

City of Hattiesburg, MS

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



Meeting Agenda - Final

Tuesday, April 17, 2018

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** [2018-373](#) Adopt Resolutions condemning the following properties as unclean and a menace to the health and safety of the community.

Attachments:

[Memo, unsafe properties, 4-17-18](#)

[1. RES-701 Eufala Ave.](#)

[2. RES-213 W. 7th St.](#)

[3. RES-Corner of Camp & S. 20th Ave.](#)

[4. RES-1305 Rebecca Ave.](#)

[5. RES-901 Fairley St.](#)

[Email from Myron Evans, Owner, Case # 5. 901 Fairley Street, 4-17-18](#)

[RES#2018-55, executed 1. RES-701 Eufala Ave.](#)

[RES#2018-56, executed 2. RES-213 W. 7th St.](#)

[RES#2018-57, executed 3. RES-Corner of Camp & S. 20th Ave.](#)

[RES#2018-58, executed 4. RES-1305 Rebecca Ave.](#)

[RES#2018-59, executed 5. RES-901 Fairley St.](#)

- V.-2** [2018-395](#) Adopt an Ordinance for the petition filed by Ashley Robinson and Jeff Sims, Owners, to establish the zoning classification for certain properties (see attached memo for property parcels) located in the Mandalay Villas at Greystone subdivision at the intersection of J. Ed Turner Drive and Topanga Trail in Ward 1 to Section 4.5.4, R-1B (Single-Family Residential) District. The Planning Commission recommended to Deny on March 7, 2018.

Attachments: [March HPC Minutes](#)
[Mandalay Zoning report](#)
[ORD - Mandalay Villas](#)
[Mandalay Zoning - Applicant Report](#)
[Mandalay Zoning - opponent email](#)
[Mandalay Zoning - opponent letter](#)
[Mandalay Zoning - opponent map](#)
[Mandalay Zoning - opponent petition](#)
[Memo - Parcels - Mandalay Villas at Greystone](#)
[Letter to City Council 4-9-2018](#)
[Appeal - Mandalay Villas R-1B Zoning denial](#)
[ORD#3229, executed ORD - Mandalay Villas R-1A](#)

V.-3 Removed.

- V.-4** [2018-377](#) Approve or Deny a petition filed by Clint Walker to request a permit for a replacement "Digital Billboard" as provided in Section 10.13.6 and all applicable regulations for a certain property located at 6192 US Hwy 98 (Parcel 052R-10-015.000, PPIN 20599, Ward 3). The Planning Commission recommended to Approve, on April 4, 2018.

Attachments: [Walker Media Digital Billboard - report](#)
[April HPC Minutes](#)

- V.-5** [2018-392](#) Adopt a Resolution setting Public Hearing before City Council at 4 p.m. on Monday, May 21, 2018 to determine if certain properties are in such a state of uncleanness so as to be a menace to the health and safety of the community and providing for notice to owners and authorize publication of the notice hearing.

Attachments: [Set public hearing MEMORANDUM 4.17.18](#)
[RES-Set Public Hearing, Unsafe Properties, 04-17-18](#)
[RES#2018-60, executed RES-Set Public Hearing, Unsafe Properties, 04-17-18](#)

- V.-6** [2018-398](#) Adopt a Resolution approving the form of and authorizing the execution of an Interlocal Cooperation Agreement between the City of Hattiesburg, Mississippi and Forrest County, Mississippi in connection with the Tax Increment Financing Plan (Hardy South Project) as from time to time amended; and for related purposes.

Attachments: [Resoulution-Hardy South](#)
[RES#2018-61, executed Resoulution-Hardy South](#)

- V.-7** [2018-363](#) Adopt a Resolution authorizing Requisition No. 18 from the Project Fund Construction Account in connection with a certain loan agreement dated August 18, 2016, by and between the Mississippi Development Bank and the City of Hattiesburg.

Attachments: [2016 Bond Resolution No. 18](#)
[RES#2018-62, executed 2016 Bond Resolution No. 18](#)

- V.-8** [2018-390](#) Authorize Mayor to execute lighting agreement with Mississippi Power for additional lighting on the Longleaf Trace for a monthly increase of \$81.00.

Attachments: [MS Power - Longleaf Trace](#)
[executed MS Power - Longleaf Trace](#)

- V.-9** [2018-375](#) Authorize Mayor to execute lighting agreement with Mississippi Power Company for additional lighting on Dossett Avenue south of Bowling Street for a net increase of \$11.77 to the monthly bill.

Attachments: [MS Power - Dossett Avenue](#)
[executed MS Power - Dossett Avenue](#)

- V.-10** [2018-399](#) Authorize Mayor to execute Memorandum of Understanding between City of Hattiesburg and Twin Forks Rising Community Development Corporation for the purpose of comprehensive redevelopment of Ward 2.

Attachments: [MOU with Twin Forks Rising CDC](#)
[executed MOU with Twin Forks Rising CDC](#)

- V.-11** [2018-393](#) Authorize Mayor to execute Memorandum of Understanding between City of Hattiesburg and the Partnership for a Healthy Mississippi for the purpose of establishing a Farmers' Market Initiative to provide a market manager and related expenses.

Attachments: [Farmers' Market MOU](#)
[executed Farmers' Market MOU](#)

- V.-12** [2018-388](#) Authorize Mayor to execute lease agreement between the City of Hattiesburg and Daytona Harley-Davidson for the lease of (12) twelve motorcycles for the Hattiesburg Police Department for (1) one year, with the option to renew for (1) one year, commencing on April 1, 2018 and ending March 31,2019.

Attachments: [Motorcycle Lease Agreement. 2018-2019](#)
[executed Motorcycle Lease Agreement. 2018-2019](#)

- V.-13** [2018-370](#) Authorize the Mayor to enter into an Interlocal Agreement with the University of Southern Mississippi for the provision of an additional fixed transit route in the vicinity of the Hattiesburg campus, contingent upon approval by the IHL Board of Directors and the Office of the Mississippi Attorney General.

Attachments: [Revised Interlocal Agreement_TR_clean_040518](#)
[executed Revised Interlocal Agreement_TR_clean_040518](#)
[FULLY Executed Revised Interlocal Agreement_TR_clean_040518](#)

- V.-14** [2018-372](#) Authorize Mayor to execute proposal between the City of Hattiesburg and Tyler Technologies for the upgrade of the EnerGov software used by Urban Development to transfer critical data off of local servers and to create citizen portals for online application filing and related features.

Attachments: [Memo - EnerGov Upgrade Details - 4-6-2018](#)
[Citizen Self Service Portal Quote](#)
[Planning Migration Quote](#)
[executed Planning Migration Quote](#)

- V.-15** [2018-382](#) Approve or deny a manpower adjustment for the Mass Transit Division of Urban Development to create four (4) new driver positions for new Hub City Transit routes, in accordance with Ordinance 3154.

Attachments: [Personnel Request - 4 HCT Drivers - 4-2018](#)

- V.-16** [2018-364](#) Approve Supplemental Agreement No. 1 to the contract with T. L. Wallace Construction, Inc. for the Comprehensive Water Improvement Phase III project to adjust final quantities to actual for a total cost underrun of \$258,186.64 on the project; Authorize Mayor to execute same in duplicate; Authorize publication of Notice of Final Settlement for the project; Authorize payment of Pay Estimate No. 16 & Final in the amount of \$3,164.17.

Attachments: [Cover letter - closing documents](#)
[Closing Documents](#)
[Supplemental Agreement No. 1 - Water Ph III](#)
[Notice of Final Settlement-Water Phase III](#)
[Pay Est. No. 16 & Final](#)
[executed Supplemental Agreement No. 1 - Water Ph III](#)
[executed Pay Est. No. 16 & Final](#)

- V.-17** [2018-376](#) Acknowledge receipt of and accept Appraisal Review Report for a portion of Parcel PPIN 35075 located in Lamar County for the J. Ed Turner Multi-Use Path Corridor project; Approve Establishment of Just Compensation and declare Appraised Value of \$23,500 to be Fair Market Value pursuant to MS Code 43-37-3 and other applicable statutes; Authorize offer to owner for Fair Market Value of \$23,500; Authorize issuance of manual check in payment upon acceptance of offer.

Attachments: [Just Compensation Offer- revised](#)
[Establishment of Just Comp Offer- executed](#)
[Stan Black - PPIN 35075 - Combined Appr. Rev. and Appr.](#)
[FC15-220 ALTA New ROW Survey 2017-11-01](#)

VI. ROUTINE AGENDA

- VI.-1** [2018-374](#) Authorize Mayor to execute agreement between City of Hattiesburg Water and Sewer Department and Anointed Hands Services, LLC for professional janitorial services in the amount of \$488.00 per month.

Attachments: [Anointed Hands-Water Department Contract 2018](#)
[executed Anointed Hands-Water Department Contract 2018](#)

- VI.-2** [2018-384](#) Acknowledge receipt of the monthly budget report for the month ending March 31, 2018.

Attachments: [EXP18.0318](#)
[REV18.0318](#)

- VI.-3** [2018-389](#) Acknowledge receipt of the annual actuarial valuation report covering the participation of the City of Hattiesburg in the Mississippi Municipal Retirement Systems for the period ending June 30, 2017.

Attachments: [PERS Actuarial Report 2017](#)

- VI.-4** [2018-391](#) Acknowledge receipt of interest rate quotes to provide lease-purchase financing for a Ferrara Custom Pumper Fire Truck for the City of Hattiesburg and accept the quote of Trustmark Bank; authorize Mayor to execute necessary lease-purchase financing documents.

Attachments: [Lease Purchase Quotes Fire Truck](#)
[executed Lease Purchase Quotes Fire Truck & lease-purchase financing docun](#)

- VI.-5** [2018-381](#) Acknowledge receipt of bids received on April 5, 2018 for the Comprehensive Sewer/Water Improvements Phase VIII - Camp Street Area project and accept the bid from C. B. Developers, Inc. in the amount of \$3,721,611.76 as the lowest and best bid; Authorize Mayor to execute contracts upon preparation.

Attachments: [Certified Bid Tab](#)
[1273S010 Plans Street Ready Set Signed 2018-02-12](#)
[1273-S010 Specs Review Set 2018 02 12](#)

- VI.-6** [2018-380](#) Acknowledge receipt of bids received on April 5, 2018 for the Infrastructure Improvements along North 40th, North 39th and Mable Street and accept the bid from Myers Underground Utilities in the amount of \$797,010.70 as the lowest and best bid; Authorize Mayor to execute contracts upon preparation.

Attachments: [Certified Bid Tab](#)
[11254 Plans Street Ready Set Signed 2018-02-05](#)
[11254 Specs Review Set 98p 2018 02 09](#)

- VI.-7** [2018-397](#) Acknowledge receipt of Permanent Easement for Part of Lot 409 of Westover Fourth Addition Subdivision, Lamar County Tax Parcel No. 051G-01-355.000 for the COMSWIP Sewer Phase V project.

Attachments: [Martin Easement.1](#)

- VI.-8** [2018-386](#) Approve Plans and Specifications for the Barkley Road Bridge Replacement Project; Authorize Advertisement for bids for same.

Attachments: [Advertisement for Bids](#)
[11266 plans Street Ready Set Signed 2018-04-06](#)
[11266 Specs Street Ready 2018 04-06](#)
[executed Advertisement for Bids for Barkley Road Bridge Replacement Project](#)

- VI.-9** [2018-367](#) Approve specifications for a minimum of four (4) and maximum of fourteen (14) fully equipped body on chassis transit vehicles for the City of Hattiesburg's Hub City Transit and the City of Gulfport's Coast Transit Authority and authorize publication of notice to bidders for same.

Attachments: [Memo - Explanation of Bus Bid Specs - 4-2018](#)
[NTB- Mass Transit](#)
[revised bus spec with coastal transit attached](#)
[executed NTB- Mass Transit 4-14 fully equipped body on chassis transit vehicle](#)

- VI.-10** [2018-368](#) Approve the sale of grave spaces, per attached memos, receipts and deeds.

Attachments: [Memos \(04-17-18\)](#)
[Receipts \(04-17-18\)](#)
[Deeds \(04-17-18\)](#)
[executed Deeds \(04-17-18\)](#)

- VI.-11** [2018-385](#) Approve claims docket for the period ending April 13, 2018.

Attachments: [DOCKET 18.04-13](#)
[ADDENDUM](#)

- VI.-12** [2018-401](#) Acknowledge receipt of request filed by Utpal Patel, Owner, to appeal the Planning Commission's recommendation for the petition filed by by Utpal Patel, Owner to change the zoning classification for a certain property located at 208 North 38th Avenue (Parcel 2-028L-07-144.01, PPIN 41562, Ward 1) from Section 4.5.9, B-2 (Neighborhood Business) District to Section 4.5.10, B-3 (Community Business) District; Hattiesburg Planning Commission recommended to Deny on April 4, 2018; Set a public hearing before City Council on May 21, 2018 at 4:00 p.m. and authorize publication of Public Notice setting an Appeal Public Hearing.

Attachments: [Appeal - 208 N 38th Ave](#)

- VI.-13** [2018-383](#) Acknowledge no bids were received at the bid opening April 5, 2018 for the 28th Avenue Bridge Replacement project; Authorize re-advertisement for bids for same project.

Attachments: [11204 no bid letter](#)
[S. 28th Ave Bridge - No bids, Re-advertisement](#)
[11204 construction plans signed 2018-02-12-Rebid](#)
[11204 Specs Review Set 2018 04 09-Rebid](#)
[executed 11204 no bid letter for 28th Ave. Bridge Replacement project](#)



City of Hattiesburg, MS

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

Master

File Number: 2018-373

File ID: 2018-373

Type: Resolution

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester: Chris Price

File Created: 04/06/2018

Brief Title: Adopt resolutions for condemned properties,
04/17/2018.

Final Action: 04/17/2018

Minute Book Number: MB2018-101-102

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

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-1

Sponsors:

Enactment Date:

Attachments: Memo, unsafe properties, 4-17-18, 1. RES-701 Eufala Ave., 2. RES-213 W. 7th St., 3. RES-Corner of Camp & S. 20th Ave., 4. RES-1305 Rebecca Ave., 5. RES-901 Fairley St., Email from Myron Evans, Owner, Case # 5. 901 Fairley Street, 4-17-18, RES#2018-55, executed 1. RES-701 Eufala Ave., RES#2018-56, executed 2. RES-213 W. 7th St., RES#2018-57, executed 3. RES-Corner of Camp & S. 20th Ave., RES#2018-58, executed 4. RES-1305 Rebecca Ave., RES#2018-59, executed 5. RES-901 Fairley St.

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Ashley Fortenberry

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018	Adopt				Pass

Action Text: A MOTION was made by Council Member George and seconded by Council Member Delgado to Adopt Resolutions condemning the following properties as unclean and a menace to the health and safety of the community.

Council Vice President Dryden asked that the record include that the owner of the Fairley Street property [Myron Evans] has decided to allow the city to move forward.

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

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

Nays: 0

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

Text of Legislative File 2018-373

Title

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

Summary

Adopt resolutions for condemned properties 04/17/2018

Budget Information

Expenditure Type

Purchasing Item

Publication Information



MAYOR
Toby Barker

COUNCIL - WARD ONE
Jeffrey George

COUNCIL - WARD TWO
Deborah Denard Delgado

COUNCIL - WARD THREE
Carter Carroll

COUNCIL - WARD FOUR
Mary Dryden

COUNCIL - WARD FIVE
Nicholas Brown

MEMORANDUM

TO: Mayor and City Council

FROM: Chris Price, Code Enforcement Manager

DATE: April 2, 2018

RE: Adopt a Resolution

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

Address	PPIN #	Ward	Violations
1. 701 Eufala Ave.	15156	5	AB, DB, OGL, DM
2. 213 W. 7 TH St.	20013	2	DB, US, OGL, T&L, DM
3. Corner of Camp and S. 20 th Ave.	2-028P-08-087	4	OGL
4. 1305 Rebecca Ave.	22475	2	DS, VS, OGL, T&L, HT, DM
5. 901 Fairley St.	25860	2	DS, VS, OS, OGL, T&L, GL, PT

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

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

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

RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY
Case #1 701 Eufala Ave .

WHEREAS, on the 20th day of March 2018 the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 16th day of April, 2018, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030L-11-013.00, 701 Eufala Ave., HATTIESBURG, MS 39401 and better described as 2-038A-15-161, 701 Eufala Ave. HATTIESBURG, MS 39401 and better described as Lot Eight (8) in Block Three (3) of the H. I. Ferguson Subdivision of Block Ten (10) of the James E. Arledge Survey or Addition to the City of Hattiesburg, Mississippi as per map or plat thereof on file in the Office of the Chancery Clerk of Forrest County, Mississippi; together with all improvements and appurtenances there unto belonging.

WHEREAS, the owner of the property is: Anita Faye Mack and On Point LLC

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

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

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

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

Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Dilapidated Building (International Property Maintenance Code, Sec. 304)

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

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

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

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 17th day of April, 2018.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 17th day of April, 2018

ATTEST:

APPROVED:

CITY CLERK

MAYOR

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

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

RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY
Case #2 213 W. 7TH St.

WHEREAS, on the 20th day of March 2018 the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 16th day of April, 2018, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029F-04-111, 213 W. 7th ST. HATTIESBURG, MS 39401 Part of Lot 3 in Block 1 of the Love and St. John Subdivision of Lot 7 Block 171 of the Crittenden Survey of the City of Hattiesburg, and described as follows, to-wit:

Begin at the West corner of the intersection of Phillips Street with West 7th Street and run 100 feet West along 7th Street to a Point of Beginning; thence run at right angles South 187.5 feet parallel to Phillips Street, thence run West 57 feet, thence North 187.5 feet; thence run 57 feet East along West 7th Street to the Point of Beginning.

WHEREAS, the owner of the property is: Phillip Landrum, Dennett Hills INC., and Merritt INC.

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

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

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

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

Dilapidated Building (International Property Maintenance Code, Sec. 304)

Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Unsafe Conditions (International Property Maintenance Code, Sec. 34.1.1)

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

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

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

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 17th day of April, 2018.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 17th day of April, 2018

ATTEST:

APPROVED:

CITY CLERK

MAYOR

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

Return to:
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RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY
Case #3 Corner of Camp and S. 20th Ave.

WHEREAS, on the 20th day of March 2018 the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 16th day of April, 2018, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-028P-08-087, Corner of Camp and S. 20th Ave. HATTIESBURG, MS 39401 and better described as Lot 1-7, Block 4 Hattiesburg Heights 3rd Survey, and Forrest County, MS.

WHEREAS, the owner of the property is: SKL Investments

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

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

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

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

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

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

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

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

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

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 17th day of April, 2018.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 17th day of April, 2018

ATTEST:

APPROVED:

CITY CLERK

MAYOR

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

Return to:
City of Hattiesburg
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P.O. Box 1898
Hattiesburg, Mississippi 39403-1898

RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY
Case #4 1305 Rebecca Ave.

WHEREAS, on the 20th day of March 2018 the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 16th day of April, 2018, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 243-0696-014-004.00, 1305 Rebecca Ave. HATTIESBURG, MS 39401 and better described as Lot Three (3) in Block Fourteen (14), of the Omega Subdivision, of the City of Hattiesburg, Forrest County, State of Mississippi, as per the map or plat thereof on file in the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: Ed Marsh and Lois Marsh

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

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

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

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

Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Trash and Litter (International Property Maintenance Code, Sec. 307.1)
Hazardous Tree (Land Development Code, Sec. 79.13)

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

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

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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 17th day of February April, 2018.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 17th day of April, 2018

ATTEST:

APPROVED:

CITY CLERK

MAYOR

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

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

RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY
Case #5 901 Fairley St.

WHEREAS, on the 20th day of March 2018 the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 16th day of April, 2018, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029H-03-017, 901 Fairley St. HATTIESBURG, MS 39401 and better described as Beginning at the Northwest corner of the northeast quarter of the southeast quarter of section 3, township 4 north, range 13 west, in the City of Hattiesburg, Forrest County, Mississippi and run South 3131 feet and thence east 25 feet to and for a point of beginning, from said point of beginning feet, thence East 170 feet, thence south 60 said point of beginning feet, thence East 170 feet, thence south 60 feet, thence west 170 feet, and thence north 60 feet to the point of beginning.

WHEREAS, the owner of the property is: Myron Evans

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

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

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

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

Abandoned Building (International Property Maintenance Code, Sec. 108.2)
Dilapidated Building (International Property Maintenance Code, Sec. 108.1)

Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Trash & Litter (International Property Maintenance Code, Sec. 302.4)

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

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

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

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 17th day of April, 2018.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 17th day of April, 2018

ATTEST:

APPROVED:

CITY CLERK

MAYOR

Myers, Karnella

From: Price, Christopher
Sent: Tuesday, April 17, 2018 3:16 PM
To: Myers, Karnella
Cc: Fortenberry, Ashley
Subject: FW: Demolition of 901 Fairley PPIN #25860
Attachments: R1-C & R2.pdf

Please see below email and actions that transpired today specific to 901 Fairly. I have met with Ginger as well as Mrs. Bernardo. You may want to print the emails below and stick in the file which is with Ashley.

Thank you,

J. Christopher Price
Division Manager / Code Enforcement
City of Hattiesburg
P. O. Box 1898
601-554-1027 Office
601-466-4459 Cell
601-545-4688 Fax
cprice@hattiesburgms.com
www.hattiesburgms.com



From: Price, Christopher
Sent: Tuesday, April 17, 2018 3:13 PM
To: 'm evans' <ltync2000@gmail.com>; Bernardo, Debbie <dbernardo@hattiesburgms.com>
Cc: jcevans1985 <jcevans1985@yahoo.com>; Lowrey, Ginger <glowrey@hattiesburgms.com>
Subject: RE: Demolition of 901 Fairley PPIN #25860

Mr. Evans –

Thank you again for meeting me on your property earlier today. I am in receipt of your request and email below. I have copied the necessary staff here at City Hall to insure that your request is noted in today's City Council meeting. I am also attaching here an excerpt from our Land Development Code that outlines your current zoning of R1-C and the zoning of R2. Which is the zoning that you may be requesting, if you rebuild anything except single family residence. The first step to a re-zoning process is come by City Hall (Planning Department) and request a Pre App application. You may want to be sure to let Mrs. Ginger Lowrey know when you begin that process. To the best of my knowledge you do not have to wait until the demo is complete to do so. Feel free to contact me anytime on my cell listed below. Thank you again for your service & for your commitment to community here in Hattiesburg!

Respectfully,

J. Christopher Price

Division Manager / Code Enforcement

City of Hattiesburg

P. O. Box 1898

601-554-1027 Office

601-466-4459 Cell

601-545-4688 Fax

cprice@hattiesburgms.com

www.hattiesburgms.com



From: m evans [<mailto:ltync2000@gmail.com>]

Sent: Tuesday, April 17, 2018 12:39 PM

To: Price, Christopher <cprice@hattiesburgms.com>

Cc: jcevans1985 <jcevans1985@yahoo.com>; Lowrey, Ginger <glowrey@hattiesburgms.com>

Subject: Demolition of 901 Fairley PPIN #25860

April 17, 2018

Dear Mr. Price,

Per our site visit today and my discussion with you regarding the renovation of 901 Fairley Street, presently it would not be economically feasible to rehab my family's property. We feel it would be best for the community and safety of others to stay the course and allow the four-plex to be demolished by the City of Hattiesburg. We will be submitting the proper paperwork for future building on this land to give low income families a better quality and safe living environment. Thankyou and the City Council of Hattiesburg for giving me the opportunity to plead my case and hope that in the future that we can rebuild the Ward 2 community together.

Myron L. Evans
Owner

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

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

RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY
Case #1 701 Eufala Ave .

WHEREAS, on the 20th day of March 2018 the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 16th day of April, 2018, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-030L-11-013.00, 701 Eufala Ave., HATTIESBURG, MS 39401 and better described as 2-038A-15-161, 701 Eufala Ave. HATTIESBURG, MS 39401 and better described as Lot Eight (8) in Block Three (3) of the H. I. Ferguson Subdivision of Block Ten (10) of the James E. Arledge Survey or Addition to the City of Hattiesburg, Mississippi as per map or plat thereof on file in the Office of the Chancery Clerk of Forrest County, Mississippi; together with all improvements and appurtenances there unto belonging.

WHEREAS, the owner of the property is: Anita Faye Mack and On Point LLC

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

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

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

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

Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Dilapidated Building (International Property Maintenance Code, Sec. 304)

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

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

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

YEAS: George
Delgado
Carroll
Dryden
Brown

NAYS: None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 17th day of April, 2018.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 17th day of April, 2018

ATTEST:

APPROVED:


CITY CLERK


MAYOR

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

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

RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY
Case #2 213 W. 7TH St.

WHEREAS, on the 20th day of March 2018 the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 16th day of April, 2018, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029F-04-111, 213 W. 7th ST. HATTIESBURG, MS 39401 Part of Lot 3 in Block 1 of the Love and St. John Subdivision of Lot 7 Block 171 of the Crittenden Survey of the City of Hattiesburg, and described as follows, to-wit:

Begin at the West corner of the intersection of Phillips Street with West 7th Street and run 100 feet West along 7th Street to a Point of Beginning; thence run at right angles South 187.5 feet parallel to Phillips Street, thence run West 57 feet, thence North 187.5 feet; thence run 57 feet East along West 7th Street to the Point of Beginning.

WHEREAS, the owner of the property is: Phillip Landrum, Dennett Hills INC., and Merritt INC.

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

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

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

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

Dilapidated Building (International Property Maintenance Code, Sec. 304)

Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Unsafe Conditions (International Property Maintenance Code, Sec. 34.1.1)

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

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

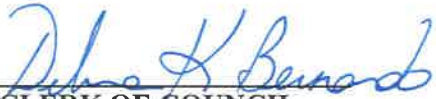
YEAS:	NAYS:	ABSENT:
George	None	
Delgado		
Carroll		
Dryden		
Brown		

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 17th day of April, 2018.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL

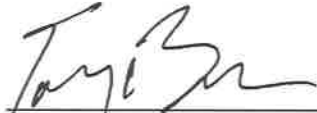

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 17th day of April, 2018

ATTEST:

APPROVED:


CITY CLERK


MAYOR

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

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

RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY
Case #3 Corner of Camp and S. 20th Ave.

WHEREAS, on the 20th day of March 2018 the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 16th day of April, 2018, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-028P-08-087, Corner of Camp and S. 20th Ave. HATTIESBURG, MS 39401 and better described as Lot 1-7, Block 4 Hattiesburg Heights 3rd Survey, and Forrest County, MS.

WHEREAS, the owner of the property is: SKL Investments

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

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

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

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

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

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

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

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

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

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

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 17th day of April, 2018.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 17th day of April, 2018

ATTEST:

APPROVED:


CITY CLERK


MAYOR

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

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

RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY
Case #4 1305 Rebecca Ave.

WHEREAS, on the 20th day of March 2018 the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 16th day of April, 2018, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 243-0696-014-004.00, 1305 Rebecca Ave. HATTIESBURG, MS 39401 and better described as Lot Three (3) in Block Fourteen (14), of the Omega Subdivision, of the City of Hattiesburg, Forrest County, State of Mississippi, as per the map or plat thereof on file in the Chancery Clerk of Forrest County, Mississippi.

WHEREAS, the owner of the property is: Ed Marsh and Lois Marsh

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

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

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

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

Dangerous Structure (International Property Maintenance Code, Sec. 108.1.5)
Vacant Structure (International Property Maintenance Code, Sec. 301.3)
Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Trash and Litter (International Property Maintenance Code, Sec. 307.1)
Hazardous Tree (Land Development Code, Sec. 79.13)

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

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

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

YEAS: George
Delgado
Carroll
Dryden
Brown

NAYS: None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 17th day of February April, 2018.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 17th day of April, 2018

ATTEST:

APPROVED:


CITY CLERK


MAYOR

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

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

RESOLUTION
CONDEMNATION OF UNSAFE AND DILAPIDATED PROPERTY
Case #5 901 Fairley St.

WHEREAS, on the 20th day of March 2018 the Council of the City of Hattiesburg, Mississippi, passed a resolution announcing the intention of the City Council to hold a hearing on, the 16th day of April, 2018, in the Council Meeting Room of City Hall in Hattiesburg, Mississippi, as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the following described property is in such a state of uncleanness as to be a menace to the health and safety of the community, to-wit:

PARCEL: 2-029H-03-017, 901 Fairley St. HATTIESBURG, MS 39401 and better described as Beginning at the Northwest corner of the northeast quarter of the southeast quarter of section 3, township 4 north, range 13 west, in the City of Hattiesburg, Forrest County, Mississippi and run South 3131 feet and thence east 25 feet to and for a point of beginning, from said point of beginning feet, thence East 170 feet, thence south 60 said point of beginning feet, thence East 170 feet, thence south 60 feet, thence west 170 feet, and thence north 60 feet to the point of beginning.

WHEREAS, the owner of the property is: Myron Evans

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

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

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

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

Abandoned Building (International Property Maintenance Code, Sec. 108.2)

Dilapidated Building (International Property Maintenance Code, Sec. 108.1)

Overgrown Lot or Weeds (International Property Maintenance Code, Sec. 302.4)
Trash & Litter (International Property Maintenance Code, Sec. 302.4)

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

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

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

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

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 17th day of April, 2018.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 17th day of April, 2018

ATTEST:

APPROVED:


CITY CLERK


MAYOR



City of Hattiesburg, MS

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

Master

File Number: 2018-395

File ID: 2018-395

Type: Ordinance

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Ginger Lowrey

File Created: 04/09/2018

Brief Title: Adopt an Ordinance to establish zoning for Mandalay Villas at Greystone subdivision, Ward 1.

Final Action: 04/17/2018

Minute Book Number:

Title: Adopt an Ordinance for the petition filed by Ashley Robinson and Jeff Sims, Owners, to establish the zoning classification for certain properties (see attached memo for property parcels) located in the Mandalay Villas at Greystone subdivision at the intersection of J. Ed Turner Drive and Topanga Trail in Ward 1 to Section 4.5.4, R-1B (Single-Family Residential) District. The Planning Commission recommended to Deny on March 7, 2018.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-2

Sponsors:

Enactment Date:

Attachments: March HPC Minutes, Mandalay Zoning report, ORD - Mandalay Villas, Mandalay Zoning - Applicant Report, Mandalay Zoning - opponent email, Mandalay Zoning - opponent letter, Mandalay Zoning - opponent map, Mandalay Zoning - opponent petition, Memo - Parcels - Mandalay Villas at Greystone, Letter to City Council 4-9-2018, Appeal - Mandalay Villas R-1B Zoning denial, ORD#3229, executed ORD - Mandalay Villas R-1A

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter:

Effective Date: 05/17/2018

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1		04/17/2018					
1	City Council	04/17/2018	Adopt				Pass

Action Text: A MOTION was made by Council Member George and seconded by Council Member Delgado to DENY to Adopt an Ordinance for the petition filed by Ashley Robinson and Jeff Sims, Owners, to establish the zoning classification for certain properties (see attached memo for property parcels) located in the Mandalay Villas at Greystone subdivision at the intersection of J. Ed Turner Drive and Topanga Trail in Ward 1 to Section 4.5.4, R-1B (Single-Family Residential) District (The Planning Commission recommended to Deny on March 7, 2018) and instead approve to Adopt an Ordinance to establish the zoning classification for certain properties (see attached memo for property parcels) located in the Mandalay Villas at Greystone subdivision at the intersection of J. Ed Turner Drive and Topanga Trail in Ward 1 to Section 4.5.4, R-1A (Single-Family Residential) District.

Council member George thanked citizens of Ward 1 for getting involved and for being willing to hold constructive conversations; he said these conversations about what [citizens] want to see happen in the city and in [their] neighborhoods are important and should continue. He thanked those who came to the public hearing and to this meeting to express their opinions, and said [the public hearing] is a great example of what quality public discourse looks like, as they represented their thoughts and feelings well, with civility, passion and conviction. Council member George asked that they continue to be engaged to help strengthen Hattiesburg and make it a premier city.

He thanked the developers for investing in the city and Ward 1, said the city has endless potential, and asked that they continue to work toward positive development that takes into consideration the existing nature of the city. Council member George stated that he heard the concerns of residents regarding infrastructure and city services; he said these are valid concerns and that he and the administration commit to address them. He said he understands also the desire of residents to maintain and improve their property values and protect the quality of life they now enjoy, and said that is his priority for Ward 1 and all of the city. Council member George stated his belief that it is in the best interests of the city, in accordance with the Comprehensive Plan, to see this area zoned R1A.

Council Vice President Dryden concurred; she said the construction of the homes appears to be beautiful, yet there needs to be a different kind of transition from five-acre lots.

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

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

Nays: 0

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

Text of Legislative File 2018-395

Title

Adopt an Ordinance for the petition filed by Ashley Robinson and Jeff Sims, Owners, to establish the zoning classification for certain properties (see attached memo for property parcels) located in the Mandalay Villas at Greystone subdivision at the intersection of J. Ed Turner Drive and Topanga Trail in Ward 1 to Section 4.5.4, R-1B (Single-Family Residential) District. The Planning Commission recommended to Deny on March 7, 2018.

Summary

Adopt an Ordinance to establish zoning for Mandalay Villas at Greystone subdivision, Ward 1.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

**MINUTES OF THE
REGULAR MEETING OF THE
HATTIESBURG PLANNING COMMISSION
March 7, 2018**

The Hattiesburg Planning Commission did meet in a regular session on March 7, 2018 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
Mark Miller, Secretary
Paul Sims
Kenneth Waites
James Hughes
Rebekah Ray
Jessie Wilson

Commissioners Absent: Judy Corts
Sandra Thompson

Also Present: Ginger Maddox Lowrey, AICP, Planning Division Manager
Andrew Ellard, Director of Urban Development
Lamar Rutland, Director of Engineering
Stephen Guthrie, Planning Division
Steven Mitchell, Building Official

Chairman Conville declared the meeting of the Hattiesburg Planning Commission open and in session at 1:04 P.M.

INVOCATION

Chairman Conville held a moment of silence in remembrance of Parkland, FL.

AGENDA REVIEW

There came the matter of the March 2018 Agenda. Ginger Lowrey requested Item F. be withdrawn from the agenda. A request was made by Chairman Conville for a motion to approve the March 2018 Agenda as amended. A motion was made to approve the March 2018 Agenda by Commissioner Hinton and seconded by Commissioner Ray.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton
Mark Miller
Paul Sims
Kenneth Waites
James Hughes
Rebekah Ray
Jessie Wilson

Commissioners voting nay: None

MINUTES REVIEW

There came the matter of the February 7, 2018, minutes. A request was made by

Chairman Conville for a motion to approve the February 7, 2018, minutes. A motion was made by Commissioner Waites to approve the minutes and seconded by Commissioner Hinton.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton
Mark Miller
Paul Sims
Kenneth Waites
James Hughes
Rebekah Ray
Jessie Wilson

Commissioners voting nay: None

REPORTS

BUILDING REPORT

There came the matter of the Building Inspection Report. Steve Mitchell provided a building report for February 2018.

PLANNING REPORT

There came the matter of the Planning Report by Ginger Maddox Lowrey, AICP, Planning Division Manager. Mrs. Lowrey reported that Mr. Isaiah Easterling resigned effective Tuesday, March 6, 2018. On February 20, 2018 the City Council reviewed the following Hattiesburg Planning Commission recommendations and voted as follows: The City Council removed from the table Anthony Wansley’s petition to rezone 208 McInnis Spring Road. The City Council denied the petition (HPC denial upheld). The City Council approved the petition to change the zoning of 1200 Edwards St from I-1 to B-3 (HPC approval upheld). The City Council approved the preliminary plat for condominiums located at 3000 Hardy St (HPC approval upheld).

CHAIRMAN’S REPORT

There came the matter of the Chairman’s Report. No report was submitted

PUBLIC HEARING – PLANNING COMMISSION

Chairman Conville declared the Public Hearing for the Planning Commission open at 1:12 P.M. and read the rules and procedures of the hearing. Planning Division Manager, Ginger M. Lowrey, recused herself from Item A.

There came the matter of Item A (Rezone), filed by Shawn Lowrey, Owner, as required in the Land Development Code, Ord. No. 3209, to change the zoning classification for a certain property located at 221 Market Street (Parcel 2-029J-10-359.00, PPIN 15650, Ward 4) from Section 4.5.12, B-5 (Regional Business) District to Section 4.5.11, B-4 (Downtown Business) District.

	Name	Address	City/State
<u>Presented by:</u>	Shawn Lowrey	138 E Front St.	Hattiesburg, MS
	- Owner		
<u>Proponents:</u>	Andrea Saffle	409 Walnut	Hattiesburg, MS

- HHDA
Opponents: None

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Miller made a motion to Approve the request for rezoning with the following basis: There is a material change in the circumstances and conditions of the neighborhood and areas surrounding the petitioned property and there is a public need for the change in question, based on the comprehensive plan. The motion was seconded by Commissioner Hinton.

Commissioners voting aye Dick Conville, Chairman
Amy Hinton
Mark Miller
Paul Sims
Kenneth Waites
James Hughes
Rebekah Ray
Jessie Wilson

Commissioners voting nay: None

Planning Division Manager, Ginger M. Lowrey, returned to the public hearing.

There came the matter of Item B (Alley Closure), filed by Jeffrey Green, Applicant, Christopher Davis, Contractor, Mark A. Jordan, Consultant, as required in the Land Development Code, Ord. No. 3209, to close and vacate a portion of the undeveloped alley running east and west between Cherry Street, Cedar Street, Tuscan Avenue, and Magnolia Avenue, which is located directly between PPIN 13639 and PPIN 13639.

	Name	Address	City/State
<u>Presented by:</u>	Christopher Davis	41 Weatherford Ave	Mobile, AL
	- Contractor		
<u>Proponents:</u>	None		
<u>Opponents:</u>	None		

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. The motion was seconded by Commissioner Miller.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton
Mark Miller
Paul Sims
Kenneth Waites
James Hughes
Rebekah Ray
Jessie Wilson

Commissioners voting nay: None

There came the matter of Item C (Rezone), filed by Nicolas Robinson, Owner, as required in the Land Development Code, Ord. No. 3209, to change the zoning classification for a certain property located at 1226 Ida Avenue (Parcel 2-038K-21-066.00; 27396, 2-038K-21-064;

27395, 2-038K-21-065; 4177, Ward 5) from Section 4.5.6, R-2 (Two-Family Residential) District to Section 4.5.10, B-3 (Community Business) District.

	Name	Address	City/State
<u>Presented by:</u>	Nicolas Robinson	124 Meadow Park Lane	Hattiesburg, MS
	- Owner		
<u>Proponents:</u>	None		
<u>Opponents:</u>	Jim Harrell, Sr.	308 William Carey Pkwy	Hattiesburg, MS
	Irby Drake, Jr.	211 Dossett Ave	Hattiesburg, MS
	- Timberton Park Neighborhood Assoc.		
	Scott Pfaff	26 Poplar Drive	Hattiesburg, MS
	Vermell Jackson	801 M L King	Hattiesburg, MS
	Scott Hummel	710 William Carey Pkwy	Hattiesburg, MS
	- WCU		
	Capt. Stacey Connelly	5670 Hwy 49 S.	Hattiesburg, MS
	- Salvation Army		
	Tim Slade	710 William Carey Pkwy	Hattiesburg, MS
	- WCU		

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Miller made a motion to Deny the request for rezoning with the following basis: There is not a material change in the circumstances and conditions of the neighborhood and areas surrounding the petitioned property and there is not a public need for the change in question, based on the comprehensive plan. The motion was seconded by Commissioner Ray.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton
Mark Miller
Paul Sims
Kenneth Waites
James Hughes
Rebekah Ray
Jessie Wilson

Commissioners voting nay: None

There came the matter of Item D (Establish Zoning), filed by Joel Ford, Engineer, on behalf of Jeff Sims, Owner, as required in the Land Development Code, Ord. No. 3209, to establish the zoning classification for a certain property located on Jackson Road, South of the Longleaf Trace (Parcel 052B-03-004.105, PPIN 33787, Ward 1) as Section 4.5.10, B-3 (Community Business) District.

	Name	Address	City/State
<u>Presented by:</u>	Joel Ford	2010 Oak Grove Rd	Hattiesburg, MS
	- Engineer		
	Ashley Robinson	15 Murphy Rd	Hattiesburg, MS
<u>Proponents:</u>	Donovan Scruggs	317 Pine Drive	Ocean Springs, MS
<u>Opponents:</u>	Seth Hunter	c/o 85 J. Ed Turner Rd	Hattiesburg, MS
	- Attorney representing Wes & Kelsey Hester		
	Carl Nicolson	13 Medinah Dr	Hattiesburg, MS
	John Eye	123 J. Ed Turner Drive	Hattiesburg, MS
	Jim Gallaspy	129 Fair Lake Drive	Hattiesburg, MS

Eric Weill	71 J. Ed Turner Drive	Hattiesburg, MS
David Gustafson	6 Augusta Ct. West	Hattiesburg, MS

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Waites made a motion to postpone the vote for further justification for B-3 zoning next to residential use. The motion was seconded by Commissioner Hughes. The motion failed.

Commissioners voting aye: James Hughes
Rebekah Ray
Kenneth Waites

Commissioners voting nay: Dick Conville, Chairman
Amy Hinton
Mark Miller
Paul Sims
Jessie Wilson

Commissioner Miller made a motion to Deny the request for rezoning with the following basis: There is not a material change in the circumstances and conditions of the neighborhood and areas surrounding the petitioned property and there is not a public need for the change in question, based on the comprehensive plan; There is substantial opposition from the Neighborhood and public and outstanding questions were raised regarding plans, traffic, and infrastructure. The motion was seconded by Commissioner Sims. The motion failed.

Commissioners voting aye: James Hughes
Paul Sims
Jessie Wilson

Commissioners voting nay: Dick Conville, Chairman
Amy Hinton
Mark Miller
Rebekah Ray
Kenneth Waites

Commissioner Waites made a motion to Table the request for rezoning because there is substantial opposition from the neighborhood and public and outstanding questions were raised regarding plans, traffic, and infrastructure. The motion was seconded by Commissioner Miller.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton
Mark Miller
Paul Sims
Kenneth Waites
James Hughes
Rebekah Ray
Jessie Wilson

Commissioners voting nay: None

There came the matter of Item E (Conditional Use), filed by Joel Ford, Engineer, on behalf of Jeff Sims, Owner, as required in the Land Development Code, Ord. No. 3209, to request a Conditional Use as “Dwelling, Mixed Use”, Section 5.4, for a certain property located on Jackson Road, South of the Longleaf Trace (Parcel 052B-03-004.105, PPIN 33787, Ward 1)

pending establishment of zoning.

	Name	Address	City/State
<u>Presented by:</u>	Joel Ford	2010 Oak Grove Rd	Hattiesburg, MS
	- Engineer		
<u>Proponents:</u>	Ashley Robinson	15 Murphy Rd	Hattiesburg, MS
	Donovan Scruggs	317 Pine Drive	Ocean Springs, MS
<u>Opponents:</u>	Seth Hunter	c/o 85 J. Ed Turner Rd	Hattiesburg, MS
	- Attorney representing Wes & Kelsey Hester		
	Carl Nicolson	13 Medinah Dr	Hattiesburg, MS
	John Eye	123 J. Ed Turner Drive	Hattiesburg, MS
	Jim Gallaspy	129 Fair Lake Drive	Hattiesburg, MS
	Eric Weill	71 J. Ed Turner Drive	Hattiesburg, MS
	David Gustafson	6 Augusta Ct. West	Hattiesburg, MS

Commissioner Waites made a motion to Table the request because there is substantial opposition from the neighborhood and public and outstanding questions were raised regarding plans, traffic, and infrastructure. The motion was seconded by Commissioner Miller.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton
Mark Miller
Paul Sims
Kenneth Waites
James Hughes
Rebekah Ray
Jessie Wilson

Commissioners voting nay: None

There came the matter of Item G (Establish Zoning), filed by Ashley Robinson, Owner, and Jeff Sims, Owner as required in the Land Development Code, Ord. No. 3209, to establish the zoning classification for certain properties located in the Mandalay Villas at Greystone subdivision at the intersection of J. Ed Turner Drive and Topanga Trail (052B-03-004.046; 31719, 052B-03-004.047; 31720, 052B-03-004.048; 31721, 052B-03-004.049; 31722, 052B-03-004.050; 31723, 052B-03-004.051; 31724, 052B-03-004.052; 31725, 052B-03-004.053; 31726, 052B-03-004.054; 31727,052B-03-004.055; 31728, 052B-03-004.056; 31729, 052B-03-004.057; 31730, 052B-03-004.058; 31731, 052B-03-004.059; 31732, 052B-03-004.060; 31733, 052B-03-004.061; 31734, 052B-03-004.062; 31735, 052B-03-004.063; 31736, 052B-03-004.064; 31737, 052B-03-004.066; 31739, 052B-03-004.067; 31740, 052B-03-004.068; 31741, 052B-03-004.069; 31742, 052B-03-004.070; 31743, 052B-03-004.071; 31744, 052B-03-004.072; 31745, 052B-03-004.073; 31746, 052B-03-004.074; 31747, 052B-03-004.076; 31749, 052B-03-004.077; 31750, 052B-03-004.078; 31751, 052B-03-004.079; 31752, 052B-03-004.080; 31753, 052B-03-004.082; 31755, 052B-03-004.083; 31756, 052B-03-004.084; 31757, 052B-03-004.085; 31758, 052B-03-004.086; 31759, 052B-03-004.087; 31760, 052B-03-004.088; 31761, 052B-03-004.089; 31762, 052B-03-004.090; 31763, 052B-03-004.091; 31764, 052B-03-004.092; 31765, 052B-03-004.093; 31766, 052B-03-004.094; 31767, 052B-03-004.095; 31768, 052B-03-004.096; 31769, 052B-03-004.097; 31770, 052B-03-004.075; 31748, 052B-03-004.065; 31738 Ward 1) to Section 4.5.4, R-1B (Single-Family Residential) District.

	Name	Address	City/State
<u>Presented by:</u>	Donovan Scruggs	317 Pine Drive	Ocean Springs, MS
	- Representative		
	Ashley Robinson	15 Murphy Rd	Hattiesburg, MS
	- Owner		
<u>Proponents:</u>	Troy Gardner	140 Mayfair Drive	Hattiesburg, MS
-	- Engineer		
<u>Opponents:</u>	Seth Hunter	4085 J. Ed Turner Rd	Hattiesburg, MS
	- Attorney representing Wesley Kelsey Hester & Larry Gunn		
	John Eye	123 J. Ed Turner Drive	Hattiesburg, MS
	Eric Weill	71 J. Ed Turner Drive	Hattiesburg, MS
	Ray Sims Jr.	142 Seventeen Place	Hattiesburg, MS
	Carl Nicolson	13 Medinah Dr	Hattiesburg, MS
	David Gustafson	6 Augusta Ct. West	Hattiesburg, MS

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Miller made a motion to Deny the request to establish a zoning district as R-1B (Single-Family Residential) District. The motion was seconded by Commissioner Sims.

Commissioners voting aye: Amy Hinton
Mark Miller
Paul Sims
Kenneth Waites
James Hughes
Rebekah Ray

Commissioners voting nay: Dick Conville, Chairman

Commissioners absent: Jessie Wilson

BUSINESS MEETING

There being no further business, the meeting was adjourned at 4:40 PM. Commissioner Hinton made a motion to adjourn the meeting. The motion was seconded at Commissioner Miller.

Dick Conville, Chairman

Ginger Maddox Lowrey, AICP, CFM, Planning Division Manager

SUBJECT PARCEL:

Intersection of J. Ed Turned Drive and Topanga Trail

Ashley Robinson, Owner and Jeff Sims, Owner

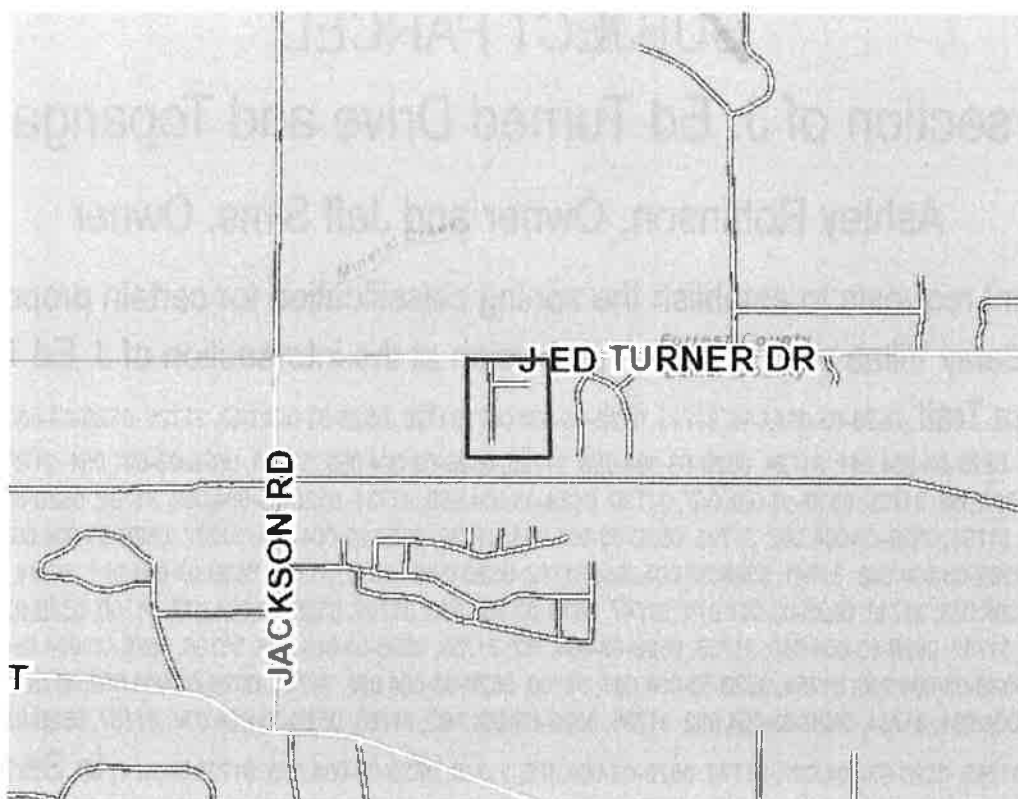
The applicant requests to establish the zoning classification for certain properties located in the Mandalay Villas at Greystone subdivision at the intersection of J. Ed Turner Drive and Topanga Trail (052B-03-004.046; 31719, 052B-03-004.047; 31720, 052B-03-004.048; 31721, 052B-03-004.049; 31722, 052B-

03-004.050; 31723, 052B-03-004.051; 31724, 052B-03-004.052; 31725, 052B-03-004.053; 31726, 052B-03-004.054; 31727, 052B-03-004.055; 31728, 052B-03-004.056; 31729, 052B-03-004.057; 31730, 052B-03-004.058; 31731, 052B-03-004.059; 31732, 052B-03-004.060; 31733, 052B-03-004.061; 31734, 052B-03-004.062; 31735, 052B-03-004.063; 31736, 052B-03-004.064; 31737, 052B-03-004.066; 31739, 052B-03-004.067; 31740, 052B-03-004.068; 31741, 052B-03-004.069; 31742, 052B-03-004.070; 31743, 052B-03-004.071; 31744, 052B-03-004.072; 31745, 052B-03-004.073; 31746, 052B-03-004.074; 31747, 052B-03-004.076; 31749, 052B-03-004.077; 31750, 052B-03-004.078; 31751, 052B-03-004.079; 31752, 052B-03-004.080; 31753, 052B-03-004.082; 31755, 052B-03-004.083; 31756, 052B-03-004.084; 31757, 052B-03-004.085; 31758, 052B-03-004.086; 31759, 052B-03-004.087; 31760, 052B-03-004.088; 31761, 052B-03-004.089; 31762, 052B-03-004.090; 31763, 052B-03-004.091; 31764, 052B-03-004.092; 31765, 052B-03-004.093; 31766, 052B-03-004.094; 31767, 052B-03-004.095; 31768, 052B-03-004.096; 31769, 052B-03-004.097; 31770, 052B-03-004.075; 31748, 052B-03-004.065; 31738 Ward 1) to Section 4.5.4, R

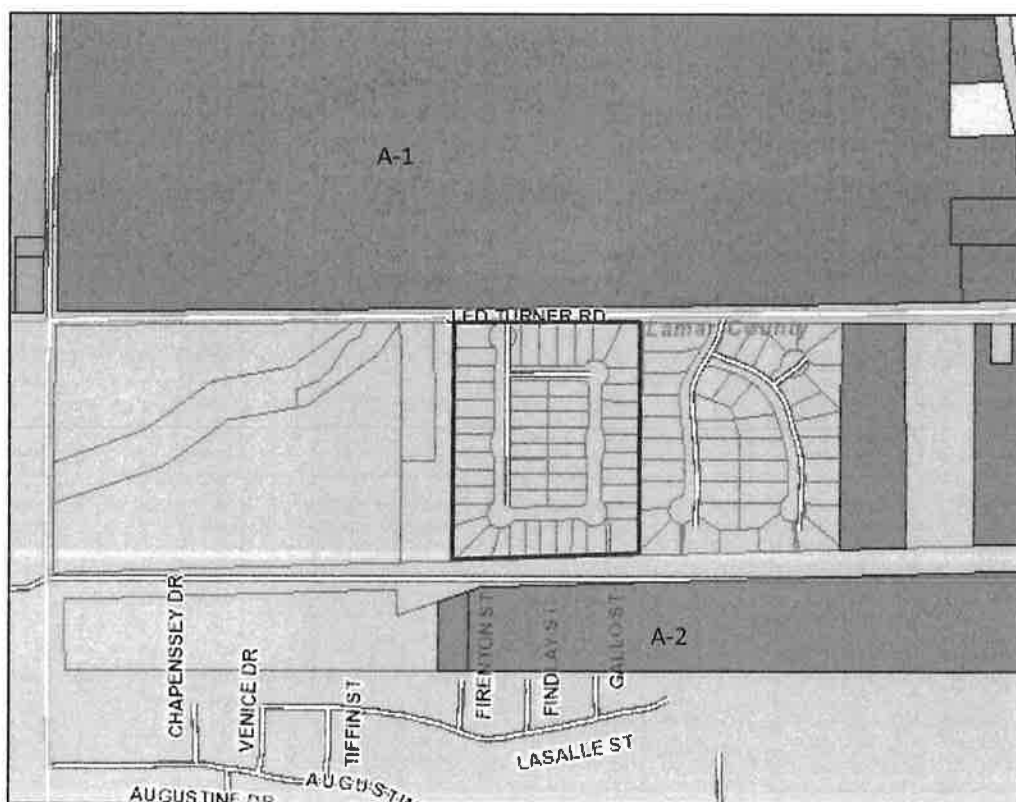
-1B (Single-Family Residential) District and accept preliminary plat.



Vicinity Map—Ward 1



Zoning—N/A



Site Aerial



SURROUNDING AREA

**Northern Direction: A-1 (General
Agricultural) Undeveloped**



**Southern Direction: A-2 (Agricultural
Residential) Undeveloped**



**Eastern Direction: Unzoned/
Residential**

**Western Direction: Unzoned/
Undeveloped**





**Planning Commission
Case Fact Sheet**

Property Owner: Ashley Robinson and Jeff Sims

Address of Properties: Mandalay Villas at Greystone
Tax Parcels: See Below
PPIN:
Ward: 3

Parcel; PPIN

052B-03-004.046; 31719
052B-03-004.047; 31720
052B-03-004.048; 31721
052B-03-004.049; 31722
052B-03-004.050; 31723
052B-03-004.051; 31724
052B-03-004.052; 31725
052B-03-004.053; 31726
052B-03-004.054; 31727
052B-03-004.055; 31728
052B-03-004.056; 31729
052B-03-004.057; 31730
052B-03-004.058; 31731
052B-03-004.059; 31732
052B-03-004.060; 31733
052B-03-004.061; 31734
052B-03-004.062; 31735
052B-03-004.063; 31736
052B-03-004.064; 31737
052B-03-004.066; 31739
052B-03-004.067; 31740
052B-03-004.068; 31741
052B-03-004.069; 31742
052B-03-004.070; 31743
052B-03-004.071; 31744
052B-03-004.072; 31745
052B-03-004.073; 31746
052B-03-004.074; 31747
052B-03-004.076; 31749
052B-03-004.077; 31750

Parcel ; PPIN

052B-03-004.078; 31751
052B-03-004.079; 31752
052B-03-004.080; 31753
052B-03-004.082; 31755
052B-03-004.083; 31756
052B-03-004.084; 31757
052B-03-004.085; 31758
052B-03-004.086; 31759
052B-03-004.087; 31760
052B-03-004.088; 31761
052B-03-004.089; 31762
052B-03-004.090; 31763
052B-03-004.091; 31764
052B-03-004.092; 31765
052B-03-004.093; 31766
052B-03-004.094; 31767
052B-03-004.095; 31768
052B-03-004.096; 31769
052B-03-004.097; 31770
052B-03-004.075; 31748
052B-03-004.065; 31738

Request: **Preliminary Plat Review for a Major Subdivision**

Purpose of Request: To consider an application to file a preliminary plat for a major subdivision for certain properties located in the Mandalay Villas at Greystone subdivision at the intersection of J. Ed Turner Drive and Topanga Trail Hattiesburg, MS (Ward 1).

Applicant Summary: See Attached

Applicable Regulations:

SECTION 12 **Process and Procedures**
12.3.2 Preliminary plan approval for Major Subdivisions
Planning Commission recommends for a final City Council approval

Present Zoning: This parcel is currently not zoned
Present Use: Under development

Surrounding Zoning and Land Use:
North: A-1 (General Agricultural) Undeveloped
South: A-2 (Agricultural Residential) Undeveloped
East: Unzoned/Residential
West: Unzoned/Undeveloped

Most Nearly Bounded By (streets): This parcel is accessible from the North by J Ed Turner Drive. It is bounded on the East by West Hills Drive, on the South by Fourth Street, and on the West by Jackson Road.

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of February 21, 2018

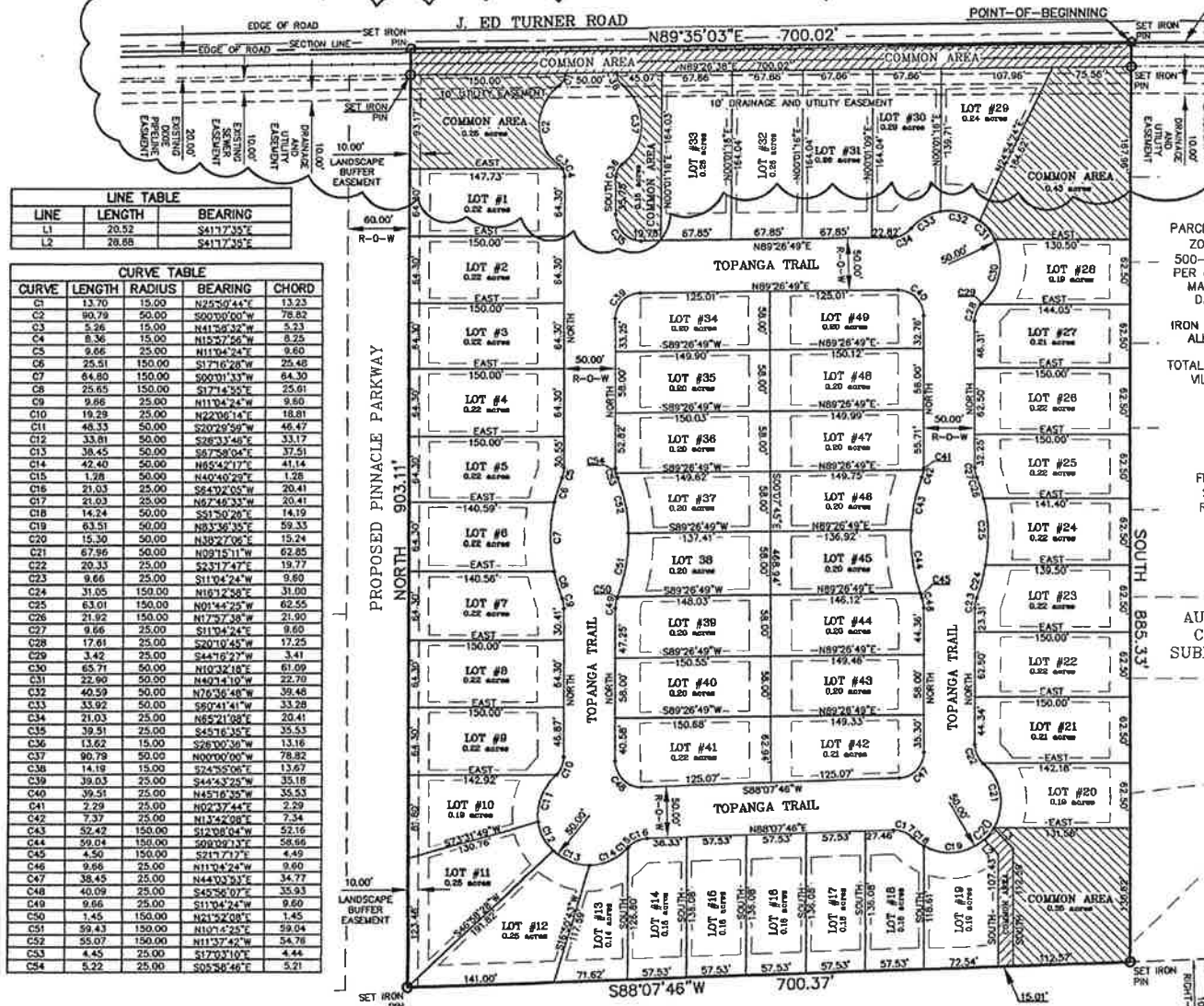
History / Background: An initial plat was filed with Lamar County prior to annexation. A modified plat was signed by Lamar County officials following annexation and is therefore void. The applicant is requesting the City accept the modified plat.
The applicant is requesting to develop the property and single family residential. Zoning designation has been applied for as R-1B. Two variances have been applied for regarding side setbacks and lot size (of one lot only).

Basis for Approval: Approve or Deny an application to file a preliminary plat for a major subdivision for certain properties located in the Mandalay Villas at Greystone subdivision at the intersection of J. Ed Turner Drive and Topanga Trail Hattiesburg, MS (Ward 1).

MANDALAY VILLAS GREYSTONE

SEE BLOW-UP DETAIL FOR MORE INFORMATION

NORTH TOWNSHIP



GRAPHIC SCALE



(IN FEET)
1 inch = 100 ft.

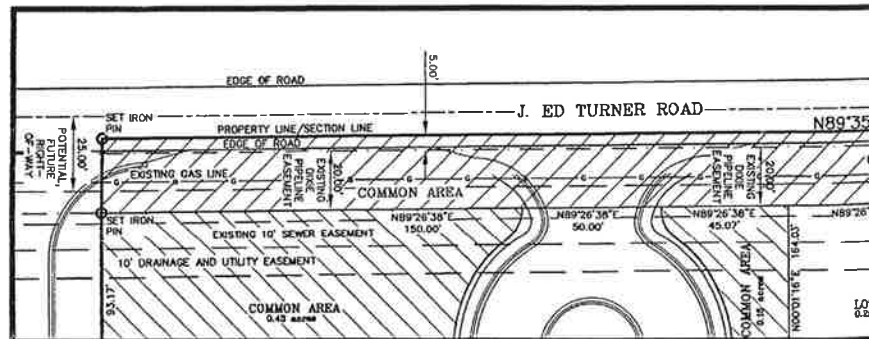
LONGLEAF TRACE (RAILS TO TRAILS)



Waits Engineering Consultants, INC

5031-A Old Highway 11
Hattiesburg, MS 39402

Phone: (601) 544-4009 Fax (601) 544-4995
William F. (Billy) Waits, P.E., R.L.S.



BLOW-UP DETAIL

Plat submitted with report as of
2/21/2018 subject to change prior to
Public Hearing date.



**Planning Commission
Case Fact Sheet**

Property Owner: Ashley Robinson and Jeff Sims

Address of Properties:
Mandalay Villas at Greystone

Tax Parcels
See Below

PPIN:

Ward:
3

Parcel; PPIN

052B-03-004.046; 31719
052B-03-004.047; 31720
052B-03-004.048; 31721
052B-03-004.049; 31722
052B-03-004.050; 31723
052B-03-004.051; 31724
052B-03-004.052; 31725
052B-03-004.053; 31726
052B-03-004.054; 31727
052B-03-004.055; 31728
052B-03-004.056; 31729
052B-03-004.057; 31730
052B-03-004.058; 31731
052B-03-004.059; 31732
052B-03-004.060; 31733
052B-03-004.061; 31734
052B-03-004.062; 31735
052B-03-004.063; 31736
052B-03-004.064; 31737
052B-03-004.066; 31739
052B-03-004.067; 31740
052B-03-004.068; 31741
052B-03-004.069; 31742
052B-03-004.070; 31743
052B-03-004.071; 31744
052B-03-004.072; 31745
052B-03-004.073; 31746
052B-03-004.074; 31747
052B-03-004.076; 31749
052B-03-004.077; 31750

Parcel ; PPIN

052B-03-004.078; 31751
052B-03-004.079; 31752
052B-03-004.080; 31753
052B-03-004.082; 31755
052B-03-004.083; 31756
052B-03-004.084; 31757
052B-03-004.085; 31758
052B-03-004.086; 31759
052B-03-004.087; 31760
052B-03-004.088; 31761
052B-03-004.089; 31762
052B-03-004.090; 31763
052B-03-004.091; 31764
052B-03-004.092; 31765
052B-03-004.093; 31766
052B-03-004.094; 31767
052B-03-004.095; 31768
052B-03-004.096; 31769
052B-03-004.097; 31770
052B-03-004.075; 31748
052B-03-004.065; 31738

Request:	Establish Zoning
Purpose of Request:	To consider an application to establish the zoning classification for certain properties located in the Mandalay Villas at Greystone subdivision at the intersection of J. Ed Turner Drive and Topanga Trail (Ward 1) to Section 4.5.4, R-1B (Single-Family Residential) District.
Applicant Summary:	See Attached
Applicable Regulations:	
SECTION 4	Zoning Districts Established
	<u>4.5.4 R-1B Single-Family Residential District:</u> The purpose of the R-1B District is to permit single-family residential uses 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 encourages protected lower density residential neighborhoods with only compatible supporting institutional uses and open space.
Present Zoning:	This parcel is currently not zoned
Present Use:	Under development
Surrounding Zoning and Land Use:	North: A-1 (General Agricultural) Undeveloped South: A-2 (Agricultural Residential) Undeveloped East: Unzoned/Residential West: Unzoned/Undeveloped
Most Nearly Bounded By (streets):	This parcel is accessible from the North by J Ed Turner Drive. It is bounded on the East by West Hills Drive, on the South by Fourth Street, and on the West by Jackson Road.
Letters or Concerns stated:	The Planning Division Office has not received any letters or other written communications relative to this case as of February 21, 2018
History / Background:	Two variances have been applied for regarding side setbacks and lot size (of one lot only).

Basis for Approval:

1. There is a mistake in the original zoning.
2. The character of the neighborhood **(has / has not)** changed substantially so that rezoning is clearly justified and there **(is / is not)** a public need for the rezoning
3. Annexation

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
LAND DEVELOPMENT CODE ORDINANCE NO. 3209, AS AMENDED,
OF THE CITY OF HATTIESBURG, MISSISSIPPI
FOR A CERTAIN PROPERTIES LOCATED IN THE MANDALAY VILLAS AT
GREYSTONE SUBDIVISION AT THE INTERSECTION OF J. ED TURNER DRIVE
AND TOPANGA TRAIL WARD 1)
TO ESTABLISH THE ZONING AS SECTION 4.5.4, R-1B (SINGLE-FAMILY
RESIDENTIAL) 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 Comprehensive Zoning Ordinance No. 3209, as amended, of the City of Hattiesburg, Mississippi, be and the same is hereby changed and amended. The Hattiesburg Planning Commission recommended to DENY said change in zoning for the following reasons:

Annexation

Said properties are listed by PPIN number in attached memo and described as follows:

A part of the Northeast ¼ of the Northwest ¼ of Section 3, Township 4 North, Range 14 West, Lamar County, Mississippi, being more particularly described as: Commencing at the Northeast corner of said Section 3; thence run S89°35'03"W along the North line of said Section 3 for 3069.76 feet to the Point of Beginning; thence run South for 885.33 feet to a point on the North Right-of-Way line of Longleaf Trace (Rails to Trails); thence run S88°07'46"W along said North Right-of-Way line for 700.37 feet; thence run North for 903.11 feet to a point on the said North line of said Section 3; thence run N89°35'03"E along said North line for 700.02 feet to the Point of Beginning, comprising 14.37 Acres, more or less (Lots 1-49 including Northeast and Southeast Detention Ponds).

SECTION 2. Except as hereby expressly changed and amended, the aforesaid Comprehensive Zoning District Map and the Land Development Code Ordinance No. 3209, as amended, 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., 2018.

(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., 2018.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

**Land Use Report for
The Development of Mandalay Villas at Greystone
Located on J. Ed Turner Drive:
Preliminary Plat, Variances, and Zoning Establishment**

Prepared by: S. Donovan Scruggs, AICP

Date: March 7, 2018

The applicants, Ashley Robinson and Jeff Sims, are seeking to develop the Mandalay Villas at Greystone. The subdivision was platted in approximately 2007 and recorded by Lamar County. Later the property was annexed by the City of Hattiesburg. As a platted and filed subdivision, the City of Hattiesburg and Lamar County have recognized the lots as platted. The amended or revised plat is minor and should be addressed administratively as part of the Final Plat. The revision to the Plat includes primarily administrative notes related to common space and rights of way, and these changes are not significant. The modifications do not alter the size of lots within the subdivision, and the revisions of the Plat should be limited to those discussed with staff and contained within the application.

After the annexation process, the subdivision and surrounding properties were not 'zoned' or a zoning designation was not established. The City has required some sites to establish a zoning designation before development can occur within those sites, but on others the establishment of a zoning designation has not been required. Augusta Court, located to the east of Mandalay Villas, is currently not zoned, and it is being developed. With a pending application submitted to the Urban Development Department, the current Mandalay Villas development should be considered as a vested project as outlined in the Land Development Code.

In an effort to develop the site, the applicants are seeking acceptance of the modified preliminary plat, establishment of a zoning designation (R-1B), and variances for side yard setbacks within the subdivision.

A. Educational Background and Professional Experience.

I attended Mississippi State University where I received a Bachelor of Arts degree in History in 1993, and a Masters' of Public Policy and Administration in 1995. I have been a practicing city and land-use planner in the State of Mississippi since 1995. I am a member of the American Institute of Certified Planners ("AICP") which serves as the professional institution of the American Planning Association ("APA"). APA is a nonprofit education and membership organization that includes planners, engineers, architects, elected officials, planning commissioners, and interested citizens. As the APA's professional institution, AICP is dedicated to advancing the science and profession of good planning of better communities through management of physical, social, economic, and environmental issues. I have served on the Executive Committee of the Mississippi Chapter of the APA since 2007 and presently, I am the Past-President of the organization.

From 1997 to 2000, I served as a Senior Planner and Planner for the City of Meridian. My duties and responsibilities included reviews of zoning and variance applications, updates to the City's Comprehensive Plan, preparing staff recommendations related to the construction of commercial and multifamily projects, and grant administration of Community Development Block Grant and similar grant programs. From 2000 to 2007, I served as the Director of Community Development and Planning for the City of Ocean Springs. As director of this department, I was responsible for the management of all planning, building, and code enforcement activities. During my tenure, the City of Ocean Springs confronted significant growth related issues in both commercial and single-family residential areas. I dealt with and was the primary point of contact for developers of these residential developments to assure that the developments were properly planned and would be assets to the community. I served as the Planning Manager for the City of Hattiesburg from 2012 to 2014. My job duties and responsibilities included the management of all land use planning



related functions of the Urban Development Department. This routinely included the preparations of reports and analyses of land use applications. I served as chairman of the city's site plan review committee which reviewed commercial and multifamily construction and expansion projects. With these developments, I addressed site layout, infrastructure, stormwater runoff, traffic circulation and design matters. I assisted with rewrite of Hattiesburg's 1980s Land Development Code and the development of the Midtown Form-Based Code District. This plan sought to intensify and densify the "core" of the city near the University of Southern Mississippi and Forrest General Hospital with mixed uses and multi-family buildings to locate families and residents closer to employment and entertainment centers. Currently, I serve as the City Planner/Director of Planning and Building for the City of Pascagoula. My duties and responsibilities include the daily management of all planning, building, and code enforcement activities of the city. I spend a significant amount of time on zoning and land use matters, including the updating of the City's Comprehensive Plan and administration of the Unified Development Ordinance. I provide reports and recommendations on land use matters to the Planning Board and City Council. I recently led the process of a significant rezoning for the Market Street corridor to assist in the revitalization efforts of the City.

I have operated a planning and land-use consulting business since 2008. In this business, I have provided assistance in recovery related housing projects and downtown areas. I have assisted municipalities and counties in planning activities related to redistricting, trail design, and design review. As I have continued to operate this consulting business, I have served the City of Ocean Springs and Jackson County on project implementation of the Coastal Impact Assistance Program and have worked with local units of government and other consultants in creating Health Care Master Plans. Currently, I am assisting Jackson County with a comprehensive rezoning for a proposed commercial corridor. I have assisted numerous developers and citizens throughout Mississippi in land use matters and provided representation, as necessary.

My professional experience includes extensive work as both a public planner for municipalities and a private planner representing citizens, governments, and developers. In doing so, I have reviewed regulations from both perspectives and have a good understanding of intents and consequences of efforts to properly plan for the development of a community. These experiences include numerous instances related to the amendment of zoning ordinances and land use plans.

B. Information Reviewed.

Documents reviewed during the research for this Land Use Report include but are not limited to the following:

1. Staff Report for the applications;
2. Hattiesburg Land Development Code and Zoning Map;
3. Satellite imagery and photographs of the site;
4. Hattiesburg Comprehensive Plan; and
5. Plats of Mandalay Villas and Augusta Court.

C. Analyses and Professional Opinions.

1. Overview.

The applicants recently purchased Mandalay Villas at Greystone. The site was developed prior to annexation by the City of Hattiesburg, but did not receive Final Plat approval. The plat, however, was filed and recorded by Lamar County in 2007. The development consists of 49 platted lots and common areas that have sat dormant for several years.

Efforts by the previous owners to convey the property were unsuccessful for years. Recently, the applicants purchased the property to finalize construction and develop a neighborhood.

The developers/applicants have met with City and will construct and complete the infrastructure improvements, as required by the City of Hattiesburg. During the meetings with the City, it was determined that a zoning designation should be established for the subdivision. While this may be necessary, this has not been consistently enforced with neighboring properties. Augusta Court and several tracts to the east have no zoning designation despite being issued permits for construction. Tracts to the west of Mandalay Villas have not been zoned.

In addition to the zoning and preliminary plat, the applicants are requesting variances for the side yard setbacks of the lots. The variances provide greater flexibility of housing design and allows for increased footprints or sizes of structures.

2. Approval of Preliminary Plat.

The initial item requested by the applicants is the acceptance of the Preliminary Plat. This request should only consider the modifications of the preliminary plat as compared to the original plat approved in 2007. The modified plat primarily includes administrative notes that address the right of way and common space. Layout of the subdivision and lot sizes are not included with the proposed modifications. The lots were platted with areas that are not consistent with the lot areas of A-1, A-2 or R-1A. In acceptance of the Preliminary Plat, approval criteria must be consistent with Section 12.3.2.1. There has been no evidence provided by Staff or others that demonstrates that the developments modifications are not consistent with the provisions of this section. Meetings with Staff have not left any unresolved construction or environmental related concerns or adjustments. Policy ii of the section requires "conformance to the standards of the zoning district". However, at time of application by the current owners, no zoning district or standard exists for the site.

It should be noted that the changes or modification to the plat should be permitted as an administrative approval reviewed by staff at Final Plat as provided by 12.3.2.4 The modifications reflect "No Significant Change" to the plat and "shall be approved administratively."

3. Site is not Nonconforming

As an unzoned subdivision with 49 lots and common spaces, the subdivision should not be considered nonconforming. There are no stated or known deficiencies with the development. The request for variances and a zoning designation of R-1B are to establish zoning. The development to the east, Augusta Court, has been allowed to develop. Building permits have recently been issued for construction despite no zoning and incomplete infrastructure. Mandalay Villas should be afforded the same consideration. The accommodation of a request by the City to establish a zoning designation should not be used as an opportunity to zone the development to a standard that would make the lots illegal or noncompliant. The application for preliminary plat has been submitted and, as indicated in the staff report, the subdivision is "under development".

12.3.2.1	Approval Criteria.
i.	Conformance with the Hattiesburg <u>Comprehensive Plan</u> .
ii.	Conformance with the standards of the zoning district.
iii.	Conformance with other standards and requirements of this Code and other City policies and regulations.
iv.	Determination that adequate public facilities and services will be available concurrent with the impacts of the subdivision.
v.	Determination that the project will have little or no adverse or negative impacts upon the natural environment.

12.3.2.4	Final Plat.
i.	No Significant Change. Final plats of major subdivisions that are substantially the same as the approved preliminary plat, as determined by the <u>Site and Design Review Committee</u> , shall be approved administratively.

2.4	<u>NONCONFORMITIES.</u>
2.4.1	<u>Generally.</u> Any parcel of land, use, <u>easement</u> , structure, sign or feature lawfully existing on the date of any text change in this Code, or on the date of a zoning map change that does not conform to the requirements of the district in which it is located may be continued and maintained in accordance with the provisions of this Section and other applicable provisions of this Code. Nonconformities may continue as prescribed, but the provisions of this Section are designed to bring about their eventual conformity or elimination.

2.4.2	<u>Nonconforming Lots.</u>
	A legal nonconforming lot is a lot existing legally at the time of the passage of this Code, or the time of annexation into the City's jurisdiction, which does not by reason of design or dimensions conform to the regulations of the district in which it is located. A lot established after the passage of this Code, which does not conform to regulations of the district in which it is located, shall be considered an illegal nonconforming lot and is a violation of this Code. Legal nonconforming lots may continue only in accordance with the following provisions.

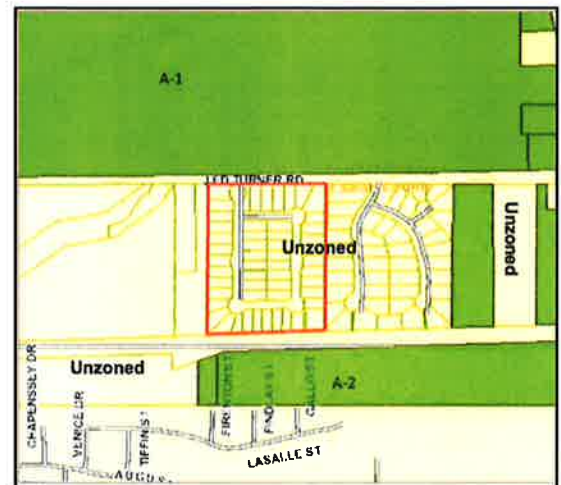
With this, a current application for an on-going project has been submitted prior to the establishment of a zoning designation. The site should be considered a 'vested project' and allowed to proceed regardless of the outcome the zoning.

As defined in Section 2.4.2, the lots within the development cannot be considered nonconforming lots. This section specifies a "legal nonconforming lot is a lot existing legally at the time of the passage of this Code, or the time of annexation into the City's jurisdiction, which does not by reason of design or dimensions conform to the regulations of the district in which it is located." Because there are no design or dimensional requirements of areas of the City that are not zoned, the lots of Mandalay Villas are legal, conforming lots. With no established standards, the subdivision cannot be considered nonconforming. If the City decides to zone the property "after the passage of this Code" in a manner that makes the lots inconsistent with the district's requirements, the lots will be consider "illegal nonconforming lots" and undevelopable.

4. Rezoning to R-1B.

The applicant is requesting the zoning to be established as R-1B. This district is most consistent with the existing lot sizes of the Mandalay Subdivision. This zoning designation is the most logical choice for the development for the following reasons:

- a. All lots except one meets the requirements of the district in terms of area;
- b. R-1A would make a large number of the lots illegal and undevelopable, there are no R-1A areas within the immediate area, and this designation is not consistent with the application.
- c. R-1C would allow for smaller lots that may not be consistent with area.
- d. R-1B provides a transitional zoning between Augusta Court to the east and Acadian Oaks to south.



A. Changes in Neighborhood Character.

Changes in the character of the immediate area are apparent. In recent months, renewed efforts are underway in the adjacent Augusta Court subdivision. In addition, just to the south (and in the unincorporated areas) is Acadian Oaks. Both these develops include more conventional neighborhood design than the nearby A-1 areas that have seen little development over the years.

Augusta Court has lot sizes that are slightly larger than Mandalay Villas, but the developments both are consistent with the R-1B standards of the Land Development Code and the Neighborhood Conservation District 2 of the Comprehensive Plan. With new homes being developed in neighboring subdivisions, a change in character is evident. This change is substantially different than the large, rural lot developments that have occurred to the east.

B. Mistake in Zoning.

While Mississippi Courts have established the use of a "mistake in zoning" as one of the options for consideration of a rezoning, it is rarely used. However, in this case the lack of zoning clearly qualifies as a mistake. The City's Land Development Code does not provide any regulations to address unzoned or unclassified areas. Newly annexed land should be zoned in some manner that most

4.1 TYPES OF ZONING DISTRICTS.

- 4.1.1 All areas within the zoning jurisdiction of Hattiesburg are divided into zoning districts. Zoning districts within the City fall within one of the following three categories.

appropriately fits the character of the area. The area was annexed approximately nine years ago and no zoning has been established. The Land Development Code indicates “All areas within the zoning jurisdiction of Hattiesburg are divided into zoning districts.” This is clearly a mistake because the area is within the zoning jurisdiction and not zoned.

C. Consistency with the Comprehensive Plan.

The Comprehensive Plan identifies the Mandalay Villas and the surrounding area as Neighborhood Conservation District 2. This district is consistent with conventional subdivisions where “large tracts of land were platted as single family residential neighborhoods.” The Neighborhood Conservation District 2 permits “low-density and moderate-density single family residences; building lots with front and side yards with standard depths; and a **lower overall density** of development than downtown or historic district [emphasis added].” The proposed zoning of R-1B is consistent with this district and represents one of the lower density zoning characteristics of the Land Development Code. The Comprehensive Plan indicates that Neighborhood Conservation District 2 should only include single family residential uses, public and quasi-public uses, and small parks.

While some of the lots located to the north and west of Mandalay Villas may have a current development pattern consistent with the Rural Residential/Agricultural District of the Comprehensive Plan, the area is not designated in that manner. The large lots that have been ‘zoned’ Agriculture District 1 (A-1) or Agriculture District 2 (A-2) are not consistent with the Comprehensive Plan’s Future Land Use Map.

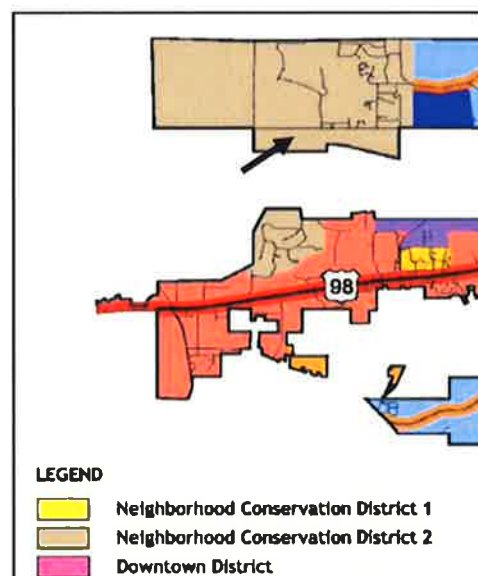
Goal 8 of the Comprehensive Plan states the City should “Promote the construction of high-quality housing in a range of housing types, prices, and densities. Preserve existing housing that is in good condition.” Strategies related to this include “promote the construction of high-quality, safe, clean affordable housing” and “Ensure that housing development regulations allow and encourage the neighborhood and housing trends that are desirable to retirees, including housing on small, low-maintenance lots, condominiums, townhomes, and independent-living and assisted-living facilities.”

D. Public Need

The lack of zoning for the area is in conflict with sound planning principles and the public interest. Without zoning, there is no assurances of conformity and compatible uses. The City of Hattiesburg enacted its Land Development Code decades ago and in 2017 adopted a substantial update to the Code to ensure a properly planned and desirable community. To leave areas ‘unzoned’ is in not consistent with the goals of the Comprehensive Plan or the regulations of the Land Development Code.

Table 4.2-1 Base Districts

District Abbreviation, Name	District Category
A-1, General Agricultural	Agricultural
A-2, Agricultural Residential	Agricultural
R-1A, Single-family Residential	Residential
R-1B, Single-family Residential	Residential
R-1C, Single-family Residential	Residential



4.5.4 R-1B Single-Family Residential District

Description and Purpose.

The purpose of the R-1B District is to permit single family residential uses 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 encourages protected lower density residential neighborhoods with only compatible supporting institutional uses and open space.

Characteristic Development Type



5. Side Yard Variance.

The applicant is requesting side yard setback variances. The R-1B District requires side yard setbacks of ten (10) feet. The request for side yard setback variances of five (5) feet will permit side yard setbacks of five (5) feet. With a number of the lots within the development with widths of fifty-eight (58) to sixty-four (64) feet, the additional ten feet of buildable area or structure width could permit larger structures and greater flexibility on design. While the widths of the lots exceed the minimum widths required of the R-1B District, the additional width could provide a more attractive housing product. The requested variances provide no special privileges to the applicants, but simply provides more options for the home owner or design professional. The requested variances will not impact the ability to meet the requirements of the International Building Codes for Residential Construction, and because the only affected lots are contained within the development, the proposal will not adversely impact neighboring properties. While the lots do meet the minimum requirements of the Land Development Code, the lots are narrower than traditional lots within the City of Hattiesburg and places a hardship on the property owner. The variance will allow the construction of homes more similar to those in the surrounding area. Creating larger lots would place an undue hardship on the owners.

D. Conclusions.

The applicants have purchased a subdivision that has remained undeveloped for several years and are in the process of completing the necessary improvements. The requested Preliminary Plat approval could be addressed administratively, but the Planning Commission approval is being sought. The modified plat should limit consideration to the common areas and rights of way, as requested. As no lots are being adjusted or proposed to be modified, the lots should remain as recorded or platted. With an application pending, any decision on zoning should not remove the vested rights of the property owners.

The zoning of the property should not be needed to move forward with development as other properties in the area have developed with no zoning. However, if 'zoned' the designation should be R-1B. This district is consistent with the lot sizes of the development. If a lower density designation is applied to the subdivision, it could make the subdivision undevelopable and illegal. This places an undue hardship on the property owners.

The subdivision is not considered nonconforming at present, and should not be forced to become an illegal, nonconforming development requirement with lot sizes that are not consistent with the zoning district or the existing plat. The subdivision was created prior to annexation into the City of Hattiesburg, but has sat dormant and vacant for more than 10 years. Efforts by the owners to complete the development are consistent with the Comprehensive Plan and should be encouraged.

The variances requested are minor in nature and are the result of narrow lots that make the properties more difficult to develop or, at minimum, provide less options for design. The side yard setback variances cause no adverse impacts on neighbors, provides no special privileges for the owners, and should provide a better housing product for the general public.

The requests should be approved as requested.

Respectfully Submitted:

A handwritten signature in blue ink, consisting of a large, stylized 'O' followed by a series of loops and a trailing line.

Lowrey, Ginger

From: Jeff Hammond <Jeff.Hammond@usm.edu>
Sent: Tuesday, March 06, 2018 11:43 AM
To: Maddox, Ginger; Guthrie, Stephen
Subject: Concerned Citizen

Ginger/Steven - I am a resident of Forrest County whose property (home) is adjacent to J Ed Turner Drive (82 Fairway Place). It has been brought to my attention the ongoing efforts on the part of Mr. Ashley Robinson for R1-B zoning along J Ed Turner Drive (i.e., to build lots smaller than the normal 10,000 square feet).

I am opposed to Mr. Robinson's efforts and simply want to make known such concerns. I am also aware of a meeting scheduled for March 7th which unfortunately my wife and I will be unable to attend.

Thus, I would like to make known to each of you our personal thoughts:

Economic development is important for our community; however, in my view Mr. Robinson is attempting to maximize his profits at the expense of the neighboring landowners. This is in my view is clearly wrong....particularly for a "values-based" community.

I would hope the "greater good of the neighborhood" would be considered ahead of Mr. Robinson's financial venture (i.e., assume he purchased the property knowing full well the land would have to be rezoned to fit his personal plans).

Please consider what is foremost best for the local community...vice the individual business interests of a single individual.

Respectfully – Jeff Hammond

February 6, 2018

Dear Mayor Barker and Mr. George,

My wife and I bought the bordering lot to Augusta Court. We realized that eventually the subdivision would be built upon. Prior to purchasing and building our lot we looked at the lots and homes already in Augusta Court. We felt that a subdivision of these sized lots and homes would eventually be built. We were ok with that as we did not feel these homes would decrease the value of our home significantly.

We are not happy with Ashley Robinson's request for R1-B zoning on J Ed Turner Drive. It appears that he is asking for smaller lots with lesser setbacks in order to build smaller and more homes without considering the affect that will have on the neighboring properties. We feel that the same size lots as previously allowed for Augusta Court should be upheld. We feel that smaller lots and less expensive homes could lower the value of our and our neighbors' properties. Essentially, we are asking for the zoning and setback requests to be denied and for the subdivision to be zoned R1-A, requiring 10,000 sq. ft. lots or bigger.

Unfortunately we could not attend the Planning Commission Meeting on March 7 at 1pm, held at the Jackie Dole Sherrill Community Center, 220 W. Front St., Hattiesburg.

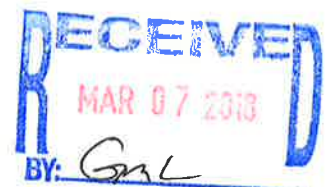
Sincerely,

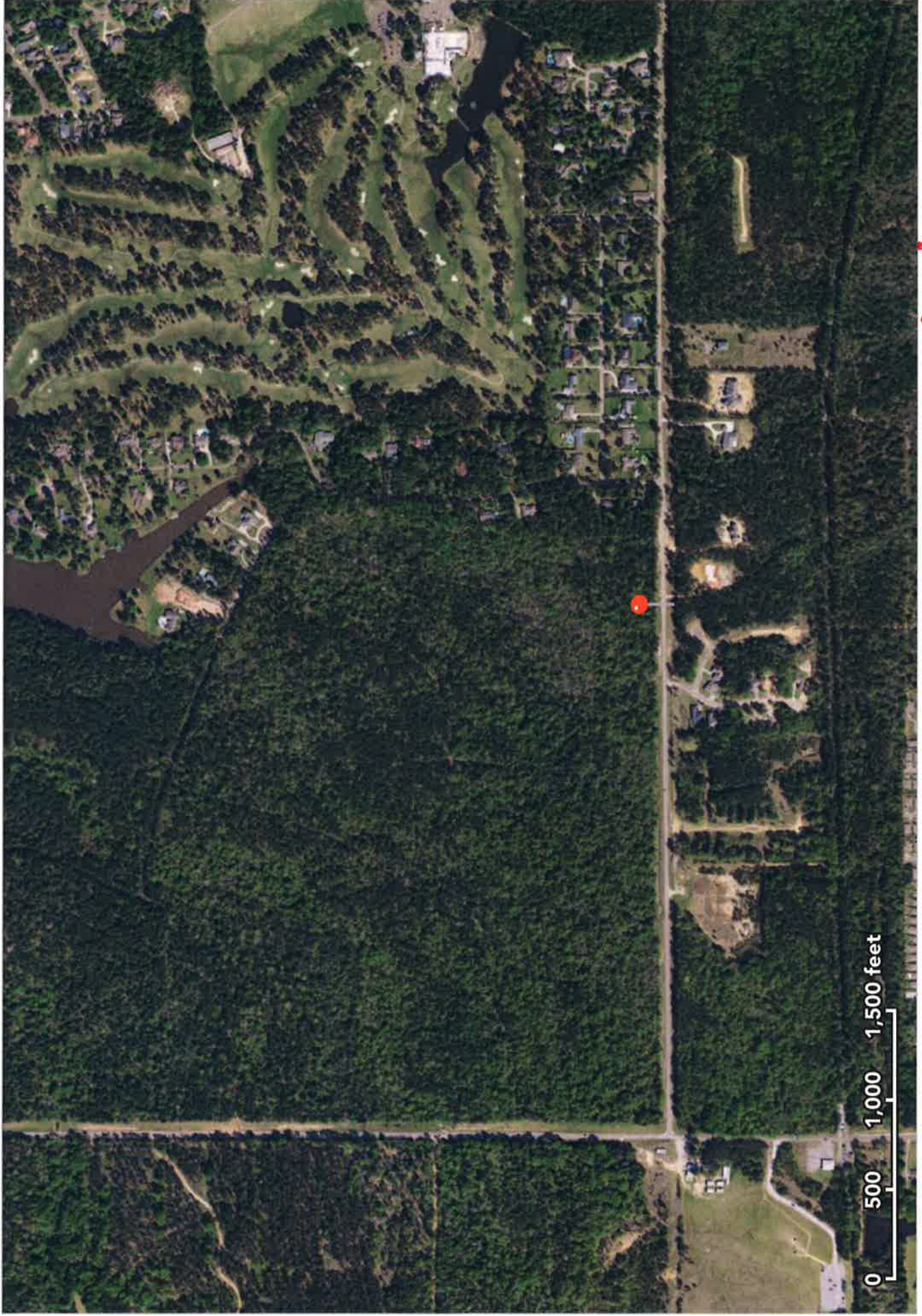


Brent D. Bevard

131 J. Ed Turner Road

Hattiesburg, MS 39402





received
3-7-18 GML

Petition to Maintain Low Density Housing on and near J Ed Turner Drive

Petition summary and background	Request for Planning Commission to deny Items A, B, F, & G on J Ed Turner Drive
Action petitioned for	We, the undersigned, are concerned citizens who urge the Planning Commission to deny the request for relief associated with Items A, B, F, & G on J Ed Turner Drive.

Printed Name	Signature	Address	Comment / e-mail	Date
John & Krista Eye		123 J Ed Turner Drive	John.ey@usm.edu	2/24/2018
Hope Gustafson		6 Augusta Ct W	hopegustafson@gmail.com	2/24/2018
Susan + Danilo Mezzadri		35 Augusta Ct W	Susan.ruggiero@me.com	2/24/2018
Kelsey Hester		85 J Ed Turner	KelseyRoghi@gmail.com	
Al Lee		779 J Ed Turner		2/24/18
ERIC WEILL		71 JED TURNER	ERICWEILL@hotmail.com	2.24.18
Danton Keanee		33 Augusta Ct W		2/25/18
Michael Rinker		10 Augusta Ct	mikejuly13@gmail.com	2/25/18
Austin Sapers		1 Augusta Ct E	austin.sapers@usm.edu	2/25/18
Mary Gerbold		22 Augusta Court W	marygerbold@gmail.com	2/25/18
David Gerbold		22 Augusta Court W	davidgerbold@gmail.com	2/25/18

RECEIVED
MAR 07 2018
BY: GmC

Petition to Maintain Low Density Housing on and near J Ed Turner Drive

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Printed Name	Signature	Address	Comment / e-mail	Date
John & Krista Eye		123 J Ed Turner Drive	John.ey@usm.edu	2/24/2018
Georganna	<i>Georganna</i>	68 Lake Estates Dr.	georganna21@gmail	2/25/18
Lottie Vance	<i>Lottie Vance</i>	85 Fairway Pl	lvance.85@gmail.com	2/25/18
MARTHA McMANAN	<i>MARTHA McMANAN</i>	84 Fairway Pl	MARTHA McMANAN	2/23/18
JEFF HAMMOND	<i>JEFF HAMMOND</i>	82 Fairway Pl	JEFF.HAMMOND@USM.EDU	2/23/18
BEENT D. BEARD	<i>BEENT D. BEARD</i>	131 J. Ed Turner Dr	brentbeard@hotmail.com	2/26/18
Susan Thompson	<i>Susan Thompson</i>	90 Fairway Place	susanb.thompson@gmail.com	3-6-18

RECEIVED
MAR 07 2018
BY: GML



MAYOR
Toby Barker

COUNCIL - WARD ONE

Jeffrey George

COUNCIL - WARD TWO

Deborah Denard Delgado

COUNCIL - WARD THREE

Carter Carroll

COUNCIL - WARD FOUR

Mary Dryden

COUNCIL - WARD FIVE

Nicholas Brown

(052B-03-004.046; 31719, 052B-03-004.047; 31720, 052B-03-004.048; 31721, 052B-03-004.049; 31722, 052B-03-004.050; 31723, 052B-03-004.051; 31724, 052B-03-004.052; 31725, 052B-03-004.053; 31726, 052B-03-004.054; 31727, 052B-03-004.055; 31728, 052B-03-004.056; 31729, 052B-03-004.057; 31730, 052B-03-004.058; 31731, 052B-03-004.059; 31732, 052B-03-004.060; 31733, 052B-03-004.061; 31734, 052B-03-004.062; 31735, 052B-03-004.063; 31736, 052B-03-004.064; 31737, 052B-03-004.066; 31739, 052B-03-004.067; 31740, 052B-03-004.068; 31741, 052B-03-004.069; 31742, 052B-03-004.070; 31743, 052B-03-004.071; 31744, 052B-03-004.072; 31745, 052B-03-004.073; 31746, 052B-03-004.074; 31747, 052B-03-004.076; 31749, 052B-03-004.077; 31750, 052B-03-004.078; 31751, 052B-03-004.079; 31752, 052B-03-004.080; 31753, 052B-03-004.082; 31755, 052B-03-004.083; 31756, 052B-03-004.084; 31757, 052B-03-004.085; 31758, 052B-03-004.086; 31759, 052B-03-004.087; 31760, 052B-03-004.088; 31761, 052B-03-004.089; 31762, 052B-03-004.090; 31763, 052B-03-004.091; 31764, 052B-03-004.092; 31765, 052B-03-004.093; 31766, 052B-03-004.094; 31767, 052B-03-004.095; 31768, 052B-03-004.096; 31769, 052B-03-004.097; 31770, 052B-03-004.075; 31748, 052B-03-004.065; 31738

April 9, 2018

Hattiesburg City Council

Via: Email to Hattiesburg Planning Department

Re: Mandalay Villas, an existing development located in the city of Hattiesburg on J. Ed. Turner Rd.

On December 9, 2016, Safari Timberlands, LLC and Ashley Robinson Builders, LLC purchased a 14.14 acre property with the intentions of creating an upscale residential development. This property, consisting of 49 lots known as Mandalay Villas, was originally platted and filed in Lamar County, MS in July 2007. It was subsequently annexed as a platted subdivision by the city of Hattiesburg on November 10, 2007. Taxes have been paid to the city on 49 individual lots and not as a 14.14 acre parcel. This property was annexed, yet not zoned at the time of annexation. It has yet to be zoned.

It is our desire to have this property zoned R1B. We have presented our recommendations to the Planning Commission who denied R1B. We are appealing the Planning Commission's recommendation to deny R1B zoning.

R1B conforms most closely to the original plat and is consistent with surrounding neighborhoods. Zoning this property R1B would make 48 of the 49 lots conforming. Directly across from and adjacent to the Hattiesburg Country Club are neighborhoods zoned R-1B, R-1C, and R-3.

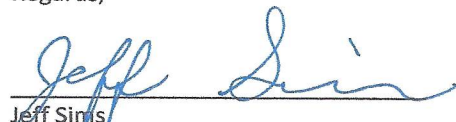
R-1B	8 Lots, Classic Drive at Country Club Ln
R-1C	The Villages, Classic Wood, and The Woodlands
R-3	Bob White Trl at Classic Drive

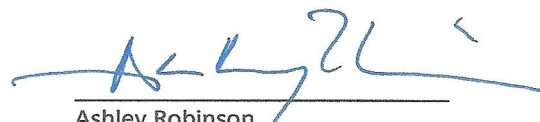
Several neighboring landowners expressed a preference for R1A zoning. However, an R1A zoning would make 49 of the 49 lots non-conforming. Though non-conforming, they would still be legal in a platted subdivision that was annexed and accepted by the City of Hattiesburg. Code 2.4.3.1i allows that if a lot is within 20% of the minimum size standard for a zoning requirement, it can be approved administratively by the Planning Department. Forty-three (43) of the forty-nine (49) lots could be administratively approved. The other six would require a variance from the Board of Adjustments to be buildable.

We would like to build the largest quality homes possible on these legally existing platted lots. The largest, most attractive homes can be built on these lots with R1B zoning and 5 foot side setbacks. R1A standards would limit us to the construction of a smaller and less attractive home.

If this Council finds that an R1B zoning is inappropriate, we could accept an R1A zoning with the understanding that we will need a variance from the Board of Adjustments reducing the side setbacks of each lot from 10 feet to 5 feet, in order to build larger homes that better fit the neighboring developments.

Regards,


Jeff Sims
Safari Timberlands, LLC


Ashley Robinson
Ashley Robinson Builders, LLC



Send to:
Andrew Ellard, Director of Urban Development
Dept. of Urban Development
P.O. Box 1898
Hattiesburg, MS 39403
601.545.4599 or fax 601.545.1962

**REQUEST TO APPEAL PLANNING COMMISSION OR BOARD OF ADJUSTMENTS
RECOMMENDATION**

Today's Date:	March 15, 2018
Planning Commission or Board of Adjustment Date:	March 7, 2018 (Appeals must be made within ten consecutive days of the recommendation)
Name of Property Owner/Petitioner:	Jeff Sims and Ashley Robinson
Name of Person Requesting Appeal Hearing:	Jeff Sims
Mailing Address of Person Requesting Appeal Hearing:	109 Safari Way Hattiesburg, MS 39402
Address of Petitioned Property:	The properties located in the Mandalay Villas at Greystone Subdivision at the intersection of J. Ed Turner Road and Topanga Trail.
Petitioner's Request of the Planning Commission or Board of Adjustments:	Planning Commission Agenda Item G - Hattiesburg Planning Commission March 7, 2018: Establish R-1B zoning for subject property.
Planning Commission or Board of Adjustment's Recommendation:	Approve ☐ or Deny ☒

I/We hereby APPEAL the Planning Commission or Board of Adjustment's Recommendation for the above reference petition and request to hold a Public Hearing before the Hattiesburg City Council.

Jeff Sims
Appellant (print)

Jeff Sims
Appellant (signature)

FILED RECEIVED
MAR 15 2018

MAR 16 2018

BY Carol A. [Signature]
CITY CLERK
DEPUTY CLERK

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 3229

OF THE

CITY OF HATTIESBURG, MISSISSIPPI

**AN ORDINANCE CHANGING AND AMENDING THE
COMPREHENSIVE ZONING DISTRICT MAP, ADOPTED AS PART OF THE
LAND DEVELOPMENT CODE ORDINANCE NO. 3209, AS AMENDED,
OF THE CITY OF HATTIESBURG, MISSISSIPPI
FOR A CERTAIN PROPERTIES LOCATED IN THE MANDALAY VILLAS AT
GREYSTONE SUBDIVISION AT THE INTERSECTION OF J. ED TURNER DRIVE
AND TOPANGA TRAIL
TO ESTABLISH THE ZONING AS SECTION 4.5.3, R-1A (SINGLE-FAMILY
RESIDENTIAL) 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 Comprehensive Zoning Ordinance No. 3209, as amended, of the City of Hattiesburg, Mississippi, be and the same is hereby changed and amended. The Hattiesburg Planning Commission recommended to DENY said change in zoning to 4.5.4 R-1B Single Family Residential District for the following reasons:

Annexation

Said properties are included in attached list of parcels and PPINS, Ward 1, and are described as follows:

A part of the Northeast $\frac{1}{4}$ of the Northwest $\frac{1}{4}$ of Section 3, Township 4 North, Range 14 West, Lamar County, Mississippi, being more particularly described as: Commencing at the Northeast corner of said Section 3; thence run S89°35'03"W along the North line of said Section 3 for 3069.76 feet to the Point of Beginning; thence run South for 885.33 feet to a point on the North Right-of-Way line of Longleaf Trace (Rails to Trails); thence run S88°07'46"W along said North Right-of-Way line for 700.37 feet; thence run North for 903.11 feet to a point on the said North line of said Section 3; thence run N89°35'03"E along said North line for 700.02 feet to the Point of Beginning, comprising 14.37 Acres, more or less (Lots 1-49 including Northeast and

Southeast Detention Ponds).

SECTION 2. The City Council acknowledges that zoning for the aforementioned property, annexed into The City of Hattiesburg effective November 10, 2007, had yet to be established. The Hattiesburg City Council deems Section 4.5.3 R-1A (Single-Family Residential) District a more restrictive and appropriate zoning.

SECTION 3. Except as hereby expressly changed and amended, the aforesaid Comprehensive Zoning District Map and the Land Development Code Ordinance No. 3209, as amended, of said City of Hattiesburg, Mississippi, shall be and remain in full force and form as adopted.

SECTION 4. 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, was introduced by Council member George, seconded by Council member Delgado and adopted by the following vote to-wit:

YEAS: George
Delgado
Carroll
Dryden
Brown

NAYS: None

THE President thereby declared the motion carried and the foregoing Ordinance adopted and approved, this the 17th day of April A.D., 2018.

(S E A L)

ATTEST:


CLERK OF COUNCIL

ADOPTED:


PRESIDENT

THE above and foregoing Ordinance having been submitted to and approved by the Mayor, this the 17th day of April A.D., 2018.

ATTEST:


CITY CLERK

APPROVED:


MAYOR



MAYOR
Toby Barker

COUNCIL - WARD ONE
Jeffrey George

COUNCIL - WARD TWO
Deborah Denard Delgado

COUNCIL - WARD THREE
Carter Carroll

COUNCIL - WARD FOUR
Mary Dryden

COUNCIL - WARD FIVE
Nicholas Brown

(052B-03-004.046; 31719, 052B-03-004.047; 31720, 052B-03-004.048; 31721, 052B-03-004.049; 31722, 052B-03-004.050; 31723, 052B-03-004.051; 31724, 052B-03-004.052; 31725, 052B-03-004.053; 31726, 052B-03-004.054; 31727, 052B-03-004.055; 31728, 052B-03-004.056; 31729, 052B-03-004.057; 31730, 052B-03-004.058; 31731, 052B-03-004.059; 31732, 052B-03-004.060; 31733, 052B-03-004.061; 31734, 052B-03-004.062; 31735, 052B-03-004.063; 31736, 052B-03-004.064; 31737, 052B-03-004.066; 31739, 052B-03-004.067; 31740, 052B-03-004.068; 31741, 052B-03-004.069; 31742, 052B-03-004.070; 31743, 052B-03-004.071; 31744, 052B-03-004.072; 31745, 052B-03-004.073; 31746, 052B-03-004.074; 31747, 052B-03-004.076; 31749, 052B-03-004.077; 31750, 052B-03-004.078; 31751, 052B-03-004.079; 31752, 052B-03-004.080; 31753, 052B-03-004.082; 31755, 052B-03-004.083; 31756, 052B-03-004.084; 31757, 052B-03-004.085; 31758, 052B-03-004.086; 31759, 052B-03-004.087; 31760, 052B-03-004.088; 31761, 052B-03-004.089; 31762, 052B-03-004.090; 31763, 052B-03-004.091; 31764, 052B-03-004.092; 31765, 052B-03-004.093; 31766, 052B-03-004.094; 31767, 052B-03-004.095; 31768, 052B-03-004.096; 31769, 052B-03-004.097; 31770, 052B-03-004.075; 31748, 052B-03-004.065; 31738



City of Hattiesburg, MS

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

Master

File Number: 2018-377

File ID: 2018-377

Type: Regular Agenda Item

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester: Ginger Lowrey

File Created: 04/09/2018

Brief Title: 6192 US Highway 98 - Digital Billboard permit

Final Action: 04/17/2018

Minute Book Number: MB2018-103

Title:

Approve or Deny a petition filed by Clint Walker to request a permit for a replacement "Digital Billboard" as provided in Section 10.13.6 and all applicable regulations for a certain property located at 6192 US Hwy 98 (Parcel 052R-10-015.000, PPIN 20599, Ward 3). The Planning Commission recommended to Approve, on April 4, 2018.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-4

Sponsors:

Enactment Date:

Attachments: Walker Media Digital Billboard - report, April HPC Minutes

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018	Approve				Pass
Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member Delgado to Approve a petition filed by Clint Walker to request a permit for a replacement "Digital Billboard" as provided in Section 10.13.6 and all applicable regulations for a certain property located at 6192 US Hwy 98 (Parcel 052R-10-015.000, PPIN 20599, Ward 3). The Planning Commission recommended to Approve, on April 4, 2018.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							
Yea: 5 Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown							

Text of Legislative File 2018-377

Title

Approve or Deny a petition filed by Clint Walker to request a permit for a replacement “Digital Billboard” as provided in Section 10.13.6 and all applicable regulations for a certain property located at 6192 US Hwy 98 (Parcel 052R-10-015.000, PPIN 20599, Ward 3). The Planning Commission recommended to Approve, on April 4, 2018.

Summary

6192 US Highway 98 - Digital Billboard permit

Budget Information

Expenditure Type

Purchasing Item

Publication Information

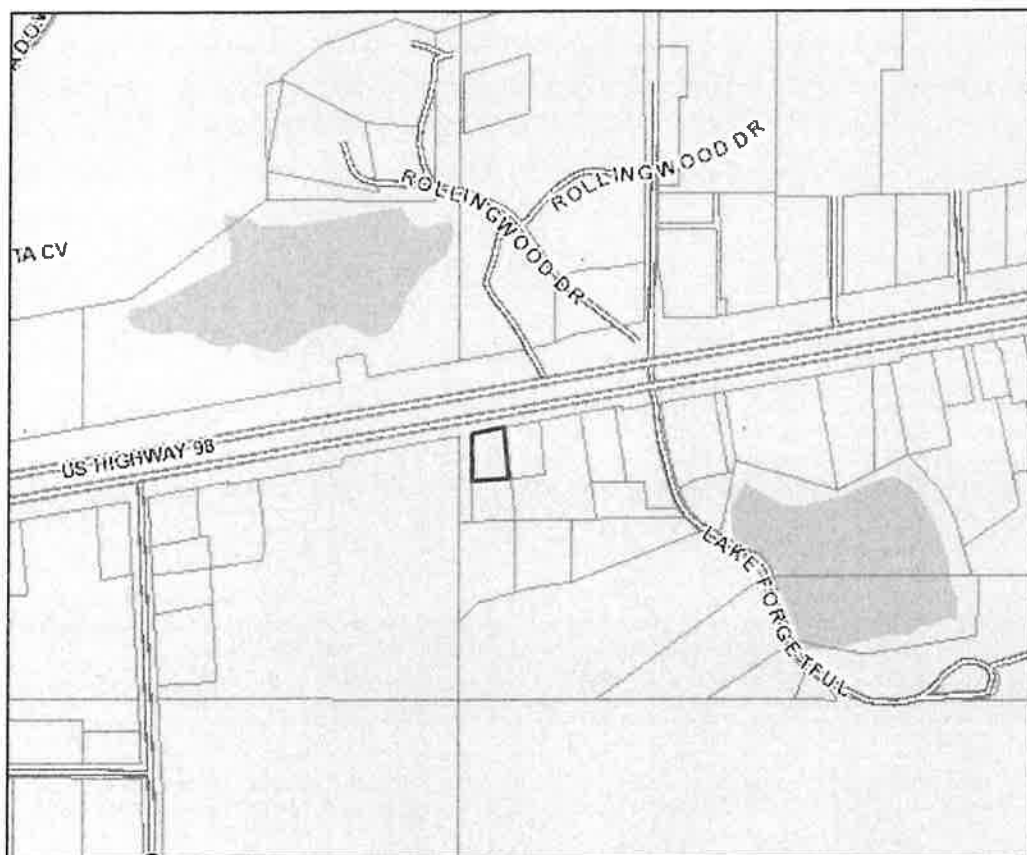
SUBJECT PARCEL: 6192 US Hwy 98

Clint Walker, Applicant

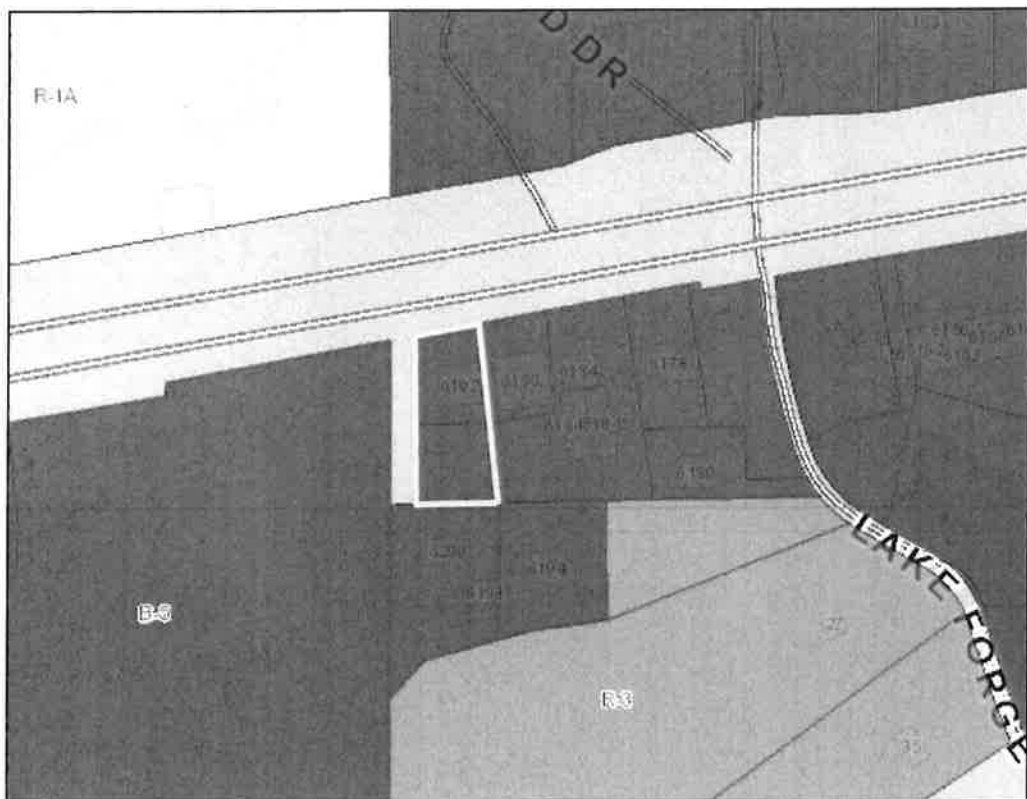
The applicant requests a permit for a replacement "Digital Billboard" as provided in Section 10.13.6 and all applicable regulations for a certain property located at 6192 US Hwy 98 (Parcel 052R-10-015.000, PPIN 20599, Ward 3). located at 6192 US Hwy 98 (Parcel 052R-10-015.000, PPIN 20599, Ward 3).



Vicinity Map—Ward 3



Zoning— B-5



Site Aerial



SURROUNDING AREA

Northern Direction: B-5 (Regional Business) Commercial/Undeveloped



Southern Direction: B-5 (Regional Business) Commercial



Eastern Direction: B-5 (Regional Business) Commercial/Retail



Western Direction: B-5 (Regional Business) Commercial/Undeveloped



**Planning Commission
Case Fact Sheet**

Property Applicant: Clint Walker, Applicant

Address of Properties:
6192 US Hwy 98

Tax Parcels
052R-10-015.000

PPIN:
20599

Ward:
3

Request: **Digital Billboard Permit**

Purpose of Request: To consider an application to request a permit for a replacement "Digital Billboard" as provided in Section 10.13.6 and all applicable regulations for a certain property located at 6192 US Hwy 98 (Parcel 052R-10-015.000, PPIN 20599, Ward 3).

Applicant Summary: See Attached

Applicable Regulations:

Section 10

10.13.6. a. Billboard replacement, of all or any part thereof, shall require the removal of two additional static billboard structures. A building permit for the removal of three static billboard for the conversion of an existing static billboard structure to a digital billboard structure. Confirmation of the removal of the required number of existing static billboard structures shall be on file with the Land Development Code Administrator prior to the issuance of a permit to convert an existing static billboard structure to a digital billboard structure.

10.13.6. b. After an existing billboard structure, digital or static, has been removed of the Land Development Code, no other billboard structure, digital or static, shall be placed on that parcel for a minimum of 24 months.

Present Zoning: This parcel is currently zoned B-5 (Regional Business)

Present Use: Static Billboard

**Surrounding Zoning
and Land Use:**

North: B-5 (Regional Business) Commercial/Undeveloped
South: B-5 (Regional Business) Commercial
East: B-5 (Regional Business) Commercial/Retail
West: B-5 (Regional Business) Commercial/Undeveloped

**Most Nearly
Bounded By (streets):**

This parcel is accessible from the North by Hardy Street and bounded to the East by Lake Forgetful Road, the South by Lincoln Road, and the West by Lamar Boulevard.

**Letters or
Concerns stated:**

The Planning Division Office has not received any letters or other written communications relative to this case as of March 21, 2018.

History / Background:

This application is for a property which currently has a single billboard structure containing four static billboard faces. The applicant previously requested to place a digital billboard in this same location with an accompanying variance to negate the need to remove two additional structures when installing a "replacement" digital billboard. The variance was denied by City Council on January 2, 2018.

The applicant's current application meets the requirement to remove two additional static billboards.

Basis for Approval:

Recommend **APPROVAL** or **DENIAL** of the request for a digital billboard permit.

Use Permit upon Review for Digital Billboard. Replacement Information (3 pages)

1. Billboard Type: ☒ Replacement (see Digital Billboard, New form for new billboards)
2. Located in ☒ Regional Corridor or ☐ Commercial Corridor
3. Specific Corridor locations (check applicable):

REGIONAL:

- ☐ U.S. Highway 49: From Northern city limit southward to intersection with Old Highway 42;
- ☐ U.S. Highway 49: From intersection at Edwards Street and Elk's Lake Road south to southern city limit;
- ☐ Old Highway 42: From intersection at U.S. Highway 49 to Main Street;
- ☒ U.S. Highway 98: From Western city limit eastward to intersection with Interstate 59;
- ☐ U.S. Highway 98: From Eastern city limit westward to intersection with Interstate 59;
- ☐ Interstate 59

COMMERCIAL:

- ☐ U.S. Highway 49: From intersection at Old Highway 42 southward to intersection with Edwards Street.
- ☐ Old Highway 42: From intersection at Main Street eastward to city limit.
- ☐ Broadway Drive: From intersection at West Pine Street southwesterly to intersection with U.S. Highway 49.
- ☐ Hardy Street: From intersection at Interstate 59 eastward to intersection with U.S. Highway 49.
- ☐ Bouie Street: From intersection at Old Highway 42 south to intersection with East 4th Street.
- ☐ James Street (north): From the intersection at Edwards Street south to intersection with J. M. Tatum Industrial Drive.
- ☐ WSF Tatum Boulevard: From U.S. Highway 11 to U.S. Highway 49.

4. ☐ Attached is an inventory of all outdoor signs within the City limits of Hattiesburg. Inventory must include location with longitude/latitude, size, number of faces and type of illumination.

Replacement Billboard - Location Lat./Long: 31.319902 / -89.390088

PPIN: 020599 Street Address: 6192 US-HWY 98, Hattiesburg, MS

Size: height 10 x width 40 Number of faces: 2 Type Illumination: Digital

☐ Conversion or ☒ Replacement of existing Static Billboards with a Digital

Detailed Information on the two (2) Billboards to be removed:

Billboard #1 - Location Lat./Long: 31.350810 / -89.348554

PPIN: 29492 Street Address: 0 Campbell Drive, Hattiesburg, MS

Size: height 4ft x width 10ft Number of faces: 2 Type Illumination: None

Billboard #2 - Location Lat./Long: 31.353397 / -89.347186

PPIN: 27487

Street Address: 6633 Broadacres Drive, Hattiesburg, MS

Size: height 4ft x width 10ft Number of faces: 2 Type Illumination: None

5. Area and Setback Regulations for a REPLACEMENT Digital Billboard:

Billboard-Replacement			
Area and Setback Regulations	Regional Business Corridors	Community Business Corridors	PROVIDE INFO SPECIFIC TO PROPOSED SIGN
1. Primary Structure	Does not apply.	Does not apply.	
2. Spacing between Digital Billboards	Minimum 1,000 linear feet measured radially	Minimum 2,500 linear feet measured radially	
3. Spacing between Digital Billboards and Static Billboards	Minimum 1,000 linear feet measured radially	Minimum 1,250 linear feet measured radially	
4. Distance from residentially zoned districts	Does not apply.	Does not apply.	
5. Face Area	Maximum 400 square feet	Maximum 230 square feet	
6. Face Width	Maximum 40 feet	Maximum 23 feet	
7. Face Height	Maximum 10 feet	Maximum 10 feet	
8. Structure Height	Maximum 35 feet	See Section 95.10 (3.1) (3Dd)	
9. Clearance above ground	Minimum 10 feet	Minimum 10 feet	
10. Front Setback	Does not apply.	Does not apply.	
11. Side Setback	Does not apply.	Does not apply.	
12. Rear Setback	Does not apply.	Does not apply.	
13. Static display time for each message	Minimum eight (8) seconds.	Minimum eight (8) seconds.	
14. Off time for each message change	Maximum two (2) seconds	Maximum two (2) seconds	

I attest to compliance with each initialed box below:

7. ☒ Movement: The image will change instantaneously as seen by the human eye, and shall not use blinking, fading, rolling, shading, dissolving, or similar effects as part of the change. *mcw*
8. ☒ Light levels: All digital billboards shall be equipped with light sensing devices or a scheduled dimming timer that will automatically dim the intensity of the light emitted by the sign during ambient low-light conditions and at night so that the sign does not exceed the maximum brightness levels allowed in this section. *mcw*
9. ☒ Maximum brightness shall not exceed five thousand (5,000) nits when measured from the sign's face at its maximum brightness during daylight hours and shall not exceed five hundred (500) nits when measured from the sign's face at its maximum brightness at night. *mcw*
10. ☒ If such sign is located within one hundred (100) feet of a property with residential zoning, the sign must be oriented such that no portion of the electronic sign face is visible from a residentially-zoned property or the brightness is reduced to no more than two hundred fifty (250) nits at night. *mcw*
11. ☒ Malfunctions: Any malfunction shall be repaired or disconnected within 48 hours by the owner or operator of such billboard. *mcw*

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

- ☐ A. The need to protect the stability, integrity, and character of Hattiesburg's residential neighborhoods.
- ☒ B. The need to preserve and encourage the stability of the Hattiesburg business community. - Allows the advertising of Hattiesburg Business community, will help preserve and encourage stability
- ☐ C. The need to reinforce Hattiesburg's quality of life, preserve neighborhood identity, and boost community pride.
- ☐ D. The need to conserve and protect Hattiesburg's physical infrastructure.
- ☒ E. The public need for the proposed use, as opposed to the private interest of an individual. - From time to time this structure will be used to promote the community and public of Hattiesburg.

Detailed explanation of condition(s) most applicable to your request:

Our structure will preserve and encourage the stability of the
Hattiesburg business community through advertising. And will also, from time to
time be used to promote the community and public through the same channel

**MINUTES OF THE
REGULAR MEETING OF THE
HATTIESBURG PLANNING COMMISSION
April 4, 2018**

The Hattiesburg Planning Commission did meet in a regular session on April 4, 2018 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
Mark Miller
Kenneth Waites
Rebekah Ray
Judy Corts
Jessie Wilson

Commissioners Absent: James Hughes
Paul Sims
Sandra Thompson

Also Present: Ginger Maddox Lowrey, AICP, Planning Division Manager
Andrew Ellard, Director of Urban Development
Stephen Guthrie, Planner
Steve Mitchell, Building Official

Chairman Conville declared the meeting of the Hattiesburg Planning Commission open and in session at 1:07 P.M.

INVOCATION

Commissioner Conville held a moment of silence in honor of Dr. Martin Luther King Jr.

AGENDA REVIEW

There came the matter of the April 2018 Agenda. A request was made by Chairman Conville for a motion to approve the April 2018 Agenda. A motion was made to approve the April 2018 Agenda by Commissioner Wilson and seconded by Commissioner Hinton.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Kenneth Waites
Rebekah Ray
Judy Corts
Jessie Wilson

Commissioners voting nay: None

MINUTES REVIEW

There came the matter of the March 7, 2018, minutes. A request was made by Chairman Conville for a motion to approve the March 7, 2018, minutes. A motion was made by Commissioner Hinton to approve the minutes and seconded by Commissioner Ray.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Kenneth Waites
Rebekah Ray
Judy Corts
Jessie Wilson

Commissioners voting nay: None

REPORTS

BUILDING REPORT

There came the matter of the Building Inspection Report. Steve Mitchell provided a building report for March 2018.

PLANNING REPORT

There came the matter of the Planning Report by Ginger Maddox Lowrey, AICP, Planning Division Manager. On March 19, 2018 the City Council reviewed the following Hattiesburg Planning Commission recommendations and voted as follows: The City Council approved the rezoning of 221 Mobile St. (HPC approval upheld); The City Council approved the partial alley closure north of Tuscan Avenue, between Cherry Street and Cedar Street (HPC approval upheld); The City Council denied the rezoning of 1226 Ida Avenue. (HPC denial upheld); the Rezoning and Conditional Use request for a property on Jackson Road south of the Longleaf Trace remains tabled by the Planning Commission; the establishment of zoning for Mandalay Villas at Greystone Subdivision, denied by the HPC, has been appealed. The public hearing for that appeal has been set for April 16, 2018 at 4:00pm in City Hall before the City Council.

Mrs. Lowrey also informed the Commission of training opportunities for the Planning Commission, tentatively set for July.

CHAIRMAN’S REPORT

There came the matter of the Chairman’s Report. No report was submitted

PUBLIC HEARING – PLANNING COMMISSION

Chairman Conville declared the Public Hearing for the Planning Commission open at 1:12 P.M. and read the rules and procedures of the hearing.

There came the matter of Item A (Digital Billboard), filed by Clint Walker, Applicant, as required in the Land Development Code, Ord. No. 3209, to request a permit for a replacement “Digital Billboard” as provided in Section 10.13.6 and all applicable regulations for a certain property located at 6192 US Hwy 98 (Parcel 052R-10-015.000, PPIN 20599, Ward 3).

	Name	Address	City/State
<u>Presented by:</u>	Clint Walker	7092 Hwy 98	Hattiesburg, MS
	- Owner		

Will Simmons1724A 23rd AveMeridian, MS

- Attorney

Proponents:None

Opponents:None

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Miller made a motion to deny the request due to the fact that the structures required for removal had yet to be used for advertisement. The motion was seconded by Commissioner Ray.

Commissioners voting aye:None

Commissioners voting nay:Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Kenneth Waites
Rebekah Ray
Judy Corts
Jessie Wilson

The motion to deny failed.

Commissioner Hinton made a motion to approve the request. The motion was seconded by Commissioner Corts.

Commissioners voting aye:Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Kenneth Waites
Rebekah Ray
Judy Corts
Jessie Wilson

Commissioners voting nay:None

There came the matter of Item B (Rezoning), filed by Utpal Patel, Owner, as required in the Land Development Code, Ord. No. 3209, to change the zoning classification for a certain property located at 208 North 38th Avenue (Parcel 2-028L-07-144.01, PPIN 41562, Ward 1) from Section 4.5.9, B-2 (Neighborhood Business) District to Section 4.5.10, B-3 (Community Business) District.

Presented by:

NameAddressCity/State

S. Joel JohnsonP.O. Box 17738Hattiesburg, MS

- Attorney

Proponents:None

Opponents:None

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner Miller made a motion to deny the request for rezoning because there is not a material change in the circumstances and conditions of the neighborhood and area surrounding the petitioned property and there is not a public need for the change in question, based on the Comprehensive Plan. The motion was seconded by Commissioner Wilson.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Kenneth Waites
Rebekah Ray
Judy Corts
Jessie Wilson

Commissioners voting nay: None

BUSINESS MEETING

There being no further business, the meeting was adjourned at 1:55 PM. Commissioner Hinton made a motion to adjourn the meeting. The motion was seconded at Commissioner Corts.

Dick Conville, Chairman

Ginger Maddox Lowrey, AICP, CFM, Planning Division Manager



City of Hattiesburg, MS

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

Master

File Number: 2018-392

File ID: 2018-392

Type: Resolution

Status: Passed

Version: 2

Reference:

In Control: City Council

Requester: Chris Price

File Created: 04/09/2018

Brief Title: Adopt a Resolution setting Public Hearing at 4 p.m.
Monday, May 21, 2018, for unsafe properties.

Final Action: 04/17/2018

Minute Book Number: MB2018-103

Title: Adopt a Resolution setting Public Hearing before City Council at 4 p.m. on Monday, May 21, 2018 to determine if certain properties are in such a state of uncleanness so as to be a menace to the health and safety of the community and providing for notice to owners and authorize publication of the notice hearing.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-5

Sponsors:

Enactment Date:

Attachments: Set public hearing MEMORANDUM 4.17.18, RES-Set Public Hearing, Unsafe Properties, 04-17-18, RES#2018-60, executed RES-Set Public Hearing, Unsafe Properties, 04-17-18

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Ashley Fortenberry

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
2	City Council	04/17/2018	Adopt				Pass
Action Text: A MOTION was made by Council Member George and seconded by Council Member Delgado to Adopt a Resolution setting Public Hearing before City Council at 4 p.m. on Monday, May 21, 2018 to determine if certain properties are in such a state of uncleanness so as to be a menace to the health and safety of the community and providing for notice to owners and authorize publication of the notice hearing.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							

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

Text of Legislative File 2018-392

Title

Adopt a Resolution setting Public Hearing before City Council at 4 p.m. on Monday, May 21, 2018 to determine if certain properties are in such a state of uncleanliness so as to be a menace to the health and safety of the community and providing for notice to owners and authorize publication of the notice hearing.

Summary

Adopt a Resolution setting Public Hearing at 4 p.m. Monday, May 21, 2018, for unsafe properties.

Budget Information

Expenditure Type

Purchasing Item

Publication Information



MAYOR
Toby Barker

COUNCIL - WARD ONE
Jeffrey George

COUNCIL - WARD TWO
Deborah Denard Delgado

COUNCIL - WARD THREE
Carter Carroll

COUNCIL - WARD FOUR
Mary Dryden

COUNCIL - WARD FIVE
Nicholas Brown

MEMORANDUM

TO: Mayor and City Council

FROM: Chris Price, Code Enforcement Division Manager

DATE: April 6, 2018

RE: Setting of Public Hearing

I hereby request the setting of a Public Hearing at 4 p.m. on Monday, May 21, 2018, to determine if the properties listed below constitute issues of safety and health according to the provisions of MS Code of 1972, Section 21-19-11.

Address	PPIN #	Ward	Violations
1. 202 S. 14 th Ave	16886	4	AB, DB, OGL, UC, VS, DM
2. 802 W. Pine St	19265	4	AB, DB, OGL, T&L, VS, DM
3. 451 W. 4 th St.	14456	2	DS, OGL, T&L, US, DM

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

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

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

RESOLUTION

WHEREAS, complaint has been made to the City of Hattiesburg, Mississippi, that the following properties to wit:

<u>Address</u>	<u>PPIN #</u>	<u>Ward</u>	<u>Violations</u>
1. 202 S. 14 th Ave	16886	4	AB, DB, OGL, UC, VS, DM
2. 802 W. Pine St	19265	4	AB, DB, OGL, T&L, VS, DM
3. 451 W. 4 th St.	14456	2	DS, OGL, T&L, US, DM

are in such a state of uncleanliness so as to be a menace to the health and safety of the community;
and

WHEREAS, it is in the public interest that the City Council, on its own motion, hold hearings as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the above properties are in such a state of uncleanliness so as to be a menace to the health and safety of the community.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, that the owners of the above-described properties be notified, as provided by law, of a hearing to be held by the City Council in Council Chambers of City Hall in Hattiesburg, Mississippi, at 4:00 p.m. on Monday, May 21, 2018, to determine whether or not the above- described properties are in such a state of uncleanness so as to be a menace to the health and safety of the community.

The above and foregoing Resolution, 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 President thereby declared the motion carried and the resolution adopted, this the 17th day of April, A.D., 2018.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution, having been submitted to and approved by the Mayor, this the 17th day of April, A.D., 2018.

ATTEST:

APPROVED:

CITY CLERK

MAYOR

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

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

RESOLUTION

WHEREAS, complaint has been made to the City of Hattiesburg, Mississippi, that the following properties to wit:

<u>Address</u>	<u>PPIN #</u>	<u>Ward</u>	<u>Violations</u>
1. 202 S. 14 th Ave	16886	4	AB, DB, OGL, UC, VS, DM
2. 802 W. Pine St	19265	4	AB, DB, OGL, T&L, VS, DM
3. 451 W. 4 th St.	14456	2	DS, OGL, T&L, US, DM

are in such a state of uncleanness so as to be a menace to the health and safety of the community;
and

WHEREAS, it is in the public interest that the City Council, on its own motion, hold hearings as provided by Section 21-19-11 of the Mississippi Code of 1972, as annotated and amended, to determine whether or not the above properties are in such a state of uncleanness so as to be a menace to the health and safety of the community.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Hattiesburg, Mississippi, that the owners of the above-described properties be notified, as provided by law, of a hearing to be held by the City Council in Council Chambers of City Hall in Hattiesburg, Mississippi, at 4:00 p.m. on Monday, May 21, 2018, to determine whether or not the above- described properties are in such a state of uncleanliness so as to be a menace to the health and safety of the community.

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

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

The President thereby declared the motion carried and the resolution adopted, this the 17th day of April, A.D., 2018.

(SEAL)

ATTEST:

ADOPTED:


CLERK OF COUNCIL


PRESIDENT

The above and foregoing Resolution, having been submitted to and approved by the Mayor, this the 17th day of April, A.D., 2018.

ATTEST:

APPROVED:


CITY CLERK


MAYOR



City of Hattiesburg, MS

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

Master

File Number: 2018-398

File ID: 2018-398

Type: Resolution

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 04/10/2018

Brief Title: Adopt a Resolution approving the form and execution of an Interlocal Cooperation Agreement between the City and Forrest County for the Hardy South Project TIF Plan.

Final Action: 04/17/2018

Minute Book Number: MB2018-103-104

Title:

Adopt a Resolution approving the form of and authorizing the execution of an Interlocal Cooperation Agreement between the City of Hattiesburg, Mississippi and Forrest County, Mississippi in connection with the Tax Increment Financing Plan (Hardy South Project) as from time to time amended; and for related purposes.

Notes:

Agenda Date:

Indexes:

Agenda Number: V.-6

Sponsors:

Enactment Date:

Attachments: Resoultion-Hardy South, RES#2018-61, executed
Resoultion-Hardy South

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018	Adopt				Pass
Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member Brown to Adopt a Resolution approving the form of and authorizing the execution of an Interlocal Cooperation Agreement between the City of Hattiesburg, Mississippi and Forrest County, Mississippi in connection with the Tax Increment Financing Plan (Hardy South Project) as from time to time amended; and for related purposes.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							

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

Text of Legislative File 2018-398

Title

Adopt a Resolution approving the form of and authorizing the execution of an Interlocal Cooperation Agreement between the City of Hattiesburg, Mississippi and Forrest County, Mississippi in connection with the Tax Increment Financing Plan (Hardy South Project) as from time to time amended; and for related purposes.

Summary

Adopt a Resolution approving the form and execution of an Interlocal Cooperation Agreement between the City and Forrest County for the Hardy South Project TIF Plan.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

The Mayor and City Council of the City of Hattiesburg, Mississippi (the “Governing Body”) took up for consideration the matter of approval of an Interlocal Cooperation Agreement relating to the Tax Increment Financing Plan, Hattiesburg, Mississippi (Hardy South Project) (the “TIF Plan”), and a resolution regarding such Interlocal Cooperation Agreement. After a full consideration and discussion of the matter, Councilperson _____ offered and moved the adoption of the following resolution:

RESOLUTION APPROVING THE FORM OF AND AUTHORIZING THE EXECUTION OF THE AN INTERLOCAL COOPERATION AGREEMENT BETWEEN THE CITY OF HATTIESBURG, MISSISSIPPI AND FORREST COUNTY, MISSISSIPPI IN CONNECTION WITH THE TAX INCREMENT FINANCING PLAN, HATTIESBURG, MISSISSIPPI (HARDY SOUTH PROJECT) AS FROM TIME TO TIME AMENDED; AND FOR RELATED PURPOSES.

WHEREAS, the Governing Body, acting for and on behalf of the City of Hattiesburg, Mississippi (the “City”), hereby finds, determines, adjudicates and declares as follows:

1. Hardy South, LLC requested the City and Forrest County, Mississippi (the “County”) to participate in the construction of the Redevelopment Project (as defined in the Tax Increment Financing Plan, Hattiesburg, Mississippi (Hardy South Project)(the “TIF Plan”)), by issuing tax increment limited obligation bonds in the principal amount not to exceed \$1,000,000 for a term of up to twenty (20) years (the “Bonds”), a portion of the proceeds of which will be used to pay the costs of constructing Improvements (as defined in the TIF Plan) necessary for the Developer’s Project (as defined in the TIF Plan), which requests, following a joint public hearing on September 21, 2015, were approved by the City on September 22, 2015 and County on October 5, 2015; and
2. The City, pursuant to the authority provided in Miss. Code Ann., Sec. 21-45-1 et seq., entered into a Development Agreement (the “Development Agreement”), with the Developer of the TIF District Property under the TIF Plan for purposes of designing, acquiring and constructing the Public Infrastructure Improvements, providing for reimbursement to the Developer(s) from the net proceeds of the TIF Bonds, and providing for construction of the Redevelopment Project according to the TIF Plan.
3. The City, pursuant to the authority provided in Miss. Code Ann., Sec. 21-45-1 et seq., intends to enter into an Interlocal Cooperation Agreement with the County to further the purposes of the TIF Plans and issuance of the Bonds.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY AS FOLLOWS:

SECTION 1. The Governing Body of the City does hereby approve the Interlocal Cooperation Agreement in the form attached hereto as **EXHIBIT A**, and does hereby authorize the Mayor and City Clerk to execute the Interlocal Cooperation Agreement in substantially the same form as attached hereto, for and on behalf of the City.

SECTION 2. For cause, this Resolution shall become effective immediately upon adoption thereof.

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 President thereby declared the motion carried and the resolution adopted, on this the 17th day of April, 2018.

SEAL

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above foregoing Resolution, having been submitted to and approved by the Mayor, this the 17th day of April, A.D., 2018

ATTEST:

APPROVED:

CITY CLERK

MAYOR

EXHIBIT A

**FORM OF INTERLOCAL COOPERATION AGREEMENT BY AND
BETWEEN THE CITY OF HATTIESBURG, MISSISSIPPI AND
FORREST COUNTY, MISSISSIPPI**

INTERLOCAL COOPERATION AGREEMENT

THIS AGREEMENT is made by and between **THE CITY OF HATTIESBURG, MISSISSIPPI** (the "City"), a municipal corporation of the State of Mississippi, acting by and through its duly elected and serving Mayor and City Council, and **FORREST COUNTY, MISSISSIPPI** (the "County"), a political subdivision of the State of Mississippi, acting by and through its duly elected and serving Board of Supervisors.

WITNESSETH:

WHEREAS, the City and County are in need of additional and expanded public infrastructure facilities to foster and support development; and

WHEREAS, the City and County recognize that the Infrastructure Improvements (as herein defined) are necessary to serve the needs of the people of the City and County; and

WHEREAS, the City and the County are authorized pursuant to §§ 21-45-1 et seq., Mississippi Code of 1972, as amended (the "Act"), to contract with each other for joint and cooperative action relating to the financing for the construction of public infrastructure improvements and facilities and to jointly pledge revenues to fund the debt service of any such indebtedness incurred pursuant to the Act; and

WHEREAS, on September 22, 2015, the City approved and adopted the Tax Increment Financing Plan, Hattiesburg, Mississippi (Hardy South Project) (hereinafter the "City TIF Plan"); and

WHEREAS, on October 5, 2015, the County approved and adopted the Tax Increment Financing Plan, Forrest County, Mississippi (Hardy South Project) (hereinafter the "County TIF Plan")(the City TIF Plan and the County TIF Plan collectively referred to hereinafter as the "TIF Plans"); and

WHEREAS, the TIF Plans provide for the issuance of not to exceed the principal amount of \$1,000,000 of Tax Increment Limited Obligation Bonds of the City (the "Bonds") in one or more series to fund acquisition and construction of the Public Infrastructure Improvements (as defined in the TIF Plans and in the Development Agreement (the TIF Plans and the Development Agreement, together with this Agreement, collectively referred to hereinafter as the "TIF Documents")), and for the City and County to jointly pledge certain tax revenues generated by the Project as security for the Bonds; and

WHEREAS, as described in the TIF Documents the Developer, and/or its agents or associated third parties, will timely complete construction and installation of the Project in one or more phases in accordance with the TIF Plan and in accordance with the building codes of the City and all other applicable laws and regulations in order to provide needed public services and infrastructure to certain property located within the City and County as more fully described and

identified in the TIF Documents as the Tax Increment Financing District (the "District Property"); and

WHEREAS, the City and County affirmatively recognize and represent that these joint and mutual efforts, performed under the terms of this Agreement, or otherwise, will foster the development and redevelopment of the District Property, and accord well with the needs of the people of the City and County.

NOW, THEREFORE, FOR AND IN CONSIDERATION of the above and the mutual covenants and promises contained herein, and the sum of Ten Dollars (\$10.00), cash in hand paid, the receipt and sufficiency of which are hereby acknowledged, the City and the County do hereby agree as follows:

1. **DURATION.** This Agreement shall be in force and effect until the Bonds issued by the City under the TIF Documents are paid in full.
2. **PURPOSE.** The purpose of this Agreement is to define the responsibilities of the City and County with respect to the development and redevelopment of the District Property as described and set forth in the TIF Documents and the financing of certain of the Public Infrastructure Improvements in connection thereto.
3. **STATUTORY AUTHORITY.** The City and County are authorized to fulfill the terms of this Agreement under the authority of §§ 21-45-1 et seq., Mississippi Code of 1972, as amended.
4. **INFRASTRUCTURE IMPROVEMENTS.** The proposed development and redevelopment of the District Property shall be as set forth in the TIF Documents and shall consist of the development of the District Property to include the Public Infrastructure Improvements as defined in the TIF Documents.
5. **ADMINISTRATION.** This Agreement shall be administered as a joint undertaking of the City and County. A separate entity is not created under this Agreement.

(1) The City shall have the following obligations and responsibilities:

- a. The City is designated as the legal entity assigned the responsibility for administration of this joint undertaking, and the City Clerk is hereby designated as the officer to receive, disburse and account for the funds of the undertaking in the manner prescribed by law.
- b. Subject to the City's verification of the lawfully available Tax Increment available to the City under the TIF Plans and this Interlocal Agreement, and inspection of the Public Infrastructure Improvements as defined in the TIF Documents, all of which inspection shall be completed by the City using its best efforts and in a timely and expeditious manner, the City will use all reasonable efforts to sell and issue the Bonds in the principal amount of up to \$1,000,000 for up to fifteen (15) years in accordance with the Act on such terms, conditions and rates of interest as shall be mutually

agreeable to the City and to the purchaser of the Bonds, the proceeds of which will be used to pay the cost of acquiring and constructing the Public Infrastructure Improvements, the costs of issuance (including related engineering and attorneys' fees) and capitalized interest. The Bonds may be issued in increments of one (1) or more series once the sinking fund has sufficient amounts to determine the amount of bonds to be issued.

c. Soft costs other than related engineering and attorneys' fees, underwriting commissions, paying and transfer agent fees, and amounts necessary to fund a debt service reserve, if any, along with accompanying documentation, shall be approved by the City and the City shall pay these related soft costs from the proceeds of the Bonds.

d. As set forth in the TIF Documents, the City shall pledge the incremental increase in real and personal ad valorem tax revenues (excluding school taxes) and payments in lieu of tax if applicable generated by the Project to secure the debt service on the Bonds including paying and transfer agent fees, amounts necessary to fund a debt service reserve, if any, and any other amounts required under the City's Bond Resolution for the issuance of the Bonds or for issuance of any bonds or notes to refund the Bonds (the "City Share").

e. The City shall, pursuant to the authority provided in §§ 21-45-1 et seq., Mississippi Code of 1972, as amended, entered into a Development Agreement (the "Development Agreement"), with Developer of the District Property for purposes of designing, acquiring and constructing the Public Infrastructure Improvements, providing for reimbursement to the Developer(s) from the proceeds of the Bonds, and providing for construction of the Redevelopment Project.

f. The City shall open and maintain a bond fund within the City depository into which shall be deposited the City Share and the County Share, as defined in the TIF Documents, of the debt service for the Bonds as provided for in this section 5.

g. The City shall provide for the timely payment of debt service relating to the Bonds utilizing the City Share and the County Share (as defined herein).

h. The City shall provide documentation to the County for any expenditures made with respect to this Agreement.

(2). The County shall have the following obligations and responsibilities:

a. As set forth in the TIF Documents, the County shall pledge the incremental increase in real and personal property ad valorem tax revenue (excluding school taxes) and payments in lieu of taxes if applicable generated by the Redevelopment Project to secure debt service on the Bonds issued by the City including paying and transfer agent fees, amounts necessary to fund a debt service reserve, if any, and, subject to the provisions of section (1)(c) above as to certain related soft costs, any other amounts required under the City's Bond Resolution for the

issuance of the Bonds or for issuance of any bonds or notes issued to refund the Bonds (the "County Share").

b. The County hereby agrees to execute any security instruments consistent with this Agreement as may be reasonably necessary and required by the City's Bond Resolution for the issuance of the Bonds, including any Refunding Bonds.

c. The County shall provide for the timely payment of the County Share to the City Clerk so as to enable the City to make timely payment of debt service relating to the Bonds as set forth herein.

6. **AMENDMENT.** This Agreement may be amended by mutual written consent of the City and the County.

7. **EFFECTIVE DATE.** This Agreement shall become effective from and after the date it has been approved by the governing authorities of the City and County and executed by the parties hereto using multiple counterparts.

CITY OF HATTIESBURG, MISSISSIPPI

By: _____
Mayor

ATTEST:

By: _____
City Clerk

FORREST COUNTY, MISSISSIPPI

By: _____
President, Board of Supervisors

ATTEST:

Chancery Clerk

The Mayor and City Council of the City of Hattiesburg, Mississippi (the "Governing Body") took up for consideration the matter of approval of an Interlocal Cooperation Agreement relating to the Tax Increment Financing Plan, Hattiesburg, Mississippi (Hardy South Project) (the "TIF Plan"), and a resolution regarding such Interlocal Cooperation Agreement. After a full consideration and discussion of the matter, Councilperson Dryden offered and moved the adoption of the following resolution:

RESOLUTION APPROVING THE FORM OF AND AUTHORIZING THE EXECUTION OF THE AN INTERLOCAL COOPERATION AGREEMENT BETWEEN THE CITY OF HATTIESBURG, MISSISSIPPI AND FORREST COUNTY, MISSISSIPPI IN CONNECTION WITH THE TAX INCREMENT FINANCING PLAN, HATTIESBURG, MISSISSIPPI (HARDY SOUTH PROJECT) AS FROM TIME TO TIME AMENDED; AND FOR RELATED PURPOSES.

WHEREAS, the Governing Body, acting for and on behalf of the City of Hattiesburg, Mississippi (the "City"), hereby finds, determines, adjudicates and declares as follows:

1. Hardy South, LLC requested the City and Forrest County, Mississippi (the "County") to participate in the construction of the Redevelopment Project (as defined in the Tax Increment Financing Plan, Hattiesburg, Mississippi (Hardy South Project)(the "TIF Plan")), by issuing tax increment limited obligation bonds in the principal amount not to exceed \$1,000,000 for a term of up to twenty (20) years (the "Bonds"), a portion of the proceeds of which will be used to pay the costs of constructing Improvements (as defined in the TIF Plan) necessary for the Developer's Project (as defined in the TIF Plan), which requests, following a joint public hearing on September 21, 2015, were approved by the City on September 22, 2015 and County on October 5, 2015; and
2. The City, pursuant to the authority provided in Miss. Code Ann., Sec. 21-45-1 et seq., entered into a Development Agreement (the "Development Agreement"), with the Developer of the TIF District Property under the TIF Plan for purposes of designing, acquiring and constructing the Public Infrastructure Improvements, providing for reimbursement to the Developer(s) from the net proceeds of the TIF Bonds, and providing for construction of the Redevelopment Project according to the TIF Plan.
3. The City, pursuant to the authority provided in Miss. Code Ann., Sec. 21-45-1 et seq., intends to enter into an Interlocal Cooperation Agreement with the County to further the purposes of the TIF Plans and issuance of the Bonds.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY AS FOLLOWS:

SECTION 1. The Governing Body of the City does hereby approve the Interlocal Cooperation Agreement in the form attached hereto as **EXHIBIT A**, and does hereby authorize the Mayor and City Clerk to execute the Interlocal Cooperation Agreement in substantially the same form as attached hereto, for and on behalf of the City.

SECTION 2. For cause, this Resolution shall become effective immediately upon adoption thereof.

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

YEAS

George
Delgado
Carroll
Dryden
Brown

NAYS None

ABSENT

The President thereby declared the motion carried and the resolution adopted, on this the 17th day of April, 2018.

SEAL

ATTEST:


CLERK OF COUNCIL

ADOPTED:


PRESIDENT

The above foregoing Resolution, having been submitted to and approved by the Mayor, this the 17th day of April, A.D., 2018

ATTEST:


CITY CLERK

APPROVED:


MAYOR

EXHIBIT A

**FORM OF INTERLOCAL COOPERATION AGREEMENT BY AND
BETWEEN THE CITY OF HATTIESBURG, MISSISSIPPI AND
FORREST COUNTY, MISSISSIPPI**

INTERLOCAL COOPERATION AGREEMENT

THIS AGREEMENT is made by and between **THE CITY OF HATTIESBURG, MISSISSIPPI** (the "City"), a municipal corporation of the State of Mississippi, acting by and through its duly elected and serving Mayor and City Council, and **FORREST COUNTY, MISSISSIPPI** (the "County"), a political subdivision of the State of Mississippi, acting by and through its duly elected and serving Board of Supervisors.

WITNESSETH:

WHEREAS, the City and County are in need of additional and expanded public infrastructure facilities to foster and support development; and

WHEREAS, the City and County recognize that the Infrastructure Improvements (as herein defined) are necessary to serve the needs of the people of the City and County; and

WHEREAS, the City and the County are authorized pursuant to §§ 21-45-1 et seq., Mississippi Code of 1972, as amended (the "Act"), to contract with each other for joint and cooperative action relating to the financing for the construction of public infrastructure improvements and facilities and to jointly pledge revenues to fund the debt service of any such indebtedness incurred pursuant to the Act; and

WHEREAS, on September 22, 2015, the City approved and adopted the Tax Increment Financing Plan, Hattiesburg, Mississippi (Hardy South Project) (hereinafter the "City TIF Plan"); and

WHEREAS, on October 5, 2015, the County approved and adopted the Tax Increment Financing Plan, Forrest County, Mississippi (Hardy South Project) (hereinafter the "County TIF Plan")(the City TIF Plan and the County TIF Plan collectively referred to hereinafter as the "TIF Plans"); and

WHEREAS, the TIF Plans provide for the issuance of not to exceed the principal amount of \$1,000,000 of Tax Increment Limited Obligation Bonds of the City (the "Bonds") in one or more series to fund acquisition and construction of the Public Infrastructure Improvements (as defined in the TIF Plans and in the Development Agreement (the TIF Plans and the Development Agreement, together with this Agreement, collectively referred to hereinafter as the "TIF Documents")), and for the City and County to jointly pledge certain tax revenues generated by the Project as security for the Bonds; and

WHEREAS, as described in the TIF Documents the Developer, and/or its agents or associated third parties, will timely complete construction and installation of the Project in one or more phases in accordance with the TIF Plan and in accordance with the building codes of the City and all other applicable laws and regulations in order to provide needed public services and infrastructure to certain property located within the City and County as more fully described and

identified in the TIF Documents as the Tax Increment Financing District (the "District Property"); and

WHEREAS, the City and County affirmatively recognize and represent that these joint and mutual efforts, performed under the terms of this Agreement, or otherwise, will foster the development and redevelopment of the District Property, and accord well with the needs of the people of the City and County.

NOW, THEREFORE, FOR AND IN CONSIDERATION of the above and the mutual covenants and promises contained herein, and the sum of Ten Dollars (\$10.00), cash in hand paid, the receipt and sufficiency of which are hereby acknowledged, the City and the County do hereby agree as follows:

1. **DURATION.** This Agreement shall be in force and effect until the Bonds issued by the City under the TIF Documents are paid in full.
2. **PURPOSE.** The purpose of this Agreement is to define the responsibilities of the City and County with respect to the development and redevelopment of the District Property as described and set forth in the TIF Documents and the financing of certain of the Public Infrastructure Improvements in connection thereto.
3. **STATUTORY AUTHORITY.** The City and County are authorized to fulfill the terms of this Agreement under the authority of §§ 21-45-1 et seq., Mississippi Code of 1972, as amended.
4. **INFRASTRUCTURE IMPROVEMENTS.** The proposed development and redevelopment of the District Property shall be as set forth in the TIF Documents and shall consist of the development of the District Property to include the Public Infrastructure Improvements as defined in the TIF Documents.
5. **ADMINISTRATION.** This Agreement shall be administered as a joint undertaking of the City and County. A separate entity is not created under this Agreement.

(1) The City shall have the following obligations and responsibilities:

- a. The City is designated as the legal entity assigned the responsibility for administration of this joint undertaking, and the City Clerk is hereby designated as the officer to receive, disburse and account for the funds of the undertaking in the manner prescribed by law.
- b. Subject to the City's verification of the lawfully available Tax Increment available to the City under the TIF Plans and this Interlocal Agreement, and inspection of the Public Infrastructure Improvements as defined in the TIF Documents, all of which inspection shall be completed by the City using its best efforts and in a timely and expeditious manner, the City will use all reasonable efforts to sell and issue the Bonds in the principal amount of up to \$1,000,000 for up to fifteen (15) years in accordance with the Act on such terms, conditions and rates of interest as shall be mutually

agreeable to the City and to the purchaser of the Bonds, the proceeds of which will be used to pay the cost of acquiring and constructing the Public Infrastructure Improvements, the costs of issuance (including related engineering and attorneys' fees) and capitalized interest. The Bonds may be issued in increments of one (1) or more series once the sinking fund has sufficient amounts to determine the amount of bonds to be issued.

c. Soft costs other than related engineering and attorneys' fees, underwriting commissions, paying and transfer agent fees, and amounts necessary to fund a debt service reserve, if any, along with accompanying documentation, shall be approved by the City and the City shall pay these related soft costs from the proceeds of the Bonds.

d. As set forth in the TIF Documents, the City shall pledge the incremental increase in real and personal ad valorem tax revenues (excluding school taxes) and payments in lieu of tax if applicable generated by the Project to secure the debt service on the Bonds including paying and transfer agent fees, amounts necessary to fund a debt service reserve, if any, and any other amounts required under the City's Bond Resolution for the issuance of the Bonds or for issuance of any bonds or notes to refund the Bonds (the "City Share").

e. The City shall, pursuant to the authority provided in §§ 21-45-1 et seq., Mississippi Code of 1972, as amended, entered into a Development Agreement (the "Development Agreement"), with Developer of the District Property for purposes of designing, acquiring and constructing the Public Infrastructure Improvements, providing for reimbursement to the Developer(s) from the proceeds of the Bonds, and providing for construction of the Redevelopment Project.

f. The City shall open and maintain a bond fund within the City depository into which shall be deposited the City Share and the County Share, as defined in the TIF Documents, of the debt service for the Bonds as provided for in this section 5.

g. The City shall provide for the timely payment of debt service relating to the Bonds utilizing the City Share and the County Share (as defined herein).

h. The City shall provide documentation to the County for any expenditures made with respect to this Agreement.

(2). The County shall have the following obligations and responsibilities:

a. As set forth in the TIF Documents, the County shall pledge the incremental increase in real and personal property ad valorem tax revenue (excluding school taxes) and payments in lieu of taxes if applicable generated by the Redevelopment Project to secure debt service on the Bonds issued by the City including paying and transfer agent fees, amounts necessary to fund a debt service reserve, if any, and, subject to the provisions of section (1)(c) above as to certain related soft costs, any other amounts required under the City's Bond Resolution for the

issuance of the Bonds or for issuance of any bonds or notes issued to refund the Bonds (the "County Share").

b. The County hereby agrees to execute any security instruments consistent with this Agreement as may be reasonably necessary and required by the City's Bond Resolution for the issuance of the Bonds, including any Refunding Bonds.

c. The County shall provide for the timely payment of the County Share to the City Clerk so as to enable the City to make timely payment of debt service relating to the Bonds as set forth herein.

6. **AMENDMENT.** This Agreement may be amended by mutual written consent of the City and the County.

7. **EFFECTIVE DATE.** This Agreement shall become effective from and after the date it has been approved by the governing authorities of the City and County and executed by the parties hereto using multiple counterparts.

CITY OF HATTIESBURG, MISSISSIPPI

By: _____
Mayor

ATTEST:

By: _____
City Clerk

FORREST COUNTY, MISSISSIPPI

By: _____
President, Board of Supervisors

ATTEST:

Chancery Clerk



City of Hattiesburg, MS

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

Master

File Number: 2018-363

File ID: 2018-363

Type: Resolution

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 04/05/2018

Brief Title: Adopt a Resolution authorizing Requisition No. 18 -
2016 Water/Sewer Bonds.

Final Action: 04/17/2018

Minute Book Number: MB2018-104

Title:

Adopt a Resolution authorizing Requisition No. 18 from the Project Fund Construction Account in connection with a certain loan agreement dated August 18, 2016, by and between the Mississippi Development Bank and the City of Hattiesburg.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-7

Sponsors:

Enactment Date:

Attachments: 2016 Bond Resolution No. 18, RES#2018-62,
executed 2016 Bond Resolution No. 18

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018	Adopt				Pass
	Action Text: Adopt						
		Yea: 5		Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown			

Text of Legislative File 2018-363

Title

Adopt a Resolution authorizing Requisition No. 18 from the Project Fund Construction Account in connection with a certain loan agreement dated August 18, 2016, by and between the

Mississippi Development Bank and the City of Hattiesburg.

Summary

Adopt a Resolution authorizing Requisition No. 18 - 2016 Water/Sewer Bonds.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

The City Council of the City of Hattiesburg, Mississippi (the “City”) acting for and on behalf of the City, took up for consideration the matter of requesting and authorizing Requisition No. **18** 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. 18 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. **18** from the Project Fund Construction Account under the Loan in the total aggregate amount of **\$389,658.70** 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. **18** from the Project Fund Construction Account under the Loan in the total aggregate amount of **Three Hundred Eighty-nine Thousand Six Hundred Fifty-Eight and 70/100 dollars (\$389,658.70)** 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.**18** in the total aggregate amount of **Three Hundred Eighty-nine Thousand Six Hundred Fifty-Eight and 70/100 dollars (\$389,658.70)** 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 **17th day of April, 2018.**

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the **17th day of April, 2018.**

ATTEST:

APPROVED:

CITY CLERK

MAYOR

EXHIBIT A

PROJECT FUND CONSTRUCTION ACCOUNT REQUISITION

PROJECT FUND CONSTRUCTION ACCOUNT REQUISITION

RE: \$25,000,000.00 Mississippi Development Bank Taxable Special Obligation Bonds, Series 2016 (Hattiesburg, Mississippi Combined Water and Sewer System Construction Project) (the "Series 2016 Bonds") secured by \$25,000,000.00 Taxable Promissory Note (Hattiesburg, Mississippi Combined Water and Sewer System Construction Project), dated August 18, 2016 (the "Series 2016 Note").

**TO: Regions Bank
400 West Capitol, 7th Floor
Little Rock, AR 72201
ATTN: Corporate Trust Department**

REQUISITION NO.: 18

DATE OF REQUISITION: 4/17/2018

Item #	Payee Name & Address	Budget Line Item	Payment Amount	Invoice #	Purpose of Payment
1	C B Developers, Inc. 1716 Evelyn Gandy Pkwy., Suite 40 Hattiesburg, MS 39401	93695.7220.54	\$ 98,712.31	Pay App 3	Sewer Improvements Ph V Period: 01/26/17 - 03/25/18 MB: 2017-403
2	C B Developers, Inc. 1716 Evelyn Gandy Pkwy., Suite 40 Hattiesburg, MS 39401	93695.7245.51	\$ 143,565.67	Pay App 2	Water Improvements Ph II Period: 02/17/18 - 3/25/18 MB: 2017-340
3	C B Developers, Inc. 1716 Evelyn Gandy Pkwy., Suite 40 Hattiesburg, MS 39401	093695.7245.62	\$ 69,539.21	Pay App 3	Water Improvements Ph V Period: 01/26/17 - 02/25/18 MB: 2017-341 & 334
4	T L Wallace 4025 Hwy 35 North Columbia, MS 39429	093695.7245.52	\$ 3,164.17	Pay App 16 & Final	Water Improvements Ph III Period: 3/25/17 - 8/28/17 MB: 2015-241 SDW # 1273-W008
5	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7295.70	\$ 5,075.00	20171	Water Plant #1 Rehabilitation Period: 02/25/18 - 03/24/18 MB 2017-81 SDW #1273-W015

6	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7245.62	\$	8,460.00	20173	Water Ph V Period: 02/25/18 - 03/24/18 MB 2011-4/89-110 SDW # 1273-W013
7	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7245.51	\$	11,935.00	20174	Water Ph II - Palmers Crossing Period: 02/25/18 - 3/24/28 MB 2011-4/89-110 SDW #1273-W007
8	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.54	\$	11,712.50	20176	Sewer Improvements Ph V Period: 02/25/18 - 3/24/28 MB 2011-4/89-110 SDW Project# 1273-S005
9	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.70	\$	407.34	20168	Sewer Improvements Ph VIII - Camp St. Area Period: 02/25/18 - 3/24/28 MB 2011-4/89-110 SDW #1273-S010
10	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.72	\$	28,862.50	20169	Sewer Improvements Phase X - Quinn St. Area Period: 02/25/18 - 3/24/28 MB 2011-4/89-110 SDW #1273-S011
11	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	93695.7220.75	\$	6,300.00	20178	CIPP Project Period: 02/25/18 - 3/24/28 MB 2011-4/89-110 SDW #11256
12	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.51	\$	1,925.00	20175	Sewer Improvements Ph XII Period: 02/25/18 - 3/24/28 MB 2011-4/89-110 SDW #1273-S012
				<u>\$ 389,658.70</u>		



Engineering Progress

April 3, 2018

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39401

Attn: Mr. Lamar Rutland, P.E.

RE: Comprehensive Sewer Improvements - Phase V
Hattiesburg, MS

Dear Mr. Rutland,

Enclosed please find Pay Estimate No. 3 for the above referenced project.

Should you have any questions and/or comments, please, do not hesitate to contact me.

Sincerely,

Kyle D. Wallace, P.E.
Project Engineer

/aa
Enclosure

cc: Terry Jackson, SDW Files,
T.L. Wallace

093695, 7220.54

MB 2017-403

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

RECEIVED
4/3/18

42

Progress Estimate

Contractor's Application

For (contract):		COMPREHENSIVE SEWER PHASE 5			11/26/2017		12/25/2017		Application Number: 1/4/2018		
Application Period:		1/26/2017 TO 3/25/2017								0-Jan-00	
		A		B		C		D		E	
Pay Item		Item Description		Unit Price		Bid Value		Estimated Quantity Installed		Value	
				Bid Quantity						Materials Stored (not in C)	
										Total Completed and Stored to Date (D + E)	
										F	
										G	
										Balance to Finish (B - F)	
										%	
										(F)	
1		SITE 1-DOGWOOD DRIVE									
2		4" 160 PSI PVC SANITARY SEWER FORCE MAIN (ALL DEPTHS)									
3		8" SDR 26 PVC SEWER PIPE (0'-6')		1000.0	\$ 7.84	\$ 7,840.00	-	\$ -	-	\$ 0.00	\$ 7,840.00
4		8" SDR 26 PVC SEWER PIPE (6'-8')		1098.0	\$ 24.16	\$ 26,527.68	-	\$ -	-	\$ 0.00	\$ 26,527.68
5		8" SDR 26 PVC SEWER PIPE (8'-10')		601.0	\$ 26.56	\$ 15,962.56	-	\$ -	-	\$ 0.00	\$ 15,962.56
6		8" SDR 26 PVC SEWER PIPE (10'-12')		123.0	\$ 38.55	\$ 4,741.65	-	\$ -	-	\$ 0.00	\$ 4,741.65
7		8" SDR 26 PVC SEWER PIPE (12'-14')		101.0	\$ 43.34	\$ 4,377.34	-	\$ -	-	\$ 0.00	\$ 4,377.34
8		AIR RELEASE AND VACUUM VALVE ASSEMBLY (INCLUDING PR		135.0	\$ 48.14	\$ 6,498.90	-	\$ -	-	\$ 0.00	\$ 6,498.90
9		MANHOLE ITEMS		1.0	\$ 4,189.24	\$ 4,189.24	-	\$ -	-	\$ 0.00	\$ 4,189.24
10		48" PRECAST CONCRETE SEWER MANHOLE (0'-6')		3.0	\$ 2,689.82	\$ 8,069.46	-	\$ -	-	\$ 0.00	\$ 8,069.46
11		48" PRECAST CONCRETE SEWER MANHOLE (6'-8')		8.0	\$ 3,176.78	\$ 25,414.24	-	\$ -	-	\$ 0.00	\$ 25,414.24
12		48" PRECAST CONCRETE SEWER MANHOLE (8'-10')		1.0	\$ 3,658.87	\$ 3,658.87	-	\$ -	-	\$ 0.00	\$ 3,658.87
13		48" PRECAST CONCRETE SEWER MANHOLE (10'-12')		1.0	\$ 4,190.30	\$ 4,190.30	-	\$ -	-	\$ 0.00	\$ 4,190.30
14		48" PRECAST CONCRETE SEWER MANHOLE (12'-14')		1.0	\$ 4,382.73	\$ 4,382.73	-	\$ -	-	\$ 0.00	\$ 4,382.73
15		SEWER SERVICE ITEMS									
16		6" SDR 26 PVC SEWER PIPE FOR SERVICES (ALL DEPTHS)		942.0	\$ 10.60	\$ 9,985.20	-	\$ -	-	\$ 0.00	\$ 9,985.20
17		8" X 8" X 6" PVC TEE		8.0	\$ 323.75	\$ 2,590.00	-	\$ -	-	\$ 0.00	\$ 2,590.00
18		6" PVC CLEANOUT		8.0	\$ 359.74	\$ 2,877.92	-	\$ -	-	\$ 0.00	\$ 2,877.92
19		LIFT STATION ITEMS									
20		LIFT STATION INCL CLEARING AND GRUBBING, BORROW MAT		1.0	\$ 207,236.80	\$ 207,236.80	-	\$ -	-	\$ 0.00	\$ 207,236.80
21		MISCELLANEOUS CONSTRUCTION ITEMS									
22		ABANDONMENT OF SEPTIC TANKS		7.0	\$ 359.68	\$ 2,517.76	-	\$ -	-	\$ 0.00	\$ 2,517.76
23		DROP MANHOLE ASSEMBLY (ALL DEPTHS)		3.0	\$ 869.23	\$ 2,607.69	-	\$ -	-	\$ 0.00	\$ 2,607.69
24		WATER SERVICE REPAIR (INCLUDING SERVICE TUBING, FITTING		4.0	\$ 599.95	\$ 2,399.80	-	\$ -	-	\$ 0.00	\$ 2,399.80
25		CRUSHED AGGREGATE (SIZE 825)		612.0	\$ 44.96	\$ 27,515.52	-	\$ -	-	\$ 0.00	\$ 27,515.52
26		TOTALS				\$ 373,583.66		\$ -	-	\$ 0.00	\$ 373,583.66

Progress Estimate

Contractor's Application

For (contract):		COMPREHENSIVE SEWER PHASE 5			Application Number: 3		0-Jan-00			
Application Period:		1/26/2017 TO 3/25/2017			Application Date:					
Pay Item	A	Bid Quantity	Unit Price	B	C	D	E	F	%	G
	Item Description			Bid Value	Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D+E)	(F)	Balance to Finish (F)
21	Subtotal from Previous Page			\$		\$	\$0.00	\$		\$ 373,583.66
22	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM	2495.0	\$ 10.79	\$		\$	\$0.00	\$	0%	\$ 26,921.05
23	HOT MIX ASPHALT, ST, 9.5MM	208.0	\$ 167.85	\$		\$	\$0.00	\$	0%	\$ 34,912.80
24	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	57.0	\$ 59.95	\$		\$	\$0.00	\$	0%	\$ 3,417.15
25	REMOVAL OF CROSS DRAINS (ALL TYPES AND SIZES)	16.0	\$ 11.99	\$		\$	\$0.00	\$	0%	\$ 191.84
26	30" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS	16.0	\$ 95.92	\$		\$	\$0.00	\$	0%	\$ 1,534.72
27	CLASS "B" CONCRETE, MINOR STRUCTURES	5.0	\$ 2,353.82	\$		\$	\$0.00	\$	0%	\$ 11,769.10
28	GRASSING	1.0	\$ 3,896.56	\$		\$	\$0.00	\$	0%	\$ 3,896.56
29	EROSION CONTROL	1.0	\$ 6,594.17	\$		\$	\$0.00	\$	0%	\$ 6,594.17
30	MOBILIZATION	1.0	\$ 44,960.26	\$		\$	\$0.00	\$	0%	\$ 44,960.26
	MAINTENANCE OF TRAFFIC	1.0	\$ 29,973.50	\$		\$	\$0.00	\$	0%	\$ 29,973.50
1	SITE 2-CORRINE STREET, EMERALD LANE & DUKE AVENUE									
2	8" SDR 26 PVC SEWER PIPE (6'-8')	243.0	\$ 24.46	\$	28	\$ 684.88	\$0.00	\$ 684.88	12%	\$ 5,258.90
3	8" SDR 26 PVC SEWER PIPE (8'-10')	635.0	\$ 26.56	\$	111	\$ 2,948.16	\$0.00	\$ 2,948.16	17%	\$ 13,917.44
4	8" SDR 26 PVC SEWER PIPE (10'-12')	125.0	\$ 28.95	\$	115	\$ 3,329.25	\$0.00	\$ 3,329.25	92%	\$ 289.50
5	8" SDR 26 PVC SEWER PIPE (12'-14')	137.0	\$ 31.35	\$	145	\$ 4,294.95	\$0.00	\$ 4,545.75	106%	\$ (250.80)
6	8" SDR 26 PVC SEWER PIPE (14'-16')	102.0	\$ 36.15	\$	77	\$ 3,687.30	\$0.00	\$ 2,783.55	75%	\$ 903.75
7	8" SDR 26 PVC SEWER PIPE (16'-18')	187.0	\$ 40.94	\$	215	\$ 7,655.78	\$0.00	\$ 8,802.10	115%	\$ (1,146.32)
8	8" SDR 11 HDPE SEWER SERVICE BORE	275.0	\$ 59.47	\$	268	\$ 15,937.96	\$0.00	\$ 15,937.96	97%	\$ 416.29
9	15" SDR 26 PVC SEWER PIPE (6'-8')	733.0	\$ 38.50	\$	647	\$ 24,909.50	\$0.00	\$ 24,909.50	88%	\$ 3,311.00
10	15" SDR 26 PVC SEWER PIPE (8'-10')	336.0	\$ 43.29	\$	315	\$ 13,636.35	\$0.00	\$ 13,636.35	94%	\$ 909.09
11	15" SDR 26 PVC SEWER PIPE (10'-12')	225.0	\$ 48.09	\$	266	\$ 12,791.94	\$0.00	\$ 12,791.94	118%	\$ (1,971.69)
	24" STEEL CASING (BORED)	60.0	\$ 213.46	\$	30	\$ 6,403.80	\$0.00	\$ 6,403.80	50%	\$ 6,403.80
	MANHOLE ITEMS									
12	48" PRECAST CONCRETE SEWER MANHOLE (8'-10')	3.0	\$ 3,179.29	\$	-	\$ -	\$0.00	\$	0%	\$ 9,537.87
13	48" PRECAST CONCRETE SEWER MANHOLE (12'-14')	1.0	\$ 3,663.36	\$	1	\$ 3,663.36	\$0.00	\$ 3,663.36	100%	\$ -
	TOTALS			\$		\$ 100,436.60	\$0.00	\$ 100,436.60		\$ 575,333.64

EICDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Contractor's Application

EJCDC No. C-620 (2002 Edition)

Page 4 of 9

Progress Estimate

Contractor's Application

For (contract):		COMPREHENSIVE SEWER PHASE 5				Application Number: 3		0-Jan-00						
Application Period:		1/26/2017 TO 3/25/2017		Application Date:										
		A		B		C		D	E	F	G			
		Item Description		Bid Quantity	Unit Price	Bid Value		Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F)	Balance to Finish F)	(B
Pay Item														

Monthly Totals

	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	TOTAL
		Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
1	SITE 1-DOGWOOD DRIVE											0
2	4" 160 PSI PVC SANITARY SEWER FORCE MAIN (ALL DEPTHS)											0
3	8" SDR 26 PVC SEWER PIPE (0-6')											0
4	8" SDR 26 PVC SEWER PIPE (8'-10')											0
5	8" SDR 26 PVC SEWER PIPE (10'-12')											0
6	8" SDR 26 PVC SEWER PIPE (12'-14')											0
7	AIR RELEASE AND VACUUM VALVE ASSEMBLY (INCLUDING PRECAST CONCRETE MANHOLE)											0
8	MANHOLE ITEMS											0
9	48" PRECAST CONCRETE SEWER MANHOLE (0-6')											0
10	48" PRECAST CONCRETE SEWER MANHOLE (6'-8')											0
11	48" PRECAST CONCRETE SEWER MANHOLE (8'-10')											0
12	48" PRECAST CONCRETE SEWER MANHOLE (10'-12')											0
13	48" PRECAST CONCRETE SEWER MANHOLE (12'-14')											0
14	SEWER SERVICE ITEMS											0
15	6" SDR 26 PVC SEWER PIPE FOR SERVICES (ALL DEPTHS)											0
16	8" X 8" X 6" PVC TEE											0
17	6" PVC CLEANOUT											0
18	LIFT STATION ITEMS											0
19	LIFT STATION INCL CLEARING AND GRUBBING, BORROW MATERIAL, CRUSHED AGGREGATE, CONCRETE WET WELL, PUMPS, ELECTRICAL, DISCONNECT, VALVE PIT, GAUGES, SERVICE POLE, METER BOX, LIFTING CHAIN OR CABLE, GUIDE RAIL ASSEMBLY, CH											0
20	MISCELLANEOUS CONSTRUCTION ITEMS											0
	ABANDONMENT OF SEPTIC TANKS											0
	DROP MANHOLE ASSEMBLY (ALL DEPTHS)											0
	WATER SERVICE REPAIR (INCLUDING SERVICE TUBING, FITTINGS, CORP STOP, CURB STOP, TAPPING SADDLE, ETC.)											0
	CRUSHED AGGREGATE (SIZE 825)											0

Monthly Totals

		1	2	3	4	5	6	7	8	9	10	TOTAL
	DESCRIPTION	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
21	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM											0
22	HOT MIX ASPHALT, ST, 9.5MM											0
23	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)											0
24	REMOVAL OF CROSS DRAINS (ALL TYPES AND SIZES)											0
25	30" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS											0
26	CLASS "B" CONCRETE, MINOR STRUCTURES											0
27	GRASSING											0
28	EROSION CONTROL											0
29	MOBILIZATION											0
30	MAINTENANCE OF TRAFFIC											0
	SITE 2-CORRINE STREET, EMERALD LANE & DUKE AVENUE											0
1	8" SDR 26 PVC SEWER PIPE (6'-8')			28								28
2	8" SDR 26 PVC SEWER PIPE (8'-10')			111								111
3	8" SDR 26 PVC SEWER PIPE (10'-12')			115								115
4	8" SDR 26 PVC SEWER PIPE (12'-14')			145								145
5	8" SDR 26 PVC SEWER PIPE (14'-16')			77								77
6	8" SDR 26 PVC SEWER PIPE (16'-18')			215								215
7	8" SDR 11 HDPE SEWER SERVICE BORE			268								268
8	15" SDR 26 PVC SEWER PIPE (6'-8')		647									647
9	15" SDR 26 PVC SEWER PIPE (8'-10')	200	115									315
10	15" SDR 26 PVC SEWER PIPE (10'-12')	98	168									266
11	24" STEEL CASING (BORED)		30									30
	MANHOLE ITEMS											0
12	48" PRECAST CONCRETE SEWER MANHOLE (8'-10')			1								0
13	48" PRECAST CONCRETE SEWER MANHOLE (12'-14')			1								1

Monthly Totals

	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	TOTAL
		Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
14	48" PRECAST CONCRETE SEWER MANHOLE (14'-16')			1								1
15	60" PRECAST CONCRETE SEWER MANHOLE (6'-8')		2									2
16	60" PRECAST CONCRETE SEWER MANHOLE (10'-12')	2										3
17	DROP MANHOLE ASSEMBLY (ALL DEPTHS)			1								1
18	DEMOLITION AND REMOVAL OF EXISTING SEWER MANHOLE			5								5
	SEWER SERVICE ITEMS											0
19	6" SDR 26 PVC SEWER PIPE FOR SERVICES (ALL DEPTHS)	17										586
20	8" X 8" X 6" PVC TEE											10
21	SERVICE CONNECTION (INSERT A TEE)	1										17
22	6" PVC CLEANOUT	1										25
	MISCELLANEOUS CONSTRUCTION ITEMS											0
23	WATER SERVICE REPAIR (INCLUDING SERVICE TUBING, FITTINGS, CORP STOP, CURB STOP, TAPPING SADDL											11
24	CRUSHED AGGREGATE (SIZE 825)	111.39	538.72	451.21								1101.32
25	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM		716	1762								2478
26	HOT MIX ASPHALT, 5T, 9.5MM											0
27	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)											0
28	REMOVAL OF CROSS DRAINS (ALL TYPES AND SIZES)		88									88
29	12" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS											0
30	18" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS	40										88
31	21" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS											0
32	24" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS											0
33	CLASS "B" CONCRETE, MINOR STRUCTURES		0									0
34	GRASSING											0
35	EROSION CONTROL											0
36	MOBILIZATION	0.5	0.5									1

Monthly Totals

[illegible]



Engineering Progress

March 30, 2018

City of Hattiesburg
Post Office Box 1898
Hattiesburg MS 39403-1898

Attn: Lamar Rutland, P.E.

**RE: Comprehensive Water Improvements Ph II -
City of Hattiesburg**

Dear Mr. Rutland:

Enclosed please find Pay Estimate No. 2 for the above referenced project.

Should you have any questions and/or comments, please, do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kyle D. Wallace', is written over a horizontal line.

Kyle D. Wallace, P.E.
Project Engineer

/aa

cc: Terry Jackson, SDW

093695.7245.51

MB 2017-340

RECEIVED
4/2/18

A small, handwritten mark or signature in blue ink is located in the bottom right corner of the page.

Progress Estimate

Contractor's Application

For (contract):		Comprehensive Water Improvements Phase II			Application Number: 2					
Application Period:		2/17/2018	TO	3/25/2018	Application Date: 26-Mar-18					
Pay Item	Item Description	Bid Quantity	Unit Price	Bid Value	C Estimated Quantity Installed	D Value	E Materials Stored (not in C)	F Total Completed and Stored to Date (D + E)	% (F)	G Balance to Finish F)
WATER PIPE ITEMS										
1	4" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	260.0	\$ 25.44	\$ 6,614.40	6	\$ 152.64	\$ 3,977.64	\$ 4,130.28	62%	\$ 2,484.12
2	6" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	280.0	\$ 23.74	\$ 6,647.20	26	\$ 617.24	\$ 2,623.82	\$ 3,241.06	49%	\$ 3,406.14
3	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	590.0	\$ 23.72	\$ 13,994.80	1,320	\$ 31,310.40	-	\$ 31,310.40	224%	\$ (17,315.60)
4	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	27000.0	\$ 31.08	\$ 839,160.00	9,940	\$ 308,935.20	\$ 362,866.20	\$ 671,801.40	80%	\$ 167,358.60
5	12" CLASS 350 DUCTILE IRON WATER PIPE (BORED-NO CASING)	1090.0	\$ 66.98	\$ 73,008.20	20	\$ 1,339.60	\$ 7,869.90	\$ 9,209.50	13%	\$ 63,798.70
6	16" 200 PSI, DR9, HDPE (OPEN CUT)(INCL ADAPTER FITTINGS)	780.0	\$ 111.27	\$ 86,790.60	80	\$ 8,901.60	-	\$ 8,901.60	10%	\$ 77,889.00
7	16" 200 PSI, DR9, HDPE (DIRECTION BORE)(INCL ADAPTER FITTINGS)	460.0	\$ 133.85	\$ 61,571.00	-	\$ -	-	\$ -		\$ 61,571.00
CASING ITEMS										
8	18" STEEL CASING, 0.25" WT (OPEN CUT)	20.0	\$ 112.00	\$ 2,240.00	40	\$ 4,480.00	-	\$ 4,480.00	200%	\$ (2,240.00)
9	14" STEEL CASING, 0.25" WT (BORED)	40.0	\$ 94.99	\$ 3,799.60	-	\$ -	-	\$ -		\$ 3,799.60
10	18" STEEL CASING, 0.25" WT (BORED)	610.0	\$ 112.44	\$ 68,588.40	-	\$ -	-	\$ -		\$ 68,588.40
11	20" STEEL CASING, 0.375" WT (BORED-RAILROAD)	740.0	\$ 295.72	\$ 218,832.80	-	\$ -	-	\$ -		\$ 218,832.80
CONNECTION ITEMS										
12	CONNECTION: PROPOSED 12" TO EXISTING 12" (STRAIGHT CONNECTION)	2.0	\$ 1,509.99	\$ 3,019.98	-	\$ -	-	\$ -		\$ 3,019.98
13	CONNECTION: PROPOSED 12" TO EXISTING 12" (HOT TAP w/ CONNECTION)	3.0	\$ 6,603.33	\$ 19,809.99	-	\$ -	-	\$ -		\$ 19,809.99
14	CONNECTION: PROPOSED 12" TO PROPOSED 12" (TEE & OTHER CONNECTION)	5.0	\$ 1,741.31	\$ 8,706.55	-	\$ -	-	\$ -		\$ 8,706.55
15	CONNECTION: PROPOSED 12" TO PROPOSED 12" & 8" (TEE & OTHER CONNECTION)	1.0	\$ 2,191.77	\$ 2,191.77	-	\$ -	-	\$ -		\$ 2,191.77
16	CONNECTION: PROPOSED 12" TO PROPOSED 8" (TEE & OTHER CONNECTION)	2.0	\$ 1,723.93	\$ 3,447.86	-	\$ -	-	\$ -		\$ 3,447.86
17	CONNECTION: PROPOSED 12" TO PROPOSED 12" & EXISTING CONNECTION	1.0	\$ 3,061.78	\$ 3,061.78	-	\$ -	-	\$ -		\$ 3,061.78
18	CONNECTION: PROPOSED 12" TO PROPOSED 12" & EXISTING CONNECTION	2.0	\$ 2,263.80	\$ 4,527.60	-	\$ -	-	\$ -		\$ 4,527.60
19	CONNECTION: PROPOSED 12" TO EXISTING 6" (TEE & OTHER CONNECTION)	10.0	\$ 1,878.23	\$ 18,782.30	1	\$ 1,878.23	-	\$ 1,878.23	10%	\$ 16,904.07
20	CONNECTION: PROPOSED 12" TO EXISTING 6" & 4" (TEES & OTHER CONNECTION)	1.0	\$ 2,813.19	\$ 2,813.19	-	\$ -	-	\$ -		\$ 2,813.19
21	CONNECTION: PROPOSED 12" TO EXISTING 6" & 4" (CROSS & OTHER CONNECTION)	1.0	\$ 3,093.80	\$ 3,093.80	-	\$ -	-	\$ -		\$ 3,093.80
22	CONNECTION: PROPOSED 12" TO EXISTING 4" (TEE & OTHER CONNECTION)	12.0	\$ 2,025.74	\$ 24,308.88	4	\$ 8,102.96	-	\$ 8,102.96	33%	\$ 16,205.92
TOTALS				\$ 1,475,010.70		\$ 365,717.87	\$ 377,337.56	\$ 743,055.43		\$ 731,955.27

ECDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

For (contract):		Comprehensive Water Improvements Phase II				Application Number: 2		26-Mar-18	
Application Period:		2/17/2018 TO 3/25/2018		Application Date:					
Pay Item	Item Description	Bid Quantity	Unit Price	Bid Value	C	D	E	F	G
					Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	Balance to Finish (B - F)
23	Subtotal from Previous Page			\$ 1,475,010.70		\$ 365,717.87	\$377,337.56	\$ 743,055.43	\$ 731,955.27
24	CONNECTION: PROPOSED 8" TO EXISTING 12" (HOT TAP w/ VALVE)	1.0	\$ 3,660.35	\$ 3,660.35	1	\$ 3,660.35	\$ -	\$ 3,660.35	\$ -
25	CONNECTION: PROPOSED 8" TO EXISTING 6" (TEE & OTHER FITTING)	1.0	\$ 1,702.56	\$ 1,702.56	-	\$ -	\$ -	\$ -	\$ 1,702.56
26	CONNECTION: PROPOSED 8" TO EXISTING 6" & 4" (TEES & OTHER FITTINGS)	1.0	\$ 2,657.87	\$ 2,657.87	2	\$ 5,315.74	\$ -	\$ 5,315.74	\$ (2,657.87)
27	4" GATE VALVE	9.0	\$ 684.95	\$ 6,164.55	7	\$ 4,794.65	\$ -	\$ 4,794.65	\$ 1,369.90
28	6" GATE VALVE	14.0	\$ 840.19	\$ 11,762.66	1	\$ 840.19	\$ -	\$ 840.19	\$ 10,922.47
29	8" GATE VALVE	4.0	\$ 1,154.21	\$ 4,616.84	6	\$ 6,925.26	\$ -	\$ 6,925.26	\$ (2,308.42)
30	12" GATE VALVE	66.0	\$ 2,036.87	\$ 134,433.42	10	\$ 20,368.70	\$ -	\$ 20,368.70	\$ 114,064.72
31	FIRE PROTECTION ITEMS								
32	3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL. TEE, VALVE)	42.0	\$ 3,708.92	\$ 155,774.64	10	\$ 37,089.20	\$ -	\$ 37,089.20	\$ 118,685.44
33	6" FIRE SUPPRESSION SYSTEM CONNECTION (INCL. TEE, VALVE)	1.0	\$ 4,146.85	\$ 4,146.85	-	\$ -	\$ -	\$ -	\$ 4,146.85
34	SERVICE ITEMS								
35	RESIDENTIAL SERVICE TAP (ALL SIZES) (INCL. OPEN CUT SERVICE)	99.0	\$ 445.19	\$ 44,073.81	3	\$ 1,335.57	\$ -	\$ 1,335.57	\$ 42,738.24
36	COMMERCIAL SERVICE TAP (ALL SIZES) (INCL. OPEN CUT SERVICE)	17.0	\$ 1,085.64	\$ 18,455.88	3	\$ 3,256.92	\$ -	\$ 3,256.92	\$ 15,198.96
37	SERVICE TUBING (BORED) (ALL SIZES)	1585.0	\$ 4.13	\$ 6,546.05	-	\$ -	\$ -	\$ -	\$ 6,546.05
38	RESIDENTIAL METER (INCL. METER, METER BOX, CITY FEES, ET AL)	15.0	\$ 550.23	\$ 8,253.45	-	\$ -	\$ -	\$ -	\$ 8,253.45
39	REMOVAL ITEMS								
40	REMOVAL OF FIRE HYDRANT AND APPURTENANCES	24.0	\$ 409.36	\$ 9,824.64	-	\$ -	\$ -	\$ -	\$ 9,824.64
41	ABANDONMENT OF EXISTING WATER LINES WITH FLOWABLE FILL	760.0	\$ 7.75	\$ 5,890.00	-	\$ -	\$ -	\$ -	\$ 5,890.00
42	REMOVE AND RESET EXISTING STORM SEWER CULVERTS (ALL SIZES)	1.0	\$ 4,678.36	\$ 4,678.36	-	\$ -	\$ -	\$ -	\$ 4,678.36
43	MISCELLANEOUS CONSTRUCTION ITEMS								
44	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM FOR GRAVEL	35.0	\$ 21.05	\$ 736.75	46	\$ 968.30	\$ -	\$ 968.30	\$ (231.55)
45	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	460.0	\$ 181.29	\$ 83,393.40	-	\$ -	\$ -	\$ -	\$ 83,393.40
46	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	338.0	\$ 116.96	\$ 39,532.48	-	\$ -	\$ -	\$ -	\$ 39,532.48
47	CONCRETE CURB AND GUTTER REPAIR (MATCH EXISTING IN KIND)	25.0	\$ 58.48	\$ 1,462.00	-	\$ -	\$ -	\$ -	\$ 1,462.00
48	TOTALS			\$ 2,022,777.26		\$ 450,272.75	\$377,337.56	\$ 827,610.31	\$ 1,195,166.95

E/CDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Contractor's Application

EJCDC No. C-620 (2002 Edition)

Page 4 of 10

Monthly Totals

	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	TOTAL
		Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
1	WATER PIPE ITEMS											
2	4" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	4	2									6
3	6" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	6	20									26
4	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	60	1260									1320
5	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	4560	5380									9940
6	12" CLASS 350 DUCTILE IRON WATER PIPE (BORED-NO CASING)	20										20
7	16" 200 PSI, DR9, HOPE (OPEN CUT)(INCL ADAPTER FITTINGS)		80									80
8	16" 200 PSI, DR9, HOPE (DIRECTION BORE)(INCL ADAPTER FITTINGS)											
9	CASING ITEMS											
10	18" STEEL CASING, 0.25" WT (OPEN CUT)		40									40
11	14" STEEL CASING, 0.25" WT (BORED)											
12	18" STEEL CASING, 0.25" WT (BORED)											
13	20" STEEL CASING, 0.375" WT (BORED-RAILROAD)											
14	CONNECTION ITEMS											
15	CONNECTION: PROPOSED 12" TO EXISTING 12" (STRAIGHT CONNECTION w/ FITTINGS)											
16	CONNECTION: PROPOSED 12" TO EXISTING 12" (HOT TAP w/ VALVE ASSEMBLY & OTHER FITTINGS)											
17	CONNECTION: PROPOSED 12" TO PROPOSED 12" (TEE & OTHER FITTINGS)											
18	CONNECTION: PROPOSED 12" TO PROPOSED 12" & 8" (TEE & OTHER FITTINGS)											
19	CONNECTION: PROPOSED 12" TO PROPOSED 8" (TEE & OTHER FITTINGS)											
20	CONNECTION: PROPOSED 12" TO PROPOSED 12" & EXISTING 8" & 6" (TEES & OTHER FITTINGS)											
21	CONNECTION: PROPOSED 12" TO PROPOSED 12" & EXISTING 4" (TEE & OTHER FITTINGS)		1									1
22	CONNECTION: PROPOSED 12" TO EXISTING 6" (TEE & OTHER FITTINGS)											
	CONNECTION: PROPOSED 12" TO EXISTING 6" & 4" (TEES & OTHER FITTINGS)											
	CONNECTION: PROPOSED 12" TO EXISTING 6" & 4" (CROSS & OTHER FITTINGS)											
	CONNECTION: PROPOSED 12" TO EXISTING 4" (TEE & OTHER FITTINGS)	3	1									4

Monthly Totals

	1	2	3	4	5	6	7	8	9	10	TOTAL
	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
23	1										1
24											
25		2									2
26											
27	3	4									7
28		1									1
29		6									6
30	4	6									10
31											
32	5	5									10
33											
34		3									3
35		3									3
36											
37											
38											
39											
40	32	14									46
41											
42											

Monthly Totals

		1	2	3	4	5	6	7	8	9	10	TOTAL
	DESCRIPTION	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
43	CRUSHED AGGREGATE FOR ROAD REPAIR (SIZE 825)	24.26	7.72									31.98
44	TEMPORARY EROSION CONTROL											
45	GRASSING											
46	MAINTENANCE OF TRAFFIC		0.5									0.5
47	MOBILIZATION		0.5									0.5

Stored Material Summary

Contractor's Application

For (contract):		Comprehensive Water Improvements Phase II				Application Number: 2				
Application Period:		2/17/2018		TO 3/25/2018		Application Date: 26-Mar-18				
A	B	C		D		E		F		G
Pay Item No.	Unit Price	Materials Description		Stored Previously		Stored this Month		Incorporated in Work		Materials Remaining in Storage (\$)(D + E - F)
				Quantity	Amount (\$)	Quantity	Amount (\$)	Quantity	Amount (\$)	
		WATER PIPE ITEMS								
1	\$ 15.66	4" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)		-	\$ -	260	\$ 4,071.60	6	\$ 93.96	\$ 3,977.64
2	\$ 10.33	6" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)		-	\$ -	280	\$ 2,892.40	26	\$ 268.58	\$ 2,623.82
3	\$ 13.00	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)		-	\$ -	590	\$ 7,670.00	1,320	\$ 17,160.00	\$ -
4	\$ 21.27	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)		-	\$ -	27,000	\$ 574,290.00	9,940	\$ 211,423.80	\$ 362,866.20
5	\$ 21.27	12" CLASS 350 DUCTILE IRON WATER PIPE (BORED-NO CASING)		-	\$ -	390	\$ 8,295.30	20	\$ 425.40	\$ 7,869.90
6		16" 200 PSI, DR9, HDPE (OPEN CUT)(INCL ADAPTER FITTINGS)		-	\$ -		\$ -	80	\$ -	\$ -
7		16" 200 PSI, DR9, HDPE (DIRECTION BORE)(INCL ADAPTER FITTINGS)		-	\$ -		\$ -		\$ -	\$ -
		CASING ITEMS		-	\$ -		\$ -		\$ -	\$ -
8		18" STEEL CASING, 0.25" WT (OPEN CUT)		-	\$ -		\$ -	40	\$ -	\$ -
9		14" STEEL CASING, 0.25" WT (BORED)		-	\$ -		\$ -		\$ -	\$ -
10		18" STEEL CASING, 0.25" WT (BORED)		-	\$ -		\$ -		\$ -	\$ -
11		20" STEEL CASING, 0.375"WT (BORED-RAILROAD)		-	\$ -		\$ -		\$ -	\$ -
		CONNECTION ITEMS		-	\$ -		\$ -		\$ -	\$ -
12		CONNECTION: PROPOSED 12" TO EXISTING 12" (STRAIGHT CONNECTION w/ FITTINGS)		-	\$ -		\$ -		\$ -	\$ -
13		CONNECTION: PROPOSED 12" TO EXISTING 12" (HOT TAP w/ VALVE ASSEMBLY & OTHER FITTING)		-	\$ -		\$ -		\$ -	\$ -
14		CONNECTION: PROPOSED 12" TO PROPOSED 12" (TEE & OTHER FITTINGS)		-	\$ -		\$ -		\$ -	\$ -
15		CONNECTION: PROPOSED 12" TO PROPOSED 12" & 8" (TEE & OTHER FITTINGS)		-	\$ -		\$ -		\$ -	\$ -
16		CONNECTION: PROPOSED 12" TO PROPOSED 8" (TEE & OTHER FITTINGS)		-	\$ -		\$ -		\$ -	\$ -
17		CONNECTION: PROPOSED 12" TO PROPOSED 12" & EXISTING 8" & 6" (TEES & OTHER FITTINGS)		-	\$ -		\$ -		\$ -	\$ -
18		CONNECTION: PROPOSED 12" TO PROPOSED 12" & EXISTING 4" (TEE & OTHER FITTINGS)		-	\$ -		\$ -	1	\$ -	\$ -
19		CONNECTION: PROPOSED 12" TO EXISTING 6" (TEE & OTHER FITTINGS)		-	\$ -		\$ -		\$ -	\$ -
20		CONNECTION: PROPOSED 12" TO EXISTING 6" & 4" (TEES & OTHER FITTINGS)		-	\$ -		\$ -		\$ -	\$ -
21		CONNECTION: PROPOSED 12" TO EXISTING 6" & 4" (CROSS & OTHER FITTINGS)		-	\$ -		\$ -		\$ -	\$ -
22		CONNECTION: PROPOSED 12" TO EXISTING 4" (TEE & OTHER FITTINGS)		-	\$ -		\$ -	4	\$ -	\$ -
					\$ -		\$ 597,219.30		\$ 229,371.74	\$ 377,847.56
				TOTALS						

EJCDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Stored Material Summary

Contractor's Application

Comprehensive Water Improvements Phase II				Application Number: 2					
Application Period: 2/17/2018 TO 3/25/2018		Application Date: 26-Mar-18							
A	B	C	D		E		F		G
Pay Item No.	Unit Price	Materials Description	Stored Previously		Stored this Month		Incorporated in Work		Materials Remaining in Storage (\$ (D + E - F))
			Quantity	Amount (\$)	Quantity	Amount (\$)	Quantity	Amount (\$)	
		Subtotal From Previous Page				597219.3		229371.74	377337.56
23		CONNECTION: PROPOSED 8" TO EXISTING 12" (HOT TAP w/ VALVE ASSEMBLY & OTHER FITTING	-	\$		\$	1	\$	\$
24		CONNECTION: PROPOSED 8" TO EXISTING 6" (TEE & OTHER FITTINGS)	-	\$		\$		\$	\$
25		CONNECTION: PROPOSED 8" TO EXISTING 6" & 4" (TEES & OTHER FITTINGS)	-	\$		\$	2	\$	\$
		VALVE ITEMS	-	\$		\$		\$	\$
26		4" GATE VALVE	-	\$		\$	7	\$	\$
27		6" GATE VALVE	-	\$		\$	1	\$	\$
28		8" GATE VALVE	-	\$		\$	6	\$	\$
29		12" GATE VALVE	-	\$		\$	10	\$	\$
		FIRE PROTECTION ITEMS	-	\$		\$		\$	\$
30		3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL. TEE, VALVE, HYDRANT, BRASS TAG, PIPE, & O	-	\$		\$	10	\$	\$
31		6" FIRE SUPPRESSION SYSTEM CONNECTION (INCL. TEE, VALVE, PIPE, DISCONNECTION OF EXIST	-	\$		\$		\$	\$
		SERVICE ITEMS	-	\$		\$		\$	\$
32		RESIDENTIAL SERVICE TAP (ALL SIZES) (INCL. OPEN CUT SERVICE TUBING, TAPPING SADDLE, CO	-	\$		\$	3	\$	\$
33		COMMERCIAL SERVICE TAP (ALL SIZES) (INCL. OPEN CUT SERVICE TUBING, TAPPING SADDLE, CO	-	\$		\$	3	\$	\$
34		SERVICE TUBING (BORED) (ALL SIZES)	-	\$		\$		\$	\$
35		RESIDENTIAL METER (INCL. METER, METER BOX, CITY FEES, ETC.)	-	\$		\$		\$	\$
		REMOVAL ITEMS	-	\$		\$		\$	\$
36		REMOVAL OF FIRE HYDRANT AND APPURTENANCES	-	\$		\$		\$	\$
37		ABANDONMENT OF EXISTING WATER LINES WITH FLOWABLE FILL	-	\$		\$		\$	\$
38		REMOVE AND RESET EXISTING STORM SEWER CULVERTS (ALL SIZES)	-	\$		\$		\$	\$
		MISCELLANEOUS CONSTRUCTION ITEMS	-	\$		\$		\$	\$
39		SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM FOR GRAVEL DRIVEWAY REPAIR	-	\$		\$	46	\$	\$
40		ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	-	\$		\$		\$	\$
41		CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	-	\$		\$		\$	\$
42		CONCRETE CURB AND GUTTER REPAIR (MATCH EXISTING IN KIND)	-	\$		\$		\$	\$
		TOTALS		\$		\$ 597,219.30		\$ 229,371.74	\$ 377,337.56

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Contractor's Application

EJCDC No. C-620 (2002 Edition)

Page 10 of 10



Engineering Progress

March 30, 2018

City of Hattiesburg
Post Office Box 1898
Hattiesburg MS 39403-1898

Attn: Lamar Rutland, P.E.

**RE: Comprehensive Water Improvements Ph V -
City of Hattiesburg**

Dear Mr. Rutland:

Enclosed please find Pay Estimate No. 3 for the above referenced project.

Should you have any questions and/or comments, please, do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kyle D. Wallace', is written over a light blue horizontal line.

Kyle D. Wallace, P.E.
Project Engineer

/aa

cc: C.B. Developers, SDW files

093695.7245.62
MB 2017-341

RECEIVED
4/2/18

ln

Contractor's Application For Payment No. 3

To (Owner): THE CITY OF HATTIESBURG		Application Period: Beginning: 1/26/2018 Ending: 2/25/2018		Application Date: 19-Mar-18	
Project: COMPREHENSIVE WATER IMPROVEMENTS PHASE 5		From (Contractor): C.B. DEVELOPERS, INC.		Via (Engineer): SHOWS, DEARMAN & WAITS, INC.	
Owner's Contract No.: Not Applicable		Contract:		Engineer's Project No.:	

Change Order Summary

Approved Change Orders		Deductions	
Number	Additions		
TOTALS	\$ -	\$ -	\$ -
NET CHANGE BY	\$ -		
CHANGE ORDERS			

CONTRACTOR'S CERTIFICATION

The undersigned Contractor certifies that: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By:  Date: 3-30-18

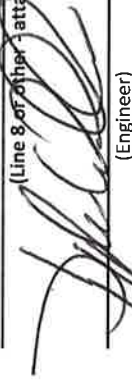
1. ORIGINAL CONTRACT PRICE	\$	1,143,728.04
2. Net change by Change Orders	\$	-
3. CURRENT CONTRACT PRICE (LINE 1 + 2)	\$	1,143,728.04
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimates)	\$	914,624.47
5. RETAINAGE:		
a. 5.0 % x Work Completed	\$	43,134.02
b. 5.0% x Stored Material	\$	2,597.20
c. Total Retainage (line 5a + line 5b)	\$	45,731.22
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)	\$	868,893.25
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	\$	799,354.04
8. AMOUNT DUE THIS APPLICATION	\$	69,539.21
9. BALANCE TO FINISH, PLUS RETAINAGE		
(Column G on Progress Estimate + Line 5 above)	\$	274,834.79

Payment of:

\$69,539.21

(Line 8 or other - attach explanation of other amount)

Is recommended by:

 (Engineer)

4-3-18 (Date)

Payment of:

\$69,539.21

(Line 8 or other - attach explanation of other amount)

Is approved by:

(Owner)

(Date)

Is approved by:

(Owner)

(Date)

Approved by:

(Funding Agency, if applicable)

(Date)

Progress Estimate

Contractor's Application

For (contract):		COMPREHENSIVE WATER IMPROVEMENTS PHASE 5		1/26/2018	Application Nurr		3/19/2018	3	19-Mar-18	
Application Period:		1/26/2018	TO	2/25/2018	Application Date:		3/19/2018	3		
Pay Item	A	Bid Quantity	Unit Price	Bid Value	C	D	E	F	%	G
	Item Description				Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	(F)	Balance to Finish (F)
Site 1-US 49 N & Blackwell Blvd										
WATER PIPE ITEMS										
1	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	1240.0	\$ 21.61	\$ 26,796.40	1,240	\$ 26,796.40	\$ 0.00	\$ 26,796.40	100%	\$ -
2	8" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING)	160.0	\$ 43.45	\$ 6,952.00	260	\$ 11,297.00	\$ 0.00	\$ 11,297.00	163%	\$ (4,345.00)
3	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	4390.0	\$ 31.38	\$ 137,758.20	4,870	\$ 152,820.60	\$ 0.00	\$ 152,820.60	111%	\$ (15,062.40)
4	12" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING)	380.0	\$ 67.39	\$ 25,608.20	460	\$ 30,999.40	\$ 0.00	\$ 30,999.40	121%	\$ (5,391.20)
5	16" HDPE (DR9)(OPEN CUT)(INCL. ADAPTER FITTINGS)	60.0	\$ 113.22	\$ 6,793.20	-	\$ -	\$ 0.00	\$ -	0%	\$ 6,793.20
6	16" HDPE (DR9)(BORED)(NO CASING)(INCL. ADAPTER FITTING)	860.0	\$ 124.87	\$ 107,388.20	-	\$ -	\$ 0.00	\$ -	0%	\$ 107,388.20
6a	22" HDPE (DR13.5) CASING (BORED)	260.0	\$ 148.77	\$ 38,680.20	-	\$ -	\$ 0.00	\$ -	0%	\$ 38,680.20
7	24" STEEL CASING, 0.375"WT (OPEN CUT)	40.0	\$ 85.80	\$ 3,432.00	40	\$ 3,432.00	\$ 0.00	\$ 3,432.00	100%	\$ -
8	24" STEEL CASING, 0.250"WT (BORED)	400.0	\$ 160.72	\$ 64,288.00	500	\$ 80,360.00	\$ 0.00	\$ 80,360.00	125%	\$ (16,072.00)
9	10" HDPE (DR9)(BORED)(NO CASING)(INCL. ADAPTER FITTING)	180.0	\$ 63.10	\$ 11,358.00	180	\$ 11,358.00	\$ 0.00	\$ 11,358.00	100%	\$ -
CONNECTION ITEMS										
10	CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" V	2.0	\$ 1,381.44	\$ 2,762.88	2	\$ 2,762.88	\$ 0.00	\$ 2,762.88	100%	\$ -
11	CONNECTION: PROPOSED 8" DUCTILE IRON WATER LINE TO	1.0	\$ 2,915.08	\$ 2,915.08	1	\$ 2,915.08	\$ 0.00	\$ 2,915.08	100%	\$ -
12	CONNECTION: PROPOSED 8" WATER LINE TO PROPOSED 8" W	1.0	\$ 1,416.56	\$ 1,416.56	1	\$ 1,416.56	\$ 0.00	\$ 1,416.56	100%	\$ -
13	8" GATE VALVE	0.0	\$ -	\$ -	-	\$ -	\$ 0.00	\$ -	#DIV/0!	\$ -
14	12" GATE VALVE	6.0	\$ 1,204.39	\$ 7,226.34	5	\$ 6,021.95	\$ 0.00	\$ 6,021.95	83%	\$ 1,204.39
15	3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL. TEE, VALVE	4.0	\$ 2,119.85	\$ 8,479.40	3	\$ 6,359.55	\$ 0.00	\$ 6,359.55	75%	\$ 2,119.85
	MISCELLANEOUS CONSTRUCTION ITEMS	10.0	\$ 3,907.84	\$ 39,078.40	11	\$ 42,986.24	\$ 0.00	\$ 42,986.24	110%	\$ (3,907.84)
16	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	15.0	\$ 58.54	\$ 878.10	-	\$ -	\$ 0.00	\$ -	0%	\$ 878.10
17	LOOSE RIP RAP, SIZE 100	20.0	\$ 60.88	\$ 1,217.60	-	\$ -	\$ 0.00	\$ -	0%	\$ 1,217.60
18	TEMPORARY EROSION CONTROL	1.0	\$ 585.36	\$ 585.36	1	\$ 585.36	\$ 0.00	\$ 585.36	100%	\$ -
19	GRASSING	1.0	\$ 3,512.14	\$ 3,512.14	1	\$ 3,512.14	\$ 0.00	\$ 3,512.14	100%	\$ -
TOTALS				\$ 497,126.26	\$	\$ 383,623.16	\$ 0.00	\$ 383,623.16		\$ 113,503.10

EICDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

For (contract):		COMPREHENSIVE WATER IMPROVEMENTS PHASE 5			Application Number: 3		19-Mar-18			
Application Period:		1/26/2018 TO 2/25/2018		Application Date:						
Pay Item	A	Bid Quantity	Unit Price	Bid Value	C	D	E	F	%	G
	Item Description				Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	(F)	Balance to Finish (B - F)
20	Subtotal from Previous Page			\$		\$ 383,623.16	\$0.00	\$		\$ 113,503.10
21	MOBILIZATION	1.0	\$ 11,707.13	\$	1	\$ 11,707.13	\$	\$	100%	\$ -
	MAINTENANCE OF TRAFFIC	1.0	\$ 9,951.06	\$	1	\$ 9,951.06	\$	\$	100%	\$ -
	SITE 8"-10"-COMMERCE DRIVE, I-59, AND THORNHILL DRIVE									
	WATER PIPE ITEMS									
1	6" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	60.0	\$ 21.59	\$ 1,295.40	60	\$ 1,295.40	\$	\$ 1,295.40	100%	\$ -
2	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	50.0	\$ 22.37	\$ 1,118.50	85	\$ 1,901.45	\$	\$ 1,901.45	170%	\$ (782.95)
3	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	2990.0	\$ 33.75	\$ 100,912.50	3,045	\$ 102,768.75	\$	\$ 102,768.75	102%	\$ (1,856.25)
4	16" HDPE (DR9)(OPEN CUT)(INCL. ADAPTER FITTINGS)	380.0	\$ 75.79	\$ 28,800.20	340	\$ 25,768.60	\$	\$ 25,768.60	89%	\$ 3,031.60
5	24" STEEL CASING, 0.250"WT (BORED)	340.0	\$ 160.38	\$ 54,529.20	340	\$ 54,529.20	\$	\$ 54,529.20	100%	\$ -
	CONNECTION ITEMS									
6	CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE	2.0	\$ 3,459.46	\$ 6,918.92	1	\$ 3,459.46	\$	\$ 3,459.46	50%	\$ 3,459.46
7	CONNECTION: PROPOSED 12" WATER LINE TO PROPOSED 6" WATER LINE	1.0	\$ 1,459.88	\$ 1,459.88	1	\$ 1,459.88	\$	\$ 1,459.88	100%	\$ -
8	CONNECTION: PROPOSED 6" WATER LINE TO EXISTING 6" WATER LINE	1.0	\$ 3,768.53	\$ 3,768.53	-	\$ -	\$	\$ -	0%	\$ 3,768.53
9	CONNECTION: PROPOSED 12" WATER LINE TO PROPOSED 8" WATER LINE	1.0	\$ 1,503.20	\$ 1,503.20	1	\$ 1,503.20	\$	\$ 1,503.20	100%	\$ -
10	CONNECTION: PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE	1.0	\$ 4,179.45	\$ 4,179.45	2	\$ 8,358.90	\$	\$ 8,358.90	200%	\$ (4,179.45)
11	CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 8" WATER LINE	1.0	\$ 3,378.68	\$ 3,378.68	-	\$ -	\$	\$ -	0%	\$ 3,378.68
	VALVE AND HYDRANT ITEMS									
12	12" GATE VALVE	4.0	\$ 2,120.16	\$ 8,480.64	1	\$ 2,120.16	\$	\$ 2,120.16	25%	\$ 6,360.48
13	3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL. TEE, VALVE)	6.0	\$ 3,896.88	\$ 23,381.28	3	\$ 11,690.64	\$	\$ 11,690.64	50%	\$ 11,690.64
	MISCELLANEOUS CONSTRUCTION ITEMS									
14	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	54.0	\$ 101.85	\$ 5,499.90	-	\$ -	\$	\$ -	0%	\$ 5,499.90
15	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	85.0	\$ 58.54	\$ 4,975.90	-	\$ -	\$	\$ -	0%	\$ 4,975.90
16	CONCRETE CURB & GUTTER REPAIR (ALL TYPES)	125.0	\$ 40.97	\$ 5,121.25	-	\$ -	\$	\$ -	0%	\$ 5,121.25
17	CONCRETE SIDEWALK REPAIR (ALL DEPTHS)	5.0	\$ 40.97	\$ 204.85	-	\$ -	\$	\$ -	0%	\$ 204.85
18	TEMPORARY EROSION CONTROL	1.0	\$ 585.36	\$ 585.36	-	\$ -	\$	\$ -	0%	\$ 585.36
	TOTALS			\$ 774,898.09		\$ 620,136.99	\$0.00	\$ 620,136.99		\$ 154,761.10

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Progress Estimate

Contractor's Application

For (contract):		COMPREHENSIVE WATER IMPROVEMENTS PHASE 5			Application Number: 3		19-Mar-18			
Application Period:		1/26/2018	TO	2/25/2018	Application Date:					
Pay Item	Item Description	Bid Quantity	Unit Price	Bid Value	C	D	E	F	%	G
					Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	(F)	Balance to Finish (F)
19	GRASSING	1.0	\$ 3,512.14	\$ 3,512.14	-	\$ 620,136.99	\$0.00	\$ 620,136.99	0%	\$ 154,761.10
20	MOBILIZATION	1.0	\$ 8,194.99	\$ 8,194.99	1.0	\$ 8,194.99	-	\$ 8,194.99	100%	\$ 3,512.14
21	MANITENANCE OF TRAFFIC	1.0	\$ 5,853.57	\$ 5,853.57	1	\$ 5,853.57	-	\$ 5,853.57	100%	\$ -
	SITE 11-US HWY 98 @WESTOVER DRIVE									
	WATER PIPE ITEMS									
1	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	80.0	\$ 62.11	\$ 4,968.80	70	\$ 4,347.70	-	\$ 4,347.70	88%	\$ 621.10
2	16" HDPE (DR9)(BORED)(NO CASING)(INCL ADAPTER FITTINGS	180.0	\$ 126.91	\$ 22,843.80	180	\$ 22,843.80	-	\$ 22,843.80	100%	\$ -
3	24" STEEL CASING, 0.250"WT (BORED)	160.0	\$ 160.59	\$ 25,694.40	140	\$ 22,482.60	606.40	\$ 23,089.00	90%	\$ 2,605.40
	CONNECTION ITEMS									
4	CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 8" W	1.0	\$ 1,654.22	\$ 1,654.22	1	\$ 1,654.22	-	\$ 1,654.22	100%	\$ -
5	CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" V	1.0	\$ 3,459.46	\$ 3,459.46	1	\$ 3,459.46	-	\$ 3,459.46	100%	\$ -
	VALVE AND HYDRANT ITEMS									
6	12" GATE VALVE	2.0	\$ 2,120.16	\$ 4,240.32	-	\$ -	-	\$ -	0%	\$ 4,240.32
	MISCELLANEOUS CONSTRUCTION ITEMS									
7	TEMPORARY EROSION CONTROL	1.0	\$ 585.36	\$ 585.36	-	\$ -	-	\$ -	0%	\$ 585.36
8	GRASSING	1.0	\$ 585.36	\$ 585.36	-	\$ -	-	\$ -	0%	\$ 585.36
9	MOBILIZATION	1.0	\$ 585.36	\$ 585.36	1	\$ 585.36	-	\$ 585.36	100%	\$ -
10	MANITENANCE OF TRAFFIC	1.0	\$ 585.36	\$ 585.36	1	\$ 585.36	-	\$ 585.36	100%	\$ -
	SITE 12-LINCOLN ROAD AND OAK GROVE ROAD									
	WATER PIPE ITEMS									
1	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	1520.0	\$ 21.14	\$ 32,132.80	120	\$ 2,536.80	18,200.00	\$ 20,736.80	65%	\$ 11,396.00
2	8" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING	540.0	\$ 43.45	\$ 23,463.00	60	\$ 2,607.00	6,240.00	\$ 8,847.00	38%	\$ 14,616.00
3	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	2472.0	\$ 34.88	\$ 86,223.36	1,890	\$ 65,923.20	12,379.14	\$ 78,302.34	91%	\$ 7,921.02
4	12" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASIN	350.0	\$ 67.39	\$ 23,586.50	510	\$ 34,368.90	-	\$ 34,368.90	146%	\$ (10,782.40)
5	10" HDPE (DR9)(BORED)(NO CASING)(INCL. ADAPTER FITTING	240.0	\$ 68.42	\$ 16,420.80	-	\$ -	4,032.00	\$ 4,032.00	25%	\$ 12,388.80
	TOTALS			\$ 1,039,487.69		\$ 795,579.95	\$41,457.54	\$ 837,037.49		\$ 202,450.20

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Contractor's Application

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Monthly Totals

[illegible]

Monthly Totals

		1	2	3	4	5	6	7	8	9	10	TOTAL
	DESCRIPTION	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
20	MOBILIZATION	1										1
21	MAINTENANCE OF TRAFFIC	1										1
	SITE 8-10-COMMERCE DRIVE, I-59, AND THORNHILL DRIVE											
	WATER PIPE ITEMS											
1	6" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)		60									60
2	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)		85									85
3	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	1560	1485									3045
4	16" HDPE (DR9)(OPEN CUT)(INCL. ADAPTER FITTINGS)		340									340
5	24" STEEL CASING, 0.250" WT (BORED)		340									340
	CONNECTION ITEMS											
6	CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE (HOT TAP)		1									1
7	CONNECTION: PROPOSED 12" WATER LINE TO PROPOSED 6" WATER LINE (TEE)		1									1
8	CONNECTION: PROPOSED 6" WATER LINE TO EXISTING 6" WATER LINE (HOT TAP)											0
9	CONNECTION: PROPOSED 12" WATER LINE TO PROPOSED 8" WATER LINE (TEE)		1									1
10	CONNECTION: PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE (HOT TAP)		2									2
11	CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 8" WATER LINE (HOT TAP)											0
	VALVE AND HYDRANT ITEMS											
12	12" GATE VALVE		1									1
13	3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL. TEE, VALVE, HYDRANT, BRASS TAG, PIPE)	1	2									3
	MISCELLANEOUS CONSTRUCTION ITEMS											
14	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)											0
15	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)											0
16	CONCRETE CURB & GUTTER REPAIR (ALL TYPES)											0
	CONCRETE SIDEWALK REPAIR (ALL DEPTHS)											0
18	TEMPORARY EROSION CONTROL											0

Monthly Totals

	1	2	3	4	5	6	7	8	9	10	TOTAL
	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
19											0
20	0.5	0.5									1
21		1									1
	GRASSING MOBILIZATION MAINTENANCE OF TRAFFIC SITE 11-US HWY 88 @WESTOVER DRIVE WATER PIPE ITEMS										
1		70									70
2		180									180
3		140									140
	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT) 16" HDPE (DR9)(BORED)(NO CASING)(INCL ADAPTER FITTINGS) 24" STEEL CASING, 0.250"WT (BORED) CONNECTION ITEMS										
4		1									1
5		1									1
	CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 8" WATER LINE (STRAIGHT REDUCER) CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE (HOT TAP) VALVE AND HYDRANT ITEMS										
6											0
	12" GATE VALVE MISCELLANEOUS CONSTRUCTION ITEMS										
7											0
8											0
9		0.5	0.5								1
10		0.5	0.5								1
	TEMPORARY EROSION CONTROL GRASSING MOBILIZATION MAINTENANCE OF TRAFFIC SITE 12-LINCOLN ROAD AND OAK GROVE ROAD WATER PIPE ITEMS										
1			120								120
2			60								60
3		1080	810	0							1890
4		240	270								510
5			0								0
	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT) 8" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING) 12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT) 12" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING) 10" HDPE (DR9)(BORED)(NO CASING)(INCL ADAPTER FITTINGS)										

Monthly Totals

[illegible]

Stored Material Summary

3's Application

For (contract):		COMPREHENSIVE WATER IMPROVEMENTS PHASE 5		1/26/2018		2/25/2018		3/19/2018		3	
Application Period:		1/26/2018		TO		2/25/2018		Application Date: 19-Mar-18			
A	B	C		D		E		F		G	
Pay Item No.	Unit Price	Materials Description		Stored Previously		Stored this Month		Incorporated in Work		Materials Remaining in Storage (\$)(D + E - F)	
				Quantity	Amount (\$)	Quantity	Amount (\$)	Quantity	Amount (\$)		
		Site 1-US 49 N & Blackwell Blvd									
		WATER PIPE ITEMS									
1			8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	-	\$ -	0	\$ -	1,240	\$ -	\$ -	
2			8" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING)	-	\$ -	0	\$ -	260	\$ -	\$ -	
3			12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	-	\$ -	0	\$ -	4,870	\$ -	\$ -	
4			12" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING)	-	\$ -	0	\$ -	460	\$ -	\$ -	
5			16" HDPE (DR9)(OPEN CUT)(INCL. ADAPTER FITTINGS)	-	\$ -	0	\$ -	0	\$ -	\$ -	
6			16" HDPE (DR9)(BORED)(NO CASING)(INCL. ADAPTER FITTINGS)	-	\$ -	0	\$ -	0	\$ -	\$ -	
6a			22" HDPE (DR13.5) CASING (BORED)	-	\$ -	0	\$ -	0	\$ -	\$ -	
7			24" STEEL CASING, 0.375"WT (OPEN CUT)	-	\$ -	0	\$ -	40	\$ -	\$ -	
8			24" STEEL CASING, 0.250"WT (BORED)	-	\$ -	0	\$ -	500	\$ -	\$ -	
9			10" HDPE (DR9)(BORED)(NO CASING)(INCL. ADAPTER FITTINGS)	-	\$ -	0	\$ -	180	\$ -	\$ -	
		CONNECTION ITEMS									
10			CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE (STRAIGHT)	-	\$ -	0	\$ -	2	\$ -	\$ -	
11			CONNECTION: PROPOSED 8" DUCTILE ITORN WATE RLUNE TO PROPOSED 12" HDPE WATER LINE	-	\$ -	0	\$ -	1	\$ -	\$ -	
12			CONNECTION: PROPOSED 8" WATER LINE TO PROPOSED 8" WATER LINE (TEE)	-	\$ -	0	\$ -	1	\$ -	\$ -	
		VAVLE AND HYDRANT ITEMS									
13			8" GATE VALVE	-	\$ -	0	\$ -	5	\$ -	\$ -	
14			12" GATE VALVE	-	\$ -	0	\$ -	3	\$ -	\$ -	
15			3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL. TEE, VALVE, HYDRANT, BRASS TAG, PIPE, & O	-	\$ -	0	\$ -	11	\$ -	\$ -	
		MISCELLANEOUS CONSTRUCTION ITEMS									
16			CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	-	\$ -	0	\$ -	0	\$ -	\$ -	
17			LOOSE RIP RAP, SIZE 100	-	\$ -	0	\$ -	0	\$ -	\$ -	
18			TEMPORARY EROSION CONTROL	-	\$ -	0	\$ -	1	\$ -	\$ -	
19			GRASSING	-	\$ -	0	\$ -	1	\$ -	\$ -	
		TOTALS			\$ -		\$ -		\$ -	\$0.00	

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Stored Material Summary

Contractor's Application

For (contract):				COMPREHENSIVE WATER IMPROVEMENTS PHASE 5				Application Number: 3			
Application Period:				1/26/2018		TO 2/25/2018		Application Date: 19-Mar-18			
A	B	C	D	E		F		G			
Pay Item No.	Unit Price	Materials Description	Stored Previously		Stored this Month		Incorporated in Work		Materials Remaining in Storage (\$)(D + E - F)		
			Quantity	Amount (\$)	Quantity	Amount (\$)	Quantity	Amount (\$)			
20		MOBILIZATION		\$ -		\$ -		\$ -	\$0.00		
21		MAINTENANCE OF TRAFFIC	-	\$ -	0	\$ -	1	\$ -	\$ -		
			-	\$ -	0	\$ -	1	\$ -	\$ -		
SITE 8"10-COMMERCE DRIVE, I-59, AND THORNHILL DRIVE											
WATER PIPE ITEMS											
1	\$ 10.33	6" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	60	\$ 619.80	0	\$ -	60	\$ 619.80	\$ -		
2	\$ 13.00	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	50	\$ 650.00	0	\$ -	85	\$ 1,105.00	\$ -		
3	\$ 21.27	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	2,990	\$ 63,597.30	0	\$ -	3,045	\$ 64,767.15	\$ -		
4		16" HDPE (DR9)(OPEN CUT)(INCL. ADAPTER FITTINGS)	-	\$ -	0	\$ -	340	\$ -	\$ -		
5	\$ 30.32	24" STEEL CASING, 0.250"WT (BORED)	340	\$ 10,308.80	0	\$ -	340	\$ 10,308.80	\$ -		
CONNECTION ITEMS											
6		CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE (HOT TAP)		\$ -	0	\$ -	1	\$ -	\$ -		
7		CONNECTION: PROPOSED 12" WATER LINE TO PROPOSED 6" WATER LINE (TEE)	-	\$ -	0	\$ -	1	\$ -	\$ -		
8		CONNECTION: PROPOSED 6" WATER LINE TO EXISTING 6" WATER LINE (HOT TAP)	-	\$ -	0	\$ -	0	\$ -	\$ -		
9		CONNECTION: PROPOSED 12" WATER LINE TO PROPOSED 8" WATER LINE (TEE)	-	\$ -	0	\$ -	1	\$ -	\$ -		
10		CONNECTION: PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE (HOT TAP)	-	\$ -	0	\$ -	2	\$ -	\$ -		
11		CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 8" WATER LINE (HOT TAP)	-	\$ -	0	\$ -	0	\$ -	\$ -		
VALVE AND HYDRANT ITEMS											
12		12" GATE VALVE	-	\$ -	0	\$ -	1	\$ -	\$ -		
13		3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL. TEE, VALVE, HYDRANT, BRASS TAG, PIPE, & OTHERS)	-	\$ -	0	\$ -	3	\$ -	\$ -		
MISCELLANEOUS CONSTRUCTION ITEMS											
14		ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	-	\$ -	0	\$ -	0	\$ -	\$ -		
15		CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	-	\$ -	0	\$ -	0	\$ -	\$ -		
16		CONCRETE CURB & GUTTER REPAIR (ALL TYPES)	-	\$ -	0	\$ -	0	\$ -	\$ -		
17		CONCRETE SIDEWALK REPAIR (ALL DEPTHS)	-	\$ -	0	\$ -	0	\$ -	\$ -		
18		TEMPORARY EROSION CONTROL	-	\$ -	0	\$ -	0	\$ -	\$ -		
TOTALS				\$ 75,175.90		\$ -		\$ 76,800.75	\$0.00		

EJCDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Stored Material Summary

Contractor's Application

For (contract):				COMPREHENSIVE WATER IMPROVEMENTS PHASE 5				Application Number: 3			
Application Period:				1/26/2018		TO 2/25/2018		Application Date: 19-Mar-18			
A	B	C	D	E		F		G			
Pay Item No.	Unit Price	Materials Description	Stored Previously		Stored this Month		Incorporated in Work		Materials Remaining in Storage (\$)(D + E - F)		
			Quantity	Amount (\$)	Quantity	Amount (\$)	Quantity	Amount (\$)			
		Subtotal From Previous Page		\$ 75,175.90		\$ -		\$ 76,800.75	\$0.00		
19		GRASSING	-	\$ -	0	\$ -	0	\$ -	\$ -		
20		MOBILIZATION	-	\$ -	0	\$ -	1	\$ -	\$ -		
21		MANITENANCE OF TRAFFIC	-	\$ -	0	\$ -	1	\$ -	\$ -		
SITE 11-US HWY 98 @WESTOVER DRIVE											
WATER PIPE ITEMS											
1		12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	-	\$ -	0	\$ -	70	\$ -	\$ -		
2		16" HDPE (DR9)(BORED)(NO CASING)(INCL ADAPTER FITTINGS)	-	\$ -	0	\$ -	180	\$ -	\$ -		
3	\$ 30.32	24" STEEL CASING, 0.250"WT (BORED)	160	\$ 4,851.20	0	\$ -	140	\$ 4,244.80	\$ 606.40		
CONNECTION ITEMS											
4		CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 8" WATER LINE (STRAIGHT REDUCER)	-	\$ -	0	\$ -	1	\$ -	\$ -		
5		CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE (HOT TAP)	-	\$ -	0	\$ -	1	\$ -	\$ -		
VALVE AND HYDRANT ITEMS											
6		12" GATE VALVE	-	\$ -	0	\$ -	0	\$ -	\$ -		
MISCELLANEOUS CONSTRUCTION ITEMS											
7		TEMPORARY EROSION CONTROL	-	\$ -	0	\$ -	0	\$ -	\$ -		
8		GRASSING	-	\$ -	0	\$ -	0	\$ -	\$ -		
9		MOBILIZATION	-	\$ -	0	\$ -	1	\$ -	\$ -		
10		MANITENANCE OF TRAFFIC	-	\$ -	0	\$ -	1	\$ -	\$ -		
SITE 12-LINCOLN ROAD AND OAK GROVE ROAD											
WATER PIPE ITEMS											
1	\$ 13.00	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	1,520	\$ 19,760.00	0	\$ -	120	\$ 1,560.00	\$ 18,200.00		
2	\$ 13.00	RON WATER PIPE (BORED)(NO CASING)	540	\$ 7,020.00	0	\$ -	60	\$ 780.00	\$ 6,240.00		
3	\$ 21.27	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	2,472	\$ 52,579.44	0	\$ -	1,890	\$ 40,200.30	\$ 12,379.14		
4	\$ 21.27	12" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING)	350	\$ 7,444.50	0	\$ -	510	\$ 10,847.70	\$ -		
5	\$ 20.16	10" HDPE (DR9)(BORED)(NO CASING)(INCL ADAPTER FITTINGS)	200	\$ 4,032.00	0	\$ -	0	\$ -	\$ 4,032.00		
				\$ 170,863.04		\$ -		\$ 134,433.55	\$41,457.54		
TOTALS											

E/CDC No. C-620 (2007 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Item No.	Item Description	Total Quantities			Unit	Unit	Amount
		Quantity	Allowed This Period	Allowed To Date		Price	
		On Contract					
CONTRACT TOTAL:							\$1,722,687.00
Site 1 - Columbia, Eupora, Lake, Phillipps & W 5 th Streets							\$182,725.00
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	40		25.00	LF	\$ 15.00	\$ 375.00
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	1,310		1327.00	LF	\$ 23.00	\$ 30,521.00
3	8" Class 350 Ductile Iron Water Pipe (Open Cut)	920		902.00	LF	\$ 25.00	\$ 22,550.00
	Connection Items						
4	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 2,500.00	\$ 2,500.00
5	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,600.00	\$ 1,600.00
6	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
7	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	3		3.00	Each	\$ 1,900.00	\$ 5,700.00
8	Connection: Proposed 6" Water Line to Existing 2" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,200.00	\$ 1,200.00
	Valve and Hydrant Items						
9	2" Gate Valve	1		2.00	Each	\$ 550.00	\$ 1,100.00
10	6" Gate Valve	2		2.00	Each	\$ 775.00	\$ 1,550.00
11	8" Gate Valve	1		1.00	Each	\$ 1,100.00	\$ 1,100.00
12	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	4		4.00	Each	\$ 3,325.00	\$ 13,300.00
	Water Service Items						
13	Service Tubing (Bored) (Size Varies to 1 1/2")	215		127.00	LF	\$ 24.00	\$ 3,048.00
14	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	21		22.00	Each	\$ 285.00	\$ 6,270.00
15	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1		2.00	Each	\$ 430.00	\$ 860.00
	Miscellaneous Construction Items						
16	Concrete Pavement Repair (All Depths)	115		79.70	SY	\$ 120.00	\$ 9,564.00
17	Asphalt Pavement Repair (All Depths)	500		281.50	SY	\$ 88.00	\$ 24,772.00
18	Concrete Curb & Gutter Repair (All Types)	166		0.00	LF	\$ 35.00	\$0.00
19	Concrete Sidewalk Repair	17		18.30	SY	\$ 130.00	\$ 2,379.00
20	Temporary Erosion Control	1		1.00	LS	\$ 2,400.00	\$ 2,400.00
21	Grassing	1		1.00	LS	\$ 800.00	\$ 800.00
22	Mobilization	1		1.00	LS	\$ 17,000.00	\$ 17,000.00
23	Maintenance of Traffic	1		1.00	LS	\$ 2,400.00	\$ 2,400.00
						Sub-total	\$ 152,489.00
	Site 2 - Montague Street						
	Water Pipe Items						
1	6" Class 350 Ductile Iron Water Pipe (Open Cut)	20		8.00	LF	\$ 40.00	\$ 320.00
2	8" Class 350 Ductile Iron Water Pipe (Open Cut)	650		636.00	LF	\$ 26.00	\$ 16,536.00
	Connection Items						
3	Connection: Proposed 8" Water Line to Existing 20" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 8,550.00	\$ 8,550.00
4	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
	Valve and Hydrant Items						

Item No.	Item Description	Total Quantities			Unit	Unit	
		Quantity On Contract	Allowed This Period	Allowed To Date		Price	Amount
5	6" Gate Valve	2		2.00	Each	\$ 775.00	\$ 1,550.00
6	8" Gate Valve	1		1.00	Each	\$ 1,100.00	\$ 1,100.00
7	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	1		1.00	Each	\$ 3,325.00	\$ 3,325.00
	Water Service Items						
8	Service Tubing (Bored) (Size Varies to 1 1/2")	180		168.00	LF	\$ 24.00	\$ 4,032.00
9	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	15		15.00	Each	\$ 285.00	\$ 4,275.00
	Miscellaneous Construction Items						
10	Concrete Pavement Repair (All Depths)	38		19.73	SY	\$ 124.00	\$ 2,446.52
11	Asphalt Pavement Repair (All Depths)	92	15.00	40.20	SY	\$ 95.00	\$ 3,819.00
12	Concrete Curb & Gutter Repair (All Types)	25		41.00	LF	\$ 52.00	\$ 2,132.00
13	Temporary Erosion Control	1	0.05	1.00	LS	\$ 750.00	\$ 750.00
14	Grassing	1		1.00	LS	\$ 800.00	\$ 800.00
15	Mobilization	1		1.00	LS	\$ 4,000.00	\$ 4,000.00
16	Maintenance of Traffic	1	0.05	1.00	LS	\$ 900.00	\$ 900.00
						Sub-total	\$ 56,035.52
	Site 3 - McLaurin Street						
	Water Pipe Items						
1	6" Class 350 Ductile Iron Water Pipe (Open Cut)	660		638.00	LF	\$ 23.00	\$ 14,674.00
	Connection Items						
2	Connection: Proposed 6" Water Line to Existing 20" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 8,550.00	\$ 8,550.00
3	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 1,900.00	\$ 1,900.00
	Valve and Hydrant Items						
4	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	1		1.00	Each	\$ 3,325.00	\$ 3,325.00
	Water Service Items						
5	Service Tubing (Bored) (Size Varies to 1 1/2")	70		40.00	LF	\$ 24.00	\$ 960.00
6	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	3		3.00	Each	\$ 285.00	\$ 855.00
	Miscellaneous Construction Items						
7	Concrete Pavement Repair (All Depths)	20		21.00	SY	\$ 124.00	\$ 2,604.00
8	Asphalt Pavement Repair (All Depths)	35	23.55	50.65	SY	\$ 95.00	\$ 4,811.75
9	Concrete Curb & Gutter Repair (All Types)	40		0.00	LF	\$ 63.00	\$ 0.00
10	Concrete Sidewalk Repair	2		3.80	SY	\$ 150.00	\$ 570.00
11	Temporary Erosion Control	1		1.00	LS	\$ 750.00	\$ 750.00
12	Grassing	1		1.00	LS	\$ 800.00	\$ 800.00
13	Mobilization	1		1.00	LS	\$ 4,000.00	\$ 4,000.00
14	Maintenance of Traffic	1	0.05	1.00	LS	\$ 900.00	\$ 900.00
						Sub-total	\$ 44,699.75
	Site 4 - E 9th, Coit, E 10th, Lula, Inez, Allen, Gravel, Heiddle & Kinnard St's						
	Water Pipe Items						
1	1" Sch 80 PVC (Open Cut)	10		0.00	LF	\$ 15.00	\$ 0.00
2	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20	30.00	30.00	LF	\$ 20.00	\$ 600.00
3	4" Class 350 Ductile Iron Water Pipe (Open Cut)	20		2.00	LF	\$ 30.00	\$ 60.00
4	6" Class 350 Ductile Iron Water Pipe (Open Cut)	3,670	137.43	3,544.43	LF	\$ 23.00	\$ 81,521.89
5	8" Class 350 Ductile Iron Water Pipe (Open Cut)	2,875		2,972.00	LF	\$ 26.00	\$ 77,272.00
6	12" Class 350 Ductile Iron Water Pipe (Open Cut)	1,030		1007.00	LF	\$ 45.00	\$ 45,315.00
7	16" 200 PSI, DR9, HDPE (Open Cut) (Incl. adapter fittings)	100		100.00	LF	\$ 87.00	\$ 8,700.00
8	20" Steel Casing, 0.25" WT (Bored)	80		80.00	LF	\$ 138.00	\$ 11,040.00
	Connection Items						

Item No.	Item Description	Total Quantities			Unit		Amount
		Quantity On Contract	Allowed This Period	Allowed To Date	Unit	Price	
9	Connection: Proposed 12" Water Line to Proposed 8" & 6" Water Lines (Cross & other fittings)	1		1.00	Each	\$ 2,200.00	\$ 2,200.00
10	Connection: Proposed 12" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	2		2.00	Each	\$ 3,950.00	\$ 7,900.00
11	Connection: Proposed 8" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 2,550.00	\$ 2,550.00
12	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	1	1.00	1.00	Each	\$ 2,000.00	\$ 2,000.00
13	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	1	-1.00	0.00	Each	\$ 1,600.00	\$0.00
14	Connection: Proposed 8" Water Line to Existing 4" Water Line (Tee & other fittings)	1	1.00	1.00	Each	\$ 1,400.00	\$ 1,400.00
15	Connection: Proposed 8" Water Line to Proposed 6" Water Line (Tee & other fittings)	3		3.00	Each	\$1,800.00	\$ 5,400.00
16	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		0.00	Each	\$1,400.00	\$0.00
17	Connection: Proposed 6" Water Line to Existing 6" Water Line (Cross & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
18	Connection: Proposed 6" Water Line to Existing 6" Water Line (Tee & other fittings)	3	2.00	2.00	Each	\$ 1,600.00	\$ 3,200.00
19	Connection: Proposed 6" Water Line to Existing 1" Water Line (Hot Tap w/ Valve Assembly)	1	1.00	1.00	Each	\$ 375.00	\$ 375.00
20	Connection: Proposed 4" Water Line to Existing 2" Water Line (Straight Connection & other fittings)	1		1.00	Each	\$ 275.00	\$ 275.00
21	Valve and Hydrant Items						
22	4" Gate Valve	1		1.00	Each	\$ 700.00	\$ 700.00
23	6" Gate Valve	18		14.00	Each	\$ 775.00	\$ 10,850.00
24	8" Gate Valve	11		11.00	Each	\$ 1,100.00	\$ 12,100.00
25	12" Gate Valve	4		4.00	Each	\$ 2,000.00	\$ 8,000.00
	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	18		18.00	Each	\$ 3,325.00	\$ 59,850.00
	Water Service Items						
26	Service Tubing (Bored) (Size Varies to 1 1/2")	1,240		1015.00	LF	\$ 24.00	\$ 24,360.00
27	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	56		59.00	Each	\$ 275.00	\$ 16,225.00
28	Commercial Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	2		0.00	Each	\$ 1,000.00	\$0.00
29	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	6	1.00	2.00	Each	\$ 433.00	\$ 866.00
	Miscellaneous Construction Items						
30	Removal of Fire Hydrant and Appurtenances	2		2.00	Each	\$ 250.00	\$ 500.00
31	Concrete Paved Ditch	4		2.60	CY	\$ 675.00	\$ 1,755.00
32	Concrete Pavement Repair (All Depths)	78		51.10	SY	\$ 115.00	\$ 5,876.50
33	Asphalt Pavement Repair (All Depths)	954	172.20	540.17	SY	\$ 86.00	\$ 46,454.62
34	Concrete Sidewalk Repair	26		7.20	SY	\$ 130.00	\$ 936.00
35	Temporary Erosion Control	1		1.00	LS	\$ 5,500.00	\$ 5,500.00
36	Grassing	1		1.00	LS	\$ 2,500.00	\$ 2,500.00
37	Mobilization	1		1.00	LS	\$ 37,000.00	\$ 37,000.00
SA 38	Site Investigation, 3 days, includes asphalt removal, sandfill material and crushed limestone 610 temporary surface	1		1.00	LS	\$ 6,720.00	\$ 6,720.00
SA 39	Removing existing 6" waterline	28		28.00	LF	\$ 53.00	\$ 1,484.00
SA 40	Install 6" CL 350 DI Pipe (Open Cut)	77		77.00	LF	\$ 53.00	\$ 4,081.00
SA 41	6" HDPE bore under storm drains	1		1.00	LS	\$ 2,500.00	\$ 2,500.00
SA 42	3/4 in SVS tubing (Open Cut)	125		125.00	LF	\$ 10.00	\$ 1,250.00
SA 43	Install 12" risers on 3-way Fire Hydrant	7		7.00	Each	\$ 690.00	\$ 4,830.00

Item No.	Item Description	Total Quantities			Unit	Unit	
		Quantity On Contract	Allowed This Period	Allowed To Date		Price	Amount
	Site 5 - Atlanta Street					Sub-total	\$505,647.01
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20	-137.50	0.00	LF	\$ 20.00	\$0.00
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	20		8.00	LF	\$ 30.00	\$ 240.00
3	8" Class 350 Ductile Iron Water Pipe (Open Cut)	1,410		1406.00	LF	\$ 26.00	\$ 36,556.00
	Connection Items						
4	Connection: Proposed 8" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 2,600.00	\$ 2,600.00
5	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 2,600.00	\$ 2,600.00
6	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	1		1.00	Each	\$ 1,800.00	\$ 1,800.00
7	Connection: Proposed 8" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	2		0.00	Each	\$ 700.00	\$0.00
	Valve and Hydrant Items						
8	6" Gate Valve	2		2.00	Each	\$ 775.00	\$ 1,550.00
9	8" Gate Valve	2		2.00	Each	\$ 1,100.00	\$ 2,200.00
10	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	3		3.00	Each	\$ 3,225.00	\$ 9,675.00
	Water Service Items						
11	Service Tubing (Bored) (Size Varies to 1 1/2")	640		444.00	LF	\$ 24.00	\$ 10,656.00
12	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	25		27.00	Each	\$ 290.00	\$ 7,830.00
13	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1		0.00	Each	\$ 435.00	\$0.00
	Miscellaneous Construction Items						
14	Removal of Fire Hydrant and Appurtenances	1		1.00	Each	\$ 250.00	\$ 250.00
15	Concrete Pavement Repair (All Depths)	55		19.00	SY	\$ 120.00	\$ 2,280.00
16	Asphalt Pavement Repair (All Depths)	233		226.65	SY	\$ 88.00	\$ 19,945.20
17	Concrete Curb & Gutter Repair (All Types)	10		0.00	LF	\$ 80.00	\$0.00
18	Concrete Sidewalk Repair	3		0.00	SY	\$ 130.00	\$0.00
19	Temporary Erosion Control	1		1.00	LS	\$ 1,000.00	\$ 1,000.00
20	Grassing	1	0.10	1.00	LS	\$ 800.00	\$ 800.00
21	Mobilization	1		1.00	LS	\$ 7,300.00	\$ 7,300.00
22	Maintenance of Traffic	1		1.00	LS	\$ 1,800.00	\$ 1,800.00
SA 23	Connection: Proposed 8" Water Line to Existing 2" Water Line	1		1.00	LS	\$ 2,750.00	\$ 2,750.00
						Sub-total	\$111,832.20
	Site 6 - E 9th Street						
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	40		0.00	LF	\$ 15.00	\$0.00
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	20		0.00	LF	\$ 30.00	\$0.00
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	920		887.00	LF	\$ 22.00	\$ 19,514.00
	Connection Items						
4	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	2		2.00	Each	\$ 1,900.00	\$ 3,800.00
5	Connection: Proposed 6" Water Line to Existing 4" Water Line (Tee & other fittings)	1		0.00	Each	\$ 1,300.00	\$0.00
6	Connection: Proposed 6" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	2	2.00	2.00	Each	\$ 650.00	\$ 1,300.00
	Valve and Hydrant Items						
7	4" Gate Valve	1		1.00	Each	\$ 700.00	\$ 700.00

Item No.	Item Description	Total Quantities			Unit		Amount
		Quantity On Contract	Allowed This Period	Allowed To Date	Unit	Price	
8	8" Gate Valve	2		0.00	Each	\$ 1,100.00	\$0.00
	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)						
9		2		2.00	Each	\$ 3,325.00	\$ 6,650.00
	Water Service Items						
	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	7		6.00	Each	\$ 285.00	\$ 1,710.00
10	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1		0.00	Each	\$ 432.00	\$0.00
	Miscellaneous Construction Items						
12	Concrete Pavement Repair (All Depths)	11		0.00	SY	\$ 127.00	\$0.00
13	Asphalt Pavement Repair (All Depths)	355		160.56	SY	\$ 87.00	\$ 13,968.72
14	Concrete Curb & Gutter Repair (All Types)	10		0.00	LF	\$ 85.00	\$0.00
15	Concrete Sidewalk Repair	15		0.00	SY	\$ 130.00	\$0.00
16	Temporary Erosion Control	1	0.10	1.00	LS	\$ 750.00	\$ 750.00
17	Grassing	1	-1.00	1.00	LS	\$ 800.00	\$ 800.00
18	Mobilization	1		1.00	LS	\$ 5,000.00	\$ 5,000.00
19	Maintenance of Traffic	1	0.10	1.00	LS	\$ 1,800.00	\$ 1,800.00
						Sub-total	\$55,992.72
	Site 7 - Whitney, E 8th & E 10th Streets						
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20		15.00	LF	\$ 20.00	\$ 300.00
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	20		14.00	LF	\$ 30.00	\$ 420.00
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	1,650	-111.36	1629.00	LF	\$ 22.00	\$ 35,838.00
4	8" Class 350 Ductile Iron Water Pipe (Open Cut)	2,325		2224.00	LF	\$ 26.00	\$ 57,824.00
	Connection Items						
	Connection: Proposed 8" Water Line to Proposed 8" Water Line (Tee & other fittings)	1	1.00	1.00	Each	\$ 1,600.00	\$ 1,600.00
	Connection: Proposed 8" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,600.00	\$ 1,600.00
	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	1		2.00	Each	\$ 2,500.00	\$ 5,000.00
	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	1		1.00	Each	\$ 2,000.00	\$ 2,000.00
	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	2		0.00	Each	\$ 1,900.00	\$0.00
	Connection: Proposed 8" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 650.00	\$ 650.00
	Connection: Proposed 8" Water Line to Existing 1" Water Line (Hot Tap w/ Valve Assembly)	2		2.00	Each	\$ 400.00	\$ 800.00
	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1	-1.00	4.00	Each	\$ 1,900.00	\$ 7,600.00
	Connection: Proposed 6" Water Line to Existing 6" Water Line (Cross & other fittings)	1		0.00	Each	\$ 1,900.00	\$0.00
	Connection: Proposed 6" Water Line to Existing 4" Water Line (Cross & other fittings)	1		1.00	Each	\$ 1,800.00	\$ 1,800.00
	Valve and Hydrant Items						
15	4" Gate Valve	2		2.00	Each	\$ 700.00	\$ 1,400.00
16	6" Gate Valve	12	-1.00	4.00	Each	\$ 800.00	\$ 3,200.00
17	8" Gate Valve	7	1.00	5.00	Each	\$ 1,100.00	\$ 5,500.00
	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)						
18		6		6.00	Each	\$ 3,325.00	\$ 19,950.00
	Water Service Items						

Item No.	Item Description	Total Quantities			Unit	
		Quantity On Contract	Allowed This Period	Allowed To Date	Unit	Price
19	Service Tubing (Bored) (Size Varies to 1 1/2")	755		526.00	LF	\$ 24.00
20	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	40		36.00	Each	\$ 290.00
21	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1		0.00	Each	\$ 432.00
	Miscellaneous Construction Items					\$0.00
22	Removal of Fire Hydrant and Appurtenances	3	1.00	3.00	Each	\$ 250.00
23	Concrete Pavement Repair (All Depths)	155		7.50	SY	\$ 115.00
24	Asphalt Pavement Repair (All Depths)	759		332.18	SY	\$ 86.00
25	Concrete Curb & Gutter Repair (All Types)	50		37.00	LF	\$ 50.00
26	Concrete Sidewalk Repair	12		6.86	SY	\$ 130.00
27	Temporary Erosion Control	1	0.05	1.00	LS	\$ 5,900.00
28	Grassing	1		1.00	LS	\$ 1,500.00
29	Mobilization	1		1.00	LS	\$ 19,500.00
30	Maintenance of Traffic	1	0.05	1.00	LS	\$ 2,350.00
SA 31	Lower Elevation on Existing 4" line along River Street	1		1.00	LS	\$ 2,450.00
SA 32	Complete Cutting/Moving Fire Hydrant on 8th Street	1		1.00	LS	\$ 2,450.00
						Sub-total \$ 235,617.78
	Site 8 - E 6th Street					
	Water Pipe Items					
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20		55.00	LF	\$ 20.00
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	980	-71.00	1004.00	LF	\$ 23.00
	Connection Items					
3	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	2		3.00	Each	\$ 1,900.00
4	Connection: Proposed 6" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 650.00
	Valve and Hydrant Items					
5	6" Gate Valve	2	-2.00	2.00	Each	\$ 800.00
6	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	3		3.00	Each	\$ 3,325.00
	Water Service Items					
7	Service Tubing (Bored) (Size Varies to 1 1/2")	80		72.00	LF	\$ 24.00
8	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	7		6.00	Each	\$ 285.00
	Miscellaneous Construction Items					
9	Concrete Pavement Repair (All Depths)	44		19.74	SY	\$ 122.00
10	Asphalt Pavement Repair (All Depths)	301		90.62	SY	\$ 89.00
11	Concrete Curb & Gutter Repair (All Types)	20		3.00	LF	\$ 65.00
12	Concrete Sidewalk Repair	2		0.00	SY	\$ 130.00
13	Temporary Erosion Control	1	0.05	1.00	LS	\$ 750.00
14	Grassing	1		1.00	LS	\$ 800.00
15	Mobilization	1		1.00	LS	\$ 5,400.00
16	Maintenance of Traffic	1	0.10	1.00	LS	\$ 900.00
SA 17	Complete Cutting/Moving Fire Hydrant Thirty Feet	1		1.00	LS	\$ 750.00
SA 18	Repair Leaks to Existing Water Mains/Service Mains along 5th and 6th Streets	1		1.00	LS	\$ 880.58
						Sub-total \$ 65,704.04
	Site 9 - E 5th & Short E 5th Streets & Ferguson Alley					
	Water Pipe Items					
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20		10.00	LF	\$ 20.00
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	230		207.00	LF	\$ 30.00

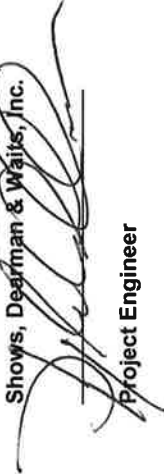
Item No.	Item Description	Total Quantities			Unit	Amount	
		Quantity On Contract	Allowed This Period	Allowed To Date		Price	
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	1,090		1062.00	LF	\$ 23.00	\$ 24,426.00
	Connection Items						
4	Connection: Proposed 6" Water Line to Proposed 6" & 4" Water Lines (Tee & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
5	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	2		2.00	Each	\$1,900.00	\$ 3,800.00
6	Connection: Proposed 4" Water Line to Existing 2" Water Line (Straight Connection & other fittings)	1		1.00	Each	\$300.00	\$ 300.00
	Valve and Hydrant Items						
7	4" Gate Valve	1		1.00	Each	\$ 700.00	\$ 700.00
8	6" Gate Valve	1	-1.00	1.00	Each	\$ 800.00	\$ 800.00
	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)						
9		4		4.00	Each	\$ 3,325.00	\$ 13,300.00
	Water Service Items						
10	Service Tubing (Bored) (Size Varies to 1 1/2") Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	60		128.00	LF	\$ 24.00	\$ 3,072.00
11		9		5.00	Each	\$ 285.00	\$ 1,425.00
	Miscellaneous Construction Items						
12	Removal of Fire Hydrant and Appurtenances	1		1.00	Each	\$ 250.00	\$ 250.00
13	Concrete Pavement Repair (All Depths)	13		18.10	SY	\$ 150.00	\$ 2,715.00
14	Asphalt Pavement Repair (All Depths)	460		496.17	SY	\$ 88.00	\$ 43,662.96
15	Concrete Curb & Gutter Repair (All Types)	20		28.00	LF	\$ 65.00	\$ 1,820.00
16	Concrete Sidewalk Repair	2		4.00	SY	\$ 130.00	\$ 520.00
17	Temporary Erosion Control	1	0.05	1.00	LS	\$ 1,000.00	\$ 1,000.00
18	Grassing	1	0.10	1.00	LS	\$ 800.00	\$ 800.00
19	Mobilization	1		1.00	LS	\$ 7,000.00	\$ 7,000.00
20	Maintenance of Traffic	1	0.10	1.00	LS	\$ 2,400.00	\$ 2,400.00
						Sub-total	\$ 115,900.96
	Site 10 - River, E 6th & E 5th Streets & Beta Avenue						
	Water Pipe Items						
1	1" Sch 80 PVC (Open Cut)	10		0.00	LF	\$ 15.00	\$0.00
2	2" Class 350 Ductile Iron Water Pipe (Open Cut)	270		244.00	LF	\$ 20.00	\$ 4,880.00
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	2,760		2504.00	LF	\$ 23.00	\$ 57,592.00
	Connection Items						
4	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,300.00	\$ 1,300.00
5	Connection: Proposed 6" Water Line to Proposed 6" & 2" Water Lines (Tee & other fittings)	1		1.00	Each	\$ 1,400.00	\$ 1,400.00
6	Connection: Proposed 6" Water Line to Proposed 6" & Existing 2" Water Lines (Tee & other fittings)	1		1.00	Each	\$1,100.00	\$ 1,100.00
7	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$1,900.00	\$ 1,900.00
8	Connection: Proposed 6" Water Line to Existing 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,400.00	\$ 1,400.00
9	Connection: Proposed 6" Water Line to Existing 6" Water Line (Straight Connection & other fittings)	1		1.00	Each	\$ 600.00	\$ 600.00
	Connection: Proposed 2" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 850.00	\$ 850.00
11	Connection: Proposed 2" Water Line to Existing 2" Water Line (Tee & other fittings)	1		1.00	Each	\$ 400.00	\$ 400.00
	Valve and Hydrant Items						
12	2" Gate Valve	2		1.00	Each	\$ 600.00	\$ 600.00
13	6" Gate Valve	6		6.00	Each	\$ 800.00	\$ 4,800.00

Item No.	Item Description	Total Quantities			Unit	Unit	
		Quantity On Contract	Allowed This Period	Allowed To Date		Price	Amount
14	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	6		6.00	Each	\$ 3,325.00	\$ 19,950.00
15	Blow-Off Valve w/ Appurtenances (Incl. Tee, Valve, Pipe & other fittings)	1		1.00	Each	\$ 900.00	\$ 900.00
	Water Service Items						
16	Service Tubing (Bored) (Size Varies to 1 1/2")	60		64.00	LF	\$ 24.00	\$ 1,536.00
17	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	19		12	Each	\$ 285.00	\$ 3,420.00
	Miscellaneous Construction Items						
18	Removal of Fire Hydrant and Appurtenances	2		2.00	Each	\$ 250.00	\$ 500.00
19	Concrete Pavement Repair (All Depths)	39		7.50	SY	\$ 120.00	\$ 900.00
20	Asphalt Pavement Repair (All Depths)	469		280.52	SY	\$ 88.00	\$ 24,685.76
21	Concrete Curb & Gutter Repair (All Types)	20		9.00	LF	\$ 65.00	\$ 585.00
22	Concrete Sidewalk Repair	8		7.14	SY	\$ 130.00	\$ 928.20
23	Temporary Erosion Control	1	0.05	1.00	LS	\$ 2,200.00	\$ 2,200.00
24	Grassing	1	0.10	1.00	LS	\$ 1,500.00	\$ 1,500.00
25	Mobilization	1		1.00	LS	\$ 15,000.00	\$ 15,000.00
26	Maintenance of Traffic	1	0.10	1.00	LS	\$ 1,800.00	\$ 1,800.00
SA 27	Install 6" risers on 3-Way Fire Hydrant	2		2.00	Each	\$ 595.00	\$ 1,190.00
					Sub-total		\$151,916.96
					TOTAL SITES 1-10	\$	1,495,835.94

Percent Complete: 87%
Time Elapsed to date: 236%

Total Earned - Regular Work \$ 1,495,835.94
Less 2.5% Retainage \$ -
Stored Materials
Total Due - Regular Work 1,495,835.94
Less Previous Payments \$ 1,492,671.77
Net Amount Due This Estimate \$ 3,164.17
Less Deductions \$ -
Net Payment Due \$ 3,164.17

CERTIFIED CORRECT:

Shows, Dearman & Waits, Inc.

Project Engineer

APPROVED:

OWNER



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

March 28, 2018
Project No: 1273-W015
Invoice No: 20171

Project Manager John Weeks
Project 1273-W015 Water Plant #1 Rehabilitation

Professional Services from February 25, 2018 to March 24, 2018

Phase DD Design Phase Services

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Connolly, Nicholas	29.00	175.00	5,075.00	
Totals	29.00		5,075.00	
Total Labor				5,075.00
		Total this Phase		\$5,075.00
		Total this Invoice		\$5,075.00

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

093695.7295.70

MTB 2017-181

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

March 29, 2018
Project No: 1273-W013.001
Invoice No: 20173

Project Manager Kyle Wallace

Project 1273-W013.001 COMSWIP Water Phase V - I59 Crossing - Construction Phase

Professional Services from February 25, 2018 to March 24, 2018

Phase CM Construction Management

Professional Personnel

	Hours	Rate	Amount
SR. RESIDENT PROJECT REPRESENTATIVE			
Jackson, Terry	43.00	85.00	3,655.00
Tingle, William	21.50	95.00	2,042.50
PROJECT ENGINEER			
Sellers, Bennie	5.00	150.00	750.00
Wallace, Kyle	11.50	175.00	2,012.50
Totals	81.00		8,460.00
Total Labor			8,460.00
		Total this Phase	\$8,460.00
		Total this Invoice	\$8,460.00

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

093695.7245.62

MB 2011-4/89-110

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

March 29, 2018
Project No: 1273-W007
Invoice No: 20174

Project Manager Kyle Wallace

Project 1273-W007 ComSWIP Water Phase II - Palmers Crossing

Professional Services from February 25, 2018 to March 24, 2018

Phase CM Palmer's Crossing - Construction Phase

Professional Personnel

	Hours	Rate	Amount
CONSTRUCTION OBSERVER			
Jackson, Terry	54.00	85.00	4,590.00
Tingle, William	37.00	85.00	3,145.00
PROJECT ENGINEER			
Sellers, Bennie	10.00	150.00	1,500.00
Wallace, Kyle	18.00	150.00	2,700.00
Totals	119.00		11,935.00
Total Labor			11,935.00
Total this Phase			\$11,935.00
Total this Invoice			\$11,935.00

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

093695.7245.51
MB 2011-4/89-110

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

March 29, 2018
Project No: 1273-S005
Invoice No: 20176

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

Professional Services from February 25, 2018 to March 24, 2018

Phase CM Phase V - Construction Phase Services

Professional Personnel

	Hours	Rate	Amount	
CONSTRUCTION OBSERVER				
Jackson, Terry	52.00	85.00	4,420.00	
Tingle, William	38.00	95.00	3,610.00	
GRADUATE ENGINEER				
Riley, Ivy	6.50	105.00	682.50	
PROJECT ENGINEER				
Sellers, Bennie	9.50	150.00	1,425.00	
Wallace, Kyle	7.00	175.00	1,225.00	
Weeks, John	2.00	175.00	350.00	
Totals	115.00		11,712.50	
Total Labor				11,712.50
		Total this Phase		\$11,712.50
		Total this Invoice		\$11,712.50

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

093695. 7220.54

MTB 2012-1/413

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

March 28, 2018
Project No: 1273-S010
Invoice No: 20168

Project Manager John Weeks
Project 1273-S010 ComSWIP Sewer Phase VIII - Camp St. Area
Professional Services from February 25, 2018 to March 24, 2018
Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Weeks, John	2.00	175.00	350.00	
Totals	2.00		350.00	
Total Labor				350.00
Reimbursable Expenses				
Hub City Spokes			57.34	
Total Reimbursables		1.0 times	57.34	57.34
		Total this Invoice		\$407.34

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

093695.7220.70
MB 2011-4/89-110



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

March 28, 2018
Project No: 1273-S011
Invoice No: 20169

Project Manager John Weeks

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

Professional Services from February 25, 2018 to March 24, 2018

Professional Personnel

	Hours	Rate	Amount	
CADD TECHNICIAN I				
Simmons, Skyler	117.00	90.00	10,530.00	
Sullivan, Richard	59.50	105.00	6,247.50	
CAD TECHNICIAN II				
Trahan, Beau	91.50	90.00	8,235.00	
PROJECT ENGINEER				
Weeks, John	22.00	175.00	3,850.00	
Totals	290.00		28,862.50	
Total Labor				28,862.50
		Total this Invoice		\$28,862.50

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

093695.7220.72

MB 2011-4/89-110

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

March 29, 2018
Project No: 11256
Invoice No: 20178

Project Manager Kyle Wallace
Project 11256 CIPP Sewer in Various Locations

Professional Services from February 25, 2018 to March 24, 2018

Phase DD Design Phase Services

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
McNease, Shea	7.00	175.00	1,225.00	
Wallace, Kyle	13.50	175.00	2,362.50	
Weeks, John	15.50	175.00	2,712.50	
Totals	36.00		6,300.00	
Total Labor				6,300.00
		Total this Phase		\$6,300.00
		Total this Invoice		\$6,300.00

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

093695.7220.75
MB 2011-4/89-110



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

March 29, 2018
Project No: 1273-S012
Invoice No: 20175

Project Manager Kyle Wallace

Project 1273-S012 COMSWIP Sewer Improv. Phase XII

Professional Services from February 25, 2018 to March 24, 2018

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Wallace, Kyle	11.00	175.00	1,925.00	
Totals	11.00		1,925.00	
Total Labor				1,925.00
		Total this Invoice		\$1,925.00

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

093695.7220.51
MB 2011-4/89-110

Hattiesburg, Mississippi does hereby certify to Regions Bank, as trustee in respect to the referenced Bonds (the Trustee”):

- (1) The amounts herein requisitioned to be paid to the above-designated payees are for the items or services hereinabove described.
- (2) The items or services listed above for which payment is proposed to be made hereunder have not formed the basis for any payment heretofore made from the Series 2016 Project Fund Construction Account.
- (3) Each of the items was reasonable and necessary in connection with the “Construction Project” being financed pursuant to the Loan Agreement dated as of August 18, 2016 (the “Loan Agreement”).
- (4) The payment herein authorized and approved is a proper charge against the Series 2016 Project Fund Construction Account as provided for in Section 3 of the Loan Agreement.
- (5) The invoices or statements from the contractor, vendor or other payee or other document supporting the amounts requisitioned herein are on file with the City.

CITY OF HATTIESBURG, MISSISSIPPI

By: _____
Title: Mayor or City Clerk
(Authorized City Representative)

As Approved by:

Regions Commercial Equipment Finance, LLC
As Purchaser

Authorized Officer

The City Council of the City of Hattiesburg, Mississippi (the "City") acting for and on behalf of the City, took up for consideration the matter of requesting and authorizing Requisition No. 18 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 George 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. 18 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. 18 from the Project Fund Construction Account under the Loan in the total aggregate amount of **\$389,658.70** 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. 18 from the Project Fund Construction Account under the Loan in the total aggregate amount of **Three Hundred Eighty-nine Thousand Six Hundred Fifty-Eight and 70/100 dollars (\$389,658.70)** 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.18 in the total aggregate amount of **Three Hundred Eighty-nine Thousand Six Hundred Fifty-Eight and 70/100 dollars (\$389,658.70)** 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 George seconded by Council Member Dryden, and was adopted by the following vote, to wit:

YEAS: George
Delgado
Carroll
Dryden
Brown

NAYS: None

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the 17th day of April, 2018.

(SEAL)

ATTEST:


CLERK OF COUNCIL

ADOPTED:


PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the 17th day of April, 2018.

ATTEST:


CITY CLERK

APPROVED:

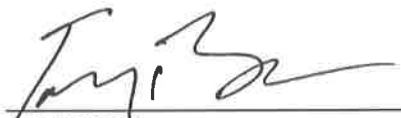

MAYOR

EXHIBIT A

PROJECT FUND CONSTRUCTION ACCOUNT REQUISITION

PROJECT FUND CONSTRUCTION ACCOUNT REQUISITION

RE: \$25,000,000.00 Mississippi Development Bank Taxable Special Obligation Bonds, Series 2016 (Hattiesburg, Mississippi Combined Water and Sewer System Construction Project) (the "Series 2016 Bonds") secured by \$25,000,000.00 Taxable Promissory Note (Hattiesburg, Mississippi Combined Water and Sewer System Construction Project), dated August 18, 2016 (the "Series 2016 Note").

TO: Regions Bank
400 West Capitol, 7th Floor
Little Rock, AR 72201
ATTN: Corporate Trust Department

REQUISITION NO.: 18

DATE OF REQUISITION: 4/17/2018

Item #	Payee Name & Address	Budget Line Item	Payment Amount	Invoice #	Purpose of Payment
1	C B Developers, Inc. 1716 Evelyn Gandy Pkwy., Suite 40 Hattiesburg, MS 39401	93695.7220.54	\$ 98,712.31	Pay App 3	Sewer Improvements Ph V Period: 01/26/17 - 03/25/18 MB: 2017-403
2	C B Developers, Inc. 1716 Evelyn Gandy Pkwy., Suite 40 Hattiesburg, MS 39401	93695.7245.51	\$ 143,565.67	Pay App 2	Water Improvements Ph II Period: 02/17/18 - 3/25/18 MB: 2017-340
3	C B Developers, Inc. 1716 Evelyn Gandy Pkwy., Suite 40 Hattiesburg, MS 39401	093695.7245.62	\$ 69,539.21	Pay App 3	Water Improvements Ph V Period: 01/26/17 - 02/25/18 MB: 2017-341 & 334
4	T L Wallace 4025 Hwy 35 North Columbia, MS 39429	093695.7245.52	\$ 3,164.17	Pay App 16 & Final	Water Improvements Ph III Period: 3/25/17 - 8/28/17 MB: 2015-241 SDW # 1273-W008
5	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7295.70	\$ 5,075.00	20171	Water Plant #1 Rehabilitation Period: 02/25/18 - 03/24/18 MB 2017-81 SDW #1273-W015

6	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7245.62	\$	8,460.00	20173	Water Ph V Period: 02/25/18 - 03/24/18 MB 2011-4/89-110 SDW # 1273-W013
7	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7245.51	\$	11,935.00	20174	Water Ph II - Palmers Crossing Period: 02/25/18 - 3/24/28 MB 2011-4/89-110 SDW #1273-W007
8	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.54	\$	11,712.50	20176	Sewer Improvements Ph V Period: 02/25/18 - 3/24/28 MB 2011-4/89-110 SDW Project# 1273-S005
9	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.70	\$	407.34	20168	Sewer Improvements Ph VIII - Camp St. Area Period: 02/25/18 - 3/24/28 MB 2011-4/89-110 SDW #1273-S010
10	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.72	\$	28,862.50	20169	Sewer Improvements Phase X - Quinn St. Area Period: 02/25/18 - 3/24/28 MB 2011-4/89-110 SDW #1273-S011
11	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	93695.7220.75	\$	6,300.00	20178	CIPP Project Period: 02/25/18 - 3/24/28 MB 2011-4/89-110 SDW #11256
12	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.51	\$	1,925.00	20175	Sewer Improvements Ph XII Period: 02/25/18 - 3/24/28 MB 2011-4/89-110 SDW #1273-S012

\$ 389,658.70



Engineering Progress

April 3, 2018

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39401

Attn: Mr. Lamar Rutland, P.E.

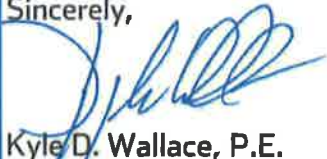
RE: Comprehensive Sewer Improvements - Phase V
Hattiesburg, MS

Dear Mr. Rutland,

Enclosed please find Pay Estimate No. 3 for the above referenced project.

Should you have any questions and/or comments, please, do not hesitate to contact me.

Sincerely,



Kyle D. Wallace, P.E.
Project Engineer

/aa

Enclosure

cc: Terry Jackson, SDW Files,
T.L. Wallace

093695, 7220.54

MB 2017-403

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

RECEIVED
4/3/18

Contractor's Application For Payment No. 3

To (Owner): CITY OF HATTIESBURG	Application Period: Beginning: 1/26/2017 Ending: 3/25/2017	Application Date: 27-Mar-18
Project: COMPREHENSIVE SEWER PHASE 5	From (Contractor): C.B. DEVELOPERS, INC.	Via (Engineer): SHOWS, DEARMAN & WAITS, INC.
Owner's Contract No.:	Contract: Contractor's Project No.:	Engineer's Project No.:

1. ORIGINAL CONTRACT PRICE	\$	1,077,240.50
2. Net change by Change Orders	\$	-
3. CURRENT CONTRACT PRICE (LINE 1 + 2)	\$	1,077,240.50
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimates)	\$	313,217.81
5. RETAINAGE:		
a. 5.0 % x Work Completed	\$	15,660.89
b. 5.0% x Stored Material	\$	-
c. Total Retainage (line 5a + line 5b)	\$	15,660.89
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)	\$	297,556.92
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	\$	198,844.61
8. AMOUNT DUE THIS APPLICATION	\$	98,712.31
9. BALANCE TO FINISH, PLUS RETAINAGE (Column G on Progress Estimate + Line 5 above)	\$	779,683.58

Change Order Summary		
Approved Change Orders		
Number	Additions	Deductions
TOTALS	\$ -	\$ -
NET CHANGE BY CHANGE ORDERS	\$	-

CONTRACTOR'S CERTIFICATION

The undersigned Contractor certifies that: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Payment of:

\$98,712.31

(Line 8 or other - attach explanation of other amount)

Is recommended by:

(Engineer)

\$98,712.31

Payment of:

(Line 8 or other - attach explanation of other amount)

Is approved by:

(Owner)

1

Is approved by:

(Owner)

1

Approved by:

(Funding Agency, if applicable)

stitute.

Progress Estimate

Contractor's Application

For (contract):		COMPREHENSIVE SEWER PHASE 5		11/26/2017	12/25/2017	Application Number:		1/4/2018		
Application Period:		1/26/2017	TO	3/25/2017		Application Date:		O-Jan-00		
Pay Item	A	Item Description	Bid Quantity	Unit Price	Bid Value	C	D	E	F	G
						Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	Balance to Finish (F)
1	SITE 1-DOGWOOD DRIVE		1000.0	\$ 7.84	\$ 7,840.00	-	\$ -	\$ 0.00	\$ -	\$ 7,840.00
2	4" 160 PSI PVC SANITARY SEWER FORCE MAIN (ALL DEPTHS)		1098.0	\$ 24.16	\$ 26,527.68	-	\$ -	\$ 0.00	\$ -	\$ 26,527.68
3	8" SDR 26 PVC SEWER PIPE (0'-6')		601.0	\$ 26.56	\$ 15,962.56	-	\$ -	\$ 0.00	\$ -	\$ 15,962.56
4	8" SDR 26 PVC SEWER PIPE (6'-8')		123.0	\$ 38.55	\$ 4,741.65	-	\$ -	\$ 0.00	\$ -	\$ 4,741.65
5	8" SDR 26 PVC SEWER PIPE (8'-10')		101.0	\$ 43.34	\$ 4,377.34	-	\$ -	\$ 0.00	\$ -	\$ 4,377.34
6	8" SDR 26 PVC SEWER PIPE (10'-12')		135.0	\$ 48.14	\$ 6,498.90	-	\$ -	\$ 0.00	\$ -	\$ 6,498.90
7	8" SDR 26 PVC SEWER PIPE (12'-14')		1.0	\$ 4,189.24	\$ 4,189.24	-	\$ -	\$ 0.00	\$ -	\$ 4,189.24
8	AIR RELEASE AND VACUUM VALVE ASSEMBLY (INCLUDING PRESSURE MANHOLE ITEMS)		3.0	\$ 2,689.82	\$ 8,069.46	-	\$ -	\$ 0.00	\$ -	\$ 8,069.46
9	48" PRECAST CONCRETE SEWER MANHOLE (0'-6')		8.0	\$ 3,176.78	\$ 25,414.24	-	\$ -	\$ 0.00	\$ -	\$ 25,414.24
10	48" PRECAST CONCRETE SEWER MANHOLE (6'-8')		1.0	\$ 3,658.87	\$ 3,658.87	-	\$ -	\$ 0.00	\$ -	\$ 3,658.87
11	48" PRECAST CONCRETE SEWER MANHOLE (8'-10')		1.0	\$ 4,190.30	\$ 4,190.30	-	\$ -	\$ 0.00	\$ -	\$ 4,190.30
12	48" PRECAST CONCRETE SEWER MANHOLE (10'-12')		1.0	\$ 4,382.73	\$ 4,382.73	-	\$ -	\$ 0.00	\$ -	\$ 4,382.73
13	SEWER SERVICE ITEMS		942.0	\$ 10.60	\$ 9,985.20	-	\$ -	\$ 0.00	\$ -	\$ 9,985.20
14	6" SDR 26 PVC SEWER PIPE FOR SERVICES (ALL DEPTHS)		8.0	\$ 323.75	\$ 2,590.00	-	\$ -	\$ 0.00	\$ -	\$ 2,590.00
15	8" X 8" X 6" PVC TEE		8.0	\$ 359.74	\$ 2,877.92	-	\$ -	\$ 0.00	\$ -	\$ 2,877.92
16	6" PVC CLEANOUT		1.0	\$ 207,236.80	\$ 207,236.80	-	\$ -	\$ 0.00	\$ -	\$ 207,236.80
17	LIFT STATION INCL CLEARING AND GRUBBING, BORROW MATERIALS, MISCELLANEOUS CONSTRUCTION ITEMS		7.0	\$ 359.68	\$ 2,517.76	-	\$ -	\$ 0.00	\$ -	\$ 2,517.76
18	ABANDONMENT OF SEPTIC TANKS		3.0	\$ 869.23	\$ 2,607.69	-	\$ -	\$ 0.00	\$ -	\$ 2,607.69
19	DROP MANHOLE ASSEMBLY (ALL DEPTHS)		4.0	\$ 599.95	\$ 2,399.80	-	\$ -	\$ 0.00	\$ -	\$ 2,399.80
20	WATER SERVICE REPAIR (INCLUDING SERVICE TUBING, FITTINGS, CRUSHED AGGREGATE (SIZE 825))		612.0	\$ 44.96	\$ 27,515.52	-	\$ -	\$ 0.00	\$ -	\$ 27,515.52
TOTALS					\$ 373,583.66		\$ -	\$ 0.00	\$ -	\$ 373,583.66

#####

EIDDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

For (contract):	COMPREHENSIVE SEWER PHASE 5			Application Number: 3		0-Jan-00			
Application Period:		1/26/2017	TO	3/25/2017	Application Date:				
Pay Item	A	Bid Quantity	Unit Price	Bid Value	C	D	E	F	G
	Item Description				Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F)
	Subtotal from Previous Page			\$			\$0.00	\$	
21	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM	2495.0	\$ 10.79	\$ 26,921.05	*	*	\$0.00	\$	0%
22	HOT MIX ASPHALT, ST, 9.5MM	208.0	\$ 167.85	\$ 34,912.80	*	*	\$0.00	\$	0%
23	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	57.0	\$ 59.95	\$ 3,417.15	*	*	\$0.00	\$	0%
24	REMOVAL OF CROSS DRAINS (ALL TYPES AND SIZES)	16.0	\$ 11.99	\$ 191.84	*	*	\$0.00	\$	0%
25	30" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS	16.0	\$ 95.92	\$ 1,534.72	*	*	\$0.00	\$	0%
26	CLASS "B" CONCRETE, MINOR STRUCTURES	5.0	\$ 2,353.82	\$ 11,769.10	*	*	\$0.00	\$	0%
27	GRASSING	1.0	\$ 3,896.56	\$ 3,896.56	*	*	\$0.00	\$	0%
28	EROSION CONTROL	1.0	\$ 6,594.17	\$ 6,594.17	*	*	\$0.00	\$	0%
29	MOBILIZATION	1.0	\$ 44,960.26	\$ 44,960.26	*	*	\$0.00	\$	0%
30	MAINTENANCE OF TRAFFIC	1.0	\$ 29,973.50	\$ 29,973.50	*	*	\$0.00	\$	0%
	SITE 2-CORRINE STREET, EMERALD LANE & DUKE AVENUE								
1	8" SDR 26 PVC SEWER PIPE (6'-8')	243.0	\$ 24.46	\$ 5,943.78	28	\$ 684.88	\$0.00	\$ 684.88	12%
2	8" SDR 26 PVC SEWER PIPE (8'-10')	635.0	\$ 26.56	\$ 16,865.60	111	\$ 2,948.16	\$0.00	\$ 2,948.16	17%
3	8" SDR 26 PVC SEWER PIPE (10'-12')	125.0	\$ 28.95	\$ 3,618.75	115	\$ 3,329.25	\$0.00	\$ 3,329.25	92%
4	8" SDR 26 PVC SEWER PIPE (12'-14')	137.0	\$ 31.35	\$ 4,294.95	145	\$ 4,545.75	\$0.00	\$ 4,545.75	106%
5	8" SDR 26 PVC SEWER PIPE (14'-16')	102.0	\$ 36.15	\$ 3,687.30	77	\$ 2,783.55	\$0.00	\$ 2,783.55	75%
6	8" SDR 26 PVC SEWER PIPE (16'-18')	187.0	\$ 40.94	\$ 7,655.78	215	\$ 8,802.10	\$0.00	\$ 8,802.10	115%
7	8" SDR 11 HDPE SEWER SERVICE BORE	275.0	\$ 59.47	\$ 16,354.25	268	\$ 15,937.96	\$0.00	\$ 15,937.96	97%
8	15" SDR 26 PVC SEWER PIPE (6'-8')	733.0	\$ 38.50	\$ 28,220.50	647	\$ 24,909.50	\$0.00	\$ 24,909.50	88%
9	15" SDR 26 PVC SEWER PIPE (8'-10')	336.0	\$ 43.29	\$ 14,545.44	315	\$ 13,636.35	\$0.00	\$ 13,636.35	94%
10	15" SDR 26 PVC SEWER PIPE (10'-12')	225.0	\$ 48.09	\$ 10,820.25	266	\$ 12,791.94	\$0.00	\$ 12,791.94	118%
11	24" STEEL CASING (BORED)	60.0	\$ 213.46	\$ 12,807.60	30	\$ 6,403.80	\$0.00	\$ 6,403.80	50%
	MANHOLE ITEMS								
12	48" PRECAST CONCRETE SEWER MANHOLE (8'-10')	3.0	\$ 3,179.29	\$ 9,537.87	*	*	\$0.00	\$	0%
13	48" PRECAST CONCRETE SEWER MANHOLE (12'-14')	1.0	\$ 3,663.36	\$ 3,663.36	1	\$ 3,663.36	\$0.00	\$ 3,663.36	100%
	TOTALS			\$ 675,770.24		\$ 100,436.60	\$0.00	\$ 100,436.60	\$ 575,333.64

ECDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

For (contract):		COMPREHENSIVE SEWER PHASE 5		Application Number:		3		0-Jan-00			
Application Period:		1/26/2017 TO 3/25/2017		Application Date:							
Pay Item	Item Description	Bid Quantity	Unit Price	Bid Value	Estimated Quantity In-Place	D Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F)	Balance to Finish (B - F)	G
14	Subtotal from Previous Page			\$ 675,770.24		\$ 100,436.60	\$ 0.00	\$ 100,436.60		\$ 575,333.64	
15	48" PRECAST CONCRETE SEWER MANHOLE (14'-16")	1.0	\$ 4,675.87	\$ 4,675.87	1	\$ 4,675.87	\$ 0.00	\$ 4,675.87	100%	\$	\$
16	60" PRECAST CONCRETE SEWER MANHOLE (6'-8")	3.0	\$ 4,615.92	\$ 13,847.76	2	\$ 9,231.84	\$ 0.00	\$ 9,231.84	67%	\$ 4,615.92	\$
17	60" PRECAST CONCRETE SEWER MANHOLE (10'-12")	2.0	\$ 4,991.79	\$ 9,983.58	3	\$ 14,975.37	\$ 0.00	\$ 14,975.37	150%	\$ (4,991.79)	\$
18	DROP MANHOLE ASSEMBLY (ALL DEPTHS)	3.0	\$ 869.23	\$ 2,607.69	1	\$ 869.23	\$ 0.00	\$ 869.23	33%	\$ 1,738.46	\$
19	DEMOLITION AND REMOVAL OF EXISTING SEWER MANHOLE SEWER SERVICE ITEMS	8.0	\$ 1,498.68	\$ 11,989.44	5	\$ 7,493.40	\$ 0.00	\$ 7,493.40	63%	\$ 4,496.04	\$
20	6" SDR 26 PVC SEWER PIPE FOR SERVICES (ALL DEPTHS)	270.0	\$ 10.56	\$ 2,851.20	586	\$ 6,188.16	\$ 0.00	\$ 6,188.16	217%	\$ (3,336.96)	\$
21	8" X 8" X 6" PVC TEE	3.0	\$ 323.75	\$ 971.25	10	\$ 3,237.50	\$ 0.00	\$ 3,237.50	333%	\$ (2,266.25)	\$
22	SERVICE CONNECTION (INSERT A TEE)	6.0	\$ 585.08	\$ 3,510.48	17	\$ 9,946.36	\$ 0.00	\$ 9,946.36	283%	\$ (6,435.88)	\$
23	6" PVC CLEANOUT	9.0	\$ 370.47	\$ 3,334.23	25	\$ 9,261.75	\$ 0.00	\$ 9,261.75	278%	\$ (5,927.52)	\$
24	MISCELLANEOUS CONSTRUCTION ITEMS										
25	WATER SERVICE REPAIR (INCLUDING SERVICE TUBING, FITTING CRUSHED AGGREGATE (SIZE 825)	8.0	\$ 669.01	\$ 5,352.08	11	\$ 7,359.11	\$ 0.00	\$ 7,359.11	138%	\$ (2,007.03)	\$
26	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM	1387.0	\$ 44.96	\$ 62,359.52	1,101.32	\$ 49,515.35	\$ 0.00	\$ 49,515.35	79%	\$ 12,844.17	\$
27	HOT MIX ASPHALT, ST, 9.5MM	8090.0	\$ 11.39	\$ 92,145.10	2,478	\$ 28,224.42	\$ 0.00	\$ 28,224.42	31%	\$ 63,920.68	\$
28	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	530.0	\$ 167.85	\$ 88,960.50	-	\$ -	\$ 0.00	\$ 0.00	0%	\$ 88,960.50	\$
29	REMOVAL OF CROSS DRAINS (ALL TYPES AND SIZES)	25.0	\$ 59.95	\$ 1,498.75	-	\$ -	\$ 0.00	\$ 0.00	0%	\$ 1,498.75	\$
30	12" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS	180.0	\$ 11.99	\$ 2,158.20	88	\$ 1,055.12	\$ 0.00	\$ 1,055.12	49%	\$ 1,103.08	\$
31	18" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS	24.0	\$ 39.57	\$ 949.68	-	\$ -	\$ 0.00	\$ 0.00	0%	\$ 949.68	\$
32	21" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS	64.0	\$ 43.16	\$ 2,762.24	88	\$ 3,798.08	\$ 0.00	\$ 3,798.08	138%	\$ (1,035.84)	\$
33	24" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS	40.0	\$ 52.75	\$ 2,110.00	-	\$ -	\$ 0.00	\$ 0.00	0%	\$ 2,110.00	\$
34	CLASS "B" CONCRETE, MINOR STRUCTURES	48.0	\$ 70.74	\$ 3,395.52	-	\$ -	\$ 0.00	\$ 0.00	0%	\$ 3,395.52	\$
35	GRASSING	1.0	\$ 2,381.10	\$ 2,381.10	-	\$ -	\$ 0.00	\$ 0.00	0%	\$ 2,381.10	\$
36	EROSION CONTROL	1.0	\$ 3,896.56	\$ 3,896.56	-	\$ -	\$ 0.00	\$ 0.00	0%	\$ 3,896.56	\$
	MOBILIZATION	1.0	\$ 7,793.11	\$ 7,793.11	-	\$ -	\$ 0.00	\$ 0.00	0%	\$ 7,793.11	\$
	TOTALS	1.0	\$ 41,962.90	\$ 41,962.90	1.00	\$ 41,962.90	\$ 0.00	\$ 41,962.90	100%	\$	\$
				\$ 1,047,267.00		\$ 298,231.06	\$ 0.00	\$ 298,231.06		\$ 749,035.94	\$

EJCDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Contractor's Application

Page 5 of 9

Monthly Totals

		1	2	3	4	5	6	7	8	9	10	TOTAL
	DESCRIPTION	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
1	SITE 1-DOGWOOD DRIVE											0
2	4" 160 PSI PVC SANITARY SEWER FORCE MAIN (ALL DEPTHS)											0
3	8" SDR 26 PVC SEWER PIPE (0-5')											0
4	8" SDR 26 PVC SEWER PIPE (8'-10')											0
5	8" SDR 26 PVC SEWER PIPE (10'-12')											0
6	8" SDR 26 PVC SEWER PIPE (12'-14')											0
7	AIR RELEASE AND VACUUM VALVE ASSEMBLY (INCLUDING PRECAST CONCRETE MANHOLE)											0
8	MANHOLE ITEMS											0
9	48" PRECAST CONCRETE SEWER MANHOLE (0-5')											0
10	48" PRECAST CONCRETE SEWER MANHOLE (6'-8')											0
11	48" PRECAST CONCRETE SEWER MANHOLE (8'-10')											0
12	48" PRECAST CONCRETE SEWER MANHOLE (10'-12')											0
13	48" PRECAST CONCRETE SEWER MANHOLE (12'-14')											0
14	SEWER SERVICE ITEMS											0
15	6" SDR 26 PVC SEWER PIPE FOR SERVICES (ALL DEPTHS)											0
16	8" X 8" X 6" PVC TEE											0
17	6" PVC CLEANOUT											0
18	LIFT STATION ITEMS											0
19	LIFT STATION INCL CLEARING AND GRUBBING, BORROW MATERIAL, CRUSHED AGGREGATE, CONCRETE WET WELL, PUMPS, ELECTRICAL, DISCONNECT, VALVE PVT, GAUGES, SERVICE POLE, METER BOX, LIFTING CHAIN OR CABLE, GUIDE RAIL ASSEMBLY, CH											0
20	MISCELLANEOUS CONSTRUCTION ITEMS											0
	ABANDONMENT OF SEPTIC TANKS											0
	DROP MANHOLE ASSEMBLY (ALL DEPTHS)											0
	WATER SERVICE REPAIR (INCLUDING SERVICE TUBING, FITTINGS, CORP STOP, CURB STOP, TAPPING SADDLE, ETC)											0
	CRUSHED AGGREGATE (SIZE #25)											0

Monthly Totals

		1	2	3	4	5	6	7	8	9	10	TOTAL
	DESCRIPTION	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
21	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM											0
22	HOT MIX ASPHALT, 5T, 9.5MM											0
23	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)											0
24	REMOVAL OF CROSS DRAINS (ALL TYPES AND SIZES)											0
25	30" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS											0
26	CLASS "B" CONCRETE, MINOR STRUCTURES											0
27	GRASSING											0
28	EROSION CONTROL											0
29	MOBILIZATION											0
30	MAINTENANCE OF TRAFFIC											0
	SITE 2-CORRINE STREET, EMERALD LANE & DUKE AVENUE											0
1	8" SDR 26 PVC SEWER PIPE (6'-8")			28								28
2	8" SDR 26 PVC SEWER PIPE (8'-10")			111								111
3	8" SDR 26 PVC SEWER PIPE (10'-12")			115								115
4	8" SDR 26 PVC SEWER PIPE (12'-14")			145								145
5	8" SDR 26 PVC SEWER PIPE (14'-16")			77								77
6	8" SDR 26 PVC SEWER PIPE (16'-18")			215								215
7	8" SDR 11 HDPE SEWER SERVICE BORE			288								288
8	15" SDR 26 PVC SEWER PIPE (6'-8")		647									647
9	15" SDR 26 PVC SEWER PIPE (8'-10")	200	115									315
10	15" SDR 26 PVC SEWER PIPE (10'-12")	98	168									266
11	24" STEEL CASING (BORED)		30									30
	MANHOLE ITEMS											0
12	48" PRECAST CONCRETE SEWER MANHOLE (8'-10")			1								0
13	48" PRECAST CONCRETE SEWER MANHOLE (12'-14")											1

Monthly Totals

		1	2	3	4	5	6	7	8	9	10	TOTAL
	DESCRIPTION	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
14	48" PRECAST CONCRETE SEWER MANHOLE (14'-16')			1								1
15	60" PRECAST CONCRETE SEWER MANHOLE (8'-8')		2									2
16	60" PRECAST CONCRETE SEWER MANHOLE (10'-12')	2	1									3
17	DROP MANHOLE ASSEMBLY (ALL DEPTHS)		1									1
18	DEMOLITION AND REMOVAL OF EXISTING SEWER MANHOLE		5									5
	SEWER SERVICE ITEMS											0
19	6" SDI 26 PVC SEWER PIPE FOR SERVICES (ALL DEPTHS)	17	236	333								586
20	8" X 8" X 6" PVC TEE			10								10
21	SERVICE CONNECTION (INSERT A TEE)	1	16									17
22	6" PVC CLEANOUT	1	13	11								25
	MISCELLANEOUS CONSTRUCTION ITEMS											0
23	WATER SERVICE REPAIR (INCLUDING SERVICE TUBING, FITTINGS, CORP STOP, CURB STOP, TAPPING SADDL		3	8								11
24	CRUSHED AGGREGATE (SIZE 825)	111.39	538.72	451.21								1101.32
25	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM		716	1762								2478
26	HOT MIX ASPHALT, 5T, 9.5MM											0
27	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)											0
28	REMOVAL OF CROSS DRAINS (ALL TYPES AND SIZES)		88									88
29	12" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS											0
30	18" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS	40	48									0
31	21" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS											0
32	24" REINFORCED CONCRETE PIPE, CLASS 3, RUBBER GASKETS											0
33	CLASS "B" CONCRETE, MINOR STRUCTURES		0									0
34	GRASSING											0
35	EROSION CONTROL											0
36	MOBILIZATION	0.5	0.5									1

Monthly Totals

[illegible]



Engineering Progress

March 30, 2018

City of Hattiesburg
Post Office Box 1898
Hattiesburg MS 39403-1898

Attn: Lamar Rutland, P.E.

RE: Comprehensive Water Improvements Ph II -
City of Hattiesburg

Dear Mr. Rutland:

Enclosed please find Pay Estimate No. 2 for the above referenced project.

Should you have any questions and/or comments, please, do not hesitate to contact me.

Sincerely,

Kyle D. Wallace, P.E.
Project Engineer

/aa

cc: Terry Jackson, SDW

093695.7245.51

MB 2017-340



Application Period: Beginning: 2/17/2018 Ending: 3/25/2018		Application Date: 26-Mar-18
To (Owner): City of Hattiesburg, Mississippi		Via (Engineer): Shows, Dearman & Waits Inc.
Project: Comprehensive Water Improvements Phase II		
Owner's Contract No.: Not Applicable		Contractor's Project No.: Engineer's Project No.:

Change Order Summary		
Approved Change Orders		
Number	Additions	Deductions
TOTALS	\$ -	\$ -
NET CHANGE BY CHANGE ORDERS		
	\$ -	\$ -

CONTRACTOR'S CERTIFICATION

CONTRACTOR'S CERTIFICATION

The undersigned Contractor certifies that: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Date: 7-30-18

Progress Estimate

Contractor's Application

For (contract):		Comprehensive Water Improvements Phase II			Application Number: 2					
Application Period:		2/17/2018 TO 3/25/2018			Application Date 26-Mar-18					
Pay Item	A	Bid Quantity	Unit Price	B	C	D	E	F	%	G
	Item Description			Bid Value	Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	(F)	Balance to Finish (F)
WATER PIPE ITEMS										
1	4" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	260.0	\$ 25.44	\$ 6,614.40	6	\$ 152.64	\$ 3,977.64	\$ 4,130.28	62%	\$ 2,484.12
2	6" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	280.0	\$ 23.74	\$ 6,647.20	26	\$ 617.24	\$ 2,623.82	\$ 3,241.06	49%	\$ 3,406.14
3	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	590.0	\$ 23.72	\$ 13,994.80	1,320	\$ 31,310.40	-	\$ 31,310.40	224%	\$ (17,315.60)
4	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	27000.0	\$ 31.08	\$ 839,160.00	9,940	\$ 308,935.20	\$ 362,866.20	\$ 671,801.40	80%	\$ 167,358.60
5	12" CLASS 350 DUCTILE IRON WATER PIPE (BORED-NO CASING)	1090.0	\$ 66.98	\$ 73,008.20	20	\$ 1,339.60	\$ 7,869.90	\$ 9,209.50	13%	\$ 63,798.70
6	16" 200 PSI, DR9, HDPE (OPEN CUT)(INCL ADAPTER FITTINGS)	780.0	\$ 111.27	\$ 86,790.60	80	\$ 8,901.60	-	\$ 8,901.60	10%	\$ 77,889.00
7	16" 200 PSI, DR9, HDPE (DIRECTION BORE)(INCL ADAPTER FITTINGS)	460.0	\$ 133.85	\$ 61,571.00	-	-	-	\$ -	-	\$ 61,571.00
CASING ITEMS										
8	18" STEEL CASING, 0.25" WT (OPEN CUT)	20.0	\$ 112.00	\$ 2,240.00	40	\$ 4,480.00	-	\$ 4,480.00	200%	\$ (2,240.00)
9	14" STEEL CASING, 0.25" WT (BORED)	40.0	\$ 94.99	\$ 3,799.60	-	-	-	-	-	\$ 3,799.60
10	18" STEEL CASING, 0.25" WT (BORED)	610.0	\$ 112.44	\$ 68,588.40	-	-	-	-	-	\$ 68,588.40
11	20" STEEL CASING, 0.375" WT (BORED-RAILROAD)	740.0	\$ 295.72	\$ 218,832.80	-	-	-	-	-	\$ 218,832.80
CONNECTION ITEMS										
12	CONNECTION: PROPOSED 12" TO EXISTING 12" (STRAIGHT CONNECTION)	2.0	\$ 1,509.99	\$ 3,019.98	-	-	-	-	-	\$ 3,019.98
13	CONNECTION: PROPOSED 12" TO EXISTING 12" (HOT TAP w/ CONNECTION)	3.0	\$ 6,603.33	\$ 19,809.99	-	-	-	-	-	\$ 19,809.99
14	CONNECTION: PROPOSED 12" TO PROPOSED 12" (TEE & OTHER CONNECTION)	5.0	\$ 1,741.31	\$ 8,706.55	-	-	-	-	-	\$ 8,706.55
15	CONNECTION: PROPOSED 12" TO PROPOSED 12" & 8" (TEE & OTHER CONNECTION)	1.0	\$ 2,191.77	\$ 2,191.77	-	-	-	-	-	\$ 2,191.77
16	CONNECTION: PROPOSED 12" TO PROPOSED 8" (TEE & OTHER CONNECTION)	2.0	\$ 1,723.93	\$ 3,447.86	-	-	-	-	-	\$ 3,447.86
17	CONNECTION: PROPOSED 12" TO PROPOSED 12" & EXISTING	1.0	\$ 3,061.78	\$ 3,061.78	-	-	-	-	-	\$ 3,061.78
18	CONNECTION: PROPOSED 12" TO PROPOSED 12" & EXISTING	2.0	\$ 2,263.80	\$ 4,527.60	-	-	-	-	-	\$ 4,527.60
19	CONNECTION: PROPOSED 12" TO EXISTING 6" (TEE & OTHER CONNECTION)	10.0	\$ 1,878.23	\$ 18,782.30	1	\$ 1,878.23	-	\$ 1,878.23	10%	\$ 16,904.07
20	CONNECTION: PROPOSED 12" TO EXISTING 6" & 4" (TEES & OTHER CONNECTION)	1.0	\$ 2,813.19	\$ 2,813.19	-	-	-	-	-	\$ 2,813.19
21	CONNECTION: PROPOSED 12" TO EXISTING 6" & 4" (CROSS & OTHER CONNECTION)	1.0	\$ 3,093.80	\$ 3,093.80	-	-	-	-	-	\$ 3,093.80
22	CONNECTION: PROPOSED 12" TO EXISTING 4" (TEE & OTHER CONNECTION)	12.0	\$ 2,025.74	\$ 24,308.88	4	\$ 8,102.96	-	\$ 8,102.96	33%	\$ 16,205.92
TOTALS				\$ 1,475,010.70		\$ 365,717.87	\$ 537,337.56	\$ 743,055.43		\$ 751,055.27

EJCDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

For (Contract):		Comprehensive Water Improvements Phase II		Application Number:		2		26-Mar-18	
Application Period:		2/17/2018 TO 3/25/2018		Application Date:					
Pay Item	A	Bid Quantity	Unit Price	Bid Value	C	D	E	F	G
	Item Description				Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	% (F)
23	Subtotal from Previous Page			\$ 1,475,010.70		\$ 365,717.87	\$377,337.56	\$ 743,055.43	
24	CONNECTION: PROPOSED 6" TO EXISTING 12" (HOT TAP w/ V	1.0	\$ 3,660.35	\$ 3,660.35	1	\$ 3,660.35	\$ -	\$ 3,660.35	100%
25	CONNECTION: PROPOSED 8" TO EXISTING 6" (TEE & OTHER F	1.0	\$ 1,702.56	\$ 1,702.56	-	\$ -	\$ -	\$ -	
26	CONNECTION: PROPOSED 8" TO EXISTING 6" & 4" (TEES & OT	1.0	\$ 2,657.87	\$ 2,657.87	2	\$ 5,315.74	\$ -	\$ 5,315.74	200%
27	VALVE ITEMS								
28	4" GATE VALVE	9.0	\$ 684.95	\$ 6,164.55	7	\$ 4,794.65	\$ -	\$ 4,794.65	78%
29	6" GATE VALVE	14.0	\$ 840.19	\$ 11,762.66	1	\$ 840.19	\$ -	\$ 840.19	7%
30	8" GATE VALVE	4.0	\$ 1,154.21	\$ 4,616.84	6	\$ 6,925.26	\$ -	\$ 6,925.26	150%
31	12" GATE VALVE	66.0	\$ 2,036.87	\$ 134,433.42	10	\$ 20,368.70	\$ -	\$ 20,368.70	15%
32	FIRE PROTECTION ITEMS								
33	3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL. TEE, VALVE	42.0	\$ 3,708.92	\$ 155,774.64	10	\$ 37,089.20	\$ -	\$ 37,089.20	24%
34	6" FIRE SUPPRESSION SYSTEM CONNECTION (INCL. TEE, VALV	1.0	\$ 4,146.85	\$ 4,146.85	-	\$ -	\$ -	\$ -	
35	SERVICE ITEMS								
36	RESIDENTIAL SERVICE TAP (ALL SIZES) (INCL. OPEN CUT SERV	99.0	\$ 445.19	\$ 44,073.81	3	\$ 1,335.57	\$ -	\$ 1,335.57	3%
37	COMMERCIAL SERVICE TAP (ALL SIZES) (INCL. OPEN CUT SERV	17.0	\$ 1,085.64	\$ 18,455.88	3	\$ 3,256.92	\$ -	\$ 3,256.92	18%
38	SERVICE TUBING (BORED) (ALL SIZES)	1585.0	\$ 4.13	\$ 6,546.05	-	\$ -	\$ -	\$ -	
39	RESIDENTIAL METER (INCL. METER, METER BOX, CITY FEES, ET	15.0	\$ 550.23	\$ 8,253.45	-	\$ -	\$ -	\$ -	
40	REMOVAL ITEMS								
41	REMOVAL OF FIRE HYDRANT AND APPURTENANCES	24.0	\$ 409.36	\$ 9,824.64	-	\$ -	\$ -	\$ -	
42	ABANDONMENT OF EXISTING WATER LINES WITH FLOWABLE	760.0	\$ 7.75	\$ 5,890.00	-	\$ -	\$ -	\$ -	
43	REMOVE AND RESET EXISTING STORM SEWER CULVERTS (ALL	1.0	\$ 4,678.36	\$ 4,678.36	-	\$ -	\$ -	\$ -	
44	MISCELLANEOUS CONSTRUCTION ITEMS								
45	SELECT FILL MATERIAL (CLASS 9, GROUP C), LVM FOR GRAVEL	35.0	\$ 21.05	\$ 736.75	46	\$ 968.30	\$ -	\$ 968.30	131%
46	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	460.0	\$ 181.29	\$ 83,393.40	-	\$ -	\$ -	\$ -	
47	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	338.0	\$ 116.96	\$ 39,532.48	-	\$ -	\$ -	\$ -	
48	CONCRETE CURB AND GUTTER REPAIR (MATCH EXISTING IN K	25.0	\$ 58.48	\$ 1,462.00	-	\$ -	\$ -	\$ -	
49	TOTALS			\$ 2,022,777.26		\$ 450,272.75	\$377,337.56	\$ 827,610.31	
50				\$		\$	\$	\$	
51				\$		\$	\$	\$	
52				\$		\$	\$	\$	
53				\$		\$	\$	\$	
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97				\$		\$	\$	\$	
98				\$		\$	\$	\$	
99				\$		\$	\$	\$	
100				\$		\$	\$	\$	

Contractor's Application

EJCDC No. C-620 (2002 Edition)
Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Monthly Totals

	1	2	3	4	5	6	7	8	9	10	TOTAL
	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
	WATER PIPE ITEMS										
1	4	2									6
2	6	20									26
3	60	1260									1320
4	4560	5380									9940
5	20	80									20
6											80
7											
	CASING ITEMS										
8		40									40
9											
10											
11											
	CONNECTION ITEMS										
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22	3	1	1								4

Monthly Totals

	1	2	3	4	5	6	7	8	9	10	TOTAL
	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
23	1										1
24											
25		2									2
26	3	4									7
27		1									1
28		6									6
29	4	6									10
30											
31	5	5									10
32											
33		3									3
34		3									3
35											
36											
37											
38											
39	32	14									46
40											
41											
42											

Monthly Totals

[illegible]

Stored Material Summary

Contractor's Application

For (contract):		Comprehensive Water Improvements Phase II				Application Number: 2						
Application Period:		2/17/2018		TO 3/25/2018		Application Date: 26-Mar-18						
A	B	C				D		E		F		G
Pay Item No.	Unit Price	Materials Description	Stored Previously		Stored this Month		Incorporated in Work		Materials Remaining in Storage (\$)(D + E - F)			
			Quantity	Amount (\$)	Quantity	Amount (\$)	Quantity	Amount (\$)	Quantity	Amount (\$)		
		WATER PIPE ITEMS										
1	\$ 15.66	4" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	-	\$ -	260	\$ 4,071.60	-	\$ -	6	\$ 93.96	\$ -	\$ 3,977.61
2	\$ 10.33	6" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	-	\$ -	280	\$ 2,892.40	-	\$ -	26	\$ 268.58	\$ -	\$ 2,623.82
3	\$ 13.00	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	-	\$ -	590	\$ 7,670.00	-	\$ -	1,320	\$ 17,160.00	\$ -	\$ -
4	\$ 21.27	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	-	\$ -	27,000	\$ 574,290.00	-	\$ -	9,940	\$ 211,423.80	\$ -	\$ 362,866.20
5	\$ 21.27	12" CLASS 350 DUCTILE IRON WATER PIPE (BORED-NO CASING)	-	\$ -	390	\$ 8,295.30	-	\$ -	20	\$ 425.40	\$ -	\$ 7,869.90
6		16" 200 PSI, DR9, HDPE (OPEN CUT)(INCL ADAPTER FITTINGS)	-	\$ -		\$ -	-	\$ -	80	\$ -	\$ -	\$ -
7		16" 200 PSI, DR9, HDPE (DIRECTION BORE)(INCL ADAPTER FITTINGS)	-	\$ -		\$ -	-	\$ -		\$ -	\$ -	\$ -
		CASING ITEMS										
8		18" STEEL CASING, 0.25" WT (OPEN CUT)	-	\$ -		\$ -	-	\$ -	40	\$ -	\$ -	\$ -
9		14" STEEL CASING, 0.25" WT (BORED)	-	\$ -		\$ -	-	\$ -		\$ -	\$ -	\$ -
10		18" STEEL CASING, 0.25" WT (BORED)	-	\$ -		\$ -	-	\$ -		\$ -	\$ -	\$ -
11		20" STEEL CASING, 0.375"WT (BORED-RAILROAD)	-	\$ -		\$ -	-	\$ -		\$ -	\$ -	\$ -
		CONNECTION ITEMS										
12		CONNECTION: PROPOSED 12" TO EXISTING 12" (STRAIGHT CONNECTION w/ FITTINGS)	-	\$ -		\$ -	-	\$ -		\$ -	\$ -	\$ -
13		CONNECTION: PROPOSED 12" TO EXISTING 12" (HOT TAP w/ VALVE ASSEMBLY & OTHER FITTING)	-	\$ -		\$ -	-	\$ -		\$ -	\$ -	\$ -
14		CONNECTION: PROPOSED 12" TO PROPOSED 12" (TEE & OTHER FITTINGS)	-	\$ -		\$ -	-	\$ -		\$ -	\$ -	\$ -
15		CONNECTION: PROPOSED 12" TO PROPOSED 12" & 8" (TEE & OTHER FITTINGS)	-	\$ -		\$ -	-	\$ -		\$ -	\$ -	\$ -
16		CONNECTION: PROPOSED 12" TO PROPOSED 8" (TEE & OTHER FITTINGS)	-	\$ -		\$ -	-	\$ -		\$ -	\$ -	\$ -
17		CONNECTION: PROPOSED 12" TO PROPOSED 12" & EXISTING 8" & 6" (TEES & OTHER FITTINGS)	-	\$ -		\$ -	-	\$ -		\$ -	\$ -	\$ -
18		CONNECTION: PROPOSED 12" TO PROPOSED 12" & EXISTING 4" (TEE & OTHER FITTINGS)	-	\$ -		\$ -	-	\$ -		\$ -	\$ -	\$ -
19		CONNECTION: PROPOSED 12" TO EXISTING 6" (TEE & OTHER FITTINGS)	-	\$ -		\$ -	-	\$ -	1	\$ -	\$ -	\$ -
20		CONNECTION: PROPOSED 12" TO EXISTING 6" & 4" (TEES & OTHER FITTINGS)	-	\$ -		\$ -	-	\$ -		\$ -	\$ -	\$ -
21		CONNECTION: PROPOSED 12" TO EXISTING 6" & 4" (CROSS & OTHER FITTINGS)	-	\$ -		\$ -	-	\$ -		\$ -	\$ -	\$ -
22		CONNECTION: PROPOSED 12" TO EXISTING 4" (TEE & OTHER FITTINGS)	-	\$ -		\$ -	-	\$ -	4	\$ -	\$ -	\$ -
			\$ -		\$ 597,219.30		\$ 229,371.74		\$ 377,337.56			
					TOTALS							

ECDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Contractor's Application

EJCDC No. C-620 (2002 Edition)

Page 9 of 10



Engineering Progress

March 30, 2018

City of Hattiesburg
Post Office Box 1898
Hattiesburg MS 39403-1898

Attn: Lamar Rutland, P.E.

**RE: Comprehensive Water Improvements Ph V -
City of Hattiesburg**

Dear Mr. Rutland:

Enclosed please find Pay Estimate No. 3 for the above referenced project.

Should you have any questions and/or comments, please, do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kyle D. Wallace', is written over a light blue horizontal line.

Kyle D. Wallace, P.E.
Project Engineer

/aa

cc: C.B. Developers, SDW files

093695.7245.62
mB 2017-341

RECEIVED
4/2/18

LR

Progress Estimate

Contractor's Application

For (contract):	COMPREHENSIVE WATER IMPROVEMENTS PHASE 5			Application Nurr		3		3/19/2018		19-Mar-18	
Application Period:	1/26/2018	TO	2/25/2018	Application Date:							
Pay Item	A	Bid Quantity	Unit Price	B	C	D	E	F	%	G	
	Item Description			Bid Value	Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	(F)	Balance to Finish (F)	
Site 1-US 49 N & Blackwell Blvd											
WATER PIPE ITEMS											
1	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	1240.0	\$ 21.61	\$ 26,796.40	1,240	\$ 26,796.40	\$ 0.00	\$ 26,796.40	100%	\$ -	
2	8" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING	160.0	\$ 43.45	\$ 6,952.00	260	\$ 11,297.00	\$ 0.00	\$ 11,297.00	163%	\$ (4,345.00)	
3	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	4390.0	\$ 31.38	\$ 137,758.20	4,870	\$ 152,820.60	\$ 0.00	\$ 152,820.60	111%	\$ (15,062.40)	
4	12" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASIN	380.0	\$ 67.39	\$ 25,608.20	460	\$ 30,999.40	\$ 0.00	\$ 30,999.40	121%	\$ (5,391.20)	
5	16" HDPE (DR9)(OPEN CUT)(INCL. ADAPTER FITTINGS)	60.0	\$ 113.22	\$ 6,793.20	-	\$ -	\$ 0.00	\$ -	0%	\$ 6,793.20	
6	16" HDPE (DR9)(BORED)(NO CASING)(INCL. ADAPTER FITTING	860.0	\$ 124.87	\$ 107,388.20	-	\$ -	\$ 0.00	\$ -	0%	\$ 107,388.20	
6a	22" HDPE (DR13.5) CASING (BORED)	260.0	\$ 148.77	\$ 38,680.20	-	\$ -	\$ 0.00	\$ -	0%	\$ 38,680.20	
7	24" STEEL CASING, 0.375"WT (OPEN CUT)	40.0	\$ 85.80	\$ 3,432.00	40	\$ 3,432.00	\$ 0.00	\$ 3,432.00	100%	\$ -	
8	24" STEEL CASING, 0.250"WT (BORED)	400.0	\$ 160.72	\$ 64,288.00	500	\$ 80,360.00	\$ 0.00	\$ 80,360.00	125%	\$ (16,072.00)	
9	10" HDPE (DR9)(BORED)(NO CASING)(INCL. ADAPTER FITTING	180.0	\$ 63.10	\$ 11,358.00	180	\$ 11,358.00	\$ 0.00	\$ 11,358.00	100%	\$ -	
CONNECTION ITEMS											
10	CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" V	2.0	\$ 1,381.44	\$ 2,762.88	2	\$ 2,762.88	\$ 0.00	\$ 2,762.88	100%	\$ -	
11	CONNECTION: PROPOSED 8" DUCTILE IORN WATER RLNE TO	1.0	\$ 2,915.08	\$ 2,915.08	1	\$ 2,915.08	\$ 0.00	\$ 2,915.08	100%	\$ -	
12	CONNECTION: PROPOSED 8" WATER LINE TO PROPOSED 8" W	1.0	\$ 1,416.56	\$ 1,416.56	1	\$ 1,416.56	\$ 0.00	\$ 1,416.56	100%	\$ -	
VALVE AND HYDRANT ITEMS											
13	8" GATE VALVE	0.0	\$ -	\$ -	-	\$ -	\$ 0.00	\$ -	#DIV/0!	\$ -	
14	12" GATE VALVE	6.0	\$ 1,204.39	\$ 7,226.34	5	\$ 6,021.95	\$ 0.00	\$ 6,021.95	83%	\$ 1,204.39	
15	3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL. TEE, VALVE	4.0	\$ 2,119.85	\$ 8,479.40	3	\$ 6,359.55	\$ 0.00	\$ 6,359.55	75%	\$ 2,119.85	
MISCELLANEOUS CONSTRUCTION ITEMS											
16	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	10.0	\$ 3,907.84	\$ 39,078.40	11	\$ 42,986.24	\$ 0.00	\$ 42,986.24	110%	\$ (3,907.84)	
17	LOOSE RIP RAP, SIZE 100	15.0	\$ 58.54	\$ 878.10	-	\$ -	\$ 0.00	\$ -	0%	\$ 878.10	
18	TEMPORARY EROSION CONTROL	20.0	\$ 60.88	\$ 1,217.60	-	\$ -	\$ 0.00	\$ -	0%	\$ 1,217.60	
19	GRASSING	1.0	\$ 585.36	\$ 585.36	1	\$ 585.36	\$ 0.00	\$ 585.36	100%	\$ -	
TOTALS											
		1.0	\$ 3,512.14	\$ 3,512.14	1	\$ 3,512.14	\$ 0.00	\$ 3,512.14	100%	\$ -	
				\$ 383,623.16		\$ 383,623.16	\$ 0.00	\$ 383,623.16		\$ 113,503.10	

EJCDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

Fee (contract):		COMPREHENSIVE WATER IMPROVEMENTS PHASE 5				Application Number: 3		19-Mar-18	
Application Period:		1/26/2018 TO 2/25/2018		Application Date:					
Pay Item	A	Bid Quantity	Unit Price	Bid Value	C	D	E	F	G
	Item Description				Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	Balance to Finish (F)
20	MOBILIZATION								
21	MAINTENANCE OF TRAFFIC	1.0	\$ 11,707.13	\$ 11,707.13	1	\$ 11,707.13	\$ 0.00	\$ 11,707.13	\$ 113,503.10
	SITE 8"10-COMMERCE DRIVE, I-59, AND THORNHILL DRIVE	1.0	\$ 9,951.06	\$ 9,951.06	1	\$ 9,951.06		\$ 9,951.06	
	WATER PIPE ITEMS								
1	6" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	60.0	\$ 21.59	\$ 1,295.40	60	\$ 1,295.40		\$ 1,295.40	\$ 1,295.40
2	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	50.0	\$ 22.37	\$ 1,118.50	85	\$ 1,901.45		\$ 1,901.45	\$ (782.95)
3	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	2990.0	\$ 33.75	\$ 100,912.50	3,045	\$ 102,768.75		\$ 102,768.75	\$ (1,856.25)
4	16" HDPE (DR8)(OPEN CUT)(INCL. ADAPTER FITTINGS)	380.0	\$ 75.79	\$ 28,800.20	340	\$ 25,768.60		\$ 25,768.60	\$ 3,031.60
5	24" STEEL CASING, 0.250"WT (BORED)	340.0	\$ 160.38	\$ 54,529.20	340	\$ 54,529.20		\$ 54,529.20	
	CONNECTION ITEMS								
6	CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" V	2.0	\$ 3,459.46	\$ 6,918.92	1	\$ 3,459.46		\$ 3,459.46	\$ 3,459.46
7	CONNECTION: PROPOSED 12" WATER LINE TO PROPOSED 6" W	1.0	\$ 1,459.88	\$ 1,459.88	1	\$ 1,459.88		\$ 1,459.88	
8	CONNECTION: PROPOSED 6" WATER LINE TO EXISTING 6" W	1.0	\$ 3,768.53	\$ 3,768.53					\$ 3,768.53
9	CONNECTION: PROPOSED 12" WATER LINE TO PROPOSED 8"	1.0	\$ 1,503.20	\$ 1,503.20	1	\$ 1,503.20		\$ 1,503.20	
10	CONNECTION: PROPOSED 8" WATER LINE TO EXISTING 8" W	1.0	\$ 4,179.45	\$ 4,179.45	2	\$ 8,358.90		\$ 8,358.90	\$ (4,179.45)
11	CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 8" W	1.0	\$ 3,378.68	\$ 3,378.68					\$ 3,378.68
	VALVE AND HYDRANT ITEMS								
12	12" GATE VALVE	4.0	\$ 2,120.16	\$ 8,480.64	1	\$ 2,120.16		\$ 2,120.16	\$ 6,360.48
13	3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL. TEE, VALVE	6.0	\$ 3,896.88	\$ 23,381.28	3	\$ 11,690.64		\$ 11,690.64	\$ 11,690.64
	MISCELLANEOUS CONSTRUCTION ITEMS								
14	ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	54.0	\$ 101.85	\$ 5,499.90					\$ 5,499.90
15	CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	85.0	\$ 58.54	\$ 4,975.90					\$ 4,975.90
16	CONCRETE CURB & GUTTER REPAIR (ALL TYPES)	125.0	\$ 40.97	\$ 5,121.25					\$ 5,121.25
17	CONCRETE SIDEWALK REPAIR (ALL DEPTHS)	5.0	\$ 40.97	\$ 204.85					\$ 204.85
18	TEMPORARY EROSION CONTROL	1.0	\$ 585.36	\$ 585.36					\$ 585.36
	TOTALS			\$ 774,898.09		\$ 620,136.99	\$ 50.00	\$ 620,136.99	\$ 154,761.10

EJDC No. C-620 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

For (contract):		COMPREHENSIVE WATER IMPROVEMENTS PHASE 5				Application Number: 3	
Application Period:		1/26/2018 TO 2/25/2018		Application Date: 19-Mar-18			
Pay Item	A	B	C	D	E	F	G
	Item Description	Bid Value	Estimated Quantity Installed	Value	Materials Stored (not in C)	Total Completed and Stored to Date (D + E)	Balance to Finish (F)
		Unit Price	Bluf Quantity				% (F)
							</

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Contractor's Application

EJCDC No. C-620 (2002 Edition)
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Monthly Totals

[illegible]

Monthly Totals

	1	2	3	4	5	6	7	8	9	10	TOTAL
	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed	Estimated Quantity Installed
20											
21											
	MOBILIZATION										
	MAINTENANCE OF TRAFFIC										
	SITE 8"-10-COMMERCE DRIVE, 1-50, AND THORNHILL DRIVE										
	WATER PIPE ITEMS										
1		60									60
2		85									85
3	1560	1485									3045
4		340									340
5		340									340
	CONNECTION ITEMS										
6		1									1
7		1									1
8											0
9		1									1
10		2									2
11											0
	VALVE AND HYDRANT ITEMS										
12		1									1
13	1	2									3
	MISCELLANEOUS CONSTRUCTION ITEMS										
14											0
15											0
16											0
	CONCRETE SIDEWALK REPAIR (ALL DEPTHS)										
18											0
	TEMPORARY EROSION CONTROL										

Monthly Totals

	DESCRIPTION	1	2	3	4	5	6	7	8	9	10	TOTAL
19	GRASSING											0
20	MOBILIZATION	0.5	0.5									1
21	MAINTENANCE OF TRAFFIC		1									1
	SITE 11-US HWY 90 @WESTOVER DRIVE											
	WATER PIPE ITEMS											
1	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)		70									70
2	16" HDPE (DR9)(BORED)(NO CASING)(INCL. ADAPTER FITTINGS)		180									180
3	24" STEEL CASING, 0.250"WT (BORED)		140									140
	CONNECTION ITEMS											
4	CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 8" WATER LINE (STRAIGHT REDUCER)		1									1
5	CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE (HOT TAP)		1									1
	VALVE AND HYDRANT ITEMS											
6	12" GATE VALVE											0
	MISCELLANEOUS CONSTRUCTION ITEMS											
7	TEMPORARY EROSION CONTROL											0
8	GRASSING											0
9	MOBILIZATION		0.5	0.5								1
10	MAINTENANCE OF TRAFFIC		0.5	0.5								1
	SITE 12-LINCOLN ROAD AND OAK GROVE ROAD											
	WATER PIPE ITEMS											
1	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)			120								120
2	8" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING)			60								60
3	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)		1080	810	0							1890
4	12" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING)		240	270								510
5	10" HDPE (DR9)(BORED)(NO CASING)(INCL. ADAPTER FITTINGS)											0

Monthly Totals

[illegible]

Stored Material Summary

3's Application

For contract:	COMPREHENSIVE WATER IMPROVEMENTS PHASE 5	1/26/2018	2/25/2018	3/19/2018	3	19-Mar-18	
Application Period:	1/26/2018	TO	2/25/2018	Application Date:			
A	B	C	D	E	F	G	
Pay Item No.	Unit Price	Materials Description	Quantity	Amount (\$)	Quantity	Amount (\$)	Materials Remaining in Storage (\$)(D + E - F)
		Site 1-US 49 N & Blackwell Blvd					
		WATER PIPE ITEMS					
1		8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	0	\$	1,240	\$	\$
2		8" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING)	0	\$	260	\$	\$
3		12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	0	\$	4,870	\$	\$
4		12" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING)	0	\$	460	\$	\$
5		16" HDPE (DR9)(OPEN CUT)(INCL. ADAPTER FITTINGS)	0	\$	0	\$	\$
6		16" HDPE (DR9)(BORED)(NO CASING)(INCL. ADAPTER FITTINGS)	0	\$	0	\$	\$
6a		22" HDPE (DR13.5) CASING (BORED)	0	\$	0	\$	\$
7		24" STEEL CASING, 0.375"WT (OPEN CUT)	0	\$	40	\$	\$
8		24" STEEL CASING, 0.250"WT (BORED)	0	\$	500	\$	\$
9		10" HDPE (DR9)(BORED)(NO CASING)(INCL. ADAPTER FITTINGS)	0	\$	180	\$	\$
		CONNECTION ITEMS					
10		CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE (STRAIGHT)	0	\$	2	\$	\$
11		CONNECTION: PROPOSED 8" DUCTILE IRON WATER LINE TO PROPOSED 12" HDPE WATER LINE	0	\$	1	\$	\$
12		CONNECTION: PROPOSED 8" WATER LINE TO PROPOSED 8" WATER LINE (TEE)	0	\$	1	\$	\$
		VALVE AND HYDRANT ITEMS					
13		8" GATE VALVE	0	\$	5	\$	\$
14		12" GATE VALVE	0	\$	3	\$	\$
15		3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL. TEE, VALVE, HYDRANT, BRASS TAG, PIPE, & ORNAMENT)	0	\$	11	\$	\$
		MISCELLANEOUS CONSTRUCTION ITEMS					
16		CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	0	\$	0	\$	\$
17		LOOSE RIP RAP, SIZE 100	0	\$	0	\$	\$
18		TEMPORARY EROSION CONTROL	0	\$	1	\$	\$
19		GRASSING	0	\$	1	\$	\$
		TOTALS		\$		\$	\$0.00

EJCDC No. C-620 (2002 Edition)

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Stored Material Summary

Contractor's Application

For (contract):				COMPREHENSIVE WATER IMPROVEMENTS PHASE 5				Application Number: 3			
Application Period:				1/26/2018		TO 2/25/2018		Application Date: 19-Mar-18			
A	B	C	D	E		F		G			
Pay Item No.	Unit Price	Materials Description	Stored Previously		Stored this Month		Incorporated in Work		Materials Remaining in Storage (\$)(D + E - F)		
			Quantity	Amount (\$)	Quantity	Amount (\$)	Quantity	Amount (\$)			
20		MOBILIZATION		\$ -		\$ -		\$ -	\$0.00		
21		MANITENANCE OF TRAFFIC	-	\$ -	0	\$ -	1	\$ -			
		SITE 8-10-COMMERCE DRIVE, I-59, AND THORNHILL DRIVE									
		WATER PIPE ITEMS									
1	\$ 10.33	6" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	60	\$ 619.80	0	\$ -	60	\$ 619.80	\$ -		
2	\$ 13.00	8" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	50	\$ 650.00	0	\$ -	85	\$ 1,105.00	\$ -		
3	\$ 21.27	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	2,990	\$ 63,597.30	0	\$ -	3,045	\$ 64,767.15	\$ -		
4		16" HDPE (DR9)(OPEN CUT)(INCL. ADAPTER FITTINGS)	-	\$ -	0	\$ -	340	\$ -	\$ -		
5	\$ 30.32	24" STEEL CASING, 0.250"WT (BORED)	340	\$ 10,308.80	0	\$ -	340	\$ 10,308.80	\$ -		
		CONNECTION ITEMS									
6		CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE (HOT TAP)	-	\$ -	0	\$ -	1	\$ -	\$ -		
7		CONNECTION: PROPOSED 12" WATER LINE TO PROPOSED 6" WATER LINE (TEE)	-	\$ -	0	\$ -	1	\$ -	\$ -		
8		CONNECTION: PROPOSED 6" WATER LINE TO EXISTING 6" WATER LINE (HOT TAP)	-	\$ -	0	\$ -	0	\$ -	\$ -		
9		CONNECTION: PROPOSED 12" WATER LINE TO PROPOSED 8" WATER LINE (TEE)	-	\$ -	0	\$ -	1	\$ -	\$ -		
10		CONNECTION: PROPOSED 8" WATER LINE TO EXISTING 8" WATER LINE (HOT TAP)	-	\$ -	0	\$ -	2	\$ -	\$ -		
11		CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 8" WATER LINE (HOT TAP)	-	\$ -	0	\$ -	0	\$ -	\$ -		
		VALVE AND HYDRANT ITEMS									
12		12" GATE VALVE	-	\$ -	0	\$ -	1	\$ -	\$ -		
13		3 WAY FIRE HYDRANT w/ APPURTENANCES (INCL. TEE, VALVE, HYDRANT, BRASS TAG, PIPE, & O	-	\$ -	0	\$ -	3	\$ -	\$ -		
		MISCELLANEOUS CONSTRUCTION ITEMS									
14		ASPHALT PAVEMENT REPAIR (ALL DEPTHS)	-	\$ -	0	\$ -	0	\$ -	\$ -		
15		CONCRETE PAVEMENT REPAIR (ALL DEPTHS)	-	\$ -	0	\$ -	0	\$ -	\$ -		
16		CONCRETE CURB & GUTTER REPAIR (ALL TYPES)	-	\$ -	0	\$ -	0	\$ -	\$ -		
17		CONCRETE SIDEWALK REPAIR (ALL DEPTHS)	-	\$ -	0	\$ -	0	\$ -	\$ -		
18		TEMPORARY EROSION CONTROL	-	\$ -	0	\$ -	0	\$ -	\$ -		
		TOTALS		\$ 75,175.90		\$ -		\$ 76,800.75	\$0.00		

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Stored Material Summary

Contractor's Application

COMPREHENSIVE WATER IMPROVEMENTS PHASE 5				Application Number: 3				
Application Period: 1/26/2018 TO 2/25/2018		Application Date: 19-Mar-18						
A	B	C	D		E		F	G
Pay Item No.	Unit Price	Materials Description	Stored Previously		Stored this Month		Incorporated in Work	
			Quantity	Amount (\$)	Quantity	Amount (\$)	Quantity	Amount (\$)
		Subtotal From Previous Page		\$ 75,175.90		\$ -		\$ 76,800.75
19		GRASSING	-	\$ -	0	\$ -	0	\$ -
20		MOBILIZATION	-	\$ -	0	\$ -	1	\$ -
21		MANITENANCE OF TRAFFIC	-	\$ -	0	\$ -	1	\$ -
SITE 11-US HWY 98 @WESTOVER DRIVE								
WATER PIPE ITEMS								
1		12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	-	\$ -	0	\$ -	70	\$ -
2		16" HDPE (DR9)(BORED)(NO CASING)(INCL ADAPTER FITTINGS)	-	\$ -	0	\$ -	180	\$ -
3	\$ 30.32	24" STEEL CASING, 0.250"WT (BORED)	160	\$ 4,851.20	0	\$ -	140	\$ 4,244.80
CONNECTION ITEMS								
4		CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 8" WATER LINE (STRAIGHT REDUCER)	-	\$ -	0	\$ -	1	\$ -
5		CONNECTION: PROPOSED 12" WATER LINE TO EXISTING 12" WATER LINE (HOT TAP)	-	\$ -	0	\$ -	1	\$ -
VALVE AND HYDRANT ITEMS								
6		12" GATE VALVE	-	\$ -	0	\$ -	0	\$ -
MISCELLANEOUS CONSTRUCTION ITEMS								
7		TEMPORARY EROSION CONTROL	-	\$ -	0	\$ -	0	\$ -
8		GRASSING	-	\$ -	0	\$ -	0	\$ -
9		MOBILIZATION	-	\$ -	0	\$ -	1	\$ -
10		MANITENANCE OF TRAFFIC	-	\$ -	0	\$ -	1	\$ -
SITE 12-LINCOLN ROAD AND OAK GROVE ROAD								
WATER PIPE ITEMS								
1	\$ 13.00	18" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	1,520	\$ 19,760.00	0	\$ -	120	\$ 1,560.00
2	\$ 13.00	IRON WATER PIPE (BORED)(NO CASING)	540	\$ 7,020.00	0	\$ -	60	\$ 780.00
3	\$ 21.27	12" CLASS 350 DUCTILE IRON WATER PIPE (OPEN CUT)	2,472	\$ 52,579.44	0	\$ -	1,890	\$ 40,200.30
4	\$ 21.27	12" CLASS 350 DUCTILE IRON WATER PIPE (BORED)(NO CASING)	350	\$ 7,444.50	0	\$ -	510	\$ 10,847.70
5	\$ 20.16	10" HDPE (DR9)(BORED)(NO CASING)(INCL ADAPTER FITTINGS)	200	\$ 4,032.00	0	\$ -	0	\$ -
TOTALS				\$ 170,863.04		\$ -	\$ 134,433.55	\$ 41,457.54
Materials Remaining in Storage (\$)(D + E - F)								
\$0.00								

EICDC No. C-620 (2002 Edition)

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

Date: 4-3-2018

Project: Comp. Water Improvements Phase III - Mobile & Boule St. Area
City of HattiesburgContractor: T.L. Wallace
4025 Hwy. 35 North, Columbia, MS 39429

Pay Estimate No.: Sixteen (16) and Final

Pay Period: March 25, 2017 - August 28, 2017

Item No.	Item Description	Total Quantities			Unit		Amount
		Quantity	Allowed This Period	Allowed To Date	Unit	Price	
		On Contract					
CONTRACT TOTAL:							\$1,722,687.00
Site 1 - Columbia, Eupora, Lake, Phillipps & W 5 th Streets							\$182,725.00
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	40		25.00	LF	\$ 15.00	\$ 375.00
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	1,310		1327.00	LF	\$ 23.00	\$ 30,521.00
3	8" Class 350 Ductile Iron Water Pipe (Open Cut)	920		902.00	LF	\$ 25.00	\$ 22,550.00
	Connection Items						
4	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 2,500.00	\$ 2,500.00
5	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,600.00	\$ 1,600.00
6	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
7	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	3		3.00	Each	\$ 1,900.00	\$ 5,700.00
8	Connection: Proposed 6" Water Line to Existing 2" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,200.00	\$ 1,200.00
	Valve and Hydrant Items						
9	2" Gate Valve	1		2.00	Each	\$ 550.00	\$ 1,100.00
10	6" Gate Valve	2		2.00	Each	\$ 775.00	\$ 1,550.00
11	8" Gate Valve	1		1.00	Each	\$ 1,100.00	\$ 1,100.00
12	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	4		4.00	Each	\$ 3,325.00	\$ 13,300.00
	Water Service Items						
13	Service Tubing (Bored) (Size Varies to 1 1/2")	215		127.00	LF	\$ 24.00	\$ 3,048.00
14	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	21		22.00	Each	\$ 285.00	\$ 6,270.00
15	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1		2.00	Each	\$ 430.00	\$ 860.00
	Miscellaneous Construction Items						
16	Concrete Pavement Repair (All Depths)	115		79.70	SY	\$ 120.00	\$ 9,564.00
17	Asphalt Pavement Repair (All Depths)	500		281.50	SY	\$ 88.00	\$ 24,772.00
18	Concrete Curb & Gutter Repair (All Types)	166		0.00	LF	\$ 35.00	\$ 0.00
19	Concrete Sidewalk Repair	17		18.30	SY	\$ 130.00	\$ 2,379.00
20	Temporary Erosion Control	1		1.00	LS	\$ 2,400.00	\$ 2,400.00
21	Grassing	1		1.00	LS	\$ 800.00	\$ 800.00
22	Mobilization	1		1.00	LS	\$ 17,000.00	\$ 17,000.00
23	Maintenance of Traffic	1		1.00	LS	\$ 2,400.00	\$ 2,400.00
						Sub-total	\$ 152,489.00
	Site 2 - Montague Street						
	Water Pipe Items						
1	6" Class 350 Ductile Iron Water Pipe (Open Cut)	20		8.00	LF	\$ 40.00	\$ 320.00
2	8" Class 350 Ductile Iron Water Pipe (Open Cut)	650		636.00	LF	\$ 26.00	\$ 16,536.00
	Connection Items						
3	Connection: Proposed 8" Water Line to Existing 20" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 8,550.00	\$ 8,550.00
4	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
	Valve and Hydrant Items						

Item No.	Item Description	Quantity	On Contract	Total Quantities		Unit	Price	Amount
				Allowed This Period	Allowed To Date			
5	6" Gate Valve	2		2.00	Each	\$	775.00	\$ 1,550.00
6	8" Gate Valve	1		1.00	Each	\$	1,100.00	\$ 1,100.00
7	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	1		1.00	Each	\$	3,325.00	\$ 3,325.00
Water Service Items								
8	Service Tubing (Bored) (Size Varies to 1 1/2")	180		168.00	LF	\$	24.00	\$ 4,032.00
9	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	15		15.00	Each	\$	285.00	\$ 4,275.00
Miscellaneous Construction Items								
10	Concrete Pavement Repair (All Depths)	38		19.73	SY	\$	124.00	\$ 2,446.52
11	Asphalt Pavement Repair (All Depths)	92	15.00	40.20	SY	\$	95.00	\$ 3,819.00
12	Concrete Curb & Gutter Repair (All Types)	25		41.00	LF	\$	52.00	\$ 2,132.00
13	Temporary Erosion Control	1	0.05	1.00	LS	\$	750.00	\$ 750.00
14	Grassing	1		1.00	LS	\$	800.00	\$ 800.00
15	Mobilization	1		1.00	LS	\$	4,000.00	\$ 4,000.00
16	Maintenance of Traffic	1	0.05	1.00	LS	\$	900.00	\$ 900.00
Site 3 - McLaurin Street								
Water Pipe Items								
1	6" Class 350 Ductile Iron Water Pipe (Open Cut)	660		638.00	LF	\$	23.00	\$ 14,874.00
Connection Items								
2	Connection: Proposed 6" Water Line to Existing 20" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$	8,550.00	\$ 8,550.00
3	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$	1,900.00	\$ 1,900.00
Valve and Hydrant Items								
	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	1		1.00	Each	\$	3,325.00	\$ 3,325.00
Water Service Items								
5	Service Tubing (Bored) (Size Varies to 1 1/2")	70		40.00	LF	\$	24.00	\$ 960.00
6	Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	3		3.00	Each	\$	285.00	\$ 855.00
Miscellaneous Construction Items								
7	Concrete Pavement Repair (All Depths)	20		21.00	SY	\$	124.00	\$ 2,604.00
8	Asphalt Pavement Repair (All Depths)	35	23.55	50.65	SY	\$	95.00	\$ 4,811.75
9	Concrete Curb & Gutter Repair (All Types)	40		0.00	LF	\$	63.00	\$0.00
10	Concrete Sidewalk Repair	2		3.80	SY	\$	150.00	\$ 570.00
11	Temporary Erosion Control	1		1.00	LS	\$	750.00	\$ 750.00
12	Grassing	1		1.00	LS	\$	800.00	\$ 800.00
13	Mobilization	1		1.00	LS	\$	4,000.00	\$ 4,000.00
14	Maintenance of Traffic	1	0.05	1.00	LS	\$	900.00	\$ 900.00
Site 4 - E 9th, Coit, E 10th, Lula, Inez, Allen, Gravel, Heidle & Kinnard St's								
							Sub-total	\$ 44,699.75
Water Pipe Items								
1	1" Sch 80 PVC (Open Cut)	10		0.00	LF	\$	15.00	\$0.00
2	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20	30.00	30.00	LF	\$	20.00	\$ 600.00
3	4" Class 350 Ductile Iron Water Pipe (Open Cut)	20		2.00	LF	\$	30.00	\$ 60.00
4	6" Class 350 Ductile Iron Water Pipe (Open Cut)	3,670	137.43	3,544.43	LF	\$	23.00	\$ 81,521.89
5	8" Class 350 Ductile Iron Water Pipe (Open Cut)	2,875		2,972.00	LF	\$	26.00	\$ 77,272.00
6	12" Class 350 Ductile Iron Water Pipe (Open Cut)	1,030		1,007.00	LF	\$	45.00	\$ 45,315.00
7	16" 200 PSI, DR9, HDPE (Open Cut) (Incl. adapter fittings)	100		100.00	LF	\$	87.00	\$ 8,700.00
8	20" Steel Casing, 0.25" WT (Bored)	80		80.00	LF	\$	138.00	\$ 11,040.00
Item								

Item	No.	Item Description	Quantity	On Contract	Allowed This Period	Allowed To Date	Total Quantities		
							Unit	Price	Amount
	9	Connection: Proposed 12" Water Line to Proposed 8" & 6" Water Lines (Cross & other fittings)	1		1.00		Each	\$ 2,200.00	\$ 2,200.00
	10	Connection: Proposed 12" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	2		2.00		Each	\$ 3,950.00	\$ 7,900.00
	11	Connection: Proposed 8" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	1		1.00		Each	\$ 2,550.00	\$ 2,550.00
	12	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	1	1.00	1.00		Each	\$ 2,000.00	\$ 2,000.00
	13	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	1	-1.00	0.00		Each	\$ 1,600.00	\$ 0.00
	14	Connection: Proposed 8" Water Line to Existing 4" Water Line (Tee & other fittings)	1	1.00	1.00		Each	\$ 1,400.00	\$ 1,400.00
	15	Connection: Proposed 8" Water Line to Proposed 6" Water Line (Tee & other fittings)	3		3.00		Each	\$1,800.00	\$ 5,400.00
	16	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		0.00		Each	\$1,400.00	\$ 0.00
	17	Connection: Proposed 6" Water Line to Existing 6" Water Line (Cross & other fittings)	1	1.00	1.00		Each	\$ 1,500.00	\$ 1,500.00
	18	Connection: Proposed 6" Water Line to Existing 6" Water Line (Tee & other fittings)	3	2.00	2.00		Each	\$ 1,600.00	\$ 3,200.00
	19	Connection: Proposed 6" Water Line to Existing 1" Water Line (Hot Tap w/ Valve Assembly)	1	1.00	1.00		Each	\$ 375.00	\$ 375.00
	20	Connection: Proposed 4" Water Line to Existing 2" Water Line (Straight Connection & other fittings)	1		1.00		Each	\$ 275.00	\$ 275.00
	21	4" Gate Valve	1		1.00		Each	\$ 700.00	\$ 700.00
	22	6" Gate Valve	18		14.00		Each	\$ 775.00	\$ 10,850.00
	23	8" Gate Valve	11		11.00		Each	\$ 1,100.00	\$ 12,100.00
	24	12" Gate Valve	4		4.00		Each	\$ 2,000.00	\$ 8,000.00
	25	3 Way Fire Hydrant w/ Appurtenances (incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	18		18.00		Each	\$ 3,325.00	\$ 59,850.00
	26	Service Tubing (Bored) (Size Varies to 1 1/2")	1,240		1015.00		LF	\$ 24.00	\$ 24,360.00
	27	Residential Service Tap (All Sizes) (incl. Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	56		59.00		Each	\$ 275.00	\$ 16,225.00
	28	Commercial Service Tap (All Sizes) (incl. Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	2		0.00		Each	\$ 1,000.00	\$ 0.00
	29	Residential Meter (incl: Meter, Meter Box, City Fees, etc)	6	1.00	2.00		Each	\$ 433.00	\$ 866.00
		Miscellaneous Construction Items							
	30	Removal of Fire Hydrant and Appurtenances	2		2.00		Each	\$ 250.00	\$ 500.00
	31	Concrete Paved Ditch	4		2.60		CY	\$ 675.00	\$ 1,755.00
	32	Concrete Pavement Repair (All Depths)	78		51.10		SY	\$ 115.00	\$ 5,876.50
	33	Asphalt Pavement Repair (All Depths)	954	172.20	540.17		SY	\$ 86.00	\$ 46,454.62
	34	Concrete Sidewalk Repair	26		7.20		SY	\$ 130.00	\$ 936.00
	35	Temporary Erosion Control	1		1.00		LS	\$ 5,500.00	\$ 5,500.00
	36	Grassing	1		1.00		LS	\$ 2,500.00	\$ 2,500.00
	37	Mobilization	1		1.00		LS	\$ 37,000.00	\$ 37,000.00
	SA 38	Site Investigation, 3 days, includes asphalt removal, sandfill material and crushed limestone 610 temporary surface	1		1.00		LS	\$ 6,720.00	\$ 6,720.00
	SA 39	Removing existing 6" waterline	28		28.00		LF	\$ 53.00	\$ 1,484.00
	SA 40	Install 6" CL 350 DI Pipe (Open Cut)	77		77.00		LF	\$ 53.00	\$ 4,081.00
	SA 41	6" HDPE bore under storm drains	1		1.00		LS	\$ 2,500.00	\$ 2,500.00
	SA 42	3/4 in SVS tubing (Open Cut)	125		125.00		LF	\$ 10.00	\$ 1,250.00
	SA 43	Install 12" risers on 3-way Fire Hydrant	7		7.00		Each	\$ 690.00	\$ 4,830.00

Item No.	Item Description	On Contract	Quantity Allowed This Period	To Date	Unit	Price	Amount	Site 5 - Atlanta Street																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20	-137.50	0.00	LF	\$ 20.00	\$0.00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										</

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Item No.	Item Description	Quantity	On Contract	Period This Allowed	To Date	Unit	Price	Amount	Site 7 - Whitney, E 8th & E 10th Streets											
									Total Quantities											
8	8" Gate Valve		2			Each	\$ 1,100.00	\$0.00	Water Service Items											
9	3 Way Fire Hydrant, Brass Tag, Pipe, & other fittings)		2			Each	\$ 3,325.00	\$ 6,650.00	Water Service Items											
10	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	7			6.00	Each	\$ 285.00	\$ 1,710.00	Miscellaneous Construction Items											
11	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1			0.00	Each	\$ 432.00	\$0.00	Miscellaneous Construction Items											
12	Concrete Pavement Repair (All Depths)	11			0.00	SY	\$ 127.00	\$0.00	Concrete Pavement Repair (All Depths)											
13	Asphalt Pavement Repair (All Depths)	355			160.56	SY	\$ 87.00	\$ 13,968.72	Asphalt Pavement Repair (All Depths)											
14	Concrete Curb & Gutter Repair (All Types)	10			0.00	LF	\$ 85.00	\$0.00	Concrete Curb & Gutter Repair (All Types)											
15	Concrete Sidewalk Repair	15			0.00	SY	\$ 130.00	\$0.00	Concrete Sidewalk Repair											
16	Temporary Erosion Control	1		0.10	1.00	LS	\$ 750.00	\$750.00	Temporary Erosion Control											
17	Grassing	1		-1.00	1.00	LS	\$ 800.00	\$800.00	Grassing											
18	Mobilization	1			1.00	LS	\$ 5,000.00	\$5,000.00	Mobilization											
19	Maintenance of Traffic	1		0.10	1.00	LS	\$ 1,800.00	\$1,800.00	Maintenance of Traffic											
														Sub-total						\$55,992.72
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20			15.00	LF	\$ 20.00	\$300.00	2" Class 350 Ductile Iron Water Pipe (Open											
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	20			14.00	LF	\$ 30.00	\$420.00	4" Class 350 Ductile Iron Water Pipe (Open											
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	1,650	-111.36		1629.00	LF	\$ 22.00	\$35,838.00	6" Class 350 Ductile Iron Water Pipe (Open											
4	8" Class 350 Ductile Iron Water Pipe (Open Cut)	2,325			2224.00	LF	\$ 26.00	\$57,824.00	8" Class 350 Ductile Iron Water Pipe (Open											
5	Connection: Proposed 8" Water Line to Proposed 8" Water Line (Tee & other fittings)	1		1.00	1.00	Each	\$ 1,600.00	\$ 1,600.00	Connection: Proposed 8" Water Line to											
6	Connection: Proposed 8" Water Line to Proposed 6" Water Line (Tee & other fittings)	1			1.00	Each	\$ 1,600.00	\$ 1,600.00	Connection: Proposed 8" Water Line to											
7	Assembly) Existing 8" Water Line (Hot Tap w/ Valve	1			2.00	Each	\$ 2,500.00	\$ 5,000.00	Connection: Proposed 8" Water Line to											
8	Connection: Proposed 8" Water Line to Existing 8" Water Line (Cross & other fittings)	1			1.00	Each	\$ 2,000.00	\$ 2,000.00	Connection: Proposed 8" Water Line to											
9	Existing 6" Water Line (Tee & other fittings)	2			0.00	Each	\$ 1,900.00	\$0.00	Connection: Proposed 8" Water Line to											
10	Assembly) Existing 2" Water Line (Hot Tap w/ Valve	1			1.00	Each	\$ 650.00	\$ 650.00	Connection: Proposed 8" Water Line to											
11	Assembly) Existing 1" Water Line (Hot Tap w/ Valve	2			2.00	Each	\$ 400.00	\$ 800.00	Connection: Proposed 6" Water Line to											
12	Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1	-1.00		4.00	Each	\$ 1,900.00	\$ 7,600.00	Connection: Proposed 6" Water Line to											
13	Connection: Proposed 6" Water Line to Existing 6" Water Line (Cross & other fittings)	1			0.00	Each	\$ 1,900.00	\$0.00	Connection: Proposed 6" Water Line to											
14	Connection: Proposed 6" Water Line to Existing 4" Water Line (Cross & other fittings)	1			1.00	Each	\$ 1,800.00	\$ 1,800.00	Connection: Proposed 6" Water Line to											
15	4" Gate Valve	2			2.00	Each	\$ 700.00	\$1,400.00	Water Service Items											
16	6" Gate Valve	12	-1.00		4.00	Each	\$ 800.00	\$3,200.00	Water Service Items											
17	8" Gate Valve	7	1.00		5.00	Each	\$ 1,100.00	\$5,500.00	Water Service Items											
18	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	6			6.00	Each	\$ 3,325.00	\$ 19,950.00	Water Service Items											

No.	Item Description	Quantity	On Contract	Allowed This Period	Total Quantities Allowed To Date	Unit	Price	Amount
19	Service Tubing (Bored) (Size Varies to 1 1/2") Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	755			526.00	LF	\$ 24.00	\$ 12,624.00
20		40			36.00	Each	\$ 290.00	\$ 10,440.00
21	Fees, etc) Residential Meter (incl: Meter, Meter Box, City Fees, etc)	1			0.00	Each	\$ 432.00	\$0.00
22	Miscellaneous Construction Items	3		1.00	3.00	Each	\$ 250.00	\$ 750.00
23	Concrete Pavement Repair (All Depths)	155		7.50	332.18	SY	\$ 115.00	\$ 862.50
24	Asphalt Pavement Repair (All Depths)	759		37.00	332.18	SY	\$ 86.00	\$ 28,567.48
25	Concrete Curb & Gutter Repair (All Types)	50		37.00	37.00	LF	\$ 50.00	\$ 1,850.00
26	Concrete Sidewalk Repair	12		6.86	6.86	SY	\$ 130.00	\$ 891.80
27	Temporary Erosion Control	1	0.05	1.00	1.00	LS	\$ 5,900.00	\$ 5,900.00
28	Grassing	1		1.00	1.00	LS	\$ 1,500.00	\$ 1,500.00
29	Mobilization	1		1.00	1.00	LS	\$ 19,500.00	\$ 19,500.00
30	Maintenance of Traffic	1	0.05	1.00	1.00	LS	\$ 2,350.00	\$ 2,350.00
SA 31	Street Lower Elevation on Existing 4" line along River	1		1.00	1.00	LS	\$ 2,450.00	\$ 2,450.00
SA 32	Street Complete Cutting/Moving Fire Hydrant on 8th	1		1.00	1.00	LS	\$ 2,450.00	\$ 2,450.00
Site 8 - E 6th Street							Sub-total	\$ 235,617.78
Water Pipe Items								
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20			55.00	LF	\$ 20.00	\$ 1,100.00
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	980	-71.00		1004.00	LF	\$ 23.00	\$ 23,092.00
Connection Items								
3	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	2		3.00	3.00	Each	\$ 1,900.00	\$ 5,700.00
4	Connection: Proposed 2" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	1.00	Each	\$ 650.00	\$ 650.00
5	6" Gate Valve	2	-2.00	2.00	2.00	Each	\$ 800.00	\$ 1,600.00
6	Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	3		3.00	3.00	Each	\$ 3,325.00	\$ 9,975.00
Water Service Items								
7	Service Tubing (Bored) (Size Varies to 1 1/2") (Incl: Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	80		72.00	72.00	LF	\$ 24.00	\$ 1,728.00
8		7		6.00	6.00	Each	\$ 285.00	\$ 1,710.00
Miscellaneous Construction Items								
9	Concrete Pavement Repair (All Depths)	44		19.74	19.74	SY	\$ 122.00	\$ 2,408.28
10	Asphalt Pavement Repair (All Depths)	301		90.62	90.62	SY	\$ 89.00	\$ 8,065.18
11	Concrete Curb & Gutter Repair (All Types)	20		3.00	3.00	LF	\$ 65.00	\$ 195.00
12	Concrete Sidewalk Repair	2		0.00	0.00	SY	\$ 130.00	\$0.00
13	Temporary Erosion Control	1	0.05	1.00	1.00	LS	\$ 750.00	\$ 750.00
14	Grassing	1		1.00	1.00	LS	\$ 800.00	\$ 800.00
15	Mobilization	1		1.00	1.00	LS	\$ 5,400.00	\$ 5,400.00
16	Maintenance of Traffic	1	0.10	1.00	1.00	LS	\$ 900.00	\$ 900.00
SA 17	Feet Complete Cutting/Moving Fire Hydrant Thirty	1		1.00	1.00	LS	\$ 750.00	\$ 750.00
SA 18	Repair Leaks to Existing Water Mains/Service Mains along 5th and 6th Streets	1		1.00	1.00	LS	\$ 880.58	\$ 880.58
Site 9 - E 5th & Short E 5th Streets & Ferguson Alley							Sub-total	\$ 65,704.04
Water Pipe Items								
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20			10.00	LF	\$ 20.00	\$ 200.00
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	230			207.00	LF	\$ 30.00	\$ 6,210.00

Item No.	Item Description	Quantity	On Contract	Allowed This Period	Allowed To Date	Total Quantities			Unit	Price	Amount
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	1,090			1062.00	LF	\$	23.00		\$	24,426.00
	Connection Items										
4	Connection: Proposed 6" Water Line to Proposed 6" & 4" Water Lines (Tee & other fittings)	1			1.00	Each	\$	1,500.00		\$	1,500.00
5	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	2			2.00	Each	\$	1,900.00		\$	3,800.00
6	Connection: Proposed 4" Water Line to Existing 2" Water Line (Straight Connection & other fittings)	1			1.00	Each	\$	300.00		\$	300.00
7	4" Gate Valve	1			1.00	Each	\$	700.00		\$	700.00
8	6" Gate Valve	1	-1.00		1.00	Each	\$	800.00		\$	800.00
9	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	4			4.00	Each	\$	3,325.00		\$	13,300.00
	Water Service Items										
10	Service Tubing (Bored) (Size Varies to 1/2")	60			128.00	LF	\$	24.00		\$	3,072.00
11	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	9			5.00	Each	\$	285.00		\$	1,425.00
	Miscellaneous Construction Items										
12	Removal of Fire Hydrant and Appurtenances	1			1.00	Each	\$	250.00		\$	250.00
13	Concrete Pavement Repair (All Depths)	13			18.10	SY	\$	150.00		\$	2,715.00
14	Asphalt Pavement Repair (All Depths)	460			496.17	SY	\$	88.00		\$	43,662.96
15	Concrete Curb & Gutter Repair (All Types)	20			28.00	LF	\$	65.00		\$	1,820.00
16	Concrete Sidewalk Repair	2			4.00	SY	\$	130.00		\$	520.00
17	Temporary Erosion Control	1	0.05		1.00	LS	\$	1,000.00		\$	1,000.00
18	Grassing	1	0.10		1.00	LS	\$	800.00		\$	800.00
19	Mobilization	1			1.00	LS	\$	7,000.00		\$	7,000.00
20	Maintenance of Traffic	1	0.10		1.00	LS	\$	2,400.00		\$	2,400.96
								Sub-total		\$	115,900.96
	Site 10 - River, E 6th & E 5th Streets & Beta Avenue										
1	1" Sch 80 PVC (Open Cut)	10			0.00	LF	\$	15.00		\$	\$0.00
2	2" Class 350 Ductile Iron Water Pipe (Open Cut)	270			244.00	LF	\$	20.00		\$	4,880.00
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	2,760			2504.00	LF	\$	23.00		\$	57,592.00
	Connection Items										
4	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	1			1.00	Each	\$	1,300.00		\$	1,300.00
5	Connection: Proposed 6" & 2" Water Lines (Tee & other fittings)	1			1.00	Each	\$	1,400.00		\$	1,400.00
6	Connection: Proposed 6" & Existing 2" Water Lines (Tee & other fittings)	1			1.00	Each	\$	1,100.00		\$	1,100.00
7	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1			1.00	Each	\$	1,900.00		\$	1,900.00
8	Connection: Proposed 6" Water Line to Existing 6" Water Line (Tee & other fittings)	1			1.00	Each	\$	1,400.00		\$	1,400.00
9	Connection: Proposed 6" Water Line to Existing 6" Water Line (Straight Connection & other fittings)	1			1.00	Each	\$	600.00		\$	600.00
10	Connection: Proposed 2" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1			1.00	Each	\$	850.00		\$	850.00
11	Connection: Proposed 2" Water Line to Existing 2" Water Line (Tee & other fittings)	1			1.00	Each	\$	400.00		\$	400.00
12	2" Gate Valve	2			1.00	Each	\$	600.00		\$	600.00
13	6" Gate Valve	6			6.00	Each	\$	800.00		\$	4,800.00

Item No.	Item Description	Quantity	On Contract	Allowed This Period	Allowed To Date	Total Quantities		Unit	Price	Amount
						Allowed	Unit			
14	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	6				6.00	Each		\$ 3,325.00	\$ 19,950.00
15	Blow-Off Valve w/ Appurtenances (Incl. Tee, Valve, Pipe & other fittings)	1				1.00	Each		\$ 900.00	\$ 900.00
Water Service Items										
16	Service Tubing (Bored) (Size Varies to 1 1/2")	60				64.00	LF		\$ 24.00	\$ 1,536.00
17	Residential Service Tap (All Sizes) (Incl. Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	19				12	Each		\$ 285.00	\$ 3,420.00
Miscellaneous Construction Items										
18	Removal of Fire Hydrant and Appurtenances	2				2.00	Each		\$ 250.00	\$ 500.00
19	Concrete Pavement Repair (All Depths)	39				7.50	SY		\$ 120.00	\$ 900.00
20	Asphalt Pavement Repair (All Depths)	469				280.52	SY		\$ 88.00	\$ 24,685.76
21	Concrete Curb & Gutter Repair (All Types)	20				9.00	LF		\$ 65.00	\$ 585.00
22	Concrete Sidewalk Repair	8				7.14	SY		\$ 130.00	\$ 928.20
23	Temporary Erosion Control	1				1.00	LS		\$ 2,200.00	\$ 2,200.00
24	Grassing	1				1.00	LS		\$ 1,500.00	\$ 1,500.00
25	Mobilization	1				1.00	LS		\$ 15,000.00	\$ 15,000.00
26	Maintenance of Traffic	1				1.00	LS		\$ 1,800.00	\$ 1,800.00
SA 27	Install 6" risers on 3-Way Fire Hydrant	2				2.00	Each		\$ 595.00	\$ 1,190.00
TOTAL SITES 1-10										\$ 1,495,835.94
Sub-total										\$151,916.96

\$ 1,495,835.94	Total Earned - Regular Work
\$ -	Less 2.5% Retainage
\$ -	Stored Materials
\$ 1,495,835.94	Total Due - Regular Work
\$ 1,492,671.77	Less Previous Payments
\$ 3,164.17	Net Amount Due This Estimate
\$ -	Less Deductions
\$ 3,164.17	Net Payment Due

APPROVED:

OWNER

CERTIFIED CORRECT:
Shows, Deelman & Wells, Inc.
Project Engineer

Percent Complete: 87%
Time Elapsed to date: 236%



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

March 28, 2018
Project No: 1273-W015
Invoice No: 20171

Project Manager John Weeks

Project 1273-W015 Water Plant #1 Rehabilitation

Professional Services from February 25, 2018 to March 24, 2018

Phase DD Design Phase Services

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Connolly, Nicholas	29.00	175.00	5,075.00	
Totals	29.00		5,075.00	
Total Labor				5,075.00
		Total this Phase		\$5,075.00
		Total this Invoice		\$5,075.00

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

093695.7295.70

MTB 2017-81

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



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

March 29, 2018
Project No: 1273-W013.001
Invoice No: 20173

Project Manager Kyle Wallace
Project 1273-W013.001 COMSWIP Water Phase V - I59 Crossing - Construction Phase
Professional Services from February 25, 2018 to March 24, 2018

Phase CM Construction Management
Professional Personnel

	Hours	Rate	Amount	
SR. RESIDENT PROJECT REPRESENTATIVE				
Jackson, Terry	43.00	85.00	3,655.00	
Tingle, William	21.50	95.00	2,042.50	
PROJECT ENGINEER				
Sellers, Bennie	5.00	150.00	750.00	
Wallace, Kyle	11.50	175.00	2,012.50	
Totals	81.00		8,460.00	
Total Labor				8,460.00
		Total this Phase		\$8,460.00
		Total this Invoice		\$8,460.00

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

093695.7245.62
MB 2011-4/89-110

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



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

March 29, 2018
Project No: 1273-W007
Invoice No: 20174

Project Manager Kyle Wallace
Project 1273-W007 ComSWIP Water Phase II - Palmers Crossing
Professional Services from February 25, 2018 to March 24, 2018

Phase CM Palmer's Crossing - Construction Phase

Professional Personnel

	Hours	Rate	Amount	
CONSTRUCTION OBSERVER				
Jackson, Terry	54.00	85.00	4,590.00	
Tingle, William	37.00	85.00	3,145.00	
PROJECT ENGINEER				
Sellers, Bennie	10.00	150.00	1,500.00	
Wallace, Kyle	18.00	150.00	2,700.00	
Totals	119.00		11,935.00	
Total Labor				11,935.00
		Total this Phase		\$11,935.00
		Total this Invoice		\$11,935.00

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

093695.7245.51
MB 2011-4/89-110

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



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

March 29, 2018
Project No: 1273-S005
Invoice No: 20176

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

Professional Services from February 25, 2018 to March 24, 2018

Phase CM Phase V - Construction Phase Services

Professional Personnel

	Hours	Rate	Amount
CONSTRUCTION OBSERVER			
Jackson, Terry	52.00	85.00	4,420.00
Tingle, William	38.00	95.00	3,610.00
GRADUATE ENGINEER			
Riley, Ivy	6.50	105.00	682.50
PROJECT ENGINEER			
Sellers, Bennie	9.50	150.00	1,425.00
Wallace, Kyle	7.00	175.00	1,225.00
Weeks, John	2.00	175.00	350.00
Totals	115.00		11,712.50
Total Labor			11,712.50
		Total this Phase	\$11,712.50
		Total this Invoice	\$11,712.50

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

093695. 7220.54

MTB 2012-1/413

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



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

March 28, 2018
Project No: 1273-S010
Invoice No: 20168

Project Manager John Weeks
Project 1273-S010 ComSWIP Sewer Phase VIII - Camp St. Area
Professional Services from February 25, 2018 to March 24, 2018
Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Weeks, John	2.00	175.00	350.00	
Totals	2.00		350.00	
Total Labor				350.00
Reimbursable Expenses				
Hub City Spokes			57.34	
Total Reimbursables		1.0 times	57.34	57.34
		Total this Invoice		\$407.34

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

093695.7220.70
MB 2011-4/89-110

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



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

March 28, 2018
Project No: 1273-S011
Invoice No: 20169

Project Manager John Weeks

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

Professional Services from February 25, 2018 to March 24, 2018

Professional Personnel

	Hours	Rate	Amount	
CADD TECHNICIAN I				
Simmons, Skyler	117.00	90.00	10,530.00	
Sullivan, Richard	59.50	105.00	6,247.50	
CAD TECHNICIAN II				
Trahan, Beau	91.50	90.00	8,235.00	
PROJECT ENGINEER				
Weeks, John	22.00	175.00	3,850.00	
Totals	290.00		28,862.50	
Total Labor				28,862.50
		Total this Invoice		\$28,862.50

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

093695.7220.72
MB 2011-4/89-110

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



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

March 29, 2018
Project No: 11256
Invoice No: 20178

Project Manager Kyle Wallace
Project 11256 CIPP Sewer in Various Locations

Professional Services from February 25, 2018 to March 24, 2018

Phase DD Design Phase Services

Professional Personnel

	Hours	Rate	Amount
PROJECT ENGINEER			
McNease, Shea	7.00	175.00	1,225.00
Wallace, Kyle	13.50	175.00	2,362.50
Weeks, John	15.50	175.00	2,712.50
Totals	36.00		6,300.00
Total Labor			6,300.00
Total this Phase			\$6,300.00
Total this Invoice			\$6,300.00

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

093695.7220.75
MB 2011-4/89-110



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

March 29, 2018
Project No: 1273-S012
Invoice No: 20175

Project Manager Kyle Wallace

Project 1273-S012 COMSWIP Sewer Improv. Phase XII

Professional Services from February 25, 2018 to March 24, 2018

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Wallace, Kyle	11.00	175.00	1,925.00	
Totals	11.00		1,925.00	
Total Labor				1,925.00
		Total this Invoice		\$1,925.00

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

093695.7220.51
MB 2011-4/89-110

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

Hattiesburg, Mississippi does hereby certify to Regions Bank, as trustee in respect to the referenced Bonds (the Trustee”):

- (1) The amounts herein requisitioned to be paid to the above-designated payees are for the items or services hereinabove described.
- (2) The items or services listed above for which payment is proposed to be made hereunder have not formed the basis for any payment heretofore made from the Series 2016 Project Fund Construction Account.
- (3) Each of the items was reasonable and necessary in connection with the “Construction Project” being financed pursuant to the Loan Agreement dated as of August 18, 2016 (the “Loan Agreement”).
- (4) The payment herein authorized and approved is a proper charge against the Series 2016 Project Fund Construction Account as provided for in Section 3 of the Loan Agreement.
- (5) The invoices or statements from the contractor, vendor or other payee or other document supporting the amounts requisitioned herein are on file with the City.

CITY OF HATTIESBURG, MISSISSIPPI

By: 

Title: Mayor or City Clerk
(Authorized City Representative)

As Approved by:

Regions Commercial Equipment Finance, LLC
As Purchaser

Authorized Officer



City of Hattiesburg, MS

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

Master

File Number: 2018-390

File ID: 2018-390

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 04/09/2018

Brief Title: Authorize Mayor to execute lighting agreement with Mississippi Power for additional lighting on the Longleaf Trace for a monthly increase of \$81.00.

Final Action: 04/17/2018

Minute Book Number: MB2018-104

Title:

Authorize Mayor to execute lighting agreement with Mississippi Power for additional lighting on the Longleaf Trace for a monthly increase of \$81.00.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-8

Sponsors:

Enactment Date:

Attachments: MS Power - Longleaf Trace, executed MS Power - Longleaf Trace

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018	Authorize				Pass
	Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member Brown to Authorize Mayor to execute lighting agreement with Mississippi Power for additional lighting on the Longleaf Trace for a monthly increase of \$81.00.						
	Council member George expressed appreciation for recent lighting changes and said he hopes [the city] will continue to make light changes along the Longleaf Trace.						
	Following discussion, the Motion received the affirmative vote of the Council as follows:						
	Yeas: 5 - George, Delgado, Carroll, Dryden and Brown						
	Nays: 0						

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

Text of Legislative File 2018-390

Title

Authorize Mayor to execute lighting agreement with Mississippi Power for additional lighting on the Longleaf Trace for a monthly increase of \$81.00.

Summary

Authorize Mayor to execute lighting agreement with Mississippi Power for additional lighting on the Longleaf Trace for a monthly increase of \$81.00.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

DATE: 4/4/18

RE: STREET LIGHT REQUEST AND AUTHORIZATION LETTER

FROM: CITY/TOWN OF Hattiesburg PHONE: _____

AUTHORIZED SIGNATURE X DATE: X

DEVELOPER NAME _____ ACCOUNT # 59841-82000

DEVELOPER SIGNATURE _____ DATE: _____

DATE GOVERNMENTAL AUTHORITY TO TAKE OWNERSHIP OF PAYMENT: _____

Attach a plat for development.

TO: MISSISSIPPI POWER COMPANY (_____)

C/O _____ DATE FAX RECEIVED _____

INSTRUCTIONS: INSTALL STREET LIGHTS AS NOTED IN THE SCHEDULE BELOW. CONSIDER THIS YOUR AUTHORIZATION TO BILL THE NEW LIGHTS UNDER THE TERMS OF THE CURRENTLY APPLICABLE STREET LIGHT RATE (SL-27) AS APPROVED BY THE MISSISSIPPI PUBLIC SERVICE COMMISSION.

PLEASE TAKE NOTICE: By and through Developer's request and execution hereof, Developer acknowledges and agrees that any electric lighting service for outdoor lighting is subject to MPC's Rules Governing Electric Service and MPC's Outdoor Lighting Electric Rate Schedule (OL-22. Developer understands and agrees that OL-22 provides for a three (3) year minimum term for lighting (other than special lighting) and Developer shall be liable to MPC for all service under the rate schedule until termination, provided however that Developer shall, in no event, be excused from liability for service during the applicable minimum term. MPC shall be entitled to pursue any and all available legal remedies in the event Developer, or Developer's successors or assigns, fails to make any and all payments as and when due during the term of service.

TYPE LIGHT	NUMBER TO INSTALL (I) NUMBER TO REMOVE (R)	LOCATION AND COMMENTS
COBRA HEAD FIXTURES		Longleaf Trace .
100 WATT HPS		
150 WATT HPS	R- 22	Contemporary
250 WATT HPS		
400 WATT HPS		
1000 WATT HPS		
350 WATT MH		
LED FIXTURES		
90 WATT LED		
110 WATT LED		
190 WATT LED		
280 WATT LED		
OTHER FIXTURES		
50 watt LED	I-22	LED- Colonial Increase - \$81.00

NOTE: FOR NON ROUTINE INSTALLATIONS REQUIRING POLES, UNDERGROUND WIRING OR OTHER SPECIAL CONDITIONS PLEASE CONTACT YOUR MARKET SPECIALIST AND SPECIFIC CONTRACTS WILL BE PREPARED.

PLEASE FAX THIS FULLY COMPLETED FORM TO YOUR LOCAL MPC OFFICE AND WE WILL INSTALL THE LIGHTING INSTALLATIONS THAT YOU REQUEST. YOU MAY ALSO USE THIS FORM TO REPORT LIGHTS NOT BURNING BY LISTING THE ESTIMATED SIZE AND LOCATION ON THE FORM AND FAXING TO US.

DATE: 4/9/18

RE: STREET LIGHT REQUEST AND AUTHORIZATION LETTER

FROM: CITY/TOWN OF Hattiesburg PHONE: _____

AUTHORIZED SIGNATURE X [Signature] DATE: 4-17-18

DEVELOPER NAME _____ ACCOUNT # 59841-82000

DEVELOPER SIGNATURE _____ DATE: _____

DATE GOVERNMENTAL AUTHORITY TO TAKE OWNERSHIP OF PAYMENT: _____
Attach a plat for development.

TO: MISSISSIPPI POWER COMPANY (_____)
C/O _____ DATE FAX RECEIVED _____

INSTRUCTIONS: INSTALL STREET LIGHTS AS NOTED IN THE SCHEDULE BELOW. CONSIDER THIS YOUR AUTHORIZATION TO BILL THE NEW LIGHTS UNDER THE TERMS OF THE CURRENTLY APPLICABLE STREET LIGHT RATE (SL-27) AS APPROVED BY THE MISSISSIPPI PUBLIC SERVICE COMMISSION.

PLEASE TAKE NOTICE: By and through Developer's request and execution hereof, Developer acknowledges and agrees that any electric lighting service for outdoor lighting is subject to MPC's Rules Governing Electric Service and MPC's Outdoor Lighting Electric Rate Schedule (OL-22). Developer understands and agrees that OL-22 provides for a three (3) year minimum term for lighting (other than special lighting) and Developer shall be liable to MPC for all service under the rate schedule until termination, provided however that Developer shall, in no event, be excused from liability for service during the applicable minimum term. MPC shall be entitled to pursue any and all available legal remedies in the event Developer, or Developer's successors or assigns, fails to make any and all payments as and when due during the term of service.

TYPE LIGHT	NUMBER TO INSTALL (I) NUMBER TO REMOVE (R)	LOCATION AND COMMENTS
COBRA HEAD FIXTURES		
100 WATT HPS		
150 WATT HPS	<u>R-22</u>	<u>Contemporary</u>
250 WATT HPS		
400 WATT HPS		
1000 WATT HPS		
350 WATT MH		
LED FIXTURES		
90 WATT LED		
110 WATT LED		
190 WATT LED		
280 WATT LED		
OTHER FIXTURES		
<u>50 watt LED</u>	<u>I-22</u>	<u>LED- Colonial Increase - \$81.00</u>

NOTE: FOR NON ROUTINE INSTALLATIONS REQUIRING POLES, UNDERGROUND WIRING OR OTHER SPECIAL CONDITIONS PLEASE CONTACT YOUR MARKET SPECIALIST AND SPECIFIC CONTRACTS WILL BE PREPARED.

PLEASE FAX THIS FULLY COMPLETED FORM TO YOUR LOCAL MPC OFFICE AND WE WILL INSTALL THE LIGHTING INSTALLATIONS THAT YOU REQUEST. YOU MAY ALSO USE THIS FORM TO REPORT LIGHTS NOT BURNING BY LISTING THE ESTIMATED SIZE AND LOCATION ON THE FORM AND FAXING TO US.



City of Hattiesburg, MS

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

Master

File Number: 2018-375

File ID: 2018-375

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 04/09/2018

Brief Title: Lighting Agreement - Dossett Ave. south of Bowling St.

Final Action: 04/17/2018

Minute Book Number: MB2018-104

Title:

Authorize Mayor to execute lighting agreement with Mississippi Power Company for additional lighting on Dossett Avenue south of Bowling Street for a net increase of \$11.77 to the monthly bill.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-9

Sponsors:

Enactment Date:

Attachments: MS Power - Dossett Avenue, executed MS Power - Dossett Avenue

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018	Authorize				Pass
Action Text: A MOTION was made by Council Member Brown and seconded by Council Member George to Authorize Mayor to execute lighting agreement with Mississippi Power Company for additional lighting on Dossett Avenue south of Bowling Street for a net increase of \$11.77 to the monthly bill.							
Council member Brown expressed appreciation for [the city's] quick action on this additional lighting.							
Following discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							
Yea: 5 Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown							

Text of Legislative File 2018-375

Title

Authorize Mayor to execute lighting agreement with Mississippi Power Company for additional lighting on Dossett Avenue south of Bowling Street for a net increase of \$11.77 to the monthly bill.

Summary

Authorize Mayor to execute lighting agreement with Mississippi Power Company for additional lighting on Dossett Avenue south of Bowling Street for a net increase of \$11.77 to the monthly bill.

DATE: 5/22/18

RE: STREET LIGHT REQUEST AND AUTHORIZATION LETTER

FROM: CITY/TOWN OF Hattiesburg PHONE: _____

AUTHORIZED SIGNATURE _____ DATE: _____

DEVELOPER NAME _____ ACCOUNT # 59841-82000

DEVELOPER SIGNATURE _____ DATE: _____

DATE GOVERNMENTAL AUTHORITY TO TAKE OWNERSHIP OF PAYMENT: _____

Attach a plat for development.

TO: MISSISSIPPI POWER COMPANY (_____) C/O _____

DATE FAX RECEIVED _____

INSTRUCTIONS: INSTALL STREET LIGHTS AS NOTED IN THE SCHEDULE BELOW. CONSIDER THIS YOUR AUTHORIZATION TO BILL THE NEW LIGHTS UNDER THE TERMS OF THE CURRENTLY APPLICABLE STREET LIGHT RATE (SL-27) AS APPROVED BY THE MISSISSIPPI PUBLIC SERVICE COMMISSION.

PLEASE TAKE NOTICE: By and through Developer's request and execution hereof, Developer acknowledges and agrees that any electric lighting service for outdoor lighting is subject to MPC's Rules Governing Electric Service and MPC's Outdoor Lighting Electric Rate Schedule (OL-22. Developer understands and agrees that OL-22 provides for a three (3) year minimum term for lighting (other than special lighting) and Developer shall be liable to MPC for all service under the rate schedule until termination, provided however that Developer shall, in no event, be excused from liability for service during the applicable minimum term. MPC shall be entitled to pursue any and all available legal remedies in the event Developer, or Developer's successors or assigns, fails to make any and all payments as and when due during the term of service.

TYPE LIGHT	NUMBER TO INSTALL (I) NUMBER TO REMOVE (R)	LOCATION AND COMMENTS
COBRA HEAD FIXTURES		
100 WATT HPS		
150 WATT HPS		
250 WATT HPS		
400 WATT HPS		
1000 WATT HPS		
350 WATT MH		
LED FIXTURES		
90 WATT LED		I: 1-90 watt L.E.D. on Dossett Ave. Just South OF Bowling Street.
110 WATT LED		
190 WATT LED		
280 WATT LED		
OTHER FIXTURES		
		Increase to city Acct: \$11.?? per Month.

NOTE: FOR NON ROUTINE INSTALLATIONS REQUIRING POLES, UNDERGROUND WIRING OR OTHER SPECIAL CONDITIONS PLEASE CONTACT YOUR MARKET SPECIALIST AND SPECIFIC CONTRACTS WILL BE PREPARED.

PLEASE FAX THIS FULLY COMPLETED FORM TO YOUR LOCAL MPC OFFICE AND WE WILL INSTALL THE LIGHTING INSTALLATIONS THAT YOU REQUEST. YOU MAY ALSO USE THIS FORM TO REPORT LIGHTS NOT BURNING BY LISTING THE ESTIMATED SIZE AND LOCATION ON THE FORM AND FAXING TO US.

DATE: 5/22/18

RE: STREET LIGHT REQUEST AND AUTHORIZATION LETTER

FROM: CITY/TOWN OF Hattiesburg PHONE: _____

AUTHORIZED SIGNATURE [Signature] DATE: 4-17-18

DEVELOPER NAME _____ ACCOUNT # 59841-82000

DEVELOPER SIGNATURE _____ DATE: _____

DATE GOVERNMENTAL AUTHORITY TO TAKE OWNERSHIP OF PAYMENT: _____

Attach a plat for development.

TO: MISSISSIPPI POWER COMPANY (_____) DATE FAX RECEIVED _____
C/O _____

INSTRUCTIONS: INSTALL STREET LIGHTS AS NOTED IN THE SCHEDULE BELOW. CONSIDER THIS YOUR AUTHORIZATION TO BILL THE NEW LIGHTS UNDER THE TERMS OF THE CURRENTLY APPLICABLE STREET LIGHT RATE (SL-27) AS APPROVED BY THE MISSISSIPPI PUBLIC SERVICE COMMISSION.

PLEASE TAKE NOTICE: By and through Developer's request and execution hereof, Developer acknowledges and agrees that any electric lighting service for outdoor lighting is subject to MPC's Rules Governing Electric Service and MPC's Outdoor Lighting Electric Rate Schedule (OL-22. Developer understands and agrees that OL-22 provides for a three (3) year minimum term for lighting (other than special lighting) and Developer shall be liable to MPC for all service under the rate schedule until termination, provided however that Developer shall, in no event, be excused from liability for service during the applicable minimum term. MPC shall be entitled to pursue any and all available legal remedies in the event Developer, or Developer's successors or assigns, fails to make any and all payments as and when due during the term of service.

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90 WATT LED		I: 1-90 watt L.E.D. on Dossett Ave. Just South OF Bowling Street.
110 WATT LED		
190 WATT LED		
280 WATT LED		
OTHER FIXTURES		
		Increase to city Acct: \$ 11.?? per Month.

NOTE: FOR NON ROUTINE INSTALLATIONS REQUIRING POLES, UNDERGROUND WIRING OR OTHER SPECIAL CONDITIONS PLEASE CONTACT YOUR MARKET SPECIALIST AND SPECIFIC CONTRACTS WILL BE PREPARED.

PLEASE FAX THIS FULLY COMPLETED FORM TO YOUR LOCAL MPC OFFICE AND WE WILL INSTALL THE LIGHTING INSTALLATIONS THAT YOU REQUEST. YOU MAY ALSO USE THIS FORM TO REPORT LIGHTS NOT BURNING BY LISTING THE ESTIMATED SIZE AND LOCATION ON THE FORM AND FAXING TO US.



City of Hattiesburg, MS

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

Master

File Number: 2018-399

File ID: 2018-399

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Ann Jones

File Created: 04/12/2018

Brief Title: Authorize execution of MOU with Twin Forks Rising CDC for redevelopment of Ward 2.

Final Action: 04/17/2018

Minute Book Number: MB2018-105

Title:

Authorize Mayor to execute Memorandum of Understanding between City of Hattiesburg and Twin Forks Rising Community Development Corporation for the purpose of comprehensive redevelopment of Ward 2.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-10

Sponsors:

Enactment Date:

Attachments: MOU with Twin Forks Rising CDC, executed MOU with Twin Forks Rising CDC

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Ann Jones

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018	Authorize				Pass
Action Text: A MOTION was made by Council Member Delgado and seconded by Council Member George to Authorize Mayor to execute Memorandum of Understanding between City of Hattiesburg and Twin Forks Rising Community Development Corporation for the purpose of comprehensive redevelopment of Ward 2.							
Council member Delgado expressed appreciation.							
Following discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							

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

Text of Legislative File 2018-399

Title

Authorize Mayor to execute Memorandum of Understanding between City of Hattiesburg and Twin Forks Rising Community Development Corporation for the purpose of comprehensive redevelopment of Ward 2.

Summary

Authorize execution of MOU with Twin Forks Rising CDC for redevelopment of Ward 2.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Twin Forks Rising Community Development Corporation
2018 Memorandum of Understanding

This agreement constitutes a Memorandum of Understanding (MOU) between Twin Forks Rising Community Development Corporation (TFR), a 501 (c) (3) corporation, and the City of Hattiesburg for the purpose of comprehensive redevelopment of Ward 2, which was adopted by the City of Hattiesburg in 2013 and included in the City's Comprehensive Plan.

The mission of Twin Forks Rising Community Development Corporation is to administer, foster and drive the comprehensive redevelopment of Ward 2 by implementing the Twin Forks Rising Master Plan. The plan is designed to improve the quality of life for its residents, business and other stakeholders, in the areas of housing, job development and training, infrastructure, business development, revitalization of community business districts and the promotion of a healthy community.

FOR GOOD CONSIDERATION, The City of Hattiesburg agrees to contract with TFR on the following terms and conditions:

Section I: City of Hattiesburg Agrees to:

1. The City of Hattiesburg will fund TFR in the amount of \$150,000.00 for FY 2018.
2. The City of Hattiesburg agrees to expend in-kind services to provide office space for TFR to operate.
3. The City of Hattiesburg agrees to expend the use of certain City facilities and parks at no charge for TFR coordinated events.
4. The City of Hattiesburg agrees to expend the use of certain City services at no charge for TFR coordinated events.

Section II: TFR Agrees to:

1. Employ a Director/Program Coordinator who will be responsible for the day-to-day administration of the community development corporation.
2. Designate a TFR team member to be the point of contact for the City. This team member will be available to answer questions, provide collateral materials, and TFR program matters.
3. Promote and maintain an active membership and board. City of Hattiesburg shall participate in an ex officio capacity on the executive board for time period as defined in legislative authority to contribute funding.
4. Make public and provide a copy of its current year budget to the City of Hattiesburg as per MS Code 79-11-283.
5. Provide a list of measurable objectives for which the \$150,000 in funding will be used within 30 days of receiving funds and issue a final report detailing which objectives were met/not met within one month of fiscal year end September 30, 2018.
6. Expend funds and in-kind services for maintaining an office with the necessary operating budget for the director to administer the day-to-day CDC operation.
7. File all applicable IRS Forms in accordance with state and federal taxation laws. Program will be required to register as a Mississippi charitable organization with the Mississippi Secretary of State's office.
8. Provide an annual Independent Financial Audit to the City of Hattiesburg in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in the Government Auditing Standards issued by the

Comptroller General of the United States. Audit information must be filed with City of Hattiesburg within six months of fiscal year end September 30, 2018.

9. Make every effort to include the TFR logo on printed and electronic materials.
10. Maintain public and private sector community support for the program.

Section III: City of Hattiesburg and TFR Jointly Agree that:

1. The term of the contract shall be the fiscal year 2018 beginning October 1, 2017, and ending on September 30, 2018.

WITNESS WHEREOF, the parties have executed this agreement

BY: _____	_____
Mayor	Date

BY: _____	_____
TFR Board President/Chair	Date

Twin Forks Rising Community Development Corporation
2018 Memorandum of Understanding

This agreement constitutes a Memorandum of Understanding (MOU) between Twin Forks Rising Community Development Corporation (TFR), a 501 (c) (3) corporation, and the City of Hattiesburg for the purpose of comprehensive redevelopment of Ward 2, which was adopted by the City of Hattiesburg in 2013 and included in the City's Comprehensive Plan.

The mission of Twin Forks Rising Community Development Corporation is to administer, foster and drive the comprehensive redevelopment of Ward 2 by implementing the Twin Forks Rising Master Plan. The plan is designed to improve the quality of life for its residents, business and other stakeholders, in the areas of housing, job development and training, infrastructure, business development, revitalization of community business districts and the promotion of a healthy community.

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3. Promote and maintain an active membership and board. City of Hattiesburg shall participate in an ex officio capacity on the executive board for time period as defined in legislative authority to contribute funding.
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5. Provide a list of measurable objectives for which the \$150,000 in funding will be used within 30 days of receiving funds and issue a final report detailing which objectives were met/not met within one month of fiscal year end September 30, 2018.
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7. File all applicable IRS Forms in accordance with state and federal taxation laws. Program will be required to register as a Mississippi charitable organization with the Mississippi Secretary of State's office.
8. Provide an annual Independent Financial Audit to the City of Hattiesburg in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in the Government Auditing Standards issued by the

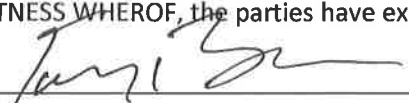
Comptroller General of the United States. Audit information must be filed with City of Hattiesburg within six months of fiscal year end September 30, 2018.

9. Make every effort to include the TFR logo on printed and electronic materials.
10. Maintain public and private sector community support for the program.

Section III: City of Hattiesburg and TFR Jointly Agree that:

1. The term of the contract shall be the fiscal year 2018 beginning October 1, 2017, and ending on September 30, 2018.

WITNESS WHEREOF, the parties have executed this agreement

BY: 
Mayor

4-17-18
Date

BY: 
TFR Board President/Chair

04/16/2018
Date



City of Hattiesburg, MS

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

Master

File Number: 2018-393

File ID: 2018-393

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Ann Jones

File Created: 04/09/2018

Brief Title: Farmers' Market MOU w/ Partnership for a Healthy Mississippi

Final Action: 04/17/2018

Minute Book Number: MB2018-105

Title:

Authorize Mayor to execute Memorandum of Understanding between City of Hattiesburg and the Partnership for a Healthy Mississippi for the purpose of establishing a Farmers' Market Initiative to provide a market manager and related expenses.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-11

Sponsors:

Enactment Date:

Attachments: Farmers' Market MOU, executed Farmers' Market MOU

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Ann Jones

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018	Authorize				Pass

Action Text: A MOTION was made by Council Member Delgado and seconded by Council Member Brown to Authorize Mayor to execute Memorandum of Understanding between City of Hattiesburg and the Partnership for a Healthy Mississippi for the purpose of establishing a Farmers' Market Initiative to provide a market manager and related expenses.

Council Vice President Dryden thanked Mark Klinedinst and others who have worked on the Farmers Market; she said it is a great asset to downtown.

Council member Delgado agreed and said she is glad that support for the market is moving forward.

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

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

Nays: 0

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

Text of Legislative File 2018-393

Title

Authorize Mayor to execute Memorandum of Understanding between City of Hattiesburg and the Partnership for a Healthy Mississippi for the purpose of establishing a Farmers' Market Initiative to provide a market manager and related expenses.

Summary

MOU, COH and Partnership for a Healthy Mississippi, Farmers' Market Initiative

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Memorandum of Understanding for Farmers' Market Initiative

PARTIES

This agreement is made between **THE PARTNERSHIP FOR A HEALTHY MISSISSIPPI**, a non-profit Mississippi corporation (herein referred to as "The Partnership") located in Flowood, Mississippi and **THE CITY OF HATTIESBURG in FORREST COUNTY, MS** (hereinafter referred to as the "GRANTEE") for the purpose of establishing the agreed upon conditions under which the GRANTEE may use the THE PARTNERSHIP'S funds to pay a stipend to a farmers' market manager and related expenses (travel, registration fees for conferences, etc.).

PERIOD OF AGREEMENT

The effective date for the beginning of performance of the services described in this agreement between the GRANTEE and THE PARTNERSHIP is the 1st day of March, 2018 and will terminate on the 30th day of June, 2018.

STATEMENT OF WORK

WHEREAS, the GRANTEE has announced its intentions to establish a Farmers' Market at a physical location identified by the GRANTEE and produce the following work:

- Complete the needs assessment for the town
- Recruit and secure vendors to supply locally grown agricultural products and other related items
- If necessary, secure a shared-use agreement with property owner(s) for use for the market
- Work with the Mississippi State Department of Agriculture to certify the market under their rules and guidelines (if not certified)
- Develop policies and procedures for the market (hours of operation, day(s) of operation, etc.)
- Work with THE PARTNERSHIP to promote the market and its products
- Attend relevant classes/conferences approved by THE PARTNERSHIP
- Work with vendors on the placement of products
- Be on-site during hours of operation to assist in setup and take down of the market
- Complete a final report to be returned to THE PARTNERSHIP

COMPENSATION

THE PARTNERSHIP has approved compensation up to \$2500 for the proposed Statement of Work. The GRANTEE agrees that the funds will be used only for the activities and expenses as described in the Statement of Work. The GRANTEE will be responsible for all project costs over and above the funds allocated to the project.

The first payment (\$1250 and/or 50% of the awarded funds) will be mailed upon the final execution of this MOU. The second and final payment (\$1250 and/or the remaining 50% of awarded funds) will be mailed upon receipt of a completed and approved final report. Support financial documentation will need to be retained by the GRANTEE for all expenditures related to this project.

CONDITIONS FOR TERMINATION

THE PARTNERSHIP may terminate this agreement at any time by giving written notice. If the agreement is terminated because the project is abandoned or postponed, the GRANTEE may be paid for actual expenses incurred up to the date of termination. If the agreement is terminated due to the GRANTEE's services being unsatisfactory in the judgment of THE PARTNERSHIP, or if the GRANTEE fails to pursue work with due diligence, THE PARTNERSHIP may procure completion of the work in such a manner as it deems to be in the best interest of The Partnership.

RESPONSIBILITIES FOR CLAIMS AND LIABILITY

To the extent permitted by law, THE PARTNERSHIP and GRANTEE agree that neither party nor their agents, employees, contractors or subcontractors, will be held liable for any claim, loss, damage, cost, charge or expenditure arising out of any negligent act, actions, neglect or omission caused solely by the other party, its agents, employees, contractors or subcontractors.

OTHER PROVISIONS

THE PARTNERSHIP will determine the acceptability of the work performed under this Agreement, and will decide all questions which may arise concerning the Project. THE PARTNERSHIP decision will be final and conclusive.

THE PARTNERSHIP reserves the right to request additional work, and changed or unforeseen conditions may require changes and work beyond the scope of this Agreement. In this event, a supplement to this Agreement will be drafted and submitted to the GRANTEE for consideration. Any change in compensation will be covered in the supplement.

This Agreement is the entire agreement of the parties relating to the subject matter hereof, and supersedes all prior and contemporaneous negotiations, correspondence, understandings, and agreements of the parties relating to the subject matter hereof. It may be amended only by an agreement in writing and signed by both parties.

The GRANTEE is an independent entity and is not an employee or agent of THE PARTNERSHIP. The GRANTEE shall be entitled to no benefits or compensation from the grantor except as set forth in this Agreement. The GRANTEE shall be solely responsible for the payment of all taxes due on income received performing the Agreement services.

This MOU shall be interpreted and enforced in accordance with the laws of the State of Mississippi. Both parties hereto represent that they have authority to enter into this Memorandum of Understanding. So agreed this the day of _____, 20____.

ACCEPTED FOR:
GRANTEE

TOBY BARKER
MAYOR, CITY OF HATTIESBURG

Date

ACCEPTED FOR:
THE PARTNERSHIP FOR A HEALTHY MISSISSIPPI

Sandra Shelson
Executive Director

Date

Memorandum of Understanding for Farmers' Market Initiative

PARTIES

This agreement is made between **THE PARTNERSHIP FOR A HEALTHY MISSISSIPPI**, a non-profit Mississippi corporation (herein referred to as "The Partnership") located in Flowood, Mississippi and **THE CITY OF HATTIESBURG** in **FORREST COUNTY, MS** (hereinafter referred to as the "GRANTEE") for the purpose of establishing the agreed upon conditions under which the GRANTEE may use the THE PARTNERSHIP'S funds to pay a stipend to a farmers' market manager and related expenses (travel, registration fees for conferences, etc.).

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CONDITIONS FOR TERMINATION

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RESPONSIBILITIES FOR CLAIMS AND LIABILITY

To the extent permitted by law, THE PARTNERSHIP and GRANTEE agree that neither party nor their agents, employees, contractors or subcontractors, will be held liable for any claim, loss, damage, cost, charge or expenditure arising out of any negligent act, actions, neglect or omission caused solely by the other party, its agents, employees, contractors or subcontractors.

OTHER PROVISIONS

THE PARTNERSHIP will determine the acceptability of the work performed under this Agreement, and will decide all questions which may arise concerning the Project. THE PARTNERSHIP decision will be final and conclusive.

THE PARTNERSHIP reserves the right to request additional work, and changed or unforeseen conditions may require changes and work beyond the scope of this Agreement. In this event, a supplement to this Agreement shall be executed and submitted to the GRANTEE. Any change in compensation will be covered in the supplement.

This Agreement is the entire agreement of the parties relating to the subject matter hereof, and supersedes all prior and contemporaneous negotiations, correspondence, understandings, and agreements of the parties relating to the subject matter hereof. It may be amended only by an agreement in writing and signed by both parties.

The GRANTEE is an independent entity and is not an employee or agent of THE PARTNERSHIP. The GRANTEE shall be entitled to no benefits or compensation from the grantor except as set forth in this Agreement. The GRANTEE shall be solely responsible for the payment of all taxes due on income received performing the Agreement services.

This MOU shall be interpreted and enforced in accordance with the laws of the State of Mississippi. Both parties hereto represent that they have authority to enter into this Memorandum of Understanding. So agreed this the day of _____, 20__.

ACCEPTED FOR:

GRANTEE


TOBY BARKER
MAYOR, CITY OF HATTIESBURG

4-17-18

Date

ACCEPTED FOR:

THE PARTNERSHIP FOR A HEALTHY MISSISSIPPI

Sandra Shelton
Executive Director

Date



City of Hattiesburg, MS

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

Master

File Number: 2018-388

File ID: 2018-388

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 04/09/2018

Brief Title: Authorize (1) One year lease, and option to renew, of
(12) twelve motorcycles for Hattiesburg Police
Department.

Final Action: 04/17/2018

Minute Book Number: MB2018-105

Title:

Authorize Mayor to execute lease agreement between the City of Hattiesburg and Daytona Harley-Davidson for the lease of (12) twelve motorcycles for the Hattiesburg Police Department for (1) one year, with the option to renew for (1) one year, commencing on April 1, 2018 and ending March 31,2019.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-12

Sponsors:

Enactment Date:

Attachments: Motorcycle Lease Agreement. 2018-2019, executed
Motorcycle Lease Agreement. 2018-2019

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018	Authorize				Pass
Action Text: A MOTION was made by Council Member George and seconded by Council Vice President Dryden to Authorize Mayor to execute lease agreement between the City of Hattiesburg and Daytona Harley-Davidson for the lease of (12) twelve motorcycles for the Hattiesburg Police Department for (1) one year, with the option to renew for (1) one year, commencing on April 1, 2018 and ending March 31,2019.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							

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

Text of Legislative File 2018-388

Title

Authorize Mayor to execute lease agreement between the City of Hattiesburg and Daytona Harley-Davidson for the lease of (12) twelve motorcycles for the Hattiesburg Police Department for (1) one year, with the option to renew for (1) one year, commencing on April 1, 2018 and ending March 31,2019.

Summary

Authorize (1) One year lease, and option to renew, of (12) twelve motorcycles for Hattiesburg Police Department.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

MOTORCYCLE LEASE AGREEMENT

This Motorcycle Lease Agreement (the "Lease") is made this 14th day of March, 2018 by and between Rossmeyer Daytona Motorcycles Inc., DBA Bruce Rossmeyer's Daytona Harley-Davidson, 1637 North US HWY 1, Ormond Beach, FL 32174, ("Dealer" or "Lessor") and The City of Hattiesburg Police Department, (the "Department" or "Lessee"), whose address is #1 Government Plaza, Hattiesburg, Mississippi 39401 for the lease of police motorcycles (hereinafter referred to as "the vehicles") as described in Exhibit "A" attached hereto, for use by the Department's authorized employees in the performance of police-related or law-enforcement duties. The terms and conditions of the Lease are as follows:

1. **Term:** The term of this Lease shall be twelve (12) months commencing on April 1, 2018 and ending on March 31, 2019. Lessee shall have the right to extend or renew the term of this Lease for one year provided that Lessor agrees upon the same terms and conditions as provided in the Lease. In the event Lessee elects to exercise its option to renew the terms of this Lease then Lessee shall provide Lessor with written notice of its election. Such written notice must be submitted to the Lessor within 90 days of the end of the lease.

2. **Payment:** Lessee shall make monthly lease payments to Lessor in the amount of **\$345.00** for each vehicle commencing April 1, 2018. In the event Lessee is subject to budgetary constraints, an alternative payment plan for the lease (i.e. a lump-sum payment) can be arranged with Lessor.

3. **Miscellaneous Fees:** Lessee agrees to pay for all official fees in connection with the certificate of title, registration and license fees and any applicable taxes for each of the leased vehicles. Any cost associated with the installation of a police package, or any additional equipment purchased by the department for the vehicles will be the responsibility of the Lessee.

4. **Delivery and Return:** The Lessor shall deliver to Lessee the vehicles ready for service to the Hattiesburg Police Department, #1 Government Plaza, Hattiesburg, Mississippi. At the end of the lease the Lessor shall pick up the vehicles at the same location.

5. **Maintenance, Repairs and Operating Expenses:** Lessee is responsible for and agrees to pay for all maintenance and repairs to keep the vehicles in good working order and condition and other expenses associated with operating the vehicles that are not covered by warranty. Lessee agrees to service the vehicles by a certified technician according to the manufacturer's recommendations as outlined in the owner's manual for the vehicles and as requested by the manufacturer in any recall campaign. Lessee's use or repair of the vehicles must not invalidate any warranty. In addition to required maintenance the vehicles when returned to Lessor shall have only normal wear. Any damage by misuse, neglect, or damage from accidents will be the responsibility of the Lessee.

6. **Use and Subleasing:** Lessee agrees that the vehicles (a) will be operated only by authorized licensed drivers employed by Lessee as law-enforcement officers; (b) will be kept free of all fines, liens and encumbrances; (c) will not be used illegally, improperly, for hire, or contrary to the manufacturer's recommendations; and (d) will not be altered, marked or have equipment installed on them without Lessor's consent. Police emergency equipment and markings are acceptable.

7. **Insurance:** During the term of the Lease Lessee must maintain public liability and physical damage insurance on the vehicles that covers both Lessee and Lessor. Lessee agrees that the Department's own liability and personal injury protection insurance will provide primary insurance coverage up to its full policy limits. Lessor must be named as "additional insured" and "loss payee" on Department's insurance policy. Lessee will provide Lessor with evidence of this insurance. Lessee's insurance policy must provide that Lessor will be notified in writing at least 10 days before the insurance is cancelled or coverage altered and that Lessor, or its representatives, may have full access to any claim file in the event of an insurable loss. In the event of a total loss or destruction of vehicles, Lessee's maximum exposure shall be the Dealer's cost of the vehicle as shown on its books/records.

Lessor or Dealer shall provide the Lessee or Department with evidence of insurance as follows: Workers Compensation, General Liability, Automobile Liability, and Errors and Omissions (Professional) Liability.

Lessor's or Dealer's insurance shall apply only when the vehicles are in Dealer's care, custody or control.

8. **Notice of Accidents and Cooperation:** Lessee agrees to cooperate fully with Lessor and any insurance company in the investigation and defense of any and all claims arising from their possession and use of the vehicles. Lessee will make a complete report to Lessor within 48 hours after any accident, theft or loss involving the vehicles.

9. **Indemnification:** Lessee agrees to indemnify and hold Lessor, its affiliates, assignees, officers, agents and employees harmless from all losses, liability, damages, injuries, claims, demands and expenses, including attorneys fees, arising out of the use of the vehicles while in the care, custody or control of the Lessee.

10. **Limitation of Liability:** Lessor shall not be liable for any indirect or consequential damages or inconvenience (except for those relating to personal injury) which may result to Lessor from any damages to, or defect in, the vehicles for the time needed to repair or service the vehicles. Monthly lease payments shall continue and not be reduced or delayed during this time. Lessor makes no express warranties covering the vehicles. In particular, Lessor makes no express warranties of vehicle condition, merchantability, durability or fitness for a particular purpose of use covering the vehicle, and Lessor expressly disclaims any such express warranties.

11. **Return of the Vehicles:** At the end of the Lease, the Department must return the vehicles to Lessor in good condition, without damage, excessive wear or use and with all the original equipment installed by the manufacturer.

- Vendor will not be responsible for accident or training damage
- Tank, fenders, and saddlebags will be free of dents
- Chrome edges of floor boards shall not be completely worn down
- Clutch and brake levers shall not be bent
- Windshields shall be free of scratches and distortion
- Tires must have a minimum of 4/32 tread depth

DAYTONA HARLEY DAVIDSON

THE CITY OF HATTIESBURG, MS

By: Shelly Rossmeier-Pepe By: _____
 Shelly Rossmeier-Pepe Signature
 Vice-President

Date: 3-14-18 Title: _____

EXHIBIT "A"

March 14, 2018

Lessee's Name: The City of Hattiesburg Police Department

Model Year: 2017

Model Description: FLHP Road King, two-tone black/white with anti-lock brakes

Number of Units: 12

Vehicle Identification Number:

1. 1HD1FHC10HB644814
2. 1HD1FHC10HB646045
3. 1HD1FHC12HB646208
4. 1HD1FHC12HB648041
5. 1HD1FHC13HB646637
6. 1HD1FHC14HB648042
7. 1HD1FHC13HB646234
8. 1HD1FHC15HB650883
9. 1HD1FHC12HB646255
10. 1HD1FHC16HB645482
11. 1HD1FHC16HB645515
12. 1HD1FHC16HB645238

MOTORCYCLE LEASE AGREEMENT

This Motorcycle Lease Agreement (the "Lease") is made this 14th day of March, 2018 by and between Rossmeyer Daytona Motorcycles Inc., DBA Bruce Rossmeyer's Daytona Harley-Davidson, 1637 North US HWY 1, Ormond Beach, FL 32174, ("Dealer" or "Lessor") and The City of Hattiesburg Police Department, (the "Department" or "Lessee"), whose address is #1 Government Plaza, Hattiesburg, Mississippi 39401 for the lease of police motorcycles (hereinafter referred to as "the vehicles") as described in Exhibit "A" attached hereto, for use by the Department's authorized employees in the performance of police-related or law-enforcement duties. The terms and conditions of the Lease are as follows:

1. **Term:** The term of this Lease shall be twelve (12) months commencing on April 1, 2018 and ending on March 31, 2019. Lessee shall have the right to extend or renew the term of this Lease for one year provided that Lessor agrees upon the same terms and conditions as provided in the Lease. In the event Lessee elects to exercise its option to renew the terms of this Lease then Lessee shall provide Lessor with written notice of its election. Such written notice must be submitted to the Lessor within 90 days of the end of the lease.
2. **Payment:** Lessee shall make monthly lease payments to Lessor in the amount of **\$345.00** for each vehicle commencing April 1, 2018. In the event Lessee is subject to budgetary constraints, an alternative payment plan for the lease (i.e. a lump-sum payment) can be arranged with Lessor.
3. **Miscellaneous Fees:** Lessee agrees to pay for all official fees in connection with the certificate of title, registration and license fees and any applicable taxes for each of the leased vehicles. Any cost associated with the installation of a police package, or any additional equipment purchased by the department for the vehicles will be the responsibility of the Lessee.
4. **Delivery and Return:** The Lessor shall deliver to Lessee the vehicles ready for service to the Hattiesburg Police Department, #1 Government Plaza, Hattiesburg, Mississippi. At the end of the lease the Lessor shall pick up the vehicles at the same location.

5. **Maintenance, Repairs and Operating Expenses:** Lessee is responsible for and agrees to pay for all maintenance and repairs to keep the vehicles in good working order and condition and other expenses associated with operating the vehicles that are not covered by warranty. Lessee agrees to service the vehicles by a certified technician according to the manufacturer's recommendations as outlined in the owner's manual for the vehicles and as requested by the manufacturer in any recall campaign. Lessee's use or repair of the vehicles must not invalidate any warranty. In addition to required maintenance the vehicles when returned to Lessor shall have only normal wear. Any damage by misuse, neglect, or damage from accidents will be the responsibility of the Lessee.

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- Windshields shall be free of scratches and distortion
- Tires must have a minimum of 4/32 tread depth

DAYTONA HARLEY DAVIDSON

THE CITY OF HATTIESBURG, MS

By: Shelly Rossmeier-Pepe
Shelly Rossmeier-Pepe
Vice-President

By: [Signature]
Signature

Date: 3-14-18

Title: Mayor

4-17-18

EXHIBIT "A"

March 14, 2018

Lessee's Name: The City of Hattiesburg Police Department

Model Year: 2017

Model Description: FLHP Road King, two-tone black/white with anti-lock brakes

Number of Units: 12

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9. 1HD1FHC12HB646255
10. 1HD1FHC16HB645482
11. 1HD1FHC16HB645515
12. 1HD1FHC16HB645238



City of Hattiesburg, MS

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

Master

File Number: 2018-370

File ID: 2018-370

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Andrew Ellard

File Created: 04/06/2018

Brief Title: Authorize Interlocal Agreement for additional fixed transit route in the vicinity of USM Hattiesburg campus.

Final Action: 04/17/2018

Minute Book Number: MB2018-106

Title:

Authorize the Mayor to enter into an Interlocal Agreement with the University of Southern Mississippi for the provision of an additional fixed transit route in the vicinity of the Hattiesburg campus, contingent upon approval by the IHL Board of Directors and the Office of the Mississippi Attorney General.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-13

Sponsors:

Enactment Date:

Attachments: Revised Interlocal Agreement_TR_clean_040518, executed Revised Interlocal Agreement_TR_clean_040518, FULLY Executed Revised Interlocal Agreement_TR_clean_040518

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Andrew Ellard

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018	Authorize				Pass

Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member George to Authorize the Mayor to enter into an Interlocal Agreement with the University of Southern Mississippi for the provision of an additional fixed transit route in the vicinity of the Hattiesburg campus, contingent upon approval by the IHL Board of Directors and the Office of the Mississippi Attorney General.

Council member George expressed happiness that this item is on the agenda. He said he has been working on it since he was a freshman and that he is looking forward to USM students making increased use of [the city's] mass transit system.

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

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

Nays: 0

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

Text of Legislative File 2018-370

Title

Authorize the Mayor to enter into an Interlocal Agreement with the University of Southern Mississippi for the provision of an additional fixed transit route in the vicinity of the Hattiesburg campus, contingent upon approval by the IHL Board of Directors and the Office of the Mississippi Attorney General.

Summary

Authorize Interlocal Agreement for additional fixed transit route in the vicinity of USM Hattiesburg campus.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

**STATE OF MISSISSIPPI
COUNTY OF FORREST**

**INTERLOCAL GOVERNMENTAL AGREEMENT
BETWEEN THE CITY OF HATTIESBURG, MISSISSIPPI
AND THE UNIVERSITY OF SOUTHERN MISSISSIPPI**

WHEREAS, the Interlocal Cooperation Act of 1974, Miss. Code Ann. § 17-13-1, et seq. as amended, authorizes any two (2) or more local governmental units to enter into a written contractual agreement with one another to jointly provide services and facilities and to jointly exercise and carry out any power, authority or responsibility exercised or capable of being exercised by a local governmental unit; and

WHEREAS, the City Council of the City of Hattiesburg, Mississippi (hereinafter referred to as (“City”)) and The University of Southern Mississippi (hereinafter referred to as “University”), are local governmental units as defined by Miss. Code Ann. § 17-13-5(a), and each is governed by a governing authority as defined by Miss. Code Ann. § 17-13-5(b); and

WHEREAS, the City of Hattiesburg operates and maintains the Hub City Transit Mass Transit system (the “system”) in the Hattiesburg area; and

WHEREAS, the City periodically applies for, receives, and administers funding through the Federal Transit Administration for capital, operations, and maintenance of the system, which generally requires a certain proportion of local matching funds; and

WHEREAS, it is the desire of the parties to create a fixed route in the vicinity of the University campus that would complement other fixed routes in the system; and

WHEREAS, it has been determined that the City has the capability of providing the services contemplated by the terms of this agreement; and

WHEREAS, this contract is entered into pursuant to the Interlocal Cooperation Act of 1974, Miss. Code Ann. § 17-13-1, *et seq.*, and shall not take effect unless approved by the Mississippi Attorney General, and if so approved, until it is filed with the chancery clerk of Forrest County and with the Secretary of State;

NOW, THEREFORE, in consideration of the above and foregoing premises and under the authority of Miss. Code Ann. § 17-13-1 *et seq.*, and the further consideration of mutual advantages and promises hereinafter contained, this contract and agreement is made and entered into on the date hereinafter stated by and among City and the University and the parties do contract and agree to the terms and conditions hereinafter set forth:

Section 1. Effective Date and Duration

The term of this agreement shall be for three (3) years and shall commence on July 1, 2018 and shall terminate on June 30, 2021, or until terminated in accordance with the provision of Section 6 herein. The agreement will be effective upon the approval of the Interlocal Agreement by the Attorney General of this State and thereafter, the filing of said Interlocal Agreement with the Chancery Clerk of Forrest County and with the Secretary of State.

Section 2. Purpose

The City shall create a new fixed route in the vicinity of the University, largely circulating within the University campus, and shall provide such services in a manner consistent with the system at large, and shall provide such ancillary services along the route as would be expected along the system at large. The City shall operate two (2) buses along said route in a reasonable effort to provide frequency of service in twenty (20) minutes or less during the normal operating hours of the system.

In consideration of the terms of this agreement, active students, faculty, and staff of the university displaying proper identification will have access to all buses and services of the system during the term of the agreement.

Section 3. Organization/Statutory Authority

There will be no separate legal or administrative entity created by this Interlocal Agreement. The City is authorized under Miss. Code Ann. § 21-17-1 (10) to use available funding through the Federal Transit Administration for capital, operations and maintenance of the system which generally requires a certain proportion of local matching funds. Likewise, the University, being an institution incorporated by an act of the legislature in Miss. Code Ann. § 37-119-1, may do all things necessary to accomplish the purpose of its creation as an institution of higher learning.

Section 4. Manner of Financing and Construction of Bus Shelters

The City shall contribute resources toward the construction of bus shelters along the new route, but shall only do so in equitable proportion to the creation of shelters throughout the system. Given the effort and investment of the University in establishing distinct ornamental styling, the City will work with the University to establish a mutually agreeable style of bus shelter and related amenities that will comply with the demands of the system and be reasonably comparable in cost to other shelters in the city's system. Shelters shall be owned and maintained by the system.

Section 5. Fees due from University

During the term of this agreement, the University shall pay unto the City an annual fee that is due by July 1 each year, beginning July 1, 2018. The annual fee is One Hundred and Twenty-One Thousand Dollars (\$121,000).

Section 6. Termination and Amendment of Interlocal Agreement

The parties may terminate or amend this agreement at any time, but only by proper action of the governing authorities of all the parties. This agreement may be amended at any time by the mutual consent of the parties herein by an agreement entered into pursuant to the provisions of the Interlocal Act and approved by the Attorney General. In the event of an early termination of the Agreement by the parties, the annual fee under Section 5 shall be prorated and the City shall reimburse the remainder of the annual fee to the University. The prorated amount shall be calculated based on the difference in the number of days remaining between the early termination date and the annual expiration date of June 30.

Section 7. Review

At the completion of year two (2), and no later than October 31, 2020, both parties to the agreement shall meet to review the terms of the agreement and the results thereof. Actual cost, actual ridership, best practices, and potential system improvements will be among the items reviewed for the purpose of establishing an intent to continue such partnership beyond year three (3). The parties shall make every reasonable effort to come to a conclusion no later than January 1, 2021.

Section 8. General Provisions

a. This agreement must be ratified and approved by the respective governing authorities prior to initiation, and this agreement is expressly subject to the approval by the Attorney General of the State of Mississippi as required by Miss. Code Ann. § 17-13-11. Further, this agreement is subject to ratification by the new respective governing authorities as the term of

said contract may extend beyond any term of office of the City Council of Hattiesburg, MS and/or the Board of Trustees of the Institutions of Higher Learning.

b. Nothing in this Interlocal Agreement shall be construed to abridge any of the rights, privileges, and immunities enjoyed by the governmental entities and public officials which are parties hereto.

Section 9. Severability

Should any provisions of this Agreement be found to be unconstitutional, or otherwise be contrary to the laws of the State of Mississippi or the United States of America, to the extent that it is reasonably possible to do so, the remainder of this Agreement shall remain in full force and effect.

Signed this the _____ day of _____, 2018.

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

**STATE OF MISSISSIPPI
COUNTY OF FORREST**

**INTERLOCAL GOVERNMENTAL AGREEMENT
BETWEEN THE CITY OF HATTIESBURG, MISSISSIPPI
AND THE UNIVERSITY OF SOUTHERN MISSISSIPPI**

WHEREAS, the Interlocal Cooperation Act of 1974, Miss. Code Ann. § 17-13-1, et seq. as amended, authorizes any two (2) or more local governmental units to enter into a written contractual agreement with one another to jointly provide services and facilities and to jointly exercise and carry out any power, authority or responsibility exercised or capable of being exercised by a local governmental unit; and

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WHEREAS, the City of Hattiesburg operates and maintains the Hub City Transit Mass Transit system (the "system") in the Hattiesburg area; and

WHEREAS, the City periodically applies for, receives, and administers funding through the Federal Transit Administration for capital, operations, and maintenance of the system, which generally requires a certain proportion of local matching funds, and

WHEREAS, it is the desire of the parties to create a fixed route in the vicinity of the University campus that would complement other fixed routes in the system, and

WHEREAS, it has been determined that the City has the capability of providing the services contemplated by the terms of this agreement, and

WHEREAS, this contract is entered into pursuant to the Interlocal Cooperation Act of 1974, Miss. Code Ann. § 17-13-1, *et seq.*, and shall not take effect unless approved by the Mississippi Attorney General, and if so approved, until it is filed with the chancery clerk of Forrest County and with the Secretary of State.

NOW, THEREFORE, in consideration of the above and foregoing premises and under the authority of Miss. Code Ann. § 17-13-1 *et seq.*, and the further consideration of mutual advantages and promises hereinafter contained, this contract and agreement is made and entered into on the date hereinafter stated by and among City and the University and the parties do contract and agree to the terms and conditions hereinafter set forth:

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said contract may extend beyond any term of office of the City Council of Hattiesburg, MS and/or the Board of Trustees of the Institutions of Higher Learning.

b. Nothing in this Interlocal Agreement shall be construed to abridge any of the rights, privileges, and immunities enjoyed by the governmental entities and public officials which are parties hereto.

Section 9. Severability

Should any provisions of this Agreement be found to be unconstitutional, or otherwise be contrary to the laws of the State of Mississippi or the United States of America, to the extent that it is reasonably possible to do so, the remainder of this Agreement shall remain in full force and effect.

Signed this the 17th day of April, 2018.

IN WITNESS WHERE, the parties have executed this Agreement as of the date and year first above written,

CITY OF HATTIESBURG, MS

BY: _____

MAYOR

ATTEST:

BY: _____

CITY CLERK

UNIVERSITY OF SOUTHERN MISSISSIPPI

BY: _____

VICE PRESIDENT FOR FINANCE AND ADMINISTRATION



**THE UNIVERSITY OF
SOUTHERN MISSISSIPPI**

OFFICE OF THE GENERAL COUNSEL

118 College Drive #5079 | Hattiesburg, MS 39406-0001

Phone: 601.266.4466 | Fax: 601.266.4440 | www.usm.edu/general-counsel

July 9, 2018

Mr. Andrew Ellard
Director of Urban Development
City of Hattiesburg
200 Forrest Street / PO Box 1898
Hattiesburg, MS 39401 / 39403

RE: Interlocal Agreement between USM and the City of Hattiesburg, Mississippi

Dear Andrew:

Enclosed please find the original Interlocal Agreement for service on the USM campus by Hub City Transit. This Agreement has been approved by the Mississippi Attorney General, and recorded with the Secretary of State and the Chancery Clerk.

Please let me know if you have any questions. Thank you for your assistance in this matter.

Sincerely,

TRUETT ROBERTS
Associate General Counsel

TR/tk

enclosures

**STATE OF MISSISSIPPI
SECRETARY OF STATE'S OFFICE
C. DELBERT HOSEMANN, JR.
SECRETARY OF STATE
JACKSON, MISSISSIPPI**

June 29, 2018

Mr. Truett Roberts, Esquire
Associate General Counsel
University of Southern Mississippi
118 College Drive # 5079
Hattiesburg, MS 39406-0001

Dear Mr. Roberts,

I, Delbert Hosemann, Secretary of State, do hereby certify the

**APPROVAL OF THE INTERLOCAL AGREEMENT BETWEEN THE
UNIVERSITY OF SOUTHERN MISSISSIPPI AND THE CITY OF
HATTIESBURG FOR THE CREATION OF AN ADDITIONAL BUS
ROUTE IN THE VICINITY OF THE UNIVERSITY'S CAMPUS**

**was recorded in this office in the Records of Incorporation; the Interlocal
Corporation Act File; and is located in Photostat Book 404.**

**GIVEN UNDER MY HAND AND THE GREAT SEAL OF THE STATE OF
MISSISSIPPI HERETO AFFIXED, THIS 29TH DAY OF JUNE, 2018**



C. Delbert Hosemann, Jr.

C. Delbert Hosemann, Jr.

STATE OF MISSISSIPPI



JIM HOOD
ATTORNEY GENERAL

OPINIONS
DIVISION

June 13, 2018

Truett Roberts, Esquire
Associate General Counsel
University of Southern Mississippi
118 College Drive # 5079
Hattiesburg Mississippi 39406-0001

Re: Interlocal Agreement between the University of Southern Mississippi and the City of Hattiesburg for the creation of an additional bus route in the vicinity of the University's campus.

Dear Mr. Roberts:

Attorney General Jim Hood received your request to review and approve the above referenced interlocal agreement (the Agreement).

We have examined the Agreement pursuant to the Interlocal Cooperation Act of 1974 and find it to be in proper form and compatible with state law, and it is hereby approved.

As noted in your request letter, prior to its being in force, the Agreement must be filed with the Forrest and Lamar County Chancery Clerks and the Secretary of State.

Sincerely,

JIM HOOD, ATTORNEY GENERAL

By:

A handwritten signature in dark ink, appearing to read "Phil Carter".

Phil Carter
Special Assistant Attorney General



INTERLOCAL AGREEMENT

Bk:1 Page:306-312

RCD: 06/20/2018 @ 4:47:34PM

FORREST COUNTY, MS

JIMMY C. HAVARD CHANCERY CLERK

THIS INSTRUMENT PREPARED BY/RETURN TO:

TRUETT ROBERTS
ASSOCIATE GENERAL COUNSEL
THE UNIVERSITY OF SOUTHERN MISSISSIPPI
118 COLLEGE DRIVE, BOX 5079
HATTIESBURG, MS 39406

INTERLOCAL AGREEMENT

The University of Southern Mississippi
118 College Drive, Box 5079
Hattiesburg, MS 39406
601/266-4466

The City of Hattiesburg, Mississippi
P.O. Box 1898
Hattiesburg, MS 39401
601/545-4500

**STATE OF MISSISSIPPI
COUNTY OF FORREST**

**INTERLOCAL GOVERNMENTAL AGREEMENT
BETWEEN THE CITY OF HATTIESBURG, MISSISSIPPI
AND THE UNIVERSITY OF SOUTHERN MISSISSIPPI**

WHEREAS, the Interlocal Cooperation Act of 1974, Miss. Code Ann. § 17-13-1, et seq. as amended, authorizes any two (2) or more local governmental units to enter into a written contractual agreement with one another to jointly provide services and facilities and to jointly exercise and carry out any power, authority or responsibility exercised or capable of being exercised by a local governmental unit; and

WHEREAS, the City Council of the City of Hattiesburg, Mississippi (hereinafter referred to as ("City")) and The University of Southern Mississippi (hereinafter referred to as "University"), are local governmental units as defined by Miss. Code Ann. § 17-13-5(a), and each is governed by a governing authority as defined by Miss. Code Ann. § 17-13-5(b); and

WHEREAS, the City of Hattiesburg operates and maintains the Hub City Transit Mass Transit system (the "system") in the Hattiesburg area; and

WHEREAS, the City periodically applies for, receives, and administers funding through the Federal Transit Administration for capital, operations, and maintenance of the system, which generally requires a certain proportion of local matching funds, and

WHEREAS, it is the desire of the parties to create a fixed route in the vicinity of the University campus that would complement other fixed routes in the system, and

WHEREAS, it has been determined that the City has the capability of providing the services contemplated by the terms of this agreement, and

WHEREAS, this contract is entered into pursuant to the Interlocal Cooperation Act of 1974, Miss. Code Ann. § 17-13-1, *et seq.*, and shall not take effect unless approved by the Mississippi Attorney General, and if so approved, until it is filed with the chancery clerk of Forrest County and with the Secretary of State.

NOW, THEREFORE, in consideration of the above and foregoing premises and under the authority of Miss. Code Ann. § 17-13-1 *et seq.*, and the further consideration of mutual advantages and promises hereinafter contained, this contract and agreement is made and entered into on the date hereinafter stated by and among City and the University and the parties do contract and agree to the terms and conditions hereinafter set forth:

Section 1. Effective Date and Duration

The term of this agreement shall be for three (3) years and shall commence on July 1, 2018 and shall terminate on June 30, 2021, or until terminated in accordance with the provision of Section 6 herein. The agreement will be effective upon the approval of the Interlocal Agreement by the Attorney General of this State and thereafter, the filing of said Interlocal Agreement with the Chancery Clerk of Forrest County and with the Secretary of State.

Section 2. Purpose

The City shall create a new fixed route in the vicinity of the University, largely circulating within the University campus, and shall provide such services in a manner consistent with the system at large, and shall provide such ancillary services along the route as would be expected along the system at large. The City shall operate two (2) buses along said route in a reasonable effort to provide frequency of service in twenty (20) minutes or less during the normal operating hours of the system.

In consideration of the terms of this agreement, active students, faculty, and staff of the university displaying proper identification will have access to all buses and services of the system during the term of the agreement.

Section 3. Organization/Statutory Authority

There will be no separate legal or administrative entity created by this Interlocal Agreement. The City is authorized under Miss. Code Ann. § 21-17-1 (10) to use available funding through the Federal Transit Administration for capital, operations and maintenance of the system which generally requires a certain proportion of local matching funds. Likewise, the University, being an institution incorporated by an act of the legislature in Miss. Code Ann. § 37-119-1, may do all things necessary to accomplish the purpose of its creation as an institution of higher learning.

Section 4. Manner of Financing and Construction of Bus Shelters

The City shall contribute resources toward the construction of bus shelters along the new route, but shall only do so in equitable proportion to the creation of shelters throughout the system. Given the effort and investment of the University in establishing distinct ornamental styling, the City will work with the University to establish a mutually agreeable style of bus shelter and related amenities that will comply with the demands of the system and be reasonably comparable in cost to other shelters in the city's system. Shelters shall be owned and maintained by the system.

Section 5. Fees due from University

During the term of this agreement, the University shall pay unto the City an annual fee that is due by July 1 each year, beginning July 1, 2018. The annual fee is One Hundred and Twenty-one Thousand Dollars (\$121,000).

Section 6. Termination and Amendment of Interlocal Agreement

The parties may terminate or amend this agreement at any time, but only by proper action of the governing authorities of all the parties. This agreement may be amended at any time by the mutual consent of the parties herein by an agreement entered into pursuant to the provisions of the Interlocal Act and approved by the Attorney General. In the event of an early termination of the Agreement by the parties, the annual fee under Section 5 shall be prorated and the City shall reimburse the remainder of the annual fee to the University. The prorated amount shall be calculated based on the difference in the number of days remaining between the early termination date and the annual expiration date of June 30.

Section 7. Review

At the completion of year two (2), and no later than October 31, 2020, both parties to the agreement shall meet to review the terms of the agreement and the results thereof. Actual cost, actual ridership, best practices, and potential system improvements will be among the items reviewed for the purpose of establishing an intent to continue such partnership beyond year three (3). The parties shall make every reasonable effort to come to a conclusion no later than January 1, 2021.

Section 8. General Provisions

a. This agreement must be ratified and approved by the respective governing authorities prior to initiation, and this agreement is expressly subject to the approval by the Attorney General of the State of Mississippi as required by Miss. Code Ann. § 17-13-11. Further, this agreement is subject to ratification by the new respective governing authorities as the term of

said contract may extend beyond any term of office of the City Council of Hattiesburg, MS and/or the Board of Trustees of the Institutions of Higher Learning.

b. Nothing in this Interlocal Agreement shall be construed to abridge any of the rights, privileges, and immunities enjoyed by the governmental entities and public officials which are parties hereto.

Section 9. Severability

Should any provisions of this Agreement be found to be unconstitutional, or otherwise be contrary to the laws of the State of Mississippi or the United States of America, to the extent that it is reasonably possible to do so, the remainder of this Agreement shall remain in full force and effect.

Signed this the 17th day of April, 2018.

IN WITNESS WHERE, the parties have executed this Agreement as of the date and year first above written,

CITY OF HATTIESBURG, MS

BY:

Tony B.
MAYOR

ATTEST:

BY:

[Signature]
CITY CLERK

UNIVERSITY OF SOUTHERN MISSISSIPPI

BY:

[Signature]
VICE PRESIDENT FOR FINANCE AND ADMINISTRATION

(Interim)





City of Hattiesburg, MS

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

Certified Copy

Regular Agenda Item: 2018-370

File Number: 2018-370

Authorize the Mayor to enter into an Interlocal Agreement with the University of Southern Mississippi for the provision of an additional fixed transit route in the vicinity of the Hattiesburg campus, contingent upon approval by the IHL Board of Directors and the Office of the Mississippi Attorney General.

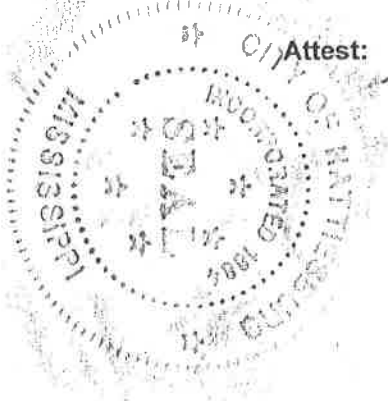
I, Kermas Eaton, certify that this is a true copy of Regular Agenda Item No. 2018-370, passed by the City Council on 4/17/2018.

Attest:

A handwritten signature in dark ink, appearing to read "K. Eaton", is written over a horizontal line.

5 - 10-18

Date Certified





City of Hattiesburg, MS

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

Master

File Number: 2018-372

File ID: 2018-372

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Andrew Ellard

File Created: 04/06/2018

Brief Title: Urban Development Software Project

Final Action: 04/17/2018

Minute Book Number: MB2018-106

Title:

Authorize Mayor to execute proposal between the City of Hattiesburg and Tyler Technologies for the upgrade of the EnerGov software used by Urban Development to transfer critical data off of local servers and to create citizen portals for online application filing and related features.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-14

Sponsors:

Enactment Date:

Attachments: Memo - EnerGov Upgrade Details - 4-6-2018, Citizen Self Service Portal Quote, Planning Migration Quote, executed Planning Migration Quote

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Andrew Ellard

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018	Authorize				Pass
Action Text: A MOTION was made by Council Member Delgado and seconded by Council Member Brown to Authorize Mayor to execute proposal between the City of Hattiesburg and Tyler Technologies for the upgrade of the EnerGov software used by Urban Development to transfer critical data off of local servers and to create citizen portals for online application filing and related features.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							

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

Text of Legislative File 2018-372

Title

Authorize Mayor to execute proposal between the City of Hattiesburg and Tyler Technologies for the upgrade of the EnerGov software used by Urban Development to transfer critical data off of local servers and to create citizen portals for online application filing and related features.

Summary

Urban Development Software Project

Budget Information

Budgeted funds exist for this project.

Expenditure Type

Purchasing Item

Publication Information

INTEROFFICE MEMORANDUM

TO: MAYOR BARKER AND CITY COUNCIL
FROM: ANDREW ELLARD
SUBJECT: 4/17/2018 AGENDA ITEM RE: TYLER TECHNOLOGIES / ENERGOV
DATE: 4/6/2018

Ladies and Gentlemen,

Included on the 4/17/2018 City Council agenda is an item acknowledging the receipt of quotes from Tyler Technologies for the upgrade of the EnerGov software used by Urban Development. The cost of these upgrades are covered within existing budgeted funds.

The project includes two primary elements. First, the desktop version of EnerGov used by the Planning Division will be migrated to an updated, cloud-based version. This data is among the last remaining data on the city's outdated Windows 98 server, which is no longer covered under maintenance agreements. In recent years, the city began migrating other Urban Development functions off of the old server, so this step is a continuation of that effort and will better enable Planning to seamlessly work under the new version along with the other divisions.

The second, and more exciting element of this upgrade, intends to create a Citizen Self-Service portal for various functions. Citizens will be able to submit permit applications, site plan applications, privilege tax license applications, and various other planning/building/tax forms in an online platform. Users will be able to upload documents, make payments, schedule inspections and perform other tasks that may eliminate the need to physically visit City Hall in many instances. Frequent users will be able to log in and track their applications as well.

We believe that this functionality will enhance our customers' experience working with the city and help to speed up many processes while also serving to improve the quality of our work.

ae



Quoted By: DK Robertson
Date: 12/14/2017
Quote Expiration: 4/22/2018
Quote Name: City of Hattiesburg-LGD-EG-CSS
Quote Number: 2017-38608
Quote Description: EnerGov CSS

Sales Quotation For

Sherry Gipson
City of Hattiesburg
PO Box 1898
Hattiesburg, MS 39403-1898
Phone +1 (601) 545-4966

EnerGov Software

Description	License	Users/Units	Module Total	Year One Maintenance
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Extensions:

EnerGov Citizen Self Service - Permitting & Land Mgmt (PLM)	\$12,799.00	1	\$12,799.00	\$2,560.00
TOTAL:			\$12,799.00	\$2,560.00

EnerGov Professional Services

Description	Hours	Unit Price	Extended Price	Year One Maintenance
EnerGov Configuration Services	100	\$175.00	\$17,500.00	\$0.00
EnerGov CSS Deployment	9	\$175.00	\$1,575.00	\$0.00
EnerGov Fundamentals Training	8	\$175.00	\$1,400.00	\$0.00
EnerGov Project Management Services	30	\$175.00	\$5,250.00	\$0.00
TOTAL:			\$25,725.00	\$0.00

Summary	One Time Fees	Recurring Fees
Total Tyler Software	\$12,799.00	\$2,560.00
Total Tyler Services	\$25,725.00	\$0.00
Total 3rd Party Hardware, Software and Services	\$0.00	\$0.00
Summary Total	\$38,524.00	\$2,560.00
Contract Total	\$41,084.00	

Unless otherwise indicated in the contract or Amendment thereto, pricing for optional items will be held for Six (6) months from the Quote date or the Effective Date of the Contract, whichever is later.

Customer Approval:	_____	Date:	_____
Print Name:	_____	P.O. #:	_____

All primary values quoted in US Dollars

Comments

Software License fees and first year ASM charges are due and payable at Software delivery or Availability for Download. Renewals of ASM are billed annually in advance on the anniversary of delivery and each year thereafter. ASM charges are subject to price adjustments. Invoice terms are Net 30. Professional services are billable and invoiced monthly as consumed.



Quoted By: Garth Magness
Date: 12/14/2017
Quote Expiration: 3/6/2018
Quote Name: City of Hattiesburg-LGD-Desktop Migration (Planning)
Quote Number: 2017-36143
Quote Description: Desktop Migration (Planning)

Sales Quotation For

City of Hattiesburg
PO Box 1898
Hattiesburg, MS 39403-1898
Phone +1 (601) 545-4966

EnerGov Professional Services

Description	Hours	Unit Price	Extended Price	Year One Maintenance
Desktop Data Migration (if applicable)	1	\$0.00	\$0.00	\$0.00
EnerGov Configuration Services	128	\$175.00	\$22,400.00	\$0.00
EnerGov Project Management Services	27	\$175.00	\$4,725.00	\$0.00
TOTAL:			\$27,125.00	\$0.00

Summary

	One Time Fees	Recurring Fees
Total Tyler Software	\$0.00	\$0.00
Total Tyler Services	\$27,125.00	\$0.00
Total 3rd Party Hardware, Software and Services	\$0.00	\$0.00
Summary Total	\$27,125.00	\$0.00
Contract Total	\$27,125.00	

Summary
(Excluding Estimated Travel Expenses)
Estimated Travel Expenses

One Time Fees	Recurring Fees
\$1,700.00	

Unless otherwise indicated in the contract or Amendment thereto, pricing for optional items will be held for Six (6) months from the Quote date or the Effective Date of the Contract, whichever is later.

Customer Approval:	_____	Date:	_____
Print Name:	_____	P.O. #:	_____

All primary values quoted in US Dollars

Comments

Assumes up to 8 unique transaction types and associated workflows.

INTEROFFICE MEMORANDUM

TO: MAYOR BARKER AND CITY COUNCIL
FROM: ANDREW ELLARD
SUBJECT: 4/17/2018 AGENDA ITEM RE: TYLER TECHNOLOGIES / ENERGOV
DATE: 4/6/2018

Ladies and Gentlemen,

Included on the 4/17/2018 City Council agenda is an item acknowledging the receipt of quotes from Tyler Technologies for the upgrade of the EnerGov software used by Urban Development. The cost of these upgrades are covered within existing budgeted funds.

The project includes two primary elements. First, the desktop version of EnerGov used by the Planning Division will be migrated to an updated, cloud-based version. This data is among the last remaining data on the city's outdated Windows 98 server, which is no longer covered under maintenance agreements. In recent years, the city began migrating other Urban Development functions off of the old server, so this step is a continuation of that effort and will better enable Planning to seamlessly work under the new version along with the other divisions.

The second, and more exciting element of this upgrade, intends to create a Citizen Self-Service portal for various functions. Citizens will be able to submit permit applications, site plan applications, privilege tax license applications, and various other planning/building/tax forms in an online platform. Users will be able to upload documents, make payments, schedule inspections and perform other tasks that may eliminate the need to physically visit City Hall in many instances. Frequent users will be able to log in and track their applications as well.

We believe that this functionality will enhance our customers' experience working with the city and help to speed up many processes while also serving to improve the quality of our work.

ae



Sales Quotation For

Sherry Gipson
 City of Hattiesburg
 PO Box 1898
 Hattiesburg, MS 39403-1898
 Phone +1 (601) 545-4966

Quoted By: DK Robertson
 Date: 12/14/2017
 Quote Expiration: 4/22/2018
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EnerGov Software

Description	License	Users/Units	Module Total	Year One Maintenance
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EnerGov Professional Services

Description	Hours	Unit Price	Extended Price	Year One Maintenance
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TOTAL:			\$25,725.00	\$0.00

Summary		One Time Fees	Recurring Fees
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Total Tyler Services		\$25,725.00	\$0.00
Total 3rd Party Hardware, Software and Services		\$0.00	\$0.00
Summary Total		\$38,524.00	\$2,560.00
Contract Total		\$41,084.00	

Unless otherwise indicated in the contract or Amendment thereto, pricing for optional items will be held for Six (6) months from the Quote date or the Effective Date of the Contract, whichever is later.

Customer Approval:

Date:

4-17-18

Print Name:

P.O. #:

Toby Barker, Mayor

All primary values quoted in US Dollars

Comments

Software License fees and first year ASM charges are due and payable at Software delivery or Availability for Download. Renewals of ASM are billed annually in advance on the anniversary of delivery and each year thereafter. ASM charges are subject to price adjustments. Invoice terms are Net 30. Professional services are billable and invoiced monthly as consumed.



Sales Quotation For
 City of Hattiesburg
 PO Box 1898
 Hattiesburg, MS 39403-1898
 Phone +1 (601) 545-4966

Quoted By: Garth Magness
Date: 12/14/2017
Quote Expiration: 3/6/2018
Quote Name: City of Hattiesburg-LGD-Desktop Migration (Planning)
Quote Number: 2017-36143
Quote Description: Desktop Migration (Planning)

EnerGov Professional Services

Description	Hours	Unit Price	Extended Price	Year One Maintenance
Desktop Data Migration (if applicable)	1	\$0.00	\$0.00	\$0.00
EnerGov Configuration Services	128	\$175.00	\$22,400.00	\$0.00
EnerGov Project Management Services	27	\$175.00	\$4,725.00	\$0.00
TOTAL:			\$27,125.00	\$0.00

Summary

	One Time Fees	Recurring Fees
Total Tyler Software	\$0.00	\$0.00
Total Tyler Services	\$27,125.00	\$0.00
Total 3rd Party Hardware, Software and Services	\$0.00	\$0.00
Summary Total	\$27,125.00	\$0.00
Contract Total	\$27,125.00	

2017-36143 - Desktop Migration (Planning)

CONFIDENTIAL

Summary	One Time Fees	Recurring Fees
(Excluding Estimated Travel Expenses)		
Estimated Travel Expenses	\$1,700.00	

Unless otherwise indicated in the contract or Amendment thereto, pricing for optional items will be held for Six (6) months from the Quote date or the Effective Date of the Contract, whichever is later.

Customer Approval:



Date:

4-17-18

Print Name:

Toby Barker, Mayor

P.O. #:

All primary values quoted in US Dollars

Comments

Assumes up to 8 unique transaction types and associated workflows.



City of Hattiesburg, MS

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

Master

File Number: 2018-382

File ID: 2018-382

Type: Regular Agenda Item

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester: Andrew Ellard

File Created: 04/09/2018

Brief Title: Approve manpower adjustment to create four new driver positions in Mass Transit Division for new Hub City Transit routes.

Final Action: 04/17/2018

Minute Book Number: MB2018-106

Title:

Approve or deny a manpower adjustment for the Mass Transit Division of Urban Development to create four (4) new driver positions for new Hub City Transit routes, in accordance with Ordinance 3154.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-15

Sponsors:

Enactment Date:

Attachments: Personnel Request - 4 HCT Drivers - 4-2018

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Andrew Ellard

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018	Approve				Pass
Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member George to Approve or deny a manpower adjustment for the Mass Transit Division of Urban Development to create four (4) new driver positions for new Hub City Transit routes, in accordance with Ordinance 3154.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							
Yea: 5 Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown							

Text of Legislative File 2018-382

Title

Approve or deny a manpower adjustment for the Mass Transit Division of Urban Development to create four (4) new driver positions for new Hub City Transit routes, in accordance with Ordinance 3154.

Summary

Approve manpower adjustment to create four new driver positions in Mass Transit Division for new Hub City Transit routes.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Urban Development	New Position Annual Rate
New Positions Requested	
Mass Transit Division	
Driver	27,040
Driver	27,040
Driver	27,040
Driver	27,040
TOTAL	108,160

These positions are necessary for the implementation of new transit routes in July 2018. The FY18 budget amendment passed on April 3, 2018 included associated personnel costs for these positions. Other costs (capital, operations, and maintenance) were included in the original budget for FY18.



City of Hattiesburg, MS

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

Master

File Number: 2018-364

File ID: 2018-364

Type: Regular Agenda Item

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 04/05/2018

Brief Title: Approve Supplemental Agreement No. 1 and Closeout of Comprehensive Water Improvement Phase III Project.

Final Action: 04/17/2018

Minute Book Number: MB2018-107

Title:

Approve Supplemental Agreement No. 1 to the contract with T. L. Wallace Construction, Inc. for the Comprehensive Water Improvement Phase III project to adjust final quantities to actual for a total cost underrun of \$258,186.64 on the project; Authorize Mayor to execute same in duplicate; Authorize publication of Notice of Final Settlement for the project; Authorize payment of Pay Estimate No. 16 & Final in the amount of \$3,164.17.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-16

Sponsors:

Enactment Date:

Attachments: Cover letter - closing documents, Closing Documents, Supplemental Agreement No. 1 - Water Ph III, Notice of Final Settlement-Water Phase III, Pay Est. No. 16 & Final, executed Supplemental Agreement No. 1 - Water Ph III, executed Pay Est. No. 16 & Final

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018	Approve				Pass

Action Text: A MOTION was made by Council Member George and seconded by Council Member Brown to Approve Supplemental Agreement No. 1 to the contract with T. L. Wallace Construction, Inc. for the Comprehensive Water Improvement Phase III project to adjust final quantities to actual for a total cost underrun of \$258,186.64 on the project; Authorize Mayor to execute same in duplicate; Authorize publication of Notice of Final Settlement for the project; Authorize payment of Pay Estimate No. 16 & Final in the amount of \$3,164.17.

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

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

Nays: 0

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

Text of Legislative File 2018-364

Title

Approve Supplemental Agreement No. 1 to the contract with T. L. Wallace Construction, Inc. for the Comprehensive Water Improvement Phase III project to adjust final quantities to actual for a total cost underrun of \$258,186.64 on the project; Authorize Mayor to execute same in duplicate; Authorize publication of Notice of Final Settlement for the project; Authorize payment of Pay Estimate No. 16 & Final in the amount of \$3,164.17.

Summary

Approve Supplemental Agreement No. 1 and Closeout of Comprehensive Water Improvement Phase III Project.

Publication Information

Publish Notice of Final Settlement 1 time on April 19, 2018.



Engineering Progress

April 2, 2018

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39401

Attn: Mr. Lamar Rutland, P.E.

RE: Comprehensive Water Improvements - Phase III
Mobile & Bouie Street Areas
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. 16 for the contractor in the amount of \$3,164.17
2. Contractor's Affidavit of Release of Liens
3. Contractor's Affidavit of Payment of Debts and Claims
4. Consent of Surety to final Payment
5. Contractor's Guarantee of Work
6. Power of Attorney
7. Executed Supplemental Agreement No. 1

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Kyle D. Wallace', is written over a horizontal line.

Kyle D. Wallace, P.E.
Project Engineer

/aa

093695.7245.52



**AIA****Document G707™ – 1994****Consent Of Surety to Final Payment**

Bond # SU1134307

PROJECT: *(Name and address)*Comprehensive Water Improvements –
Phase III Mobile and Bouie Streets Area**ARCHITECT'S PROJECT NUMBER:**OWNER: ☐**CONTRACT FOR:** ConstructionARCHITECT: ☐**TO OWNER:** *(Name and address)*

City of Hattiesburg

P.O. Box 1898

Hattiesburg, MS 39401

CONTRACT DATED: August 2015CONTRACTOR: ☐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)

Arch Insurance Company

Harborside 3, 210 Hudson Street, Suite 300

Jersey City, NJ 07311-1107

, SURETY,

on bond of

(Insert name and address of Contractor)

T. L. Wallace Construction, Inc.

4025 Highway 35 North

Columbia, MS 39429

, CONTRACTOR,

hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety
 of any of its obligations to

(Insert name and address of Owner)

City of Hattiesburg

P.O. Box 1898

Hattiesburg, MS 39401

, OWNER,

as set forth in said Surety's bond.

IN WITNESS WHEREOF, the Surety has hereunto set its hand on this date: March 15th, 2018

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

Arch Insurance Company

(Surety)

Kathleen B. Scarborough
(Signature of authorized representative)

Attest:

(Seal):

Debbie Dunaway

Kathleen B. Scarborough, Attorney-in-Fact

(Printed name and title)

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON BLUE BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for Note, Loan, Letter of Credit, Currency Rate, Interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:

That the Arch Insurance Company, a corporation organized and existing under the laws of the State of Missouri, having its principal administrative office in Jersey City, New Jersey (hereinafter referred to as the "Company") does hereby appoint:

Andrew P. Underwood, Dewey E. Brashier, Jim E. Brashier, Kathleen B. Scarborough, Loren R. Howell, Jr., Susan Skrmetta and Troy P. Wagener of Biloxi, MS (EACH)

Kimberly B. Barhum, David Robin Fortenberry, Mary Jones Norval and Richard Teb Jones of Hattiesburg, MS (EACH)

John B. Sneed, Joseph R. Beattie, Lisa R. Butler and Patrick T. Mason of Gulfport, MS (EACH)

its true and lawful Attorney(s) in-Fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf as surety, and as its act and deed:

Any and all bonds, undertakings, recognizances and other surety obligations, in the penal sum not exceeding Ninety Million Dollars (\$90,000,000.00).

This authority does not permit the same obligation to be split into two or more bonds in order to bring each such bond within the dollar limit of authority as set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents shall be as binding upon the said Company as fully and amply to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on September 15, 2011, true and accurate copies of which are hereinafter set forth and are hereby certified to by the undersigned Secretary as being in full force and effect:

"VOTED, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys-in-fact, and to authorize them subject to the limitations set forth in their respective powers of attorney, to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances and other surety obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of process."

This Power of Attorney is signed, sealed and certified by facsimile under and by authority of the following resolution adopted by the unanimous consent of the Board of Directors of the Company on September 15, 2011:

VOTED, That the signature of the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, and the signature of the Secretary, the seal of the Company, and certifications by the Secretary, may be affixed by facsimile on any power of attorney or bond executed pursuant to the resolution adopted by the Board of Directors on September 15, 2011, and any such power so executed, sealed and certified with respect to any bond or undertaking to which it is attached, shall continue to be valid and binding upon the Company.

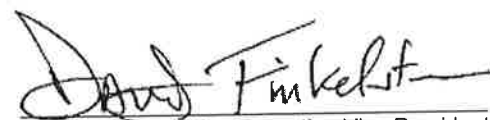
In Testimony Whereof, the Company has caused this instrument to be signed and its corporate seal to be affixed by their authorized officers, this 19th day of January, 2018.

Attested and Certified

Arch Insurance Company


Patrick K. Nails, Secretary

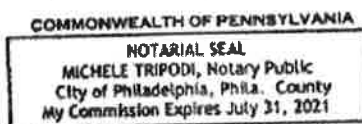


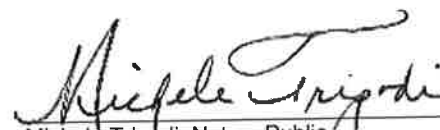

David M. Finkelstein, Executive Vice President

STATE OF PENNSYLVANIA SS

COUNTY OF PHILADELPHIA SS

I, Michele Tripodi, a Notary Public, do hereby certify that Patrick K. Nails and David M. Finkelstein personally known to me to be the same persons whose names are respectively as Secretary and Executive Vice President of the Arch Insurance Company, a Corporation organized and existing under the laws of the State of Missouri, subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that they being thereunto duly authorized signed, sealed with the corporate seal and delivered the said instrument as the free and voluntary act of said corporation and as their own free and voluntary acts for the uses and purposes therein set forth.




Michele Tripodi, Notary Public
My commission expires 07/31/2021

CERTIFICATION

I, Patrick K. Nails, Secretary of the Arch Insurance Company, do hereby certify that the attached Power of Attorney dated January 19, 2018 on behalf of the person(s) as listed above is a true and correct copy and that the same has been in full force and effect since the date thereof and is in full force and effect on the date of this certificate; and I do further certify that the said David M. Finkelstein, who executed the Power of Attorney as Executive Vice President, was on the date of execution of the attached Power of Attorney the duly elected Executive Vice President of the Arch Insurance Company.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the Arch Insurance Company on this 15th day of March, 2018.


Patrick K. Nails, Secretary

This Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein and they have no authority to bind the Company except in the manner and to the extent herein stated.

PLEASE SEND ALL CLAIM INQUIRIES RELATING TO THIS BOND TO THE FOLLOWING ADDRESS:

Arch Insurance – Surety Division
3 Parkway, Suite 1500
Philadelphia, PA 19102



**AIA®****Document G706A™ – 1994****Contractor's Affidavit of Release of Liens****PROJECT:** *(Name and address)***ARCHITECT'S PROJECT NUMBER:**OWNER ☐**Comprehensive Water Improvements - CONTRACT FOR:
Phase III Mobile and Bouie Streets Area****Construction**ARCHITECT ☐CONTRACTOR ☐**TO OWNER:** *(Name and address)***CONTRACT DATED:****August 2015**SURETY ☐**City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39401**OTHER ☐**STATE OF:** **Mississippi****COUNTY OF:** **Lamar**

The undersigned hereby certifies that to the best of the undersigned's knowledge, information and belief, except as listed below, the Releases or Waivers of Lien attached hereto include the Contractor, all Subcontractors, all suppliers of materials and equipment, and all performers of Work, labor or services who have or may have liens or encumbrances or the right to assert liens or encumbrances against any property of the Owner arising in any manner out of the performance of the Contract referenced above.

EXCEPTIONS:**"NONE"****SUPPORTING DOCUMENTS ATTACHED HERETO:**

1. Contractor's Release or Waiver of Liens, conditional upon receipt of final payment.
2. Separate Releases or Waivers of Liens from Subcontractors and material and equipment suppliers, to the extent required by the Owner, accompanied by a list thereof.

CONTRACTOR: *(Name and address)***T. L. Wallace Construction, Inc.
4025 Hwy 35 North
Columbia, MS 39429****BY:**

[Signature]
(Signature of authorized representative)

Dorey Reagan, Vice President*(Printed name and title)***NOTARY PUBLIC
ID No. 19360**Subscribed and sworn to before me on this date: **3-20-18**

Notary Public:

**STATE OF MISSISSIPPI
MARION COUNTY**

My Commission Expires:

April 29, 2020

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

AIA Document G706A™ – 1994 Instructions

Contractor's Affidavit of Release of Liens

GENERAL INFORMATION

Purpose. This document is intended for use as companion to AIA Document G706™, Contractor's Affidavit of Payment of Debts and Claims.

Related Documents. This document may be used with most of AIA's Owner-Contractor agreements and general conditions, such as A201 and its related family of documents. As noted above, this is a companion document to AIA Document G706.

Use of Current Documents. Prior to using any AIA document, the user should consult the AIA, an AIA component chapter or a current AIA documents list to determine the current edition of each document.

Reproductions. This document is a copyrighted work and may not be reproduced or excerpted from without the express written permission of the AIA. There is no implied permission to reproduce this document, nor does membership in The American Institute of Architects confer any further rights to reproduce this document.

The AIA hereby grants the purchaser a limited license to reproduce a maximum of ten copies of a completed AIA Document G706A™, but only for use in connection with a particular project. The AIA will not permit reproduction outside of the limited license for reproduction granted above, except upon written request and receipt of written permission from the AIA.

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To report copyright violations of AIA Contract Documents, e-mail The American Institute of Architects' legal counsel, copyright@aia.org.

CHANGES FROM THE PREVIOUS EDITION

A cross reference to AIA Document A201 has been deleted to permit the use of G706A with other families of AIA documents, including construction management, interiors and design/build.

COMPLETING G706A-1994

General. The Owner-Contractor Agreement is the usual source of required information such as the contract date and the names and addresses of the Owner, Project and Contractor.

Architect's Project No. This information is typically supplied by the Architect and entered on the form by the Contractor.

Contract For. This refers to the scope of the contract, such as "General Construction" or "Mechanical Work."

Affidavit. Indicate the state and county where the Affidavit is made. This is not necessarily the same location as the Project, but should be the location where the notary is authorized to administer sworn oaths. If there are any EXCEPTIONS to the statement, these should be listed in the space provided; otherwise enter as "None." It may be a stipulation of the Contract Documents that the Owner has the right to require the Contractor to furnish a bond to cover each exception listed on the Affidavit.

Supporting Documents. The AIA does not publish a "Release or Waiver of Liens" for contractors or subcontractors because of the great diversity of releases or waivers permitted by various state mechanics lien laws. Forms for such purposes may be available from local contractors' associations or may be written with the assistance of legal counsel.

EXECUTING G706A-1994

The Notary Public should administer a sworn oath to the Contractor in reference to the written statements appearing on G706A, and should duly sign and seal this document containing the Contractor's signature. G706A should be signed by the Contractor or the Contractor's authorized representative.



AIA[®] Document G706[™] – 1994

Contractor's Affidavit of Payment of Debts and Claims

PROJECT: (Name and address)

ARCHITECT'S PROJECT NUMBER:

OWNER ☐

**Comprehensive Water Improvements - CONTRACT FOR:
Phase III Mobile and Bouie Streets Area**

Construction

ARCHITECT ☐

CONTRACTOR ☐

TO OWNER: (Name and address)

CONTRACT DATED:

August 2015

SURETY ☐

**City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39401**

OTHER ☐

STATE OF: **Mississippi**

COUNTY OF: **Lamar**

The undersigned hereby certifies that, except as listed below, payment has been made in full and all obligations have otherwise been satisfied for all materials and equipment furnished, for all work, labor, and services performed, and for all known indebtedness and claims against the Contractor for damages arising in any manner in connection with the performance of the Contract referenced above for which the Owner or Owner's property might in any way be held responsible or encumbered.

EXCEPTIONS:

"NONE"

SUPPORTING DOCUMENTS ATTACHED HERETO:

1. Consent of Surety to Final Payment. Whenever Surety is involved, Consent of Surety is required. AIA Document G707[™], Consent of Surety to Final Payment, may be used for this purpose.

Indicate attachment: ☐ Yes ☐ No

The following supporting documents should be attached hereto if required by the Owner:

1. Contractor's Release or Waiver of Liens, conditional upon receipt of final payment
2. Separate Releases or Waivers of Liens from Subcontractors and material and equipment suppliers, to the extent required by the Owner, accompanied by a list thereof
3. Contractor's Affidavit of Release of Liens (AIA Document G706A[™])

CONTRACTOR: (Name and address)

**T. L. Wallace Construction, Inc.
4025 Hwy 35 North
Columbia, MS 39429**

BY:

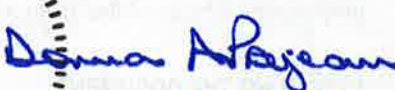

(Signature of authorized representative)

Joey Reagan, Vice President
(Printed name and title)

Subscribed and sworn to before me on this date:

3-20-18

Notary Public:
My Commission Expires:



My Commission Expires:

April 29, 2020

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.



AIA Document G706™ – 1994 Instructions

Contractor's Affidavit of Payment of Debts and Claims

GENERAL INFORMATION

Purpose. AIA Document G706™ is intended for use when the Contractor is required to provide a sworn statement verifying that debts and claims have been settled, except for those listed by the Contractor under "EXCEPTIONS" in the document. AIA Document G706 is typically executed as a condition of final payment.

Related Documents. This document may be used with most of the AIA's Owner-Contractor agreements and general conditions, such as AIA Document A201™ and its related family of documents. G706 also requires the attachment of several supporting documents, including AIA Documents G706A™, Contractor's Affidavit of Release of Liens, and G707™, Consent of Surety to Reduction in or Release of Retainage.

Use of Current Documents. Prior to using any AIA Contract Document, users should consult the AIA, an AIA component chapter or a current AIA Documents List to determine the current edition of each document.

Reproductions. This document is a copyrighted work and may not be reproduced or excerpted from without the express written permission of the AIA. There is no implied permission to reproduce this document, nor does membership in The American Institute of Architects confer any further rights to reproduce this document.

The AIA hereby grants the purchaser a limited license to reproduce a maximum of ten copies of a completed G706, but only for use in connection with a particular project. The AIA will not permit reproduction outside of the limited license for reproduction granted above, except upon written request and receipt of written permission from the AIA.

Rights to reproduce the document may vary for users of AIA software. Licensed AIA software users should consult the End User License Agreement (EULA).

To report copyright violations of AIA Contract Documents, e-mail The American Institute of Architects' legal counsel, copyright@aia.org.

CHANGES FROM THE PREVIOUS EDITION

A cross-reference to AIA Document A201 has been deleted to permit the use of G706 with other families of AIA documents, including Construction Management, Interiors and Design-Build.

COMPLETING G706

General. The Owner-Contractor Agreement is the usual source of required information such as the contract date and the names and addresses of the Owner, Project and Contractor.

Architect's Project No. This information is typically supplied by the Architect and entered on the form by the Contractor.

Contract For. This refers to the scope of the contract, such as General Construction or Mechanical Work.

Affidavit. Indicate the state and county where the Affidavit is made. This is not necessarily the same location as the Project, but should be the location where the notary is authorized to administer sworn oaths. If there are any EXCEPTIONS to the statement, these should be listed in the space provided; otherwise enter as "None." It may be a stipulation of the Contract Documents that the Owner has the right to require the Contractor to furnish a bond to cover each exception listed on the Affidavit.

Supporting Documents. The AIA documents listed as attachments to the G706 form should be of the same (current) edition date as G706. The AIA does not publish a "Release or Waiver of Liens" for contractors or subcontractors because of the great diversity of releases or waivers permitted by various state mechanics lien laws. Forms for such purposes may be available from local contractors' associations or may be written with the assistance of legal counsel.

EXECUTING THE DOCUMENT

The Notary Public should administer a sworn oath to the Contractor referencing the written statements appearing on AIA Document G706, and should sign and seal this document containing the Contractor's signature. G706 should be signed by the Contractor or the Contractor's authorized representative.

4025 Hwy 35 N
Columbia, MS 39429



(601) 736-4525 Office
(601) 736-3401 Fax

March 20, 2018

Shows, Dearman & Waits, Inc.
Attention: Kyle Wallace, P.E.
301 2nd Ave.
Hattiesburg, MS 30401

Re: City of Hattiesburg
Comprehensive Water Improvements Ph. III
Forrest County, Mississippi

Gentleman,

We hereby guarantee all work performed by us on the above referenced Project to be free from defective materials and workmanship for a period of one (1) year or such longer period of time as may be called for in the Contract Documents for such portions of the work.

Very truly yours,

T.L. WALLACE CONSTRUCTION, INC.

A handwritten signature in blue ink, appearing to read 'Hunter Dunaway', is written over the company name.

Hunter Dunaway
Project Manager

**COMPREHENSIVE WATER IMPROVEMENTS PHASE III
CITY OF HATTIESBURG**

SUPPLEMENTAL AGREEMENT NO. 1

CITY OF HATTIESBURG

WHEREAS, We, T.L. Wallace Construction, Inc. Contractor and Arch Insurance Company, Surety entered into a contract with the City of Hattiesburg on the 4th Day of August 2015 for Comprehensive Water Improvements Phase III.

WHEREAS: It is proposed that the following item be added to the contract documents to complete the loop of the water line along Scott Street:

Site 4	Item 38	Site Investigation, 3 days, includes asphalt removal, sand fill material and crushed limestone 610 temporary surface	LS	1	\$6,720.00	\$6,720.00
Site 4	Item 39	Removing existing 6" waterline	LF	28	\$53.00	\$1,484.00
Site 4	Item 40	Install 6" CL 350 DI Pipe (Open Cut)	LF	77	\$53.00	\$4,081.00

WHEREAS: It is proposed that the following item be added to the contract documents due to conflicting storm drain along Heiddle Street:

Site 4	Item 41	6" HDPE bore under storm drains	LS	1	\$2,500.00	\$2,500.00
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WHEREAS: It is proposed that the following item be added to the contract documents due to unusual position of the resident water meter:

Site 4	Item 42	¾ in SVS tubing (Open Cut)	LF	125	\$10.00	\$1,250.00
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WHEREAS: It is proposed that the following item be added to the contract documents due to unforeseen elevations in underground utilities:

Site 4	Item 43	Install 12" risers on 3-way fire hydrant	EA	7	\$690.00	\$4,830.00
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WHEREAS: It is proposed that the following items be added to the contract documents due to residents on Atlanta Street, North of 10th Street need to be connected to proposed water line:

Site 5	Item 23	Connection: Proposed 8" water line to existing 2" water line	LS	1	\$2,750.00	\$2,750.00
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WHEREAS: It is proposed that the following item be added to the contract documents to properly connect proposed 6" line to existing 4" line on River Street:

Site 7	Item 31	Lower elevation on existing 4" line along River Street	LS	1	\$2,450.00	\$2,450.00
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WHEREAS: It is proposed that the following item be added to the contract documents and completed as directed by the City of Hattiesburg:

Site 7	Item 32	Complete	LS	1	\$2,450.00	\$2,450.00
		Cutting/moving fire hydrant on 8 th Street				

WHEREAS: It is proposed that the following item be added to the contract documents as directed by the City of Hattiesburg:

Site 8	Item 17	Complete cutting/moving fire hydrant thirty feet	LS	1	\$750.00	\$750.00
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WHEREAS: It is proposed that the following item be added to the contract documents due to poor condition of existing service lines along 5th and 6th Street:

Site 8	Item 18	LS	1	\$880.58	\$880.58
	Repair leaks to Existing water mains/service mains along 5 th and 6 th Streets				

WHEREAS: It is proposed that the following item be added to the contract documents due to unforeseen elevations in underground utilities:

Site 10	Item 27	Install 6" risers on 3-way fire hydrant	EA	2	595.00	\$1,190.00
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Total Supplemental Agreement No. 1

\$31,335.58

WHEREAS: The attached Overrun/Underrun statement is included as a part of this change as a result of minor items during construction.

Total of Underrun

\$258,186.64

This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, T.L. Wallace Construction, Inc., Contractor and Arch Insurance Company, Surety, hereby agree that said Supplemental Agreement is hereby made a part of the Original Contract to be performed under the specifications thereof, and that the Original Contract is in full force and effect, except insofar as it might be modified by this Supplement Agreement.

DATED, this 20th day of March, 2018

T.L. Wallace Construction, Inc.

Arch Insurance Company

By: Kerry Haag
Contractor

By: Kathleen S. Beaulac
Surety Attorney-in-Fact

Witness: Archie DeLong

Witness: Dolbie Delaway

City of Hattiesburg

By: _____
Owner

Witness: _____

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON BLUE BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for Note, Loan, Letter of Credit, Currency Rate, Interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:

That the Arch Insurance Company, a corporation organized and existing under the laws of the State of Missouri, having its principal administrative office in Jersey City, New Jersey (hereinafter referred to as the "Company") does hereby appoint:

Andrew P. Underwood, Dewey E. Brashier, Jim E. Brashier, Kathleen B. Scarborough, Loren R. Howell, Jr., Susan Skrmetta and Troy P. Wagener of Biloxi, MS (EACH)

Kimberly B. Barthum, David Robin Fortenberry, Mary Jones Norval and Richard Teb Jones of Hattiesburg, MS (EACH)

John B. Sneed, Joseph R. Beattie, Lisa R. Butler and Patrick T. Mascn of Gulfport, MS (EACH)

its true and lawful Attorney(s) in Fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf as surety, and as its act and deed:

Any and all bonds, undertakings, recognizances and other surety obligations, in the penal sum not exceeding Ninety Million Dollars (\$90,000,000.00).

This authority does not permit the same obligation to be split into two or more bonds in order to bring each such bond within the dollar limit of authority as set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents shall be as binding upon the said Company as fully and amply to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on September 15, 2011, true and accurate copies of which are hereinafter set forth and are hereby certified to by the undersigned Secretary as being in full force and effect:

"VOTED, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys-in-fact, and to authorize them subject to the limitations set forth in their respective powers of attorney, to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances and other surety obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of process."

This Power of Attorney is signed, sealed and certified by facsimile under and by authority of the following resolution adopted by the unanimous consent of the Board of Directors of the Company on September 15, 2011:

VOTED, That the signature of the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, and the signature of the Secretary, the seal of the Company, and certifications by the Secretary, may be affixed by facsimile on any power of attorney or bond executed pursuant to the resolution adopted by the Board of Directors on September 15, 2011, and any such power so executed, sealed and certified with respect to any bond or undertaking to which it is attached, shall continue to be valid and binding upon the Company.

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Page 1 of 2

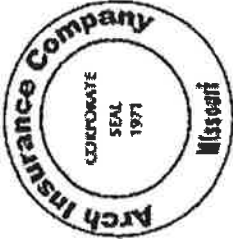
Printed in U.S.A.

In Testimony Whereof, the Company has caused this instrument to be signed and its corporate seal to be affixed by their authorized officers, this 19th day of January, 2018.

Attested and Certified

Arch Insurance Company

Patrick K. Nails
Patrick K. Nails, Secretary



David M. Finkelstein
David M. Finkelstein, Executive Vice President

STATE OF PENNSYLVANIA SS

COUNTY OF PHILADELPHIA SS

I, Michele Tripodi, a Notary Public, do hereby certify that Patrick K. Nails and David M. Finkelstein personally known to me to be the same persons whose names are respectively as Secretary and Executive Vice President of the Arch Insurance Company, a Corporation organized and existing under the laws of the State of Missouri, subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that they being thereunto duly authorized signed, sealed with the corporate seal and delivered the said instrument as the free and voluntary act of said corporation and as their own free and voluntary acts for the uses and purposes therein set forth.



Michele Tripodi
Michele Tripodi, Notary Public
My commission expires 07/31/2021

CERTIFICATION

I, Patrick K. Nails, Secretary of the Arch Insurance Company, do hereby certify that the attached Power of Attorney dated January 19, 2018 on behalf of the person(s) as listed above is a true and correct copy and that the same has been in full force and effect since the date thereof and is in full force and effect on the date of this certificate; and I do further certify that the said David M. Finkelstein, who executed the Power of Attorney as Executive Vice President, was on the date of execution of the attached Power of Attorney the duly elected Executive Vice President of the Arch Insurance Company.

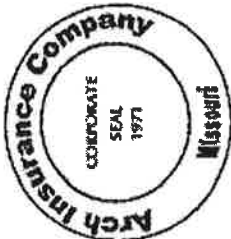
IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the Arch Insurance Company on this 20th day of March, 20 18.

Patrick K. Nails
Patrick K. Nails, Secretary

This Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein and they have no authority to bind the Company except in the manner and to the extent herein stated.

PLEASE SEND ALL CLAIM INQUIRIES RELATING TO THIS BOND TO THE FOLLOWING ADDRESS:

Arch Insurance – Surety Division
3 Parkway, Suite 1500
Philadelphia, PA 19102



ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
Site 1 - Columbia, Eupora, Lake, Phillips & W 5 th Streets									
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	40	25		15	\$15.00	\$ -	\$ 225.00
Adjustment required to match existing field conditions									
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	1310	1327		17	\$23.00	\$ 391.00	\$ -
Adjustment required to match existing field conditions									
3	8" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	920	902		18	\$25.00	\$ -	\$ 450.00
Adjustment required to match existing field conditions									
4	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$2,500.00	\$ -	\$ -
No Change									
5	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	Each	1	1			\$1,600.00	\$ -	\$ -
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
6	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	Each	1	1			\$1,500.00	\$ -	-
No Change									
7	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	Each	3	3			\$1,900.00	\$ -	-
No Change									
8	Connection: Proposed 6" Water Line to Existing 2" Water Line (Tee & other fittings)	Each	1	1			\$1,200.00	\$ -	-
No Change									
9	2" Gate Valve	Each	1	2	1		\$550.00	\$ 550.00	-
Adjustment required to match existing field conditions									
10	6" Gate Valve	Each	2	2			\$775.00	\$ -	-
No Change									
11	8" Gate Valve	Each	1	1			\$1,100.00	\$ -	-
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
12	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	4	4			\$3,325.00	\$ -	-
No Change									
13	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	215	127		88	\$24.00	\$ -	2,112.00
Adjustment required to match existing field conditions									
14	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	21	22	1		\$285.00	\$ 285.00	-
Adjustment required to match existing field conditions									
15	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	Each	1	2	1		\$430.00	\$ 430.00	-
Adjustment required to match existing field conditions									
16	Concrete Pavement Repair (All Depths)	SY	115	79.70		35.3	\$120.00	\$ -	4,236.00
Adjustment required to match existing field conditions									
17	Asphalt Pavement Repair (All Depths)	SY	500	281.50		218.5	\$88.00	\$ -	19,228.00
Adjustment required to match existing field conditions									
Adjustment required to match existing field conditions									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
18	Concrete Curb & Gutter Repair (All Types)	LF	166	0		166	\$35.00	\$	5,810.00
Adjustment required to match existing field conditions									
19	Concrete Sidewalk Repair	SY	17	18.30	1.3		\$130.00	\$ 169.00	-
Adjustment required to match existing field conditions									
20	Temporary Erosion Control	Lump Sum	1	1			\$2,400.00	\$ -	-
No Change									
21	Grassing	Lump Sum	1	1			\$800.00	\$ -	-
No Change									
22	Mobilization	Lump Sum	1	1			\$17,000.00	\$ -	-
Adjustment required to match existing field conditions									
23	Maintenance of Traffic	Lump Sum	1	1			\$2,400.00	\$ -	-
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
Site 2 - Montague Street									
1	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	8		12	\$40.00	\$	480.00
Adjustment required to match existing field conditions									
2	8" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	650	636		14	\$26.00	\$	364.00
Adjustment required to match existing field conditions									
Adjustment required to match existing field conditions									
3	Connection: Proposed 8" Water Line to Existing 20" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$8,550.00	\$	-
No Change									
4	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	Each	1	1			\$1,500.00	\$	-
No Change									
5	6" Gate Valve	Each	2	2			\$775.00	\$	-
No Change									
6	8" Gate Valve	Each	1	1			\$1,100.00	\$	-
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
7	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	1	1			\$3,325.00	\$ -	\$ -
No Change									
8	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	180	168		12	\$24.00	\$ -	\$ 288.00
Adjustment required to match existing field conditions									
9	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	15	15			\$285.00	\$ -	\$ -
No Change									
10	Concrete Pavement Repair (All Depths)	SY	38	19.73		18.27	\$124.00	\$ -	\$ 2,265.48
Adjustment required to match existing field conditions									
11	Asphalt Pavement Repair (All Depths)	SY	92	40.20		51.8	\$95.00	\$ -	\$ 4,921.00
Adjustment required to match existing field conditions									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
12	Concrete Curb & Gutter Repair (All Types)	LF	25	41	16		\$52.00	\$ 832.00	-
Adjustment required to match existing field conditions									
13	Temporary Erosion Control	Lump Sum	1	1			\$750.00	\$ -	-
No Change									
14	Grassing	Lump Sum	1	1			\$800.00	\$ -	-
No Change									
15	Mobilization	Lump Sum	1	1			\$4,000.00	\$ -	-
No Change									
16	Maintenance of Traffic	Lump Sum	1	1			\$900.00	\$ -	-
No Change									
Site 3 - McLaurin Street									
1	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	660	638		22	\$23.00	\$ -	506.00
Adjustment required to match existing field conditions									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
2	Connection: Proposed 6" Water Line to Existing 20" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$8,550.00	\$ -	-
No Change									
3	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$1,900.00	\$ -	-
No Change									
4	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	1	1			\$3,325.00	\$ -	-
No Change									
5	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	70	40		30	\$24.00	\$ -	720.00
Adjustment required to match existing field conditions									
6	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	3	3			\$285.00	\$ -	-
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
7	Concrete Pavement Repair (All Depths)	SY	20	21	1		\$124.00	\$ 124.00	-
Adjustment required to match existing field conditions									
8	Asphalt Pavement Repair (All Depths)	SY	35	50.65	15.65		\$95.00	\$ 1,486.75	-
Adjustment required to match existing field conditions									
9	Concrete Curb & Gutter Repair (All Types)	LF	40	0		40	\$63.00	\$ -	2,520.00
Not required on project									
10	Concrete Sidewalk Repair	SY	2	3.80	1.8		\$150.00	\$ 270.00	-
Adjustment required to match existing field conditions									
11	Temporary Erosion Control	Lump Sum	1	1			\$750.00	\$ -	-
No Change									
12	Grassing	Lump Sum	1	1			\$800.00	\$ -	-
No Change									
13	Mobilization	Lump Sum	1	1			\$4,000.00	\$ -	-
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
14	Maintenance of Traffic	Lump Sum	1	1			\$900.00	\$ -	-
No Change									
Site 4 - E 9th, Coit, E 10th, Lula, Inez, Allen, Gravel, Heidle & Kinnard St's									
1	1" Sch 80 PVC (Open Cut)	LF	10	0		10	\$15.00	\$ -	150.00
Not required on project									
2	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	30	10		\$20.00	\$ 200.00	-
Adjustment required to match existing field conditions									
3	4" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	2		18	\$30.00	\$ -	540.00
Adjustment required to match existing field conditions									
4	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	3670	3544.43		125.57	\$23.00	\$ -	2,888.11
Adjustment required to match existing field conditions									
5	8" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	2875	2972	97		\$26.00	\$ 2,522.00	-
Adjustment required to match existing field conditions									
6	12" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	1030	1007		23	\$45.00	\$ -	1,035.00
Adjustment required to match existing field conditions									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
7	16" 200 PSI, DR9, HDPE (Open Cut) (incl. adapter fittings)	LF	100	100			\$87.00	\$	-
No Change									
8	20" Steel Casing, 0.25" WT (Bored)	LF	80	80			\$138.00	\$	-
No Change									
9	Connection: Proposed 12" Water Line to Proposed 8" & 6" Water Lines (Cross & other fittings)	Each	1	1			\$2,200.00	\$	-
No Change									
10	Connection: Proposed 12" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	Each	2	2			\$3,950.00	\$	-
No Change									
11	Connection: Proposed 8" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$2,550.00	\$	-
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
12	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	Each	1	1			\$2,000.00	\$ -	-
No Change									
13	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	Each	1	0		1	\$1,600.00	\$ -	1,600.00
Not required on project									
14	Connection: Proposed 8" Water Line to Existing 4" Water Line (Tee & other fittings)	Each	1	1			\$1,400.00	\$ -	-
No Change									
15	Connection: Proposed 8" Water Line to Proposed 6" Water Line (Tee & other fittings)	Each	3	3			\$1,800.00	\$ -	-
No Change									
16	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	Each	1	0		1	\$1,400.00	\$ -	1,400.00
Not required on project									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
17	Connection: Proposed 6" Water Line to Existing 6" Water Line (Cross & other fittings)	Each	1	1			\$1,500.00	\$ -	-
No Change									
18	Connection: Proposed 6" Water Line to Existing 6" Water Line (Tee & other fittings)	Each	3	2		1	\$1,600.00	\$ -	1,600.00
Adjustment required to match existing field conditions									
19	Connection: Proposed 6" Water Line to Existing 1" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$375.00	\$ -	-
No Change									
20	Connection: Proposed 4" Water Line to Existing 2" Water Line (Straight Connection & other fittings)	Each	1	1			\$275.00	\$ -	-
No Change									
21	4" Gate Valve	Each	1	1			\$700.00	\$ -	-
No Change									
22	6" Gate Valve	Each	18	14		4	\$775.00	\$ -	3,100.00
Adjustment required to match existing field conditions									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
23	8" Gate Valve	Each	11	11			\$1,100.00	\$ -	-
No Change									
24	12" Gate Valve	Each	4	4			\$2,000.00	\$ -	-
No Change									
25	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	18	18			\$3,325.00	\$ -	-
No Change									
26	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	1240	1015		225	\$24.00	\$ -	5,400.00
Adjustment required to match existing field conditions									
27	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	56	59	3		\$275.00	\$ 825.00	-
Adjustment required to match existing field conditions									
28	Commercial Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	2	0		2	\$1,000.00	\$ -	2,000.00
Adjustment required to match existing field conditions									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
29	Residential Meter (Inch: Meter, Meter Box, City Fees, etc)	Each	6	2		4	\$433.00	\$ -	\$ 1,732.00
Adjustment required to match existing field conditions									
30	Removal of Fire Hydrant and Appurtenances	Each	2	2			\$250.00	\$ -	\$ -
No Change									
31	Concrete Paved Ditch	CY	4	2.60		1.4	\$675.00	\$ -	\$ 945.00
Adjustment required to match existing field conditions									
32	Concrete Pavement Repair (All Depths)	SY	78	51.10		26.9	\$115.00	\$ -	\$ 3,093.50
Adjustment required to match existing field conditions									
33	Asphalt Pavement Repair (All Depths)	SY	954	540.17		413.83	\$86.00	\$ -	\$ 35,589.38
Adjustment required to match existing field conditions									
34	Concrete Sidewalk Repair	SY	26	7.20		18.8	\$130.00	\$ -	\$ 2,444.00
Adjustment required to match existing field conditions									
35	Temporary Erosion Control	Lump Sum	1	1			\$5,500.00	\$ -	\$ -
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
36	Grassing	Lump Sum	1	1			\$2,500.00	\$ -	-
No Change									
37	Mobilization	Lump Sum	1	1			\$37,000.00	\$ -	-
No Change									
SA 38	Site Investigation, 3 days, includes asphalt removal, sand fill material and crushed limestone 610 temporary surface	Lump Sum	1	1			\$6,720.00	\$ -	-
Added Per Supplemental Agreement No. 1									
SA 39	Removing Existing 6" Waterline	LF	28	28			\$53.00	\$ -	-
Added Per Supplemental Agreement No. 1									
SA 40	Install 6" CL 350 DI Pipe (Open Cut)	LF	77	77			\$53.00	\$ -	-
Added Per Supplemental Agreement No. 1									
SA 41	6" HDPE Bore Under Storm Drains	Lump Sum	1	1			\$2,500.00	\$ -	-
Added Per Supplemental Agreement No. 1									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
SA 42	3/4 In. SVS Tubing (Open Cut)	LF	125	125			\$10.00	\$ -	\$ -
Added Per Supplemental Agreement No. 1									
SA 43	Install 12" Risers on 3-Way Fire Hydrant	Each	7	7			\$690.00	\$ -	\$ -
Added Per Supplemental Agreement No. 1									
Site 5 - Atlanta Street									
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	0		20	\$20.00	\$ -	\$ 400.00
Not required on project									
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	8		12	\$30.00	\$ -	\$ 360.00
Adjustment required to match existing field conditions									
3	8" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	1410	1406		4	\$26.00	\$ -	\$ 104.00
Adjustment required to match existing field conditions									
4	Connection: Proposed 8" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$2,600.00	\$ -	\$ -
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
5	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$2,600.00	\$ -	-
No Change									
6	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	Each	1	1			\$1,800.00	\$ -	-
No Change									
7	Connection: Proposed 8" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	Each	2	0		2	\$700.00	\$ -	1,400.00
Not required on project									
8	6" Gate Valve	Each	2	2			\$775.00	\$ -	-
No Change									
9	8" Gate Valve	Each	2	2			\$1,100.00	\$ -	-
No Change									
10	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	3	3			\$3,225.00	\$ -	-
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
11	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	640	444		196	\$24.00	\$ -	4,704.00
Adjustment required to match existing field conditions									
12	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	25	27	2		\$290.00	\$ 580.00	-
Adjustment required to match existing field conditions									
13	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	Each	1	0		1	\$435.00	\$ -	435.00
Not required on project									
14	Removal of Fire Hydrant and Appurtenances	Each	1	1			\$250.00	\$ -	-
No Change									
15	Concrete Pavement Repair (All Depths)	SY	55	19		36	\$120.00	\$ -	4,320.00
Adjustment required to match existing field conditions									
16	Asphalt Pavement Repair (All Depths)	SY	233	226.65		6.35	\$88.00	\$ -	558.80
Adjustment required to match existing field conditions									
17	Concrete Curb & Gutter Repair (All Types)	LF	10	0		10	\$80.00	\$ -	800.00
Not required on project									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
18	Concrete Sidewalk Repair	SY	3	0		3	\$130.00	\$ -	390.00
Not required on project									
19	Temporary Erosion Control	Lump Sum	1	1			\$1,000.00	\$ -	-
No Change									
20	Grassing	Lump Sum	1	1			\$800.00	\$ -	-
No Change									
21	Mobilization	Lump Sum	1	1			\$7,300.00	\$ -	-
No Change									
22	Maintenance of Traffic	Lump Sum	1	1			\$1,800.00	\$ -	-
No Change									
Connection: Proposed 8" Water Line to existing 2" Water Line									
SA 23		Lump Sum	1	1			\$2,750.00	\$ -	-
Added Per Supplemental Agreement No. 1									
Site 6 - E 9th Street									
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	40	0		40	\$15.00	\$ -	600.00
Not required on project									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	0		20	\$30.00	\$	600.00
Not required on project									
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	920	887		33	\$22.00	\$	726.00
Adjustment required to match existing field conditions									
4	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	Each	2	2			\$1,900.00	\$	-
No Change									
5	Connection: Proposed 6" Water Line to Existing 4" Water Line (Tee & other fittings)	Each	1	0		1	\$1,300.00	\$	1,300.00
Not required on project									
6	Connection: Proposed 6" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	Each	2	2			\$650.00	\$	-
No Change									
7	4" Gate Valve	Each	1	1			\$700.00	\$	-
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
8	8" Gate Valve	Each	2	0		2	\$1,100.00	\$ -	2,200.00
Not required on project									
9	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	2	2			\$3,325.00	\$ -	-
No Change									
10	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	7	6		1	\$285.00	\$ -	285.00
Adjustment required to match existing field conditions									
11	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	Each	1	0		1	\$432.00	\$ -	432.00
Not required on project									
12	Concrete Pavement Repair (All Depths)	SY	11	0		11	\$127.00	\$ -	1,397.00
Not required on project									
13	Asphalt Pavement Repair (All Depths)	SY	355	160.56		194.44	\$87.00	\$ -	16,916.28
Adjustment required to match existing field conditions									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
14	Concrete Curb & Gutter Repair (All Types)	LF	10	0		10	\$85.00	\$ -	850.00
Not required on project									
15	Concrete Sidewalk Repair	SY	15	0		15	\$130.00	\$ -	1,950.00
Not required on project									
16	Temporary Erosion Control	Lump Sum	1	1			\$750.00	\$ -	-
No Change									
17	Grassing	Lump Sum	1	1			\$800.00	\$ -	-
No Change									
18	Mobilization	Lump Sum	1	1			\$5,000.00	\$ -	-
No Change									
19	Maintenance of Traffic	Lump Sum	1	1			\$1,800.00	\$ -	-
No Change									
Site 7 - Whitney, E 8th & E 10th Streets									
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	15		5	\$20.00	\$ -	100.00
Adjustment required to match existing field conditions									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	14		6	\$30.00	\$ -	180.00
Adjustment required to match existing field conditions									
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	1650	1629		21	\$22.00	\$ -	462.00
Adjustment required to match existing field conditions									
4	8" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	2325	2224		101	\$26.00	\$ -	2,626.00
Adjustment required to match existing field conditions									
5	Connection: Proposed 8" Water Line to Proposed 8" Water Line (Tee & other fittings)	Each	1	1			\$1,600.00	\$ -	-
No Change									
6	Connection: Proposed 8" Water Line to Proposed 6" Water Line (Tee & other fittings)	Each	1	1			\$1,600.00	\$ -	-
No Change									
7	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	Each	1	2		1	\$2,500.00	\$ 2,500.00	-
Adjustment required to match existing field conditions									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
8	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	Each	1	1			\$2,000.00	\$ -	-
No Change									
9	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	Each	2	0		2	\$1,900.00	\$ -	3,800.00
Not required on project									
10	Connection: Proposed 8" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$650.00	\$ -	-
No Change									
11	Connection: Proposed 8" Water Line to Existing 1" Water Line (Hot Tap w/ Valve Assembly)	Each	2	2			\$400.00	\$ -	-
No Change									
12	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	Each	1	4	3		\$1,900.00	\$ 5,700.00	-
Adjustment required to match existing field conditions									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
13	Connection: Proposed 6" Water Line to Existing 6" Water Line (Cross & other fittings)	Each	1	0		1	\$1,900.00	\$ -	\$ 1,900.00
Not required on project									
14	Connection: Proposed 6" Water Line to Existing 4" Water Line (Cross & other fittings)	Each	1	1			\$1,800.00	\$ -	\$ -
No Change									
15	4" Gate Valve	Each	2	2			\$700.00	\$ -	\$ -
No Change									
16	6" Gate Valve	Each	12	4		8	\$800.00	\$ -	\$ 6,400.00
Adjustment required to match existing field conditions									
17	8" Gate Valve	Each	7	5		2	\$1,100.00	\$ -	\$ 2,200.00
Adjustment required to match existing field conditions									
18	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	6	6			\$3,325.00	\$ -	\$ -
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
19	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	755	526		229	\$24.00	\$	5,496.00
Adjustment required to match existing field conditions									
20	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	40	36		4	\$290.00	\$	1,160.00
Adjustment required to match existing field conditions									
21	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	Each	1	0		1	\$432.00	\$	432.00
Not required on project									
22	Removal of Fire Hydrant and Appurtenances	Each	3	3			\$250.00	\$	-
No Change									
23	Concrete Pavement Repair (All Depths)	SY	155	7.5		147.5	\$115.00	\$	16,962.50
Adjustment required to match existing field conditions									
24	Asphalt Pavement Repair (All Depths)	SY	759	332.18		426.82	\$86.00	\$	36,706.52
Adjustment required to match existing field conditions									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
25	Concrete Curb & Gutter Repair (All Types)	LF	50	37		13	\$50.00	\$ -	\$ 650.00
Adjustment required to match existing field conditions									
26	Concrete Sidewalk Repair	SY	12	6.86		5.14	\$130.00	\$ -	\$ 668.20
Adjustment required to match existing field conditions									
27	Temporary Erosion Control	Lump Sum	1	1			\$5,900.00	\$ -	\$ -
No Change									
28	Grassing	Lump Sum	1	1			\$1,500.00	\$ -	\$ -
No Change									
29	Mobilization	Lump Sum	1	1			\$19,500.00	\$ -	\$ -
No Change									
30	Maintenance of Traffic	Lump Sum	1	1			\$2,350.00	\$ -	\$ -
No Change									
SA 31	Lower Elevation on Existing 4" Line Along River Street	Lump Sum	1	1			\$2,450.00	\$ -	\$ -
Added Per Supplemental Agreement No. 1									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
SA 32	Complete Cutting/Moving Fire Hydrant on 8th Street	Lump Sum	1	1			\$2,450.00	\$ -	-
Added Per Supplemental Agreement No. 1									
Site 8 - E 6th Street									
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	55	35		\$20.00	\$ 700.00	-
Adjustment required to match existing field conditions									
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	980	1004	24		\$23.00	\$ 552.00	-
Adjustment required to match existing field conditions									
3	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	Each	2	3	1		\$1,900.00	\$ 1,900.00	-
Adjustment required to match existing field conditions									
4	Connection: Proposed 6" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$650.00	\$ -	-
No Change									
5	6" Gate Valve	Each	2	2			\$800.00	\$ -	-
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
6	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	3	3			\$3,325.00	\$ -	-
No Change									
7	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	80	72		8	\$24.00	\$ -	192.00
Adjustment required to match existing field conditions									
8	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	7	6		1	\$285.00	\$ -	285.00
Adjustment required to match existing field conditions									
9	Concrete Pavement Repair (All Depths)	SY	44	19.74		24.26	\$122.00	\$ -	2,959.72
Adjustment required to match existing field conditions									
10	Asphalt Pavement Repair (All Depths)	SY	301	90.62		210.38	\$89.00	\$ -	18,723.82
Adjustment required to match existing field conditions									
11	Concrete Curb & Gutter Repair (All Types)	LF	20	3		17	\$65.00	\$ -	1,105.00
Adjustment required to match existing field conditions									
Adjustment required to match existing field conditions									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
12	Concrete Sidewalk Repair	SY	2	0		2	\$130.00	\$ -	260.00
Not required on project									
13	Temporary Erosion Control	Lump Sum	1	1			\$750.00	\$ -	-
No Change									
14	Grassing	Lump Sum	1	1			\$800.00	\$ -	-
No Change									
15	Mobilization	Lump Sum	1	1			\$5,400.00	\$ -	-
No Change									
16	Maintenance of Traffic	Lump Sum	1	1			\$900.00	\$ -	-
No Change									
SA 17	Complete Cutting/Moving Fire Hydrant Thirty Feet	Lump Sum	1	1			\$750.00	\$ -	-
Added Per Supplemental Agreement No. 1									
SA 18	Repair Leaks to Existing Water Mains/Service Mains Along 5th and 6th Streets	Lump Sum	1	1			\$880.58	\$ -	-
Added Per Supplemental Agreement No. 1									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
Site 9 - E 5th & Short E 5th Streets & Ferguson Alley									
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	10		10	\$20.00	\$ -	200.00
Adjustment required to match existing field conditions									
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	230	207		23	\$30.00	\$ -	690.00
Adjustment required to match existing field conditions									
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	1090	1062		28	\$23.00	\$ -	644.00
Adjustment required to match existing field conditions									
4	Connection: Proposed 6" Water Line to Proposed 6" & 4" Water Lines (Tee & other fittings)	Each	1	1			\$1,500.00	\$ -	-
No Change									
5	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	Each	2	2			\$1,900.00	\$ -	-
No Change									
6	Connection: Proposed 4" Water Line to Existing 2" Water Line (Straight Connection & other fittings)	Each	1	1			\$300.00	\$ -	-
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
7	4" Gate Valve	Each	1	1			\$700.00	\$ -	-
No Change									
8	6" Gate Valve	Each	1	1			\$800.00	\$ -	-
No Change									
9	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	4	4			\$3,325.00	\$ -	-
No Change									
10	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	60	128	68		\$24.00	\$ 1,632.00	\$ -
No Change									
11	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	9	5		4	\$285.00	\$ -	\$ 1,140.00
Adjustment required to match existing field conditions									
12	Removal of Fire Hydrant and Appurtenances	Each	1	1			\$250.00	\$ -	-
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
13	Concrete Pavement Repair (All Depths)	SY	13	18.1	5.1		\$150.00	\$ 765.00	-
Adjustment required to match existing field conditions									
14	Asphalt Pavement Repair (All Depths)	SY	460	496.17	36.17		\$88.00	\$ 3,182.96	-
Adjustment required to match existing field conditions									
15	Concrete Curb & Gutter Repair (All Types)	LF	20	28	8		\$65.00	\$ 520.00	-
Adjustment required to match existing field conditions									
16	Concrete Sidewalk Repair	SY	2	4	2		\$130.00	\$ 260.00	-
Adjustment required to match existing field conditions									
17	Temporary Erosion Control	Lump Sum	1	1			\$1,000.00	\$ -	-
No Change									
18	Grassing	Lump Sum	1	1			\$800.00	\$ -	-
No Change									
19	Mobilization	Lump Sum	1	1			\$7,000.00	\$ -	-
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
20	Maintenance of Traffic	Lump Sum	1	1			\$2,400.00	\$ -	-
No Change									
Site 10 - River, E 6th & E 5th Streets & Beta Avenue									
1	1" Sch 80 PVC (Open Cut)	LF	10	0		10	\$15.00	\$ -	150.00
Not required on project									
2	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	270	244		26	\$20.00	\$ -	520.00
Adjustment required to match existing field conditions									
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	2760	2504		256	\$23.00	\$ -	5,888.00
Adjustment required to match existing field conditions									
4	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	Each	1	1			\$1,300.00	\$ -	-
No Change									
5	Connection: Proposed 6" Water Line to Proposed 6" & 2" Water Lines (Tee & other fittings)	Each	1	1			\$1,400.00	\$ -	-
No Change									

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
24	Grassing	Lump Sum	1	1			\$1,500.00	-	-
No Change									
25	Mobilization	Lump Sum	1	1			\$15,000.00	-	-
No Change									
26	Maintenance of Traffic	Lump Sum	1	1			\$1,800.00	-	-
No Change									
SA 27 Install 6" Risers on 3-Way Fire Hydrant									
SA 27	Hydrant	Each	2	2			\$595.00	-	-
Added Per Supplemental Agreement No. 1									

\$ 26,472.71 \$ 284,659.35
PROJECT DECREASE \$ 258,186.64

Original Contract Amount \$ 1,722,687.00
Underun \$ 258,186.64
Supplemental Agreement No. 1 \$ 31,335.58
Final Contract Amount \$ 1,495,835.94

NOTICE OF FINAL SETTLEMENT

NOTICE is hereby given that the contract between the City of Hattiesburg, Mississippi, as Owner and T. L. Wallace Construction, Inc. dated August 4, 2015, for the Comprehensive Water Improvements Phase III Project, as per approved plans and specification on file in the City Clerk's Office, has been fully and completely performed and exercised, and that final settlement thereof and thereunder will be made.

THIS NOTICE is given pursuant to and under the terms and provisions of Section 31-5-53, Mississippi Code of 1972, annotated as amended and pursuant to the authority conferred by Order of the Mayor and City Council of Hattiesburg, Mississippi, appearing for record upon and as part of the official minutes of said City of Hattiesburg.

WITNESS my signature and the official seal of said City, on this the 17th day of April, 2018,
A.D.

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
CITY CLERK

(S E A L)

Publish (1) Thursday, April 19, 2018
Return PROOF to City Clerk's Office
P O Box 1898
Hattiesburg, MS 39403

Item No.	Item Description	Total Quantities			Unit	Unit	
		Quantity	Allowed This Period	Allowed To Date		Price	Amount
		On Contract					
CONTRACT TOTAL:						\$1,722,687.00	
Site 1 - Columbia, Eupora, Lake, Phillipps & W 5 th Streets						\$182,725.00	
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	40		25.00	LF	\$ 15.00	\$ 375.00
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	1,310		1327.00	LF	\$ 23.00	\$ 30,521.00
3	8" Class 350 Ductile Iron Water Pipe (Open Cut)	920		902.00	LF	\$ 25.00	\$ 22,550.00
	Connection Items						
4	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 2,500.00	\$ 2,500.00
5	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,600.00	\$ 1,600.00
6	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
7	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	3		3.00	Each	\$ 1,900.00	\$ 5,700.00
8	Connection: Proposed 6" Water Line to Existing 2" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,200.00	\$ 1,200.00
	Valve and Hydrant Items						
9	2" Gate Valve	1		2.00	Each	\$ 550.00	\$ 1,100.00
10	6" Gate Valve	2		2.00	Each	\$ 775.00	\$ 1,550.00
11	8" Gate Valve	1		1.00	Each	\$ 1,100.00	\$ 1,100.00
12	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	4		4.00	Each	\$ 3,325.00	\$ 13,300.00
	Water Service Items						
13	Service Tubing (Bored) (Size Varies to 1 1/2")	215		127.00	LF	\$ 24.00	\$ 3,048.00
14	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	21		22.00	Each	\$ 285.00	\$ 6,270.00
15	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1		2.00	Each	\$ 430.00	\$ 860.00
	Miscellaneous Construction Items						
16	Concrete Pavement Repair (All Depths)	115		79.70	SY	\$ 120.00	\$ 9,564.00
17	Asphalt Pavement Repair (All Depths)	500		281.50	SY	\$ 88.00	\$ 24,772.00
18	Concrete Curb & Gutter Repair (All Types)	166		0.00	LF	\$ 35.00	\$0.00
19	Concrete Sidewalk Repair	17		18.30	SY	\$ 130.00	\$ 2,379.00
20	Temporary Erosion Control	1		1.00	LS	\$ 2,400.00	\$ 2,400.00
21	Grassing	1		1.00	LS	\$ 800.00	\$ 800.00
22	Mobilization	1		1.00	LS	\$ 17,000.00	\$ 17,000.00
23	Maintenance of Traffic	1		1.00	LS	\$ 2,400.00	\$ 2,400.00
						Sub-total	\$ 152,489.00
	Site 2 - Montague Street						
	Water Pipe Items						
1	6" Class 350 Ductile Iron Water Pipe (Open Cut)	20		8.00	LF	\$ 40.00	\$ 320.00
2	8" Class 350 Ductile Iron Water Pipe (Open Cut)	650		636.00	LF	\$ 26.00	\$ 16,536.00
	Connection Items						
3	Connection: Proposed 8" Water Line to Existing 20" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 8,550.00	\$ 8,550.00
4	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
	Valve and Hydrant Items						

Item No.	Item Description	Total Quantities			Unit	Unit	
		Quantity On Contract	Allowed This Period	Allowed To Date		Price	Amount
5	6" Gate Valve	2		2.00	Each	\$ 775.00	\$ 1,550.00
6	8" Gate Valve	1		1.00	Each	\$ 1,100.00	\$ 1,100.00
7	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	1		1.00	Each	\$ 3,325.00	\$ 3,325.00
	Water Service Items						
8	Service Tubing (Bored) (Size Varies to 1 1/2")	180		168.00	LF	\$ 24.00	\$ 4,032.00
9	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	15		15.00	Each	\$ 285.00	\$ 4,275.00
	Miscellaneous Construction Items						
10	Concrete Pavement Repair (All Depths)	38		19.73	SY	\$ 124.00	\$ 2,446.52
11	Asphalt Pavement Repair (All Depths)	92	15.00	40.20	SY	\$ 95.00	\$ 3,819.00
12	Concrete Curb & Gutter Repair (All Types)	25		41.00	LF	\$ 52.00	\$ 2,132.00
13	Temporary Erosion Control	1	0.05	1.00	LS	\$ 750.00	\$ 750.00
14	Grassing	1		1.00	LS	\$ 800.00	\$ 800.00
15	Mobilization	1		1.00	LS	\$ 4,000.00	\$ 4,000.00
16	Maintenance of Traffic	1	0.05	1.00	LS	\$ 900.00	\$ 900.00
						Sub-total	\$ 56,035.52
	Site 3 - McLaurin Street						
	Water Pipe Items						
1	6" Class 350 Ductile Iron Water Pipe (Open Cut)	660		638.00	LF	\$ 23.00	\$ 14,674.00
	Connection Items						
2	Connection: Proposed 6" Water Line to Existing 20" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 8,550.00	\$ 8,550.00
3	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 1,900.00	\$ 1,900.00
	Valve and Hydrant Items						
4	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	1		1.00	Each	\$ 3,325.00	\$ 3,325.00
	Water Service Items						
5	Service Tubing (Bored) (Size Varies to 1 1/2")	70		40.00	LF	\$ 24.00	\$ 960.00
6	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	3		3.00	Each	\$ 285.00	\$ 855.00
	Miscellaneous Construction Items						
7	Concrete Pavement Repair (All Depths)	20		21.00	SY	\$ 124.00	\$ 2,604.00
8	Asphalt Pavement Repair (All Depths)	35	23.55	50.65	SY	\$ 95.00	\$ 4,811.75
9	Concrete Curb & Gutter Repair (All Types)	40		0.00	LF	\$ 63.00	\$ 0.00
10	Concrete Sidewalk Repair	2		3.80	SY	\$ 150.00	\$ 570.00
11	Temporary Erosion Control	1		1.00	LS	\$ 750.00	\$ 750.00
12	Grassing	1		1.00	LS	\$ 800.00	\$ 800.00
13	Mobilization	1		1.00	LS	\$ 4,000.00	\$ 4,000.00
14	Maintenance of Traffic	1	0.05	1.00	LS	\$ 900.00	\$ 900.00
						Sub-total	\$ 44,699.75
	Site 4 - E 9th, Coit, E 10th, Lula, Inez, Allen, Gravel, Heiddle & Kinnard St's						
	Water Pipe Items						
1	1" Sch 80 PVC (Open Cut)	10		0.00	LF	\$ 15.00	\$ 0.00
2	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20	30.00	30.00	LF	\$ 20.00	\$ 600.00
3	4" Class 350 Ductile Iron Water Pipe (Open Cut)	20		2.00	LF	\$ 30.00	\$ 60.00
4	6" Class 350 Ductile Iron Water Pipe (Open Cut)	3,670	137.43	3,544.43	LF	\$ 23.00	\$ 81,521.89
5	8" Class 350 Ductile Iron Water Pipe (Open Cut)	2,875		2,972.00	LF	\$ 26.00	\$ 77,272.00
6	12" Class 350 Ductile Iron Water Pipe (Open Cut)	1,030		1007.00	LF	\$ 45.00	\$ 45,315.00
7	16" 200 PSI, DR9, HDPE (Open Cut) (Incl. adapter fittings)	100		100.00	LF	\$ 87.00	\$ 8,700.00
8	20" Steel Casing, 0.25" WT (Bored)	80		80.00	LF	\$ 138.00	\$ 11,040.00
	Connection Items						

Item No.	Item Description	Total Quantities			Unit		Amount
		Quantity On Contract	Allowed This Period	Allowed To Date	Unit	Price	
9	Connection: Proposed 12" Water Line to Proposed 8" & 6" Water Lines (Cross & other fittings)	1		1.00	Each	\$ 2,200.00	\$ 2,200.00
10	Connection: Proposed 12" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	2		2.00	Each	\$ 3,950.00	\$ 7,900.00
11	Connection: Proposed 8" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 2,550.00	\$ 2,550.00
12	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	1	1.00	1.00	Each	\$ 2,000.00	\$ 2,000.00
13	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	1	-1.00	0.00	Each	\$ 1,600.00	\$0.00
14	Connection: Proposed 8" Water Line to Existing 4" Water Line (Tee & other fittings)	1	1.00	1.00	Each	\$ 1,400.00	\$ 1,400.00
15	Connection: Proposed 8" Water Line to Proposed 6" Water Line (Tee & other fittings)	3		3.00	Each	\$1,800.00	\$ 5,400.00
16	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		0.00	Each	\$1,400.00	\$0.00
17	Connection: Proposed 6" Water Line to Existing 6" Water Line (Cross & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
18	Connection: Proposed 6" Water Line to Existing 6" Water Line (Tee & other fittings)	3	2.00	2.00	Each	\$ 1,600.00	\$ 3,200.00
19	Connection: Proposed 6" Water Line to Existing 1" Water Line (Hot Tap w/ Valve Assembly)	1	1.00	1.00	Each	\$ 375.00	\$ 375.00
20	Connection: Proposed 4" Water Line to Existing 2" Water Line (Straight Connection & other fittings)	1		1.00	Each	\$ 275.00	\$ 275.00
21	Valve and Hydrant Items						
22	4" Gate Valve	1		1.00	Each	\$ 700.00	\$ 700.00
23	6" Gate Valve	18		14.00	Each	\$ 775.00	\$ 10,850.00
24	8" Gate Valve	11		11.00	Each	\$ 1,100.00	\$ 12,100.00
25	12" Gate Valve	4		4.00	Each	\$ 2,000.00	\$ 8,000.00
	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	18		18.00	Each	\$ 3,325.00	\$ 59,850.00
	Water Service Items						
26	Service Tubing (Bored) (Size Varies to 1 1/2")	1,240		1015.00	LF	\$ 24.00	\$ 24,360.00
27	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	56		59.00	Each	\$ 275.00	\$ 16,225.00
28	Commercial Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	2		0.00	Each	\$ 1,000.00	\$0.00
29	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	6	1.00	2.00	Each	\$ 433.00	\$ 866.00
	Miscellaneous Construction Items						
30	Removal of Fire Hydrant and Appurtenances	2		2.00	Each	\$ 250.00	\$ 500.00
31	Concrete Paved Ditch	4		2.60	CY	\$ 675.00	\$ 1,755.00
32	Concrete Pavement Repair (All Depths)	78		51.10	SY	\$ 115.00	\$ 5,876.50
33	Asphalt Pavement Repair (All Depths)	954	172.20	540.17	SY	\$ 86.00	\$ 46,454.62
34	Concrete Sidewalk Repair	26		7.20	SY	\$ 130.00	\$ 936.00
35	Temporary Erosion Control	1		1.00	LS	\$ 5,500.00	\$ 5,500.00
36	Grassing	1		1.00	LS	\$ 2,500.00	\$ 2,500.00
37	Mobilization	1		1.00	LS	\$ 37,000.00	\$ 37,000.00
SA 38	Site Investigation, 3 days, includes asphalt removal, sandfill material and crushed limestone 610 temporary surface	1		1.00	LS	\$ 6,720.00	\$ 6,720.00
SA 39	Removing existing 6" waterline	28		28.00	LF	\$ 53.00	\$ 1,484.00
SA 40	Install 6" CL 350 DI Pipe (Open Cut)	77		77.00	LF	\$ 53.00	\$ 4,081.00
SA 41	6" HDPE bore under storm drains	1		1.00	LS	\$ 2,500.00	\$ 2,500.00
SA 42	3/4 in SVS tubing (Open Cut)	125		125.00	LF	\$ 10.00	\$ 1,250.00
SA 43	Install 12" risers on 3-way Fire Hydrant	7		7.00	Each	\$ 690.00	\$ 4,830.00

Item No.	Item Description	Total Quantities			Unit	Unit	
		Quantity On Contract	Allowed This Period	Allowed To Date		Price	Amount
	Site 5 - Atlanta Street					Sub-total	\$505,647.01
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20	-137.50	0.00	LF	\$ 20.00	\$0.00
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	20		8.00	LF	\$ 30.00	\$ 240.00
3	8" Class 350 Ductile Iron Water Pipe (Open Cut)	1,410		1406.00	LF	\$ 26.00	\$ 36,556.00
	Connection Items						
4	Connection: Proposed 8" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 2,600.00	\$ 2,600.00
5	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 2,600.00	\$ 2,600.00
6	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	1		1.00	Each	\$ 1,800.00	\$ 1,800.00
7	Connection: Proposed 8" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	2		0.00	Each	\$ 700.00	\$0.00
	Valve and Hydrant Items						
8	6" Gate Valve	2		2.00	Each	\$ 775.00	\$ 1,550.00
9	8" Gate Valve	2		2.00	Each	\$ 1,100.00	\$ 2,200.00
10	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	3		3.00	Each	\$ 3,225.00	\$ 9,675.00
	Water Service Items						
11	Service Tubing (Bored) (Size Varies to 1 1/2")	640		444.00	LF	\$ 24.00	\$ 10,656.00
12	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	25		27.00	Each	\$ 290.00	\$ 7,830.00
13	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1		0.00	Each	\$ 435.00	\$0.00
	Miscellaneous Construction Items						
14	Removal of Fire Hydrant and Appurtenances	1		1.00	Each	\$ 250.00	\$ 250.00
15	Concrete Pavement Repair (All Depths)	55		19.00	SY	\$ 120.00	\$ 2,280.00
16	Asphalt Pavement Repair (All Depths)	233		226.65	SY	\$ 88.00	\$ 19,945.20
17	Concrete Curb & Gutter Repair (All Types)	10		0.00	LF	\$ 80.00	\$0.00
18	Concrete Sidewalk Repair	3		0.00	SY	\$ 130.00	\$0.00
19	Temporary Erosion Control	1		1.00	LS	\$ 1,000.00	\$ 1,000.00
20	Grassing	1	0.10	1.00	LS	\$ 800.00	\$ 800.00
21	Mobilization	1		1.00	LS	\$ 7,300.00	\$ 7,300.00
22	Maintenance of Traffic	1		1.00	LS	\$ 1,800.00	\$ 1,800.00
SA 23	Connection: Proposed 8" Water Line to Existing 2" Water Line	1		1.00	LS	\$ 2,750.00	\$ 2,750.00
						Sub-total	\$111,832.20
	Site 6 - E 9th Street						
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	40		0.00	LF	\$ 15.00	\$0.00
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	20		0.00	LF	\$ 30.00	\$0.00
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	920		887.00	LF	\$ 22.00	\$ 19,514.00
	Connection Items						
4	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	2		2.00	Each	\$ 1,900.00	\$ 3,800.00
5	Connection: Proposed 6" Water Line to Existing 4" Water Line (Tee & other fittings)	1		0.00	Each	\$ 1,300.00	\$0.00
6	Connection: Proposed 6" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	2	2.00	2.00	Each	\$ 650.00	\$ 1,300.00
	Valve and Hydrant Items						
7	4" Gate Valve	1		1.00	Each	\$ 700.00	\$ 700.00

Item No.	Item Description	Total Quantities			Unit		Amount
		Quantity On Contract	Allowed This Period	Allowed To Date	Unit	Price	
8	8" Gate Valve	2		0.00	Each	\$ 1,100.00	\$0.00
	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)						
9		2		2.00	Each	\$ 3,325.00	\$ 6,650.00
	Water Service Items						
	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	7		6.00	Each	\$ 285.00	\$ 1,710.00
10	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1		0.00	Each	\$ 432.00	\$0.00
	Miscellaneous Construction Items						
12	Concrete Pavement Repair (All Depths)	11		0.00	SY	\$ 127.00	\$0.00
13	Asphalt Pavement Repair (All Depths)	355		160.56	SY	\$ 87.00	\$ 13,968.72
14	Concrete Curb & Gutter Repair (All Types)	10		0.00	LF	\$ 85.00	\$0.00
15	Concrete Sidewalk Repair	15		0.00	SY	\$ 130.00	\$0.00
16	Temporary Erosion Control	1	0.10	1.00	LS	\$ 750.00	\$ 750.00
17	Grassing	1	-1.00	1.00	LS	\$ 800.00	\$ 800.00
18	Mobilization	1		1.00	LS	\$ 5,000.00	\$ 5,000.00
19	Maintenance of Traffic	1	0.10	1.00	LS	\$ 1,800.00	\$ 1,800.00
						Sub-total	\$55,992.72
	Site 7 - Whitney, E 8th & E 10th Streets						
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20		15.00	LF	\$ 20.00	\$ 300.00
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	20		14.00	LF	\$ 30.00	\$ 420.00
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	1,650	-111.36	1629.00	LF	\$ 22.00	\$ 35,838.00
4	8" Class 350 Ductile Iron Water Pipe (Open Cut)	2,325		2224.00	LF	\$ 26.00	\$ 57,824.00
	Connection Items						
	Connection: Proposed 8" Water Line to Proposed 8" Water Line (Tee & other fittings)	1	1.00	1.00	Each	\$ 1,600.00	\$ 1,600.00
	Connection: Proposed 8" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,600.00	\$ 1,600.00
	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	1		2.00	Each	\$ 2,500.00	\$ 5,000.00
	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	1		1.00	Each	\$ 2,000.00	\$ 2,000.00
	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	2		0.00	Each	\$ 1,900.00	\$0.00
	Connection: Proposed 8" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 650.00	\$ 650.00
	Connection: Proposed 8" Water Line to Existing 1" Water Line (Hot Tap w/ Valve Assembly)	2		2.00	Each	\$ 400.00	\$ 800.00
	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1	-1.00	4.00	Each	\$ 1,900.00	\$ 7,600.00
	Connection: Proposed 6" Water Line to Existing 6" Water Line (Cross & other fittings)	1		0.00	Each	\$ 1,900.00	\$0.00
	Connection: Proposed 6" Water Line to Existing 4" Water Line (Cross & other fittings)	1		1.00	Each	\$ 1,800.00	\$ 1,800.00
	Valve and Hydrant Items						
15	4" Gate Valve	2		2.00	Each	\$ 700.00	\$ 1,400.00
16	6" Gate Valve	12	-1.00	4.00	Each	\$ 800.00	\$ 3,200.00
17	8" Gate Valve	7	1.00	5.00	Each	\$ 1,100.00	\$ 5,500.00
	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)						
18		6		6.00	Each	\$ 3,325.00	\$ 19,950.00
	Water Service Items						

Item No.	Item Description	Total Quantities			Unit	
		Quantity On Contract	Allowed This Period	Allowed To Date	Unit	Price
19	Service Tubing (Bored) (Size Varies to 1 1/2")	755		526.00	LF	\$ 24.00
20	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	40		36.00	Each	\$ 290.00
21	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1		0.00	Each	\$ 432.00
	Miscellaneous Construction Items					\$0.00
22	Removal of Fire Hydrant and Appurtenances	3	1.00	3.00	Each	\$ 250.00
23	Concrete Pavement Repair (All Depths)	155		7.50	SY	\$ 115.00
24	Asphalt Pavement Repair (All Depths)	759		332.18	SY	\$ 86.00
25	Concrete Curb & Gutter Repair (All Types)	50		37.00	LF	\$ 50.00
26	Concrete Sidewalk Repair	12		6.86	SY	\$ 130.00
27	Temporary Erosion Control	1	0.05	1.00	LS	\$ 5,900.00
28	Grassing	1		1.00	LS	\$ 1,500.00
29	Mobilization	1		1.00	LS	\$ 19,500.00
30	Maintenance of Traffic	1	0.05	1.00	LS	\$ 2,350.00
SA 31	Lower Elevation on Existing 4" line along River Street	1		1.00	LS	\$ 2,450.00
SA 32	Complete Cutting/Moving Fire Hydrant on 8th Street	1		1.00	LS	\$ 2,450.00
						Sub-total \$ 235,617.78
	Site 8 - E 6th Street					
	Water Pipe Items					
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20		55.00	LF	\$ 20.00
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	980	-71.00	1004.00	LF	\$ 23.00
	Connection Items					
3	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	2		3.00	Each	\$ 1,900.00
4	Connection: Proposed 6" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 650.00
	Valve and Hydrant Items					
5	6" Gate Valve	2	-2.00	2.00	Each	\$ 800.00
6	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	3		3.00	Each	\$ 3,325.00
	Water Service Items					
7	Service Tubing (Bored) (Size Varies to 1 1/2")	80		72.00	LF	\$ 24.00
8	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	7		6.00	Each	\$ 285.00
	Miscellaneous Construction Items					
9	Concrete Pavement Repair (All Depths)	44		19.74	SY	\$ 122.00
10	Asphalt Pavement Repair (All Depths)	301		90.62	SY	\$ 89.00
11	Concrete Curb & Gutter Repair (All Types)	20		3.00	LF	\$ 65.00
12	Concrete Sidewalk Repair	2		0.00	SY	\$ 130.00
13	Temporary Erosion Control	1	0.05	1.00	LS	\$ 750.00
14	Grassing	1		1.00	LS	\$ 800.00
15	Mobilization	1		1.00	LS	\$ 5,400.00
16	Maintenance of Traffic	1	0.10	1.00	LS	\$ 900.00
SA 17	Complete Cutting/Moving Fire Hydrant Thirty Feet	1		1.00	LS	\$ 750.00
SA 18	Repair Leaks to Existing Water Mains/Service Mains along 5th and 6th Streets	1		1.00	LS	\$ 880.58
						Sub-total \$ 65,704.04
	Site 9 - E 5th & Short E 5th Streets & Ferguson Alley					
	Water Pipe Items					
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20		10.00	LF	\$ 20.00
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	230		207.00	LF	\$ 30.00

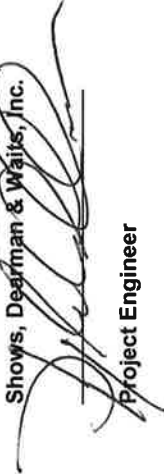
Item No.	Item Description	Total Quantities			Unit	Amount	
		Quantity On Contract	Allowed This Period	Allowed To Date		Price	
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	1,090		1062.00	LF	\$ 23.00	\$ 24,426.00
	Connection Items						
4	Connection: Proposed 6" Water Line to Proposed 6" & 4" Water Lines (Tee & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
5	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	2		2.00	Each	\$1,900.00	\$ 3,800.00
6	Connection: Proposed 4" Water Line to Existing 2" Water Line (Straight Connection & other fittings)	1		1.00	Each	\$300.00	\$ 300.00
	Valve and Hydrant Items						
7	4" Gate Valve	1		1.00	Each	\$ 700.00	\$ 700.00
8	6" Gate Valve	1	-1.00	1.00	Each	\$ 800.00	\$ 800.00
9	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	4		4.00	Each	\$ 3,325.00	\$ 13,300.00
	Water Service Items						
10	Service Tubing (Bored) (Size Varies to 1 1/2") Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	60		128.00	LF	\$ 24.00	\$ 3,072.00
11	Miscellaneous Construction Items	9		5.00	Each	\$ 285.00	\$ 1,425.00
12	Removal of Fire Hydrant and Appurtenances	1		1.00	Each	\$ 250.00	\$ 250.00
13	Concrete Pavement Repair (All Depths)	13		18.10	SY	\$ 150.00	\$ 2,715.00
14	Asphalt Pavement Repair (All Depths)	460		496.17	SY	\$ 88.00	\$ 43,662.96
15	Concrete Curb & Gutter Repair (All Types)	20		28.00	LF	\$ 65.00	\$ 1,820.00
16	Concrete Sidewalk Repair	2		4.00	SY	\$ 130.00	\$ 520.00
17	Temporary Erosion Control	1	0.05	1.00	LS	\$ 1,000.00	\$ 1,000.00
18	Grassing	1	0.10	1.00	LS	\$ 800.00	\$ 800.00
19	Mobilization	1		1.00	LS	\$ 7,000.00	\$ 7,000.00
20	Maintenance of Traffic	1	0.10	1.00	LS	\$ 2,400.00	\$ 2,400.00
						Sub-total	\$ 115,900.96
	Site 10 - River, E 6th & E 5th Streets & Beta Avenue						
	Water Pipe Items						
1	1" Sch 80 PVC (Open Cut)	10		0.00	LF	\$ 15.00	\$0.00
2	2" Class 350 Ductile Iron Water Pipe (Open Cut)	270		244.00	LF	\$ 20.00	\$ 4,880.00
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	2,760		2504.00	LF	\$ 23.00	\$ 57,592.00
	Connection Items						
4	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,300.00	\$ 1,300.00
5	Connection: Proposed 6" Water Line to Proposed 6" & 2" Water Lines (Tee & other fittings)	1		1.00	Each	\$ 1,400.00	\$ 1,400.00
6	Connection: Proposed 6" Water Line to Proposed 6" & Existing 2" Water Lines (Tee & other fittings)	1		1.00	Each	\$1,100.00	\$ 1,100.00
7	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$1,900.00	\$ 1,900.00
8	Connection: Proposed 6" Water Line to Existing 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,400.00	\$ 1,400.00
9	Connection: Proposed 6" Water Line to Existing 6" Water Line (Straight Connection & other fittings)	1		1.00	Each	\$ 600.00	\$ 600.00
10	Connection: Proposed 2" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 850.00	\$ 850.00
11	Connection: Proposed 2" Water Line to Existing 2" Water Line (Tee & other fittings)	1		1.00	Each	\$ 400.00	\$ 400.00
	Valve and Hydrant Items						
12	2" Gate Valve	2		1.00	Each	\$ 600.00	\$ 600.00
13	6" Gate Valve	6		6.00	Each	\$ 800.00	\$ 4,800.00

Item No.	Item Description	Total Quantities			Unit	Unit	
		Quantity On Contract	Allowed This Period	Allowed To Date		Price	Amount
14	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	6		6.00	Each	\$ 3,325.00	\$ 19,950.00
15	Blow-Off Valve w/ Appurtenances (Incl. Tee, Valve, Pipe & other fittings)	1		1.00	Each	\$ 900.00	\$ 900.00
	Water Service Items						
16	Service Tubing (Bored) (Size Varies to 1 1/2")	60		64.00	LF	\$ 24.00	\$ 1,536.00
17	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	19		12	Each	\$ 285.00	\$ 3,420.00
	Miscellaneous Construction Items						
18	Removal of Fire Hydrant and Appurtenances	2		2.00	Each	\$ 250.00	\$ 500.00
19	Concrete Pavement Repair (All Depths)	39		7.50	SY	\$ 120.00	\$ 900.00
20	Asphalt Pavement Repair (All Depths)	469		280.52	SY	\$ 88.00	\$ 24,685.76
21	Concrete Curb & Gutter Repair (All Types)	20		9.00	LF	\$ 65.00	\$ 585.00
22	Concrete Sidewalk Repair	8		7.14	SY	\$ 130.00	\$ 928.20
23	Temporary Erosion Control	1	0.05	1.00	LS	\$ 2,200.00	\$ 2,200.00
24	Grassing	1	0.10	1.00	LS	\$ 1,500.00	\$ 1,500.00
25	Mobilization	1		1.00	LS	\$ 15,000.00	\$ 15,000.00
26	Maintenance of Traffic	1	0.10	1.00	LS	\$ 1,800.00	\$ 1,800.00
SA 27	Install 6" risers on 3-Way Fire Hydrant	2		2.00	Each	\$ 595.00	\$ 1,190.00
					Sub-total		\$151,916.96
					TOTAL SITES 1-10	\$	1,495,835.94

Percent Complete: 87%
Time Elapsed to date: 236%

Total Earned - Regular Work \$ 1,495,835.94
Less 2.5% Retainage \$ -
Stored Materials
Total Due - Regular Work 1,495,835.94
Less Previous Payments \$ 1,492,671.77
Net Amount Due This Estimate \$ 3,164.17
Less Deductions \$ -
Net Payment Due \$ 3,164.17

CERTIFIED CORRECT:

Shows, Dearman & Waits, Inc.

Project Engineer

APPROVED:

OWNER

**COMPREHENSIVE WATER IMPROVEMENTS PHASE III
CITY OF HATTIESBURG**

SUPPLEMENTAL AGREEMENT NO. 1

CITY OF HATTIESBURG

WHEREAS, We, T.L. Wallace Construction, Inc. Contractor and Arch Insurance Company, Surety entered into a contract with the City of Hattiesburg on the 4th Day of August 2015 for Comprehensive Water Improvements Phase III.

WHEREAS: It is proposed that the following item be added to the contract documents to complete the loop of the water line along Scott Street:

Site 4	Item 38	Site Investigation, 3 days, includes asphalt removal, sand fill material and crushed limestone 610 temporary surface	LS	1	\$6,720.00	\$6,720.00
Site 4	Item 39	Removing existing 6" waterline	LF	28	\$53.00	\$1,484.00
Site 4	Item 40	Install 6" CL 350 DI Pipe (Open Cut)	LF	77	\$53.00	\$4,081.00

WHEREAS: It is proposed that the following item be added to the contract documents due to conflicting storm drain along Heiddle Street:

Site 4	Item 41	6" HDPE bore under storm drains	LS	1	\$2,500.00	\$2,500.00
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WHEREAS: It is proposed that the following item be added to the contract documents due to unusual position of the resident water meter:

Site 4	Item 42	¾ in SVS tubing (Open Cut)	LF	125	\$10.00	\$1,250.00
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WHEREAS: It is proposed that the following item be added to the contract documents due to unforeseen elevations in underground utilities:

Site 4	Item 43	Install 12" risers on 3-way fire hydrant	EA	7	\$690.00	\$4,830.00
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WHEREAS: It is proposed that the following items be added to the contract documents due to residents on Atlanta Street, North of 10th Street need to be connected to proposed water line:

Site 5	Item 23	Connection: Proposed 8" water line to existing 2" water line	LS	1	\$2,750.00	\$2,750.00
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WHEREAS: It is proposed that the following item be added to the contract documents to properly connect proposed 6" line to existing 4" line on River Street:

Site 7	Item 31	Lower elevation on existing 4" line along River Street	LS	1	\$2,450.00	\$2,450.00
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WHEREAS: It is proposed that the following item be added to the contract documents and completed as directed by the City of Hattiesburg:

Site 7	Item 32	Complete Cutting/moving fire hydrant on 8 th Street	LS	1	\$2,450.00	\$2,450.00
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WHEREAS: It is proposed that the following item be added to the contract documents as directed by the City of Hattiesburg:

Site 8	Item 17	Complete cutting/moving fire hydrant thirty feet	LS	1	\$750.00	\$750.00
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WHEREAS: It is proposed that the following item be added to the contract documents due to poor condition of existing service lines along 5th and 6th Street:

Site 8	Item 18	Repair leaks to Existing water mains/service mains along 5 th and 6 th Streets	LS	1	\$880.58	\$880.58
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WHEREAS: It is proposed that the following item be added to the contract documents due to unforeseen elevations in underground utilities:

Site 10	Item 27	Install 6" risers on 3-way fire hydrant	EA	2	595.00	\$1,190.00
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Total Supplemental Agreement No. 1	\$31,335.58
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WHEREAS: The attached Overrun/Underrun statement is included as a part of this change as a result of minor items during construction.

Total of Underrun	\$258,186.64
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This agreement in no way modifies or changes the original contract of which it becomes a part, except as specifically stated herein.

NOW, THEREFORE, We, T.L. Wallace Construction, Inc., Contractor and Arch Insurance Company, Surety, hereby agree that said Supplemental Agreement is hereby made a part of the Original Contract to be performed under the specifications thereof, and that the Original Contract is in full force and effect, except insofar as it might be modified by this Supplement Agreement.

DATED, this 20th day of March, 2018

T.L. Wallace Construction, Inc.

Arch Insurance Company

By: [Signature]
Contractor

By: [Signature]
Surety Attorney-in-Fact

Witness: [Signature]

Witness: [Signature]

City of Hattiesburg

By: [Signature]
Owner

Witness: [Signature]

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON BLUE BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for Note, Loan, Letter of Credit, Currency Rate, Interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:

That the Arch Insurance Company, a corporation organized and existing under the laws of the State of Missouri, having its principal administrative office in Jersey City, New Jersey (hereinafter referred to as the "Company") does hereby appoint:

Andrew P. Underwood, Dewey E. Brashier, Jim E. Brashier, Kathleen B. Scarborough, Loren R. Howell, Jr., Susan Skrmetta and Troy P. Wagener of Biloxi, MS (EACH)

Kimberly B. Barhum, David Robin Fortenberry, Mary Jones Norval and Richard Teb Jones of Hattiesburg, MS (EACH)

John B. Sneed, Joseph R. Beattie, Lisa R. Butler and Patrick T. Mason of Gulfport, MS (EACH)

its true and lawful Attorney(s) in-Fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf as surety, and as its act and deed:

Any and all bonds, undertakings, recognizances and other surety obligations, in the penal sum not exceeding Ninety Million Dollars (\$90,000,000.00).

This authority does not permit the same obligation to be split into two or more bonds in order to bring each such bond within the dollar limit of authority as set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents shall be as binding upon the said Company as fully and amply to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on September 15, 2011, true and accurate copies of which are hereinafter set forth and are hereby certified to by the undersigned Secretary as being in full force and effect:

"VOTED, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys-in-fact, and to authorize them subject to the limitations set forth in their respective powers of attorney, to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances and other surety obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of process."

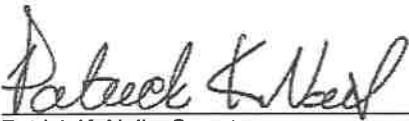
This Power of Attorney is signed, sealed and certified by facsimile under and by authority of the following resolution adopted by the unanimous consent of the Board of Directors of the Company on September 15, 2011:

VOTED, That the signature of the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, and the signature of the Secretary, the seal of the Company, and certifications by the Secretary, may be affixed by facsimile on any power of attorney or bond executed pursuant to the resolution adopted by the Board of Directors on September 15, 2011, and any such power so executed, sealed and certified with respect to any bond or undertaking to which it is attached, shall continue to be valid and binding upon the Company.

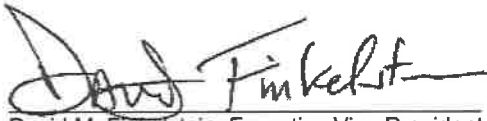
In Testimony Whereof, the Company has caused this instrument to be signed and its corporate seal to be affixed by their authorized officers, this 19th day of January, 2018.

Attested and Certified

Arch Insurance Company

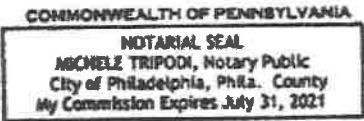

Patrick K. Nails, Secretary




David M. Finkelstein, Executive Vice President

STATE OF PENNSYLVANIA SS
COUNTY OF PHILADELPHIA SS

I, Michele Tripodi, a Notary Public, do hereby certify that Patrick K. Nails and David M. Finkelstein personally known to me to be the same persons whose names are respectively as Secretary and Executive Vice President of the Arch Insurance Company, a Corporation organized and existing under the laws of the State of Missouri, subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that they being thereunto duly authorized signed, sealed with the corporate seal and delivered the said instrument as the free and voluntary act of said corporation and as their own free and voluntary acts for the uses and purposes therein set forth.

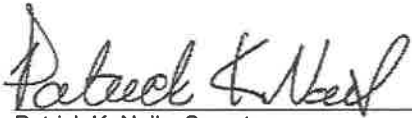



Michele Tripodi, Notary Public
My commission expires 07/31/2021

CERTIFICATION

I, Patrick K. Nails, Secretary of the Arch Insurance Company, do hereby certify that the attached Power of Attorney dated January 19, 2018 on behalf of the person(s) as listed above is a true and correct copy and that the same has been in full force and effect since the date thereof and is in full force and effect on the date of this certificate; and I do further certify that the said David M. Finkelstein, who executed the Power of Attorney as Executive Vice President, was on the date of execution of the attached Power of Attorney the duly elected Executive Vice President of the Arch Insurance Company.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the Arch Insurance Company on this 20th day of March, 2018.


Patrick K. Nails, Secretary

This Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein and they have no authority to bind the Company except in the manner and to the extent herein stated.

PLEASE SEND ALL CLAIM INQUIRIES RELATING TO THIS BOND TO THE FOLLOWING ADDRESS:

Arch Insurance – Surety Division
3 Parkway, Suite 1500
Philadelphia, PA 19102



OVERRUNS UNDERRUNS
 PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie
 CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
Site 1 - Columbia, Eupora, Lake, Phillipps & W 5th Streets									
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	40	25		15	\$15.00	\$ -	\$ 225.00
Adjustment required to match existing field conditions									
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	1310	1327	17		\$23.00	\$ 391.00	\$ -
Adjustment required to match existing field conditions									
3	8" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	920	902		18	\$25.00	\$ -	\$ 450.00
Adjustment required to match existing field conditions									
4	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$2,500.00	\$ -	\$ -
No Change									
5	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	Each	1	1			\$1,600.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS
 PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie
 CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
6	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	Each	1	1			\$1,500.00	\$ -	\$ -
No Change									
7	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	Each	3	3			\$1,900.00	\$ -	\$ -
No Change									
8	Connection: Proposed 6" Water Line to Existing 2" Water Line (Tee & other fittings)	Each	1	1			\$1,200.00	\$ -	\$ -
No Change									
9	2" Gate Valve	Each	1	2	1		\$550.00	\$ 550.00	\$ -
Adjustment required to match existing field conditions									
10	6" Gate Valve	Each	2	2			\$775.00	\$ -	\$ -
No Change									
11	8" Gate Valve	Each	1	1			\$1,100.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
12	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	4	4			\$3,325.00	\$ -	\$ -
No Change									
13	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	215	127		88	\$24.00	\$ -	\$ 2,112.00
Adjustment required to match existing field conditions									
14	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	21	22	1		\$285.00	\$ 285.00	\$ -
Adjustment required to match existing field conditions									
15	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	Each	1	2	1		\$430.00	\$ 430.00	\$ -
Adjustment required to match existing field conditions									
16	Concrete Pavement Repair (All Depths)	SY	115	79.70		35.3	\$120.00	\$ -	\$ 4,236.00
Adjustment required to match existing field conditions									
17	Asphalt Pavement Repair (All Depths)	SY	500	281.50		218.5	\$88.00	\$ -	\$ 19,228.00
Adjustment required to match existing field conditions									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
18	Concrete Curb & Gutter Repair (All Types)	LF	166	0		166	\$35.00	\$ -	\$ 5,810.00
Adjustment required to match existing field conditions									
19	Concrete Sidewalk Repair	SY	17	18.30	1.3		\$130.00	\$ 169.00	\$ -
Adjustment required to match existing field conditions									
20	Temporary Erosion Control	Lump Sum	1	1			\$2,400.00	\$ -	\$ -
No Change									
21	Grassing	Lump Sum	1	1			\$800.00	\$ -	\$ -
No Change									
22	Mobilization	Lump Sum	1	1			\$17,000.00	\$ -	\$ -
Adjustment required to match existing field conditions									
23	Maintenance of Traffic	Lump Sum	1	1			\$2,400.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS
 PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie
 CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
Site 2 - Montague Street									
1	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	8		12	\$40.00	\$ -	\$ 480.00
Adjustment required to match existing field conditions									
2	8" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	650	636		14	\$26.00	\$ -	\$ 364.00
Adjustment required to match existing field conditions									
3	Connection: Proposed 8" Water Line to Existing 20" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$8,550.00	\$ -	\$ -
No Change									
4	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	Each	1	1			\$1,500.00	\$ -	\$ -
No Change									
5	6" Gate Valve	Each	2	2			\$775.00	\$ -	\$ -
No Change									
6	8" Gate Valve	Each	1	1			\$1,100.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
7	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	1	1			\$3,325.00	\$ -	\$ -
No Change									
8	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	180	168		12	\$24.00	\$ -	\$ 288.00
Adjustment required to match existing field conditions									
9	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	15	15			\$285.00	\$ -	\$ -
No Change									
10	Concrete Pavement Repair (All Depths)	SY	38	19.73		18.27	\$124.00	\$ -	\$ 2,265.48
Adjustment required to match existing field conditions									
11	Asphalt Pavement Repair (All Depths)	SY	92	40.20		51.8	\$95.00	\$ -	\$ 4,921.00
Adjustment required to match existing field conditions									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
12	Concrete Curb & Gutter Repair (All Types)	LF	25	41	16		\$52.00	\$ 832.00	\$ -
Adjustment required to match existing field conditions									
13	Temporary Erosion Control	Lump Sum	1	1			\$750.00	\$ -	\$ -
No Change									
14	Grassing	Lump Sum	1	1			\$800.00	\$ -	\$ -
No Change									
15	Mobilization	Lump Sum	1	1			\$4,000.00	\$ -	\$ -
No Change									
16	Maintenance of Traffic	Lump Sum	1	1			\$900.00	\$ -	\$ -
No Change									
Site 3 - McLaurin Street									
1	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	660	638		22	\$23.00	\$ -	\$ 506.00
Adjustment required to match existing field conditions									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
2	Connection: Proposed 6" Water Line to Existing 20" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$8,550.00	\$ -	\$ -
No Change									
3	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$1,900.00	\$ -	\$ -
No Change									
4	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	1	1			\$3,325.00	\$ -	\$ -
No Change									
5	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	70	40		30	\$24.00	\$ -	\$ 720.00
Adjustment required to match existing field conditions									
6	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	3	3			\$285.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
7	Concrete Pavement Repair (All Depths)	SY	20	21	1		\$124.00	\$ 124.00	\$ -
Adjustment required to match existing field conditions									
8	Asphalt Pavement Repair (All Depths)	SY	35	50.65	15.65		\$95.00	\$ 1,486.75	\$ -
Adjustment required to match existing field conditions									
9	Concrete Curb & Gutter Repair (All Types)	LF	40	0		40	\$63.00	\$ -	\$ 2,520.00
Not required on project									
10	Concrete Sidewalk Repair	SY	2	3.80	1.8		\$150.00	\$ 270.00	\$ -
Adjustment required to match existing field conditions									
11	Temporary Erosion Control	Lump Sum	1	1			\$750.00	\$ -	\$ -
No Change									
12	Grassing	Lump Sum	1	1			\$800.00	\$ -	\$ -
No Change									
13	Mobilization	Lump Sum	1	1			\$4,000.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
14	Maintenance of Traffic	Lump Sum	1	1			\$900.00	\$ -	\$ -
No Change									
Site 4 - E 9th, Coit, E 10th, Lula, Inez, Allen, Gravel, Heiddle & Kinnard St's									
1	1" Sch 80 PVC (Open Cut)	LF	10	0		10	\$15.00	\$ -	\$ 150.00
Not required on project									
2	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	30	10		\$20.00	\$ 200.00	\$ -
Adjustment required to match existing field conditions									
3	4" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	2		18	\$30.00	\$ -	\$ 540.00
Adjustment required to match existing field conditions									
4	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	3670	3544.43		125.57	\$23.00	\$ -	\$ 2,888.11
Adjustment required to match existing field conditions									
5	8" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	2875	2972	97		\$26.00	\$ 2,522.00	\$ -
Adjustment required to match existing field conditions									
6	12" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	1030	1007		23	\$45.00	\$ -	\$ 1,035.00
Adjustment required to match existing field conditions									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
7	16" 200 PSI, DR9, HDPE (Open Cut) (Incl. adapter fittings)	LF	100	100			\$87.00	\$ -	\$ -
No Change									
8	20" Steel Casing, 0.25" WT (Bored)	LF	80	80			\$138.00	\$ -	\$ -
No Change									
9	Connection: Proposed 12" Water Line to Proposed 8" & 6" Water Lines (Cross & other fittings)	Each	1	1			\$2,200.00	\$ -	\$ -
No Change									
10	Connection: Proposed 12" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	Each	2	2			\$3,950.00	\$ -	\$ -
No Change									
11	Connection: Proposed 8" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$2,550.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
12	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	Each	1	1			\$2,000.00	\$ -	\$ -
No Change									
13	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	Each	1	0		1	\$1,600.00	\$ -	\$ 1,600.00
Not required on project									
14	Connection: Proposed 8" Water Line to Existing 4" Water Line (Tee & other fittings)	Each	1	1			\$1,400.00	\$ -	\$ -
No Change									
15	Connection: Proposed 8" Water Line to Proposed 6" Water Line (Tee & other fittings)	Each	3	3			\$1,800.00	\$ -	\$ -
No Change									
16	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	Each	1	0		1	\$1,400.00	\$ -	\$ 1,400.00
Not required on project									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
17	Connection: Proposed 6" Water Line to Existing 6" Water Line (Cross & other fittings)	Each	1	1			\$1,500.00	\$ -	\$ -
No Change									
18	Connection: Proposed 6" Water Line to Existing 6" Water Line (Tee & other fittings)	Each	3	2		1	\$1,600.00	\$ -	\$ 1,600.00
Adjustment required to match existing field conditions									
19	Connection: Proposed 6" Water Line to Existing 1" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$375.00	\$ -	\$ -
No Change									
20	Connection: Proposed 4" Water Line to Existing 2" Water Line (Straight Connection & other fittings)	Each	1	1			\$275.00	\$ -	\$ -
No Change									
21	4" Gate Valve	Each	1	1			\$700.00	\$ -	\$ -
No Change									
22	6" Gate Valve	Each	18	14		4	\$775.00	\$ -	\$ 3,100.00
Adjustment required to match existing field conditions									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
23	8" Gate Valve	Each	11	11			\$1,100.00	\$ -	\$ -
No Change									
24	12" Gate Valve	Each	4	4			\$2,000.00	\$ -	\$ -
No Change									
25	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	18	18			\$3,325.00	\$ -	\$ -
No Change									
26	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	1240	1015		225	\$24.00	\$ -	\$ 5,400.00
Adjustment required to match existing field conditions									
27	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	56	59	3		\$275.00	\$ 825.00	\$ -
Adjustment required to match existing field conditions									
28	Commercial Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	2	0		2	\$1,000.00	\$ -	\$ 2,000.00
Adjustment required to match existing field conditions									

OVERRUNS UNDERRUNS
 PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie
 CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
29	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	Each	6	2		4	\$433.00	\$ -	\$ 1,732.00
Adjustment required to match existing field conditions									
30	Removal of Fire Hydrant and Appurtenances	Each	2	2			\$250.00	\$ -	\$ -
No Change									
31	Concrete Paved Ditch	CY	4	2.60		1.4	\$675.00	\$ -	\$ 945.00
Adjustment required to match existing field conditions									
32	Concrete Pavement Repair (All Depths)	SY	78	51.10		26.9	\$115.00	\$ -	\$ 3,093.50
Adjustment required to match existing field conditions									
33	Asphalt Pavement Repair (All Depths)	SY	954	540.17		413.83	\$86.00	\$ -	\$ 35,589.38
Adjustment required to match existing field conditions									
34	Concrete Sidewalk Repair	SY	26	7.20		18.8	\$130.00	\$ -	\$ 2,444.00
Adjustment required to match existing field conditions									
35	Temporary Erosion Control	Lump Sum	1	1			\$5,500.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
36	Grassing	Lump Sum	1	1			\$2,500.00	\$ -	\$ -
No Change									
37	Mobilization	Lump Sum	1	1			\$37,000.00	\$ -	\$ -
No Change									
SA 38	Site Investigation, 3 days, includes asphalt removal, sand fill material and crushed limestone 610 tempory surface	Lump Sum	1	1			\$6,720.00	\$ -	\$ -
Added Per Supplemental Agreement No. 1									
SA 39	Removing Existing 6" Waterline	LF	28	28			\$53.00	\$ -	\$ -
Added Per Supplemental Agreement No. 1									
SA 40	Install 6" CL 350 DI Pipe (Open Cut)	LF	77	77			\$53.00	\$ -	\$ -
Added Per Supplemental Agreement No. 1									
SA 41	6" HDPE Bore Under Storm Drains	Lump Sum	1	1			\$2,500.00	\$ -	\$ -
Added Per Supplemental Agreement No. 1									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
SA 42	3/4 In. SVS Tubing (Open Cut)	LF	125	125			\$10.00	\$ -	\$ -
Added Per Supplemental Agreement No. 1									
SA 43	Install 12" Risers on 3-Way Fire Hydrant	Each	7	7			\$690.00	\$ -	\$ -
Added Per Supplemental Agreement No. 1									
Site 5 - Atlanta Street									
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	0		20	\$20.00	\$ -	\$ 400.00
Not required on project									
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	8		12	\$30.00	\$ -	\$ 360.00
Adjustment required to match existing field conditions									
3	8" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	1410	1406		4	\$26.00	\$ -	\$ 104.00
Adjustment required to match existing field conditions									
4	Connection: Proposed 8" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$2,600.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
5	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$2,600.00	\$ -	\$ -
No Change									
6	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	Each	1	1			\$1,800.00	\$ -	\$ -
No Change									
7	Connection: Proposed 8" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	Each	2	0		2	\$700.00	\$ -	\$ 1,400.00
Not required on project									
8	6" Gate Valve	Each	2	2			\$775.00	\$ -	\$ -
No Change									
9	8" Gate Valve	Each	2	2			\$1,100.00	\$ -	\$ -
No Change									
10	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	3	3			\$3,225.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
11	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	640	444		196	\$24.00	\$ -	\$ 4,704.00
Adjustment required to match existing field conditions									
12	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	25	27	2		\$290.00	\$ 580.00	\$ -
Adjustment required to match existing field conditions									
13	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	Each	1	0		1	\$435.00	\$ -	\$ 435.00
Not required on project									
14	Removal of Fire Hydrant and Appurtenances	Each	1	1			\$250.00	\$ -	\$ -
No Change									
15	Concrete Pavement Repair (All Depths)	SY	55	19		36	\$120.00	\$ -	\$ 4,320.00
Adjustment required to match existing field conditions									
16	Asphalt Pavement Repair (All Depths)	SY	233	226.65		6.35	\$88.00	\$ -	\$ 558.80
Adjustment required to match existing field conditions									
17	Concrete Curb & Gutter Repair (All Types)	LF	10	0		10	\$80.00	\$ -	\$ 800.00
Not required on project									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
18	Concrete Sidewalk Repair	SY	3	0		3	\$130.00	\$ -	\$ 390.00
Not required on project									
19	Temporary Erosion Control	Lump Sum	1	1			\$1,000.00	\$ -	\$ -
No Change									
20	Grassing	Lump Sum	1	1			\$800.00	\$ -	\$ -
No Change									
21	Mobilization	Lump Sum	1	1			\$7,300.00	\$ -	\$ -
No Change									
22	Maintenance of Traffic	Lump Sum	1	1			\$1,800.00	\$ -	\$ -
No Change									
SA 23	Connection: Proposed 8" Water Line to existing 2" Water Line	Lump Sum	1	1			\$2,750.00	\$ -	\$ -
Added Per Supplemental Agreement No. 1									
Site 6 - E 9th Street									
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	40	0		40	\$15.00	\$ -	\$ 600.00
Not required on project									

OVERRUNS UNDERRUNS
 PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie
 CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	0		20	\$30.00	\$ -	\$ 600.00
Not required on project									
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	920	887		33	\$22.00	\$ -	\$ 726.00
Adjustment required to match existing field conditions									
4	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	Each	2	2			\$1,900.00	\$ -	\$ -
No Change									
5	Connection: Proposed 6" Water Line to Existing 4" Water Line (Tee & other fittings)	Each	1	0		1	\$1,300.00	\$ -	\$ 1,300.00
Not required on project									
6	Connection: Proposed 6" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	Each	2	2			\$650.00	\$ -	\$ -
No Change									
7	4" Gate Valve	Each	1	1			\$700.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
8	8" Gate Valve	Each	2	0		2	\$1,100.00	\$ -	\$ 2,200.00
Not required on project									
9	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	2	2			\$3,325.00	\$ -	\$ -
No Change									
10	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	7	6		1	\$285.00	\$ -	\$ 285.00
Adjustment required to match existing field conditions									
11	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	Each	1	0		1	\$432.00	\$ -	\$ 432.00
Not required on project									
12	Concrete Pavement Repair (All Depths)	SY	11	0		11	\$127.00	\$ -	\$ 1,397.00
Not required on project									
13	Asphalt Pavement Repair (All Depths)	SY	355	160.56		194.44	\$87.00	\$ -	\$ 16,916.28
Adjustment required to match existing field conditions									

OVERRUNS UNDERRUNS
 PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie
 CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
14	Concrete Curb & Gutter Repair (All Types)	LF	10	0		10	\$85.00	\$ -	\$ 850.00
Not required on project									
15	Concrete Sidewalk Repair	SY	15	0		15	\$130.00	\$ -	\$ 1,950.00
Not required on project									
16	Temporary Erosion Control	Lump Sum	1	1			\$750.00	\$ -	\$ -
No Change									
17	Grassing	Lump Sum	1	1			\$800.00	\$ -	\$ -
No Change									
18	Mobilization	Lump Sum	1	1			\$5,000.00	\$ -	\$ -
No Change									
19	Maintenance of Traffic	Lump Sum	1	1			\$1,800.00	\$ -	\$ -
No Change									
Site 7 - Whitney, E 8th & E 10th Streets									
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	15		5	\$20.00	\$ -	\$ 100.00
Adjustment required to match existing field conditions									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	14		6	\$30.00	\$ -	\$ 180.00
Adjustment required to match existing field conditions									
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	1650	1629		21	\$22.00	\$ -	\$ 462.00
Adjustment required to match existing field conditions									
4	8" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	2325	2224		101	\$26.00	\$ -	\$ 2,626.00
Adjustment required to match existing field conditions									
5	Connection: Proposed 8" Water Line to Proposed 8" Water Line (Tee & other fittings)	Each	1	1			\$1,600.00	\$ -	\$ -
No Change									
6	Connection: Proposed 8" Water Line to Proposed 6" Water Line (Tee & other fittings)	Each	1	1			\$1,600.00	\$ -	\$ -
No Change									
7	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	Each	1	2	1		\$2,500.00	\$ 2,500.00	\$ -
Adjustment required to match existing field conditions									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
8	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	Each	1	1			\$2,000.00	\$ -	\$ -
No Change									
9	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	Each	2	0		2	\$1,900.00	\$ -	\$ 3,800.00
Not required on project									
10	Connection: Proposed 8" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$650.00	\$ -	\$ -
No Change									
11	Connection: Proposed 8" Water Line to Existing 1" Water Line (Hot Tap w/ Valve Assembly)	Each	2	2			\$400.00	\$ -	\$ -
No Change									
12	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	Each	1	4	3		\$1,900.00	\$ 5,700.00	\$ -
Adjustment required to match existing field conditions									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
13	Connection: Proposed 6" Water Line to Existing 6" Water Line (Cross & other fittings)	Each	1	0		1	\$1,900.00	\$ -	\$ 1,900.00
Not required on project									
14	Connection: Proposed 6" Water Line to Existing 4" Water Line (Cross & other fittings)	Each	1	1			\$1,800.00	\$ -	\$ -
No Change									
15	4" Gate Valve	Each	2	2			\$700.00	\$ -	\$ -
No Change									
16	6" Gate Valve	Each	12	4		8	\$800.00	\$ -	\$ 6,400.00
Adjustment required to match existing field conditions									
17	8" Gate Valve	Each	7	5		2	\$1,100.00	\$ -	\$ 2,200.00
Adjustment required to match existing field conditions									
18	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	6	6			\$3,325.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
19	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	755	526		229	\$24.00	\$ -	\$ 5,496.00
Adjustment required to match existing field conditions									
20	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	40	36		4	\$290.00	\$ -	\$ 1,160.00
Adjustment required to match existing field conditions									
21	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	Each	1	0		1	\$432.00	\$ -	\$ 432.00
Not required on project									
22	Removal of Fire Hydrant and Appurtenances	Each	3	3			\$250.00	\$ -	\$ -
No Change									
23	Concrete Pavement Repair (All Depths)	SY	155	7.5		147.5	\$115.00	\$ -	\$ 16,962.50
Adjustment required to match existing field conditions									
24	Asphalt Pavement Repair (All Depths)	SY	759	332.18		426.82	\$86.00	\$ -	\$ 36,706.52
Adjustment required to match existing field conditions									

OVERRUNS UNDERRUNS
 PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie
 CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
25	Concrete Curb & Gutter Repair (All Types)	LF	50	37		13	\$50.00	\$ -	\$ 650.00
Adjustment required to match existing field conditions									
26	Concrete Sidewalk Repair	SY	12	6.86		5.14	\$130.00	\$ -	\$ 668.20
Adjustment required to match existing field conditions									
27	Temporary Erosion Control	Lump Sum	1	1			\$5,900.00	\$ -	\$ -
No Change									
28	Grassing	Lump Sum	1	1			\$1,500.00	\$ -	\$ -
No Change									
29	Mobilization	Lump Sum	1	1			\$19,500.00	\$ -	\$ -
No Change									
30	Maintenance of Traffic	Lump Sum	1	1			\$2,350.00	\$ -	\$ -
No Change									
SA 31	Lower Elevation on Existing 4" Line Along River Street	Lump Sum	1	1			\$2,450.00	\$ -	\$ -
Added Per Supplemental Agreement No. 1									

OVERRUNS UNDERRUNS
 PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie
 CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
SA 32	Complete Cutting/Moving Fire Hydrant on 8th Street	Lump Sum	1	1			\$2,450.00	\$ -	\$ -
Added Per Supplemental Agreement No. 1									
Site 8 - E 6th Street									
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	55	35		\$20.00	\$ 700.00	\$ -
Adjustment required to match existing field conditions									
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	980	1004	24		\$23.00	\$ 552.00	\$ -
Adjustment required to match existing field conditions									
3	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	Each	2	3	1		\$1,900.00	\$ 1,900.00	\$ -
Adjustment required to match existing field conditions									
4	Connection: Proposed 6" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	Each	1	1			\$650.00	\$ -	\$ -
No Change									
5	6" Gate Valve	Each	2	2			\$800.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
6	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	3	3			\$3,325.00	\$ -	\$ -
No Change									
7	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	80	72		8	\$24.00	\$ -	\$ 192.00
Adjustment required to match existing field conditions									
8	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	7	6		1	\$285.00	\$ -	\$ 285.00
Adjustment required to match existing field conditions									
9	Concrete Pavement Repair (All Depths)	SY	44	19.74		24.26	\$122.00	\$ -	\$ 2,959.72
Adjustment required to match existing field conditions									
10	Asphalt Pavement Repair (All Depths)	SY	301	90.62		210.38	\$89.00	\$ -	\$ 18,723.82
Adjustment required to match existing field conditions									
11	Concrete Curb & Gutter Repair (All Types)	LF	20	3		17	\$65.00	\$ -	\$ 1,105.00
Adjustment required to match existing field conditions									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
12	Concrete Sidewalk Repair	SY	2	0		2	\$130.00	\$ -	\$ 260.00
Not required on project									
13	Temporary Erosion Control	Lump Sum	1	1			\$750.00	\$ -	\$ -
No Change									
14	Grassing	Lump Sum	1	1			\$800.00	\$ -	\$ -
No Change									
15	Mobilization	Lump Sum	1	1			\$5,400.00	\$ -	\$ -
No Change									
16	Maintenance of Traffic	Lump Sum	1	1			\$900.00	\$ -	\$ -
No Change									
SA 17	Complete Cutting/Moving Fire Hydrant Thrity Feet	Lump Sum	1	1			\$750.00	\$ -	\$ -
Added Per Supplemental Agreement No. 1									
SA 18	Repair Leaks to Existing Water Mains/Service Mains Along 5th and 6th Streets	Lump Sum	1	1			\$880.58	\$ -	\$ -
Added Per Supplemental Agreement No. 1									

OVERRUNS UNDERRUNS
 PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie
 CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
Site 9 - E 5th & Short E 5th Streets & Ferguson Alley									
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	20	10		10	\$20.00	\$ -	\$ 200.00
Adjustment required to match existing field conditions									
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	230	207		23	\$30.00	\$ -	\$ 690.00
Adjustment required to match existing field conditions									
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	LF	1090	1062		28	\$23.00	\$ -	\$ 644.00
Adjustment required to match existing field conditions									
4	Connection: Proposed 6" Water Line to Proposed 6" & 4" Water Lines (Tee & other fittings)	Each	1	1			\$1,500.00	\$ -	\$ -
No Change									
5	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	Each	2	2			\$1,900.00	\$ -	\$ -
No Change									
6	Connection: Proposed 4" Water Line to Existing 2" Water Line (Straight Connection & other fittings)	Each	1	1			\$300.00	\$ -	\$ -
No Change									

OVERRUNS UNDERRUNS

PROJECT: COMSWIP Water Improvements Phase III, Mobile Bouie

CONTRACTOR: T.L. Wallace Construction

ITEM NO.	ITEM DESCRIPTION	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY	OVERRUNS	UNDERRUNS	UNIT PRICE	INCREASE	DECREASE
7	4" Gate Valve	Each	1	1			\$700.00	\$ -	\$ -
No Change									
8	6" Gate Valve	Each	1	1			\$800.00	\$ -	\$ -
No Change									
9	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	4	4			\$3,325.00	\$ -	\$ -
No Change									
10	Service Tubing (Bored) (Size Varies to 1 1/2")	LF	60	128	68		\$24.00	\$ 1,632.00	\$ -
No Change									
11	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	9	5		4	\$285.00	\$ -	\$ 1,140.00
Adjustment required to match existing field conditions									
12	Removal of Fire Hydrant and Appurtenances	Each	1	1			\$250.00	\$ -	\$ -
No Change									

Project: Comp. Water Improvements Phase III - Mobile & Bouie St. Area
City of Hattiesburg
Contractor: T.L. Wallace
4025 Hwy. 35 North, Columbia, MS 39429
Pay Estimate No.: Sixteen (16) and Final

Pay Period: March 25, 2017 - August 28, 2017

Item No.	Item Description	Total Quantities			Unit	Price	Amount
		Quantity	Allowed This Period	Allowed			
		On Contract		To Date			

CONTRACT TOTAL: \$1,722,687.00

Site 1 - Columbia, Eupora, Lake, Phillipps & W 5th Streets

\$182,725.00

	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	40		25.00	LF	\$ 15.00	\$ 375.00
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	1,310		1327.00	LF	\$ 23.00	\$ 30,521.00
3	8" Class 350 Ductile Iron Water Pipe (Open Cut)	920		902.00	LF	\$ 25.00	\$ 22,550.00
	Connection Items						
4	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 2,500.00	\$ 2,500.00
5	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,600.00	\$ 1,600.00
6	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
7	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	3		3.00	Each	\$ 1,900.00	\$ 5,700.00
8	Connection: Proposed 6" Water Line to Existing 2" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,200.00	\$ 1,200.00
	Valve and Hydrant Items						
9	2" Gate Valve	1		2.00	Each	\$ 550.00	\$ 1,100.00
10	6" Gate Valve	2		2.00	Each	\$ 775.00	\$ 1,550.00
11	8" Gate Valve	1		1.00	Each	\$ 1,100.00	\$ 1,100.00
12	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	4		4.00	Each	\$ 3,325.00	\$ 13,300.00
	Water Service Items						
13	Service Tubing (Bored) (Size Varies to 1 1/2")	215		127.00	LF	\$ 24.00	\$ 3,048.00
14	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	21		22.00	Each	\$ 285.00	\$ 6,270.00
15	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1		2.00	Each	\$ 430.00	\$ 860.00
	Miscellaneous Construction Items						
16	Concrete Pavement Repair (All Depths)	115		79.70	SY	\$ 120.00	\$ 9,564.00
17	Asphalt Pavement Repair (All Depths)	500		281.50	SY	\$ 88.00	\$ 24,772.00
18	Concrete Curb & Gutter Repair (All Types)	166		0.00	LF	\$ 35.00	\$0.00
19	Concrete Sidewalk Repair	17		18.30	SY	\$ 130.00	\$ 2,379.00
20	Temporary Erosion Control	1		1.00	LS	\$ 2,400.00	\$ 2,400.00
21	Grassing	1		1.00	LS	\$ 800.00	\$ 800.00
22	Mobilization	1		1.00	LS	\$ 17,000.00	\$ 17,000.00
23	Maintenance of Traffic	1		1.00	LS	\$ 2,400.00	\$ 2,400.00
						Sub-total	\$ 152,489.00

	Site 2 - Montague Street						
	Water Pipe Items						
1	6" Class 350 Ductile Iron Water Pipe (Open Cut)	20		8.00	LF	\$ 40.00	\$ 320.00
2	8" Class 350 Ductile Iron Water Pipe (Open Cut)	650		636.00	LF	\$ 26.00	\$ 16,536.00
	Connection Items						
3	Connection: Proposed 8" Water Line to Existing 20" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 8,550.00	\$ 8,550.00
4	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
	Valve and Hydrant Items						

Item No.	Item Description	Total Quantities			Unit	Unit	
		Quantity	Allowed This Period	Allowed To Date		Price	Amount
		On Contract					
5	6" Gate Valve	2		2.00	Each	\$ 775.00	\$ 1,550.00
6	8" Gate Valve	1		1.00	Each	\$ 1,100.00	\$ 1,100.00
7	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	1		1.00	Each	\$ 3,325.00	\$ 3,325.00
	Water Service Items						
8	Service Tubing (Bored) (Size Varies to 1 1/2")	180		168.00	LF	\$ 24.00	\$ 4,032.00
9	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	15		15.00	Each	\$ 285.00	\$ 4,275.00
	Miscellaneous Construction Items						
10	Concrete Pavement Repair (All Depths)	38		19.73	SY	\$ 124.00	\$ 2,446.52
11	Asphalt Pavement Repair (All Depths)	92	15.00	40.20	SY	\$ 95.00	\$ 3,819.00
12	Concrete Curb & Gutter Repair (All Types)	25		41.00	LF	\$ 52.00	\$ 2,132.00
13	Temporary Erosion Control	1	0.05	1.00	LS	\$ 750.00	\$ 750.00
14	Grassing	1		1.00	LS	\$ 800.00	\$ 800.00
15	Mobilization	1		1.00	LS	\$ 4,000.00	\$ 4,000.00
16	Maintenance of Traffic	1	0.05	1.00	LS	\$ 900.00	\$ 900.00
						Sub-total	\$ 56,035.52
	Site 3 - McLaurin Street						
	Water Pipe Items						
1	6" Class 350 Ductile Iron Water Pipe (Open Cut)	660		638.00	LF	\$ 23.00	\$ 14,674.00
	Connection Items						
2	Connection: Proposed 6" Water Line to Existing 20" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 8,550.00	\$ 8,550.00
3	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 1,900.00	\$ 1,900.00
	Valve and Hydrant Items						
4	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	1		1.00	Each	\$ 3,325.00	\$ 3,325.00
	Water Service Items						
5	Service Tubing (Bored) (Size Varies to 1 1/2")	70		40.00	LF	\$ 24.00	\$ 960.00
6	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	3		3.00	Each	\$ 285.00	\$ 855.00
	Miscellaneous Construction Items						
7	Concrete Pavement Repair (All Depths)	20		21.00	SY	\$ 124.00	\$ 2,604.00
8	Asphalt Pavement Repair (All Depths)	35	23.55	50.65	SY	\$ 95.00	\$ 4,811.75
9	Concrete Curb & Gutter Repair (All Types)	40		0.00	LF	\$ 63.00	\$ 0.00
10	Concrete Sidewalk Repair	2		3.80	SY	\$ 150.00	\$ 570.00
11	Temporary Erosion Control	1		1.00	LS	\$ 750.00	\$ 750.00
12	Grassing	1		1.00	LS	\$ 800.00	\$ 800.00
13	Mobilization	1		1.00	LS	\$ 4,000.00	\$ 4,000.00
14	Maintenance of Traffic	1	0.05	1.00	LS	\$ 900.00	\$ 900.00
						Sub-total	\$ 44,699.75
	Site 4 - E 9th, Coit, E 10th, Lula, Inez, Allen, Gravel, Heiddle & Kinnard St's						
	Water Pipe Items						
1	1" Sch 80 PVC (Open Cut)	10		0.00	LF	\$ 15.00	\$ 0.00
2	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20	30.00	30.00	LF	\$ 20.00	\$ 600.00
3	4" Class 350 Ductile Iron Water Pipe (Open Cut)	20		2.00	LF	\$ 30.00	\$ 60.00
4	6" Class 350 Ductile Iron Water Pipe (Open Cut)	3,670	137.43	3,544.43	LF	\$ 23.00	\$ 81,521.89
5	8" Class 350 Ductile Iron Water Pipe (Open Cut)	2,875		2,972.00	LF	\$ 26.00	\$ 77,272.00
6	12" Class 350 Ductile Iron Water Pipe (Open Cut)	1,030		1007.00	LF	\$ 45.00	\$ 45,315.00
7	16" 200 PSI, DR9, HDPE (Open Cut) (Incl. adapter fittings)	100		100.00	LF	\$ 87.00	\$ 8,700.00
8	20" Steel Casing, 0.25" WT (Bored)	80		80.00	LF	\$ 138.00	\$ 11,040.00
	Connection Items						

Item No.	Item Description	Total Quantities			Unit	Unit	
		Quantity	Allowed This Period	Allowed To Date		Price	Amount
		On Contract					
9	Connection: Proposed 12" Water Line to Proposed 8" & 6" Water Lines (Cross & other fittings)	1		1.00	Each	\$ 2,200.00	\$ 2,200.00
10	Connection: Proposed 12" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	2		2.00	Each	\$ 3,950.00	\$ 7,900.00
11	Connection: Proposed 8" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 2,550.00	\$ 2,550.00
12	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	1	1.00	1.00	Each	\$ 2,000.00	\$ 2,000.00
13	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	1	-1.00	0.00	Each	\$ 1,600.00	\$0.00
14	Connection: Proposed 8" Water Line to Existing 4" Water Line (Tee & other fittings)	1	1.00	1.00	Each	\$ 1,400.00	\$ 1,400.00
15	Connection: Proposed 8" Water Line to Proposed 6" Water Line (Tee & other fittings)	3		3.00	Each	\$1,800.00	\$ 5,400.00
16	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		0.00	Each	\$1,400.00	\$0.00
17	Connection: Proposed 6" Water Line to Existing 6" Water Line (Cross & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
18	Connection: Proposed 6" Water Line to Existing 6" Water Line (Tee & other fittings)	3	2.00	2.00	Each	\$ 1,600.00	\$ 3,200.00
19	Connection: Proposed 6" Water Line to Existing 1" Water Line (Hot Tap w/ Valve Assembly)	1	1.00	1.00	Each	\$ 375.00	\$ 375.00
20	Connection: Proposed 4" Water Line to Existing 2" Water Line (Straight Connection & other fittings)	1		1.00	Each	\$ 275.00	\$ 275.00
	Valve and Hydrant Items						
21	4" Gate Valve	1		1.00	Each	\$ 700.00	\$ 700.00
22	6" Gate Valve	18		14.00	Each	\$ 775.00	\$ 10,850.00
23	8" Gate Valve	11		11.00	Each	\$ 1,100.00	\$ 12,100.00
24	12" Gate Valve	4		4.00	Each	\$ 2,000.00	\$ 8,000.00
25	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	18		18.00	Each	\$ 3,325.00	\$ 59,850.00
	Water Service Items						
26	Service Tubing (Bored) (Size Varies to 1 1/2")	1,240		1015.00	LF	\$ 24.00	\$ 24,360.00
27	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	56		59.00	Each	\$ 275.00	\$ 16,225.00
28	Commercial Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	2		0.00	Each	\$ 1,000.00	\$0.00
29	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	6	1.00	2.00	Each	\$ 433.00	\$ 866.00
	Miscellaneous Construction Items						
30	Removal of Fire Hydrant and Appurtenances	2		2.00	Each	\$ 250.00	\$ 500.00
31	Concrete Paved Ditch	4		2.60	CY	\$ 675.00	\$ 1,755.00
32	Concrete Pavement Repair (All Depths)	78		51.10	SY	\$ 115.00	\$ 5,876.50
33	Asphalt Pavement Repair (All Depths)	954	172.20	540.17	SY	\$ 86.00	\$ 46,454.62
34	Concrete Sidewalk Repair	26		7.20	SY	\$ 130.00	\$ 936.00
35	Temporary Erosion Control	1		1.00	LS	\$ 5,500.00	\$ 5,500.00
36	Grassing	1		1.00	LS	\$ 2,500.00	\$ 2,500.00
37	Mobilization	1		1.00	LS	\$37,000.00	\$ 37,000.00
SA 38	Site Investigation, 3 days, includes asphalt removal, sandfill material and crushed limestone 610 tempory surface	1		1.00	LS	\$ 6,720.00	\$ 6,720.00
SA 39	Removing existing 6" waterline	28		28.00	LF	\$ 53.00	\$ 1,484.00
SA 40	Install 6" CL 350 DI Pipe (Open Cut)	77		77.00	LF	\$ 53.00	\$ 4,081.00
SA 41	6" HDPE bore under storm drains	1		1.00	LS	\$ 2,500.00	\$ 2,500.00
SA 42	3/4 in SVS tubing (Open Cut)	125		125.00	LF	\$ 10.00	\$ 1,250.00
SA 43	Install 12" risers on 3-way Fire Hydrant	7		7.00	Each	\$ 690.00	\$ 4,830.00

Item No.	Item Description	Total Quantities			Unit	Unit	
		Quantity	Allowed This Period	Allowed To Date		Price	Amount
		On Contract					
						Sub-total	\$505,647.01
	Site 5 - Atlanta Street						
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20	-137.50	0.00	LF	\$ 20.00	\$0.00
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	20		8.00	LF	\$ 30.00	\$ 240.00
3	8" Class 350 Ductile Iron Water Pipe (Open Cut)	1,410		1406.00	LF	\$ 26.00	\$ 36,556.00
	Connection Items						
4	Connection: Proposed 8" Water Line to Existing 12" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 2,600.00	\$ 2,600.00
5	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 2,600.00	\$ 2,600.00
6	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	1		1.00	Each	\$ 1,800.00	\$ 1,800.00
7	Connection: Proposed 8" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	2		0.00	Each	\$ 700.00	\$0.00
	Valve and Hydrant Items						
8	6" Gate Valve	2		2.00	Each	\$ 775.00	\$ 1,550.00
9	8" Gate Valve	2		2.00	Each	\$ 1,100.00	\$ 2,200.00
10	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	3		3.00	Each	\$ 3,225.00	\$ 9,675.00
	Water Service Items						
11	Service Tubing (Bored) (Size Varies to 1 1/2")	640		444.00	LF	\$ 24.00	\$ 10,656.00
12	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	25		27.00	Each	\$ 290.00	\$ 7,830.00
13	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1		0.00	Each	\$ 435.00	\$0.00
	Miscellaneous Construction Items						
14	Removal of Fire Hydrant and Appurtenances	1		1.00	Each	\$ 250.00	\$ 250.00
15	Concrete Pavement Repair (All Depths)	55		19.00	SY	\$ 120.00	\$ 2,280.00
16	Asphalt Pavement Repair (All Depths)	233		226.65	SY	\$ 88.00	\$ 19,945.20
17	Concrete Curb & Gutter Repair (All Types)	10		0.00	LF	\$ 80.00	\$0.00
18	Concrete Sidewalk Repair	3		0.00	SY	\$ 130.00	\$0.00
19	Temporary Erosion Control	1		1.00	LS	\$ 1,000.00	\$ 1,000.00
20	Grassing	1	0.10	1.00	LS	\$ 800.00	\$ 800.00
21	Mobilization	1		1.00	LS	\$ 7,300.00	\$ 7,300.00
22	Maintenance of Traffic	1		1.00	LS	\$ 1,800.00	\$ 1,800.00
SA 23	Connection: Proposed 8" Water Line to Existing 2" Water Line	1		1.00	LS	\$ 2,750.00	\$ 2,750.00
						Sub-total	\$111,832.20
	Site 6 - E 9th Street						
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	40		0.00	LF	\$ 15.00	\$0.00
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	20		0.00	LF	\$ 30.00	\$0.00
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	920		887.00	LF	\$ 22.00	\$ 19,514.00
	Connection Items						
4	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	2		2.00	Each	\$ 1,900.00	\$ 3,800.00
5	Connection: Proposed 6" Water Line to Existing 4" Water Line (Tee & other fittings)	1		0.00	Each	\$ 1,300.00	\$0.00
6	Connection: Proposed 6" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	2	2.00	2.00	Each	\$ 650.00	\$ 1,300.00
	Valve and Hydrant Items						
7	4" Gate Valve	1		1.00	Each	\$ 700.00	\$ 700.00

Item No.	Item Description	Total Quantities			Unit	Unit	
		Quantity	Allowed This Period	Allowed		Price	Amount
		On Contract		To Date			
8	8" Gate Valve	2		0.00	Each	\$ 1,100.00	\$0.00
9	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	2		2.00	Each	\$ 3,325.00	\$ 6,650.00
	Water Service Items						
10	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	7		6.00	Each	\$ 285.00	\$ 1,710.00
11	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1		0.00	Each	\$ 432.00	\$0.00
	Miscellaneous Construction Items						
12	Concrete Pavement Repair (All Depths)	11		0.00	SY	\$ 127.00	\$0.00
13	Asphalt Pavement Repair (All Depths)	355		160.56	SY	\$ 87.00	\$ 13,968.72
14	Concrete Curb & Gutter Repair (All Types)	10		0.00	LF	\$ 85.00	\$0.00
15	Concrete Sidewalk Repair	15		0.00	SY	\$ 130.00	\$0.00
16	Temporary Erosion Control	1	0.10	1.00	LS	\$ 750.00	\$ 750.00
17	Grassing	1	-1.00	1.00	LS	\$ 800.00	\$ 800.00
18	Mobilization	1		1.00	LS	\$ 5,000.00	\$ 5,000.00
19	Maintenance of Traffic	1	0.10	1.00	LS	\$ 1,800.00	\$ 1,800.00
						Sub-total	\$55,992.72
	Site 7 - Whitney, E 8th & E 10th Streets						
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20		15.00	LF	\$ 20.00	\$ 300.00
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	20		14.00	LF	\$ 30.00	\$ 420.00
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	1,650	-111.36	1629.00	LF	\$ 22.00	\$ 35,838.00
4	8" Class 350 Ductile Iron Water Pipe (Open Cut)	2,325		2224.00	LF	\$ 26.00	\$ 57,824.00
	Connection Items						
5	Connection: Proposed 8" Water Line to Proposed 8" Water Line (Tee & other fittings)	1	1.00	1.00	Each	\$ 1,600.00	\$ 1,600.00
6	Connection: Proposed 8" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,600.00	\$ 1,600.00
7	Connection: Proposed 8" Water Line to Existing 8" Water Line (Hot Tap w/ Valve Assembly)	1		2.00	Each	\$ 2,500.00	\$ 5,000.00
8	Connection: Proposed 8" Water Line to Existing 6" Water Line (Cross & other fittings)	1		1.00	Each	\$ 2,000.00	\$ 2,000.00
9	Connection: Proposed 8" Water Line to Existing 6" Water Line (Tee & other fittings)	2		0.00	Each	\$ 1,900.00	\$0.00
10	Connection: Proposed 8" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 650.00	\$ 650.00
11	Connection: Proposed 8" Water Line to Existing 1" Water Line (Hot Tap w/ Valve Assembly)	2		2.00	Each	\$ 400.00	\$ 800.00
12	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1	-1.00	4.00	Each	\$ 1,900.00	\$ 7,600.00
13	Connection: Proposed 6" Water Line to Existing 6" Water Line (Cross & other fittings)	1		0.00	Each	\$ 1,900.00	\$0.00
14	Connection: Proposed 6" Water Line to Existing 4" Water Line (Cross & other fittings)	1		1.00	Each	\$ 1,800.00	\$ 1,800.00
	Valve and Hydrant Items						
15	4" Gate Valve	2		2.00	Each	\$ 700.00	\$ 1,400.00
16	6" Gate Valve	12	-1.00	4.00	Each	\$ 800.00	\$ 3,200.00
17	8" Gate Valve	7	1.00	5.00	Each	\$ 1,100.00	\$ 5,500.00
18	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	6		6.00	Each	\$ 3,325.00	\$ 19,950.00
	Water Service Items						

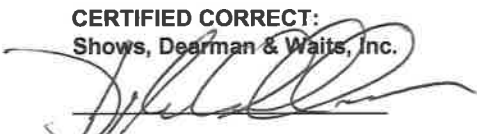
Item No.	Item Description	Total Quantities			Unit	Unit	
		Quantity On Contract	Allowed This Period	Allowed To Date		Price	Amount
19	Service Tubing (Bored) (Size Varies to 1 1/2")	755		526.00	LF	\$ 24.00	\$ 12,624.00
20	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	40		36.00	Each	\$ 290.00	\$ 10,440.00
21	Residential Meter (Incl: Meter, Meter Box, City Fees, etc)	1		0.00	Each	\$ 432.00	\$0.00
	Miscellaneous Construction Items						
22	Removal of Fire Hydrant and Appurtenances	3	1.00	3.00	Each	\$ 250.00	\$ 750.00
23	Concrete Pavement Repair (All Depths)	155		7.50	SY	\$ 115.00	\$ 862.50
24	Asphalt Pavement Repair (All Depths)	759		332.18	SY	\$ 86.00	\$ 28,567.48
25	Concrete Curb & Gutter Repair (All Types)	50		37.00	LF	\$ 50.00	\$ 1,850.00
26	Concrete Sidewalk Repair	12		6.86	SY	\$ 130.00	\$ 891.80
27	Temporary Erosion Control	1	0.05	1.00	LS	\$ 5,900.00	\$ 5,900.00
28	Grassing	1		1.00	LS	\$ 1,500.00	\$ 1,500.00
29	Mobilization	1		1.00	LS	\$ 19,500.00	\$ 19,500.00
30	Maintenance of Traffic	1	0.05	1.00	LS	\$ 2,350.00	\$ 2,350.00
SA 31	Lower Elevation on Existing 4" line along River Street	1		1.00	LS	\$ 2,450.00	\$ 2,450.00
SA 32	Complete Cutting/Moving Fire Hydrant on 8th Street	1		1.00	LS	\$ 2,450.00	\$ 2,450.00
						Sut-total	\$ 235,617.78
	Site 8 - E 6th Street						
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20		55.00	LF	\$ 20.00	\$ 1,100.00
2	6" Class 350 Ductile Iron Water Pipe (Open Cut)	980	-71.00	1004.00	LF	\$ 23.00	\$ 23,092.00
	Connection Items						
3	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	2		3.00	Each	\$ 1,900.00	\$ 5,700.00
4	Connection: Proposed 6" Water Line to Existing 2" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 650.00	\$ 650.00
	Valve and Hydrant Items						
5	6" Gate Valve	2	-2.00	2.00	Each	\$ 800.00	\$ 1,600.00
6	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	3		3.00	Each	\$ 3,325.00	\$ 9,975.00
	Water Service Items						
7	Service Tubing (Bored) (Size Varies to 1 1/2")	80		72.00	LF	\$ 24.00	\$ 1,728.00
8	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	7		6.00	Each	\$ 285.00	\$ 1,710.00
	Miscellaneous Construction Items						
9	Concrete Pavement Repair (All Depths)	44		19.74	SY	\$ 122.00	\$ 2,408.28
10	Asphalt Pavement Repair (All Depths)	301		90.62	SY	\$ 89.00	\$ 8,065.18
11	Concrete Curb & Gutter Repair (All Types)	20		3.00	LF	\$ 65.00	\$ 195.00
12	Concrete Sidewalk Repair	2		0.00	SY	\$ 130.00	\$0.00
13	Temporary Erosion Control	1	0.05	1.00	LS	\$ 750.00	\$ 750.00
14	Grassing	1		1.00	LS	\$ 800.00	\$ 800.00
15	Mobilization	1		1.00	LS	\$ 5,400.00	\$ 5,400.00
16	Maintenance of Traffic	1	0.10	1.00	LS	\$ 900.00	\$ 900.00
SA 17	Complete Cutting/Moving Fire Hydrant Thirty Feet	1		1.00	LS	\$ 750.00	\$ 750.00
SA 18	Repair Leaks to Existing Water Mains/Service Mains along 5th and 6th Streets	1		1.00	LS	\$ 880.58	\$ 880.58
						Sub-total	\$ 65,704.04
	Site 9 – E 5th & Short E 5th Streets & Ferguson Alley						
	Water Pipe Items						
1	2" Class 350 Ductile Iron Water Pipe (Open Cut)	20		10.00	LF	\$ 20.00	\$ 200.00
2	4" Class 350 Ductile Iron Water Pipe (Open Cut)	230		207.00	LF	\$ 30.00	\$ 6,210.00

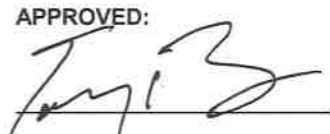
Item No.	Item Description	Total Quantities			Unit	Unit	
		Quantity On Contract	Allowed This Period	Allowed To Date		Price	Amount
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	1,090		1062.00	LF	\$ 23.00	\$ 24,426.00
	Connection Items						
4	Connection: Proposed 6" Water Line to Proposed 6" & 4" Water Lines (Tee & other fittings)	1		1.00	Each	\$ 1,500.00	\$ 1,500.00
5	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	2		2.00	Each	\$1,900.00	\$ 3,800.00
6	Connection: Proposed 4" Water Line to Existing 2" Water Line (Straight Connection & other fittings)	1		1.00	Each	\$300.00	\$ 300.00
	Valve and Hydrant Items						
7	4" Gate Valve	1		1.00	Each	\$ 700.00	\$ 700.00
8	6" Gate Valve	1	-1.00	1.00	Each	\$ 800.00	\$ 800.00
9	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	4		4.00	Each	\$ 3,325.00	\$ 13,300.00
	Water Service Items						
10	Service Tubing (Bored) (Size Varies to 1 1/2")	60		128.00	LF	\$ 24.00	\$ 3,072.00
11	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	9		5.00	Each	\$ 285.00	\$ 1,425.00
	Miscellaneous Construction Items						
12	Removal of Fire Hydrant and Appurtenances	1		1.00	Each	\$ 250.00	\$ 250.00
13	Concrete Pavement Repair (All Depths)	13		18.10	SY	\$ 150.00	\$ 2,715.00
14	Asphalt Pavement Repair (All Depths)	460		496.17	SY	\$ 88.00	\$ 43,662.96
15	Concrete Curb & Gutter Repair (All Types)	20		28.00	LF	\$ 65.00	\$ 1,820.00
16	Concrete Sidewalk Repair	2		4.00	SY	\$ 130.00	\$ 520.00
17	Temporary Erosion Control	1	0.05	1.00	LS	\$ 1,000.00	\$ 1,000.00
18	Grassing	1	0.10	1.00	LS	\$ 800.00	\$ 800.00
19	Mobilization	1		1.00	LS	\$ 7,000.00	\$ 7,000.00
20	Maintenance of Traffic	1	0.10	1.00	LS	\$ 2,400.00	\$ 2,400.00
						Sub-total	\$ 115,900.96
	Site 10 - River, E 6th & E 5th Streets & Beta Avenue						
	Water Pipe Items						
1	1" Sch 80 PVC (Open Cut)	10		0.00	LF	\$ 15.00	\$0.00
2	2" Class 350 Ductile Iron Water Pipe (Open Cut)	270		244.00	LF	\$ 20.00	\$ 4,880.00
3	6" Class 350 Ductile Iron Water Pipe (Open Cut)	2,760		2504.00	LF	\$ 23.00	\$ 57,592.00
	Connection Items						
4	Connection: Proposed 6" Water Line to Proposed 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,300.00	\$ 1,300.00
5	Connection: Proposed 6" Water Line to Proposed 6" & 2" Water Lines (Tee & other fittings)	1		1.00	Each	\$ 1,400.00	\$ 1,400.00
6	Connection: Proposed 6" Water Line to Proposed 6" & Existing 2" Water Lines (Tee & other fittings)	1		1.00	Each	\$1,100.00	\$ 1,100.00
7	Connection: Proposed 6" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$1,900.00	\$ 1,900.00
8	Connection: Proposed 6" Water Line to Existing 6" Water Line (Tee & other fittings)	1		1.00	Each	\$ 1,400.00	\$ 1,400.00
9	Connection: Proposed 6" Water Line to Existing 6" Water Line (Straight Connection & other fittings)	1		1.00	Each	\$ 600.00	\$ 600.00
10	Connection: Proposed 2" Water Line to Existing 6" Water Line (Hot Tap w/ Valve Assembly)	1		1.00	Each	\$ 850.00	\$ 850.00
11	Connection: Proposed 2" Water Line to Existing 2" Water Line (Tee & other fittings)	1		1.00	Each	\$ 400.00	\$ 400.00
	Valve and Hydrant Items						
12	2" Gate Valve	2		1.00	Each	\$ 600.00	\$ 600.00
13	6" Gate Valve	6		6.00	Each	\$ 800.00	\$ 4,800.00

Item No.	Item Description	Total Quantities			Unit	Unit	Amount
		Quantity	Allowed This Period	Allowed To Date		Price	
		On Contract					
14	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	6		6.00	Each	\$ 3,325.00	\$ 19,950.00
15	Blow-Off Valve w/ Appurtenances (Incl. Tee, Valve, Pipe & other fittings)	1		1.00	Each	\$ 900.00	\$ 900.00
	Water Service Items						
16	Service Tubing (Bored) (Size Varies to 1 1/2")	60		64.00	LF	\$ 24.00	\$ 1,536.00
17	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	19		12	Each	\$ 285.00	\$ 3,420.00
	Miscellaneous Construction Items						
18	Removal of Fire Hydrant and Appurtenances	2		2.00	Each	\$ 250.00	\$ 500.00
19	Concrete Pavement Repair (All Depths)	39		7.50	SY	\$ 120.00	\$ 900.00
20	Asphalt Pavement Repair (All Depths)	469		280.52	SY	\$ 88.00	\$ 24,685.76
21	Concrete Curb & Gutter Repair (All Types)	20		9.00	LF	\$ 65.00	\$ 585.00
22	Concrete Sidewalk Repair	8		7.14	SY	\$ 130.00	\$ 928.20
23	Temporary Erosion Control	1	0.05	1.00	LS	\$ 2,200.00	\$ 2,200.00
24	Grassing	1	0.10	1.00	LS	\$ 1,500.00	\$ 1,500.00
25	Mobilization	1		1.00	LS	\$ 15,000.00	\$ 15,000.00
26	Maintenance of Traffic	1	0.10	1.00	LS	\$ 1,800.00	\$ 1,800.00
SA 27	Install 6" risers on 3-Way Fire Hydrant	2		2.00	Each	\$ 595.00	\$ 1,190.00
						Sub-total	\$151,916.96
					TOTAL SITES 1-10		\$ 1,495,835.94

Percent Complete: 87%
Time Elapsed to date: 236%

Total Earned - Regular Work	\$ 1,495,835.94
Less 2.5% Retainage	\$ -
Stored Materials	
Total Due - Regular Work	1,495,835.94
Less Previous Payments	\$ 1,492,671.77
Net Amount Due This Estimate	\$ 3,164.17
Less Deductions	\$ -
Net Payment Due	\$ 3,164.17

CERTIFIED CORRECT:
Shows, Dearman & Waits, Inc.

Project Engineer

APPROVED:

OWNER



City of Hattiesburg, MS

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

Master

File Number: 2018-376

File ID: 2018-376

Type: Regular Agenda Item

Status: Approved

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 04/09/2018

Brief Title: Accept Appraisal Review Report, establish Fair Market Value and authorize issuance of offer for Lamar Co. Parcel PPIN 35075 for the J. Ed Turner Multi-Use Path project.

Final Action: 04/17/2018

Minute Book Number: MB2018-107

Title:

Acknowledge receipt of and accept Appraisal Review Report for a portion of Parcel PPIN 35075 located in Lamar County for the J. Ed Turner Multi-Use Path Corridor project; Approve Establishment of Just Compensation and declare Appraised Value of \$23,500 to be Fair Market Value pursuant to MS Code 43-37-3 and other applicable statutes; Authorize offer to owner for Fair Market Value of \$23,500; Authorize issuance of manual check in payment upon acceptance of offer.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: V.-17

Sponsors:

Enactment Date:

Attachments: Just Compensation Offer- revised, Establishment of Just Comp Offer- executed, Stan Black - PPIN 35075 - Combined Appr. Rev. and Appr_, FC15-220_ALTA_New_ROW Survey_2017-11-01

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council - Amendments to the Agenda	04/16/2018					
1	City Council	04/17/2018	Acknowledge				Pass

Action Text: A MOTION was made by Council Member George and seconded by Council Vice President Dryden to Acknowledge receipt of Establishment of Just Compensation and Appraisal Review Report for a portion of Parcel PPIN 35075 located in Lamar County for the J. Ed Turner Multi-Use Path Corridor project; Authorize offer to owner for established just compensation of \$23,500; Authorize issue of manual check upon acceptance of offer.

Council member George thanked the Forrest County Board of Supervisors and Supervisor Chris Bowen in particular for partnering with the City.

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

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

Nays: 0

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

Text of Legislative File 2018-376

Title

Acknowledge receipt of and accept Appraisal Review Report for a portion of Parcel PPIN 35075 located in Lamar County for the J. Ed Turner Multi-Use Path Corridor project; Approve Establishment of Just Compensation and declare Appraised Value of \$23,500 to be Fair Market Value pursuant to MS Code 43-37-3 and other applicable statutes; Authorize offer to owner for Fair Market Value of \$23,500; Authorize issuance of manual check in payment upon acceptance of offer.

Summary

Accept Appraisal Review Report, establish Fair Market Value and authorize issuance of offer for Lamar Co. Parcel PPIN 35075 for the J. Ed Turner Multi-Use Path project.

Budget Information

072201.7210

Establishment of Just Compensation Offer

This document is prepared pursuant to Federal regulation at 49 CFR 24.102(d)

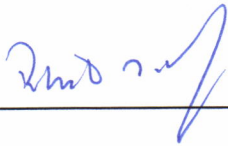
"Establishment and offer of just compensation. Before the initiation of negotiations, the Agency shall establish an amount which it believes is just compensation for the real property. The amount shall not be less than the approved appraisal of the market value of the property, taking into account the value of allowable damages or benefits to any remaining property. An Agency official must establish the amount believed to be just compensation".

The property that is the subject of this offer of just compensation is as follows:

Owner: Stan Black
Parcel No: PPIN 35075
Project No: Sidewalk – J Ed Turner Drive
County: Lamar

Under the authority conveyed to me by the City of Hattiesburg, and based on the recommended appraisal for the above-named property, which is inclusive of all compensable interests, I, *Robert Jackson*, Project Attorney, do hereby establish the City of Hattiesburg's offer of what is believed to be just compensation for the acquisition of the real property rights specified, in the amount of \$23,500.

Signed



Date

2-28-18

NOTICE TO ACQUISITION AGENTS

The "just compensation" figure specified above is the total offer for the property, inclusive of all interests. If more than one interest exists for the property, (T's, Q's, E's), please refer to the appraisal review report for allocation of this "just compensation" figure to the various interests that exist.

Establishment of Just Compensation Offer

This document is prepared pursuant to Federal regulation at 49 CFR 24.102(d)

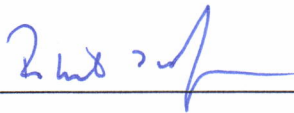
"Establishment and offer of just compensation. Before the initiation of negotiations, the Agency shall establish an amount which it believes is just compensation for the real property. The amount shall not be less than the approved appraisal of the market value of the property, taking into account the value of allowable damages or benefits to any remaining property. An Agency official must establish the amount believed to be just compensation".

The property that is the subject of this offer of just compensation is as follows:

Owner: Stan Black
Parcel No: PPIN 35075
Project No: Sidewalk – J Ed Turner Drive
County: Lamar

Under the authority conveyed to me by the Lamar County Board of Supervisors, and based on the recommended appraisal for the above-named property, which is inclusive of all compensable interests, I, *Robert Jackson*, Project Attorney, do hereby establish the City of Hattiesburg's offer of what is believed to be just compensation for the acquisition of the real property rights specified, in the amount of \$23,500.

Signed



Date 2/28/18

NOTICE TO ACQUISITION AGENTS

The "just compensation" figure specified above is the total offer for the property, inclusive of all interests. If more than one interest exists for the property, (T's, Q's, E's), please refer to the appraisal review report for allocation of this "just compensation" figure to the various interests that exist.

APPRAISAL REVIEW REPORT

Parcel Number(s)	PPIN 35075
Owner	Stan Black
Vacant / Occupied / Leased	Vacant
County	Lamar
Project Number	Sidewalk - J Ed Turner Drive
FAP Number	NA
Project Description	Jed Turner Drive; Multi-Use Path Corridor
Effective Date of Review Report	02/22/2018
Review Report Date	02/22/2018
Review Report Requested for	Original Appraisal

Prepared For



**City of Hattiesburg
C/O Rob Jackson, Attorney at Law
P.O. Box 15517
Hattiesburg, MS 39404**

This Appraisal Review Report Was Prepared By

John B. "Jeb" Stewart, SR/WA
Certified General Real Estate Appraiser #231
P.O. Box 804; 3340 N. Liberty Street, Canton, MS 39046

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Appraisal Review of Fair Market Value

Identification of the Appraisal Report Under Review	
Owner:	Stan Black
Parcel No:	PPIN 35075
Project No:	Sidewalk - J Ed Turner Drive
County:	Lamar

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. There are no other intended users.

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. There are no other intended uses.

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:	<u>02/07/2018</u>	Report Date:	<u>02/13/2018</u>						
Appraisal By:	<u>Jonathon Null, MAI; GA-799</u>								
Other Appraisals By:		Date:							
Remainder:	<u>Uneconomic Remnant</u>	☐ Yes	☒ No						
Estate Appraised and Under Review		☒ Fee ☐ Easement ☐ Other	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Area of Whole Tract</td> <td style="text-align: right;"><u>25.94 Acres</u></td> </tr> <tr> <td>Area of Remaining Tract</td> <td style="text-align: right;"><u>24.06 Acres</u></td> </tr> <tr> <td>Area to be Acquired</td> <td style="text-align: right;"><u>1.88 Acres</u></td> </tr> </table>	Area of Whole Tract	<u>25.94 Acres</u>	Area of Remaining Tract	<u>24.06 Acres</u>	Area to be Acquired	<u>1.88 Acres</u>
Area of Whole Tract	<u>25.94 Acres</u>								
Area of Remaining Tract	<u>24.06 Acres</u>								
Area to be Acquired	<u>1.88 Acres</u>								

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, 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, 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 assignment includes the reviewer developing his or her own opinion of value or review opinion, the following apply: (i) The requirements of STANDARDS 1, 5, 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>
None	

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 2/22/2018; the most recent date of inspection of the property and related comparable sales. 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	\$324,250	\$300,750	\$23,500
Cost Approach			
Income Approach			

Description of the Property Under Review	(Size - Before, After and Acquisition; Improvements; Location of acquisition; etc..)
The subject property is a suburban tract of vacant property consisting of 25.94± acres located along the south side of Jed Turner Drive within the city limits of Hattiesburg, Lamar County, MS. The property is more specifically described as being within the NE ¼ NW ¼ and the NW ¼ NW ¼ of Section 2, T4N, R14W, Lamar County, MS. The property is rectangular in shape with 900 feet of width or frontage along J Ed Turner Drive with an average length of 1,250 lf more or less. Also, along the southern boundary exist a rails to trails; a paved recreational trail. The subject property is within the city limits of Hattiesburg and would normally subscribe to city zoning codes. However, it was reported that as of 2-9-18 the property hasn't been zoned. However, any proposed use would have to be approved by the zoning department at which time a zoning class would be assigned. I am of the opinion the property would most likely be zoned or restricted in use to the surrounding/adjoining uses or residential development. The topography is gently rolling covered in various types of timber. Reportedly, a portion of the property is within a cut or gully creating a ditch or drain bisecting the property. The majority of the property is located outside the flood hazard area being within zone x, 500 year flood zone, with approximately 10% being within a designated flood hazard area along the before mentioned drain or ditch that bisects the property. This area is shown as being within zone AE, 100 year flood zone. Please refer to the illustration on page 36 of the appraisal report for a visual aid. Within the Larger Parcel Discussion, the appraiser recognized the total property represented the LP. The subject property is most likely encumbered by typical utility easements along the road frontage. Typical utilities are available along the roadways include water, electricity, and telephone and do not adversely affect the	

Parcel No. PPIN 35075

Project No. Sidewalk - J Ed Turner Drive

property. As the property is located in the city, all city services are available to the subject site to include public sewer; public water; telephone, etc. as well as police and fire protection.

Within the highest and best use discussion, the appraiser discussed the various uses that would be physically possible; legally permissible; financially feasible; and the most maximally productive use. The appraiser discussed each in detail and determined that the highest and best use would be for residential development. This use is the predominant use in the immediate area.

The acquisition area consists of 1.88 acres±. The acquisition area is located along the eastern property line with a width of 58 feet more or less and a length of 1,354 feet more or less. As previously reported, the property is lightly timbered with some timber within the area to be acquired. The acquisition area will be acquired in fee simple.

In the after condition, the property will consist of 24.06 acres more or less. The property will retain similar access and other characteristics in the after condition as in the before condition. The appraiser considered damages; however, none were indicated. The same highest and best use was determined in the after condition as the before.

Please note; any Extraordinary Assumptions within the appraisal apply to this appraisal review as well.

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>
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 due to this. The appraiser contacted the property owner whom accompanied the appraiser on the property inspection. A ROW Acquisition Guide and other materials related to the acquisition area were provided to him subsequent to the meeting via email. Within the appraisal, the appraiser considered all three approaches to value; however, it was determined the only approach deemed appropriate was the Sales Comparison Approach as adequate sales were available for the property and "land only" was being valued. MDOT allows for use of only the SCA where adequate data exists and LPA's follow MDOT policy. Additionally, there is limited rental information for similar properties. Therefore, the Income Approach would not be considered applicable. The Cost Approach was not utilized as "land only" was being valued. In the valuation of the subject's site containing 25.94± acres, the appraiser analyzed six (6) land sales ranging in size from 4.99 acres to as large as 22.0 acres. These sales had a value range from a low of \$10,925 per acre to as high as \$17,034 per acre. It is noted; one of the sales is the sale and resale of a property. Therefore, only five (5) sales were adjusted within a "grid." The additional sale was utilized for a paired sales analysis for an indicated adjustment for market conditions otherwise referred to as a time adjustment. The adjusted range of unit values as indicated by the comparable sales analyzed ranged from a low of \$11,112 per acre to as high as \$13,538 per acre. The appraiser discussed the various differences noted within the adjustments as well as the fact the subject property is a significantly larger than most of the sales analyzed. Most emphasis was placed on the sales along J Ed Turner Drive with these having an adjusted range of value from a low of \$11,396 per acre to as high as \$12,520 per acre. The upper end of the adjusted values of the sales in close proximity along the same roadway was adopted or \$12,500 per acre. The indicated before value of the subject's 25.94 acres is then <u>\$324,250</u>. This value was inclusive of any timber value as the sales were similar in this regards and the highest and best use is for residential development. In the valuation of the remainder, the same unit value was adopted as in the before condition or \$12,500 per acre for the remainder consisting of 24.06 acres for an indicated after value of <u>\$300,750</u>. The difference or estimated Just Compensation of the fee acquisition is then <u>\$23,500</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 property consisting of "land only," the appraiser completed a total before and after value of the subject property's site. The appraiser has properly applied the Sales Comparison Approach for the valuation of the subject in both the before and after condition. The Income and Cost Approaches were determined not to be applicable as "land only" was being valued and ample sales data exists. The value opinion stated in the report under review was developed in compliance with the applicable standards and requirements. I recommend the appraisal report for use as the establishment of Just Compensation due the owner as a result of the acquisitions. The valuation techniques were acceptable and well supported. I concur with the appraiser's conclusion in regards to valuation of the total property in the before and after condition. The estimated due compensations is then <u>\$23,500.</u>	

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 \$23,500 and is Recommended as the basis for the establishment of the amount believed to be just compensation.

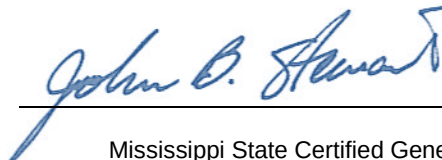
The Recommended estimate of just compensation includes the following amounts compensable under State Law but not eligible for Federal reimbursements: (if none, state "none") None

Recommended Distribution of Final Estimate of Value

Parcel	Land	Improvements	Damages	Total
PPIN 35075	\$23,500	\$0	\$0	\$23,500
Total: Twenty Three Thousand Five Hundred Dollars				

Date
02/22/2018

Review Appraiser


 Mississippi State Certified General Real Estate Appraiser #231

Parcel No. PPIN 35075

Project No. Sidewalk - J Ed Turner Drive

Review Appraisal Report (Revised: January 2018)

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.

Certification 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 comparable sales cited 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 inquisition 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;

My analyses, opinions and conclusions were developed, and this report has been prepared, in conformity with Uniform Standards of Professional Appraisal Practice, as promulgated by the Appraisal Foundation;

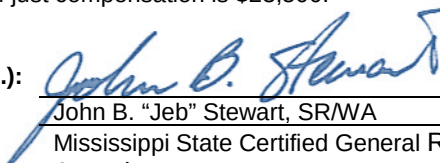
John B. Stewart, is state certified by the State of Mississippi as a General Real Estate Appraiser, License No.231, and as of the date of this report, has completed the continuing education program required to maintain that license.

Based upon my independent review of the attached appraisal report and the exercise of my professional judgment, the recommended estimate of just compensation is \$23,500.

Review Appraiser (sig.):

(print name)

(license)



John B. "Jeb" Stewart, SR/WA

Mississippi State Certified General Real Estate
Appraiser #231

Date: 02/15/2018

Parcel No. PPIN 35075

Project No. Sidewalk - J Ed Turner Drive

Review Appraisal Report (Revised: January 2018)

REAL ESTATE APPRAISAL OF

+/-25.94 Acres,
Located along J Ed Turner Drive,
Hattiesburg, Lamar County, MS, 39402



As of
February 7th, 2018

Prepared For
The City of Hattiesburg
c/o Rob Jackson

Prepared by



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



February 13th, 2018

The City of Hattiesburg
c/o Rob Jackson

Re: Real Estate Appraisal
+/-25.94 Acres located along Jed Turner Drive, Hattiesburg, Lamar County, MS.
39402

Dear Mr. Jackson,

At your request and authorization, I have completed a summary real estate appraisal of the above referenced property. The property has been inspected, and an investigation of the current real estate market has been completed. All property rights were appraised, the purpose of which was to arrive at an estimate of Market Value of the fee simple estate, to determine the just compensation due for a right of way acquisition. Based on the inspection of the property and the investigation and analyses undertaken, I have formed the opinion that as of February 7th, 2018, and subject to the limiting conditions set forth in this report, the just compensation due is:

BEFORE AND AFTER VALUES:

Value Before	25.94 acres	\$324,250
After Value	24.06 acres	\$300,750
Difference/ Just Compensation due		\$23,500

Additionally, this value estimate is subject to the limiting conditions, certification, and assumptions contained in the following report. This appraisal report is intended to conform with, and is subject to, the Code of Professional Ethics and Standards of Professional Practice of the Appraisal Institute and the Uniform Standards of Professional Appraisal Practice. We certify that we are competent to complete this assignment. The following report is a detailed summary of the data and analysis used in arriving at our conclusion.

Respectfully submitted,

Jonathon Null, MAI
State Licensed Certified General
Real Estate Appraiser, GA-799

APPRAISER'S CERTIFICATION STATEMENT

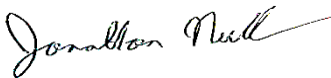
We certify that, to the best of our knowledge and belief:

- The statements of fact contained in this report are true and correct.
- The reported analyses, opinions and conclusions are limited only by the reported assumptions, limiting conditions, and legal instructions, and are the personal, impartial, and unbiased professional analyses, opinions and conclusions of the appraiser.
- We have no present or prospective future interest in the property that is the subject of this report, and have no personal interest with respect to the parties involved.
- We have no bias with respect to the property that is the subject of this report, or to the parties involved with this assignment.
- Our engagement in this assignment was not contingent upon developing or reporting predetermined results.
- Our compensation for completing this assignment is not contingent upon the development or reporting of a predetermined value or direction in value that favors the cause of the client, the amount of the value estimate, the attainment of a stipulated result, or the occurrence of a subsequent event directly related to the intended use of this appraisal.
- Our analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the *Uniform Standards of Professional Appraisal Practice (USPAP)*.
- We certify sufficient competence to appraise this property through education and experience, in addition to the internal resources of the appraisal firm.
- The appraiser(s) have not performed any prior services regarding the subject within the previous three years of the appraisal date.
- Jonathon Null has made an inspection of the subject property.

- The reported analyses, opinions and conclusions were developed, and this report has been prepared, in conformity with the requirements of the Code of Professional Ethics and Standards of Professional Appraisal Practice of the Appraisal Institute.
- The use of this report is subject to the requirements of the Appraisal Institute relating to review by its duly authorized representatives.
- As of the date of this report, Jonathon Null, MAI, has completed the continuing education program for Designated Members of the Appraisal Institute.
- As of the date of this report, we have completed the Standards and Ethics Education Requirements for Practicing Affiliates of the Appraisal Institute.

BEFORE AND AFTER VALUES:

Value Before	25.94 acres	\$324,250
After Value	24.06 acres	\$300,750
Difference/ Just Compensation due		\$23,500



Jonathon Null, MAI
 Certified General Real Estate Appraiser
 #799

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USPAP CHECKLIST

Identify the Real Estate Appraised	Cover
Signed Certificate	3
Three Year Sales History	10
State the client	10
State the Intended User	10
State the Intended Use	9
Value Type	8
State the Date of Report	9
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Narrative Appraisal Report

Owner(s): Stan Black Address: P.O. Box 1936
 Phone: 601-853-4242 Madison, MS 39130

Occupant(s): _____ Address: _____
 Phone: _____

Estate Appraised:	☒ Fee	Area of Whole Tract	<u>25.94 acres</u>
	☐ Easement	Area of Remaining Tract	<u>24.06 acres</u>
	☐ Other	Area in Acquisition	<u>1.88 acres</u>
		Area to be Acquired for Easement	<u>none</u>

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.

Property Owner Contact Record

Subject Property Inspection Dates: 02/07/18

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. Jonathon Null met with Mr. Stan Black on the property on 02/07/18. Mr Black was aware of the project, and was understanding. He requested some construction details, which were emailed to him later in the day.

Contact Comments			
Is the Property being Leased or Rented? ☐ Yes ☒ No			
Lessor:		Lessee:	
Terms of Lease:			

Appraiser:
(signature)

Jonathon Null

Date: 02/13/18

(print name)
(license type)

Jonathon Null
State Licensed Certified General Real Estate Appraiser
GA-799

Summary of Facts and Findings

Project No. Sidewalk Project – J ED turner Road	PPIN No. 035075
--	------------------------

Property Owner: Stan Black Address: P.O. Box 1936 Phone: Madison, MS 39130	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>
Estate Appraised:	<i>(Fee, Easement, Other)</i>
Fee Simple	

Size of the Whole Tract (Before):	25.94 acres
Size of the Remaining Parcel (After):	24.06 acres
Size of the Area to be Acquired:	1.88 acres

Highest and Best Use Before (Whole Tract):	Residential
Highest and Best Use After (Whole Tract):	Residential
Size of the Larger Parcel(s) <i>(If different from the Whole Tract)</i>	25.94 acres
Highest and Best Use of the Larger Parcel(s)	
Unit Value of the Land (Before)	\$12,500/acre
Unit Value of the Land and Improvements (Before)	N/A
Unit Value of the Land (After)	\$12,500/acre
Unit Value of the Land and Improvements (After)	
Improvements:	<i>(Briefly describe the improvements, such as, single family house, shed, barn, etc.)(List any personal property not covered in the appraisal report.)</i>
None	

Total Before Value:	\$324,250
Total After Value:	\$300,750
Just Compensation:	\$23,500

Allocation of Compensation for All interest: <i>(List all interest such as Q interest, Temporary Easements, Warranty Deeds, etc.)</i>				
Parcel No.	Land	Improvements	Damages	Total
Stan Black	\$23,500			\$23,500

Effective Date of the Appraisal:	02/07/18
Date of Report:	02/13/18

GENERAL

Subject: The subject property is +/-25.94 acres located along the south side of Jed Turner Drive, in Lamar County, MS.

Owner: Stan Black

Legal Description: A parcel of land located in the NE ¼ of the NW 1/4 and in the NW ¼ of the NW of Section 2, Township 4 North, Range 14 West, Lamar County, Mississippi and being more particularly described as follows.

Commence at the Northeast Corner of the NW 1/4 of Section 2; thence run South 89 degrees 53 minutes 40 seconds West along the north line of Section 2 for 1262.78 feet to and for the Point of Beginning; thence continue South 89 degrees 53 minutes 40 seconds West along the north line of Section 2 for 911.67 feet; thence run South for 1125.81 feet to the point on the north-right-way line of Long Leaf Trace (Rails to Trails); thence run South 76 degrees 04 minutes 36 seconds East along said north-right-way for 939.26 feet; thence run North for 1353.50 feet back to the Point of Beginning.
Said parcel contains 25.94 acres more or less.

Date of Report: February 13th, 2018

Intended Use: 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, 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.

- Client/Intended User(s):** The City of Hattiesburg has requested an appraisal of the property described in this report. The intended user of this appraisal report is the City of Hattiesburg.
- Sale History:** The property was most recently conveyed from LL Trace LLC to Stan Black in 2012. Mr. Black stated that he was a member of LL Trace LLC, and this was not an arm's length transaction.
- Timber:** The subject property consists of various aged pine timber. Any merchantable timber value was included in this appraisal. The included sales all had existing timber stands, so no additional value for timber was included .
- Zoning:** The property is located inside the city limits of Hattiesburg, in Lamar County, but not zoned.

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*)

Limiting Conditions and Assumptions

Acceptance of and/or use of this report constitutes acceptance of the following limiting conditions and assumptions; these can only be modified by written documents executed by both parties.

This appraisal is to be used only for the purpose stated herein. While distribution of this appraisal in its entirety is at the discretion of the client, individual sections shall not be distributed; this report is intended to be used in whole and not in part.

No part of this appraisal, its value estimates or the identity of the firm or the appraiser(s) may be communicated to the public through advertising, public relations, media sales, or other media.

All files, work papers and documents developed in connection with this assignment are the property of Collins & Null Appraisals, Inc.. Information, estimates and opinions are verified where possible, but cannot be guaranteed. Plans provided are intended to assist the client in visualizing the property; no other use of these plans is intended or permitted.

No hidden or unapparent conditions of the property, subsoil or structure, which would make the property more or less valuable, were discovered by the appraiser(s) or made known to the appraiser(s). No responsibility is assumed for such conditions or engineering necessary to discover them. Unless otherwise stated, this appraisal assumes there is no existence of hazardous materials or conditions, in any form, on or near the subject property.

Unless otherwise stated in this report, the existence of hazardous substances, including without limitation asbestos, polychlorinated biphenyl, petroleum leakage, or agricultural chemicals, which may or may not be present on the property, was not called to the attention of the appraiser nor did the appraiser become aware of such during the appraiser's inspection. The appraiser has no knowledge of the existence of such materials on or in the property unless otherwise stated. The appraiser, however, is not qualified to test for such substances. The presence of such hazardous substances may affect the value of the property. The value opinion developed herein is predicated on the assumption that no such hazardous substances exist on or in the property or in such proximity thereto, which would cause a loss in value. No responsibility is assumed for any such hazardous substances, nor for any expertise or knowledge required to discover them.

Unless stated herein, the property is assumed to be outside of areas where flood hazard insurance is mandatory. Maps used by public and private agencies to determine these areas are limited with respect to accuracy. Due diligence has been exercised in interpreting these maps, but no responsibility is assumed for misinterpretation.

Good title, free of liens, encumbrances and special assessments is assumed. No responsibility is assumed for matters of a legal nature.

Necessary licenses, permits, consents, legislative or administrative authority from any local, state or Federal government or private entity are assumed to be in place or reasonably obtainable.

It is assumed there are no zoning violations, encroachments, easements or other restrictions which would affect the subject property, unless otherwise stated.

The appraiser(s) are not required to give testimony in Court in connection with this appraisal. If the appraisers are subpoenaed pursuant to a court order, the client agrees to pay the appraiser(s) Collins & Null Appraisals, Inc.'s regular per diem rate plus expenses.

Appraisals are based on the data available at the time the assignment is completed. Amendments/modifications to appraisals based on new information made available after the appraisal was completed will be made, as soon as reasonably possible, for an additional fee.

Americans with Disabilities Act (ADA) of 1990

A civil rights act passed by Congress guaranteeing individuals with disabilities equal opportunity in public accommodations, employment, transportation, government services, and telecommunications. Statutory deadlines become effective on various dates between 1990 and 1997. Collins & Null Appraisals, Inc. has not made a determination regarding the subject's ADA compliance or non-compliance. **Non-compliance could have a negative impact on value, however this has not been considered or analyzed in this appraisal.**

Assessment:

Parcel Number	Land Value	Improvements	Total Value	Assessed	Taxes
051D-02-001.003 PPIN# 35075	\$5,450	\$0	\$5,450	\$818	2017

Lamar County Mississippi


 Powered by:
Delta Computer Systems, Inc.

Property Link

LAMAR COUNTY, MS

Current Date 2/ 9/2018

 Tax Year 2017
 Records Last Updated 2/ 8/2018

Records Last Updated 2/8/2017

PROPERTY DETAIL			
OWNER	BLACK STAN	ACRES : 25.94	
	PO BOX 1936	LAND VALUE : 5450	
		IMPROVEMENTS : **NA**	
	MADISON MS 39130	TOTAL VALUE: 5450	
		ASSESSED : 818	
PARCEL	051D-02-001.003		
ADDRESS	J ED TURNER DR		
TAX INFORMATION			
YEAR 2017	TAX DUE	PAID	BALANCE
COUNTY	45.40	45.40	0.00
CITY	43.66	43.66	0.00
SCHOOL	52.34	52.34	0.00
TOTAL	141.40	141.40	0.00
LAST PAYMENT DATE 12 / 13 / 2017			
MISCELLANEOUS INFORMATION			
EXEMPT CODE	LEGAL PT N 1/2 OF NW 1/4		
HOMESTEAD CODE	None	B 022F P 484 02/28/2012	
TAX DISTRICT	0616		
PPIN	035075		
SECTION	02		
TOWNSHIP	04N		
RANGE	14W		
Book 022F	Page 484		

[PURCHASE COUNTY TAX SALE FILES](#)

TAX SALES HISTORY, FOR UNPAID TAXES			
Year	Sold To	Redeemed Date/By	
2014	CENTRAL PROPERTIES BMO HARRIS	6/30/2016	BULLDOG CONSTRUCTION COMPANY



[View Appraisal](#)


[View Map](#)
[Back](#)

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”.

**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”.

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:

I have assumed that the sidewalk will be built according to the provided plans and drawings.

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.

--

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 activity in Hattiesburg, Lamar County, Mississippi, as well as other parts of the state. The Sales Comparison approach to value was used to derive the land values. 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.

EXTENT OF INSPECTION

The subject property and neighborhood have been inspected and its characteristics and trends in development observed. Jonathon Null inspected the property on February 7th, 2018. During the site visit, the property was viewed from J Ed Turner Road and from the interior portions. There is limited interior access to the property, with only game trails and a minor woods road found.

An inspection of the southern boundary from the paved Rails to Trails Pathway was done on 2/9/2018.

APPRAISAL HISTORY

Collins and Null Appraisals, Inc. has not appraised the subject property in the previous three years.

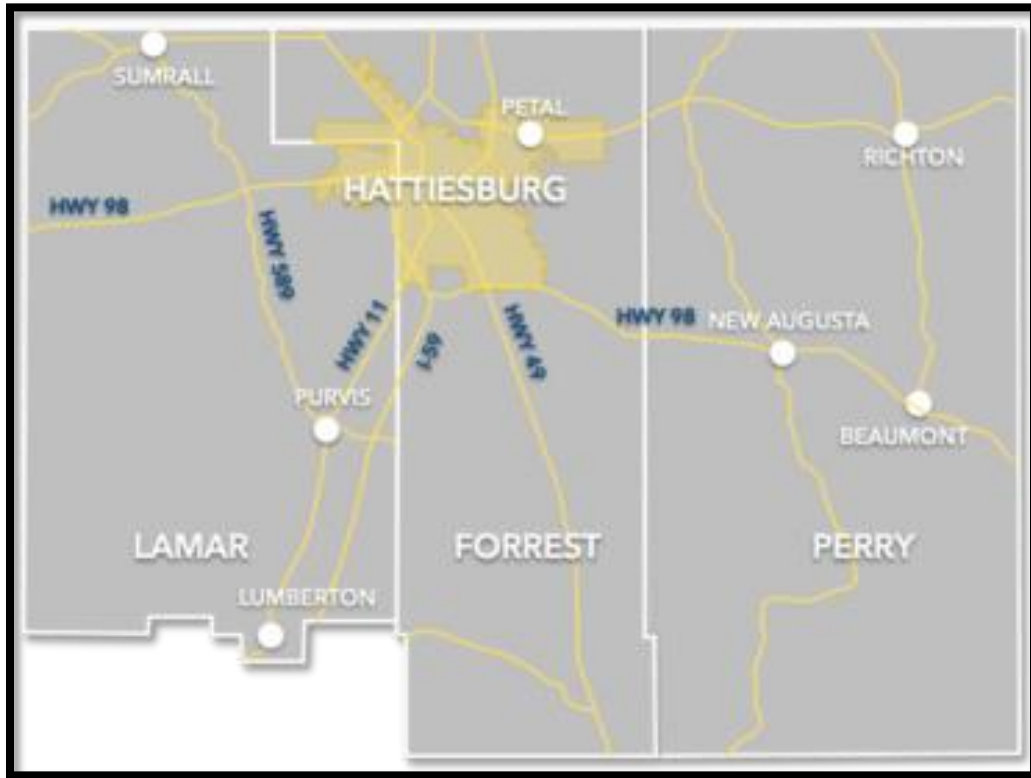
COMPETENCY & EXPERTISE

We have recently appraised several raw land and commercial tracts in Forrest and Lamar Counties, in the last twelve months. Our office is located in Hattiesburg and we frequently work and travel in Forrest County. Our experience in the region includes appraisals of vacant land, residential subdivisions, offices, commercial, warehouses and industrial properties. Therefore, through prior appraisal history, current research and knowledge, and based on our inspections of the property and surrounding area, we certify that we are competent to appraise the subject property.

AREA ANALYSIS

LOCATION:

Hattiesburg is centrally located to several major markets, thus its nickname the “Hub City.” These markets include:

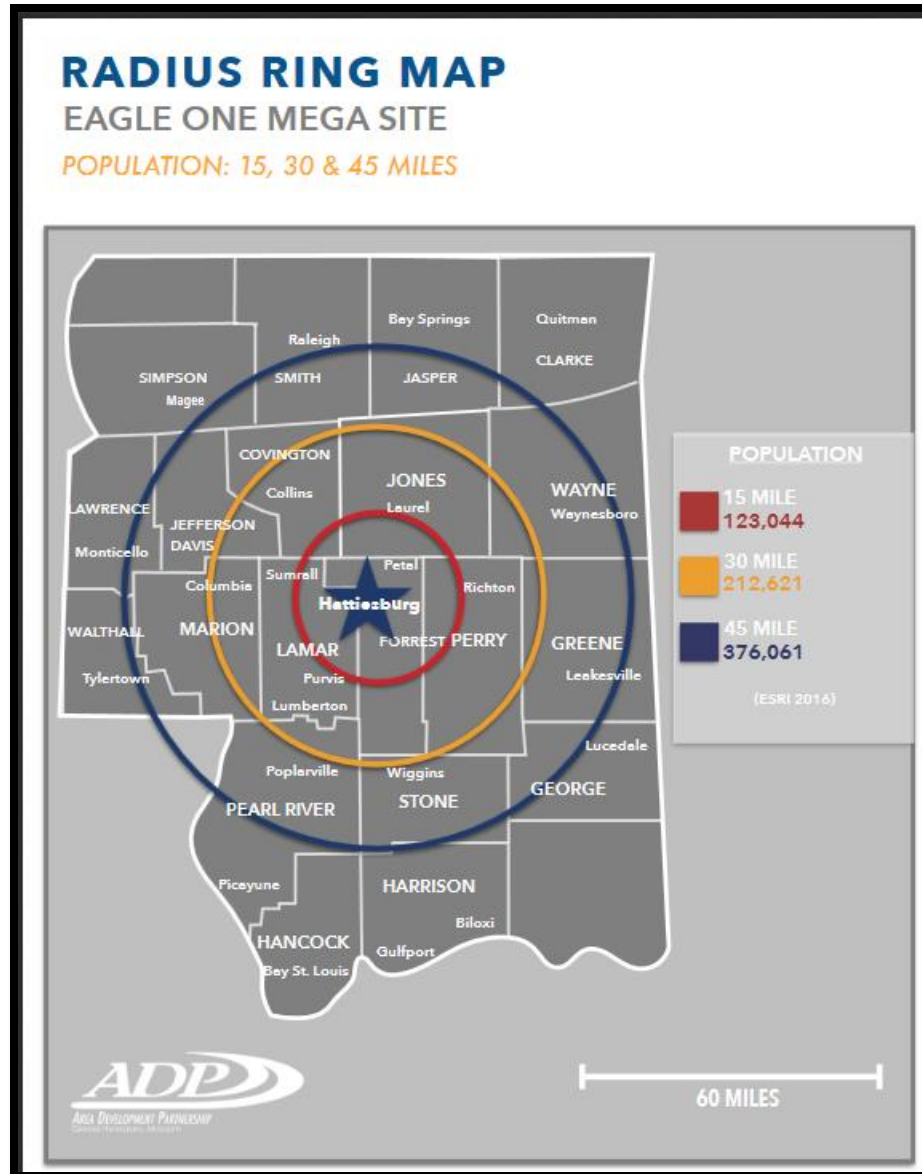


POPULATION:

The following statistics are available from the US Census Bureau. Historical population statistics for the area are summarized as follows:

The chart exhibits the trend in population for the region from 1990 to 2010(2006 for Forrest and Lamar Counties). The Hattiesburg MSA has seen above average growth since 1990.

POPULATION		
148,916 TOTAL POPULATION	34 MEDIAN AGE	2.54 AVERAGE FAMILY SIZE
\$58,514 AVERAGE HOUSEHOLD INCOME	95.2 PEOPLE PER SQUARE MILE	0.67% ANNUAL GROWTH RATE 2010-2016



CLIMATE:

The average elevation is 170 feet above sea level.

Average Temperature (Fahrenheit)	48 Degrees
Average High (Fahrenheit)	73 Degrees
Average Low (Fahrenheit)	18 Degrees
Average Humidity (percent)	Annually 74%
Average Precipitation (inch)	Annually 60"

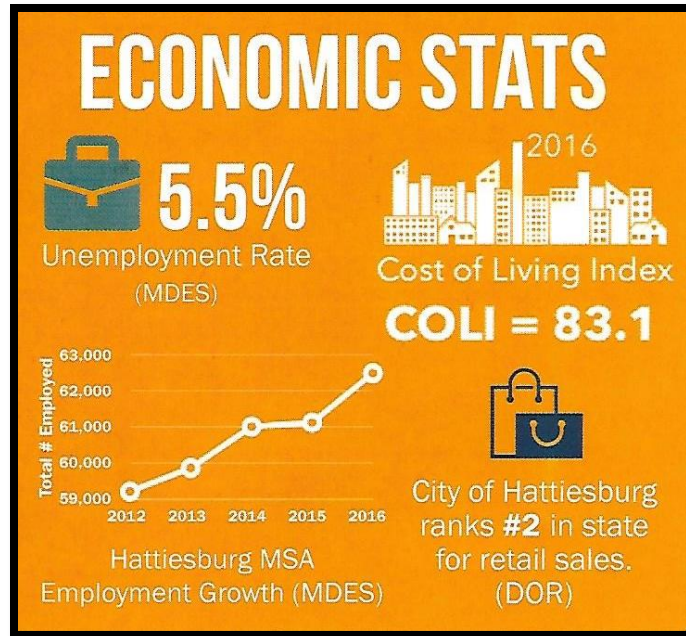
BUSINESS AND INDUSTRY:

There are approximately 92 manufacturing firms in the county, employing 5,300 workers. Hattiesburg has a fully-developed industrial park with 325 available spaces.

The agriculture income for the county averages \$20 million annually. Forestry is the county's largest agri-business, producing about \$8 million in sales. Tables of the largest manufactures and employers are shown below.

 TOP EMPLOYERS	
MANUFACTURING/DISTRIBUTION EMPLOYERS	
EMPLOYER	# OF EMPLOYEES
Mar-jac Poultry	861
Channel Control Merchants	688
Kohler Engines	400
Georgia Pacific, Leaf River Cellulose	300
Hood Industries – Beaumont	200
Johnson Controls Company	200
Mississippi Tank	192
Borden	175
Select Product Group	148
Stion	125
Hattiesburg Coca-Cola	125
Resinall	115
Western Container	114

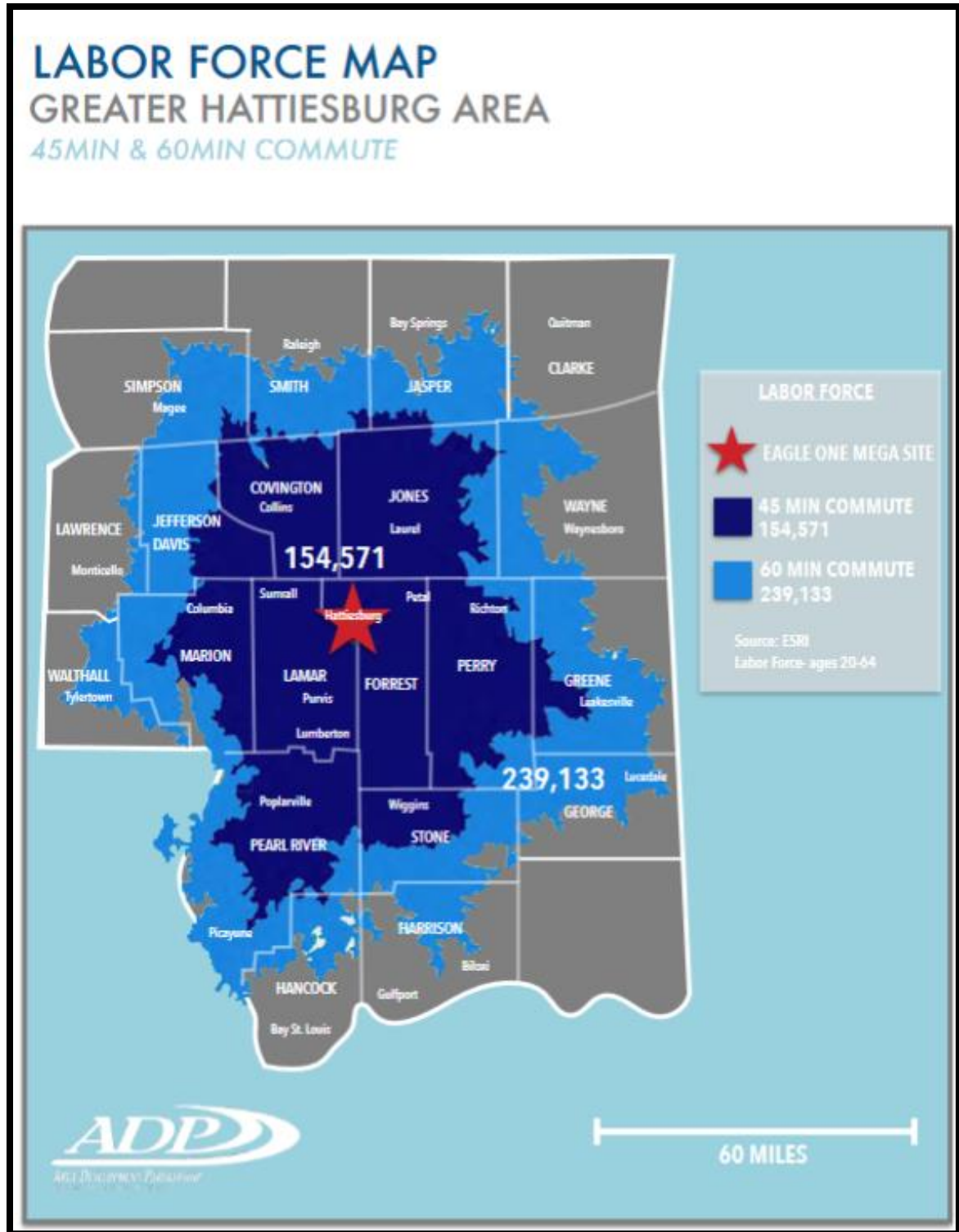
SERVICE EMPLOYERS	
EMPLOYER	# OF EMPLOYEES
Forrest General Hospital	3151
University of Southern Mississippi	2300
Hattiesburg Clinic	2218
Camp Shelby	2200
Lamar County School District	1300
Merit Health Wesley	1222
General Dynamics Information Technology (GDIT)	1000+
Hattiesburg Public School	750
City of Hattiesburg	717
Petal School District	535
South Mississippi EPA	400
William Carey University	370
Regions Bank	329



ECONOMIC BASE

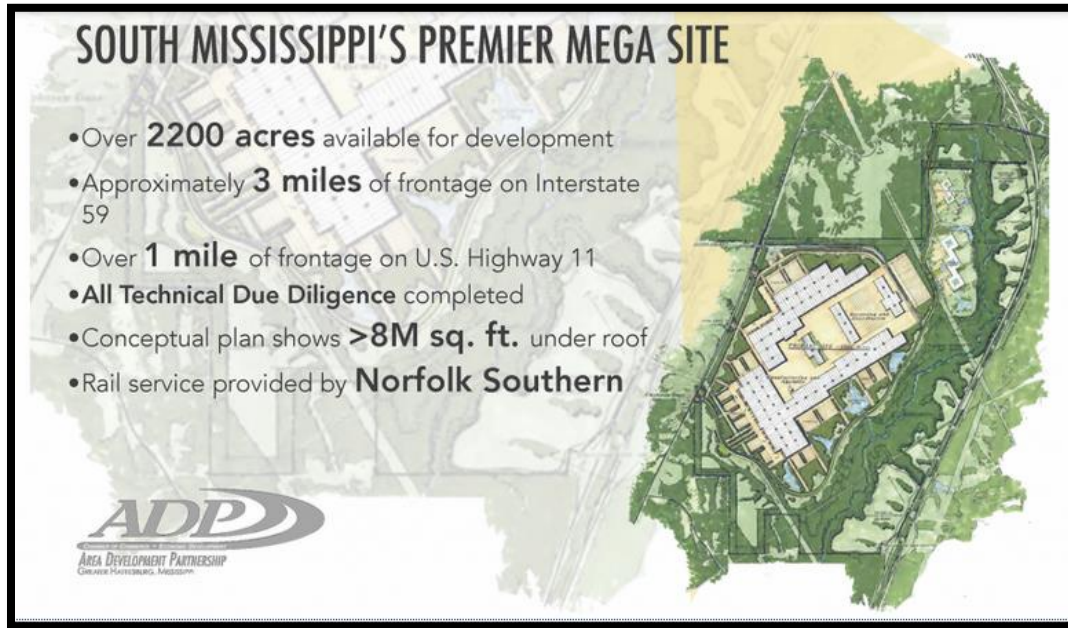
Hattiesburg, also known as the “Hub City,” is within 100 miles of the state capital, Jackson, as well as the Gulf Coast, New Orleans, LA, and Mobile, AL. The greater Hattiesburg area is the educational, retail, military, and medical center for more than a quarter of a million people throughout southeast Mississippi. Hattiesburg MSA is the site of numerous small and several large corporations. The largest employers in terms of total employment in Hattiesburg MSA are summarized in the chart below.





GROWTH

The ADP (Area Development Partnership) has recently secured options on a 2,222-acre mega-site. This large industrial site is the first of its kind in South Mississippi. The site has 2.8 miles of frontage along I-59 and 1.2 miles of frontage along Hwy 11. Hattiesburg has recently been named one of the 50 fastest growing metro areas in America. This new site provides for an increased growth in business development and employment.



ANNOUNCED PROJECTS

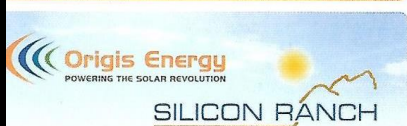
\$280+
Million
in capital investment



1,100+
full-time jobs



Investing **\$120M** &
creating **260 jobs**



\$200M

in green solar energy
under construction

ECONOMIC DEVELOPMENT

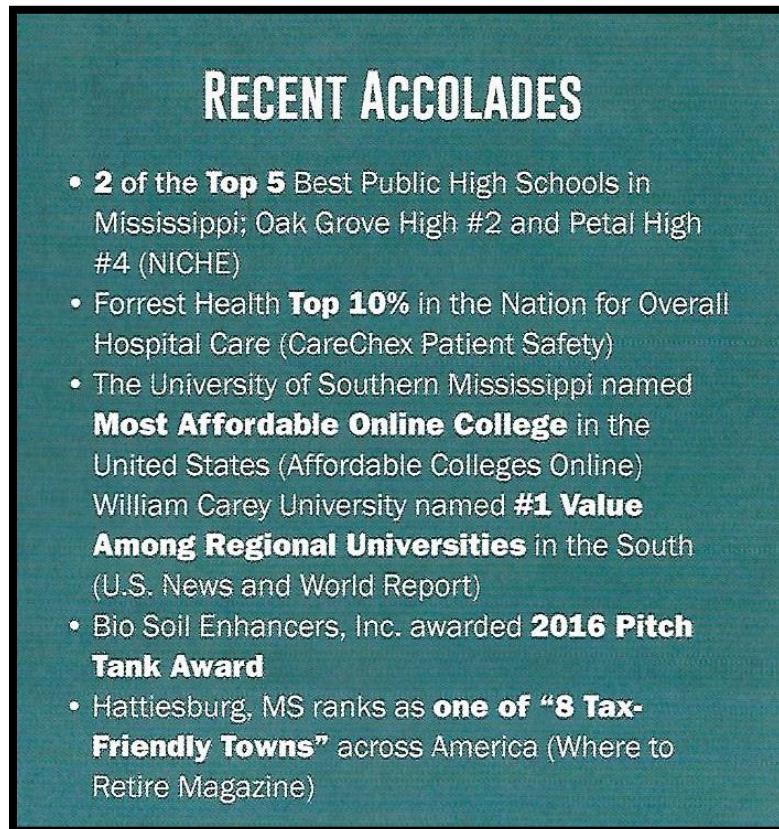
NEW AND EXPANDING BUSINESSES ANNOUNCED IN 2016

Company	Investment	Jobs
Mar-Jac Poultry	\$36,915,000.00	100
District at Midtown	\$34,000,000.00	290
Forrest General Hospital	\$34,000,000.00	151
The University of Southern Mississippi	\$26,800,000.00	
Camp Shelby	\$22,300,000.00	
The Met Apartments*	\$18,000,000.00	
SPG	\$15,000,000.00	25
Lone Star Gas*	\$13,000,000.00	
William Carey University	\$8,600,000.00	19
Enterprise Gas Products*	\$8,000,000.00	
Hattiesburg Clinic	\$7,873,000.00	58
Wis-Pak	\$5,200,000.00	
Johnson Controls	\$4,136,000.00	12
Kohler	\$3,903,865.00	
Channel Control Merchants	\$3,706,181.00	170
Green Bay Converting	\$3,551,910.29	
Magnolia State Bank	\$3,500,000.00	4
Planet Fitness*	\$3,361,598.00	
Cavender's Western Outfitter*	\$3,243,500.00	12
Eagle Flatts*	\$3,131,897.91	
Western Container Corp.	\$2,326,429.00	
Merit Health Wesley	\$2,300,000.00	45
Baker and Graham Dental Clinic	\$1,996,900.00	2
The Summit Shopping Center	\$1,800,000.00	
Southern Grand Theatres Hattiesburg 18*	\$1,600,000.00	
Lil' Butcher Shoppe	\$1,415,000.00	
Mississippi Tank Company	\$1,293,649.83	
Panera Bread	\$1,233,207.00	
The Shoppes at Park Crest*	\$1,230,000.00	
Zaxby's (Petal)*	\$1,227,000.00	
Hibatchi Express / Insomnia Cookies	\$1,100,000.00	20
Dandy Dan's (Smith Petroleum Co., Inc.)	\$1,015,278.00	
Zaxby's (Hattiesburg)*	\$1,006,718.00	
Weyerhaeuser	\$1,000,000.00	
Dollar General Store (Hattiesburg)*	\$822,100.00	
Up/Down Trampoline Park*	\$820,000.00	
Dollar General Store (Petal)*	\$700,000.00	
CycleBar	\$520,000.00	10
Oxiten		15
SaviLinX		200
Total	\$281,629,234.03	1,133

*dollar amounts are from building permit figures only

EDUCATION:

The Hattiesburg area has 22 public schools. The Hattiesburg Area Education Foundation provides private funding and special programs to most of these schools to enhance the fundamental curriculum. The business community takes an active role in augmenting the school system through the Adopt-A-School program.



Hattiesburg is home to the University of Southern Mississippi with an enrollment of more than 12,000 students and William Carey College with an enrollment of about 2,000 students. U.S.M. has recently opened a new \$19 million Polymer Science Research Facility that is paralleled by no other in the United States. Jones County Junior College and Pearl River Community College are both within easy driving distance.

HIGHER EDUCATION

INSTITUTION	ENROLLMENT	ANNUAL GRADUATES
University of Southern Mississippi	13,115	3,351
William Carey University	4,415	1,180
Pearl River Community College	4,755	880
Jones County Junior College	4,592	1,071
TOTAL	26,627	6,482

GOVERNMENT:

Hattiesburg has a mayor/council type of government. Forrest County has a five-member board of supervisors.

COMMUNICATIONS:

Newspaper - *Hattiesburg American* (daily) and *Advertiser News* (weekly) is two papers serving Hattiesburg.

Radio Station - Hattiesburg has ten AM/FM stations.

Television - There are two local TV stations and one cable TV Company serving the Hattiesburg area.

**LAW ENFORCEMENT AND
EMERGENCY SERVICES:**

Hattiesburg has a force of 90 officers in the city and 33 in the county. The fire department includes 96 firefighters located at 7 stations.

MEDICAL SERVICES:

Hattiesburg serves as the medical hub of South Mississippi, with two hospitals with 704 beds, the largest multi-specialty clinic in the state, a full service regional reference laboratory, 230 doctors and 43 dentists.

UTILITIES:

The Dixie Electric Power Association, Mississippi Power Company, Pearl River Valley Electric Power Association, South Mississippi Electric Power Association and the Southern Pine Electric Power Association provide electricity to the greater Hattiesburg area. Hattiesburg's water needs are provided by the City of Hattiesburg, which has a capacity of 16 million g.p.d. Willmut Gas and Oil Company, fuels oil and LP gas are available from local sources.

CLUBS AND ORGANIZATIONS:

Hattiesburg has local groups of most national civic groups. A complete list of these organizations is available through the Hattiesburg Area Chamber of Commerce.

TRANSPORTATION:

Highways - Interstate Highway 59, U.S. Highways 49, 98 and 11, and State Highway 42 serve Hattiesburg.

Airports - Pine Belt Airport is for commercial use and has 6,500 foot runway. Bobby Chain Municipal Airport, noncommercial, has a 6,250 foot runway.

Railroads - Hattiesburg is served by Amtrak, Midsouth Rail, Illinois Central Gulf and Norfolk Southern.

Motor Freight Carriers - Serving Hattiesburg is 17 truck lines and 15 local terminals.

Bus Service - Greyhound/Trailways Bus lines provide passenger and package service.

PARKS AND RECREATION:

Kemper Park and Zoo, Pep's Point Water Park, Camp Shelby War Museum, Hattiesburg Historical Society, Paul B. Johnson State Park, seven local golf courses;

U.S.M. - Natural Science Museum and Woods Art Gallery; Checker Hall of Fame; and William Carey College - Lucille Parker Gallery.

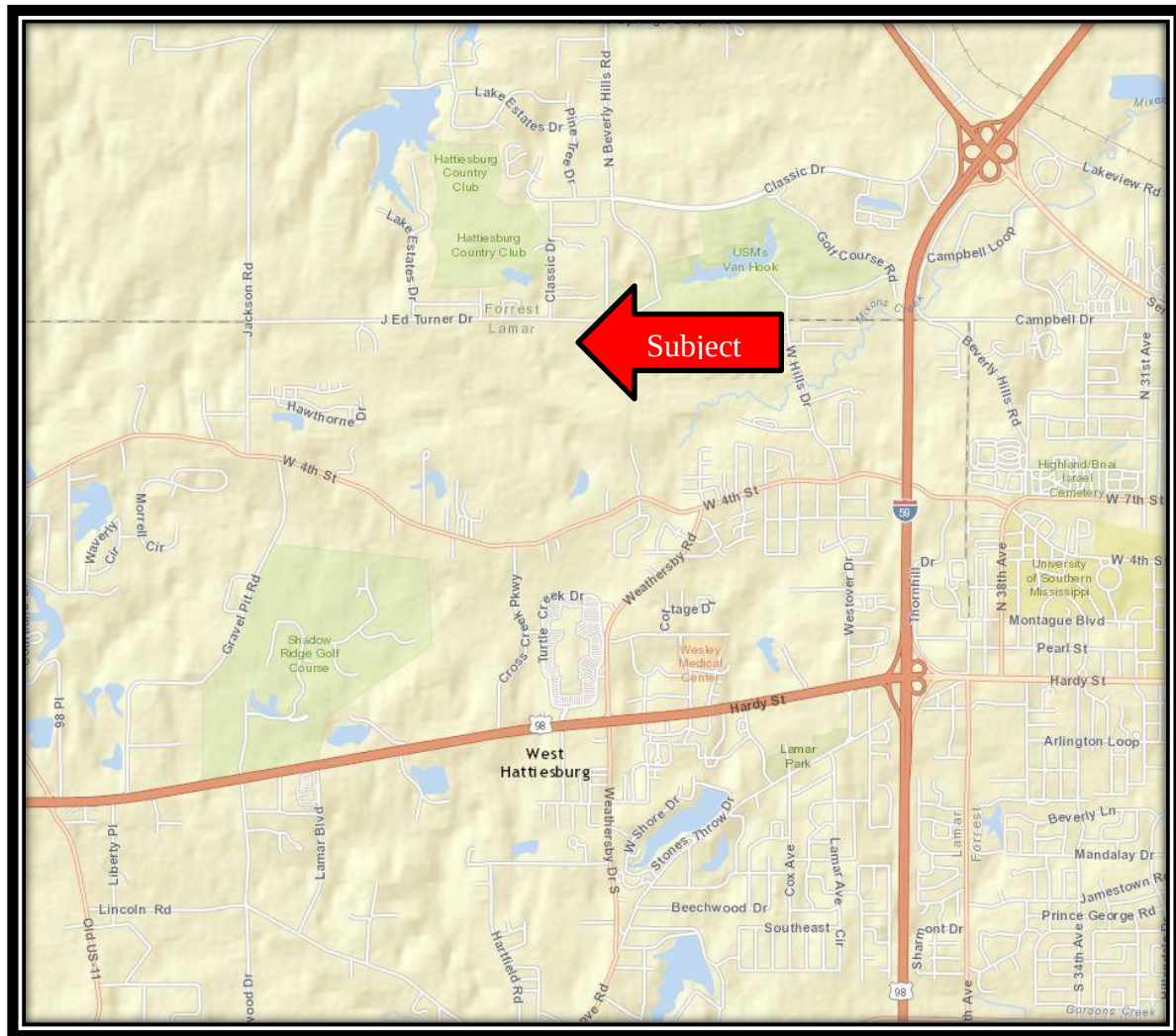
NEIGHBORHOOD ANALYSIS

The subject is located on the south side of J. Ed Turner Road, east of Jackson Road. This is primarily a rural residential area, however there has been substantial growth west of Hattiesburg in recent years. Lamar County acquired new R.O.W. that widened 4th Street, expanded Jackson road, and built a new Lamar County Elementary school, which opened up in 2013. This new school, along with the new road, has improved the outlook for the area. The property has good access off of J Ed Turner Road, and has quick access to Highway 98.

Furthermore, the Longleaf Trace- Rails to Trails parkway runs through the area, which provides a recreational opportunities for hiking, biking and walking. This multi-used trail is a heavily used trail, and provides additional recreational opportunities in the area.

The proposed sidewalk for this project will link up the Long Leaf tract (rails to trails) to the sidewalk along Classic Drive.

Location 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 Residential land

Legal Description of the Total Ownership:.

Location: The property is located along the Southern side of J Ed Turner road.

Dimensions/Area/Shape: The property contains a 25.94 acre rectangular parcel.

Frontage/Access: The site has +/-900' of frontage on J Ed Turner Drive. Additionally, the property has +/- 875' of frontage on the Rail to Trails paved recreation trail, located on the southern border.

Topography: The site is gently rolling timberland, with no significant drops. However, there is an old railroad cut that runs across the property, which creates a small gully/ drain. This cut appears to be part of the flood zone area that cuts across the property.

Flood Plain and Drainage Data: According to the FEMA Flood Map Number 28085C0085D, dated March 2nd, 2010, a portion of the site lies within a designated flood zone. This flood zone bisects the property, and is about 10% of the entire 25.94 acres.

Use Restrictions: The property is located inside the city limits of Hattiesburg, but has yet to be zoned. This zoning classification was confirmed with the zoning department on 02-09-18.

Site Improvements: None

Off-Site Public Improvements: A two lane Paved road lies along the northern border, a paved walking trail lies along the southern border.

Adjacent Land Uses: The property is bordered by residential tracts and vacant land on all sides.

Easements/Encumbrances: There is a gas pipeline that runs along J Ed Turner drive near the northern border. This gas pipeline appears to lie in the present right of way.

Utilities:

Utility Service	Supplier	Utility Service	Supplier
Electricity	Mississippi Power	Sewer	City of Hattiesburg
Gas	Willmut	Water	City of Hattiesburg
Garbage Collection	City of Hattiesburg		
Comments:	<i>Additional narrative, as needed.</i>		

Site Description — Area of Acquisition

Acquisition area: In the before condition, the site is 25.94 acres, more or less. In the after condition, the property will be 24.06 acres, following the acquisition of 1.88 acres along the eastern border. This 1.88 acres will be purchased in fee simple ownership.

Breakdown of Acquisition Area:

1.88 acres

The area to be acquired is 1.88 acres, located on the eastern border of the property. This area is a lightly timbered, wooded area. The timber on the entire 25.94 acres is consistent, with no major differences in size or age.

The proposed acquisition area is +/- 58' wide with a length of 1354', for a total size of 1.88 acres.

Improvements in R.O.W.: None

Remaining property

Following the acquisition of 1.88 acres on the eastern border of the property, approximately 24.06 acres will remain. The city of Hattiesburg intends on installing a 10' wide sidewalk within the acquired 1.88 acres. The proposed project will not change or affect the overall highest and best use of the property.

Items of Real Property Appraised

25.94 acres located along J Ed Turner Drive

Items of Personal Property Not Appraised

N/A

Flood Map

National Flood Hazard Layer FIRMette



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

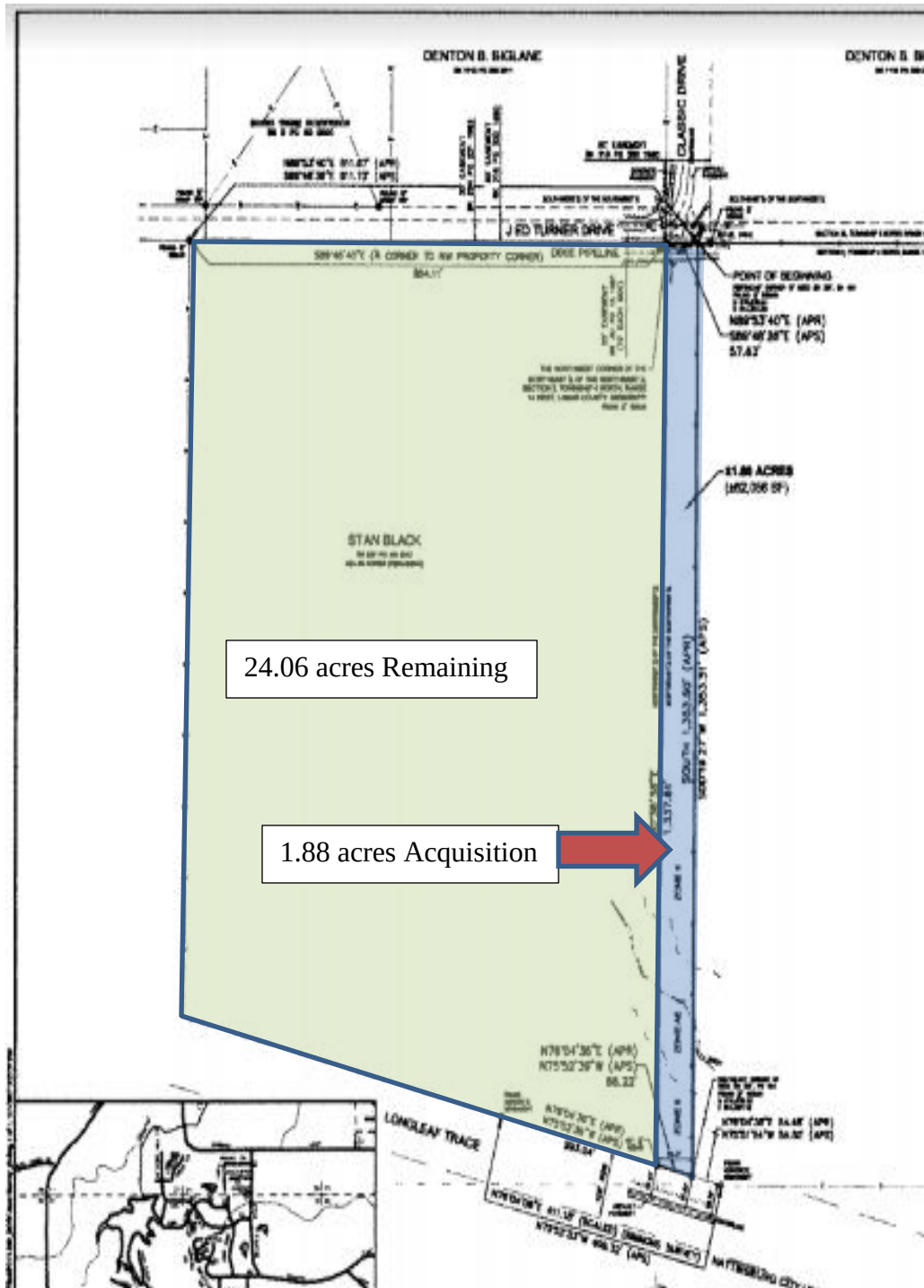
SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) Zone A, V, AE9
	With BFE or Depth Regulatory Floodway Zone AE, AO, AH, VE, AR
OTHER AREAS OF FLOOD HAZARD	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee. See Notes. Zone X
	Area with Flood Risk due to Levee Zone D
OTHER AREAS	No SCREEN Area of Minimal Flood Hazard Zone X
	Effective LOMRS
GENERAL STRUCTURES	Area of Undetermined Flood Hazard Zone D
	Channel, Culvert, or Storm Sewer
OTHER FEATURES	Levee, Dike, or Floodwall
	Cross Sections with 1% Annual Chance Water Surface Elevation
MAP PANELS	Coastal Transect
	Base Flood Elevation Line (BFE)
OTHER FEATURES	Limit of Study
	Jurisdiction Boundary
OTHER FEATURES	Coastal Transect Baseline
	Profile Baseline
OTHER FEATURES	Hydrographic Feature
	Digital Data Available
MAP PANELS	No Digital Data Available
	Unmapped

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The base map shown complies with FEMA's base map accuracy standards.

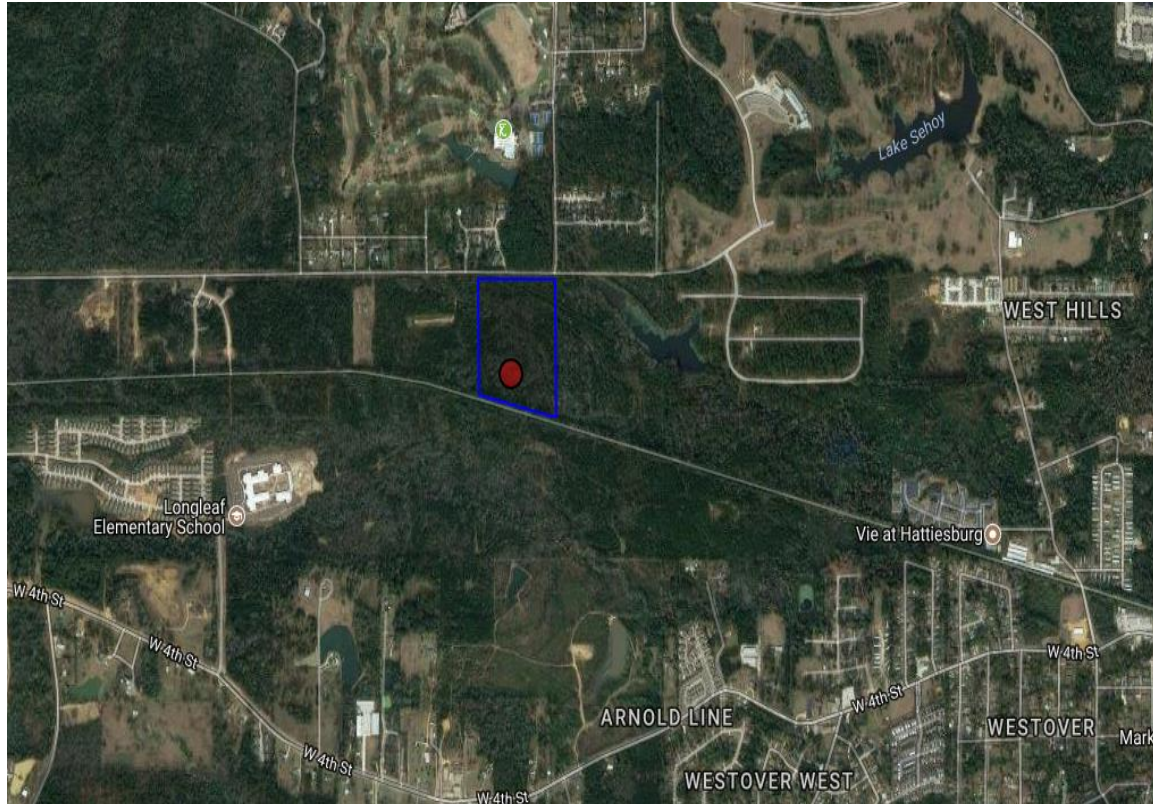
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/8/2018 at 1:39:39 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: base map imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Right of Way acquisition map

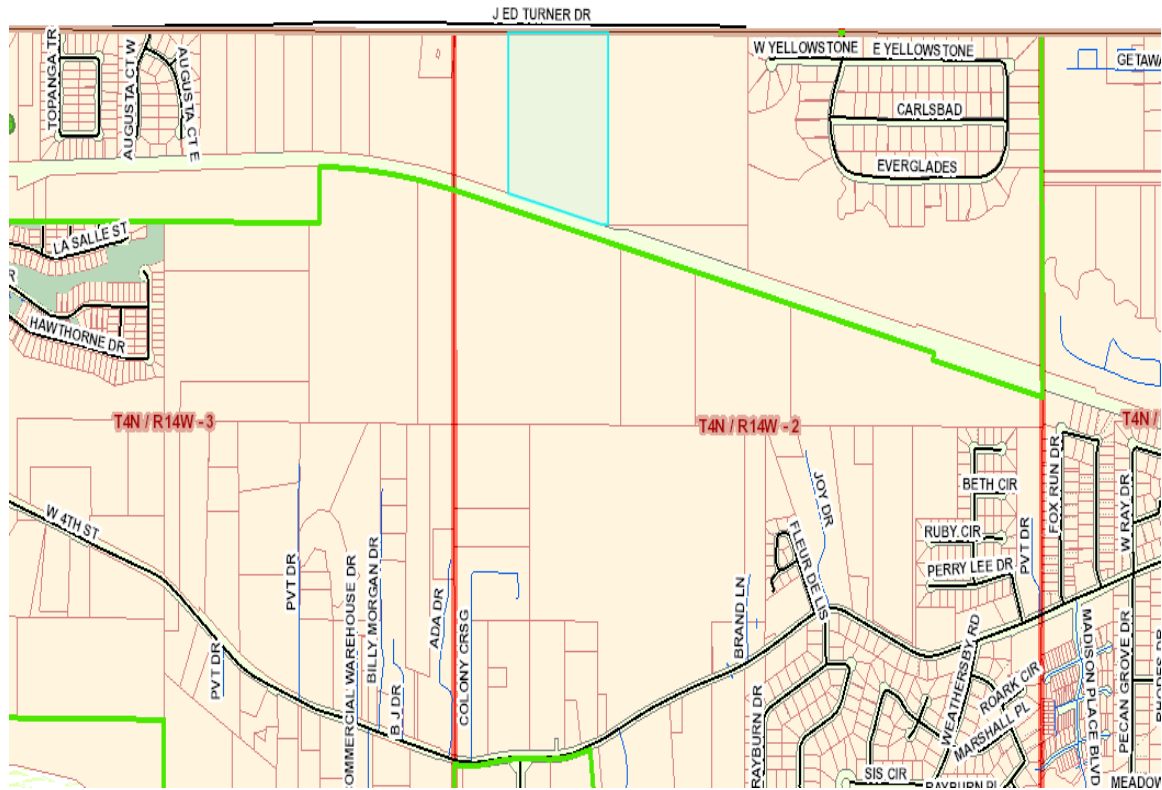


AERIAL PHOTO



****Approximate property boundaries shown in blue. This map should be used for visualization purposes only.***

Tax Map



Americans with Disabilities Act

Please reference the Limiting Conditions and Assumptions section of this report on page 12.

Hazardous Substances

Please reference the Limiting Conditions and Assumptions section of this report on page 12.

Subject Photographs



Looking east along J Ed Turner Drive with the property to the right



Looking west from the northern property line with J Ed Turner drive to the right



J Ed Turner road and the subject tract



Wooded area of the 1.88 acre acquisition along the eastern border



Wooded area within the 1.88 acre acquisition



Looking west at the intersection of J Ed Turner and Classic Drive, with the acquisition area identified with an arrow



Rails to Trail along the southern border. The subject is to the left of the paved trail



Flagging showing the terminus of the proposed sidewalk with Rails to Trails



Looking west along Rails to Trails, subject to the right

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) Dimensioned area as determined by the appraiser

Total "Whole Tract" Declaration and Summary	(Ac./S.F.)
The entire 25.94 acres is contiguous, has unity of ownership, and has a consistent highest and best use. The entire property was considered to have a highest and best use of residential development.	

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)

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

Physically possible

The site is 25.94 acres, more or less, and would be suitable for a variety of uses. The site is large enough to support a variety of uses such as residential, multifamily, commercial or retail uses.

Legally Permissible

The site is located in the City of Hattiesburg, although is un-zoned. On February 9th, 2018, I spoke with the Hattiesburg zoning department in regards to the zoning classification. The zoning department stated that although the property is un-zoned, any proposed use or project would

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.

have to be approved by the zoning department. At that time, the zoning would be clarified, and a zoning class would be assigned.

The property is also legally restricted by a flood zone designation on +/- 10% of the site. Building restrictions may apply in this area.

Financially feasible

The most financially feasible and maximally productive use of the site would be for some sort of residential or residential use.

J Ed Turner Drive is a 2 laned paved road connecting the Hattiesburg Country Club and surrounding neighborhoods with the Jackson Road area. This area is dominated by residential neighborhoods, and vacant land tracts. The traffic along J Ed Turner Drive is not significant enough to justify a commercial use or retail use.

The only financially feasible uses of the property would be for residential, residential subdivision, or timberland growth.

Maximally productive

The maximally productive use of the site would be for some sort of residential homesite or residential subdivision. This use conforms with the surrounding properties, and due to the demand for single family housing in the Lamar County school district, this use appears reasonable. This use would outpace the value as a timberland type property, and no other alternative use would be financially feasible. Overall, all things considered, the maximally productive, and highest and best use of the property would be for Residential uses.

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.)
- 5.

Ownership History					
Property Transactions during the last five years to Date:					
Date	Grantor	Grantee	Consideration	Book/Page	Ver.
02/28/2012	LL Trace LLC	Stan Black		22F/484	Owner
Explanation: The last conveyance was in 2012, between LL Trace LLC and Stan Black. The owner stated that he was a partner of LL Trace LLC, and the most recent conveyance would not be arm's length.					

Tax Information			
Tax Parcel I.D. Number	051-D-02-001.003	True Value – Land	\$5,450
	PPIN 35075	True Value – Improvements	\$0
Special Assessments			
*Note: The 2017 taxes have been paid			

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
The site is a vacant tract of land, with no improvements. Therefore, only the sales approach would apply. The income and cost approach were considered, but not performed.

COMPARABLE LAND SALES SUMMARY TABLE

No.	Location	Sale Date	Price	Size in Acres	Price/Acre
1.	131 J ED Turner Drive	02/12/2015	\$74,000	5.000	\$14,800
2.	Lot 3 J Ed Turner Drive	02/13/2017	\$85,000	4.990	\$17,034
3.	3237 Oak Grove Rd	09/28/2016	\$150,000	10.000	\$15,000
4.	3237 Oak Grove Rd	12/08/2017	\$180,000	14.579	\$12,347
5.	Lincoln Rd	03/07/2016	\$218,500	20.000	\$10,925
6.	3237 Oak Grove RD	11/28/2016	\$285,000	22.000	\$12,955

Land Sale No. 1



Property Identification

Record ID	6748
Property Type	Undeveloped Land, Residential Single Family
Property Name	Land
Address	131 J ED Turner Drive , Hattiesburg, Lamar County, Mississippi 30402
Location	Northwest of Hattiesburg
Tax ID	052A-03-004.050 or PPIN 036351
User 1	Section: 03
User 2	Township: 04N
User 3	Range: 14W
Market Type	Residential Land

Sale Data

Grantor	LL Trace, LLC
Grantee	Brent D. Brevard
Sale Date	February 12, 2015
Deed Book/Page	B-024G P-446
Property Rights	Fee simple
Marketing Time	588 days
Financing	Cash
Verification	Confirmed by RE/Max Real Estate Partners. (sale broker) by JN; 601-606-8700, February 08, 2018; Judy Corts , 601-606-8700

Sale Price	\$74,000
Cash Equivalent	\$74,000

Adjusted Price	\$74,000
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Land Data

Zoning	Residential
Topography	Gentle rolling
Utilities	Electricity, gas, telephone, cable TV but no sewer included.
Shape	Rectangular
Landscaping	Wooded
Flood Info	Panel - 28035C0085D. Eff 03/02/2010
User 5	Not located in flood zone.

Land Size Information

Gross Land Size	5.000 Acres or 217,800 SF
------------------------	---------------------------

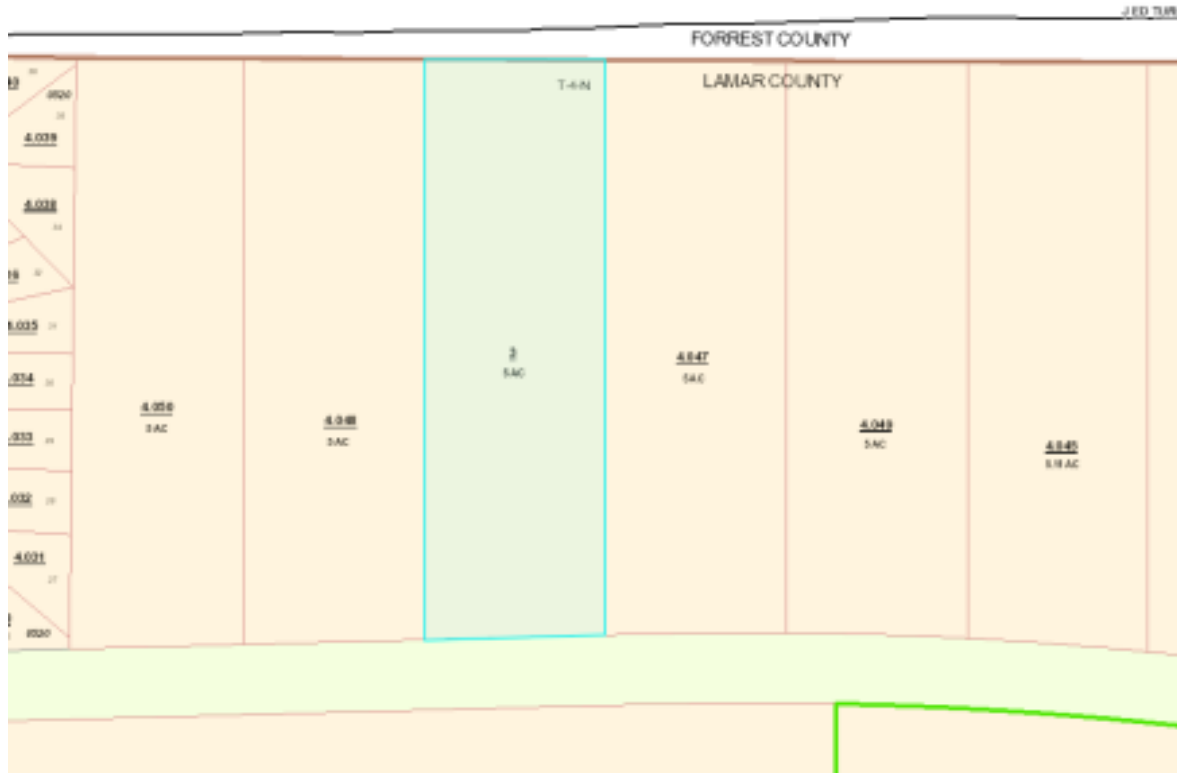
Indicators

Sale Price/Gross Acre	\$14,800 Actual or \$14,800 Adjusted
Sale Price/Gross SF	\$0.34 Actual or \$0.34 Adjusted

Remarks

This property is located in Lamar County on the back side of Greystone. This site is a residential site. Conveniently located next to Longleaf Trace. Oak Grove District. City of Hattiesburg service. Taxes to be determined. It was on market for 588 days. Listed for \$89,000 and sold for 74,000.

Land Sale No. 2



Land Sale No. 2 (Cont.)**Property Identification**

Record ID	6742
Property Type	Commercial Land, Vacant Land
Property Name	Residential Land at Lamar County
Address	Lot 3 J Ed Turner Drive , Hattiesburg, Lamar County, Mississippi 39402
Location	Hattiesburg Northwest
Tax ID	052A-03-003.000 or PPIN 008881
User 1	Section: 03
User 2	Township: 04N
User 3	Range: 14W
Market Type	Residential

Sale Data

Grantor	Keith Daniel Bohman and wife, Summer Lee Bohman
Grantee	John Eye and wife, Krista Eye
Sale Date	February 13, 2017
Deed Book/Page	B-0241 P-391
Property Rights	Fee simple
Verification	Confirmed by JN with Summer Lee Bohman. ; 419-450-4731 , Keith Daniel Bohman (Owner) , 419-450-4731
Sale Price	\$85,000
Cash Equivalent	\$85,000
Adjusted Price	\$85,000

Land Data

Topography	Gentle Rolling
Utilities	City electric, gas, water, cable TV on site
Shape	Rectangular
Landscaping	Wooded
Flood Info	Panel - 28035C0085D. Eff 3/2/2010
User 5	Area of minimal flood hazard.

Land Size Information

Gross Land Size	4.990 Acres or 217,364 SF
------------------------	---------------------------

Indicators

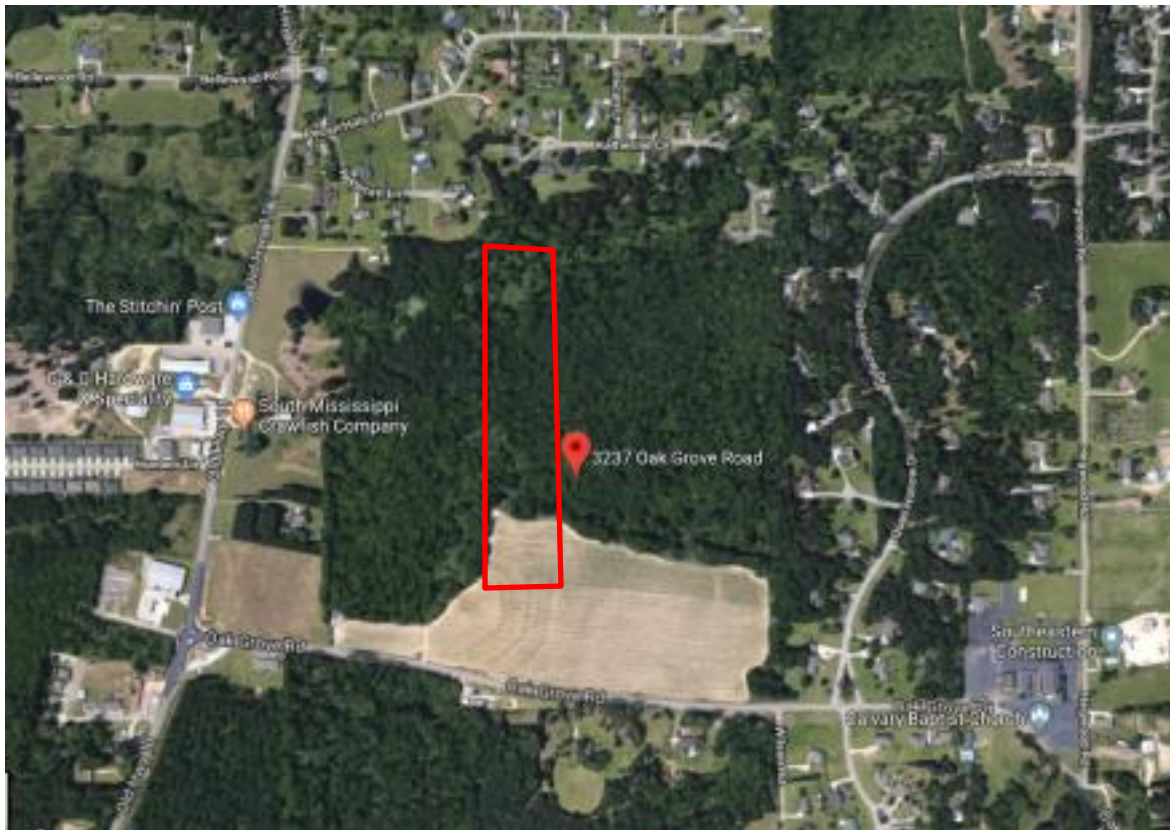
Sale Price/Gross Acre	\$17,034 Actual or \$17,034 Adjusted
Sale Price/Gross SF	\$0.39 Actual or \$0.39 Adjusted

Remarks

4.99 acres located on J Ed Turner Drive, also fronting on Rails to Trails. The property sold in 03/15 for \$76,900 per MLS #93410. The property resold 2 years later for \$85,000 (+10.50%)

Legal Description: A part of the NW 1/4 of the NW 1/4 of Section 3, Township 4 North, Range 14 West, County of Lamar, State of Mississippi, being more particular described as commencing at the NE corner of said Section 3; thence run South for 0.89 feet to a point on the South right of way line of J Ed Turner Drive; thence run South 89, 59'05" West along said South right of way line 1030.96 feet; thence run South 88,29'19" West along said South right of way line for 515.66 feet to the point of Beginning; thence continue South 88,29'19" West along said South right of way line for 257.76 feet; thence run south for 844.71 feet to a point on the north right of way line of Longleaf Trace (Rails to Trails); thence run North 88,07'46" East along said North right of way line for 257.88 feet; thence run north for 843.09 feet back to the Point of Beginning, comprising 4.99 acres more or less; together with all improvements thereon and appurtenances thereunto belonging.

Land Sale No. 3



Property Identification

Record ID	6721
Property Type	Residential Land, Undeveloped Land
Property Name	Residential Land
Address	3237 Oak Grove Rd, Hattiesburg, Lamar County, Mississippi 39402
User 2	3413
User 3	21-04N-14W

Sale Data

Grantor	Pamela Shae Byrd Barnes
Grantee	Westhaven Developments LLC
Sale Date	December 08, 2017
Deed Book/Page	26-J/319
Property Rights	Fee Simple
Marketing Time	141 Days
Conditions of Sale	Arm's Length
Financing	Cash to seller
Verification	JN confirmed with the buyer & selling agent; Kathy Palmer (Agent) , 601-255-5131

Sale Price	\$180,000
Cash Equivalent	\$180,000
Adjusted Price	\$180,000

Land Data

Zoning	Residential
Topography	Level, gentle rolling, open.

Utilities	Water supplier: Lamar. Electricity/Pearl River.
Landscaping	Wooded
Flood Info	Not located in a designated flood zone
User 5	Panel - 28073C0145E.
User 6	Eff 03/02/2010
User 7	No

Land Size Information

Gross Land Size	14.579 Acres or 635,061 SF
------------------------	----------------------------

Indicators

Sale Price/Gross Acre	\$12,347
Sale Price/Gross SF	\$0.28

Remarks

Vacant residential land on Oak grove road near Old Hwy 11. Purchased for the development of a single family residential subdivision, Westhaven Phase II

Land Sale No. 4**Property Identification**

Record ID	6312
Property Type	Residential Land
Property Name	Residential Land
Address	Lincoln Rd, Hattiesburg, Lamar County, Mississippi 39402
Location	S of Lincoln Road, E of Hegwood (Adjacent to Lapapillon S/D)
Tax ID	055G-15-017.000
User 1	100581-Flex MLS
User 2	012541
User 3	15-04N-14W
Grantor	Karen Rupp
Grantee	John Kamino
Sale Date	March 07, 2016
Deed Book/Page	25A/331
Property Rights	Fee Simple
Marketing Time	163 Days
Conditions of Sale	Arm's Length
Financing	Cash to seller
Verification	Confirmed with Michael Anderson (Selling Agent) by Zac Fairley; October 04, 2017

Sale Price	\$218,500
Cash Equivalent	\$218,500

Land Data

Topography	Level; Wooded
Utilities	None
Shape	Irregular
Flood Info	Not located in a designated flood zone

Land Size Information

Gross Land Size	20.000 Acres or 871,200 SF
------------------------	----------------------------

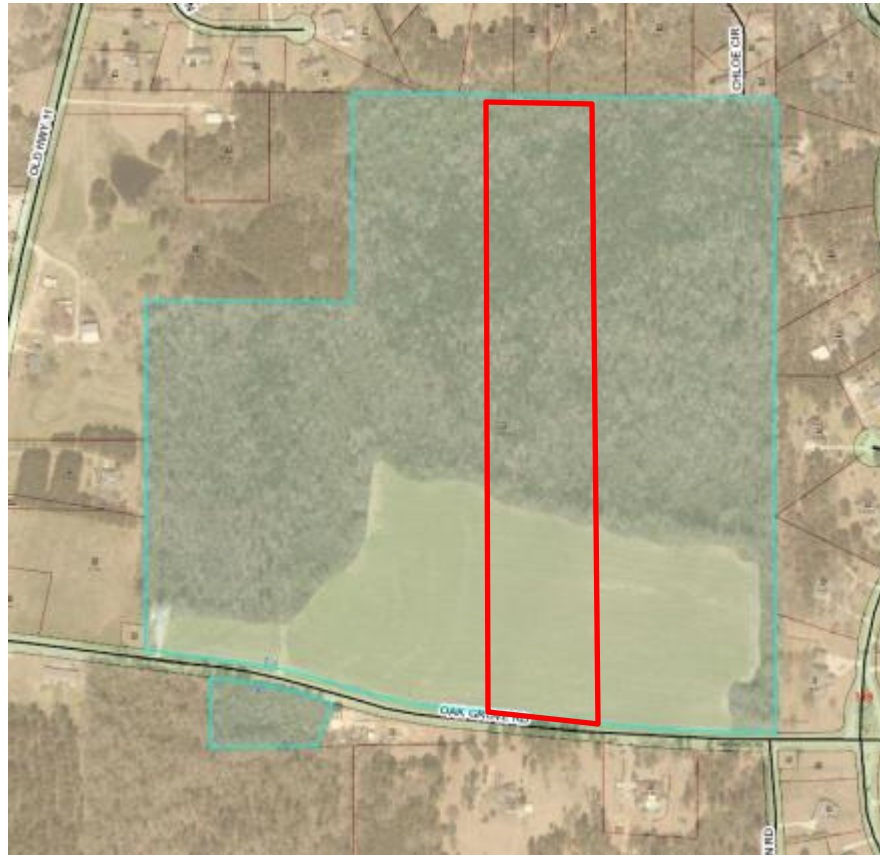
Indicators

Sale Price/Gross Acre	\$10,925
------------------------------	----------

Remarks

Property is located south of Lincoln Road and east of Hegwood Road. At the time of sale the property was landlocked and did not have legal access. The selling agent stated, an ingress/egress easement was granted across an adjacent property after purchase. The property is wooded in nature with gently rolling topography. The selling agent stated the property was purchased for a residential estate tract.

Land Sale No. 5



Land Sale No. 5 (Cont.)**Property Identification**

Record ID	6439
Property Type	Residential Land
Property Name	Oak Grove Rd-Proposed Subdivision
Address	3237 Oak Grove RD, Hattiesburg, Lamar County, Mississippi 39402
Location	Across from the lamar county water tower
Tax ID	055P-21-015.000 or PPIN 003413
User 1	Section: 21
User 2	Township: 04N
User 3	Range: 14W

Sale Data

Grantor	Barnes Pamela Shae
Sale Date	November 28, 2016
Deed Book/Page	B-024E P-665
Property Rights	Fee Simple
Marketing Time	52 Days
Conditions of Sale	Arm's Length
Financing	Cash to seller
Verification	Sold by Century 21 Alliance with Agent-Jeff Palmer.; 601-255-5131 , Jeff Palmer (agent) , 601-297-4400

Sale Price	\$285,000
Cash Equivalent	\$285,000
Adjusted Price	\$285,000

Land Data

Zoning	R-E (Residential Estate)
Topography	Mostly Level; Gently Rolling; Partially Wooded; Open

Utilities	All typical
Shape	Rectangular
Fencing	None
Flood Info	Not located in a designated flood zone
User 5	Panel-28073C0145E
User 6	03/02/2010

User 7	No
---------------	----

Land Size Information

Gross Land Size	22.000 Acres or 958,320 SF
Front Footage	600 ft Total Frontage: 600 ft Oak Grove Rd;

Indicators

Sale Price/Gross Acre	\$12,955 Actual or \$12,955 Adjusted
Sale Price/Gross SF	\$0.30 Actual or \$0.30 Adjusted
Sale Price/Front Foot	\$475 Actual or \$475 Adjusted

Remarks

This is a 22 acres parcel subdivided off from a larger 78 acres parcel. Is a prime Oak Grove location on Oak Grove Road.

Phase I of Westhaven subdivision developed on the property

Comparable Sales Map



Analysis Grid

The above sales have been analyzed and compared with the subject property. We have considered adjustments in the areas of:

- Property Rights Sold
- Financing
- Conditions of Sale
- Market Trends
- Location
- Physical Characteristics

On the following page is a sales comparison grid displaying the subject property, the comparables and the adjustments applied.

Land Sales Summary and Adjustment Grid						
Subject	Comparable 1	Comparable 2	Comparable 3	Comparable 4	Comparable 5	
Location:	131 J ED Turner	Lot 3 J Ed Turner	3237 Oak Grove Rd	Lincoln Rd	3237 Oak Grove RD	
Submarket:	Northwest of Hattiesbur	Northwest		S of Lincoln Road, E	Across from the	
O.R. Book/Page:	B-024G P-446	B-0241 P-391	26-J/319	25A/331	B-024E P-665	
Seller:	LL Trace, LLC	Keith Daniel Bohman	Pamela shae Byrd	Karen Rupp	Barnes Pamela Shae	
Buyer:	Brent D. Bevard	John Eye and wife,	Westhaven	John Kamino		
Date of Sale:	February-15	February-17	December-17	March-16	November-16	
Sale Price:	\$74,000	\$85,000	\$180,000	\$218,500	\$285,000	
Adjusted Sale Price:	\$74,000	\$85,000	\$180,000	\$218,500	\$285,000	
Site Size (Acres):	5.00	4.99	14.58	20.00	22.00	
Unadjusted Price/acres	\$14,800	\$17,034	\$12,347	\$10,925	\$12,955	
Adjustments						
Rights Transferred:	Fee Simple	Fee Simple	Fee Simple	Fee Simple	Fee Simple	
Financial Considerations:	Market	Market	Market	Market	Market	
Conditions of Sale:	Arm's Length	Arm's Length	Arm's Length	Arm's Length	Arm's Length	
	0%					
Market Conditions - Time:	Stable	Stable	Stable	Stable	Stable	
	10%	5%	0%	10%	10%	
Time Adjusted Cash Equiv. Price/SF:	\$16,280	\$17,886	\$12,347	\$12,018	\$14,250	
Location:	Superior	Superior	Superior	Superior	Superior	
	0%	0%	0%	0%	0%	
Site Size (Gross Acres):	5.00	4.99	14.58	20.00	22.00	
	-25%	-25%	-5%	0%	0%	
Zoning:	Similar	Similar	Similar	Similar	R-E (Residential	
	0%	0%	0%	0%	0%	
Utilities:	Similar	Similar	Similar	Similar	Similar	
	0	0	0	0	0	
Topography	Superior	Superior	Superior	Inferior access	Superior	
	-5%	-5%	-5%	10%	-5%	
Net Adjustments:	-30%	-30%	-10%	10%	-5%	
Adjusted Price/SF:	\$11,396	\$12,520	\$11,112	\$13,219	\$13,538	

ADJUSTMENTS

Location: All of the sales are located in the Oak Grove School district, and all of the sales were considered generally similar in overall location. No significant location adjustments were applied.

Size: the subject is 25.94 acres, which is significantly larger than several of the sales. There have been a variety of 5 acre sales along J Ed Turner Drive, which had unit values ranging from \$14,800 to \$17,034 per acre. Typically speaking, as lot size decreases, the unit value increases. Therefore, it is reasonable to include a size adjustment to sales 1 through 3.

Furthermore, I investigated all small acreage sales (3-8 acres) in the Oak Grove area, compared to larger acreage sales (15-35 acres). The smaller acreage sales averaged \$12,532 per acre, with the larger sales averaging \$7,331/acre. Based on these sales alone, a size adjustment of 41% is indicated.

Based on the data in the region ranging from 10 to 41 %, an adjustment of 25 % was applied to the sales. This discount would also cover any discounting for subdivision into 5 acre lots.

Market Conditions: The overall residential market has been slowly improving since the significant economic slowdown from 2009-2010. There is increased speculation building, several new residential developments, and an increase in home values.

More particularly, sale 2 sold for \$76,900 in March of 2015, and again in February 2017 for \$85,000. This indicates a +/- 10% increase in value over 2 years. A 5% per year adjustment was applied to the land sales.

Topography

The subject has a large rail road cut/ gulley running across the middle, as well as some area in a flood zone. The sales were adjusted down for superior topography.

PARCEL A VALUATION

After all adjustments, the sales had unit values ranging from \$11,112 to \$13,538 per acre.

Several of the sales are located along J Ed Turner Drive, and are very similar in all respects, except for size. These sales sold for \$14,800 and \$17,886 per acre prior to any adjustments. However, these sales are +/- 20% the size of the subject, which is much larger at 25.94 acres. Additionally, the subject has a portion located in a flood zone. Overall, these two sales were considered superior, and the subject would have a unit value lower than these sales.

Furthermore, I included several other larger acreage sales in Lamar County for further support. These sales had unit values ranging from \$11,112 to \$13,538 per acre after adjustments. This per acre range is reasonable considering the adjustments to sales 1 and 2.

The adjacent property (east) is listed on the local MLS system for \$149,500 (MLS#110416), for 10 acres, or \$14,950/acre. This property is nearly identical to the subject, except for size.

In conclusion, the sales had adjusted values ranging from \$11,112 to \$13,538 per acre, with the sales along J Ed Turner Drive ranging from \$11,396 to \$12,520 per acre.

After considering all of the sales and their adjustments, a unit value of \$12,500 was selected for the property in the before condition.

TIMBER

It was noted that located within the 1.88 acres is an established timber stand, that may or may not have some pre-merchantable timber value. However, all of the selected sales have an established timber stand, so the adopted unit value of \$12,500 per acre would include any contributory timber value.

SUMMARY OF BEFORE VALUE

25.94 acres x \$12,500/acre = \$324,250

AFTER VALUE

In the after condition, the property will lose 1.88 acres of land along the eastern border. The remaining property will continue to have access from J Ed Turner Drive, will continue to have access to the Long Leaf Trace, and will have the same highest and best use. The same set of sales were considered in the after condition, and the same unit value of \$12,500 was adopted for the after condition.

DAMAGES

None concluded

SUMMARY OF

AFTER VALUE

24.06 acres x \$12,500/acre = \$300,750

Final Reconciliation of Value

	Before	After	Difference
Sales Comparison Approach	\$324,250	\$300,750	\$23,500

Reconciliation	<i>Explain the appropriateness of the approaches, the accuracy of the data and calculations, and the quantity and quality of the data presented relative to the scope of the assignment and the specific appraisal problem.</i>
The sales comparison approach indicated a before value of \$324,250, and a after value of \$300,750, with a just compensation of \$23,500. This approach was the only valid approach to value.	

The difference between the Fair Market Value of the whole tract and the remainder is

\$23,500

as of 02/07/18, and is my opinion of just compensation, for the acquisition of the real property rights described in this appraisal report.

Addenda

Glossary

This glossary contains the definitions of common words and phrases, used throughout the appraisal industry, as applied within this document. Please refer to the publications listed in the **Works Cited** section below for more information.

Works Cited:

- Appraisal Institute. *The Appraisal of Real Estate*. 13th ed. Chicago: Appraisal Institute, 2008. Print.
- Appraisal Institute. *The Dictionary of Real Estate Appraisal*. 5th ed. 2010. Print.

Effective Date

1. The date on which the analyses, opinion, and advice in an appraisal, review, or consulting service apply.
2. In a lease document, the date upon which the lease goes into effect. (Dictionary, 5th Edition)

Exposure Time

1. The time a property remains on the market.
2. The estimated length of time the property interest being appraised would have been offered on the market prior to the hypothetical consummation of a sale at market value on the effective date of the appraisal; a retrospective estimate based on an analysis of past events assuming a competitive and open market. (Dictionary, 5th Edition)

Extraordinary Assumption

An assumption, directly related to a specific assignment, which, if found to be false, could alter the appraiser's opinions or conclusions. Extraordinary assumptions presume 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, 2010-2011 ed.) (Dictionary, 5th Edition)

Fee Simple Estate

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. (Dictionary, 5th Edition)

Highest & Best Use

The reasonably probable and legal use of vacant land or an improved property that 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. Alternatively, the probable use of land or improved property—specific with respect to the user and timing of the use—that is adequately supported and results in the highest present value. (Dictionary, 5th Edition)

Highest and Best Use of Land or a Site as Though Vacant

Among all reasonable, alternative uses, the use that yields the highest present land value, after payments are made for labor, capital, and coordination. The use of a property based on the assumption that the parcel of land is vacant or can be

made vacant by demolishing any improvements. (Dictionary, 5th Edition)

Highest and Best Use of Property as Improved

The use that should be made of a property as it exists. An existing improvement should be renovated or retained as is so long as it continues to contribute to the total market value of the property, or until the return from a new improvement would more than offset the cost of demolishing the existing building and constructing a new one. (Dictionary, 5th Edition)

Hypothetical Condition

That which is contrary to what exists but is supposed for the purpose of analysis. Hypothetical conditions assume 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. (Dictionary, 5th Edition)

Leased Fee Interest

A freehold (ownership interest) where the possessory interest has been granted to another party by creation of a contractual landlord-tenant relationship (i.e., a lease). (Dictionary, 5th Edition)

Market Area

The area associated with a subject property that contains its direct competition. (Dictionary, 5th Edition)

Market Value

The major focus of most real property appraisal assignments. Both economic and legal definitions of market value have been developed and refined.

1. The most widely accepted components of market value are incorporated in the following definition: The most probable price that the specified property interest should sell for in a competitive market after a reasonable exposure time, as of a specified date, in cash, or in terms equivalent to cash, under all conditions requisite to a fair sale, with the buyer and seller each acting prudently, knowledgeably, for self-interest, and assuming that neither is under duress.

2. Market value is described in the Uniform Standards of Professional Appraisal Practice (USPAP) as follows: A type of value, stated as an opinion, that presumes the transfer of a property (i.e., a right of ownership or a bundle of such rights), as of a certain date, under specific conditions set forth in the definition of the term identified by the appraiser as applicable in an appraisal. (USPAP, 2010-2011 ed.) USPAP also requires that certain items be included in every appraisal report. Among these items, the following are directly related to the definition of market value:

- Identification of the specific property rights to be appraised.
- Statement of the effective date of the value opinion.
- Specification as to whether cash, terms equivalent to cash, or other precisely described financing terms are

assumed as the basis of the appraisal.

- If the appraisal is conditioned upon financing or other terms, specification as to whether the financing or terms are at, below, or above market interest rates and/or contain unusual conditions or incentives. The terms of above—or below—market interest rates and/or other special incentives must be clearly set forth; their contribution to, or negative influence on, value must be described and estimated; and the market data supporting the opinion of value must be described and explained.

3. The following definition of market value is used by agencies that regulate federally insured financial institutions in the United States: The most probable price that a property should bring in a competitive and open market under all conditions requisite to a fair sale, the buyer and the seller each acting prudently and knowledgeably, and assuming the price is not affected by undue stimulus. Implicit in this definition is the consummation of a sale as of a specified date and the passing of title from seller to buyer under conditions whereby:

- Buyer and seller are typically motivated;
- Both parties are well informed or well advised,

and acting in what they consider their best interests;

- A reasonable time is allowed for exposure in the open market;
- Payment is made in terms of cash in U.S. dollars or in terms of financial arrangements comparable thereto; and
- The price represents the normal consideration for the property sold unaffected by special or creative financing or sales concessions granted by anyone associated with the sale. (12 C.F.R. Part 34.42(g); 55 Federal Register 34696, August 24, 1990, as amended at 57 Federal Register 12202, April 9, 1992; 59 Federal Register 29499, June 7, 1994)

4. The International Valuation Standards Council defines market value for the purpose of international standards as follows: The estimated amount for which a property should exchange on the date of valuation between a willing buyer and a willing seller in an arm's-length transaction after proper marketing wherein the parties had each acted knowledgeably, prudently, and without compulsion. (International Valuation Standards, 8th ed., 2007)

5. Market value is the amount in cash, or on terms reasonably equivalent to cash, for which in all probability the property would

have sold on the effective date of the appraisal, after a reasonable exposure of time on the open competitive market, from a willing and reasonably knowledgeable seller to a willing and reasonably knowledgeable buyer, with neither acting under any compulsion to buy or sell, giving due consideration to all available economic uses of the property at the time of the appraisal. (Uniform Standards for Federal Land Acquisitions) (Dictionary, 5th Edition)

Marketing Time

An opinion of the amount of time it might take to sell a real or personal property interest at the concluded market value level during the period immediately after the effective date of the appraisal. Marketing time differs from exposure time, which is always presumed to precede the effective date of an appraisal. (Advisory Opinion 7 of the Standards Board of The Appraisal Foundation and Statement on Appraisal Standards No. 6, “Reasonable Exposure Time in Real Property and Personal Property Market Value Opinions” address the determination of reasonable exposure and marketing time). (Dictionary, 5th Edition)

Scope of Work

The type and extent of research and analyses in an assignment. (Dictionary, 5th Edition)

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FILED

2012 FEB 28 AM 11 07

WAYNE SMITH
CHANCERY CLERK

Prepared by:

Stephen G. Younger, Esq.
850 East River Place, Suite 302
Jackson, MS 39202
Tel. No. (601) 353-1571
MSB #6671

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Indexing instructions:

NE ¼ NW ¼ and NW ¼ NW ¼ Sec. 2, T4N, R14W
Lamar County, Mississippi

Grantor:

P.O. Box 16866
Jackson, MS 39236
Tel. No. 601-205-8503

Grantee:

P.O. Box 1956
Madison, MS 39130
Tel. No. 601-853-4242

WARRANTY DEED

FOR AND IN 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 and sufficiency of which is hereby acknowledged, the undersigned **LL TRACE, LLC, a Mississippi Limited Liability Company**, does hereby sell, convey and warrant unto **STAN BLACK** the following described land and property situated in Lamar County, Mississippi, to wit:

See Exhibit attached hereto and incorporated herein for all purposes.

The 2012 taxes shall be assumed by Grantee herein.

This conveyance is subject to any and all easements, rights of way, covenants, restrictions or conditions of record or in use on subject property.

WITNESS the signatures of the company by its Members, on this the 2nd day of FEBRUARY 2012.

LL TRACE, LLC

By: Stan A. Hall
STAN A. HALL, Member

Sam H. Hall
SAM H. HALL, Member

Brett C. Matthews
BRETT, C. MATTHEWS, Member

STAN BLACK, Member

L. CARR McCLAIN, Member

STATE OF MISSISSIPPI
COUNTY OF Furness

PERSONALLY appeared before me, the undersigned authority in and for the jurisdiction aforesaid, Stan A. Hall, who acknowledged to me that he is a Member of LL Trace, LLC, a Mississippi Limited Liability Company, and that he signed and delivered the above and foregoing instrument of writing on behalf of the company on the day and year therein mentioned after first being authorized to do so.

GIVEN under my hand and seal, this the 2nd day of Feb 2012.

Dandra M. Meyer
NOTARY PUBLIC

My Commission Expires:



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This conveyance is subject to any and all easements, rights of way, covenants, restrictions or conditions of record or in use on subject property.

WITNESS the signatures of the company by its Members, on this the 2nd day of February 2012.

LL TRACE, LLC

By: _____

STAN A. HALL, Member

SAM H. HALL, Member

BRETT C. MATTHEWS, Member

STAN BLACK, Member

L. Carr McClain
L. CARR McCLAIN, Member

STATE OF MISSISSIPPI
COUNTY OF _____

PERSONALLY appeared before me, the undersigned authority in and for the jurisdiction aforesaid, Stan A. Hall, who acknowledged to me that he is a Member of LL Trace, LLC, a Mississippi Limited Liability Company, and that he signed and delivered the above and foregoing instrument of writing on behalf of the company on the day and year therein mentioned after first being authorized to do so.

GIVEN under my hand and seal, this the _____ day of _____ 2012.

NOTARY PUBLIC

My Commission Expires:

STATE OF MISSISSIPPI
COUNTY OF Madison

PERSONALLY appeared before me, the undersigned authority in and for the jurisdiction aforesaid, Stan Black, who acknowledged to me that he is a Member of LL Trace, LLC, a Mississippi Limited Liability Company, and that he signed and delivered the above and foregoing instrument of writing on behalf of the company on the day and year therein mentioned after first being authorized to do so.

GIVEN under my hand and seal, this the 2nd day of February 2012.

Steve Younger
NOTARY PUBLIC



STATE OF MISSISSIPPI
COUNTY OF Forrest

PERSONALLY appeared before me, the undersigned authority in and for the jurisdiction aforesaid, L. Carr McClain, who acknowledged to me that he is a Member of LL Trace, LLC, a Mississippi Limited Liability Company, and that he signed and delivered the above and foregoing instrument of writing on behalf of the company on the day and year therein mentioned after first being authorized to do so.

GIVEN under my hand and seal, this the 2nd day of February 2012.

Teresa C. Brannan
NOTARY PUBLIC

My Commission Expires:

2-4-2013



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STATE OF MISSISSIPPI
COUNTY OF Forrest

PERSONALLY appeared before me, the undersigned authority in and for the jurisdiction aforesaid, Sam H. Hall, who acknowledged to me that he is a Member of LL Trace, LLC, a Mississippi Limited Liability Company, and that he signed and delivered the above and foregoing instrument of writing on behalf of the company on the day and year therein mentioned after first being authorized to do so.

GIVEN under my hand and seal, this the 2nd day of Feb 2012.

Tambra M. Guyre
NOTARY PUBLIC

My Commission Expires:



STATE OF MISSISSIPPI
COUNTY OF Madison

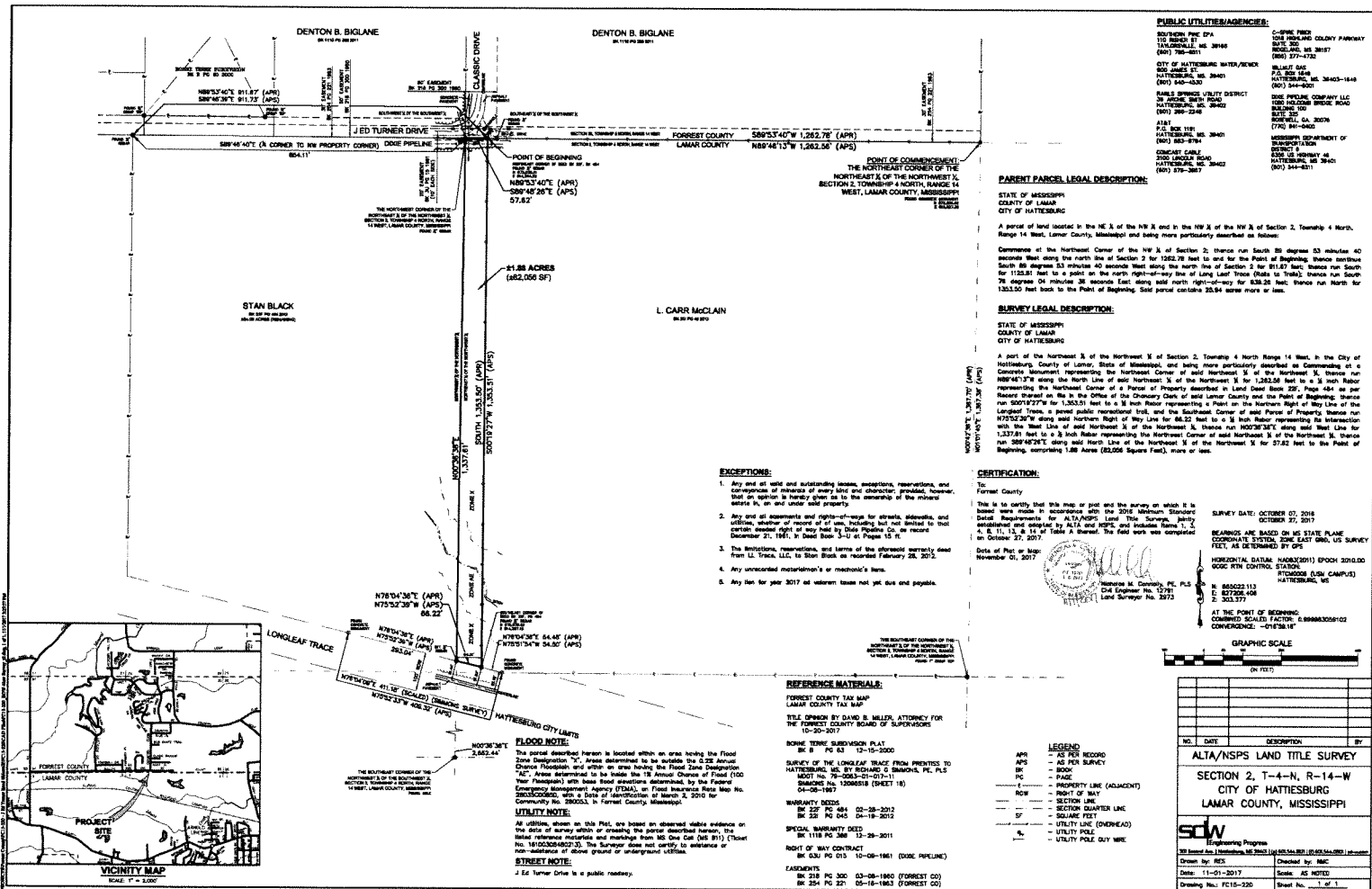
PERSONALLY appeared before me, the undersigned authority in and for the jurisdiction aforesaid, Brett C. Matthews, who acknowledged to me that he is a Member of LL Trace, LLC, a Mississippi Limited Liability Company, and that he signed and delivered the above and foregoing instrument of writing on behalf of the company on the day and year therein mentioned after first being authorized to do so.

GIVEN under my hand and seal, this the 2nd day of February 2012.

Steve Younger
NOTARY PUBLIC

My Commission Expires:







Property Link

LAMAR COUNTY, MS

Current Date 2/ 8/2018

Tax Year 2017
Records Last Updated 2/ 7/2018**PROPERTY DETAIL**

OWNER BLACK STAN
PO BOX 1936

MADISON MS 39130

ACRES : 25.94
LAND VALUE : 5450
IMPROVEMENTS : **NA**
TOTAL VALUE: 5450
ASSESSED : 818

PARCEL 051D-02-001.003
ADDRESS J ED TURNER DR

TAX INFORMATION

YEAR 2017	TAX DUE	PAID	BALANCE
COUNTY	45.40	45.40	0.00
CITY	43.66	43.66	0.00
SCHOOL	52.34	52.34	0.00
TOTAL	141.40	141.40	0.00

LAST PAYMENT DATE 12 / 13 / 2017**MISCELLANEOUS INFORMATION**

EXEMPT CODE		LEGAL PT N 1/2 OF NW 1/4
HOMESTEAD CODE	None	B 022F P 484 02/28/2012
TAX DISTRICT	0616	
PPIN	035075	
SECTION	02	
TOWNSHIP	04N	
RANGE	14W	

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PURCHASE COUNTY TAX SALE FILES**TAX SALES HISTORY, FOR UNPAID TAXES**

<u>Year</u>	<u>Sold To</u>	<u>Redeemed Date/By</u>
2014	CENTRAL PROPERTIES/BMO HARRIS	6/30/2016 BULLDOG CONSTRUCTION COMPANY

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



Property Appraisal Link

LAMAR COUNTY, MS

Current Date 2/ 8/2018

Tax Year 2017

PARCEL 051D-02-001.003

APPRAISAL INQUIRY

ALT PARCEL NUMBER 105 0200000 00202

PPIN 035075

SKETCH 1

OWNER NAME

BLACK STAN

PO BOX 1936

MADISON MS39130

PROPERTY ADDRESS

J ED TURNER DR

PROPERTY IS VACANT (Y/N) Y

FIELD WORK BY DATE: //

CLASSED BY DATE: //

REVIEWED BY DATE: //

REALTOR CODE

LEGAL DESCRIPTION

1

PT N 1/2 OF NW 1/4

Section 02 Township 04N Range 14W

Book 022F Page 484 Type Date 2/28/2012

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
-------	------	------	-------	-------	------	--------------	------	-------	--------	-------------	-----------	--------

4.50	A	2	1			U		287.00	1.00		1290	8415
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21.44	B	2	1			U		194.00	1.00		4160	40093
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ACREAGE VALUE

5450

OVERALL VALUE

5450

LAND USE CODE CLASS 1

LAND USE CODE CLASS 2 9220 NONRESERVED FORESTS

BUILDING DESCRIPTIONS

NUMBER	CODE	BUILDING DESCRIPTION	VALUE	ELIGIBLE CLASS 1
--------	------	----------------------	-------	------------------

*** NO BUILDING INFO ***

TOTAL PARCEL VALUE 5450

LEGAL DESCRIPTION**Parcel 2 (Stan Black)**

A parcel of land located in the NE 1/4 of the NW 1/4 and in the NW 1/4 of the NW 1/4 of Section 2, Township 4 North, Range 14 West, Lamar County, Mississippi and being more particularly described as follows:

Commence at the Northeast Corner of the NW 1/4 of Section 2; thence run South 89 degrees 53 minutes 40 seconds West along the north line of Section 2 for 1262.78 feet to and for the Point of Beginning; thence continue South 89 degrees 53 minutes 40 seconds West along the north line of Section 2 for 911.67 feet; thence run South for 1125.81 feet to a point on the north right-of-way line of Long Leaf Trace (Rails to Trails); thence run South 76 degrees 04 minutes 36 seconds East along said north right-of-way for 939.26 feet; thence run North for 1353.50 feet back to the Point of Beginning.
Said parcel contains 25.94 acres more or less.

CERTIFICATE OF FILING AND RECORDING
STATE OF MISSISSIPPI • LAMAR COUNTY
WAYNE SMITH • CHANCERY CLERK
INDEXED LD BOOK 22-F PAGE 484
RECORDED Shirley ABSTRACTED Blaine D.C.



QUALIFICATIONS OF THOMAS JONATHON NULL

Professional Designations & Affiliations

- ◆ State Certified General Real Estate Appraiser in the State of Mississippi,(GA-799)
- ◆ Designated Member of the Appraisal Institute

Related Job Experience

Collins Appraisal Group March 2003- Present

Appraiser - site inspections, report preparation, and analysis of commercial, timberland, and right-of-way projects.

OSCA Inc./ BJ Services May 1998-March 2003

Stimulation engineer- Oil service company. Multitasking, tri-lingual, international and domestic experience.

Academic Background

High School Diploma Meridian High School- Meridian, MS - 1993

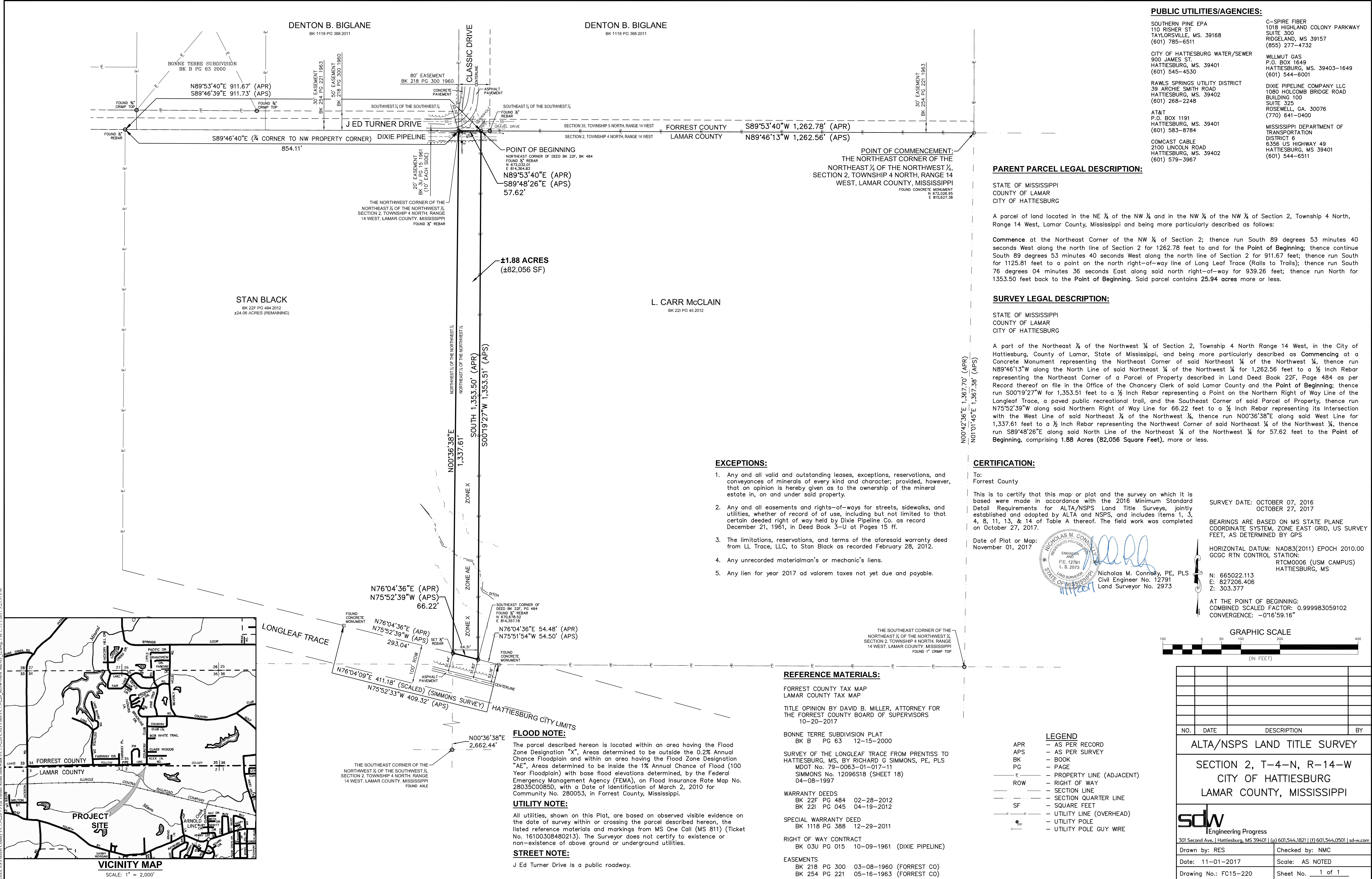
BS in Geology Mississippi State University – 1998

Professional Education

Course (110)	Appraisal Principles Course	Appraisal Institute	2003
Course (120)	Appraisal Procedures Course	Appraisal Institute	2003
Course (310)	Basic Income Capitalization	Appraisal Institute	2003
Course (510)	Advanced Income Capitalization	Appraisal Institute	2003
	Uniform Standards of Professional Appraisal Practice	Lincoln Graduate	2003
Course (200)	International Right of Way Assoc	IRWA	2003
	Conservation Easement Seminar	Tara Wildlife Center	2003
Course (410)	The Appraisal of Partial Acquisitions	IRWA	2004
Course (801)	Land Titles	IRWA	May 2005
Course (901)	Engineering Plan and Development	IRWA	May 2005
	Yellow Book Seminar	Appraisal Institute	2006
	Conservation Easement Seminar	Tara Wildlife Center	2006
Course (520)	General Market Analysis and Highest and Best Use	Appraisal Institute	2006
	Wetland Symposium		2007
Course (550)	Advanced Applications	Appraisal Institute	Nov. 2007
Course (540)	Report writing and valuation analysis		April 2007
	National USPAP		2008
	Advanced Sales Comparison & Cost Approaches		2008
	Business Practice and Ethics		2008
Course (530)	Advanced Sales and Cost Approach	Appraisal Institute	2008
	Appraising Distressed Commercial Real Estate		2009

Introduction to Conservation Easement Valuation		2010
Oil Spills and Property Values		2010
Attacking an Defending an Appraisal		
In Litigation	Appraisal Institute	2011
7 Hour National USPAP	Appraisal Institute	2011
The Impact of Dodd-Frank on Appraisers		
and Their bank clients	Appraisal Institute	2012
General Demonstration Report Writing	Appraisal Institute	2012
7 Hour National USPAP	Appraisal Institute	2014
R.E. Finance Statistics Valuation Modeling	Appraisal Institute	2014
105 The Uniform Act – Executive Summary		IRWA
USPAP	Appraisal Institute	2015
Rates and Ratios	Appraisal Institute	2016
Drone Technology and Its Impact on the Appraisal Industry		
Appraisal Institute		2017
Fundamentals of Separating Real Property, Personal Property,		
and Intangible Business Assets	Appraisal Institute	2017

G:\PROJECTS\Forrest County\FC15-220\CAD Files\FC15-220_ROW-New Survey_24Aug_1 of 1 (11/20/17 3:25:37 PM)





City of Hattiesburg, MS

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

Master

File Number: 2018-374

File ID: 2018-374

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Ann Jones

File Created: 04/06/2018

Brief Title: Authorize Contract between COH Water and Sewer
Dept. and Anointed Hands Services, 2018.

Final Action:

Minute Book Number: MB2018-108

Title:

Authorize Mayor to execute agreement between City of Hattiesburg Water and Sewer Department and Anointed Hands Services, LLC for professional janitorial services in the amount of \$488.00 per month.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: VI.-1

Sponsors:

Enactment Date:

Attachments: Anointed Hands-Water_Department Contract 2018,
executed Anointed Hands-Water_Department
Contract 2018

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Ann Jones

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018					

Text of Legislative File 2018-374

Title

Authorize Mayor to execute agreement between City of Hattiesburg Water and Sewer Department and Anointed Hands Services, LLC for professional janitorial services in the amount of \$488.00 per month.

Summary

Authorize Contract between COH Water and Sewer Dept. and Anointed Hands Services, 2018.

Budget Information

009763.6870

Expenditure Type

Purchasing Item

Publication Information

Professional Janitorial Service Proposal

Prepared for:

Hattiesburg Water Department

900 James Street

HATTIESBURG, Mississippi 39401

Submitted By:

Anointed Hands Services, LLC

400 Jackson St

P O Box 853

Hattiesburg, MS 39401

(601) 255-5646

April 06, 2018

Anointed Hands Services, LLC
400 Jackson St
P O Box 853
Hattiesburg, MS 39401

April 06, 2018

Hattiesburg Water Department
900 James Street
HATTIESBURG, Mississippi 39401

Subject: Janitorial Service Proposal - Hattiesburg Water Department, 900 James Street, HATTIESBURG, Mississippi 39401

Thank you for allowing Anointed Hands Services, LLC to prepare a professional cleaning service proposal for your consideration. We know it takes considerable time and effort to show any potential contractor your facility, and to provide them with the necessary information. *So again, thanks!*

Here are a few important highlights:

Before we start... All of our cleaners are thoroughly trained on how to perform each cleaning task, as well as on important safety issues. Our goal is to clean each customer's facility professionally and safely.

During the start... We know a seamless, no-hassle start-up is important to every customer. So at Anointed Hands Services, LLC, we combine up-front preparation and training with strong management and direction to ensure a smooth, successful startup.

After the start... A systematic approach to keep your building looking good! At Anointed Hands Services, LLC, we offer strong management and quality control to plan for, and not lose track of, the many necessary cleaning details.

We look forward to the opportunity of becoming a trusted and valued partner in improving and maintaining the appearance of your building. Please call if you have any questions, or need additional information as you review our proposal.

Sincerely,

Sharon Bobbett

Anointed Hands Services, LLC

Hattiesburg Water Department
Professional Janitorial Service Proposal

General

Anointed Hands Services, LLC agrees to provide all labor, supervision, material, and equipment necessary to assure performance of specified cleaning service for the customer. This shall include all services described in the written specifications attached. Anointed Hands Services, LLC agrees to furnish such cleaning service for a period of one year, the dates yet to be agreed upon.

Compensation

2 days per week Professional Cleaning Service Program: **\$488/mo.**

Service Schedule

Cleaning service operations described in this comprehensive program will be performed 2 days per week.

The cleaning crew will observe holidays observed by the customer. Anointed Hands Services, LLC is prepared to adapt this work schedule to coincide with the needs and requests of the customer provided that such requests do not alter the cost of operations.

Invoicing

Invoicing will be on the 1st of every month. Payment policy net 45.

Supervision

Adequate personnel and supervision will be furnished to ensure quality service.

Supplies

The customer will furnish all consumable products inclusive of but not limited to: toilet tissue, towels, trash liners and hand soap. If desired, Anointed Hands Services, LLC can provide these products and invoice them separately.

Anointed Hands Services, LLC will furnish all cleaning supplies inclusive of but not limited to: cleaning agents, disinfectants, etc.

Equipment

Anointed Hands Services, LLC will furnish and maintain all necessary cleaning equipment inclusive of but not limited to: floor machines, buffers, carpet extractor, vacuums, maid carts, mop buckets, wringers, mops and brooms. The customer agrees to provide a secure space for storage of this equipment, as may be necessary.

Anointed Hands Services, LLC will comply with current OSHA regulations and proven procedures

pertaining to all work performed at the customer's location.

Insurance

Anointed Hands Services, LLC will furnish all forms of insurance required by law and shall maintain the same in force.

- Comprehensive General Liability
- Workers' Compensation
- Bonding

Employee Status

Personnel supplied by Anointed Hands Services, LLC are deemed employees of Anointed Hands Services, LLC and will not for any purpose be considered employees or agents of the customer.

Equal Opportunity Employer

Anointed Hands Services, LLC is an equal opportunity employer. All necessary employment forms will be maintained by our office as required by law.

Our Philosophy

Anointed Hands Services, LLC is committed to providing quality janitorial services that deliver the highest levels of customer satisfaction.

Term

The term of this agreement shall be for April 1, 2018 through March 31 2019.

Cancellation

This agreement may be terminated or canceled at any time with a minimum of thirty (30) days written notice from either party.

Agreement

This Agreement ("this Agreement") is made and entered into as of _____, 20____, by and between Anointed Hands Services, LLC, with its principal place of business located at 400 Jackson St, P O Box 853, Hattiesburg, MS 39401 and Hattiesburg Water Department with its principal place of business located at 900 James Street, HATTIESBURG, Mississippi 39401.

NOW, THEREFORE, in consideration of the mutual promises and benefits to be derived by the parties they mutually agree to the terms and conditions as outlined above in this agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement effective as of the date and year first written above.

Anointed Hands Services, LLC

Hattiesburg Water Department

By: _____

By: _____

Name: _____

Name: _____

Date: _____

Date: _____

Title: _____

Title: _____

Professional Janitorial Service Proposal

Prepared for:

Hattiesburg Water Department

900 James Street

HATTIESBURG, Mississippi 39401

Submitted By:

Anointed Hands Services, LLC

400 Jackson St

P O Box 853

Hattiesburg, MS 39401

(601) 255-5646

April 06, 2018

Anointed Hands Services, LLC
400 Jackson St
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Hattiesburg, MS 39401

April 06, 2018

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900 James Street
HATTIESBURG, Mississippi 39401

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- Workers' Compensation
- Bonding

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Anointed Hands Services, LLC

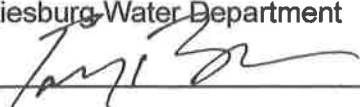
By: _____

Name: _____

Date: _____

Title: _____

Hattiesburg Water Department

By:  _____

Name: Toby Barker

Date: 4-17-18

Title: Mayor



City of Hattiesburg, MS

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

Master

File Number: 2018-384

File ID: 2018-384

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 04/09/2018

Brief Title: Monthly budget report for month ending March 31, 2018.

Final Action:

Minute Book Number: MB2018-108

Title:

Acknowledge receipt of the monthly budget report for the month ending March 31, 2018.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: VI.-2

Sponsors:

Enactment Date:

Attachments: EXP18.0318, REV18.0318

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018					

Text of Legislative File 2018-384

Title

Acknowledge receipt of the monthly budget report for the month ending March 31, 2018.

Summary

Monthly budget report for March 2018.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

001003 - GENERAL FUND-CITY COUNCIL

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
27231	SALARIES							
	REGULAR WAGES 4000	262000		120202	141798	50.0 45.8	21,595-	8.2-
	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300							
	DISASTER RECOVERY OVER 4310							
27231	SALARIES	262000		120202	141798	50.0 45.8	21,595-	8.2-
	EMPLOYEE BENEFITS							
4289	STATE RETIREMENT 4600	41270		18932	22338	50.0 45.8	3,406-	8.2-
2062	F.I.C.A. TAXES 4700	20050		9072	10978	50.0 45.2	1,906-	9.5-
4060	HOSPITALIZATION INS. 4800	62400		22635	39765	50.0 36.2	17,130-	27.4-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	50.0	500-	100.0-
	WORKMAN'S COMPENSATION 4910	550		550	550	50.0	550-	100.0-
10411	EMPLOYEE BENEFITS	124770		50638	74132	50.0 40.5	23,493-	18.8-
37642	PERSONAL SERVICES	386770		170840	215930	50.0 44.1	45,090-	11.6-
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	1500		62	1438	50.0 4.1	1,376-	91.7-
	MINOR OFFICE EQUIP/FUR 5020							
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070	400			400	50.0	400-	100.0-
	COMPUTER SUPPLIES 5080	1100			1100	50.0	1,100-	100.0-
	OFFICE SUPPLIES	3000		62	2938	50.0 2.0	2,876-	95.8-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
71	FOOD 5115	400		71	329	50.0 17.7	258-	64.5-
	MINOR EQUIPMENT 5460	300			300	50.0	300-	100.0-
	OTHER OPERATING MATL/S 5590							
71	OPERATING SUPPLIES	700		71	629	50.0 10.1	558-	79.7-
	REPAIR & MAINTENANCE SP							
	BUILDING MATERIALS & S 5600							
	MTR VEHICLE REP. PTS/S 5700							
	OTHER REPAIR/MAINT. SP 5990							
	REPAIR & MAINTENANCE							
71	SUPPLIES AND EXPENSES	3700		133	3567	50.0 3.5	3,433-	92.7-
	PROFESSIONAL SERVICES							
	AUDITING AND ACCOUNTIN 6010	150000		132045	17956	50.0 88.0	114,090	76.0
	ARCHITECTURAL 6012							
	ENTERTAINMENT 6033							
	DATA PROCESSING 6035							

OTHER PROFESSIONAL SER 6049										
PROFESSIONAL SERVICE			150000		132045	17956	50.0	88.0	114,090	76.0
COMMUNICATIONS										
244	TELEPHONE AND TELEGRAP	6060	1873		1872	1	50.0	99.9	1,871	99.8
	POSTAGE	6070								
244	COMMUNICATIONS		1873		1872	1	50.0	99.9	1,871	99.8
TRANSPORTATION										
	TRAVEL EXPENSE	6110								
200	TRAVEL EXP-CLERK	6110 CLERK	2955	258	2649	48	50.0	89.6	2,343	79.2
23-	TRAVEL EXP-DEPCLERK	6110 DEPCLE	1600	258	403	939	50.0	25.1	793-	49.5-
	TRAVEL EXP-WARD 1	6110 WARD1	2000			2000	50.0		2,000-	100.0-
	TRAVEL EXP-WARD 2	6110 WARD2	1750		252	1498	50.0	14.4	1,246-	71.2-
	TRAVEL EXP-WARD 3	6110 WARD3	1110			1110	50.0		1,110-	100.0-
	TRAVEL EXP-WARD 4	6110 WARD4	2000			2000	50.0		2,000-	100.0-
	TRAVEL EXP-WARD 5	6110 WARD5	2000	250		1750	50.0		2,000-	100.0-
177	TRAVEL EXPENSE		13415	766	3304	9345	50.0	24.6	6,806-	50.7-
	FREIGHT	6120								
	MESSENGER/EXPRESS SERV	6130	100			100	50.0		100-	100.0-
177	TRANSPORTATION		13515	766	3304	9445	50.0	24.4	6,906-	51.0-
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								
	OTHER INSURANCE	6299								
INSURANCE										
REPR/MAINT-OUTSIDE LABO										
	OFFICE EQUIPMENT R&M	6365								
	HOUSEHOLD EQUIPMENT R&	6370								
	MINOR EQUIPMENT R&M	6382								
	MOTOR VEHICLE EQ. R&M	6384								
	OTHER REPAIRS AND MAIN	6399								
REPR/MAINT-OUTSIDE L										
RENTALS										
	OFFICE EQUIPMENT RENT	6410								
	OTHER RENT	6449								
RENTALS										
OTHER SERVICES & CHARGE										
	EXHIBITIONS & PROMOTIO	6500	1427			1427	50.0		1,427-	100.0-
	DUES AND MEMBERSHIPS	6840								
	REGISTRATION FEE/TUITI	6845								
	REG FEE/TUITION-CLERK	6845 CLERK	1035		1065	30-	50.0	102.8	1,095	105.7
	REG FEE/TUITION-DEPCL	6845 DEPCLE	1400	25	465	910	50.0	33.2	470-	33.5-

	REG FEE/TUITION-WARD	6845 WARD1	1000		1000	50.0		1,000-	100.0-
	REG FEE/TUITION-WARD	6845 WARD2	1250	1250		50.0	100.0	1,249	99.9
	REG FEE/TUITION-WARD	6845 WARD3	900		900	50.0		900-	100.0-
	REG FEE/TUITION-WARD	6845 WARD4	1000		1000	50.0		1,000-	100.0-
	REG FEE/TUITION-WARD	6845 WARD5	1000		1000	50.0		1,000-	100.0-
-----			-----	-----	-----	-----	-----	-----	-----
	REGISTRATION FEE/TU		7585	25	2780	4780	50.0 36.6	2,025-	26.6-
	SERVICES NOT SPECIFIED	6999							
-----			-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA		9012	25	2780	6207	50.0 30.8	3,452-	38.3-
-----			-----	-----	-----	-----	-----	-----	-----
421	OTHER SERVICES & CHAR		174400	791	140000	33609	50.0 80.2	105,599	60.5
	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								
-----			-----	-----	-----	-----	-----	-----	-----
38134	EXPENDITURES		564870	791	310974	253105	50.0 55.0	57,078	10.1

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	...PROJECTED....	
ACTUAL		OBJ/SUB	BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN	ACTUAL	OVER/UNDER %
	SALARIES								
76227	REGULAR WAGES	4000	706594		316167	390427	50.0	44.7	74,260- 10.5-
	DISASTER RECOVERY WAGE	4010							
2057	OVERTIME	4300	14900		4880	10020	50.0	32.7	5,140- 34.4-
	DISASTER RECOVERY OVER	4310							
78284	SALARIES		721494		321047	400447	50.0	44.4	79,400- 11.0-
	EMPLOYEE BENEFITS								
12330	STATE RETIREMENT	4600	113640		50558	63082	50.0	44.4	12,524- 11.0-
5820	F.I.C.A. TAXES	4700	55200		23623	31577	50.0	42.7	7,953- 14.4-
9280	HOSPITALIZATION INS.	4800	156000		50460	105540	50.0	32.3	55,080- 35.3-
	UNEMPLOYMENT BENEFITS	4900	4000		2209	1791	50.0	55.2	418 10.4
	WORKMAN'S COMPENSATION	4910	2530			2530	50.0		2,530- 100.0-
27430	EMPLOYEE BENEFITS		331370		126851	204519	50.0	38.2	77,668- 23.4-
105714	PERSONAL SERVICES		1052864		447898	604966	50.0	42.5	157,067- 14.9-
	OFFICE SUPPLIES								
173	PAPER	5003	2000		1215	785	50.0	60.7	430 21.5
	PRINTED FORMS	5005	2000		1396	604	50.0	69.8	792 39.6
	OTHER EXPENDABLE OFF.S	5010	7000		3010	3990	50.0	43.0	979- 13.9-
260	MINOR OFFICE EQUIP/FUR	5020	15000	118	6019	8863	50.0	40.1	2,961- 19.7-
	MICROFILM SUPPLIES	5030							
	SUBSCRIPTIONS,MAGS,MAP	5050							
	BOOKS	5070							
	COMPUTER SUPPLIES	5080	2500	1,000		1500	50.0		2,500- 100.0-
433	OFFICE SUPPLIES		28500	1,118	11640	15742	50.0	40.8	5,220- 18.3-
	OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP	5100	5000		1385	3615	50.0	27.7	2,230- 44.6-
	FOOD	5115	500		41	459	50.0	8.2	418- 83.6-
	GAS AND OIL	5250							
	WEARING APPAREL	5355	100			100	50.0		100- 100.0-
	MINOR EQUIPMENT	5460	1500		80	1420	50.0	5.3	1,340- 89.3-
	OTHER OPERATING MATL/S	5590							
	OTHER OPER.MATL-JAIL G	5591							
	OPERATING SUPPLIES		7100		1506	5594	50.0	21.2	4,088- 57.5-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S	5600	2000	90	134	1776	50.0	6.7	1,732- 86.6-
	MTR VEHICLE REP. PTS/S	5700							
	REPAIR & MAINTENANCE		2000	90	134	1776	50.0	6.7	1,732- 86.6-
433	SUPPLIES AND EXPENSES		37600	1,208	13280	23112	50.0	35.3	11,040- 29.3-
	PROFESSIONAL SERVICES								
	CONSULTANT SERV/SURVEY	6020							
	LEGAL	6025	10000			10000	50.0		10,000- 100.0-
	DATA PROCESSING	6035							

	MICROFILM PROCESSING	6037								
4770	OTHER PROF-JAIL DIV GR	6048	70250		23440	46810	50.0	33.3	23,369-	33.2-
9700	OTHER PROFESSIONAL SER	6049	125000		62816	62184	50.0	50.2	631	.5
	OTHER PROF-TECHNOLOGY	6049 01	98000	9,022	1999	86979	50.0	2.0	94,001-	95.9-
9700	OTHER PROFESSIONAL		223000	9,022	64815	149163	50.0	29.0	93,370-	41.8-
14470	PROFESSIONAL SERVICE		303250	9,022	88255	205973	50.0	29.1	126,739-	41.7-
664	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060	4000		3922	78	50.0	98.0	3,844	96.1
	POSTAGE	6070								
664	COMMUNICATIONS		4000		3922	78	50.0	98.0	3,844	96.1
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	10000		292	9708	50.0	2.9	9,415-	94.1-
1625	TRVL-JAIL DIVERSN GRAN	6118	8200	585	1625	5990	50.0	19.8	4,950-	60.3-
	FREIGHT	6120								
	MESSENGER/EXPRESS SERV	6130								
1625	TRANSPORTATION		18200	585	1918	15698	50.0	10.5	14,363-	78.9-
	ADVERTISING									
	ADVERTISING	6150								
	ADVERTISING									
	PRINTING AND BINDING									
326	PRINTING	6200	2000		562	1438	50.0	28.1	875-	43.7-
	BINDING	6205								
326	PRINTING AND BINDING		2000		562	1438	50.0	28.1	875-	43.7-
	INSURANCE									
	SURETY AND FORGERY BON	6270								
406	GAS	6300	1500		1690	190-	50.0	112.6	1,880	125.3
1021	ELECTRICITY	6305	11500		6376	5124	50.0	55.4	1,252	10.8
1427	INSURANCE		13000		8066	4934	50.0	62.0	3,131	24.0
	REPR/MAINT-OUTSIDE LABO									
702	BUILDING R&M	6350	3200	42	702	2456	50.0	21.9	1,796-	56.1-
	OFFICE EQUIPMENT R&M	6365	500			500	50.0		500-	100.0-
702	REPR/MAINT-OUTSIDE L		3700	42	702	2956	50.0	18.9	2,296-	62.0-
	RENTALS									
503	OFFICE EQUIPMENT RENT	6410	10000		3246	6754	50.0	32.4	3,508-	35.0-
	OTHER RENT	6449								
503	RENTALS		10000		3246	6754	50.0	32.4	3,508-	35.0-
	OTHER SERVICES & CHARGE									
	COURT COSTS	6710								
	REFUNDS	6835								
	POLICE FINE REFUNDS	6835 PF								
	REFUNDS									
	DUES AND MEMBERSHIPS	6840	2300			2300	50.0		2,300-	100.0-
	REGISTRATION FEE/TUITI	6845	500		79	421	50.0	15.8	341-	68.2-
	SERVICES NOT SPECIFIED	6999	2500		35	2465	50.0	1.4	2,430-	97.2-
	OTHER SERVICES & CHA		5300		114	5186	50.0	2.1	5,072-	95.6-
19717	OTHER SERVICES & CHAR		359450	9,649	106785	243016	50.0	29.7	145,880-	40.5-

MACHINERY AND EQUIPMENT
 OFFICE FURN/EQUIP. 7325
 DATA PROCESSING EQUIP. 7327
 OTHER EQUIPMENT 7399

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	MACHINERY AND EQUIPM								
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	CAPITAL OUTLAY								
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125864	EXPENDITURES	1449914	10,857	567964	871094	50.0	39.1	313,985-	21.6-

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

6 Months Ending 03/31/18
ANNUAL OPEN PO
BUDGET & CONTRACTS

	APPRAISAL	6017							
	CONSULTANT SERV/SURVEY	6020							
	ENTERTAINMENT	6033							
	OTHER PROFESSIONAL SER	6049	25000		25000	50.0		25,000-	100.0-
	OTHER PROF SERV-NLC HE	6049 98							
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	PROFESSIONAL SERVICE		25000		25000	50.0		25,000-	100.0-
	COMMUNICATIONS								
320	TELEPHONE AND TELEGRAP	6060	12000		2733	9267	50.0 22.7	6,534-	54.4-
	POSTAGE	6070							
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320	COMMUNICATIONS		12000		2733	9267	50.0 22.7	6,534-	54.4-
	TRANSPORTATION								
1100	TRAVEL EXPENSE	6110	21500	200	2416	18884	50.0 11.2	16,667-	77.5-
	FREIGHT	6120	150		107	43	50.0 71.3	63	42.0
	MESSENGER/EXPRESS SERV	6130	300		74	226	50.0 24.6	152-	50.6-
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1100	TRANSPORTATION		21950	200	2597	19153	50.0 11.8	16,756-	76.3-
	ADVERTISING								
1118	ADVERTISING	6150	26600	2,220	12181	12199	50.0 45.7	2,237-	8.4-
	ADVERTISING-BC HEALTHY	6151							
	ADVERTISING-SPEC. EVEN	6152							
451	ADVERTISING-MAYOR'S YO	6153	10000	90	451	9459	50.0 4.5	9,097-	90.9-
	ADVERTISING-USM-ISP	6156	29400		29400		50.0 100.0	29,400	100.0
	ADVERTISING-WILLIAM CA	6157	7000		7000		50.0 100.0	7,000	100.0
	ADVERTISING-MS ASSC OF	6158	20000		10000	10000	50.0 50.0		
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1569	ADVERTISING		93000	2,310	59032	31658	50.0 63.4	25,064	26.9
	PRINTING AND BINDING								
5	PRINTING	6200	1500		202	1298	50.0 13.4	1,095-	73.0-
	BINDING	6205							
	BLUELINES	6210							
	FILM PROCESSING	6240							
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5	PRINTING AND BINDING		1500		202	1298	50.0 13.4	1,095-	73.0-
	INSURANCE								
	PUBLIC LIAB/PROPERTY D	6255							
	AUTOMOBILE INSURANCE	6265							
	SURETY AND FORGERY BON	6270							
	OTHER INSURANCE	6299							
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	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
201	DISASTER REPAIRS	6351							
	OFFICE EQUIPMENT R&M	6365	2000		1263	737	50.0 63.1	526	26.3
	HOUSEHOLD EQUIPMENT R&	6370							
	MINOR EQUIPMENT R&M	6382							
	MOTOR VEHICLE EQ. R&M	6384	1500			1500	50.0	1,500-	100.0-
	COMMUNICATION EQ. R&M	6390							
	OTHER REPAIRS AND MAIN	6399							
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201	REPR/MAINT-OUTSIDE L		3500		1263	2237	50.0 36.0	974-	27.8-
	RENTALS								
	OFFICE EQUIPMENT RENT	6410	5000			5000	50.0	5,000-	100.0-
	OTHER RENT	6449							
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	RENTALS		5000			5000	50.0	5,000-	100.0-
	OTHER SERVICES & CHARGE								
	LATE PAYMENT CHARGE	6705							

3489	DUES AND MEMBERSHIPS	6840	6500	4294	2206	50.0	66.0	2,088	32.1	
	REGISTRATION FEE/TUITI	6845	4000	240	3760	50.0	6.0	3,520-	88.0-	
	SERVICES NOT SPECIFIED	6999	1000	75	925	50.0	7.5	850-	85.0-	
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3489	OTHER SERVICES & CHA		11500	4609	6891	50.0	40.0	2,281-	19.8-	
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6684	OTHER SERVICES & CHAR		173450	2,510	70436	100504	50.0	40.6	32,578-	18.7-
	IMPROVEMENT OTHER THAN									
	OTHER IMPROVEMENTS	7295								
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	IMPROVEMENT OTHER TH									
	MACHINERY AND EQUIPMENT									
	HOUSEHOLD FURN/EQUIP.	7320	2000		2000	50.0		2,000-	100.0-	
	OFFICE FURN/EQUIP.	7325								
	DATA PROCESSING EQUIP.	7327								
	COMMUNICATION EQUIPMEN	7355								
	OTHER EQUIPMENT	7399								
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	MACHINERY AND EQUIPM		2000		2000	50.0		2,000-	100.0-	
	VEHICLES									
	AUTOMOBILES	7400								
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	VEHICLES									
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	CAPITAL OUTLAY		2000		2000	50.0		2,000-	100.0-	
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81219	EXPENDITURES		1034941	3,298	431657	599986	50.0	41.7	171,627-	16.5-

001030 - GENERAL FUND-ELECTIONS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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					

OFFICE SUPPLIES							
OPERATING SUPPLIES							
	MINOR EQUIPMENT	5460					
	OTHER OPERATING MATL/S	5590					

OPERATING SUPPLIES							
REPAIR & MAINTENANCE SP							
	OTHER REPAIR/MAINT. SP	5990					

REPAIR & MAINTENANCE							

SUPPLIES AND EXPENSES							
PROFESSIONAL SERVICES							
	LEGAL	6025					
	DATA PROCESSING	6035					
	OTHER PROFESSIONAL SER	6049					

PROFESSIONAL SERVICE							
COMMUNICATIONS							
	POSTAGE	6070					

COMMUNICATIONS							
TRANSPORTATION							
	FREIGHT	6120					
	MESSENGER/EXPRESS SERV	6130					

TRANSPORTATION							
ADVERTISING							
	ADVERTISING	6150					

-----	ADVERTISING	-----	-----	-----	-----	-----	-----	-----
	PRINTING AND BINDING							
	PRINTING 6200							
	BINDING 6205							
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	PRINTING AND BINDING							
	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							
	SERVICES NOT SPECIFIED 6999							
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	OTHER SERVICES & CHA							
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	OTHER SERVICES & CHAR							
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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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	EXPENDITURES							

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
6 Months Ending 03/31/18

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
13270	SALARIES									
	REGULAR WAGES	4000	115007		42750	72257	50.0	37.1	29,507-	25.6-
	DISASTER RECOVERY WAGE	4010								
	OVERTIME	4300								
	DISASTER RECOVERY OVER	4310								
13270	SALARIES		115007		42750	72257	50.0	37.1	29,507-	25.6-
	EMPLOYEE BENEFITS									
2090	STATE RETIREMENT	4600	18131		6733	11398	50.0	37.1	4,664-	25.7-
981	F.I.C.A. TAXES	4700	8806		3094	5712	50.0	35.1	2,617-	29.7-
1740	HOSPITALIZATION INS.	4800	31200		8990	22210	50.0	28.8	13,220-	42.3-
	UNEMPLOYMENT BENEFITS	4900	500			500	50.0		500-	100.0-
	WORKMAN'S COMPENSATION	4910	450			450	50.0		450-	100.0-
4811	EMPLOYEE BENEFITS		59087		18817	40270	50.0	31.8	21,452-	36.3-
18081	PERSONAL SERVICES		174094		61567	112527	50.0	35.3	50,959-	29.2-
	OFFICE SUPPLIES									
	PAPER	5003								
	PRINTED FORMS	5005								
23	OTHER EXPENDABLE OFF.S	5010	4500		1002	3498	50.0	22.2	2,496-	55.4-
	MINOR OFFICE EQUIP/FUR	5020	850			850	50.0		850-	100.0-
	MICROFILM SUPPLIES	5030								
	SUBSCRIPTIONS,MAGS,MAP	5050								
	BOOKS	5070								
	COMPUTER SUPPLIES	5080	300			300	50.0		300-	100.0-
23	OFFICE SUPPLIES		5650		1002	4648	50.0	17.7	3,646-	64.5-
	OPERATING SUPPLIES									
	FOOD	5115								
	GAS AND OIL	5250								
	MINOR EQUIPMENT	5460								
	OTHER OPERATING MATL/S	5590								
	OPERATING SUPPLIES									
23	SUPPLIES AND EXPENSES		5650		1002	4648	50.0	17.7	3,646-	64.5-
	PROFESSIONAL SERVICES									
	CONSULTANT SERV/SURVEY	6020								
	ABSTRACTING & RECORDIN	6023								
	LEGAL	6025								
	DATA PROCESSING	6035								
	MICROFILM PROCESSING	6037								
33	OTHER PROFESSIONAL SER	6049	15500		33	15467	50.0	.2	15,434-	99.5-
33	PROFESSIONAL SERVICE		15500		33	15467	50.0	.2	15,434-	99.5-
	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060								
	POSTAGE	6070								

COMMUNICATIONS									
TRANSPORTATION									
86-	TRAVEL EXPENSE	6110	500	322	178	50.0	64.4	144	28.8
	FREIGHT	6120							
	MESSENGER/EXPRESS SERV	6130	100		100	50.0		100-	100.0-
TRANSPORTATION									
86-			600	322	278	50.0	53.6	44	7.3
ADVERTISING									
691	ADVERTISING	6150	25000	9583	15417	50.0	38.3	5,833-	23.3-
	ORDINANCE EXPENSE	6160	3000		3000	50.0		3,000-	100.0-
ADVERTISING									
691			28000	9583	18417	50.0	34.2	8,833-	31.5-
PRINTING AND BINDING									
	PRINTING	6200	1500	88	1412	50.0	5.8	1,323-	88.2-
	BINDING	6205							
PRINTING AND BINDING									
			1500	88	1412	50.0	5.8	1,323-	88.2-
INSURANCE									
SURETY AND FORGERY BON									
6270									
INSURANCE									
REPR/MAINT-OUTSIDE LABO									
298	OFFICE EQUIPMENT R&M	6365	2000	1788	212	50.0	89.4	1,576	78.8
	DISINFECT./EXTERMINATI	6394	1000		1000	50.0		1,000-	100.0-
	OTHER REPAIRS AND MAIN	6399							
REPR/MAINT-OUTSIDE L									
298			3000	1788	1212	50.0	59.6	576	19.2
RENTALS									
OFFICE EQUIPMENT RENT									
6410									
RENTALS									
OTHER SERVICES & CHARGE									
	DUES AND MEMBERSHIPS	6840							
	REGISTRATION FEE/TUITI	6845	1000	200	800	50.0	20.0	600-	60.0-
	SERVICES NOT SPECIFIED	6999	1000		1000	50.0		1,000-	100.0-
OTHER SERVICES & CHA									
			2000	200	1800	50.0	10.0	1,600-	80.0-
936	OTHER SERVICES & CHAR		50600	12013	38587	50.0	23.7	26,573-	52.5-
MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	OTHER EQUIPMENT	7399							
MACHINERY AND EQUIPM									
CAPITAL OUTLAY									
19039	EXPENDITURES		230344	74582	155762	50.0	32.3	81,180-	35.2-

001041 - GENERAL FUND-TAX DIVISION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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
REGISTRATION FEE/TUITI 6845
SERVICES NOT SPECIFIED 6999

OTHER SERVICES & CHA

OTHER SERVICES & CHAR

MACHINERY AND EQUIPMENT
HOUSEHOLD FURN/EQUIP. 7320
OFFICE FURN/EQUIP. 7325
DATA PROCESSING EQUIP. 7327
COMMUNICATION EQUIPMEN 7355
OTHER EQUIPMENT 7399

MACHINERY AND EQUIPM

VEHICLES

AUTOMOBILES 7400

VEHICLES

CAPITAL OUTLAY

EXPENDITURES

001042 - GENERAL FUND-ACCOUNTING DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
24683	SALARIES								
	REGULAR WAGES 4000	213920		105623	108297	50.0	49.3	2,674-	1.2-
	DISASTER RECOVERY WAGE 4010								
	OVERTIME 4300								
	DISASTER RECOVERY OVER 4310								
24683	SALARIES	213920		105623	108297	50.0	49.3	2,674-	1.2-
	EMPLOYEE BENEFITS								
3888	STATE RETIREMENT 4600	33701		16636	17065	50.0	49.3	428-	1.2-
1853	F.I.C.A. TAXES 4700	16380		7868	8512	50.0	48.0	644-	3.9-
3480	HOSPITALIZATION INS. 4800	46800		20880	25920	50.0	44.6	5,040-	10.7-
	UNEMPLOYMENT BENEFITS 4900								
	WORKMAN'S COMPENSATION 4910	745			745	50.0		745-	100.0-
9220	EMPLOYEE BENEFITS	97626		45383	52243	50.0	46.4	6,860-	7.0-
33903	PERSONAL SERVICES	311546		151007	160539	50.0	48.4	9,532-	3.0-
	OFFICE SUPPLIES								
	PAPER 5003	650	109	115	426	50.0	17.6	419-	64.4-
	PRINTED FORMS 5005	1650			1650	50.0		1,650-	100.0-
147	OTHER EXPENDABLE OFF.S 5010	1490		299	1191	50.0	20.0	892-	59.8-
	MINOR OFFICE EQUIP/FUR 5020	800		300	500	50.0	37.5	200-	25.0-
	MICROFILM SUPPLIES 5030								
	SUBSCRIPTIONS,MAGS,MAP 5050								
	BOOKS 5070								
	COMPUTER SUPPLIES 5080	675		190	485	50.0	28.1	294-	43.5-
147	OFFICE SUPPLIES	5265	109	904	4252	50.0	17.1	3,456-	65.6-
	OPERATING SUPPLIES								
103	CLEANING/JANITORIAL SP 5100	1000		241	759	50.0	24.1	517-	51.7-
	MINOR EQUIPMENT 5460								
	OTHER OPERATING MATL/S 5590								
103	OPERATING SUPPLIES	1000		241	759	50.0	24.1	517-	51.7-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	10		10		50.0	100.0	10	100.0
	MINOR COMPUTER EQUIP. 5800	1000			1000	50.0		1,000-	100.0-
	OTHER REPAIR/MAINT. SP 5990								
	REPAIR & MAINTENANCE	1010		10	1000	50.0	.9	989-	97.9-
250	SUPPLIES AND EXPENSES	7275	109	1155	6011	50.0	15.8	4,965-	68.2-
	PROFESSIONAL SERVICES								
	CONSULTANT SERV/SURVEY 6020								
	DATA PROCESSING 6035								
50	MICROFILM PROCESSING 6037	1500	444	50	1006	50.0	3.3	1,400-	93.3-
	OTHER PROFESSIONAL SER 6049								
50	PROFESSIONAL SERVICE	1500	444	50	1006	50.0	3.3	1,400-	93.3-

	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060	200		25	175	50.0	12.5	149-	74.5-
	POSTAGE 6070								
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	COMMUNICATIONS	200		25	175	50.0	12.5	149-	74.5-
	TRANSPORTATION								
	TRAVEL EXPENSE 6110								
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130	125		45	80	50.0	36.0	35-	28.0-
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	TRANSPORTATION	125		45	80	50.0	36.0	35-	28.0-
	ADVERTISING								
	ADVERTISING 6150								
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	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200	1300		283	1018	50.0	21.7	733-	56.3-
	BINDING 6205								
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	PRINTING AND BINDING	1300		283	1018	50.0	21.7	733-	56.3-
	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			200	50.0		200-	100.0-
	OTHER REPAIRS AND MAIN 6399	300			300	50.0		300-	100.0-
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	REPR/MAINT-OUTSIDE L	500			500	50.0		500-	100.0-
	RENTALS								
	OFFICE EQUIPMENT RENT 6410								
	OTHER RENT 6449								
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	RENTALS								
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840								
	REGISTRATION FEE/TUITI 6845								
	SERVICES NOT SPECIFIED 6999								
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	OTHER SERVICES & CHA								
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50	OTHER SERVICES & CHAR	3625	444	402	2779	50.0	11.0	2,821-	77.8-
	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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34203	EXPENDITURES	322446	553	152563	169329	50.0	47.3	17,319-	5.3-

-----	TRANSPORTATION	2000	-----	-----	2000	50.0	-----	2,000-	100.0-
-----	ADVERTISING		-----	-----	-----	-----	-----	-----	-----
-----	ADVERTISING 6150		-----	-----	-----	-----	-----	-----	-----
-----	ADVERTISING		-----	-----	-----	-----	-----	-----	-----
-----	PRINTING AND BINDING		-----	-----	-----	-----	-----	-----	-----
-----	PRINTING 6200		-----	-----	-----	-----	-----	-----	-----
-----	BINDING 6205		-----	-----	-----	-----	-----	-----	-----
-----	PRINTING AND BINDING		-----	-----	-----	-----	-----	-----	-----
-----	INSURANCE		-----	-----	-----	-----	-----	-----	-----
-----	SURETY AND FORGERY BON 6270		-----	-----	-----	-----	-----	-----	-----
-----	INSURANCE		-----	-----	-----	-----	-----	-----	-----
-----	REPR/MAINT-OUTSIDE LABO		-----	-----	-----	-----	-----	-----	-----
138	OFFICE EQUIPMENT R&M 6365	1600		901	699	50.0	56.3	202	12.6
-----	OTHER REPAIRS AND MAIN 6399	850	-----	-----	850	50.0	-----	850-	100.0-
-----			-----	-----	-----	-----	-----	-----	-----
138	REPR/MAINT-OUTSIDE L	2450		901	1549	50.0	36.7	647-	26.4-
-----	RENTALS		-----	-----	-----	-----	-----	-----	-----
-----	OFFICE EQUIPMENT RENT 6410		-----	-----	-----	-----	-----	-----	-----
-----	RENTALS		-----	-----	-----	-----	-----	-----	-----
-----	OTHER SERVICES & CHARGE		-----	-----	-----	-----	-----	-----	-----
-----	DUES AND MEMBERSHIPS 6840	500		105	395	50.0	21.0	290-	58.0-
-----	REGISTRATION FEE/TUITI 6845	1000	-----	-----	1000	50.0	-----	1,000-	100.0-
-----	SERVICES NOT SPECIFIED 6999		-----	-----	-----	-----	-----	-----	-----
-----	OTHER SERVICES & CHA	1500	-----	105	1395	50.0	7.0	1,290-	86.0-
-----			-----	-----	-----	-----	-----	-----	-----
138	OTHER SERVICES & CHAR	5950	-----	1006	4944	50.0	16.9	3,937-	66.1-
-----			-----	-----	-----	-----	-----	-----	-----
-----	BUILDING/BLD IMPROVEMEN		-----	-----	-----	-----	-----	-----	-----
-----	BUILDING IMPROVEMENTS 7150		-----	-----	-----	-----	-----	-----	-----
-----	OFFICE IMPROVEMENTS 7150 23		-----	-----	-----	-----	-----	-----	-----
-----	BUILDING IMPROVEMEN		-----	-----	-----	-----	-----	-----	-----
-----	BUILDING/BLD IMPROVE		-----	-----	-----	-----	-----	-----	-----
-----	MACHINERY AND EQUIPMENT		-----	-----	-----	-----	-----	-----	-----
-----	OFFICE FURN/EQUIP. 7325		-----	-----	-----	-----	-----	-----	-----
-----	DATA PROCESSING EQUIP. 7327		-----	-----	-----	-----	-----	-----	-----
-----	OTHER EQUIPMENT 7399		-----	-----	-----	-----	-----	-----	-----
-----	MACHINERY AND EQUIPM		-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY		-----	-----	-----	-----	-----	-----	-----
-----	EXPENDITURES	115644	154	75863	39627	50.0	65.6	36,081	31.2

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
6 Months Ending 03/31/18

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
8077	REGULAR WAGES	4000	70000		35000	35000	50.0 50.0		
	OVERTIME	4300							
8077	SALARIES		70000		35000	35000	50.0 50.0		
	EMPLOYEE BENEFITS								
1272	STATE RETIREMENT	4600	11030		5513	5517	50.0 49.9	4-	
618	F.I.C.A. TAXES	4700	5375		2678	2697	50.0 49.8	19-	.3-
5	HOSPITALIZATION INS.	4800	7800		30	7770	50.0 .3	7,740-	99.2-
	UNEMPLOYMENT BENEFITS	4900							
	WORKMAN'S COMPENSATION	4910	260			260	50.0	260-	100.0-
1895	EMPLOYEE BENEFITS		24465		8220	16245	50.0 33.5	8,025-	32.8-
9972	PERSONAL SERVICES		94465		43220	51245	50.0 45.7	8,025-	8.4-
	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	3500			3500	50.0	3,500-	100.0-
	OTHER PROFESSIONAL SER	6049							
	PROFESSIONAL SERVICE		3500			3500	50.0	3,500-	100.0-
36	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP	6060	1000		315	685	50.0 31.5	370-	37.0-
	POSTAGE	6070							
36	COMMUNICATIONS		1000		315	685	50.0 31.5	370-	37.0-
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	1200			1200	50.0	1,200-	100.0-
	TRANSPORTATION		1200			1200	50.0	1,200-	100.0-
	PRINTING AND BINDING								
	PRINTING	6200							
	PRINTING AND BINDING								
	OTHER SERVICES & CHARGE								
	COURT COSTS	6710	1000		982	18	50.0 98.2	964	96.4
	DUES AND MEMBERSHIPS	6840	500			500	50.0	500-	100.0-
	REGISTRATION FEE/TUITI	6845	600			600	50.0	600-	100.0-

-----	OTHER SERVICES & CHA	2100	-----	982	1118	50.0	46.7	135-	6.4-
36	OTHER SERVICES & CHAR	7800	-----	1297	6503	50.0	16.6	5,205-	66.7-
-----	MACHINERY AND EQUIPMENT	-----	-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	-----	-----	-----	-----	-----	-----	-----	-----
10008	EXPENDITURES	102265	-----	44516	57749	50.0	43.5	13,233-	12.9-

001080 - GENERAL FUND-HUMAN RESOURCES

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
16534	SALARIES REGULAR WAGES 4000 DISASTER RECOVERY WAGE 4010 OVERTIME 4300 DISASTER RECOVERY OVER 4310	143306		68661	74645	50.0	47.9	5,984-	4.1-
16534	SALARIES	143306		68661	74645	50.0	47.9	5,984-	4.1-
2604	EMPLOYEE BENEFITS STATE RETIREMENT 4600	22579		10814	11765	50.0	47.8	951-	4.2-
1231	F.I.C.A. TAXES 4700	10970		5046	5924	50.0	45.9	878-	8.0-
1740	HOSPITALIZATION INS. 4800 UNEMPLOYMENT BENEFITS 4900 WORKMAN'S COMPENSATION 4910	23400		9940	13460	50.0	42.4	3,519-	15.0-
		560			560	50.0		560-	100.0-
5575	EMPLOYEE BENEFITS	57509		25800	31709	50.0	44.8	5,909-	10.2-
22109	PERSONAL SERVICES	200815		94461	106354	50.0	47.0	11,893-	5.9-
	OFFICE SUPPLIES								
365	PAPER 5003 PRINTED FORMS 5005 OTHER EXPENDABLE OFF.S 5010 MINOR OFFICE EQUIP/FUR 5020	3500 1200 1000 300	450	430 594 348 300	2620 606 652 300	50.0 50.0 50.0 50.0	12.2 49.5 34.8	2,639- 12- 304- 300-	75.4- 1.0- 30.4- 100.0-
299	SUBSCRIPTIONS,MAGS,MAP 5050 BOOKS 5070	300 100		299 100	1 100	50.0 50.0	99.6	297 100-	99.0 100.0-
428	COMPUTER SUPPLIES 5080	3000		673	2328	50.0	22.4	1,653-	55.1-
1092	OFFICE SUPPLIES OPERATING SUPPLIES MINOR EQUIPMENT 5460 OTHER OPERATING MATL/S 5590	9400 500	450	2344	6607 500	50.0 50.0	24.9	4,711- 500-	50.1- 100.0-
	OPERATING SUPPLIES	500			500	50.0		500-	100.0-
1092	SUPPLIES AND EXPENSES	9900	450	2344	7107	50.0	23.6	5,211-	52.6-
	PROFESSIONAL SERVICES								
1110	CONSULTANT SERV/SURVEY 6020 OTHER PROFESSIONAL SER 6049	14400		6575	7826	50.0	45.6	1,250-	8.6-
1110	PROFESSIONAL SERVICE COMMUNICATIONS TELEPHONE AND TELEGRAP 6060 POSTAGE 6070	14400 140 20		6575 2 20	7826 138 20	50.0 50.0	45.6 1.4	1,250- 136- 20-	8.6- 97.1- 100.0-
	COMMUNICATIONS	160		2	158	50.0	1.2	156-	97.5-
	TRANSPORTATION TRAVEL EXPENSE 6110 FREIGHT 6120 MESSENGER/EXPRESS SERV 6130	100		77	23	50.0	77.0	53	53.0

	TRANSPORTATION	100		77	23	50.0	77.0	53	53.0
	ADVERTISING								
	ADVERTISING 6150								
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	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200	200			200	50.0		200-	100.0-
	BINDING 6205								
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	PRINTING AND BINDING	200			200	50.0		200-	100.0-
	INSURANCE								
	SURETY AND FORGERY BON 6270								
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	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
228	OFFICE EQUIPMENT R&M 6365	5000		2290	2710	50.0	45.8	419-	8.3-
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228	REPR/MAINT-OUTSIDE L	5000		2290	2710	50.0	45.8	419-	8.3-
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840	250			250	50.0		250-	100.0-
	REGISTRATION FEE/TUITI 6845								
	SERVICES NOT SPECIFIED 6999								
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	OTHER SERVICES & CHA	250			250	50.0		250-	100.0-
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1338	OTHER SERVICES & CHAR	20110		8944	11166	50.0	44.4	2,221-	11.0-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP. 7325								
	DATA PROCESSING EQUIP. 7327								
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	MACHINERY AND EQUIPM								
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	CAPITAL OUTLAY								
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24538	EXPENDITURES	230825	450	105749	124627	50.0	45.8	19,327-	8.3-

001081 - GENERAL FUND-LOSS CONTROL

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
9067	SALARIES							
	REGULAR WAGES 4000	78587		39292	39295	50.0 49.9	2-	
	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300							
	DISASTER RECOVERY OVER 4310							
9067	SALARIES	78587		39292	39295	50.0 49.9	2-	
	EMPLOYEE BENEFITS							
1428	STATE RETIREMENT 4600	12380		6189	6191	50.0 49.9	2-	
668	F.I.C.A. TAXES 4700	6020		2844	3176	50.0 47.2	332-	5.5-
1160	HOSPITALIZATION INS. 4800	15600		6960	8640	50.0 44.6	1,680-	10.7-
	UNEMPLOYMENT BENEFITS 4900							
	WORKMAN'S COMPENSATION 4910	980			980	50.0	980-	100.0-
3257	EMPLOYEE BENEFITS	34980		15992	18988	50.0 45.7	2,996-	8.5-
12324	PERSONAL SERVICES	113567		55284	58283	50.0 48.6	2,999-	2.6-
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005	300			300	50.0	300-	100.0-
	OTHER EXPENDABLE OFF.S 5010	1200		498	702	50.0 41.5	204-	17.0-
	MINOR OFFICE EQUIP/FUR 5020	300			300	50.0	300-	100.0-
	PHOTO SUPPLIES 5040	100		21	79	50.0 21.0	58-	58.0-
	SUBSCRIPTIONS,MAGS,MAP 5050	350		5-	355	50.0 1.4	340-	97.1-
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
	OFFICE SUPPLIES	2250		514	1736	50.0 22.8	1,221-	54.2-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
	MEDICAL SUPPLIES 5120	150			150	50.0	150-	100.0-
113	GAS AND OIL 5250	2000		709	1291	50.0 35.4	581-	29.0-
	LUBRICANTS 5255							
	WEARING APPAREL 5355	300			300	50.0	300-	100.0-
	MINOR EQUIPMENT 5460	1000			1000	50.0	1,000-	100.0-
	OTHER OPERATING MATL/S 5590							
113	OPERATING SUPPLIES	3450		709	2741	50.0 20.5	2,031-	58.8-
	REPAIR & MAINTENANCE SP							
	BUILDING MATERIALS & S 5600							
	MTR VEHICLE REP. PTS/S 5700	1000		75	925	50.0 7.5	850-	85.0-
	COMMUNICATION REPAIR P 5750	200			200	50.0	200-	100.0-
	OTHER REPAIR/MAINT. SP 5990							
	REPAIR & MAINTENANCE	1200		75	1125	50.0 6.2	1,050-	87.5-
113	SUPPLIES AND EXPENSES	6900		1297	5603	50.0 18.7	4,305-	62.3-
	COMMUNICATIONS							

96	TELEPHONE AND TELEGRAP 6060	1400	674	726	50.0	48.1	52-	3.7-
	POSTAGE 6070							
96	COMMUNICATIONS	1400	674	726	50.0	48.1	52-	3.7-
	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	800	508	292	50.0	63.5	216	27.0
	COMMUNICATION EQ. R&M 6390							
	CLEANING AND PAINTING 6392							
	OTHER REPAIRS AND MAIN 6399	1800		1800	50.0		1,800-	100.0-
	REPR/MAINT-OUTSIDE L	2600	508	2092	50.0	19.5	1,583-	60.8-
	RENTALS							
	OTHER RENT 6449							
	RENTALS							
	OTHER SERVICES & CHARGE							
	DUES AND MEMBERSHIPS 6840							
	REGISTRATION FEE/TUITI 6845							
	SERVICES NOT SPECIFIED 6999							
	OTHER SERVICES & CHA							
96	OTHER SERVICES & CHAR	4000	1182	2818	50.0	29.5	1,636-	40.9-
	MACHINERY AND EQUIPMENT							
	OFFICE FURN/EQUIP. 7325							
	DATA PROCESSING EQUIP. 7327							
	COMMUNICATION EQUIPMEN 7355							
	OTHER EQUIPMENT 7399							
	MACHINERY AND EQUIPM							
	VEHICLES							
	AUTOMOBILES 7400							
	VEHICLES							
	CAPITAL OUTLAY							

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12533	EXPENDITURES	124467		57763	66704	50.0	46.4	8,940-	7.1-

001090 - GENERAL FUND-URBAN DEVELOPMT

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
49533	SALARIES						
	REGULAR WAGES 4000	465978		207139	258839	50.0 44.4	51,699- 11.0-
	DISASTER RECOVERY WAGE 4010						
	OVERTIME 4300			1254	1254-		2,508
	DISASTER RECOVERY OVER 4310						
49533	SALARIES	465978		208393	257585	50.0 44.7	49,191- 10.5-
	EMPLOYEE BENEFITS						
7801	STATE RETIREMENT 4600	73403		32985	40418	50.0 44.9	7,433- 10.1-
3650	F.I.C.A. TAXES 4700	35648		15190	20458	50.0 42.6	5,267- 14.7-
6380	HOSPITALIZATION INS. 4800	101400		34880	66520	50.0 34.3	31,640- 31.2-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	50.0	1,000- 100.0-
	WORKMAN'S COMPENSATION 4910	4000			4000	50.0	4,000- 100.0-
17831	EMPLOYEE BENEFITS	215451		83055	132396	50.0 38.5	49,341- 22.9-
67365	PERSONAL SERVICES	681429		291447	389982	50.0 42.7	98,535- 14.4-
	OFFICE SUPPLIES						
130	PAPER 5003	1800	60	456	1284	50.0 25.3	888- 49.3-
	PRINTED FORMS 5005						
537	OTHER EXPENDABLE OFF.S 5010	2800	182	1861	756	50.0 66.4	922 32.9
	N.I.P. SUPPLIES 5011	13267		2697	10570	50.0 20.3	7,873- 59.3-
	CITIZENS CORPS GRANT S 5012						
	MIDTOWN STUDY GRANT SU 5013						
	NLC HEALTH OUTREACH SU 5014						
	DOLLARWISE GRANT/CONF 5015						
	MAYORAL HEALTH COUNCIL 5016	1000		204	796	50.0 20.4	592- 59.2-
60	MINOR OFFICE EQUIP/FUR 5020	1450		418	1032	50.0 28.8	613- 42.2-
	PHOTO SUPPLIES 5040						
	SUBSCRIPTIONS,MAGS,MAP 5050						
	BOOKS 5070	360			360	50.0	360- 100.0-
	COMPUTER SUPPLIES 5080	3796		260	3536	50.0 6.8	3,276- 86.3-
727	OFFICE SUPPLIES	24473	242	5896	18334	50.0 24.0	12,680- 51.8-
	OPERATING SUPPLIES						
	FOOD 5115	200			200	50.0	200- 100.0-
107	GAS AND OIL 5250	2000		697	1303	50.0 34.8	605- 30.2-
	LUBRICANTS 5255						
	MINOR EQUIPMENT 5460	100		13	87	50.0 13.0	73- 73.0-
	OTHER OPERATING MATL/S 5590	100		20	80	50.0 20.0	60- 60.0-
107	OPERATING SUPPLIES	2400		731	1669	50.0 30.4	938- 39.0-
	REPAIR & MAINTENANCE SP						
	BUILDING MATERIALS & S 5600	300			300	50.0	300- 100.0-
	PAINT AND PAINTING SPL 5650	150			150	50.0	150- 100.0-
160	MTR VEHICLE REP. PTS/S 5700	1500	108	535	857	50.0 35.6	429- 28.6-
	OTHER REPAIR/MAINT. SP 5990						
160	REPAIR & MAINTENANCE	1950	108	535	1307	50.0 27.4	879- 45.0-

994	SUPPLIES AND EXPENSES	28823	350	7162	21310	50.0	24.8	14,498-	50.3-
	PROFESSIONAL SERVICES								
	ENGINEERING 6015								
	CONSULTANT SERV/SURVEY 6020	10000			10000	50.0		10,000-	100.0-
	CONSULTANT SERV-TWIN F 6020 01								
	CONSULTANT SERV-MIDTOW 6020 02	12147			12147	50.0		12,147-	100.0-
	ABSTRACTING & RECORDIN 6023								
	LEGAL 6025								
	OTHER PROFESSIONAL SER 6049	55000			55000	50.0		55,000-	100.0-
	OTHER PROF SERV-NLC OU 6049 98								
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	PROFESSIONAL SERVICE	77147			77147	50.0		77,147-	100.0-
	COMMUNICATIONS								
251	TELEPHONE AND TELEGRAP 6060	4500		1873	2627	50.0	41.6	753-	16.7-
	POSTAGE 6070	100			100	50.0		100-	100.0-
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251	COMMUNICATIONS	4600		1873	2727	50.0	40.7	853-	18.5-
	TRANSPORTATION								
300	TRAVEL EXPENSE 6110	12160	629	3087	8444	50.0	25.3	5,986-	49.2-
	TRVL EXP-MIDTOWN STDY 6111								
	TRVL EXP-NLC HEALTH OU 6112								
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130	100		43	57	50.0	43.0	13-	13.0-
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300	TRANSPORTATION	12260	629	3130	8501	50.0	25.5	5,999-	48.9-
	ADVERTISING								
	ADVERTISING 6150								
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	ADVERTISING								
	PRINTING AND BINDING								
71	PRINTING 6200	3700		790	2910	50.0	21.3	2,119-	57.2-
	PRINTING-GRANT RELATED 6202								
	BLUELINES 6210								
	FILM PROCESSING 6240								
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71	PRINTING AND BINDING	3700		790	2910	50.0	21.3	2,119-	57.2-
	INSURANCE								
	AUTOMOBILE INSURANCE 6265								
	SURETY AND FORGERY BON 6270								
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	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	OFFICE EQUIPMENT R&M 6365								
240	MOTOR VEHICLE EQ. R&M 6384	240		240		50.0	100.0	240	100.0
	SIGN PAINTING 6396								
	OTHER REPAIRS AND MAIN 6399	500	90	301	109	50.0	60.2	102	20.4
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240	REPR/MAINT-OUTSIDE L	740	90	541	109	50.0	73.1	342	46.2
	RENTALS								
369	OFFICE EQUIPMENT RENT 6410	6500		2516	3985	50.0	38.7	1,468-	22.5-
	OTHER RENT 6449								
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369	RENTALS	6500		2516	3985	50.0	38.7	1,468-	22.5-
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO 6500								
195	DUES AND MEMBERSHIPS 6840	2600		1454	1146	50.0	55.9	307	11.8
235	REGISTRATION FEE/TUITI 6845	5650		2021	3629	50.0	35.7	1,608-	28.4-

SERVICES NOT SPECIFIED 6999

-----	430	OTHER SERVICES & CHA	-----	8250	-----	3475	-----	4775	-----	50.0	-----	42.1	-----	1,299-	-----	15.7-		
-----	1661	OTHER SERVICES & CHAR	-----	113197	-----	719	-----	12324	-----	100154	-----	50.0	-----	10.8	-----	88,549-	-----	78.2-
-----		MACHINERY AND EQUIPMENT	-----		-----		-----		-----		-----		-----		-----		-----	
		PHOTOGRAPHIC EQUIP. 7308																
		OFFICE FURN/EQUIP. 7325																
		DATA PROCESSING EQUIP. 7327																
-----		MACHINERY AND EQUIPM	-----		-----		-----		-----		-----		-----		-----		-----	
		VEHICLES																
		AUTOMOBILES 7400																
		PICK UP TRUCKS 7420																
-----		VEHICLES	-----		-----		-----		-----		-----		-----		-----		-----	
-----		CAPITAL OUTLAY	-----		-----		-----		-----		-----		-----		-----		-----	
-----	70020	EXPENDITURES	-----	823449	-----	1,069	-----	310933	-----	511446	-----	50.0	-----	37.7	-----	201,582-	-----	24.4-

001091 - GENERAL FUND-INFO TECHNOLOGY

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
30622	SALARIES REGULAR WAGES 4000 DISASTER RECOVERY WAGE 4010 OVERTIME 4300 DISASTER RECOVERY OVER 4310	273393		135063	138330	50.0	49.4	3,267-	1.1-
30622	SALARIES	273393		135063	138330	50.0	49.4	3,267-	1.1-
4823	EMPLOYEE BENEFITS STATE RETIREMENT 4600	43075		21273	21802	50.0	49.3	529-	1.2-
2277	F.I.C.A. TAXES 4700	20925		9854	11071	50.0	47.0	1,217-	5.8-
3480	HOSPITALIZATION INS. 4800 UNEMPLOYMENT BENEFITS 4900 WORKMAN'S COMPENSATION 4910	54600		23490	31110	50.0	43.0	7,620-	13.9-
10580	EMPLOYEE BENEFITS	119675		54617	65058	50.0	45.6	10,441-	8.7-
41202	PERSONAL SERVICES	393068		189679	203389	50.0	48.2	13,709-	3.4-
	OFFICE SUPPLIES								
	PAPER 5003	2500		203	2297	50.0	8.1	2,094-	83.7-
	PRINTED FORMS 5005								
	OTHER EXPENDABLE OFF.S 5010	1500			1500	50.0		1,500-	100.0-
	MINOR OFFICE EQUIP/FUR 5020								
	SUBSCRIPTIONS,MAGS,MAP 5050								
	BOOKS 5070								
1948	COMPUTER SUPPLIES 5080	50000	1,026	21885	27089	50.0	43.7	6,230-	12.4-
	COMPUTR SUP-PURCHASE C 5081								
1948	OFFICE SUPPLIES	54000	1,026	22088	30886	50.0	40.9	9,824-	18.1-
85	OPERATING SUPPLIES GAS AND OIL 5250	800		302	498	50.0	37.7	196-	24.5-
	UNIFORMS, BADGES, ETC. 5350								
	MINOR EQUIPMENT 5460	1200		23	1178	50.0	1.9	1,154-	96.1-
	OTHER OPERATING MATL/S 5590								
85	OPERATING SUPPLIES	2000		324	1676	50.0	16.2	1,352-	67.6-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600								
	MTR VEHICLE REP. PTS/S 5700	400			400	50.0		400-	100.0-
	MINOR COMPUTER EQUIP. 5800	1500			1500	50.0		1,500-	100.0-
	REPAIR & MAINTENANCE	1900			1900	50.0		1,900-	100.0-
2033	SUPPLIES AND EXPENSES	57900	1,026	22412	34462	50.0	38.7	13,076-	22.5-
	PROFESSIONAL SERVICES								
2853	DATA PROCESSING 6035	35000		18303	16697	50.0	52.2	1,606	4.5
75	OTHER PROFESSIONAL SER 6049	3500		2528	972	50.0	72.2	1,555	44.4
2928	PROFESSIONAL SERVICE COMMUNICATIONS	38500		20830	17670	50.0	54.1	3,160	8.2

420	TELEPHONE AND TELEGRAP	6060	3000		2939	61	50.0	97.9	2,877	95.9
15122	NETWORK	6068	215000		119517	95483	50.0	55.5	24,034	11.1
2401	NETWORK WIRELESS	6069	28800		14404	14396	50.0	50.0	8	
	POSTAGE	6070								
17943	COMMUNICATIONS		246800		136860	109940	50.0	55.4	26,920	10.9
	TRANSPORTATION									
	TRAVEL EXPENSE	6110								
	FREIGHT	6120	130		130	50.0			130	100.0
	MESSENGER/EXPRESS SERV	6130								
	TRANSPORTATION		130		130	50.0			130	100.0
	ADVERTISING									
	ADVERTISING	6150								
	ADVERTISING									
	PRINTING AND BINDING									
	PRINTING	6200								
	BINDING	6205								
	PRINTING AND BINDING									
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	INSURANCE									
	REPR/MAINT-OUTSIDE LABO									
15981	ELECTRICAL R&M	6355	307715	522	130685	176508	50.0	42.4	46,345	15.0
	OFFICE EQUIPMENT R&M	6365	100			100	50.0		100	100.0
	MOTOR VEHICLE EQ. R&M	6384								
	TOW IN CHARGES	6398								
15981	REPR/MAINT-OUTSIDE L		307815	522	130685	176608	50.0	42.4	46,445	15.0
	RENTALS									
	OFFICE EQUIPMENT RENT	6410								
	OTHER RENT	6449								
	RENTALS									
	OTHER SERVICES & CHARGE									
	DUES AND MEMBERSHIPS	6840								
	REGISTRATION FEE/TUITI	6845								
	SERVICES NOT SPECIFIED	6999								
	OTHER SERVICES & CHA									
36851	OTHER SERVICES & CHAR		593245	522	288376	304348	50.0	48.6	16,492	2.7
	MACHINERY AND EQUIPMENT									
4323	OFFICE FURN/EQUIP.	7325								
	DATA PROCESSING EQUIP.	7327	100000		23183	76817	50.0	23.1	53,634	53.6
	FINANCIAL SOFTWARE	7328	75000		9900	65100	50.0	13.2	55,200	73.6
	DOM PREP GRANT 06HS205	7332								
12792	PUBLIC SAFETY SOFTWARE	7333	151250		76186	75064	50.0	50.3	1,122	.7
	COMMUNICATION EQUIPMEN	7355								
	OTHER EQUIPMENT	7399								
17115	MACHINERY AND EQUIPM		326250		109270	216980	50.0	33.4	107,709	33.0
	VEHICLES									
	AUTOMOBILES	7400								

VEHICLES									
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17115	CAPITAL OUTLAY	326250		109270	216980	50.0	33.4	107,709-	33.0-
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97201	EXPENDITURES	1370463	1,548	609737	759178	50.0	44.4	150,989-	11.0-

001092 - GENERAL FUND-GEN.GOV.T.BLDG

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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							
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	PERSONAL SERVICES							
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	250			250	50.0	250-	100.0-
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	OFFICE SUPPLIES	250			250	50.0	250-	100.0-
	OPERATING SUPPLIES							
28	CLEANING/JANITORIAL SP 5100	3600	965	590	2044	50.0 16.3	2,420-	67.2-
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130	3810			3810	50.0	3,810-	100.0-
	DIESEL FUEL 5257							
	HORT./LANDSCAPING SPLY 5440	2250		1229	1021	50.0 54.6	207	9.2
	HAND TOOLS 5450	25			25	50.0	25-	100.0-
201	MINOR EQUIPMENT 5460	3000		236	2764	50.0 7.8	2,528-	84.2-
	OTHER OPERATING MATL/S 5590	200			200	50.0	200-	100.0-
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229	OPERATING SUPPLIES	12885	965	2055	9864	50.0 15.9	8,775-	68.1-
	REPAIR & MAINTENANCE SP							
371	BUILDING MATERIALS & S 5600	3000		399	2601	50.0 13.3	2,202-	73.4-
	ELECTRICAL SUPPLIES 5605	2800		184	2616	50.0 6.5	2,431-	86.8-
89	PLUMBING SUPPLIES 5610	3000		127	2873	50.0 4.2	2,745-	91.5-
	PAINT AND PAINTING SPL 5650	5000		37	4963	50.0 .7	4,925-	98.5-
	OTHER REPAIR/MAINT. SP 5990	100			100	50.0	100-	100.0-
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460	REPAIR & MAINTENANCE	13900		746	13154	50.0 5.3	12,408-	89.2-
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689	SUPPLIES AND EXPENSES	27035	965	2801	23268	50.0 10.3	21,433-	79.2-
	PROFESSIONAL SERVICES							
	BUILDING SECURITY 6021	2000		900	1100	50.0 45.0	200-	10.0-
2040	OTHER PROFESSIONAL SER 6049	30039		13504	16535	50.0 44.9	3,030-	10.0-
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2040	PROFESSIONAL SERVICE	32039		14404	17635	50.0 44.9	3,230-	10.0-

	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									
148	GAS	6300	3500		1120	2380	50.0	32.0	1,259-	35.9-
	GAS-TRAIN DEPOT	6300	DEPOT							
	GAS-EATON SCHOOL	6300	GRANT							
4268	ELECTRICITY	6305	75000		24669	50331	50.0	32.8	25,662-	34.2-
	ELECTRICITY-EMP MED CL	6305	CLINIC							
	ELECTRICITY-TRAIN DEPO	6305	DEPOT							
	ELECTRICITY-EATON SCHO	6305	GRANT							
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4416	UTILITIES		78500		25789	52711	50.0	32.8	26,921-	34.2-
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350	100000			100000	50.0		100,000-	100.0-
	ELECTRICAL R&M	6355	1000		872	128	50.0	87.2	743	74.3
	PLUMBING EQUIPMENT R&M	6357	1000			1000	50.0		1,000-	100.0-
	HOUSEHOLD EQUIPMENT R&	6370	7030		2402	4628	50.0	34.1	2,226-	31.6-
	FIXED EQUIPMENT R&M	6380	10030		2352	7678	50.0	23.4	5,326-	53.1-
	MINOR EQUIPMENT R&M	6382								
	CLEANING AND PAINTING	6392	3900			3900	50.0		3,900-	100.0-
	EXTERMINATION-DEPOT	6393								
	DISINFECT./EXTERMINATI	6394	1250		226	1024	50.0	18.0	797-	63.7-
	OTHER REPAIRS AND MAIN	6399	500			500	50.0		500-	100.0-
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	REPR/MAINT-OUTSIDE L		124710		5852	118858	50.0	4.6	113,006-	90.6-
	RENTALS									
	MOP-MAT-RAG RENT	6435	14000			14000	50.0		14,000-	100.0-
3300	OTHER RENT	6449			6600	6600-			13,200	
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3300	RENTALS		14000		6600	7400	50.0	47.1	800-	5.7-
	OTHER SERVICES & CHARGE									
	CUSTODIAL SERVICE	6870								
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	OTHER SERVICES & CHA									
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9757	OTHER SERVICES & CHAR		249249		52644	196605	50.0	21.1	143,961-	57.7-
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	LAND									
	LAND	7000								
-----				-----	-----	-----	-----	-----	-----	-----
	LAND									
	BUILDING/BLD IMPROVEMEN									
	BUILDINGS	7100								
	FIRST BAPTIST CHURCH	7100	13	377000	349188	27812	50.0	92.6	321,376	85.2
	PINE ST CHURCH BUILDI	7100	26							
	RENOV OLD FED BLD-MUN	7150	42							

-----	BUILDINGS	-----	-----	-----	-----	-----	-----	-----
		377000		349188	27812	50.0	92.6	321,376 85.2
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	BUILDING/BLD IMPROVE	377000		349188	27812	50.0	92.6	321,376 85.2
	IMPROVEMENT OTHER THAN							
	LANDSCAPING 7250							
	OTHER IMPROVEMENTS 7295	20000			20000	50.0		20,000- 100.0-
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	IMPROVEMENT OTHER TH	20000			20000	50.0		20,000- 100.0-
	MACHINERY AND EQUIPMENT							
	HOUSEHOLD FURN/EQUIP. 7320							
	OTHER EQUIPMENT 7399							
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	MACHINERY AND EQUIPM							
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	CAPITAL OUTLAY	397000		349188	47812	50.0	87.9	301,376 75.9
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10445	EXPENDITURES	673284	965	404633	267686	50.0	60.0	135,981 20.1

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
6 Months Ending 03/31/18

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									
32	CLEANING/JANITORIAL SP	5100	3200	70	931	2199	50.0	29.0	1,337-	41.7-
	GAS AND OIL	5250								
	LUBRICANTS	5255								
48	HORT./LANDSCAPING SPLY	5440	4000		8	3992	50.0	.2	3,984-	99.6-
	MINOR EQUIPMENT	5460	2000	199		1801	50.0		2,000-	100.0-
	OTHER OPERATING MATL/S	5590	2000			2000	50.0		2,000-	100.0-
80	OPERATING SUPPLIES		11200	269	939	9992	50.0	8.3	9,322-	83.2-
	REPAIR & MAINTENANCE SP									
764	BUILDING MATERIALS & S	5600	5000		1700	3300	50.0	34.0	1,600-	32.0-
	ELECTRICAL SUPPLIES	5605	5000	156	101	4743	50.0	2.0	4,798-	95.9-
	PLUMBING SUPPLIES	5610	1500		30	1470	50.0	2.0	1,440-	96.0-
	PAINT AND PAINTING SPL	5650								
	MTR VEHICLE REP. PTS/S	5700								
	AGRICLTRL REPAIR PTS/S	5755								
831	OTHER REPAIR/MAINT. SP	5990	2700		836	1864	50.0	30.9	1,028-	38.0-
1595	REPAIR & MAINTENANCE		14200	156	2667	11377	50.0	18.7	8,866-	62.4-
1674	SUPPLIES AND EXPENSES		25400	425	3606	21369	50.0	14.1	18,188-	71.6-
	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							
	MESSENGER/EXPRESS SERV	6130	20			20	50.0	20-	100.0-
	TRANSPORTATION		20			20	50.0	20-	100.0-
	ADVERTISING								
	ADVERTISING	6150	2600			2600	50.0	2,600-	100.0-
	ADVERTISING		2600			2600	50.0	2,600-	100.0-
	PRINTING AND BINDING								
	PRINTING	6200							
	PRINTING AND BINDING								
	INSURANCE								
	AUTOMOBILE INSURANCE	6265							
	SURETY AND FORGERY BON	6270							
	INSURANCE								
	UTILITIES								
1945	GAS	6300							
	ELECTRICITY	6305	40000		16642	23358	50.0 41.6	6,715-	16.7-
1945	UTILITIES		40000		16642	23358	50.0 41.6	6,715-	16.7-
	REPR/MAINT-OUTSIDE LABO								
1915	BUILDING R&M	6350	55000	691	8160	46150	50.0 14.8	38,680-	70.3-
	ELECTRICAL R&M	6355	4300		127	4173	50.0 2.9	4,045-	94.0-
	PLUMBING EQUIPMENT R&M	6357	95			95	50.0	95-	100.0-
	OFFICE EQUIPMENT R&M	6365							
	MOTOR VEHICLE EQ. R&M	6384							
	DISINFECT./EXTERMINATI	6394	1120		1035	85	50.0 92.4	950	84.8
	SIGN PAINTING	6396							
1461	OTHER REPAIRS AND MAIN	6399	29905	1,625	1551	26729	50.0 5.1	26,803-	89.6-
3376	REPR/MAINT-OUTSIDE L		90420	2,316	10873	77232	50.0 12.0	68,673-	75.9-
	RENTALS								
20	UNIFORM RENT	6430	400		168	232	50.0 42.0	64-	16.0-
	OTHER RENT	6449							
20	RENTALS		400		168	232	50.0 42.0	64-	16.0-
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO	6500							
	DUES AND MEMBERSHIPS	6840							
	REGISTRATION FEE/TUITI	6845							
	CUSTODIAL SERVICE	6870							
	SERVICES NOT SPECIFIED	6999							
	OTHER SERVICES & CHA								
5340	OTHER SERVICES & CHAR		133440	2,316	27683	103442	50.0 20.7	78,074-	58.5-
	MACHINERY AND EQUIPMENT								

	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM								
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	CAPITAL OUTLAY								
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7015	EXPENDITURES		158840	2,741	31288	124810	50.0 19.6	96,263-	60.6-

	COMMUNICATIONS								
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	12000		12000	50.0		12,000-	100.0-	
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130	1000	16	984	50.0	1.6	967-	96.7-	
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	TRANSPORTATION	13000	16	12984	50.0	.1	12,967-	99.7-	
	ADVERTISING								
	ADVERTISING 6150	2500		2500	50.0		2,500-	100.0-	
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	ADVERTISING	2500		2500	50.0		2,500-	100.0-	
	PRINTING AND BINDING								
	PRINTING 6200	700		700	50.0		700-	100.0-	
	BLUELINES 6210								
	FILM PROCESSING 6240								
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	PRINTING AND BINDING	700		700	50.0		700-	100.0-	
	REPR/MAINT-OUTSIDE LABO								
476	OFFICE EQUIPMENT R&M 6365	6000	3093	2907	50.0	51.5	186	3.1	
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476	REPR/MAINT-OUTSIDE L	6000	3093	2907	50.0	51.5	186	3.1	
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO 6500								
	TRAIN DAY EVENT 6500 01	3000		3000	50.0		3,000-	100.0-	
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	EXHIBITIONS & PROMO	3000		3000	50.0		3,000-	100.0-	
	DUES AND MEMBERSHIPS 6840	1000		1000	50.0		1,000-	100.0-	
	REGISTRATION FEE/TUITI 6845	2500		2500	50.0		2,500-	100.0-	
	SERVICES NOT SPECIFIED 6999	1500	182	1318	50.0	12.1	1,136-	75.7-	
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	OTHER SERVICES & CHA	8000	182	7818	50.0	2.2	7,636-	95.4-	
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476	OTHER SERVICES & CHAR	110700	52041	58659	50.0	47.0	6,618-	5.9-	
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	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP. 7325								
	DATA PROCESSING EQUIP. 7327								
	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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27896	EXPENDITURES	388020	171249	216771	50.0	44.1	45,522-	11.7-	

001095 - GENERAL FUND-G/G INS.OTH SER

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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						

	OFFICE SUPPLIES							
	OPERATING SUPPLIES							
	FOOD	5115						
	DIESEL FUEL	5257						
	WEARING APPAREL	5355						
	OTHER OPERATING MATL/S	5590						
	UNALLOC. PETROLEUM PRO	5599						

	OPERATING SUPPLIES							
	REPAIR & MAINTENANCE SP							
	OTHER REPAIR/MAINT. SP	5990						

	REPAIR & MAINTENANCE							

	SUPPLIES AND EXPENSES							
	PROFESSIONAL SERVICES							
	AUDITING AND ACCOUNTIN	6010						
	TITLE OPINIONS	6016						
	APPRAISAL	6017						
	CONSULTANT SERV/SURVEY	6020						
	CONSULTANT-TWIN FORKS	6020 01	230000	16000	214000	50.0	6.9	197,999- 86.0-
	CONSULTANT-GORDONS CRK	6020 05						
12722	LEGAL	6025	750000	487362	256682	50.0	64.9	224,724 29.9
	CAFE PLAN-ADMIN.COSTS	6026	4500		4500	50.0		4,500- 100.0-
3644	MEDICAL	6027	30000	13336	16664	50.0	44.4	3,327- 11.0-
30259	MEDICAL ANALYSIS-EMP C	6027 01	384000	218278	165722	50.0	56.8	52,556 13.6
	UNALLOC.WELLNESS/HOSP.	6028						
	IN-SERVICE TRAINING	6029						
	ENTERTAINMENT	6033						
	DATA PROCESSING	6035						

	EMER.SHELTER/MDA GRANT	6040							
	I.P.-HYBERPLASTIC/MDA	6041							
	COPS-SECURE SCHLS/OJP	6042							
600	NLC FINANCIAL INITIATI	6043	20325	1,450	11247	7628	50.0 55.3	2,169	10.6
	CONTRIB FUNDED EVENTS	6046							
	COMMUNITY CONVERSATIO	6046 01							
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	CONTRIB FUNDED EVEN								
9869-	OTHER PROFESSIONAL SER	6049	300000	4,800	54238	240962	50.0 18.0	191,523-	63.8-
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37356	PROFESSIONAL SERVICE		1718825	12,206	800461	906158	50.0 46.5	117,902-	6.8-
	COMMUNICATIONS								
10774	TELEPHONE AND TELEGRAP	6060	110000		65001	44999	50.0 59.0	20,002	18.1
	TELEPHONE RENT	6065							
	NETWORK	6068							
16207	POSTAGE	6070	53000		17414	35586	50.0 32.8	18,172-	34.2-
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26981	COMMUNICATIONS		163000		82414	80586	50.0 50.5	1,828	1.1
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	6800			6800	50.0	6,800-	100.0-
	MESSENGER/EXPRESS SERV	6130							
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	TRANSPORTATION		6800			6800	50.0	6,800-	100.0-
	ADVERTISING								
5000	UNALLOCATED ADVERTISIN	6155	16000		6395	9605	50.0 39.9	3,210-	20.0-
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5000	ADVERTISING		16000		6395	9605	50.0 39.9	3,210-	20.0-
	PRINTING AND BINDING								
	PRINTING	6200	4000		588	3412	50.0 14.7	2,824-	70.6-
	BINDING	6205							
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	PRINTING AND BINDING		4000		588	3412	50.0 14.7	2,824-	70.6-
	INSURANCE								
	FIRE & EXTENDED COVERA	6250	220000			220000	50.0	220,000-	100.0-
	PUBLIC LIAB/PROPERTY D	6255	475000		499635	24635-	50.0 105.1	524,270	110.3
	BOILER MACHINERY	6260							
94	SURETY AND FORGERY BON	6270	2500		94	2406	50.0 3.7	2,311-	92.4-
	OTHER INSURANCE	6299	6000		1081	4919	50.0 18.0	3,837-	63.9-
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94	INSURANCE		703500		500810	202690	50.0 71.1	298,119	42.3
	REPR/MAINT-OUTSIDE LABO								
	OFFICE EQUIPMENT R&M	6365	45000			45000	50.0	45,000-	100.0-
	MOTOR VEHICLE EQ. R&M	6384							
	COMMUNICATION EQ. R&M	6390							
	OTHER REPAIRS AND MAIN	6399							
	OTHER REPAIRS AND MAIN	6399 FBC							
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	REPR/MAINT-OUTSIDE L		45000			45000	50.0	45,000-	100.0-
	OTHER SERVICES & CHARGE								
	SETTLEMENT OF DAMAGE CLA	6700	140000			140000	50.0	140,000-	100.0-
	LATE PAYMENT CHARGE	6705	25		25		50.0 100.0	25	100.0
	COURT COSTS	6710							
	THEFT LOSS	6818							
7269	PROP.TAX COLL. FEES .0	6830	65000		35414	29586	50.0 54.4	5,827	8.9
16349	PROP.TAX COLL. FEES.00	6831	92000		97104	5104-	50.0 105.5	102,208	111.0
197	BANK SERV/TRF FEE	6832	2575		1235	1340	50.0 47.9	105-	4.0-
	DUES AND MEMBERSHIPS	6840	22500		14097	8403	50.0 62.6	5,694	25.3
2710	REGISTRATION FEE/TUITI	6845	4800		2710	2090	50.0 56.4	620	12.9
	PROPERTY TAXES	6995							

	LOBBYING	6998							
39	SERVICES NOT SPECIFIED	6999	18000		16498	1502	50.0	91.6	14,996 83.3
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26564	OTHER SERVICES & CHA		344900		167083	177817	50.0	48.4	10,733- 3.1-
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95995	OTHER SERVICES & CHAR		3002025	12,206	1557753	1432066	50.0	51.8	113,481 3.7
	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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95995	EXPENDITURES		3002025	12,206	1557753	1432066	50.0	51.8	113,481 3.7

	DATA PROCESSING	6035	37250		37250	50.0		37,250-	100.0-
	MICROFILM PROCESSING	6037							
	OTHER PROFESSIONAL SER	6049	15000		15000	50.0		15,000-	100.0-
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	PROFESSIONAL SERVICE		52250		52250	50.0		52,250-	100.0-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP	6060	1000	249	751	50.0	24.9	502-	50.2-
	POSTAGE	6070							
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	COMMUNICATIONS		1000	249	751	50.0	24.9	502-	50.2-
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	3500		3500	50.0		3,500-	100.0-
	TRVL EXP-BROWNSFIELD P	6116							
	FREIGHT	6120							
	MESSENGER/EXPRESS SERV	6130							
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	TRANSPORTATION		3500		3500	50.0		3,500-	100.0-
	ADVERTISING								
	ADVERTISING	6150	1300		1300	50.0		1,300-	100.0-
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	ADVERTISING		1300		1300	50.0		1,300-	100.0-
	PRINTING AND BINDING								
	PRINTING	6200							
	BINDING	6205							
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	PRINTING AND BINDING								
	INSURANCE								
	SURETY AND FORGERY BON	6270							
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	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
11794	BUILDING R&M	6350							
	DISASTER REPAIRS	6351	270000	33,798	49866	186336	50.0 18.4	170,268-	63.0-
	OFFICE EQUIPMENT R&M	6365							
	MOTOR VEHICLE EQ. R&M	6384	700		700	50.0		700-	100.0-
	OTHER REPAIRS AND MAIN	6399							
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11794	REPR/MAINT-OUTSIDE L		270700	33,798	49866	187036	50.0 18.4	170,968-	63.1-
	RENTALS								
	OFFICE EQUIPMENT RENT	6410							
	OTHER RENT	6449							
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	RENTALS								
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO	6500							
	DISABILITY AWARENESS	6500 03	750	475	275		50.0 36.6	200-	26.6-
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	EXHIBITIONS & PROMO		750	475	275		50.0 36.6	200-	26.6-
	DUES AND MEMBERSHIPS	6840	450		415	35	50.0 92.2	380	84.4
	REGISTRATION FEE/TUITI	6845	550			550	50.0	550-	100.0-
	SERVICES NOT SPECIFIED	6999							
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	OTHER SERVICES & CHA		1750	475	690	585	50.0 39.4	370-	21.1-
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11794	OTHER SERVICES & CHAR		330500	34,273	50805	245422	50.0 15.3	228,890-	69.2-
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	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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23704	EXPENDITURES	490632	34,273	158287	298072	50.0	32.2	174,057-	35.4-

001100 - GENERAL FUND-POLICE/PUB.SFTY

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
679243	REGULAR WAGES 4000	6999592		2972800	4026792	50.0	42.4	1,053,991-	15.0-
	DISASTER RECOVERY WAGE 4010			4	4-			8	
77940	OVERTIME 4300	770000		360472	409528	50.0	46.8	49,055-	6.3-
	DISASTER RECOVERY OVER 4310								
757183	SALARIES	7769592		3333276	4436316	50.0	42.9	1,103,040-	14.1-
EMPLOYEE BENEFITS									
120175	STATE RETIREMENT 4600	1223715		530999	692716	50.0	43.3	161,717-	13.2-
57860	F.I.C.A. TAXES 4700	594375		253128	341247	50.0	42.5	88,119-	14.8-
80930	HOSPITALIZATION INS. 4800	1349400		475395	874005	50.0	35.2	398,610-	29.5-
	UNEMPLOYMENT BENEFITS 4900	5000		3474	1526	50.0	69.4	1,948	38.9
	WORKMAN'S COMPENSATION 4910	182000			182000	50.0		182,000-	100.0-
258965	EMPLOYEE BENEFITS	3354490		1262997	2091493	50.0	37.6	828,496-	24.6-
1016148	PERSONAL SERVICES	11124082		4596273	6527809	50.0	41.3	1,931,536-	17.3-
OFFICE SUPPLIES									
398	PAPER 5003	4000		1418	2582	50.0	35.4	1,164-	29.1-
	PRINTED FORMS 5005								
928	OTHER EXPENDABLE OFF.S 5010	7020	61	5295	1663	50.0	75.4	3,570	50.8
59	EXPENDABLE OFF.SPL-LIF 5012	2000		416	1584	50.0	20.8	1,168-	58.4-
	MINOR OFFICE EQUIP/FUR 5020	6700		1573	5127	50.0	23.4	3,553-	53.0-
	MICROFILM SUPPLIES 5030								
139	PHOTO SUPPLIES 5040	200		139	61	50.0	69.5	78	39.0
	SUBSCRIPTIONS,MAGS,MAP 5050	5300		60	5240	50.0	1.1	5,180-	97.7-
149	BOOKS 5070	800		269	531	50.0	33.6	262-	32.7-
4586	COMPUTER SUPPLIES 5080	8000		4613	3387	50.0	57.6	1,225	15.3
	COMPUTR SUP-LLEBG '01 5081								
	COMPUTR SUP-COPS MORE' 5082								
6257	OFFICE SUPPLIES	34020	61	13783	20176	50.0	40.5	6,453-	18.9-
OPERATING SUPPLIES									
851	CLEANING/JANITORIAL SP 5100	9500		8005	1495	50.0	84.2	6,510	68.5
	HOUSEHOLD SUPPLIES 5110								
	FOOD 5115	2500		382	2118	50.0	15.2	1,735-	69.4-
	MEDICAL SUPPLIES 5120								
	CHEMICALS 5130								
173	FEED FOR ANIMALS 5150	4500		1716	2784	50.0	38.1	1,068-	23.7-
23166	GAS AND OIL 5250	240000		131336	108664	50.0	54.7	22,671	9.4
	LUBRICANTS 5255								
65	DIESEL FUEL 5257	4000		1124	2876	50.0	28.1	1,752-	43.8-
	OTHER FUEL 5260								
6061	UNIFORMS, BADGES, ETC. 5350	62000	2,021	24762	35217	50.0	39.9	12,476-	20.1-
12543	WEARING APPAREL 5355	75000	14,705	37609	22686	50.0	50.1	218	.2
	ASPHALT & ASPHALT PROD 5400								
	CONCRETE, CEMENT, ETC. 5405								
	HORT./LANDSCAPING SPLY 5440	500		179	322	50.0	35.8	142-	28.4-
	HAND TOOLS 5450								
1487	MINOR EQUIPMENT 5460	59000	1,977	27085	29938	50.0	45.9	4,829-	8.1-

	MINOR EQUIP-BYRNE '15	5461							
	MINOR EQUIP-BYRNE '16	5463	11822		11822		50.0	100.0	11,821 99.9
	MINOR EQ-LLEBG/BYRNE'0	5464							
6383	OTHER OPERATING MATL/S	5590	65000	2,083	17801	45116	50.0	27.3	29,398- 45.2-
	OTHER OPER.MATL-METH.G	5591							
	OTHER OPER.MATLS-PRO S	5592							
	OTHER OPER.-ALCOHOL CN	5593							
	OTHER OPER-VICTIM ADVO	5594	1000		323	677	50.0	32.3	354- 35.4-
	OTHER OPER-LAW ENF.LIA	5596							
50729	OPERATING SUPPLIES		534822	20,786	262143	251893	50.0	49.0	10,536- 1.9-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S	5600	997			997	50.0		997- 100.0-
	ELECTRICAL SUPPLIES	5605	2000		1021	979	50.0	51.0	42 2.1
	PLUMBING SUPPLIES	5610							
	PAINT AND PAINTING SPL	5650							
6829	MTR VEHICLE REP. PTS/S	5700	125000	7,651	62811	54538	50.0	50.2	622 .4
	COMMUNICATION REPAIR P	5750	3470			3470	50.0		3,470- 100.0-
	AGRICLTR REPAIR PTS/S	5755							
	EXPENDABLE WELDING SPL	5770							
	MINOR COMPUTER EQUIP.	5800							
375-	OTHER REPAIR/MAINT. SP	5990	13000		1525	11475	50.0	11.7	9,949- 76.5-
	REPR SPLY-8/29/05 STOR	5995							
6454	REPAIR & MAINTENANCE		144467	7,651	65357	71459	50.0	45.2	13,753- 9.5-
63440	SUPPLIES AND EXPENSES		713309	28,498	341283	343528	50.0	47.8	30,743- 4.3-
	PROFESSIONAL SERVICES								
	LEGAL	6025							
725	MEDICAL	6027	10000		3375	6625	50.0	33.7	3,250- 32.5-
364	VETERINARIAN	6030	3500		2611	889	50.0	74.6	1,722 49.2
	ENTERTAINMENT	6033							
	DATA PROCESSING	6035							
	MICROFILM PROCESSING	6037							
	METRO CRIME STOPPERS	6039							
	OTHER PROF.-ALCOHOL CN	6047							
	OTHER PROF.-VICTIM'S A	6048							
3515	OTHER PROFESSIONAL SER	6049	50600		20896	29704	50.0	41.2	8,807- 17.4-
	POL.LATERAL TRNG FEE	6049 26							
4604	PROFESSIONAL SERVICE		64100		26882	37218	50.0	41.9	10,336- 16.1-
	COMMUNICATIONS								
5126	TELEPHONE AND TELEGRAP	6060	60000		37204	22796	50.0	62.0	14,408 24.0
	TELEPHONE-GRANT	6060 GRANT							
885	TELEPHONE RENT	6065	7800		5310	2490	50.0	68.0	2,820 36.1
	NETWORK WIRELESS	6069	5700			5700	50.0		5,700- 100.0-
	POSTAGE	6070	150			150	50.0		150- 100.0-
	OTHER COMMUNICATION EX	6099							
6011	COMMUNICATIONS		73650		42514	31136	50.0	57.7	11,378 15.4
	TRANSPORTATION								
2287	TRAVEL EXPENSE	6110	14000		10835	3165	50.0	77.3	7,669 54.7
	TRVL EXP-TRAFFIC GRANT	6111							
2092	TRVL EXP-VICTIM'S ADV	6112	2347		2092	255	50.0	89.1	1,837 78.2
	TRVL EXP-TERRORISM PRE	6113							
	TRAVEL EXP-PROJ SAFE N	6114							
	TRVL/TRNG-COP'S METH G	6116							
	TRVL EXP-LAW ENF LIAIS	6118							

117	TRVL EXP-ALCOHOL GRANT 6119								
	FREIGHT 6120	3800	15	819	2966	50.0	21.5	2,162-	56.8-
	MESSENGER/EXPRESS SERV 6130			108	108-			216	
4496	TRANSPORTATION	20147	15	13853	6279	50.0	68.7	7,558	37.5
	ADVERTISING								
	ADVERTISING 6150	13000		1708	11292	50.0	13.1	9,583-	73.7-
	ADVERTISING	13000		1708	11292	50.0	13.1	9,583-	73.7-
	PRINTING AND BINDING								
	PRINTING 6200	1000			1000	50.0		1,000-	100.0-
	BINDING 6205								
	FILM PROCESSING 6240								
	PRINTING AND BINDING	1000			1000	50.0		1,000-	100.0-
	INSURANCE								
	FIRE & EXTENDED COVERA 6250								
	PUBLIC LIAB/PROPERTY D 6255								
	BOILER MACHINERY 6260								
	AUTOMOBILE INSURANCE 6265	18900			18900	50.0		18,900-	100.0-
	SURETY AND FORGERY BON 6270	1000		775	225	50.0	77.5	550	55.0
	OTHER INSURANCE 6299								
	INSURANCE	19900		775	19125	50.0	3.8	18,349-	92.2-
	UTILITIES								
716	GAS 6300	6000		5339	661	50.0	88.9	4,677	77.9
7128	ELECTRICITY 6305	80500		55453	25047	50.0	68.8	30,406	37.7
7844	UTILITIES	86500		60792	25708	50.0	70.2	35,084	40.5
	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	38500		38001	499	50.0	98.7	37,502	97.4
	OFF.EQ.R&M-COPS MORE 6366								
	HOUSEHOLD EQUIPMENT R& 6370								
	FIXED EQUIPMENT R&M 6380	9900		145	9755	50.0	1.4	9,609-	97.0-
4653	MINOR EQUIPMENT R&M 6382								
	MOTOR VEHICLE EQ. R&M 6384	74900	7,679	39072	28149	50.0	52.1	3,244	4.3
	AGRICULTURAL EQ. R&M 6387								
	COMMUNICATION EQ. R&M 6390								
	CLEANING AND PAINTING 6392								
	DISINFECT./EXTERMINATI 6394	5000		426	4574	50.0	8.5	4,148-	82.9-
	SIGN PAINTING 6396								
665	TOW IN CHARGES 6398	5000		4271	729	50.0	85.4	3,541	70.8
	OTHER REPAIRS AND MAIN 6399								
5318	REPR/MAINT-OUTSIDE L	133300	7,679	81915	43706	50.0	61.4	30,530	22.9
	RENTALS								
492	OFFICE EQUIPMENT RENT 6410	8500		4800	3700	50.0	56.4	1,100	12.9
24840	MOTORCYCLE RENT 6417	49700		24840	24860	50.0	49.9	20-	
	CYLINDER RENT 6425								
	UNIFORM RENT 6430								
	MOP-MAT-RAG RENT 6435								
	OTHER RENT 6449								
25332	RENTALS	58200		29640	28560	50.0	50.9	1,080	1.8
	OTHER SERVICES & CHARGE								

	REFUNDS										
	NSF CHECKS	6836	2000			2000	50.0		2,000-	100.0-	
110	DUES AND MEMBERSHIPS	6840	4000	255	1570	2175	50.0	39.2	859-	21.4-	
1630	REGISTRATION FEE/TUITI	6845	12000		5525	6475	50.0	46.0	950-	7.9-	
	LAUNDRY	6850									
	SERVICES NOT SPECIFIED	6999									
1740	OTHER SERVICES & CHA		18000	255	7095	10650	50.0	39.4	3,810-	21.1	
55345	OTHER SERVICES & CHAR		487797	7,949	265174	214674	50.0	54.3	42,551	8.7	
	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									
	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									
	OFFICE FURN/EQUIP.	7325			1082	1082-			2,163		
	COPS TECH GRANT EQUIP	7326									
	DATA PROCESSING EQUIP.	7327	5000		6087	1087-	50.0	121.7	7,174	143.4	
	FEMA-EMER.WARNING SIRE	7330									
	EQUIP-JUSTICE ASSIST G	7331									

	COMMUNICATION EQUIPMEN	7355							
	TRAFFIC CONTROL EQUIP.	7360							
	EQUIP-BYRNE '09	7375							
	OTHER EQUIP-STOP VIOL	7397							
	OTHER EQUIP-ALCOHOL GR	7398							
	OTHER EQUIPMENT	7399	31000	4,460	20238	6302	50.0 65.2	9,476	30.5
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	MACHINERY AND EQUIPM		36000	4,460	27406	4134	50.0 76.1	18,812	52.2
	VEHICLES								
	AUTOMOBILES	7400	1150000		379290	770710	50.0 32.9	391,420-	34.0-
	AUTOMOBILES-METH GRANT	7401							
	AUTOMOBILES-BYRNE GRAN	7402							
	MOTORCYCLES	7405							
	PICK UP TRUCKS	7420							
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	VEHICLES		1150000		379290	770710	50.0 32.9	391,420-	34.0-
	OTHER								
	ZOOLOGICAL ANIMALS	7505							
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	OTHER								
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	CAPITAL OUTLAY		1186000	4,460	406697	774843	50.0 34.2	372,606-	31.4-
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1134933	EXPENDITURES		13511188	40,907	5609428	7860854	50.0 41.5	2,292,331-	16.9-

001131 - GENERAL FUND-JOINT P&F TRNG.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
2664	REGULAR WAGES 4000	23080		11544	11536	50.0	50.0	8	
	DISASTER RECOVERY WAGE 4010								
173	OVERTIME 4300	1000		586	414	50.0	58.6	172	17.2
	DISASTER RECOVERY OVER 4310								
2838	SALARIES	24080		12130	11950	50.0	50.3	180	.7
	EMPLOYEE BENEFITS								
447	STATE RETIREMENT 4600	3800		1910	1890	50.0	50.2	19	.5
195	F.I.C.A. TAXES 4700	1850		795	1055	50.0	42.9	260-	14.0-
580	HOSPITALIZATION INS. 4800	7800		3480	4320	50.0	44.6	840-	10.7-
	UNEMPLOYMENT BENEFITS 4900								
	WORKMAN'S COMPENSATION 4910	85			85	50.0		85-	100.0-
1222	EMPLOYEE BENEFITS	13535		6185	7350	50.0	45.6	1,165-	8.6-
4059	PERSONAL SERVICES	37615		18315	19300	50.0	48.6	985-	2.6-
	OFFICE SUPPLIES								
90	PAPER 5003	750		750		50.0	100.0	750	100.0
150	PRINTED FORMS 5005	200		150	50	50.0	75.0	100	50.0
225	OTHER EXPENDABLE OFF.S 5010	3950		1743	2207	50.0	44.1	464-	11.7-
	SPLY-RRT COORDINATOR 5013								
	MINOR OFFICE EQUIP/FUR 5020	1100		1093	7	50.0	99.3	1,086	98.7
	CASSETTES, TAPES 5035								
	PHOTO SUPPLIES 5040	775			775	50.0		775-	100.0-
	SUBSCRIPTIONS,MAGS,MAP 5050	300		49	251	50.0	16.3	201-	67.0-
	BOOKS-POLICE 5070	2000		125	1875	50.0	6.2	1,750-	87.5-
	BOOKS-FIRE 5071	2000			2000	50.0		2,000-	100.0-
	COMPUTER SUPPLIES 5080	3000		1289	1711	50.0	42.9	422-	14.0-
465	OFFICE SUPPLIES	14075		5198	8877	50.0	36.9	3,679-	26.1-
	OPERATING SUPPLIES								
177	CLEANING/JANITORIAL SP 5100	3000		1026	1974	50.0	34.2	948-	31.6-
	HOUSEHOLD SUPPLIES 5110	750			750	50.0		750-	100.0-
	FOOD 5115	2200		98	2102	50.0	4.4	2,004-	91.0-
	MEDICAL SUPPLIES 5120	600			600	50.0		600-	100.0-
	GAS AND OIL 5250	200			200	50.0		200-	100.0-
	WEARING APPAREL-POLICE 5355	2500	126	1758	616	50.0	70.3	1,016	40.6
	WEARING APPAREL-FIRE 5356	2500		580	1920	50.0	23.2	1,339-	53.5-
	ASPHALT & ASPHALT PROD 5400								
	CONCRETE, CEMENT, ETC. 5405	2000			2000	50.0		2,000-	100.0-
	BRICK,STONE,MORTAR,ETC 5410								
	SAND,CLAY,GRVL,FILL DI 5415	30000			30000	50.0		30,000-	100.0-
	HORT./LANDSCAPING SPLY 5440	500			500	50.0		500-	100.0-
	HAND TOOLS 5450	1500			1500	50.0		1,500-	100.0-
	MINOR EQUIPMENT-POLICE 5460	11007		2120	8887	50.0	19.2	6,767-	61.4-
	MINOR EQUIPMENT-FIRE 5462	10000		1535	8465	50.0	15.3	6,930-	69.3-
	MINOR EQUIP-REGIONAL R 5463	7500		2199	5301	50.0	29.3	3,102-	41.3-
	SWIFT WATER RESCUE SUP 5465	7500			7500	50.0		7,500-	100.0-
	HAZ.MAT SUPPLIES 5466	10000		700	9300	50.0	7.0	8,599-	85.9-

	P&F CLASSES-(FEE) SUPP	5469								
	OTHER OPER.MATL-POLICE	5590	18500		18363	137	50.0	99.2	18,226	98.5
	OTHER OPER.MATL-FIRE	5591	12500		257	12243	50.0	2.0	11,986	95.8
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177	OPERATING SUPPLIES		122757	126	28635	93996	50.0	23.3	65,487	53.3
	REPAIR & MAINTENANCE SP									
90	BUILDING MATERIALS & S	5600	6000		811	5189	50.0	13.5	4,377	72.9
	ELECTRICAL SUPPLIES	5605	1450			1450	50.0		1,450	100.0
	PLUMBING SUPPLIES	5610	1000			1000	50.0		1,000	100.0
	PAINT AND PAINTING SPL	5650	750		60	690	50.0	8.0	630	84.0
	MTR VEHICLE REP. PTS/S	5700	1200			1200	50.0		1,200	100.0
	OTHER REPAIR/MAINT. SP	5990	2500		406	2094	50.0	16.2	1,687	67.4
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90	REPAIR & MAINTENANCE		12900		1277	11623	50.0	9.8	10,346	80.2
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732	SUPPLIES AND EXPENSES		149732	126	35110	114496	50.0	23.4	79,511	53.1
	PROFESSIONAL SERVICES									
	MEDICAL	6027								
	P&F CLASSES-(FEE) SERV	6045								
	OTHER PROFESSIONAL SER	6049								
	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								
	OTHER	6049 99								
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	OTHER PROFESSIONAL									
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	PROFESSIONAL SERVICE									
	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060								
	TELEPHONE-RRT COORDINA	6060 GRANT								
	POSTAGE	6070	100		24	76	50.0	24.0	52	52.0
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	COMMUNICATIONS		100		24	76	50.0	24.0	52	52.0
	TRANSPORTATION									
	TRVL EXP-POLICE	6110	7800		582	7218	50.0	7.4	6,636	85.0
314	TRVL EXP-FIRE	6111	9000		1384	7616	50.0	15.3	6,231	69.2
	TRVL EXP-RRT COORDINAT	6112								
	TRVL EXP-RESPONSE TEAM	6116								
	FREIGHT	6120	750		700	50	50.0	93.3	650	86.6
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314	TRANSPORTATION		17550		2666	14884	50.0	15.1	12,218	69.6
	ADVERTISING									
	ADVERTISING	6150	5000		4766	235	50.0	95.3	4,531	90.6
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	ADVERTISING		5000		4766	235	50.0	95.3	4,531	90.6
	PRINTING AND BINDING									
	PRINTING	6200								
	FILM PROCESSING	6240								
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	PRINTING AND BINDING									
	INSURANCE									
	BOILER MACHINERY	6260								
	SURETY AND FORGERY BON	6270								
	OTHER INSURANCE	6299								

	INSURANCE								
	UTILITIES								
385	GAS	6300	3000	2385	615	50.0	79.5	1,770	59.0
1206	ELECTRICITY	6305	18000	6500	11500	50.0	36.1	5,000-	27.7-
	WATER	6315							

1592	UTILITIES		21000	8885	12115	50.0	42.3	3,230-	15.3-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350	24900		24900	50.0		24,900-	100.0-
	DISASTER REPAIRS	6351	45		45	50.0		45-	100.0-
	OFFICE EQUIPMENT R&M	6365							
	MINOR EQUIPMENT R&M	6382	150		150	50.0		150-	100.0-
	MOTOR VEHICLE EQ. R&M	6384	500		500	50.0		500-	100.0-
	CLEANING AND PAINTING	6392	400		400	50.0		400-	100.0-
	DISINFECT./EXTERMINATI	6394	1300	296	1004	50.0	22.7	708-	54.4-
	OTHER REPAIRS AND MAIN	6399	1500	795	705	50.0	53.0	90	6.0

	REPR/MAINT-OUTSIDE L		28795	1091	27704	50.0	3.7	26,613-	92.4-
	RENTALS								
236	OTHER RENT	6449	4000	1898	2102	50.0	47.4	204-	5.1-

236	RENTALS		4000	1898	2102	50.0	47.4	204-	5.1-
	OTHER SERVICES & CHARGE								
	PETTY CASH LOSS/STORM	6818							
	DUES AND MEMBERSHIPS	6840	250	50	200	50.0		250-	100.0-
225	REGISTRATN FEE-POLICE	6845	14000	4490	9510	50.0	32.0	5,020-	35.8-
40	REGISTRATN FEE-FIRE	6846	15000	3160	11840	50.0	21.0	8,679-	57.8-
	SERVICES NOT SPECIFIED	6999							

265	OTHER SERVICES & CHA		29250	50	7650	50.0	26.1	13,950-	47.6-

2407	OTHER SERVICES & CHAR		105695	50	26979	50.0	25.5	51,737-	48.9-

	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS	7150							
	P&F TRAINING BLDG	7150 34							

	BUILDING IMPROVEMEN								

	BUILDING/BLD IMPROVE								
	IMPROVEMENT OTHER THAN								
	PARKING LOT/DRIVEWAY	7227							

	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	EQUIP-RESPONSE TEAM'07	7311							
	EQUIP-RESPONSE TEAM'04	7314							
	EQUIP-CITY HOMELAND SE	7316							
	OFFICE FURN/EQUIP.	7325							
	COMMUNICATION EQUIPMEN	7355							
	TRAFFIC CONTROL EQUIP.	7360							
	OTHER EQUIP-HAZ.MAT	7398							
	OTHER EQUIPMENT	7399							

	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	BUSES	7410							

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-----	VEHICLES	-----	-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	-----	-----	-----	-----	-----	-----	-----	-----
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7198	EXPENDITURES	293042	176	80405	212461	50.0	27.4	132,232-	45.1-

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
498258	REGULAR WAGES	4000	5053708		2167760	2885948	50.0 42.8	718,188-	14.2-
	DISASTER RECOVERY WAGE	4010							
82278	OVERTIME	4300	450000		333916	116084	50.0 74.2	217,832	48.4
	DISASTER RECOVERY OVER	4310							
580537	SALARIES		5503708		2501676	3002032	50.0 45.4	500,356-	9.0-
	EMPLOYEE BENEFITS								
90429	STATE RETIREMENT	4600	866840		389664	477176	50.0 44.9	87,512-	10.0-
42393	F.I.C.A. TAXES	4700	421040		180090	240950	50.0 42.7	60,860-	14.4-
63800	HOSPITALIZATION INS.	4800	1014000		387730	626270	50.0 38.2	238,539-	23.5-
	UNEMPLOYMENT BENEFITS	4900	3000			3000	50.0	3,000-	100.0-
	WORKMAN'S COMPENSATION	4910	240000			240000	50.0	240,000-	100.0-
196622	EMPLOYEE BENEFITS		2544880		957484	1587396	50.0 37.6	629,911-	24.7-
777159	PERSONAL SERVICES		8048588		3459160	4589428	50.0 42.9	1,130,267-	14.0-
	OFFICE SUPPLIES								
12	PAPER	5003	500		169	331	50.0 33.8	161-	32.2-
	PRINTED FORMS	5005	400			400	50.0	400-	100.0-
28	OTHER EXPENDABLE OFF.S	5010	6000		1359	4641	50.0 22.6	3,282-	54.7-
96	MINOR OFFICE EQUIP/FUR	5020	2264		1310	954	50.0 57.8	355	15.6
	CASSETTES, TAPES	5035							
	PHOTO SUPPLIES	5040							
	SUBSCRIPTIONS,MAGS,MAP	5050							
24	BOOKS	5070	1100		1087	13	50.0 98.8	1,074	97.6
194	COMPUTER SUPPLIES	5080	900		423	477	50.0 47.0	54-	6.0-
354	OFFICE SUPPLIES		11164		4347	6817	50.0 38.9	2,470-	22.1-
	OPERATING SUPPLIES								
1112	CLEANING/JANITORIAL SP	5100	10600	691	4907	5002	50.0 46.2	786-	7.4-
	HOUSEHOLD SUPPLIES	5110	2500		1037	1463	50.0 41.4	426-	17.0-
	FOOD	5115	400			400	50.0	400-	100.0-
908	MEDICAL SUPPLIES	5120	3700		3242	458	50.0 87.6	2,783	75.2
	LABORATORY SUPPLIES	5125							
	CHEMICALS	5130							
860	GAS AND OIL	5250	21000		8598	12402	50.0 40.9	3,804-	18.1-
63	LUBRICANTS	5255	2900	99	996	1805	50.0 34.3	908-	31.3-
3725	DIESEL FUEL	5257	55500		23748	31752	50.0 42.7	8,004-	14.4-
	OTHER FUEL	5260	900		160	740	50.0 17.7	579-	64.3-
1116	UNIFORMS, BADGES, ETC.	5350	89749	3,970	84661	1118	50.0 94.3	79,573	88.6
	WEARING APPAREL	5355	1000		627	373	50.0 62.7	254	25.4
	ASPHALT & ASPHALT PROD	5400							
	CONCRETE, CEMENT, ETC.	5405	11051		11051	1	50.0 100.0	11,050	99.9
	HORT./LANDSCAPING SPLY	5440							
255	HAND TOOLS	5450	1200	104	998	98	50.0 83.1	795	66.2
769	MINOR EQUIPMENT	5460	3977	704	3272	1	50.0 82.2	2,566	64.5
610	MINOR FIRE FIGHTING EQ	5462	4146	1,420	2706	20	50.0 65.2	1,266	30.5
	SWIFT WATER RESCUE SUP	5465							
	FIRE HOSE	5470							

	RECREATIONAL SUPPLIES	5510								
	SFTY/FIRE P/MATL CONTR	5535	3500		2999	501	50.0	85.6	2,497	71.3
	OTHER OPERATING MATL/S	5590	800		577	223	50.0	72.1	354	44.2
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9418	OPERATING SUPPLIES		212923	6,988	149578	56356	50.0	70.2	86,233	40.4
	REPAIR & MAINTENANCE SP									
5650	BUILDING MATERIALS & S	5600	11000		10659	341	50.0	96.9	10,318	93.8
	ELECTRICAL SUPPLIES	5605	2250	175	1071	1004	50.0	47.6	108-	4.8-
269	PLUMBING SUPPLIES	5610	2150	176	1765	208	50.0	82.0	1,380	64.1
	PAINT AND PAINTING SPL	5650	2600		1853	747	50.0	71.2	1,105	42.5
7194	MTR VEHICLE REP. PTS/S	5700	52774	4,377	46196	2201	50.0	87.5	39,617	75.0
	COMMUNICATION REPAIR P	5750	1000		222	778	50.0	22.2	556-	55.6-
	AGRICLTRL REPAIR PTS/S	5755								
	SCBA REPAIR PTS/SPL	5756	12300		994	11306	50.0	8.0	10,311-	83.8-
	MINOR COMPUTER EQUIP.	5800								
	OTHER REPAIR/MAINT. SP	5990	500		197	303	50.0	39.4	106-	21.2-
	REPR SPLY-8/29/05 STOR	5995	6252			6252	50.0		6,252-	100.0-
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13113	REPAIR & MAINTENANCE		90826	4,728	62958	23140	50.0	69.3	35,090	38.6
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22885	SUPPLIES AND EXPENSES		314913	11,716	216883	86313	50.0	68.8	118,853	37.7
	PROFESSIONAL SERVICES									
	APPRAISAL	6017								
	MEDICAL	6027	23250		8574	14676	50.0	36.8	6,102-	26.2-
	ENTERTAINMENT	6033								
60	OTHER PROFESSIONAL SER	6049	14900		2586	12314	50.0	17.3	9,728-	65.2-
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60	PROFESSIONAL SERVICE		38150		11160	26990	50.0	29.2	15,830-	41.4-
	COMMUNICATIONS									
698	TELEPHONE AND TELEGRAP	6060	13600		4882	8718	50.0	35.8	3,835-	28.1-
	NETWORK	6068								
	NETWORK WIRELESS-GRANT	6069								
	POSTAGE	6070								
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698	COMMUNICATIONS		13600		4882	8718	50.0	35.8	3,835-	28.1-
	TRANSPORTATION									
1647	TRAVEL EXPENSE	6110	5000		2239	2761	50.0	44.7	521-	10.4-
147	FREIGHT	6120	3800	223	2642	935	50.0	69.5	1,483	39.0
	MESSENGER/EXPRESS SERV	6130								
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1794	TRANSPORTATION		8800	223	4881	3696	50.0	55.4	962	10.9
	ADVERTISING									
	ADVERTISING	6150	8800		6243	2557	50.0	70.9	3,686	41.8
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	ADVERTISING		8800		6243	2557	50.0	70.9	3,686	41.8
	PRINTING AND BINDING									
	PRINTING	6200	2320		1408	912	50.0	60.6	496	21.3
	FILM PROCESSING	6240								
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	PRINTING AND BINDING		2320		1408	912	50.0	60.6	496	21.3
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	BOILER MACHINERY	6260								
	AUTOMOBILE INSURANCE	6265								
	SURETY AND FORGERY BON	6270	125			125	50.0		125-	100.0-
	OTHER INSURANCE	6299								
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	INSURANCE		125			125	50.0		125-	100.0-

	UTILITIES								
1651	GAS	6300	15000	10931	4069	50.0	72.8	6,861	45.7
4386	ELECTRICITY	6305	62000	30320	31680	50.0	48.9	1,360-	2.1-
28	WATER	6315	354	170	184	50.0	48.0	14-	3.9-
6065	UTILITIES		77354	41421	35933	50.0	53.5	5,488	7.0
	REPR/MAINT-OUTSIDE LABO								
1482	BUILDING R&M	6350	32238	28648	3590	50.0	88.8	25,058	77.7
	DISASTER REPAIRS	6351	6646		6646	50.0		6,646-	100.0-
	8/29/05 STORM REPAIRS	6353	677		677	50.0		677-	100.0-
	ELECTRICAL R&M	6355	200		200	50.0		200-	100.0-
	PLUMBING EQUIPMENT R&M	6357	1600	1471	129	50.0	91.9	1,342	83.8
	STREETS & STRUCTURES R	6360							
194	OFFICE EQUIPMENT R&M	6365	3270	1406	1864	50.0	42.9	458-	14.0-
1170	HOUSEHOLD EQUIPMENT R&	6370	4000	2370	1572	50.0	59.2	740	18.5
600	FIXED EQUIPMENT R&M	6380	6025	600	5425	50.0	9.9	4,825-	80.0-
1797	MINOR EQUIPMENT R&M	6382	3000	1872	1128	50.0	62.4	744	24.8
11336	MOTOR VEHICLE EQ. R&M	6384	63768	25794	37283	50.0	40.4	12,180-	19.1-
	AGRICULTURAL EQ. R&M	6387	500		500	50.0		500-	100.0-
	SCBA EQUIP. R&M	6389	13350	5542	7808	50.0	41.5	2,265-	16.9-
275	COMMUNICATION EQ. R&M	6390	4000	853	3147	50.0	21.3	2,293-	57.3-
	DISINFECT./EXTERMINATI	6394	2000	772	1228	50.0	38.6	455-	22.7-
	SIGN PAINTING	6396							
	TOW IN CHARGES	6398	1600	900	700	50.0	56.2	200	12.5
	OTHER REPAIRS AND MAIN	6399	4350	3105	1245	50.0	71.3	1,860	42.7
16854	REPR/MAINT-OUTSIDE L		147224	750	73333	50.0	49.8	557-	.3-
	RENTALS								
	OFFICE EQUIPMENT RENT	6410							
	MACHINERY RENT	6420	100		100	50.0		100-	100.0-
269	CYLINDER RENT	6425	4000	1660	2340	50.0	41.5	679-	16.9-
	UNIFORM RENT	6430							
	MOP-MAT-RAG RENT	6435							
	OTHER RENT	6449	1600		1600	50.0		1,600-	100.0-
269	RENTALS		5700	1660	4040	50.0	29.1	2,379-	41.7-
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS	6840	1300	489	811	50.0	37.6	322-	24.7-
120	REGISTRATION FEE/TUITI	6845	1300	120	1180	50.0	9.2	1,060-	81.5-
	LAUNDRY	6850	100		100	50.0		100-	100.0-
	SERVICES NOT SPECIFIED	6999	750	75	675	50.0	10.0	600-	80.0-
120	OTHER SERVICES & CHA		3450	684	2766	50.0	19.8	2,082-	60.3-
25860	OTHER SERVICES & CHAR		305523	973	145670	50.0	47.6	14,183-	4.6-
	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							
	BUILDINGS								
	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							
	LABORATORY	7310							
	FIRE FIGHTING	7315							
	EQUIP-SCBA-'11 AF GRAN	7317							
	HOUSEHOLD FURN/EQUIP.	7320	13300		13286	14	50.0	99.8	13,271 99.7
	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		13300		13286	14	50.0	99.8	13,271 99.7
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	HEAVY TRUCKS	7430							
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	VEHICLES								
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	CAPITAL OUTLAY		13300		13286	14	50.0	99.8	13,271 99.7
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825904	EXPENDITURES		8682324	12,689	3834999	4834636	50.0	44.1	1,012,326- 11.6-

001180 - GENERAL FUND-LAND DEVEL.ADM.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
47952	REGULAR WAGES 4000	417924		172083	245841	50.0	41.1	73,758-	17.6-
	DISASTER RECOVERY WAGE 4010								
10	OVERTIME 4300	1000		68	932	50.0	6.8	864-	86.4-
	DISASTER RECOVERY OVER 4310								
47962	SALARIES	418924		172151	246773	50.0	41.0	74,622-	17.8-
	EMPLOYEE BENEFITS								
7554	STATE RETIREMENT 4600	65995		27114	38881	50.0	41.0	11,767-	17.8-
3603	F.I.C.A. TAXES 4700	32058		12789	19269	50.0	39.8	6,480-	20.2-
6960	HOSPITALIZATION INS. 4800	109200		38280	70920	50.0	35.0	32,640-	29.8-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	50.0		1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	15500			15500	50.0		15,500-	100.0-
18117	EMPLOYEE BENEFITS	223753		78183	145570	50.0	34.9	67,387-	30.1-
66079	PERSONAL SERVICES	642677		250334	392343	50.0	38.9	142,009-	22.0-
	OFFICE SUPPLIES								
305	PAPER 5003	1300		387	913	50.0	29.7	526-	40.4-
	PRINTED FORMS 5005	500			500	50.0		500-	100.0-
143	OTHER EXPENDABLE OFF.S 5010	3015		576	2439	50.0	19.1	1,863-	61.7-
327	MINOR OFFICE EQUIP/FUR 5020	5000	20	500	4480	50.0	10.0	4,000-	80.0-
	PHOTO SUPPLIES 5040								
	SUBSCRIPTIONS,MAGS,MAP 5050	400			400	50.0		400-	100.0-
3179	BOOKS 5070	4185	725	3457	2	50.0	82.6	2,729	65.2
	COMPUTER SUPPLIES 5080			43	43-			86	
3954	OFFICE SUPPLIES	14400	745	4963	8692	50.0	34.4	4,473-	31.0-
	OPERATING SUPPLIES								
	FOOD 5115								
660	GAS AND OIL 5250	8000		3546	4454	50.0	44.3	908-	11.3-
	LUBRICANTS 5255								
743	WEARING APPAREL 5355	1310		1309	1	50.0	99.9	1,308	99.8
	MINOR EQUIPMENT 5460			749	749-			1,497	
	OTHER OPERATING MATL/S 5590								
1403	OPERATING SUPPLIES	9310		5605	3705	50.0	60.2	1,900	20.4
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600								
	PAINT AND PAINTING SPL 5650	890			890	50.0		890-	100.0-
209	MTR VEHICLE REP. PTS/S 5700	3500	338	2666	496	50.0	76.1	1,831	52.3
	COMMUNICATION REPAIR P 5750								
209	REPAIR & MAINTENANCE	4390	338	2666	1386	50.0	60.7	941	21.4
5566	SUPPLIES AND EXPENSES	28100	1,083	13234	13783	50.0	47.0	1,631-	5.8-
	PROFESSIONAL SERVICES								
	DEMOLITION 6013	3500			3500	50.0		3,500-	100.0-
	ASBESTOS REMOVAL 6014	41000			41000	50.0		41,000-	100.0-

500	TITLE OPINIONS	6016	8350	5850	2500	50.0	70.0	3,350	40.1
	LOT CLEARING	6018	24650		24650	50.0		24,650-	100.0-
	MEDICAL	6027							
750	OTHER PROFESSIONAL SER	6049	8000	3668	4332	50.0	45.8	664-	8.3-
1250	PROFESSIONAL SERVICE		85500	9518	75982	50.0	11.1	66,464-	77.7-
812	TELEPHONE AND TELEGRAP	6060	5000	4893	107	50.0	97.8	4,786	95.7
	POSTAGE	6070							
812	COMMUNICATIONS		5000	4893	107	50.0	97.8	4,786	95.7
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	13000	358	12642	50.0	2.7	12,283-	94.4-
	FREIGHT	6120							
	MESSENGER/EXPRESS SERV	6130							
	TRANSPORTATION		13000	358	12642	50.0	2.7	12,283-	94.4-
	ADVERTISING								
	ADVERTISING	6150							
	ADVERTISING								
11	PRINTING AND BINDING		40000	11	39989	50.0		39,978-	99.9-
	PRINTING	6200							
	FILM PROCESSING	6240							
11	PRINTING AND BINDING		40000	11	39989	50.0		39,978-	99.9-
	INSURANCE								
	AUTOMOBILE INSURANCE	6265							
	SURETY AND FORGERY BON	6270							
	INSURANCE								
19	REPR/MAINT-OUTSIDE LABO								
	OFFICE EQUIPMENT R&M	6365							
	MOTOR VEHICLE EQ. R&M	6384	2500	1,255	1135	50.0	45.4	229-	9.1-
	COMMUNICATION EQ. R&M	6390							
	CLEANING AND PAINTING	6392							
	SIGN PAINTING	6396							
	TOW IN CHARGES	6398	200		200	50.0		200-	100.0-
19	REPR/MAINT-OUTSIDE L		2700	1,255	1135	50.0	42.0	429-	15.8-
	RENTALS				310				
220	OTHER RENT	6449	6200	1578	4622	50.0	25.4	3,044-	49.0-
220	RENTALS		6200	1578	4622	50.0	25.4	3,044-	49.0-
	OTHER SERVICES & CHARGE								
660	DUES AND MEMBERSHIPS	6840	1800	820	980	50.0	45.5	159-	8.8-
	REGISTRATION FEE/TUITI	6845	4500	250-	4750	50.0	5.5	3,999-	88.8-
660	OTHER SERVICES & CHA		6300	570	5730	50.0	9.0	5,160-	81.9-
2972	OTHER SERVICES & CHAR		158700	1,255	18062	50.0	11.3	122,576-	77.2-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	COMMUNICATION EQUIPMEN	7355							
	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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74616	EXPENDITURES		829477	2,338	281630	545510	50.0	33.9	266,217-	32.0-

001190 - GENERAL FUND-P/S CONTRAC.SER

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	SALARIES						
17235	REGULAR WAGES 4000	140000		76775	63225	50.0 54.8	13,549 9.6
	OVERTIME 4300						
17235	SALARIES	140000		76775	63225	50.0 54.8	13,549 9.6
	EMPLOYEE BENEFITS						
	STATE RETIREMENT 4600	26500			26500	50.0	26,500- 100.0-
	F.I.C.A. TAXES 4700	15300			15300	50.0	15,300- 100.0-
	HOSPITALIZATION INS. 4800	15000			15000	50.0	15,000- 100.0-
	EMPLOYEE BENEFITS	56800			56800	50.0	56,800- 100.0-
17235	PERSONAL SERVICES	196800		76775	120025	50.0 39.0	43,250- 21.9-
	PROFESSIONAL SERVICES						
7628	MEDICAL 6027	200000	904	103601	95495	50.0 51.8	7,201 3.6
	OTHER PROF.-JAIL DIV G 6048						
7628	PROFESSIONAL SERVICE	200000	904	103601	95495	50.0 51.8	7,201 3.6
	OTHER SERVICES & CHARGE						
109762	JAIL EXPENSE 6815	970000		481624	488376	50.0 49.6	6,751- .6-
	DISTRICT ATT'Y SUBSIDY 6816						
	JAIL IMPR-CITY SHARE 6826						
	AMBULANCE SERV.CONTRIB 6860						
	EMERGENCY MGMT.CONTRIB 6865	126000		68000	58000	50.0 53.9	9,999 7.9
	USM CITIZEN CORPS COUN 6866						
	USM TITLE V CONTRACT 6867						
	JUVENILLE ACCT.INCEN TI 6868						
	METH GRANT CONTRACT 6869						
	SERVICES NOT SPECIFIED 6999						
109762	OTHER SERVICES & CHA	1096000		549624	546376	50.0 50.1	3,248 .2
117390	OTHER SERVICES & CHAR	1296000	904	653224	641872	50.0 50.4	10,448 .8
	VEHICLES						
	AUTOMOBILES 7400						
	VEHICLES						
	CAPITAL OUTLAY						
134625	EXPENDITURES	1492800	904	729999	761897	50.0 48.9	32,802- 2.1-

001191 - GENERAL FUND-TRAFFIC MAINT.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
23402	REGULAR WAGES 4000	252442		125901	126541	50.0	49.8	640-	.2-
	DISASTER RECOVERY WAGE 4010								
1171	OVERTIME 4300	12000		7540	4460	50.0	62.8	3,080	25.6
	DISASTER RECOVERY OVER 4310								
24574	SALARIES	264442		133440	131002	50.0	50.4	2,438	.9
	EMPLOYEE BENEFITS								
3870	STATE RETIREMENT 4600	41650		21017	20633	50.0	50.4	383	.9
1848	F.I.C.A. TAXES 4700	20230		9930	10300	50.0	49.0	370-	1.8-
4350	HOSPITALIZATION INS. 4800	70200		30160	40040	50.0	42.9	9,879-	14.0-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	50.0		1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	14000			14000	50.0		14,000-	100.0-
10068	EMPLOYEE BENEFITS	147080		61107	85973	50.0	41.5	24,866-	16.9-
34642	PERSONAL SERVICES	411522		194548	216974	50.0	47.2	22,425-	5.4-
	OFFICE SUPPLIES								
	PAPER 5003	300			300	50.0		300-	100.0-
	PRINTED FORMS 5005								
136	OTHER EXPENDABLE OFF.S 5010	1300		590	710	50.0	45.3	120-	9.2-
	MINOR OFFICE EQUIP/FUR 5020	1000			1000	50.0		1,000-	100.0-
	PHOTO SUPPLIES 5040								
	SUBSCRIPTIONS,MAGS,MAP 5050								
	BOOKS 5070	500			500	50.0		500-	100.0-
	COMPUTER SUPPLIES 5080	600		230	370	50.0	38.3	140-	23.3-
136	OFFICE SUPPLIES	3700		820	2880	50.0	22.1	2,059-	55.6-
	OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100	200			200	50.0		200-	100.0-
	HOUSEHOLD SUPPLIES 5110	1500		462	1038	50.0	30.8	576-	38.4-
	FOOD 5115								
	MEDICAL SUPPLIES 5120	50			50	50.0		50-	100.0-
	CHEMICALS 5130	600			600	50.0		600-	100.0-
960	GAS AND OIL 5250	18000		5431	12569	50.0	30.1	7,137-	39.6-
	LUBRICANTS 5255	100			100	50.0		100-	100.0-
51	DIESEL FUEL 5257	2000		511	1489	50.0	25.5	977-	48.8-
	WEARING APPAREL 5355	1600		379	1221	50.0	23.6	841-	52.5-
	ASPHALT & ASPHALT PROD 5400								
	CONCRETE, CEMENT, ETC. 5405								
	SAND,CLAY,GRVL,FILL DI 5415								
	HORT./LANDSCAPING SPLY 5440								
	HAND TOOLS 5450	2520		1575	945	50.0	62.5	630	25.0
360	MINOR EQUIPMENT 5460	12220	625	4919	6677	50.0	40.2	2,382-	19.4-
	TRAFFIC CONTROL EQ. SP 5540	50600		11412	39188	50.0	22.5	27,776-	54.8-
	TRAFFIC SIGNS 5545	23000		11728	11272	50.0	50.9	456	1.9
	STREET MARKING SUPPLIE 5550	3000			3000	50.0		3,000-	100.0-
	OTHER OPERATING MATL/S 5590	2780		2687	93	50.0	96.6	2,593	93.2
1372	OPERATING SUPPLIES	118170	625	39104	78441	50.0	33.0	39,962-	33.8-

REPAIR & MAINTENANCE SP										
1560	BUILDING MATERIALS & S	5600	2543		1560	983	50.0	61.3	577	22.6
	ELECTRICAL SUPPLIES	5605	3000			3000	50.0		3,000-	100.0-
	STRUCTURAL STEEL & IRO	5620	957			957	50.0		957-	100.0-
5501	PAINT AND PAINTING SPL	5650	6612	6109		503	50.0	92.3	5,606	84.7
830	MTR VEHICLE REP. PTS/S	5700	5029	862	3544	623	50.0	70.4	2,059	40.9
	COMMUNICATION REPAIR P	5750	1700			1700	50.0		1,700-	100.0-
190	OTHER REPAIR/MAINT. SP	5990	500	190		310	50.0	38.0	119-	23.8-
	DISASTER REPAIR SUPPLI	5995								
8080	REPAIR & MAINTENANCE		20341	862	11403	8076	50.0	56.0	2,465	12.1
9588	SUPPLIES AND EXPENSES		142211	1,487	51327	89398	50.0	36.0	39,557-	27.8-
PROFESSIONAL SERVICES										
	MEDICAL	6027								
PROFESSIONAL SERVICE										
COMMUNICATIONS										
70	TELEPHONE AND TELEGRAP	6060	1000	492	508	50.0	49.2		16-	1.6-
	POSTAGE	6070								
70	COMMUNICATIONS		1000	492	508	50.0	49.2		16-	1.6-
TRANSPORTATION										
	TRAVEL EXPENSE	6110	800	216	584	50.0	27.0		368-	46.0-
30	FREIGHT	6120	785	67	718	50.0	8.5		650-	82.8-
	MESSENGER/EXPRESS SERV	6130								
30	TRANSPORTATION		1585	283	1302	50.0	17.8		1,018-	64.2-
ADVERTISING										
	ADVERTISING	6150								
ADVERTISING										
INSURANCE										
PUBLIC LIAB/PROPERTY D										
	AUTOMOBILE INSURANCE	6255								
	SURETY AND FORGERY BON	6265								
		6270								
INSURANCE										
UTILITIES										
51	GAS	6300	1000	635	365	50.0	63.5		269	26.9
911	ELECTRICITY	6305	16000	6192	9808	50.0	38.7		3,616-	22.6-
	TRAFFIC LIGHT ELECTRIC	6310								
962	UTILITIES		17000	6826	10174	50.0	40.1		3,347-	19.6-
REPR/MAINT-OUTSIDE LABO										
	BUILDING R&M	6350								
	DISASTER REPAIRS	6351								
	STREETS & STRUCTURES R	6360								
	OFFICE EQUIPMENT R&M	6365	440		440	50.0			440-	100.0-
	TRAFFIC CONTROL EQ. R&	6375	8000	1493	6507	50.0	18.6		5,014-	62.6-
	FIXED EQUIPMENT R&M	6380								
	MINOR EQUIPMENT R&M	6382	150		150	50.0			150-	100.0-
	MOTOR VEHICLE EQ. R&M	6384	4150	930	64	3156	50.0	1.5	4,021-	96.8-
	COMMUNICATION EQ. R&M	6390	825		825	50.0			825-	100.0-
	DISINFECT./EXTERMINATI	6394	700	90	610	50.0	12.8		520-	74.2-
	SIGN PAINTING	6396								
	TOW IN CHARGES	6398	200		200	50.0			200-	100.0-
	OTHER REPAIRS AND MAIN	6399	1200		1200	50.0			1,200-	100.0-

-----	REPR/MAINT-OUTSIDE L	-----	-----	-----	-----	-----	-----	-----	-----
	RENTALS	15665	930	1647	13088	50.0	10.5	12,371-	78.9-
	MACHINERY RENT 6420								
	CYLINDER RENT 6425								
226	UNIFORM RENT 6430	3104		1846	1258	50.0	59.4	588	18.9
16	MOP-MAT-RAG RENT 6435	100		24	76	50.0	24.0	52-	52.0-
	OTHER RENT 6449	300		166	134	50.0	55.3	32	10.6
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242	RENTALS	3504		2036	1468	50.0	58.1	567	16.1
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840	600		450	150	50.0	75.0	300	50.0
	REGISTRATION FEE/TUITI 6845	1160		549	611	50.0	47.3	62-	5.3-
	LAUNDRY 6850								
257	SERVICES NOT SPECIFIED 6999	5850		1540	4310	50.0	26.3	2,769-	47.3-
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257	OTHER SERVICES & CHA	7610		2539	5071	50.0	33.3	2,531-	33.2-
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1561	OTHER SERVICES & CHAR	46364	930	13824	31610	50.0	29.8	18,716-	40.3-
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	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								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
-----		-----	-----	-----	-----	-----	-----	-----	-----
45791	EXPENDITURES	600097	2,417	259698	337982	50.0	43.2	80,701-	13.4-

001201 - GENERAL FUND-STREET DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	SALARIES						
107850	REGULAR WAGES 4000	1172691		518019	654672	50.0 44.1	136,653- 11.6-
	DISASTER RECOVERY WAGE 4010						
3314	OVERTIME 4300	36000		13902	22098	50.0 38.6	8,196- 22.7-
	DISASTER RECOVERY OVER 4310						
111164	SALARIES	1208691		531921	676770	50.0 44.0	144,849- 11.9-
	EMPLOYEE BENEFITS						
17508	STATE RETIREMENT 4600	190370		83778	106592	50.0 44.0	22,814- 11.9-
8343	F.I.C.A. TAXES 4700	92470		39767	52703	50.0 43.0	12,936- 13.9-
19930	HOSPITALIZATION INS. 4800	343200		132530	210670	50.0 38.6	78,140- 22.7-
	UNEMPLOYMENT BENEFITS 4900	4000		227	3773	50.0 5.6	3,546- 88.6-
	WORKMAN'S COMPENSATION 4910	75000			75000	50.0	75,000- 100.0-
45782	EMPLOYEE BENEFITS	705040		256301	448739	50.0 36.3	192,438- 27.2-
156945	PERSONAL SERVICES	1913731		788222	1125509	50.0 41.1	337,287- 17.6-
	OFFICE SUPPLIES						
	PAPER 5003						
	PRINTED FORMS 5005						
45	OTHER EXPENDABLE OFF.S 5010	500		460	40	50.0 92.0	420 84.0
	MINOR OFFICE EQUIP/FUR 5020	2500		1898	602	50.0 75.9	1,295 51.8
	SUBSCRIPTIONS, MAGS, MAP 5050						
45	OFFICE SUPPLIES	3000		2359	641	50.0 78.6	1,718 57.2
	OPERATING SUPPLIES						
818	CLEANING/JANITORIAL SP 5100	3072		1718	1354	50.0 55.9	363 11.8
221	HOUSEHOLD SUPPLIES 5110	2000		337	1663	50.0 16.8	1,325- 66.2-
	FOOD 5115						
	MEDICAL SUPPLIES 5120						
	CHEMICALS 5130	16500			16500	50.0	16,500- 100.0-
2075	GAS AND OIL 5250	35000	4,531	11714	18755	50.0 33.4	11,572- 33.0-
	LUBRICANTS 5255	1900		870	1030	50.0 45.7	160- 8.4-
7407	DIESEL FUEL 5257	55200		32273	22927	50.0 58.4	9,345 16.9
626	WEARING APPAREL 5355	3700		3245	455	50.0 87.7	2,789 75.3
190-	ASPHALT & ASPHALT PROD 5400	36900	18,500	18198	202	50.0 49.3	504- 1.3-
	CONCRETE, CEMENT, ETC. 5405	86300	9,840	15481	60979	50.0 17.9	55,337- 64.1-
203	BRICK, STONE, MORTAR, ETC 5410	37900	3,400	34398	102	50.0 90.7	30,896 81.5
	SAND, CLAY, GRVL, FILL DI 5415	22800		6660	16140	50.0 29.2	9,480- 41.5-
5295	DRAINAGE PIPE & CULVER 5420	21700		5295	16405	50.0 24.4	11,110- 51.1-
	HORT./LANDSCAPING SPLY 5440	3000		359	2641	50.0 11.9	2,282- 76.0-
372	HAND TOOLS 5450	3000		2405	595	50.0 80.1	1,809 60.3
	MINOR EQUIPMENT 5460	9500		4643	4857	50.0 48.8	214- 2.2-
	STREET MARKING SUPPLIE 5550						
1215	OTHER OPERATING MATL/S 5590	18600	3,889	13650	1061	50.0 73.3	8,700 46.7
18042	OPERATING SUPPLIES	357072	40,160	151248	165664	50.0 42.3	54,576- 15.2-
	REPAIR & MAINTENANCE SP						
	BUILDING MATERIALS & S 5600	10000	511		9489	50.0	10,000- 100.0-
45	ELECTRICAL SUPPLIES 5605	5000		279	4721	50.0 5.5	4,442- 88.8-

	PLUMBING SUPPLIES	5610	1900	200	1700	50.0	10.5	1,500-	78.9-	
	STRUCTURAL STEEL & IRO	5620	4500		4500	50.0		4,500-	100.0-	
	PAINT AND PAINTING SPL	5650	3400		3400	50.0		3,400-	100.0-	
5058	MTR VEHICLE REP. PTS/S	5700	93491	389	63480	29622	50.0	67.8	33,469	35.7
	COMMUNICATION REPAIR P	5750	1000		1000	50.0			1,000-	100.0-
	AGRICLTRL REPAIR PTS/S	5755	1400		1400	50.0			1,400-	100.0-
540	OTHER REPAIR/MAINT. SP	5990	634		540	94	50.0	85.1	446	70.3
	DISASTER REPAIR SUPPLI	5995	85937			85937	50.0		85,937-	100.0-
5643	REPAIR & MAINTENANCE		207262	900	64499	141862	50.0	31.1	78,264-	37.7-
23731	SUPPLIES AND EXPENSES		567334	41,060	218106	308168	50.0	38.4	131,122-	23.1-
	PROFESSIONAL SERVICES									
	LOT CLEARING	6018								
	MEDICAL	6027								
67	OTHER PROFESSIONAL SER	6049	23300		1620	21680	50.0	6.9	20,060-	86.0-
67	PROFESSIONAL SERVICE		23300		1620	21680	50.0	6.9	20,060-	86.0-
	TRANSPORTATION									
78-	TRAVEL EXPENSE	6110	2600		960	1640	50.0	36.9	680-	26.1-
	FREIGHT	6120	1100		1023	77	50.0	93.0	946	86.0
	MESSENGER/EXPRESS SERV	6130								
78-	TRANSPORTATION		3700		1983	1717	50.0	53.5	266	7.1
	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			2767	2767-			5,534	
	UTILITIES				2767	2767-			5,534	
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350								
	DISASTER REPAIRS	6351	72000		72000	50.0			72,000-	100.0-
	ELECTRICAL R&M	6355								
	PLUMBING EQUIPMENT R&M	6357								
	STREETS & STRUCTURES R	6360	20055		2530	17525	50.0	12.6	14,994-	74.7-
	MISC PAVING	6360 01								
	VENETIAN WAY AREA	6360 02								
	S 27TH/O'FERRELL AREA	6360 03								
	W 4TH-COLUMBIA ST ARE	6360 04								
	MCINNIS LOOP/CAMBRIDG	6360 05								
	DABBS ST/MLK AREA	6360 06								
	S 40TH/BONHOMIE	6360 07								
	STANLEY/HWY 42 AREA	6360 08								
	PINE HILLS/SANDLEWOOD	6360 09								
	N 35TH/USM AREA	6360 10								
	S 36TH/MAMIE ST AREA	6360 11								

	S 34TH/MANDALAY AREA	6360	12							
	S H'BURG/S CHANCELLOR	6360	13							
	BROAD ST/CAPITAL ST A	6360	14							
	MOBILE/BOUIE ST AREA	6360	15							
	CHALMETTE/WINDGATE	6360	16							
	HONEYSUCKLE/DOGWOOD	6360	17							
	ADELINE/S 16TH AREA	6360	18							
	DUMAS/FLORENCE ST ARE	6360	19							
	S 16TH/CORRINE ST ARE	6360	20							
	ACADEMY DR-BLC AIRPOR	6360	21							
	COTTAGES AT TURTLE CR	6360	22							
	CLASSIC DR/J ED TURNE	6360	23							
	E 5TH ST/E 6TH ST ARE	6360	24							
	HALL/ELIZABETH AVE	6360	25							
	MANDALAY/HILLENDAL	6360	26							
	ARLINGTON LOOP/S 34TH	6360	27							
	N. 31st Ave/HILL	6360	28							
	DWNTWN AREA VAR STS &	6360	29							
34173-	LONG RANGE PAVING PLA	6360	99	1000000		185922	814078	50.0	18.5	628,156- 62.8-
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34173-	STREETS & STRUCTURE			1020055		188452	831603	50.0	18.4	643,150- 63.0-
	FIXED EQUIPMENT R&M	6380								
	MINOR EQUIPMENT R&M	6382		1000			1000	50.0		1,000- 100.0-
7526	MOTOR VEHICLE EQ. R&M	6384		80300	5,161	51471	23668	50.0	64.0	22,642 28.1
	AGRICULTURAL EQ. R&M	6387								
	COMMUNICATION EQ. R&M	6390								
	SIGN PAINTING	6396								
250	TOW IN CHARGES	6398		1200		890	310	50.0	74.1	579 48.2
3440	OTHER REPAIRS AND MAIN	6399		9000		3440	5560	50.0	38.2	2,120- 23.5-
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22956-	REPR/MAINT-OUTSIDE L			1183555	5,161	244253	934141	50.0	20.6	695,049- 58.7-
	RENTALS									
	AUTOMOTIVE EQ. RENT	6415								
	MACHINERY RENT	6420		21500		3667	17833	50.0	17.0	14,165- 65.8-
514	UNIFORM RENT	6430		8200		3453	4747	50.0	42.1	1,294- 15.7-
	OTHER RENT	6449		600			600	50.0		600- 100.0-
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514	RENTALS			30300		7120	23180	50.0	23.4	16,059- 53.0-
	OTHER SERVICES & CHARGE									
	DUES AND MEMBERSHIPS	6840		250		35	215	50.0	14.0	180- 72.0-
	REGISTRATION FEE/TUITI	6845		2950		2171	779	50.0	73.5	1,391 47.1
	SERVICES NOT SPECIFIED	6999		18300		380	17920	50.0	2.0	17,540- 95.8-
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	OTHER SERVICES & CHA			21500		2586	18914	50.0	12.0	16,328- 75.9-
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22453-	OTHER SERVICES & CHAR			1262355	5,161	260329	996864	50.0	20.6	741,696- 58.7-
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	IMPROVEMENT OTHER THAN									
	BRIDGES	7210								
	SEWERS	7220								
	IND.PARK WTR/SWR IMPR	7220	03							
-----				-----		-----	-----	-----	-----	-----
	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	-----	-----	-----	-----	-----	-----	-----
-----	STREETS & ROADWAYS		-----	-----	-----	-----	-----	-----	-----
-----	OTHER IMPROVEMENTS	7295	-----	-----	-----	-----	-----	-----	-----
-----	IMPROVEMENT OTHER TH		-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPMENT								
	HOUSEHOLD FURN/EQUIP.	7320							
	CONSTRUCTION EQUIPMENT	7345							
	COMMUNICATION EQUIPMEN	7355							
	PIPE	7370							
-----	OTHER EQUIPMENT	7399	155000	-----	-----	155000	50.0	-----	155,000- 100.0-
-----	MACHINERY AND EQUIPM		155000	-----	-----	155000	50.0	-----	155,000- 100.0-
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	HEAVY TRUCKS	7430							
	DUMP TRUCKS	7440							
-----	SPECIAL TRUCKS	7450	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES		-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY		155000	-----	-----	155000	50.0	-----	155,000- 100.0-
-----	EXPENDITURES		3898420	-----	-----	2585541	50.0 32.4	-----	1,365,106- 35.0-
158223				46,221	1266657				

001202 - GENERAL FUND-STREET LIGHTS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	UTILITIES									
96780	ELECTRICITY	6305	1160000		563142	596858	50.0	48.5	33,716-	2.9-
96780	UTILITIES		1160000		563142	596858	50.0	48.5	33,716-	2.9-
96780	OTHER SERVICES & CHAR		1160000		563142	596858	50.0	48.5	33,716-	2.9-
	IMPROVEMENT OTHER THAN STREET LIGHTING	7235								
	IMPROVEMENT OTHER TH									
	CAPITAL OUTLAY									
96780	EXPENDITURES		1160000		563142	596858	50.0	48.5	33,716-	2.9-

001203 - GENERAL FUND-ENGR/PUBLIC SER

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
29739	REGULAR WAGES 4000	257735		120771	136964	50.0	46.8	16,193-	6.2-
	DISASTER RECOVERY WAGE 4010								
138	OVERTIME 4300	500		322	178	50.0	64.4	144	28.8
	DISASTER RECOVERY OVER 4310								
29876	SALARIES	258235		121093	137142	50.0	46.8	16,048-	6.2-
	EMPLOYEE BENEFITS								
4706	STATE RETIREMENT 4600	40680		19072	21608	50.0	46.8	2,535-	6.2-
2257	F.I.C.A. TAXES 4700	19760		9085	10675	50.0	45.9	1,589-	8.0-
3480	HOSPITALIZATION INS. 4800	46800		17940	28860	50.0	38.3	10,920-	23.3-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	50.0		1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	9000			9000	50.0		9,000-	100.0-
10443	EMPLOYEE BENEFITS	117240		46097	71143	50.0	39.3	25,046-	21.3-
40319	PERSONAL SERVICES	375475		167190	208285	50.0	44.5	41,095-	10.9-
	OFFICE SUPPLIES								
	PAPER 5003	400		40	360	50.0	10.0	319-	79.7-
	PRINTED FORMS 5005	85		84	1	50.0	98.8	83	97.6
216	OTHER EXPENDABLE OFF.S 5010	1000		623	377	50.0	62.3	245	24.5
	MINOR OFFICE EQUIP/FUR 5020								
	PHOTO SUPPLIES 5040								
	SUBSCRIPTIONS,MAGS,MAP 5050	200			200	50.0		200-	100.0-
	MAPS FOR RESALE 5060								
	BOOKS 5070								
	COMPUTER SUPPLIES 5080	3400			3400	50.0		3,400-	100.0-
216	OFFICE SUPPLIES	5085		747	4338	50.0	14.6	3,591-	70.6-
	OPERATING SUPPLIES								
	FOOD 5115								
	MEDICAL SUPPLIES 5120	215			215	50.0		215-	100.0-
30	GAS AND OIL 5250	2400		465	1935	50.0	19.3	1,470-	61.2-
	LUBRICANTS 5255								
	WEARING APPAREL 5355	90		30	60	50.0	33.3	30-	33.3-
	HORT./LANDSCAPING SPLY 5440								
	MINOR EQUIPMENT 5460	800		203	597	50.0	25.3	394-	49.2-
	OTHER OPERATING MATL/S 5590	200		20	180	50.0	10.0	160-	80.0-
30	OPERATING SUPPLIES	3705		718	2987	50.0	19.3	2,268-	61.2-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	750			750	50.0		750-	100.0-
	ELECTRICAL SUPPLIES 5605	100			100	50.0		100-	100.0-
	PAINT AND PAINTING SPL 5650								
	MTR VEHICLE REP. PTS/S 5700	1250		204	1046	50.0	16.3	842-	67.3-
	COMMUNICATION REPAIR P 5750	100			100	50.0		100-	100.0-
50-	OTHER REPAIR/MAINT. SP 5990	50		20	30	50.0	40.0	10-	20.0-
	DISASTER REPAIR SUPPLI 5995								
50-	REPAIR & MAINTENANCE	2250		224	2026	50.0	9.9	1,802-	80.0-

196	SUPPLIES AND EXPENSES	11040		1689	9351	50.0	15.2	7,662-	69.4-
	PROFESSIONAL SERVICES								
17152	ENGINEERING 6015	119900		75464	44436	50.0	62.9	31,027	25.8
	CONSULTANT SERV/SURVEY 6020								
	ABSTRACTING & RECORDIN 6023								
9749	OTHER PROFESSIONAL SER 6049	89500		60985	28515	50.0	68.1	32,470	36.2
26901	PROFESSIONAL SERVICE	209400		136449	72951	50.0	65.1	63,498	30.3
	COMMUNICATIONS								
164	TELEPHONE AND TELEGRAP 6060	2080		1570	510	50.0	75.4	1,060	50.9
	POSTAGE 6070	2920		44	2876	50.0	1.5	2,832-	96.9-
164	COMMUNICATIONS	5000		1615	3385	50.0	32.3	1,769-	35.3-
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	4000		33	3968	50.0	.8	3,934-	98.3-
	FREIGHT 6120	600		30	570	50.0	5.0	540-	90.0-
	MESSENGER/EXPRESS SERV 6130								
	TRANSPORTATION	4600		62	4538	50.0	1.3	4,476-	97.3-
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200								
	BLUELINES 6210								
	FILM PROCESSING 6240								
	PRINTING AND BINDING								
	INSURANCE								
	AUTOMOBILE INSURANCE 6265								
	SURETY AND FORGERY BON 6270								
	INSURANCE								
	UTILITIES								
140	GAS 6300	1800		735	1065	50.0	40.8	330-	18.3-
340	ELECTRICITY 6305	4000		2327	1673	50.0	58.1	653	16.3
480	UTILITIES	5800		3062	2738	50.0	52.7	323	5.5
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	4000		75	3925	50.0	1.8	3,850-	96.2-
	DISASTER REPAIRS 6351	64100		64067	33	50.0	99.9	64,033	99.8
	STREETS & STRUCTURES R 6360								
	OFFICE EQUIPMENT R&M 6365	1000			1000	50.0		1,000-	100.0-
	MINOR EQUIPMENT R&M 6382								
146	MOTOR VEHICLE EQ. R&M 6384	1000	247	645	109	50.0	64.5	290	29.0
	COMMUNICATION EQ. R&M 6390								
	DISINFECT./EXTERMINATI 6394	700		110	590	50.0	15.7	480-	68.5-
	TOW IN CHARGES 6398								
146	REPR/MAINT-OUTSIDE L	70800	247	64896	5657	50.0	91.6	58,992	83.3
	RENTALS								
318	OFFICE EQUIPMENT RENT 6410	4000		1981	2019	50.0	49.5	37-	.9-
	UNIFORM RENT 6430	400			400	50.0		400-	100.0-
	OTHER RENT 6449								
318	RENTALS	4400		1981	2419	50.0	45.0	437-	9.9-

	OTHER SERVICES & CHARGE								
359	DUES AND MEMBERSHIPS 6840	360		359	1	50.0	99.7	357	99.1
235	REGISTRATION FEE/TUITI 6845	2870		500	2370	50.0	17.4	1,870-	65.1-
	SERVICES NOT SPECIFIED 6999	130			130	50.0		130-	100.0-
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594	OTHER SERVICES & CHA	3360		859	2501	50.0	25.5	1,641-	48.8-
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28602	OTHER SERVICES & CHAR	303360	247	208924	94190	50.0	68.8	114,488	37.7

	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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69117	EXPENDITURES	689875	247	377803	311826	50.0	54.7	65,731	9.5

001204 - GENERAL FUND-SHOP DIVISION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
29391	REGULAR WAGES 4000	338927		133118	205809	50.0 39.2	72,691-	21.4-
	DISASTER RECOVERY WAGE 4010							
382	OVERTIME 4300	15000		5891	9109	50.0 39.2	3,218-	21.4-
	DISASTER RECOVERY OVER 4310							
29773	SALARIES	353927		139009	214918	50.0 39.2	75,908-	21.4-
EMPLOYEE BENEFITS								
4689	STATE RETIREMENT 4600	55750		21894	33856	50.0 39.2	11,962-	21.4-
2226	F.I.C.A. TAXES 4700	27080		10330	16750	50.0 38.1	6,419-	23.7-
5220	HOSPITALIZATION INS. 4800	93600		29580	64020	50.0 31.6	34,440-	36.7-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	50.0	1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	10500			10500	50.0	10,500-	100.0-
12135	EMPLOYEE BENEFITS	187930		61804	126127	50.0 32.8	64,321-	34.2-
41909	PERSONAL SERVICES	541857		200812	341045	50.0 37.0	140,232-	25.8-
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		8322	5178	50.0 61.6	3,144	23.2
725	GAS AND OIL 5250	10000		7136	2864	50.0 71.3	4,271	42.7
	LUBRICANTS 5255							
52	DIESEL FUEL 5257	3000		612	2388	50.0 20.4	1,776-	59.2-
	WEARING APPAREL 5355							
	HAND TOOLS 5450	1000			1000	50.0	1,000-	100.0-
	MINOR EQUIPMENT 5460	1500		500	1000	50.0 33.3	500-	33.3-
	OTHER OPERATING MATL/S 5590	1000		891	109	50.0 89.1	782	78.2
777	OPERATING SUPPLIES	30000		17461	12539	50.0 58.2	4,922	16.4
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	800		45	755	50.0 5.6	710-	88.7-
	ELECTRICAL SUPPLIES 5605	800		330	470	50.0 41.2	140-	17.5-
	PLUMBING SUPPLIES 5610	300		8	292	50.0 2.6	284-	94.6-
	STRUCTURAL STEEL & IRO 5620							
	PAINT AND PAINTING SPL 5650							
708	MTR VEHICLE REP. PTS/S 5700	3645	21	3103	521	50.0 85.1	2,561	70.2
	TROLLEY REPR PARTS & S 5710							
	COMMUNICATION REPAIR P 5750	500			500	50.0	500-	100.0-
	EXPENDABLE WELDING SPL 5770	4700		918	3782	50.0 19.5	2,864-	60.9-
	OTHER REPAIR/MAINT. SP 5990	5100	1,606	172	3322	50.0 3.3	4,755-	93.2-

708	REPAIR & MAINTENANCE	15845	1,627	4576	9642	50.0	28.8	6,692-	42.2-
1485	SUPPLIES AND EXPENSES	45845	1,627	22037	22181	50.0	48.0	1,771-	3.8-
	TRANSPORTATION								
	FREIGHT 6120								
	TRANSPORTATION								
	INSURANCE								
	BOILER MACHINERY 6260								
	AUTOMOBILE INSURANCE 6265								
	INSURANCE								
	UTILITIES								
1354	GAS 6300	3000		6485	3485-	50.0	216.1	9,969	332.3
1195	ELECTRICITY 6305	30000		8029	21971	50.0	26.7	13,941-	46.4-
2549	UTILITIES 33000			14514	18486	50.0	43.9	3,972-	12.0-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	ELECTRICAL R&M 6355								
	PLUMBING EQUIPMENT R&M 6357								
	OFFICE EQUIPMENT R&M 6365								
	FIXED EQUIPMENT R&M 6380								
	MINOR EQUIPMENT R&M 6382	1000			1000	50.0		1,000-	100.0-
250	MOTOR VEHICLE EQ. R&M 6384	1800		426	1374	50.0	23.6	948-	52.6-
	TROLLEY EQUIPMENT R&M 6385								
	COMMUNICATION EQ. R&M 6390								
	DISINFECT./EXTERMINATI 6394								
	TOW IN CHARGES 6398								
	OTHER REPAIRS AND MAIN 6399								
250	REPR/MAINT-OUTSIDE L	2800		426	2374	50.0	15.2	1,948-	69.5-
	RENTALS								
	CYLINDER RENT 6425	700			700	50.0		700-	100.0-
186	UNIFORM RENT 6430	2500		1528	972	50.0	61.1	556	22.2
	OTHER RENT 6449								
186	RENTALS 3200			1528	1672	50.0	47.7	143-	4.4-
	OTHER SERVICES & CHARGE								
	SERVICES NOT SPECIFIED 6999								
	OTHER SERVICES & CHA								
2985	OTHER SERVICES & CHAR	39000		16468	22532	50.0	42.2	6,063-	15.5-
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS 7100								
	PUBLIC WORKS SHOP BLD 7100 05								
	BUILDINGS								
	BUILDING/BLD IMPROVE								
	IMPROVEMENT OTHER THAN								
	OTHER IMPROVEMENTS 7295								
	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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46379	EXPENDITURES		626702	1,627	239317	385758	50.0 38.1	148,067-	23.6-

001205 - GENERAL FUND-G O & F S DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
16683	REGULAR WAGES 4000	186141		78427	107714	50.0 42.1	29,286-	15.7-
	DISASTER RECOVERY WAGE 4010							
32	OVERTIME 4300	2500		1879	621	50.0 75.1	1,258	50.3
	DISASTER RECOVERY OVER 4310							
16715	SALARIES	188641		80307	108334	50.0 42.5	28,027-	14.8-
	EMPLOYEE BENEFITS							
2633	STATE RETIREMENT 4600	29710		12648	17062	50.0 42.5	4,414-	14.8-
1246	F.I.C.A. TAXES 4700	14420		5937	8483	50.0 41.1	2,546-	17.6-
2900	HOSPITALIZATION INS. 4800	46800		20300	26500	50.0 43.3	6,200-	13.2-
	UNEMPLOYMENT BENEFITS 4900	500			500	50.0	500-	100.0-
	WORKMAN'S COMPENSATION 4910	1800			1800	50.0	1,800-	100.0-
6779	EMPLOYEE BENEFITS	93230		38885	54345	50.0 41.7	15,460-	16.5-
23493	PERSONAL SERVICES	281871		119192	162679	50.0 42.2	43,487-	15.4-
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005							
140	OTHER EXPENDABLE OFF.S 5010	2000		970	1030	50.0 48.5	59-	2.9-
	MINOR OFFICE EQUIP/FUR 5020	1000		106	894	50.0 10.6	787-	78.7-
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
140	OFFICE SUPPLIES	3000		1075	1925	50.0 35.8	849-	28.3-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100	2450		54	2396	50.0 2.2	2,342-	95.5-
186	HOUSEHOLD SUPPLIES 5110	400		186	214	50.0 46.5	28-	7.0-
	MEDICAL SUPPLIES 5120	300			300	50.0	300-	100.0-
	CHEMICALS 5130							
	DIESEL FUEL-GENERATORS 5257	1800		242	1558	50.0 13.4	1,316-	73.1-
	WEARING APPAREL 5355							
	HAND TOOLS 5450							
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590	500		98	402	50.0 19.6	304-	60.8-
186	OPERATING SUPPLIES	5450		581	4869	50.0 10.6	4,288-	78.6-
	REPAIR & MAINTENANCE SP							
	BUILDING MATERIALS & S 5600	500			500	50.0	500-	100.0-
	ELECTRICAL SUPPLIES 5605	550			550	50.0	550-	100.0-
	PLUMBING SUPPLIES 5610	100			100	50.0	100-	100.0-
	PAINT AND PAINTING SPL 5650	500			500	50.0	500-	100.0-
	COMMUNICATION REPAIR P 5750							
	REPAIR & MAINTENANCE	1650			1650	50.0	1,650-	100.0-
326	SUPPLIES AND EXPENSES	10100		1656	8444	50.0 16.3	6,788-	67.2-

	PROFESSIONAL SERVICES								
369	OTHER PROFESSIONAL SER 6049	6650		5009	1641	50.0	75.3	3,367	50.6
369	PROFESSIONAL SERVICE	6650		5009	1641	50.0	75.3	3,367	50.6
	COMMUNICATIONS								
483	TELEPHONE AND TELEGRAP 6060	5000		3383	1617	50.0	67.6	1,765	35.3
	POSTAGE 6070								
483	COMMUNICATIONS	5000		3383	1617	50.0	67.6	1,765	35.3
	TRANSPORTATION								
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130								
	TRANSPORTATION								
	UTILITIES								
62	ELECTRICITY 6305	800		365	435	50.0	45.6	70-	8.7-
62	UTILITIES	800		365	435	50.0	45.6	70-	8.7-
	REPR/MAINT-OUTSIDE LABO								
	DISASTER REPAIRS 6351								
	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		440	1060	50.0	29.3	620-	41.3-
	REPR/MAINT-OUTSIDE L	1500		440	1060	50.0	29.3	620-	41.3-
	RENTALS								
	OFFICE EQUIPMENT RENT 6410								
	UNIFORM RENT 6430	650			650	50.0		650-	100.0-
100	MOP-MAT-RAG RENT 6435	1900		668	1232	50.0	35.1	564-	29.6-
100	RENTALS	2550		668	1882	50.0	26.1	1,214-	47.6-
	OTHER SERVICES & CHARGE								
	REGISTRATION FEE/TUITI 6845								
	LAUNDRY 6850								
	OTHER SERVICES & CHA								
1014	OTHER SERVICES & CHAR	16500		9866	6634	50.0	59.7	3,231	19.5
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS 7100								
	PUB.SERV./SANITA.BLDG 7100 18								
	BUILDINGS								
	BUILDING IMPROVEMENTS 7150								
	AUTOMATED FUEL CTR-BA 7150 03								
	BUILDING IMPROVEMEN								
	BUILDING/BLD IMPROVE								
	MACHINERY AND EQUIPMENT								
	HOUSEHOLD FURN/EQUIP. 7320								
	OFFICE FURN/EQUIP. 7325								
	DATA PROCESSING EQUIP. 7327								
	FUEL FAC.SOFTWARE/EQ 7328								

-----	MACHINERY AND EQUIPM	-----	-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	-----	-----	-----	-----	-----	-----	-----	-----
24834	EXPENDITURES	308471		130713	177758	50.0	42.3	47,045-	15.2-

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	...PROJECTED...	
ACTUAL		OBJ/SUB	BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN	ACTUAL	OVER/UNDER %
	SALARIES								
12182	REGULAR WAGES	4000	110262		52791	57471	50.0	47.8	4,680- 4.2-
	DISASTER RECOVERY WAGE	4010							
122	OVERTIME	4300	1800		522	1278	50.0	29.0	756- 42.0-
	DISASTER RECOVERY OVER	4310							
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12304	SALARIES		112062		53312	58750	50.0	47.5	5,438- 4.8-
	EMPLOYEE BENEFITS								
1938	STATE RETIREMENT	4600	17650		8397	9253	50.0	47.5	856- 4.8-
940	F.I.C.A. TAXES	4700	8580		4068	4512	50.0	47.4	444- 5.1-
2320	HOSPITALIZATION INS.	4800	31200		13920	17280	50.0	44.6	3,360- 10.7-
	UNEMPLOYMENT BENEFITS	4900	500			500	50.0		500- 100.0-
	WORKMAN'S COMPENSATION	4910	7500			7500	50.0		7,500- 100.0-
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5197	EMPLOYEE BENEFITS		65430		26385	39045	50.0	40.3	12,660- 19.3-
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17501	PERSONAL SERVICES		177492		79697	97795	50.0	44.9	18,098- 10.1-
	OPERATING SUPPLIES								
	CHEMICALS	5130	2000			2000	50.0		2,000- 100.0-
237	GAS AND OIL	5250	5000		1191	3809	50.0	23.8	2,618- 52.3-
	LUBRICANTS	5255							
	DIESEL FUEL	5257	500		7	493	50.0	1.4	485- 97.0-
232	WEARING APPAREL	5355	1200		232	968	50.0	19.3	735- 61.2-
907	CONCRETE, CEMENT, ETC.	5405	22300		6836	15465	50.0	30.6	8,628- 38.6-
	BRICK,STONE,MORTAR,ETC	5410	2000		1530	470	50.0	76.5	1,060 53.0
900	SAND,CLAY,GRVL,FILL DI	5415	2500		900	1600	50.0	36.0	700- 28.0-
1567	DRAINAGE PIPE & CULVER	5420	24000		22588	1412	50.0	94.1	21,176 88.2
	HORT./LANDSCAPING SPLY	5440							
	HAND TOOLS	5450	1000			1000	50.0		1,000- 100.0-
	MINOR EQUIPMENT	5460	1400			1400	50.0		1,400- 100.0-
454	OTHER OPERATING MATL/S	5590	1200	8	673	519	50.0	56.0	146 12.1
	OTHER OPER.MATL-BROWNS	5591							
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4297	OPERATING SUPPLIES		63100	8	33957	29136	50.0	53.8	4,814 7.6
	REPAIR & MAINTENANCE SP								
	STRUCTURAL STEEL & IRO	5620							
	MTR VEHICLE REP. PTS/S	5700	700			700	50.0		700- 100.0-
	COMMUNICATION REPAIR P	5750							
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	REPAIR & MAINTENANCE		700			700	50.0		700- 100.0-
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4297	SUPPLIES AND EXPENSES		63800	8	33957	29836	50.0	53.2	4,114 6.4
	PROFESSIONAL SERVICES								
	CONSULTANT SERV-BROWNS	6020							
	OTHER PROFESSIONAL SER	6049	44702		1400	43302	50.0	3.1	41,902- 93.7-
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	PROFESSIONAL SERVICE		44702		1400	43302	50.0	3.1	41,902- 93.7-
	TRANSPORTATION								
	TRVL EXP-BROWNSFIELD P	6116							

	MACHINERY AND EQUIPM								
	VEHICLES								
	PICK UP TRUCKS	7420							
	DUMP TRUCKS	7440							
	VEHICLES								
	CAPITAL OUTLAY	1389450		498963	890487	50.0	35.9	391,524-	28.1-
21798	EXPENDITURES	1871444	8	614016	1257420	50.0	32.8	643,412-	34.3-

001207 - GENERAL FUND-CONSTRUCTION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	SALARIES						
53160	REGULAR WAGES 4000	468788		230908	237880	50.0 49.2	6,971- 1.4-
	DISASTER RECOVERY WAGE 4010						
426	OVERTIME 4300	8000		3873	4127	50.0 48.4	254- 3.1-
	DISASTER RECOVERY OVER 4310						
53586	SALARIES	476788		234781	242007	50.0 49.2	7,225- 1.5-
	EMPLOYEE BENEFITS						
8440	STATE RETIREMENT 4600	75100		36983	38117	50.0 49.2	1,134- 1.5-
4030	F.I.C.A. TAXES 4700	36480		17505	18975	50.0 47.9	1,470- 4.0-
8705	HOSPITALIZATION INS. 4800	124800		52230	72570	50.0 41.8	20,340- 16.2-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	50.0	500- 100.0-
	WORKMAN'S COMPENSATION 4910	45000			45000	50.0	45,000- 100.0-
21175	EMPLOYEE BENEFITS	281880		106719	175161	50.0 37.8	68,442- 24.2-
74761	PERSONAL SERVICES	758668		341500	417168	50.0 45.0	75,667- 9.9-
	OFFICE SUPPLIES						
	PAPER 5003						
	PRINTED FORMS 5005						
	OTHER EXPENDABLE OFF.S 5010						
	MINOR OFFICE EQUIP/FUR 5020	3400		123	3277	50.0 3.6	3,154- 92.7-
	SUBSCRIPTIONS, MAGS, MAP 5050						
	BOOKS 5070	150			150	50.0	150- 100.0-
	OFFICE SUPPLIES	3550		123	3427	50.0 3.4	3,304- 93.0-
	OPERATING SUPPLIES						
	CLEANING/JANITORIAL SP 5100						
	CHEMICALS 5130						
1472	GAS AND OIL 5250	23150		9598	13552	50.0 41.4	3,953- 17.0-
	LUBRICANTS 5255	400			400	50.0	400- 100.0-
	DIESEL FUEL 5257	1200		168	1032	50.0 14.0	864- 72.0-
	WEARING APPAREL 5355	750		44	706	50.0 5.8	662- 88.2-
	CONCRETE, CEMENT, ETC. 5405	1100			1100	50.0	1,100- 100.0-
	SAND, CLAY, GRVL, FILL DI 5415						
	DRAINAGE PIPE & CULVER 5420						
	HORT./LANDSCAPING SPLY 5440						
	HAND TOOLS 5450	8800		563	8237	50.0 6.3	7,674- 87.2-
	MINOR EQUIPMENT 5460	7200			7200	50.0	7,200- 100.0-
	TRAFFIC SIGNS 5545						
450	OTHER OPERATING MATL/S 5590	6200	1,484	2833	1883	50.0 45.6	533- 8.5-
1922	OPERATING SUPPLIES	48800	1,484	13207	34110	50.0 27.0	22,385- 45.8-
	REPAIR & MAINTENANCE SP						
	BUILDING MATERIALS & S 5600	17400	2,710	14487	203	50.0 83.2	11,574 66.5
683	ELECTRICAL SUPPLIES 5605	9500	599	3628	5273	50.0 38.1	2,243- 23.6-
148	PLUMBING SUPPLIES 5610	3000		969	2031	50.0 32.3	1,062- 35.4-
	STRUCTURAL STEEL & IRO 5620	750			750	50.0	750- 100.0-
	PAINT AND PAINTING SPL 5650	3300		25	3275	50.0 .7	3,249- 98.4-
662	MTR VEHICLE REP. PTS/S 5700	8800		2017	6783	50.0 22.9	4,765- 54.1-

	GENERATOR REP. PTS/SPL	5705							
	COMMUNICATION REPAIR P	5750	1000		1000	50.0		1,000-	100.0-
	AGRICLTRL REPAIR PTS/S	5755	500		500	50.0		500-	100.0-
	EXPENDABLE WELDING SPL	5770							
	OTHER REPAIR/MAINT. SP	5990	9700	2435	7265	50.0	25.1	4,830-	49.7-
1493	REPAIR & MAINTENANCE		53950	3,309	23561	50.0	43.6	6,828-	12.6-
	REPR PARTS/SUPPLIES								
	REPR/MAINT SPL-EATON S	5991 01							
	REPR/MAINT SPL-DOWNTOW	5991 02	50000	4,750	17178	50.0	34.3	15,644-	31.2-
	DISASTER REPAIR SUPPLI	5995	100		100	50.0		100-	100.0-
	8/29/05-HURRICANE KAT	5995 01							
	9/1/08-HURRICANE GUST	5995 02							
	DISASTER REPAIR SUP		100		100	50.0		100-	100.0-
	8/29/05 STORM SUPPLIES	5996							
	8/29 CHEMICALS PW8226	5996 01							
	8/29 ALLIED BLD PW340	5996 02							
	8/29/05 STORM SUPPL								
	REPR PARTS/SUPPLIES		50100	4,750	17178	50.0	34.2	15,744-	31.4-
3415	SUPPLIES AND EXPENSES		156400	9,543	54069	50.0	34.5	48,262-	30.8-
	PROFESSIONAL SERVICES								
	DEMOLITION	6013							
	ENGINEERING	6015							
	PROFESSIONAL SERVICE								
121	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP	6060	2200	845	1355	50.0	38.4	510-	23.1-
121	COMMUNICATIONS		2200	845	1355	50.0	38.4	510-	23.1-
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	1000		1000	50.0		1,000-	100.0-
	FREIGHT	6120							
	TRANSPORTATION		1000		1000	50.0		1,000-	100.0-
	ADVERTISING								
	ADVERTISING	6150							
	ADVERTISING								
	INSURANCE								
	AUTOMOBILE INSURANCE	6265							
	INSURANCE								
	UTILITIES								
	GAS	6300							
217	ELECTRICITY	6305	12000	1893	10107	50.0	15.7	8,214-	68.4-
217	UTILITIES		12000	1893	10107	50.0	15.7	8,214-	68.4-
	REPR/MAINT-OUTSIDE LABO								
	8/29/05 FACILITY REPRS	6351							
	8/29 TEMP ROOFS PW733	6351 01							
	8/29 ZOO ED CTR PW342	6351 02							
	8/29 AIRPORT PW2275	6351 03							
	8/29 ZOO GAZEBO PW194	6351 04							
	8/29 TRAIN DEP.PW1166	6351 05							

8/29 BURGR ROOF PW510 6351 06
 8/29 AIRPORT PW6184 6351 07
 8/29 P&F TRNG PW5158 6351 08
 8/29 MAIN ROOF PW4465 6351 09
 8/29 CONCESS RF PW447 6351 10
 8/29 P&F TRNG PW5136 6351 11
 8/29 SEWERS PW220 6351 12
 8/29 WATER PW6379 6351 13
 8/29 PLT 2 PW3427 6351 14
 8/29 HPD PW474 6351 15
 8/29 FIRE STA PW8294 6351 16
 8/29 DAHMER PW1298 6351 17
 8/29 DAHMER PW738 6351 18
 8/29 DAHMER PW1269 6351 19
 8/29 FIRE STA#8 PW444 6351 20
 8/29 SOFTBALL PW736 6351 21
 8/29 CAMERON FL PW730 6351 22
 8/29 GARDEN CTR PW176 6351 23
 8/29 AIRPORT PW3411 6351 24
 8/29 AIRPORT PW3459 6351 25
 8/29 CITY HALL PW1325 6351 26
 8/29 LAGOON PW712 6351 27
 8/29 TIMBERTON PW719 6351 28
 8/29 HIGHLAND PW717 6351 29
 8/29 TENNIS ROOF PW72 6351 30
 8/29 AVIARY EXH PW742 6351 31
 8/29 P&F ACA RF PW419 6351 32
 8/29 COMPUTER6259/512 6351 33
 8/29 WTR/SWR PW5492 6351 34
 8/29 ROOF5492/295/117 6351 35
 8/29 SPILLWAY PW7763 6351 36
 8/29 PUB SER FAC PW48 6351 37
 8/29 TRAF/CONST PW790 6351 38
 8/29 CUL CTR RF PW332 6351 39

 8/29/05 FACILITY RE
 8/29/05 STORM REPAIRS 6353
 8/29/05 INFRAST REPRS 6354
 8/29 TREE HAZ PW4667 6354 01
 8/29 ROE PW 4667 6354 02
 8/29 TRAFFIC SIGNS,SI 6354 03
 8/29 NRCS DITCH CLEAR 6354 04
 8/29 STREET REPAIRS 6354 05
 8/29 LAGOON REPR WORK 6354 06
 8/29 DEBRIS REMOVAL 6354 07
 8/29 EMER SIGN INV & 6354 08
 8/29 ROAD ASSESS & EN 6354 09
 8/29 TRAF SIGNS PW508 6354 10
 8/29 GENERATRS PW225- 6354 11
 8/29 GENERATORS PW701 6354 12
 8/29 BANK STABL PWXXX 6354 13

 8/29/05 INFRAST REP
 STREETS & STRUCTURES R 6360
 OFFICE EQUIPMENT R&M 6365
 MINOR EQUIPMENT R&M 6382
 GENERATOR R&M 6383
 MOTOR VEHICLE EQ. R&M 6384
 AGRICULTURAL EQ. R&M 6387

225

63000
4600

2185

63000
2415

50.0
50.0 47.5

63,000- 100.0-
229- 4.9-

	COMMUNICATION EQ. R&M	6390	400	186	214	50.0	46.5	28-	7.0-
	DOWNTOWN LIGHTS R&M	6391	4432		4432	50.0		4,432-	100.0-
	DISINFECT./EXTERMINATI	6394	200		200	50.0		200-	100.0-
	REPRS/MAINT-EATON SCHL	6395							
	TOW IN CHARGES	6398	200		200	50.0		200-	100.0-
	OTHER REPAIRS AND MAIN	6399	800		800	50.0		800-	100.0-
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225	REPR/MAINT-OUTSIDE L		73632	2371	71261	50.0	3.2	68,889-	93.5-
	RENTALS								
	LAND RENT	6400							
	MACHINERY RENT	6420							
	CYLINDER RENT	6425	550		550	50.0		550-	100.0-
311	UNIFORM RENT	6430	3350	2270	1080	50.0	67.7	1,189	35.4
	OTHER RENT	6449	200		200	50.0		200-	100.0-
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311	RENTALS		4100	2270	1830	50.0	55.3	439	10.7
	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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874	OTHER SERVICES & CHAR		92932	7379	85553	50.0	7.9	78,174-	84.1-
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	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							
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	BUILDING IMPROVEMEN								
-----			-----	-----	-----	-----	-----	-----	-----
	BUILDING/BLD IMPROVE								
	IMPROVEMENT OTHER THAN								
	DRAINS	7215							
	OTHER IMPROVEMENTS	7295							
	EAST JERUSALEM COMM C	7295 07							
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	OTHER IMPROVEMENTS								
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	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	8/29/05 STORM EQUIP	7302							
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	AGRICULTURAL EQUIPMENT	7335							
	CONSTRUCTION EQUIPMENT	7345							
	COMMUNICATION EQUIPMEN	7355							

	PIPE	7370							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	DUMP TRUCKS	7440							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
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79050	EXPENDITURES		1008000	9,543	402948	595510	50.0	39.9	202,104- 20.0-

5715	MTR VEHICLE REP. PTS/S	5700	92356	418	37120	54818	50.0	40.1	18,115-	19.6-
	COMMUNICATION REPAIR P	5750	200			200	50.0		200-	100.0-
	EXPENDABLE WELDING SPL	5770								
	MINOR COMPUTER EQUIP.	5800								
	OTHER REPAIR/MAINT. SP	5990								
5715	REPAIR & MAINTENANCE		94856	418	37205	57233	50.0	39.2	20,446-	21.5-
20705	SUPPLIES AND EXPENSES		291696	2,126	129354	160216	50.0	44.3	32,988-	11.3-
	PROFESSIONAL SERVICES									
	ENGINEERING	6015								
	CONSULTANT SERV/SURVEY	6020								
	OTHER PROFESSIONAL SER	6049	5850		273	5577	50.0	4.6	5,304-	90.6-
	PROFESSIONAL SERVICE		5850		273	5577	50.0	4.6	5,304-	90.6-
	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060								
	POSTAGE	6070								
	COMMUNICATIONS									
	TRANSPORTATION									
	TRAVEL EXPENSE	6110								
246	FREIGHT	6120	2505		2296	209	50.0	91.6	2,087	83.3
246	TRANSPORTATION		2505		2296	209	50.0	91.6	2,087	83.3
	ADVERTISING									
	ADVERTISING	6150								
1260	ADVERTISING-RECYCLING	6150 01	10345		4831	5514	50.0	46.6	682-	6.5-
1260	ADVERTISING		10345		4831	5514	50.0	46.6	682-	6.5-
	PRINTING AND BINDING									
	FILM PROCESSING	6240								
	PRINTING AND BINDING									
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	AUTOMOBILE INSURANCE	6265								
	INSURANCE									
	UTILITIES									
346	ELECTRICITY	6305			2880	2880-			5,760	
	WATER	6315								
346	UTILITIES				2880	2880-			5,760	
	REPR/MAINT-OUTSIDE LABO									
	PLUMBING EQUIPMENT R&M	6357								
	OFFICE EQUIPMENT R&M	6365								
	FIXED EQUIPMENT R&M	6380	1000			1000	50.0		1,000-	100.0-
	MINOR EQUIPMENT R&M	6382	2800			2800	50.0		2,800-	100.0-
5088	MOTOR VEHICLE EQ. R&M	6384	78700	5,146	50433	23121	50.0	64.0	22,166	28.1
	COMMUNICATION EQ. R&M	6390								
	DISINFECT./EXTERMINATI	6394	50			50	50.0		50-	100.0-
	TOW IN CHARGES	6398	2200		1300	900	50.0	59.0	400	18.1
	OTHER REPAIRS AND MAIN	6399	2300			2300	50.0		2,300-	100.0-
5088	REPR/MAINT-OUTSIDE L		87050	5,146	51733	30171	50.0	59.4	16,416	18.8
	RENTALS									
	LAND RENT	6400								

1311	UNIFORM RENT	6430	10200	6127	4073	50.0	60.0	2,054	20.1
72	MOP-MAT-RAG RENT	6435	1000	558	442	50.0	55.8	116	11.6
1383	RENTALS		11200	6684	4516	50.0	59.6	2,168	19.3
	OTHER SERVICES & CHARGE								
34941	TIPPING FEES	6880	650000	263596	386404	50.0	40.5	122,807-	18.8-
16728	TIPPING/DISPOSAL OTHER	6885	140000	90853	49147	50.0	64.8	41,706	29.7
835	RECYCLING FEES	6890	133200	5206	127995	50.0	3.9	122,787-	92.1-
	SERVICES NOT SPECIFIED	6999	1800	584	616	50.0	32.4	632-	35.1-
52504	OTHER SERVICES & CHA		925000	600	360240	50.0	38.9	204,520-	22.1-
60827	OTHER SERVICES & CHAR		1041950	5,746	428938	50.0	41.1	184,073-	17.6-
	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							
	OTHER EQUIPMENT-RECYCL	7399 01							
	MACHINERY AND EQUIPM								
	VEHICLES								
	PICK UP TRUCKS	7420							
	HEAVY TRUCKS	7430							
	SANITATION TRUCKS	7460							
	VEHICLES								
	CAPITAL OUTLAY								
220213	EXPENDITURES		2831137	7,872	1178037	50.0	41.6	475,063-	16.7-

001221 - GENERAL FUND-STREET CLEANING

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
6012	REGULAR WAGES 4000	53404		26052	27352	50.0 48.7	1,300-	2.4-
	DISASTER RECOVERY WAGE 4010							
255	OVERTIME 4300	1500		411	1089	50.0 27.4	678-	45.2-
	DISASTER RECOVERY OVER 4310							
6267	SALARIES	54904		26463	28441	50.0 48.1	1,978-	3.6-
EMPLOYEE BENEFITS								
987	STATE RETIREMENT 4600	8650		4168	4482	50.0 48.1	313-	3.6-
479	F.I.C.A. TAXES 4700	4200		2020	2180	50.0 48.0	159-	3.7-
1160	HOSPITALIZATION INS. 4800	15600		6960	8640	50.0 44.6	1,680-	10.7-
	UNEMPLOYMENT BENEFITS 4900	500			500	50.0	500-	100.0-
	WORKMAN'S COMPENSATION 4910	2300			2300	50.0	2,300-	100.0-
2626	EMPLOYEE BENEFITS	31250		13148	18102	50.0 42.0	4,954-	15.8-
8892	PERSONAL SERVICES	86154		39611	46543	50.0 45.9	6,932-	8.0-
OPERATING SUPPLIES								
	GAS AND OIL 5250							
	LUBRICANTS 5255							
626	DIESEL FUEL 5257	7200		3619	3581	50.0 50.2	38	.5
	WEARING APPAREL 5355							
	HAND TOOLS 5450							
	MINOR EQUIPMENT 5460	4600			4600	50.0	4,600-	100.0-
	OTHER OPERATING MATL/S 5590	4000			4000	50.0	4,000-	100.0-
626	OPERATING SUPPLIES	15800		3619	12181	50.0 22.9	8,561-	54.1-
REPAIR & MAINTENANCE SP								
	PAINT AND PAINTING SPL 5650							
210	MTR VEHICLE REP. PTS/S 5700	3400	1,807	453	1140	50.0 13.3	2,494-	73.3-
210	REPAIR & MAINTENANCE	3400	1,807	453	1140	50.0 13.3	2,494-	73.3-
836	SUPPLIES AND EXPENSES	19200	1,807	4072	13321	50.0 21.2	11,055-	57.5-
TRANSPORTATION								
	FREIGHT 6120	200			200	50.0	200-	100.0-
TRANSPORTATION								
	ADVERTISING	200			200	50.0	200-	100.0-
	ADVERTISING 6150							
ADVERTISING								
INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255							
	AUTOMOBILE INSURANCE 6265							
INSURANCE								
	REPR/MAINT-OUTSIDE LABO							
	MOTOR VEHICLE EQ. R&M 6384	1000	42		958	50.0	1,000-	100.0-

COMMUNICATION EQ. R&M	6390								
TOW IN CHARGES	6398	500			500	50.0		500-	100.0-
REPR/MAINT-OUTSIDE L		1500	42		1458	50.0		1,500-	100.0-
RENTALS									
UNIFORM RENT	6430	900			900	50.0		900-	100.0-
RENTALS		900			900	50.0		900-	100.0-
OTHER SERVICES & CHARGE									
SERVICES NOT SPECIFIED	6999								
OTHER SERVICES & CHA									
OTHER SERVICES & CHAR		2600	42		2558	50.0		2,600-	100.0-
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									
9729 EXPENDITURES		107954	1,849	43683	62422	50.0	40.4	20,588-	19.0-

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
34882	REGULAR WAGES	4000	360406		152733	207673	50.0 42.3	54,940-	15.2-
	DISASTER RECOVERY WAGE	4010							
520	OVERTIME	4300	10000		2394	7606	50.0 23.9	5,212-	52.1-
	DISASTER RECOVERY OVER	4310							
-----			-----	-----	-----	-----	-----	-----	-----
35402	SALARIES		370406		155127	215279	50.0 41.8	60,152-	16.2-
	EMPLOYEE BENEFITS								
5576	STATE RETIREMENT	4600	58340		24433	33908	50.0 41.8	9,473-	16.2-
2689	F.I.C.A. TAXES	4700	28340		11750	16590	50.0 41.4	4,840-	17.0-
7540	HOSPITALIZATION INS.	4800	114000		41760	72240	50.0 36.6	30,480-	26.7-
	UNEMPLOYMENT BENEFITS	4900	3500		1138	2362	50.0 32.5	1,223-	34.9-
	WORKMAN'S COMPENSATION	4910	14900			14900	50.0	14,900-	100.0-
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15805	EMPLOYEE BENEFITS		219080		79081	139999	50.0 36.0	60,917-	27.8-
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51207	PERSONAL SERVICES		589486		234207	355279	50.0 39.7	121,072-	20.5-
	OFFICE SUPPLIES								
	OTHER EXPENDABLE OFF.S	5010							
-----			-----	-----	-----	-----	-----	-----	-----
	OFFICE SUPPLIES								
	OPERATING SUPPLIES								
	MEDICAL SUPPLIES	5120							
	CHEMICALS	5130	130000		22235	107765	50.0 17.1	85,530-	65.7-
	CHEMICALS-MOSQUITO GRA	5135							
1370	GAS AND OIL	5250	21000		11117	9883	50.0 52.9	1,233	5.8
	LUBRICANTS	5255							
138	DIESEL FUEL	5257	3000		2882	118	50.0 96.0	2,763	92.1
	OTHER FUEL	5260							
189	WEARING APPAREL	5355	700		189	511	50.0 27.0	322-	46.0-
	HAND TOOLS	5450	1000		577	423	50.0 57.7	154	15.4
390	MINOR EQUIPMENT	5460	1400		1393	7	50.0 99.5	1,386	99.0
	HAZ.MAT SUP-DOMESTIC P	5466							
	OTHER OPERATING MATL/S	5590	1700		1675	25	50.0 98.5	1,650	97.0
-----			-----	-----	-----	-----	-----	-----	-----
2087	OPERATING SUPPLIES		158800		40069	118731	50.0 25.2	78,661-	49.5-
	REPAIR & MAINTENANCE SP								
	ELECTRICAL SUPPLIES	5605							
	PLUMBING SUPPLIES	5610							
	PAINT AND PAINTING SPL	5650							
967	MTR VEHICLE REP. PTS/S	5700	8450	62	5554	2834	50.0 65.7	2,658	31.4
	COMMUNICATION REPAIR P	5750							
	AGRICLTRL REPAIR PTS/S	5755	300			300	50.0	300-	100.0-
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967	REPAIR & MAINTENANCE		8750	62	5554	3134	50.0 63.4	2,358	26.9
-----			-----	-----	-----	-----	-----	-----	-----
3054	SUPPLIES AND EXPENSES		167550	62	45623	121865	50.0 27.2	76,304-	45.5-
	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								
443	MINOR EQUIPMENT R&M 6382	1600		1600	50.0		1,600-	100.0-	
	MOTOR VEHICLE EQ. R&M 6384	2200	1879	321	50.0 85.4		1,558	70.8	
	AGRICULTURAL EQ. R&M 6387	400	200	200	50.0 50.0				
	COMMUNICATION EQ. R&M 6390	800		800	50.0		800-	100.0-	
	TOW IN CHARGES 6398	200		200	50.0		200-	100.0-	
443	REPR/MAINT-OUTSIDE L	5200	2079	3121	50.0 39.9		1,042-	20.0-	
	RENTALS								
	UNIFORM RENT 6430	3000	2949	51	50.0 98.3		2,898	96.6	
	RENTALS	3000	2949	51	50.0 98.3		2,898	96.6	
	OTHER SERVICES & CHARGE								
	REGISTRATION FEE/TUITI 6845	500		500	50.0		500-	100.0-	
	SERVICES NOT SPECIFIED 6999								
	OTHER SERVICES & CHA	500		500	50.0		500-	100.0-	
443	OTHER SERVICES & CHAR	8700	5028	3672	50.0 57.7		1,356	15.5	
	MACHINERY AND EQUIPMENT								
	AGRICULTURAL EQUIPMENT 7335								
	EQUIP-MOSQUITO GRANT 7377								
	OTHER EQUIPMENT 7399								
	MACHINERY AND EQUIPM								
	VEHICLES								
	PICK UP TRUCKS 7420								
	DUMP TRUCKS 7440								
	SPECIAL TRUCKS 7450								
	VEHICLES								
	CAPITAL OUTLAY								
54704	EXPENDITURES	765736	62	284859	480815	50.0 37.2	196,018-	25.5-	

001260 - GENERAL FUND-ANIMAL CONTROL

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
8659	REGULAR WAGES 4000	98454		38017	60437	50.0 38.6	22,419-	22.7-
	DISASTER RECOVERY WAGE 4010							
169	OVERTIME 4300	2000		754	1246	50.0 37.7	491-	24.5-
	DISASTER RECOVERY OVER 4310							
8829	SALARIES	100454		38771	61683	50.0 38.5	22,912-	22.8-
	EMPLOYEE BENEFITS							
1391	STATE RETIREMENT 4600	15830		6106	9724	50.0 38.5	3,617-	22.8-
664	F.I.C.A. TAXES 4700	7690		2910	4780	50.0 37.8	1,870-	24.3-
1740	HOSPITALIZATION INS. 4800	31200		8120	23080	50.0 26.0	14,960-	47.9-
	UNEMPLOYMENT BENEFITS 4900	500			500	50.0	500-	100.0-
	WORKMAN'S COMPENSATION 4910	1400			1400	50.0	1,400-	100.0-
3795	EMPLOYEE BENEFITS	56620		17136	39484	50.0 30.2	22,348-	39.4-
12623	PERSONAL SERVICES	157074		55907	101167	50.0 35.5	45,260-	28.8-
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005							
114	OTHER EXPENDABLE OFF.S 5010	500		314	186	50.0 62.8	127	25.4
	MINOR OFFICE EQUIP/FUR 5020							
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080	200			200	50.0	200-	100.0-
114	OFFICE SUPPLIES	700		314	386	50.0 44.8	72-	10.2-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130							
333	GAS AND OIL 5250	7000		2566	4434	50.0 36.6	1,867-	26.6-
	LUBRICANTS 5255							
	WEARING APPAREL 5355	2500		1420	1080	50.0 56.8	340	13.6
	HORT./LANDSCAPING SPLY 5440							
	HAND TOOLS 5450	1200			1200	50.0	1,200-	100.0-
	MINOR EQUIPMENT 5460	500		400	100	50.0 80.0	300	60.0
	OTHER OPERATING MATL/S 5590							
333	OPERATING SUPPLIES	11200		4385	6815	50.0 39.1	2,430-	21.6-
	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	3500			3500	50.0	3,500-	100.0-

COMMUNICATION REPAIR P 5750									
OTHER REPAIR/MAINT. SP 5990									
	REPAIR & MAINTENANCE	3500			3500	50.0		3,500-	100.0-
447	SUPPLIES AND EXPENSES	15400		4699	10701	50.0	30.5	6,001-	38.9-
	PROFESSIONAL SERVICES								
	VETERINARIAN 6030	2000			2000	50.0		2,000-	100.0-
	OTHER PROFESSIONAL SER 6049								
	PROFESSIONAL SERVICE	2000			2000	50.0		2,000-	100.0-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060	500		110	390	50.0	22.0	280-	56.0-
	POSTAGE 6070								
	COMMUNICATIONS	500		110	390	50.0	22.0	280-	56.0-
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	800			800	50.0		800-	100.0-
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130								
	TRANSPORTATION	800			800	50.0		800-	100.0-
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200	200			200	50.0		200-	100.0-
	PRINTING AND BINDING	200			200	50.0		200-	100.0-
	INSURANCE								
	AUTOMOBILE INSURANCE 6265								
	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	ELECTRICAL R&M 6355								
	PLUMBING EQUIPMENT R&M 6357								
	OFFICE EQUIPMENT R&M 6365								
	HOUSEHOLD EQUIPMENT R& 6370								
	FIXED EQUIPMENT R&M 6380								
	MINOR EQUIPMENT R&M 6382								
698	MOTOR VEHICLE EQ. R&M 6384	1400		923	477	50.0	65.9	445	31.7
	COMMUNICATION EQ. R&M 6390								
	CLEANING AND PAINTING 6392								
	DISINFECT./EXTERMINATI 6394								
	SIGN PAINTING 6396								
	TOW IN CHARGES 6398	100		55	45	50.0	55.0	10	10.0
	OTHER REPAIRS AND MAIN 6399								
698	REPR/MAINT-OUTSIDE L	1500		978	522	50.0	65.2	456	30.4
	RENTALS								
	OTHER RENT 6449								
	RENTALS								
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840	125			125	50.0		125-	100.0-
	REGISTRATION FEE/TUITI 6845	1800			1800	50.0		1,800-	100.0-

-----	SERVICES NOT SPECIFIED 6999	149760	-----	62730	87030	50.0	41.8	24,300-	16.2-
-----	OTHER SERVICES & CHA	151685	-----	62730	88955	50.0	41.3	26,225-	17.2-
-----	698 OTHER SERVICES & CHAR	156685	-----	63817	92868	50.0	40.7	29,050-	18.5-
-----	MACHINERY AND EQUIPMENT		-----						
	HOUSEHOLD FURN/EQUIP. 7320								
	OFFICE FURN/EQUIP. 7325								
	DATA PROCESSING EQUIP. 7327								
	COMMUNICATION EQUIPMEN 7355								
	OTHER EQUIPMENT 7399								
-----	MACHINERY AND EQUIPM		-----						
	VEHICLES								
	AUTOMOBILES 7400								
	PICK UP TRUCKS 7420								
-----	VEHICLES		-----						
-----	CAPITAL OUTLAY		-----						
-----	13768 EXPENDITURES	329159	-----	124424	204735	50.0	37.8	80,311-	24.3-

001280 - GENERAL FUND-HUMAN/SOC.ASST

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	50.0	3,500- 100.0-
	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	50.0	106,380- 100.0-
	CTR FOR CHILD ABUSE P 6820 23	5000			5000	50.0	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	50.0	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						
	HATTIESBURG ARTS CENT 6820 44						
	PRC-MY BEST PROGRAM 6820 46	15000			15000	50.0	15,000- 100.0-
	R3SM 6820 47	25000			25000	50.0	25,000- 100.0-
	SUMMER JOB INTERNSHIP 6820 48	20000			20000	50.0	20,000- 100.0-
	UNALLOCATED CONTRIBUT 6820 99	15000			15000	50.0	15,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	CONTRIBUTIONS	239880			239880	50.0	239,880- 100.0-
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	OTHER SERVICES & CHA	239880			239880	50.0	239,880- 100.0-

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	OTHER SERVICES & CHAR	239880			239880	50.0		239,880- 100.0-
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	EXPENDITURES	239880			239880	50.0		239,880- 100.0-

001402 - GENERAL FUND-ECONOMIC DEV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	PROFESSIONAL SERVICES								
	OTHER PROFESSIONAL SER 6049								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE								
	TRANSPORTATION								
	TRAVEL-ALL AMER.CITY A 6110								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	TRANSPORTATION								
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	REPR/MAINT-OUTSIDE L								
	OTHER SERVICES & CHARGE								
	CONTRIBUTIONS 6820								
	FCIPC/AREA DEV. PRTNR 6820 01	250000		150000	100000	50.0	60.0	50,000	20.0
	PRCC TECH CENTER 6820 02								
	FCIPC/ECONOMIC DEVEL. 6820 03								
	H'BURG DOWNTOWN ASSN 6820 37	55000			55000	50.0		55,000-	100.0-
	CAMP SHELBY STUDY 6820 45								
	PHWD-FEASIBILITY STUD 6820 50								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	CONTRIBUTIONS	305000		150000	155000	50.0	49.1	5,000-	1.6-
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA	305000		150000	155000	50.0	49.1	5,000-	1.6-
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR	305000		150000	155000	50.0	49.1	5,000-	1.6-
	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS 7150								
	DOWNTOWN PROJ-OLD LIB 7150 14								
	DEPOT PROJECT 7150 15								
	HUB CITY LOFTS PROJEC 7150 41								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	BUILDING IMPROVEMEN								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	BUILDING/BLD IMPROVE								
	VEHICLES								
	TROLLEYS 7415								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	305000		150000	155000	50.0	49.1	5,000-	1.6-

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

....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		10782	10784	50.0	49.9	2-	
	MDB-4TH ST WIDENING	8223 07								
	MDB-CHAIN PARK	8223 08								
22492	MDB-HUB CITY LOFTS	8223 09	90193		44871	45322	50.0	49.7	451-	.5-
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24289	MDB CAPITAL PROJECT		111759		55653	56106	50.0	49.7	453-	.4-
	W&S USA YEAST 2002"B"N	8224								
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24289	NOTE PRINCIPAL		111759		55653	56106	50.0	49.7	453-	.4-
	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								
408	MDB-CHURCH PROJ	8333 06	5500		2490	3010	50.0	45.2	520-	9.4-
	MDB-4TH ST WIDENING	8333 07								
	MDB-CHAIN PARK	8333 08								
7861	MDB-HUB CITY LOFTS	8333 09	31219		15835	15384	50.0	50.7	451	1.4
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8269	MDB CAPITAL PROJECT		36719		18325	18394	50.0	49.9	68-	.1-
	W&S USA YEAST 2002"B"N	8334								
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8269	INTEREST ON NOTES		36719		18325	18394	50.0	49.9	68-	.1-
	PAYING AGENT FEES									
	LEASE ISSUES	8401	3000		3000		50.0	100.0	3,000	100.0
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	PAYING AGENT FEES		3000		3000		50.0	100.0	3,000	100.0
	CAPITAL LEASE PAYMENTS									
	COMPUTER LEASE-INFO.SY	8510								
	COMPUTER LEASE-POLICE	8511								
	POLICE CARS LEASE	8512	576000			576000	50.0		576,000-	100.0-
	EMER GENERATORS LEASE	8513								
	2012 EQUIP LEASE	8514								
	BUILDING LEASE	8515	900000			900000	50.0		900,000-	100.0-
	PUBLIC SAFETY COMPLEX	8516	175000		175000		50.0	100.0	175,000	100.0
	ENERGY PERFORMANCE IMP	8519	329665		163778	165887	50.0	49.6	2,109-	.6-
40670	SANITATION TRUCKS LEAS	8520	489020		243216	245804	50.0	49.7	2,588-	.5-
	SANITATION CANS LEASE	8521								

	SPECIAL TRUCKS LEASE	8523	52000		52000	50.0		52,000-	100.0-
	DUMP TRUCK LEASE	8525							
	DOWNTOWN LIGHTING	8531							
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40670	CAPITAL LEASE PAYMEN		2521685		581995	1939690	50.0 23.0	1,357,694-	53.8-
	INTEREST ON CAPITAL LEA								
	COMPUTER LEASE-INFO SY	8610							
	COMPUTER LEASE-POLICE	8611							
	POLICE CARS LEASE	8612	18000		18000	50.0		18,000-	100.0-
	EMER GENERATORS LEASE	8613							
	2012 EQUIP LEASE	8614							
	BUILDING LEASE	8615							
	PUBLIC SAFETY COMPLEX	8616	228025	116200	111825	50.0 50.9		4,375	1.9
	ENERGY PERFORMANCE IMP	8619	193982	98044	95938	50.0 50.5		2,106	1.0
706	SANITATION TRUCKS LEAS	8620	7499	5043	2456	50.0 67.2		2,587	34.4
	SANITATION CANS LEASE	8621							
	SPECIAL TRUCKS LEASE	8623	3000		3000	50.0		3,000-	100.0-
	DUMP TRUCK LEASE	8625							
	DOWNTOWN LIGHTING	8631							
-----			-----	-----	-----	-----	-----	-----	-----
706	INTEREST ON CAPITAL		450506		219287	231219	50.0 48.6	11,932-	2.6-
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73934	DEBT SERVICE		3123669		878259	2245410	50.0 28.1	1,367,151-	43.7-
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73934	EXPENDITURES		3123669		878259	2245410	50.0 28.1	1,367,151-	43.7-

001500 - GENERAL FUND-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	TRANSFERS TO OTHER FUND						
1000000	T/T PARKS & RECREATION 9000 02	2570000		1570000	1000000	50.0 61.0	570,000 22.1
	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-CHAU 9000 22						
	T/T AIRPORT IMPROVEMEN 9000 39						
	T/T MASS TRANSIT OPER. 9000 73	230000		230000		50.0 100.0	229,999 99.9
	T/T W & S CONSTRUCTION 9000 75						
600000	T/T COMMUNITY CENTERS 9000 77	600000		600000		50.0 100.0	600,000 100.0
	T/T COMMUNITY DEVELOPM 9000 82						
	T/T '01 BOND CONSTR 9000 95						
	T/T MDB CAPITAL PROJ.F 9000 96						
	T/T KPZ CAPITAL 9000 98						
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1600000	TRANSFERS TO OTHER F	3400000		2400000	1000000	50.0 70.5	1,400,000 41.1
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1600000	TRANSFERS	3400000		2400000	1000000	50.0 70.5	1,400,000 41.1
-----		-----	-----	-----	-----	-----	-----
1600000	EXPENDITURES	3400000		2400000	1000000	50.0 70.5	1,400,000 41.1

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
6 Months Ending 03/31/18

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES									
5760	REGULAR WAGES	4000	50180		24000	26180	50.0	47.8	2,180-	4.3-
	DISASTER RECOVERY WAGE	4010								
9	OVERTIME	4300	1000		90	910	50.0	9.0	820-	82.0-
	DISASTER RECOVERY OVER	4310								
5769	SALARIES		51180		24090	27090	50.0	47.0	3,000-	5.8-
	EMPLOYEE BENEFITS									
909	STATE RETIREMENT	4600	8060		3794	4266	50.0	47.0	472-	5.8-
438	F.I.C.A. TAXES	4700	3920		1823	2097	50.0	46.5	274-	6.9-
1160	HOSPITALIZATION INS.	4800	15600		6670	8930	50.0	42.7	2,259-	14.4-
	UNEMPLOYMENT BENEFITS	4900	500			500	50.0		500-	100.0-
	WORKMAN'S COMPENSATION	4910	3000			3000	50.0		3,000-	100.0-
2506	EMPLOYEE BENEFITS		31080		12287	18793	50.0	39.5	6,506-	20.9-
8275	PERSONAL SERVICES		82260		36377	45883	50.0	44.2	9,506-	11.5-
	OPERATING SUPPLIES									
	CLEANING/JANITORIAL SP	5100	450			450	50.0		450-	100.0-
	CHEMICALS	5130	1000			1000	50.0		1,000-	100.0-
172	GAS AND OIL	5250	6500		2464	4036	50.0	37.9	1,571-	24.1-
	LUBRICANTS	5255	200			200	50.0		200-	100.0-
	DIESEL FUEL	5257	1000			1000	50.0		1,000-	100.0-
	ASPHALT & ASPHALT PROD	5400								
	CONCRETE, CEMENT, ETC.	5405								
	SAND,CLAY,GRVL,FILL DI	5415								
	HORT./LANDSCAPING SPLY	5440								
	HAND TOOLS	5450	500			500	50.0		500-	100.0-
	MINOR EQUIPMENT	5460	1300			1300	50.0		1,300-	100.0-
645	OTHER OPERATING MATL/S	5590	4400		1428	2972	50.0	32.4	1,544-	35.0-
817	OPERATING SUPPLIES		15350		3892	11458	50.0	25.3	7,565-	49.2-
	REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S	5600	1000			1000	50.0		1,000-	100.0-
661	ELECTRICAL SUPPLIES	5605	7450		1656	5794	50.0	22.2	4,138-	55.5-
	PLUMBING SUPPLIES	5610	700			700	50.0		700-	100.0-
	STRUCTURAL STEEL & IRO	5620								
	PAINT AND PAINTING SPL	5650								
	MTR VEHICLE REP. PTS/S	5700	1000	1,712		712-	50.0		1,000-	100.0-
	COMMUNICATION REPAIR P	5750								
	AGRICLTRL REPAIR PTS/S	5755	2000			2000	50.0		2,000-	100.0-
	EXPENDABLE WELDING SPL	5770	700			700	50.0		700-	100.0-
	OTHER REPAIR/MAINT. SP	5990	10000		7428	2572	50.0	74.2	4,856	48.5
661	REPAIR & MAINTENANCE		22850	1,712	9084	12054	50.0	39.7	4,682-	20.4-
1478	SUPPLIES AND EXPENSES		38200	1,712	12976	23512	50.0	33.9	12,247-	32.0-
	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								
	UTILITIES								
30	GAS 6300	1200		200	1000	50.0	16.6	800-	66.6-
1319	ELECTRICITY 6305	14000		7813	6187	50.0	55.8	1,626	11.6
	WATER 6315								
1348	UTILITIES	15200		8013	7187	50.0	52.7	826	5.4
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	1000			1000	50.0		1,000-	100.0-
	STREETS & STRUCTURES R 6360								
	FIXED EQUIPMENT R&M 6380	2000		1500	500	50.0	75.0	1,000	50.0
	MINOR EQUIPMENT R&M 6382	500			500	50.0		500-	100.0-
	GENERATOR R&M 6383								
	MOTOR VEHICLE EQ. R&M 6384	2000			2000	50.0		2,000-	100.0-
	CONSTRUCTION EQUIP R&M 6386								
	AGRICULTURAL EQ. R&M 6387	1000			1000	50.0		1,000-	100.0-
	COMMUNICATION EQ. R&M 6390								
	DISINFECT./EXTERMINATI 6394	800		180	620	50.0	22.5	440-	55.0-
	OTHER REPAIRS AND MAIN 6399	58550		19630	38920	50.0	33.5	19,289-	32.9-
	REPR/MAINT-OUTSIDE L	65850		21310	44540	50.0	32.3	23,229-	35.2-
	RENTALS								
	LAND RENT 6400								
	CYLINDER RENT 6425	200			200	50.0		200-	100.0-
	UNIFORM RENT 6430	750			750	50.0		750-	100.0-
	OTHER RENT 6449	2000			2000	50.0		2,000-	100.0-
	RENTALS	2950			2950	50.0		2,950-	100.0-
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840								
	REGISTRATION FEE/TUITI 6845	958			958	50.0		958-	100.0-
	SERVICES NOT SPECIFIED 6999	1000			1000	50.0		1,000-	100.0-
	OTHER SERVICES & CHA	1958			1958	50.0		1,958-	100.0-

-----	1348	OTHER SERVICES & CHAR	-----	85958	-----	29323	-----	56635	-----	50.0	34.1	-----	27,311-	-----	31.7-	
-----		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	-----		-----		-----		-----			-----		-----		
-----		VEHICLES	-----		-----		-----		-----			-----		-----		
-----		CAPITAL OUTLAY	-----		-----		-----		-----			-----		-----		
-----	11101	EXPENDITURES	-----	206418	-----	1,712	-----	78676	-----	126030	-----	50.0	38.1	-----	49,065-	23.7-

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
54693	REGULAR WAGES	4000	480313		222871	257442	50.0 46.4	34,570-	7.1-
	DISASTER RECOVERY WAGE	4010							
3744	OVERTIME	4300	19000		14565	4435	50.0 76.6	10,130	53.3
	DISASTER RECOVERY OVER	4310							
-----			-----	-----	-----	-----	-----	-----	-----
58437	SALARIES		499313		237436	261877	50.0 47.5	24,440-	4.8-
	EMPLOYEE BENEFITS								
9204	STATE RETIREMENT	4600	78645		37417	41228	50.0 47.5	3,810-	4.8-
4385	F.I.C.A. TAXES	4700	38200		17730	20470	50.0 46.4	2,740-	7.1-
10440	HOSPITALIZATION INS.	4800	140400		55680	84720	50.0 39.6	29,040-	20.6-
	UNEMPLOYMENT BENEFITS	4900	1000			1000	50.0	1,000-	100.0-
	WORKMAN'S COMPENSATION	4910	20000			20000	50.0	20,000-	100.0-
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24029	EMPLOYEE BENEFITS		278245		110827	167418	50.0 39.8	56,590-	20.3-
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82466	PERSONAL SERVICES		777558		348263	429296	50.0 44.7	81,032-	10.4-
	OFFICE SUPPLIES								
	PAPER	5003	100			100	50.0	100-	100.0-
	PRINTED FORMS	5005							
88-	OTHER EXPENDABLE OFF.S	5010	1590		900	690	50.0 56.6	210	13.2
	MINOR OFFICE EQUIP/FUR	5020	1110		328	782	50.0 29.5	453-	40.8-
	PUBLIC EDUCATION MAT'L	5032							
	PHOTO SUPPLIES	5040							
	SUBSCRIPTIONS,MAGS,MAP	5050							
	BOOKS	5070							
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88-	OFFICE SUPPLIES		2800		1229	1571	50.0 43.8	342-	12.2-
	OPERATING SUPPLIES								
15	CLEANING/JANITORIAL SP	5100	2000		1093	907	50.0 54.6	186	9.3
	FOOD	5115							
	MEDICAL SUPPLIES	5120							
	CHEMICALS	5130	2700			2700	50.0	2,700-	100.0-
1150	GAS AND OIL	5250	24000		8044	15956	50.0 33.5	7,911-	32.9-
	LUBRICANTS	5255	500			500	50.0	500-	100.0-
861	DIESEL FUEL	5257	18000		5187	12813	50.0 28.8	7,626-	42.3-
	WEARING APPAREL	5355	2100		991	1109	50.0 47.1	117-	5.5-
	ASPHALT & ASPHALT PROD	5400							
	CONCRETE, CEMENT, ETC.	5405	200			200	50.0	200-	100.0-
	SAND,CLAY,GRVL,FILL DI	5415	3000		2640	360	50.0 88.0	2,280	76.0
	DRAINAGE PIPE & CULVER	5420							
	HORT./LANDSCAPING SPLY	5440	4000	520	1771	1709	50.0 44.2	457-	11.4-
	HAND TOOLS	5450	800		160	640	50.0 20.0	479-	59.8-
475	MINOR EQUIPMENT	5460	3500	387	823	2290	50.0 23.5	1,853-	52.9-
	PUMPING EQUIPMENT PART	5495							
	TRAFFIC SIGNS	5545							
	OTHER OPERATING MATL/S	5590	500		45	455	50.0 9.0	410-	82.0-
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2501	OPERATING SUPPLIES		61300	907	20753	39640	50.0 33.8	19,794-	32.2-
	REPAIR & MAINTENANCE SP								

	BUILDING MATERIALS & S	5600	800			800	50.0		800-	100.0-
557	ELECTRICAL SUPPLIES	5605	700	557		143	50.0	79.5	413	59.0
	PLUMBING SUPPLIES	5610	500			500	50.0		500-	100.0-
	STRUCTURAL STEEL & IRO	5620								
	PAINT AND PAINTING SPL	5650								
1001	MTR VEHICLE REP. PTS/S	5700	13367	12976		391	50.0	97.0	12,585	94.1
	COMMUNICATION REPAIR P	5750	100			100	50.0		100-	100.0-
164	AGRICLTR REPAIR PTS/S	5755	4033	2929		1104	50.0	72.6	1,825	45.2
	EXPENDABLE WELDING SPL	5770								
	OTHER REPAIR/MAINT. SP	5990	100			100	50.0		100-	100.0-
	DISASTER REPAIR SUPPLI	5995	1250			1250	50.0		1,250-	100.0-
1722	REPAIR & MAINTENANCE		20850		16463	4388	50.0	78.9	12,075	57.9
4136	SUPPLIES AND EXPENSES		84950	907	38445	45599	50.0	45.2	8,060-	9.4-
	PROFESSIONAL SERVICES									
	ENGINEERING	6015								
	LEGAL	6025								
	MEDICAL	6027								
808	OTHER PROFESSIONAL SER	6049	3800	2348		1452	50.0	61.7	895	23.5
808	PROFESSIONAL SERVICE		3800	2348		1452	50.0	61.7	895	23.5
	COMMUNICATIONS									
115	TELEPHONE AND TELEGRAP	6060	1500	802		698	50.0	53.4	104	6.9
115	COMMUNICATIONS		1500	802		698	50.0	53.4	104	6.9
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	1000	90		910	50.0	9.0	820-	82.0-
	FREIGHT	6120	175	62	46	67	50.0	26.2	82-	46.8-
	TRANSPORTATION		1175	62	136	977	50.0	11.5	902-	76.7-
	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									
123	GAS	6300	1000	620		380	50.0	62.0	239	23.9
329	ELECTRICITY	6305	7126	3020		4106	50.0	42.3	1,086-	15.2-
	WATER	6315								
452	UTILITIES		8126	3640		4486	50.0	44.7	845-	10.3-
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350	500			500	50.0		500-	100.0-
	ELECTRICAL R&M	6355								
	PLUMBING EQUIPMENT R&M	6357								
	STREETS & STRUCTURES R	6360	13400	6,619		6781	50.0		13,400-	100.0-
	OFFICE EQUIPMENT R&M	6365	135			135	50.0		135-	100.0-

	FIXED EQUIPMENT R&M	6380								
	MINOR EQUIPMENT R&M	6382								
678	MOTOR VEHICLE EQ. R&M	6384	12915		2779	10136	50.0	21.5	7,356-	56.9-
149	CONSTRUCTION EQUIP R&M	6386	8500		2376	6124	50.0	27.9	3,748-	44.0-
	AGRICULTURAL EQ. R&M	6387	700			700	50.0		700-	100.0-
	COMMUNICATION EQ. R&M	6390								
	CLEANING AND PAINTING	6392								
29	DISINFECT./EXTERMINATI	6394	1000		229	771	50.0	22.9	541-	54.1-
	SIGN PAINTING	6396								
	TOW IN CHARGES	6398	1100			1100	50.0		1,100-	100.0-
	OTHER REPAIRS AND MAIN	6399	1500			1500	50.0		1,500-	100.0-
856	REPR/MAINT-OUTSIDE L		39750	6,619	5384	27747	50.0	13.5	28,982-	72.9-
	RENTALS									
	MACHINERY RENT	6420	1550		1511	39	50.0	97.4	1,471	94.9
	CYLINDER RENT	6425								
	UNIFORM RENT	6430	3500		1360	2140	50.0	38.8	779-	22.2-
	MOP-MAT-RAG RENT	6435	1350		330	1020	50.0	24.4	690-	51.1-
	RENTALS		6400		3201	3199	50.0	50.0	2	
	OTHER SERVICES & CHARGE									
	THEFT LOSS	6818	10			10	50.0		10-	100.0-
	DUES AND MEMBERSHIPS	6840	290		165	125	50.0	56.8	40	13.7
	REGISTRATION FEE/TUITI	6845	300		250	50	50.0	83.3	200	66.6
	SERVICES NOT SPECIFIED	6999								
	OTHER SERVICES & CHA		600		415	185	50.0	69.1	230	38.3
2231	OTHER SERVICES & CHAR		61351	6,681	15927	38744	50.0	25.9	29,497-	48.0-
	LAND									
350	LAND	7000	5000		1400	3600	50.0	28.0	2,200-	44.0-
	SITE IMPROVEMENT	7045	69500			69500	50.0		69,500-	100.0-
350	LAND		74500		1400	73100	50.0	1.8	71,700-	96.2-
	BUILDING/BLD IMPROVEMEN									
	BUILDINGS	7100	3000			3000	50.0		3,000-	100.0-
	BUILDING IMPROVEMENTS	7150								
	HIGHLAND	7150 13								
	BUILDING IMPROVEMEN									
	BUILDING/BLD IMPROVE		3000			3000	50.0		3,000-	100.0-
	IMPROVEMENT OTHER THAN									
	FENCES/RAILINGS	7212	500			500	50.0		500-	100.0-
	DRAINS	7215								
	STREETS & ROADWAYS	7230								
	LANDSCAPING	7250	3000		2955	45	50.0	98.5	2,910	97.0
	C & N TREE GRANT	7250 02								
	LANDSCAPING		3000		2955	45	50.0	98.5	2,910	97.0
	OTHER IMPROVEMENTS	7295								
	IMPROVEMENT OTHER TH		3500		2955	545	50.0	84.4	2,410	68.8
	MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325								
	AGRICULTURAL EQUIPMENT	7335	12000	8,136		3864	50.0		12,000-	100.0-
	CONSTRUCTION EQUIPMENT	7345								
	COMMUNICATION EQUIPMEN	7355								

	PIPE	7370							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM	12000	8,136		3864	50.0		12,000-	100.0-
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	DUMP TRUCKS	7440							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
350	CAPITAL OUTLAY	93000	8,136	4355	80509	50.0	4.6	84,290-	90.6-
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89182	EXPENDITURES	1016859	15,724	406989	594147	50.0	40.0	202,881-	19.9-

001560 - GENERAL FUND-PARKING OPER.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
16104	REGULAR WAGES 4000	168420		68668	99752	50.0 40.7	31,083-	18.4-
	DISASTER RECOVERY WAGE 4010							
34	OVERTIME 4300	2100		504	1596	50.0 24.0	1,092-	52.0-
	DISASTER RECOVERY OVER 4310							
16138	SALARIES	170520		69172	101348	50.0 40.5	32,175-	18.8-
EMPLOYEE BENEFITS								
1780	STATE RETIREMENT 4600	26860		8001	18859	50.0 29.7	10,858-	40.4-
1182	F.I.C.A. TAXES 4700	13050		4977	8073	50.0 38.1	3,096-	23.7-
1160	HOSPITALIZATION INS. 4800	23400		6960	16440	50.0 29.7	9,480-	40.5-
	UNEMPLOYMENT BENEFITS 4900	500			500	50.0	500-	100.0-
	WORKMAN'S COMPENSATION 4910	4000			4000	50.0	4,000-	100.0-
4122	EMPLOYEE BENEFITS	67810		19938	47872	50.0 29.4	27,934-	41.1-
20260	PERSONAL SERVICES	238330		89110	149220	50.0 37.3	60,109-	25.2-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	600		261	339	50.0 43.5	78-	13.0-
	MINOR OFFICE EQUIP/FUR 5020	600			600	50.0	600-	100.0-
	COMPUTER SUPPLIES 5080							
	OFFICE SUPPLIES	1200		261	939	50.0 21.7	678-	56.5-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100	300		29	271	50.0 9.6	242-	80.6-
	CHEMICALS 5130	50			50	50.0	50-	100.0-
13	GAS AND OIL 5250	1400		71	1329	50.0 5.0	1,258-	89.8-
58	WEARING APPAREL 5355	500		187	313	50.0 37.4	125-	25.0-
	HORT./LANDSCAPING SPLY 5440							
	MINOR EQUIPMENT 5460	2000		35	1966	50.0 1.7	1,930-	96.5-
	OTHER OPERATING MATL/S 5590	600		224	376	50.0 37.3	152-	25.3-
72	OPERATING SUPPLIES	4850		546	4304	50.0 11.2	3,758-	77.4-
REPAIR & MAINTENANCE SP								
	ELECTRICAL SUPPLIES 5605	1500		372	1128	50.0 24.8	756-	50.4-
	PAINT AND PAINTING SPL 5650	1020		864	156	50.0 84.7	708	69.4
5	MTR VEHICLE REP. PTS/S 5700	280		5	275	50.0 1.7	270-	96.4-
5	REPAIR & MAINTENANCE	2800		1241	1559	50.0 44.3	318-	11.3-
77	SUPPLIES AND EXPENSES	8850		2048	6802	50.0 23.1	4,754-	53.7-
COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060							
	POSTAGE 6070							
COMMUNICATIONS INSURANCE								

PUBLIC LIAB/PROPERTY D 6255
AUTOMOBILE INSURANCE 6265

-----	INSURANCE		-----	-----	-----	-----	-----	-----	-----
	UTILITIES								
1168	ELECTRICITY	6305	16000		6866	9134	50.0 42.9	2,268-	14.1-
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1168	UTILITIES		16000		6866	9134	50.0 42.9	2,268-	14.1-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350	10000		38	9962	50.0 .3	9,924-	99.2-
	ELECTRICAL R&M	6355	100		72	28	50.0 72.0	44	44.0
	PLUMBING EQUIPMENT R&M	6357	500			500	50.0	500-	100.0-
	OFFICE EQUIPMENT R&M	6365							
	FIXED EQUIPMENT R&M	6380	10000	7,850	195	1955	50.0 1.9	9,610-	96.1-
99	MOTOR VEHICLE EQ. R&M	6384	2000		429	1571	50.0 21.4	1,142-	57.1-
	SIGN PAINTING	6396	500			500	50.0	500-	100.0-
	TOW IN CHARGES	6398	150			150	50.0	150-	100.0-
484	OTHER REPAIRS AND MAIN	6399	6000		2857	3143	50.0 47.6	285-	4.7-
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582	REPR/MAINT-OUTSIDE L		29250	7,850	3590	17810	50.0 12.2	22,070-	75.4-
	RENTALS								
2094	PARKING GARAGE/LOT REN	6402	25000		12186	12814	50.0 48.7	628-	2.5-
	OTHER RENT	6449	100			100	50.0	100-	100.0-
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2094	RENTALS		25100		12186	12914	50.0 48.5	728-	2.9-
-----			-----	-----	-----	-----	-----	-----	-----
3844	OTHER SERVICES & CHAR		70350	7,850	22642	39858	50.0 32.1	25,065-	35.6-
-----			-----	-----	-----	-----	-----	-----	-----
	LAND								
	LAND	7000							
	LEASEHOLDS	7020							
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	LAND								
	IMPROVEMENT OTHER THAN								
	FENCES/RAILINGS	7212							
	PARKING LOT/DRIVEWAY	7227							
	PARKING LOTS-GENERAL	7227 01							
	PINE ST GARAGE	7227 02							
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	PARKING LOT/DRIVEWA								
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	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
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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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24180	EXPENDITURES		317530	7,850	113801	195879	50.0 35.8	89,928-	28.3-

002300 - PKS/REC-RECREATION MAINT. DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
81645	REGULAR WAGES 4000	844035		344557	499478	50.0	40.8	154,920-	18.3-
	DISASTER RECOVERY WAGE 4010								
2424	OVERTIME 4300	35000		10579	24421	50.0	30.2	13,841-	39.5-
	DISASTER RECOVERY OVER 4310								
84069	SALARIES	879035		355137	523898	50.0	40.4	168,761-	19.1-
	EMPLOYEE BENEFITS								
13241	STATE RETIREMENT 4600	138450		55934	82516	50.0	40.4	26,582-	19.1-
6351	F.I.C.A. TAXES 4700	66810		26649	40161	50.0	39.8	13,512-	20.2-
15080	HOSPITALIZATION INS. 4800	249600		95700	153900	50.0	38.3	58,200-	23.3-
	UNEMPLOYMENT BENEFITS 4900	5000		961	4039	50.0	19.2	3,077-	61.5-
	WORKMAN'S COMPENSATION 4910	30000			30000	50.0		30,000-	100.0-
34672	EMPLOYEE BENEFITS	489860		179245	310616	50.0	36.5	131,369-	26.8-
118741	PERSONAL SERVICES	1368895		534381	834514	50.0	39.0	300,133-	21.9-
	OFFICE SUPPLIES								
	PAPER 5003								
	PRINTED FORMS 5005								
91	OTHER EXPENDABLE OFF.S 5010	2300		913	1387	50.0	39.6	473-	20.5-
476	MINOR OFFICE EQUIP/FUR 5020	14364		2516	11848	50.0	17.5	9,332-	64.9-
	PHOTO SUPPLIES 5040								
	BOOKS 5070								
	COMPUTER SUPPLIES 5080								
567	OFFICE SUPPLIES	16664		3428	13236	50.0	20.5	9,808-	58.8-
	OPERATING SUPPLIES								
1705	CLEANING/JANITORIAL SP 5100	16000	100	8311	7589	50.0	51.9	622	3.8
	MEDICAL SUPPLIES 5120	400			400	50.0		400-	100.0-
4227	CHEMICALS 5130	32000		14430	17570	50.0	45.0	3,140-	9.8-
4543	GAS AND OIL 5250	61000		28710	32290	50.0	47.0	3,580-	5.8-
652	LUBRICANTS 5255	3000	8	2782	210	50.0	92.7	2,564	85.4
	DIESEL FUEL 5257	2500		271	2229	50.0	10.8	1,957-	78.2-
165	WEARING APPAREL 5355	3000		2329	671	50.0	77.6	1,658	55.2
	ASPHALT & ASPHALT PROD 5400								
	CONCRETE, CEMENT, ETC. 5405	2000	786	255	959	50.0	12.7	1,490-	74.5-
2780	SAND,CLAY,GRVL,FILL DI 5415	15500		3543	11957	50.0	22.8	8,414-	54.2-
6645	HORT./LANDSCAPING SPLY 5440	47000		31463	15537	50.0	66.9	15,925	33.8
967	HAND TOOLS 5450	3500		1174	2326	50.0	33.5	1,151-	32.8-
395	MINOR EQUIPMENT 5460	12600		595	12005	50.0	4.7	11,409-	90.5-
6280	RECREATIONAL SUPPLIES 5510	28000		16569	11431	50.0	59.1	5,138	18.3
555	OTHER OPERATING MATL/S 5590	6000		3523	2477	50.0	58.7	1,046	17.4
	OTHER OPER.MATLS-KAB 5591	6000			6000	50.0		6,000-	100.0-
28915	OPERATING SUPPLIES	238500	894	113955	123652	50.0	47.7	10,590-	4.4-
	REPAIR & MAINTENANCE SP								
5498	BUILDING MATERIALS & S 5600	52850	599	14277	37975	50.0	27.0	24,296-	45.9-
6439	ELECTRICAL SUPPLIES 5605	25000	345	15614	9041	50.0	62.4	6,227	24.9
839	PLUMBING SUPPLIES 5610	8500	1,131	5864	1505	50.0	68.9	3,227	37.9

	STRUCTURAL STEEL & IRO	5620	500			500	50.0		500-	100.0-
1097	PAINT AND PAINTING SPL	5650	16000		12282	3718	50.0	76.7	8,564	53.5
785	MTR VEHICLE REP. PTS/S	5700	18000	832	8231	8936	50.0	45.7	1,538-	8.5-
	COMMUNICATION REPAIR P	5750	1700		662	1038	50.0	38.9	376-	22.1-
1049	AGRICLTRL REPAIR PTS/S	5755	35000	834	11993	22173	50.0	34.2	11,014-	31.4-
	OTHER REPAIR/MAINT. SP	5990	1500		1500	1500	50.0		1,500-	100.0-
	VANDALISM REPAIR PARTS	5992								
	REPR SPLY-8/29/05 STOR	5995	10000		541	9459	50.0	5.4	8,917-	89.1-
15708	REPAIR & MAINTENANCE		169050	3,741	69464	95845	50.0	41.0	30,122-	17.8-
45190	SUPPLIES AND EXPENSES		424214	4,635	186847	232733	50.0	44.0	50,519-	11.9-
	PROFESSIONAL SERVICES									
5245	CONSULTANT SERV/SURVEY	6020	15904	3,148	12075	682	50.0	75.9	8,246	51.8
707	OTHER PROFESSIONAL SER	6049	26947	23,718	1211	2018	50.0	4.4	24,525-	91.0-
5952	PROFESSIONAL SERVICE		42851	26,866	13285	2700	50.0	31.0	16,280-	37.9-
	COMMUNICATIONS									
322	TELEPHONE AND TELEGRAP	6060	2300		1725	575	50.0	75.0	1,150	50.0
	POSTAGE	6070	100			100	50.0		100-	100.0-
322	COMMUNICATIONS		2400		1725	675	50.0	71.8	1,050	43.7
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	450			450	50.0		450-	100.0-
547	FREIGHT	6120	5778	125	2846	2807	50.0	49.2	86-	1.4-
547	TRANSPORTATION		6228	125	2846	3257	50.0	45.6	536-	8.6-
	ADVERTISING									
	ADVERTISING	6150	3500			3500	50.0		3,500-	100.0-
	ADVERTISING		3500			3500	50.0		3,500-	100.0-
	PRINTING AND BINDING									
	PRINTING	6200	300			300	50.0		300-	100.0-
	PRINTING AND BINDING		300			300	50.0		300-	100.0-
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	AUTOMOBILE INSURANCE	6265								
	OTHER INSURANCE	6299								
	INSURANCE									
	UTILITIES									
	GAS	6300								
1002	ELECTRICITY	6305	15000		5813	9187	50.0	38.7	3,374-	22.4-
1002	UTILITIES		15000		5813	9187	50.0	38.7	3,374-	22.4-
	REPR/MAINT-OUTSIDE LABO									
63	BUILDING R&M	6350	32685		12453	20232	50.0	38.1	7,779-	23.7-
	DISASTER REPAIRS	6351	100000			100000	50.0		100,000-	100.0-
	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

63	BUILDING R&M	6353	132685		12453	120232	50.0	9.3	107,779-	81.2-
	8/29/05 STORM REPAIRS	6353								
1030	ELECTRICAL R&M	6355	14500	2,500	6145	5855	50.0	42.3	2,209-	15.2-
8009	PLUMBING EQUIPMENT R&M	6357	16175		14108	2068	50.0	87.2	12,040	74.4
36056	STREETS & STRUCTURES R	6360	52850		36056	16794	50.0	68.2	19,261	36.4
	OFFICE EQUIPMENT R&M	6365								
	FIXED EQUIPMENT R&M	6380	20700	9,307		11393	50.0		20,700-	100.0-
	MINOR EQUIPMENT R&M	6382								
1060	MOTOR VEHICLE EQ. R&M	6384	9000	485	3883	4632	50.0	43.1	1,233-	13.7-
792	AGRICULTURAL EQ. R&M	6387	16500	276	4594	11630	50.0	27.8	7,311-	44.3-
246	COMMUNICATION EQ. R&M	6390	2000		1390	610	50.0	69.5	780	39.0
	DISINFECT./EXTERMINATI	6394	1800		1350	450	50.0	75.0	900	50.0
650	SIGN PAINTING	6396	10000		1850	8151	50.0	18.5	6,300-	63.0-
	TOW IN CHARGES	6398	750		505	245	50.0	67.3	260	34.6
	OTHER REPAIRS AND MAIN	6399	3000		2750	250	50.0	91.6	2,499	83.3
47906	REPR/MAINT-OUTSIDE L		279960	12,568	85083	182309	50.0	30.3	109,794-	39.2-
	RENTALS									
2496	MACHINERY RENT	6420	13850		10400	3450	50.0	75.0	6,949	50.1
	CYLINDER RENT	6425								
	UNIFORM RENT	6430	6000		2735	3265	50.0	45.5	530-	8.8-
1545	OTHER RENT	6449	15700	880	6330	8490	50.0	40.3	3,040-	19.3-
4041	RENTALS		35550	880	19465	15205	50.0	54.7	3,380	9.5
	OTHER SERVICES & CHARGE									
	DUES AND MEMBERSHIPS	6840	650			650	50.0		650-	100.0-
	REGISTRATION FEE/TUITI	6845	1800			1800	50.0		1,800-	100.0-
310	CUSTODIAL SERVICE	6870	3000		1960	1040	50.0	65.3	920	30.6
6290	SERVICES NOT SPECIFIED	6999	226623	51,124	37842	137657	50.0	16.6	150,939-	66.6-
6600	OTHER SERVICES & CHA		232073	51,124	39802	141147	50.0	17.1	152,468-	65.6-
66369	OTHER SERVICES & CHAR		617862	91,563	168020	358279	50.0	27.1	281,822-	45.6-
	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								
430	PARK & PLAYGROUND LIGH	7240	150000		7580	142420	50.0	5.0	134,840-	89.8-
	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							
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	LANDSCAPING								
	POOLS	7252							
	DAHMER POOL	7252 01	65000		65000	50.0		65,000-	100.0-
	REC CENTER POOL	7252 02							
	5TH STREET POOL	7252 03							
	CITY PARK-BUSCHMAN	7252 04							
	BEN MCNAIR POOL	7252 05							
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	POOLS		65000		65000	50.0		65,000-	100.0-
	RECREATION IMPROVEMENT	7256							
	TATUM PARK	7256 01	140000		140000	50.0		140,000-	100.0-
427	PEOPLE'S PARK-PALMERS	7256 03	150000	10112	139888	50.0	6.7	129,776-	86.5-
	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							
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427	RECREATION IMPROVEM		290000	10112	279888	50.0	3.4	269,776-	93.0-
	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							
	KATZ PARK WALL	7295 50							
	TOWN SQUARE PARK	7295 52							
	MISC.OTHER IMPROVEMEN	7295 99							
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	OTHER IMPROVEMENTS								
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856	IMPROVEMENT OTHER TH		505000	17692	487308	50.0	3.5	469,615-	92.9-
	MACHINERY AND EQUIPMENT								
	8/29/05 STORM EQUIP	7302							
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
15298	AGRICULTURAL EQUIPMENT	7335	67500	39431	28069	50.0	58.4	11,361	16.8
	RECREATIONAL EQUIPMENT	7350							
	COMMUNICATION EQUIPMEN	7355							
	OTHER EQUIPMENT	7399							
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15298	MACHINERY AND EQUIPM		67500	39431	28069	50.0	58.4	11,361	16.8
	VEHICLES								
	BUSES	7410							
	PICK UP TRUCKS	7420							

-----	SPECIAL TRUCKS	7450	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES		-----	-----	-----	-----	-----	-----	-----
-----	16154	CAPITAL OUTLAY	572500		57123	515377	50.0	9.9	458,254-
-----	246454	EXPENDITURES	2983471	96,198	946371	1940904	50.0	31.7	1,090,729-

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
30325	REGULAR WAGES	4000	347233		116369	230864	50.0 33.5	114,495-	32.9-
	DISASTER RECOVERY WAGE	4010							
2847	OVERTIME	4300			4263	4263-		8,526	
	DISASTER RECOVERY OVER	4310							
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33172	SALARIES		347233		120632	226601	50.0 34.7	105,969-	30.5-
	EMPLOYEE BENEFITS								
5225	STATE RETIREMENT	4600	54700		19000	35700	50.0 34.7	16,699-	30.5-
2501	F.I.C.A. TAXES	4700	26570		8978	17592	50.0 33.7	8,614-	32.4-
3480	HOSPITALIZATION INS.	4800	46800		18560	28240	50.0 39.6	9,680-	20.6-
	UNEMPLOYMENT BENEFITS	4900	500		38	462	50.0 7.6	424-	84.8-
	WORKMAN'S COMPENSATION	4910	15000			15000	50.0	15,000-	100.0-
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11205	EMPLOYEE BENEFITS		143570		46576	96994	50.0 32.4	50,417-	35.1-
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44377	PERSONAL SERVICES		490803		167208	323595	50.0 34.0	156,387-	31.8-
	OFFICE SUPPLIES								
	PAPER	5003	1350		253	1097	50.0 18.7	843-	62.4-
	PRINTED FORMS	5005							
171	OTHER EXPENDABLE OFF.S	5010	2250		1642	608	50.0 72.9	1,034	45.9
	MINOR OFFICE EQUIP/FUR	5020							
	SUBSCRIPTIONS,MAGS,MAP	5050							
	BOOKS	5070							
	COMPUTER SUPPLIES	5080	8100			8100	50.0	8,100-	100.0-
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171	OFFICE SUPPLIES		11700		1895	9805	50.0 16.1	7,910-	67.6-
	OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP	5100							
	HOUSEHOLD SUPPLIES	5110							
	FOOD	5115							
	MEDICAL SUPPLIES	5120	200			200	50.0	200-	100.0-
	CHEMICALS	5130	8000			8000	50.0	8,000-	100.0-
	SERVE-SAFE SUPPLIES	5155	200			200	50.0	200-	100.0-
116	GAS AND OIL	5250	9300		912	8388	50.0 9.8	7,476-	80.3-
	LUBRICANTS	5255							
	OTHER FUEL	5260							
240	WEARING APPAREL	5355	1100		781	319	50.0 71.0	462	42.0
	CONCRETE, CEMENT, ETC.	5405							
	SAND,CLAY,GRVL,FILL DI	5415							
	HORT./LANDSCAPING SPLY	5440							
150	MINOR EQUIPMENT	5460	5000		200	4800	50.0 4.0	4,600-	92.0-
3757	RECREATIONAL SUPPLIES	5510	60087	3,487	21388	35212	50.0 35.5	17,310-	28.8-
	MDSE FOR RESALE	5520							
	CERAMIC SUP.FOR RESALE	5521	1000			1000	50.0	1,000-	100.0-
	OTHER OPERATING MATL/S	5590							
-----			-----	-----	-----	-----	-----	-----	-----
4262	OPERATING SUPPLIES		84887	3,487	23282	58119	50.0 27.4	38,323-	45.1-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S	5600							

	ELECTRICAL SUPPLIES	5605							
	PLUMBING SUPPLIES	5610							
	STRUCTURAL STEEL & IRO	5620							
	PAINT AND PAINTING SPL	5650	200		200	50.0		200-	100.0-
	MTR VEHICLE REP. PTS/S	5700	1200	61	722	416	50.0 60.1	243	20.2
	RECREATIONAL EQ. REP P	5765							
-----			-----	-----	-----	-----	-----	-----	-----
	REPAIR & MAINTENANCE		1400	61	722	616	50.0 51.5	43	3.0
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4434	SUPPLIES AND EXPENSES		97987	3,548	25899	68540	50.0 26.4	46,189-	47.1-
	PROFESSIONAL SERVICES								
	ARCHITECTURAL	6012							
	CONSULTANT SERV/SURVEY	6020							
	CONTRACTUAL PROGRAMS	6032							
4575	OFFICIALS	6034	89644		14458	75186	50.0 16.1	60,727-	67.7-
4082	OTHER PROFESSIONAL SER	6049	157208		101605	55603	50.0 64.6	46,002	29.2
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8657	PROFESSIONAL SERVICE		246852		116063	130789	50.0 47.0	14,726-	5.9-
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP	6060	1760		60	1700	50.0 3.4	1,640-	93.1-
	POSTAGE	6070							
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	COMMUNICATIONS		1760		60	1700	50.0 3.4	1,640-	93.1-
	TRANSPORTATION								
164	TRAVEL EXPENSE	6110	650		164	486	50.0 25.2	322-	49.5-
	CONTRACT TRAVEL	6115							
	FREIGHT	6120	2000		1341	659	50.0 67.0	682	34.1
	MESSENGER/EXPRESS SERV	6130	500			500	50.0	500-	100.0-
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164	TRANSPORTATION		3150		1505	1645	50.0 47.7	140-	4.4-
	ADVERTISING								
	ADVERTISING	6150							
	ADVERTISING-SPEC. EVEN	6152	2940			2940	50.0	2,940-	100.0-
	ADVERTISING-SENIOR FAR	6154	1200		931	269	50.0 77.5	662	55.1
-----			-----	-----	-----	-----	-----	-----	-----
	ADVERTISING		4140		931	3209	50.0 22.4	2,277-	55.0-
	PRINTING AND BINDING								
	PRINTING	6200							
	FILM PROCESSING	6240							
-----			-----	-----	-----	-----	-----	-----	-----
	PRINTING AND BINDING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D	6255							
	BOILER MACHINERY	6260							
	OTHER INSURANCE	6299							
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	INSURANCE								
	UTILITIES								
448	GAS	6300	4000		1935	2065	50.0 48.3	130-	3.2-
15537	ELECTRICITY	6305	183500		82238	101262	50.0 44.8	19,024-	10.3-
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15986	UTILITIES		187500		84173	103327	50.0 44.8	19,154-	10.2-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350	1000			1000	50.0	1,000-	100.0-
	ELECTRICAL R&M	6355							
	PLUMBING EQUIPMENT R&M	6357							
	OFFICE EQUIPMENT R&M	6365	1400			1400	50.0	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	645	1355	50.0	32.2	710-	35.5-
	RECREATIONAL EQ. R&M	6388							
	COMMUNICATION EQ. R&M	6390							
	DISINFECT./EXTERMINATI	6394	2000	688	1312	50.0	34.4	623-	31.1-
	SIGN PAINTING	6396	400		400	50.0		400-	100.0-
	TOW IN CHARGES	6398							
	OTHER REPAIRS AND MAIN	6399							
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	REPR/MAINT-OUTSIDE L		6800	1333	5467	50.0	19.6	4,133-	60.7-
	RENTALS								
	LAND RENT	6400							
	MACHINERY RENT	6420							
	CYLINDER RENT	6425							
	MOP-MAT-RAG-RENT	6435							
	OTHER RENT	6449	1100		1100	50.0		1,100-	100.0-
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	RENTALS		1100		1100	50.0		1,100-	100.0-
	OTHER SERVICES & CHARGE								
366	PROP.TAX COLL. FEES .0	6830	7000	1822	5178	50.0	26.0	3,355-	47.9-
822	PROP.TAX COLL. FEES.00	6831	8000	4895	3105	50.0	61.1	1,789	22.3
	BANK SERV/TRF FEE	6832		21	21-			42	
325	DUES AND MEMBERSHIPS	6840	1000	975	25	50.0	97.5	950	95.0
235	REGISTRATION FEE/TUITI	6845	900	700	200	50.0	77.7	500	55.5
	CONTRACT COACHES	6852							
	DAY CAMP COUNSELORS	6855							
	CUSTODIAL SERVICE	6870							
	SERVICES NOT SPECIFIED	6999	200		200	50.0		200-	100.0-
-----			-----	-----	-----	-----	-----	-----	-----
1749	OTHER SERVICES & CHA		17100	8413	8687	50.0	49.1	273-	1.5-
-----			-----	-----	-----	-----	-----	-----	-----
26555	OTHER SERVICES & CHAR		468402	212479	255923	50.0	45.3	43,443-	9.2-
	IMPROVEMENT OTHER THAN								
	PARKING LOT/DRIVEWAY	7227							
	OTHER IMPROVEMENTS	7295							
-----			-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	RECREATIONAL EQUIPMENT	7350							
	COMMUNICATION EQUIPMEN	7355							
-----			-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM								
	VEHICLES								
	PICK UP TRUCKS	7420							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
-----			-----	-----	-----	-----	-----	-----	-----
75366	EXPENDITURES		1057192	3,548	405585	50.0	38.3	246,022-	23.2-

002341 - PKS/REC-KAMPER PARK ZOO DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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

6 Months Ending 03/31/18

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....
ACTUAL		OBJ/SUB	BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN ACTUAL	OVER/UNDER %
	OTHER SERVICES & CHARGE							
357	PROP.TAX COLL. FEES .0	6830			1774	1774-		3,548
800	PROP.TAX COLL. FEES.00	6831			4764	4764-		9,528
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1157	OTHER SERVICES & CHA				6538	6538-		13,076
-----			-----	-----	-----	-----	-----	-----
1157	OTHER SERVICES & CHAR				6538	6538-		13,076
-----			-----	-----	-----	-----	-----	-----
1157	EXPENDITURES				6538	6538-		13,076

005160 - H.M.F.P.FUND-FIRE DIVISION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	50.0	3,000- 100.0-
	PUBLIC EDUCATION MAT'L 5032						
-----		-----	-----	-----	-----	-----	-----
	OFFICE SUPPLIES	3000			3000	50.0	3,000- 100.0-
	OPERATING SUPPLIES						
90	GAS AND OIL 5250						
	WEARING APPAREL 5355	55873	1,957	13641	40275	50.0 24.4	28,591- 51.1-
	MINOR EQUIPMENT 5460	400			400	50.0	400- 100.0-
	MINOR FIRE FIGHTING EQ 5462	4356	2,014		2342	50.0	4,356- 100.0-
	HAZ.MAT SUPPLIES 5466						
	FIRE HOSE 5470	2088			2088	50.0	2,088- 100.0-
	SFTY/FIRE P/MATL CONTR 5535						
	OTHER OPER.MATLS-USM 5590	1500			1500	50.0	1,500- 100.0-
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90	OPERATING SUPPLIES	64217	3,971	13641	46605	50.0 21.2	36,935- 57.5-
	REPAIR & MAINTENANCE SP						
	MTR VEHICLE REP. PTS/S 5700						
	COMMUNICATION REPAIR P 5750	525			525	50.0	525- 100.0-
	MINOR COMPUTER EQUIP. 5800	2000			2000	50.0	2,000- 100.0-
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	REPAIR & MAINTENANCE	2525			2525	50.0	2,525- 100.0-
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90	SUPPLIES AND EXPENSES	69742	3,971	13641	52130	50.0 19.5	42,460- 60.8-
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	OTHER PROFESSIONAL SER 6049	5175		5100	75	50.0 98.5	5,025 97.1
	TRANSPORTATION						
	TRAVEL EXPENSE 6110						
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	TRANSPORTATION						
	REPR/MAINT-OUTSIDE LABO						
	BUILDING R&M (USM) 6350	2500			2500	50.0	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	50.0	2,500- 100.0-
	OTHER SERVICES & CHARGE						
	BANK SERV/TRF FEE 6832						
	REGISTRATION FEE/TUITI 6845	17000		1106	15894	50.0 6.5	14,788- 86.9-
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	OTHER SERVICES & CHA	17000		1106	15894	50.0 6.5	14,788- 86.9-
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	OTHER SERVICES & CHAR	24675		6206	18469	50.0 25.1	12,263- 49.6-
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	LAND						
	LAND 7000						
-----		-----	-----	-----	-----	-----	-----
	LAND						
	BUILDING/BLD IMPROVEMEN						
	BUILDINGS 7100						
	FIRE DRILL TOWER 7100 02	6000			6000	50.0	6,000- 100.0-

-----	FIRE STATIONS	7100 20	4500	-----	-----	4500	50.0	-----	4,500-	100.0-
-----	BUILDINGS		10500	-----	-----	10500	50.0	-----	10,500-	100.0-
	BUILDING IMPROVEMENTS	7150								
	FIRE STA IMPR-USM MON	7150 30								
-----	BUILDING IMPROVEMEN		-----	-----	-----	-----	-----	-----	-----	-----
-----	BUILDING/BLD IMPROVE		10500	-----	-----	10500	50.0	-----	10,500-	100.0-
	IMPROVEMENT OTHER THAN									
	PARKING LOT/DRIVEWAY	7227								
	LANDSCAPING	7250								
	OTHER IMPROVEMENTS	7295								
	OTHER IMPROVEMENTS-USM	7297								
-----	IMPROVEMENT OTHER TH		-----	-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPMENT									
	FIRE FIGHTING	7315	246270		173760	72510	50.0 70.5		101,250	41.1
	HOUSEHOLD FURN/EQUIP.	7320	5800		2480	3320	50.0 42.7		840-	14.4-
	OFFICE FURN/EQUIP.	7325								
	DATA PROCESSING EQUIP.	7327	13500		12424	1076	50.0 92.0		11,348	84.0
	AGRICULTURAL EQUIPMENT	7335								
	COMMUNICATION EQUIPMEN	7355	18000			18000	50.0		18,000-	100.0-
	COMMUNICATION EQ-USM	7356	20000		900-	20900	50.0 4.5		18,200-	91.0-
	HYDRANTS & METERS(USM)	7365								
	OTHER EQUIP-USM MONIES	7398								
2727	OTHER EQUIPMENT	7399	22320		2727	19593	50.0 12.2		16,866-	75.5-
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2727	MACHINERY AND EQUIPM		325890		190491	135399	50.0 58.4		55,092	16.9
	VEHICLES									
	AUTOMOBILES	7400								
	MOTORCYCLES	7405								
	BUSES	7410								
	PICK UP TRUCKS	7420	45000			45000	50.0		45,000-	100.0-
	HEAVY TRUCKS	7430								
	FIRE TRUCKS	7435	450000	444,291		5709	50.0		450,000-	100.0-
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	VEHICLES		495000	444,291		50709	50.0		495,000-	100.0-
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2727	CAPITAL OUTLAY		831390	444,291	190491	196608	50.0 22.9		450,408-	54.1-
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2817	EXPENDITURES		925807	448,262	210338	267207	50.0 22.7		505,131-	54.5-

005460 - H.M.F.P.FUND-CAPITAL LEASES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	71830			71830	50.0	71,830- 100.0-
15818	FIRE TRUCKS LEASE-'16 8529	189940		78909	111031	50.0 41.5	32,122- 16.9-
	FIRE PROT.EQUIP.LEASE 8530						
14178	FIRE TRUCKS LEASE-'11 8532	141625		84585	57040	50.0 59.7	27,545 19.4
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29996	CAPITAL LEASE PAYMEN	403395		163494	239901	50.0 40.5	76,407- 18.9-
	INTEREST ON CAPITAL LEA						
	MDB-BLDG-FIRE STA #8 8615						
	FIRE TRUCKS LEASE-A'04 8627						
	FIRE TRUCKS LEASE-B'04 8628						
559	FIRE TRUCKS LEASE-'16 8629	6600		2978	3622	50.0 45.1	644- 9.7-
	FIRE PROT.EQUIP.LEASE 8630						
163	FIRE TRUCKS LEASE-'11 8632	1790		1459	331	50.0 81.5	1,128 63.0
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722	INTEREST ON CAPITAL	8390		4436	3954	50.0 52.8	481 5.7
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30718	DEBT SERVICE	411785		167930	243855	50.0 40.7	75,925- 18.4-
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30718	EXPENDITURES	411785		167930	243855	50.0 40.7	75,925- 18.4-

008201 - SPEC.ST.IMPR-STREET DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
OPERATING SUPPLIES								
	CHEMICALS 5130							
	GAS AND OIL 5250							
	LUBRICANTS 5255							
	OTHER FUEL 5260							
	ASPHALT & ASPHALT PROD 5400							
	CONCRETE, CEMENT, ETC. 5405							
	BRICK, STONE, MORTAR, ETC 5410							
	SAND, CLAY, GRVL, FILL DI 5415							
	DRAINAGE PIPE & CULVER 5420							
	HORT./LANDSCAPING SPLY 5440							
	MINOR EQUIPMENT 5460							
	TRAFFIC CONTROL EQ. SP 5540							
-----		-----	-----	-----	-----	-----	-----	-----
OPERATING SUPPLIES								
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600							
	PLUMBING SUPPLIES 5610							
	STRUCTURAL STEEL & IRO 5620							
-----		-----	-----	-----	-----	-----	-----	-----
REPAIR & MAINTENANCE								
-----		-----	-----	-----	-----	-----	-----	-----
SUPPLIES AND EXPENSES								
PROFESSIONAL SERVICES								
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
PROFESSIONAL SERVICE								
	REPR/MAINT-OUTSIDE LABO							
111832	STREETS & STRUCTURES R 6360	75500		111832	36332-	50.0 148.1	148,164	196.2
-----		-----	-----	-----	-----	-----	-----	-----
111832	REPR/MAINT-OUTSIDE L	75500		111832	36332-	50.0 148.1	148,164	196.2
-----		-----	-----	-----	-----	-----	-----	-----
111832	OTHER SERVICES & CHAR	75500		111832	36332-	50.0 148.1	148,164	196.2
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							
-----		-----	-----	-----	-----	-----	-----	-----
STREETS & ROADWAYS								
-----		-----	-----	-----	-----	-----	-----	-----
LAND								

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	CAPITAL OUTLAY								
-----		-----	-----	-----	-----	-----	-----	-----	-----
111832	EXPENDITURES	75500		111832	36332-	50.0	148.1	148,164	196.2

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
6 Months Ending 03/31/18

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES									
34129	REGULAR WAGES	4000	295100		143427	151673	50.0	48.6	8,246-	2.7-
	DISASTER RECOVERY WAGE	4010								
777	OVERTIME	4300	4500		3310	1190	50.0	73.5	2,120	47.1
	DISASTER RECOVERY OVER	4310								
34906	SALARIES		299600		146737	152863	50.0	48.9	6,125-	2.0-
	EMPLOYEE BENEFITS									
5498	STATE RETIREMENT	4600	47195		23111	24084	50.0	48.9	973-	2.0-
2629	F.I.C.A. TAXES	4700	22925		10985	11940	50.0	47.9	955-	4.1-
7540	HOSPITALIZATION INS.	4800	101400		41180	60220	50.0	40.6	19,040-	18.7-
	UNEMPLOYMENT BENEFITS	4900	500			500	50.0		500-	100.0-
	WORKMAN'S COMPENSATION	4910	4200			4200	50.0		4,200-	100.0-
15667	EMPLOYEE BENEFITS		176220		75276	100944	50.0	42.7	25,668-	14.5-
50573	PERSONAL SERVICES		475820		222013	253807	50.0	46.6	31,793-	6.6-
	OFFICE SUPPLIES									
	PAPER	5003	3000		1151	1849	50.0	38.3	698-	23.2-
	PRINTED FORMS	5005								
	OTHER EXPENDABLE OFF.S	5010	3280	111	1331	1838	50.0	40.5	618-	18.8-
	MINOR OFFICE EQUIP/FUR	5020	2100		1129	971	50.0	53.7	158	7.5
	BOOKS	5070								
	OFFICE SUPPLIES		8380	111	3611	4659	50.0	43.0	1,158-	13.8-
	OPERATING SUPPLIES									
	CLEANING/JANITORIAL SP	5100	700		417	283	50.0	59.5	134	19.1
924	MEDICAL SUPPLIES	5120								
	GAS AND OIL	5250	12000		5144	6856	50.0	42.8	1,712-	14.2-
	LUBRICANTS	5255								
	CONCRETE, CEMENT, ETC.	5405								
494	HAND TOOLS	5450	3000		1719	1281	50.0	57.3	438	14.6
29	MINOR EQUIPMENT	5460	2100		1872	228	50.0	89.1	1,644	78.2
	METER LOCKS	5467	4700		2658	2042	50.0	56.5	616	13.1
542	OTHER OPERATING MATL/S	5590	1100		967	133	50.0	87.9	834	75.8
1990	OPERATING SUPPLIES		23600		12778	10822	50.0	54.1	1,956	8.2
	REPAIR & MAINTENANCE SP									
	ELECTRICAL SUPPLIES	5605	2000		288	1712	50.0	14.4	1,424-	71.2-
95	MTR VEHICLE REP. PTS/S	5700	3116		771	2345	50.0	24.7	1,574-	50.5-
	COMMUNICATION REPAIR P	5750								
	OTHER REPAIR/MAINT. SP	5990	500		27	473	50.0	5.4	446-	89.2-
95	REPAIR & MAINTENANCE		5616		1086	4530	50.0	19.3	3,444-	61.3-
2085	SUPPLIES AND EXPENSES		37596	111	17475	20011	50.0	46.4	2,646-	7.0-
	PROFESSIONAL SERVICES									
	AUDITING AND ACCOUNTIN	6010	25000			25000	50.0		25,000-	100.0-
	APPRAISAL	6017								

	LEGAL	6025								
	MEDICAL	6027								
723	OTHER PROFESSIONAL SER	6049	24000	980	9090	13930	50.0	37.8	5,820-	24.2-
723	PROFESSIONAL SERVICE		49000	980	9090	38930	50.0	18.5	30,820-	62.8-
	COMMUNICATIONS									
448	TELEPHONE AND TELEGRAP	6060	12900		3571	9329	50.0	27.6	5,757-	44.6-
	POSTAGE	6070	49900		20000	29900	50.0	40.0	9,900-	19.8-
448	COMMUNICATIONS		62800		23571	39229	50.0	37.5	15,658-	24.9-
	TRANSPORTATION									
42	FREIGHT	6120	500		170	330	50.0	34.0	160-	32.0-
42	TRANSPORTATION		500		170	330	50.0	34.0	160-	32.0-
	ADVERTISING									
	ADVERTISING	6150								
	ADVERTISING									
	PRINTING AND BINDING									
283	PRINTING	6200	4600		1215	3385	50.0	26.4	2,170-	47.1-
283	PRINTING AND BINDING		4600		1215	3385	50.0	26.4	2,170-	47.1-
	INSURANCE									
	AUTOMOBILE INSURANCE	6265								
	INSURANCE									
	UTILITIES									
49	GAS	6300	1200		700	500	50.0	58.3	200	16.6
379	ELECTRICITY	6305	6000		2366	3634	50.0	39.4	1,268-	21.1-
428	UTILITIES		7200		3067	4133	50.0	42.5	1,065-	14.7-
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350	4000		362	3638	50.0	9.0	3,276-	81.9-
	OFFICE EQUIPMENT R&M	6365	2000		883	1117	50.0	44.1	233-	11.6-
	FIXED EQUIPMENT R&M	6380	800			800	50.0		800-	100.0-
3093	MOTOR VEHICLE EQ. R&M	6384	7300	355	6725	220	50.0	92.1	6,149	84.2
75	COMMUNICATION EQ. R&M	6390	1000		75	925	50.0	7.5	850-	85.0-
	DISINFECT./EXTERMINATI	6394	900		90	810	50.0	10.0	720-	80.0-
	OTHER REPAIRS AND MAIN	6399	300		98	202	50.0	32.6	104-	34.6-
3168	REPR/MAINT-OUTSIDE L		16300	355	8233	7712	50.0	50.5	166	1.0
	RENTALS									
	BUILDING RENT	6405								
	OFFICE EQUIPMENT RENT	6410								
112	UNIFORM RENT	6430	1300		770	530	50.0	59.2	239	18.3
	MOP-MAT-RAG RENT	6435								
	OTHER RENT	6449								
112	RENTALS		1300		770	530	50.0	59.2	239	18.3
	OTHER SERVICES & CHARGE									
	CASH OVERAGE/SHORTAGE	6819								
	BANK SERV/TRF FEE	6832								
	REFUNDS	6835								
	WATER RELATED REFUND	6835 WTR								
	REFUNDS									
	NSF CHECKS	6836								
	DUES AND MEMBERSHIPS	6840								
	REGISTRATION FEE/TUITI	6845	1100			1100	50.0		1,100-	100.0-

-----	SERVICES NOT SPECIFIED 6999	4000	-----	-----	4000	50.0		4,000-	100.0-
-----	OTHER SERVICES & CHA	5100	-----	-----	5100	50.0		5,100-	100.0-
-----	5205 OTHER SERVICES & CHAR	146800	1,335	46115	99349	50.0	31.4	54,570-	37.1-
-----	BUILDING/BLD IMPROVEMEN	-----	-----	-----	-----	-----	-----	-----	-----
-----	BUILDING IMPROVEMENTS 7150	-----	-----	-----	-----	-----	-----	-----	-----
-----	WATER OFFICE RENOVATI 7150 16	-----	-----	-----	-----	-----	-----	-----	-----
-----	BUILDING IMPROVEMEN	-----	-----	-----	-----	-----	-----	-----	-----
-----	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	-----	-----	-----	-----	-----	-----	-----	-----
-----	MACHINERY AND EQUIPM	-----	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES	-----	-----	-----	-----	-----	-----	-----	-----
-----	AUTOMOBILES 7400	-----	-----	-----	-----	-----	-----	-----	-----
-----	PICK UP TRUCKS 7420	-----	-----	-----	-----	-----	-----	-----	-----
-----	SPECIAL TRUCKS 7450	-----	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES	-----	-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	-----	-----	-----	-----	-----	-----	-----	-----
-----	57862 EXPENDITURES	660216	1,446	285603	373167	50.0	43.2	89,010-	13.4-

009672 - W&S O&M-WATER TRANSMISSION DIV

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
47304	REGULAR WAGES 4000	515417		210050	305367	50.0	40.7	95,317-	18.4-
	DISASTER RECOVERY WAGE 4010								
3235	OVERTIME 4300	28000		13963	14037	50.0	49.8	73-	.2-
	DISASTER RECOVERY OVER 4310								
50540	SALARIES	543417		224013	319404	50.0	41.2	95,391-	17.5-
EMPLOYEE BENEFITS									
7960	STATE RETIREMENT 4600	85600		35318	50282	50.0	41.2	14,964-	17.4-
3821	F.I.C.A. TAXES 4700	41580		16870	24710	50.0	40.5	7,839-	18.8-
7540	HOSPITALIZATION INS. 4800	148200		49960	98240	50.0	33.7	48,279-	32.5-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	50.0		1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	16000			16000	50.0		16,000-	100.0-
19321	EMPLOYEE BENEFITS	292380		102148	190232	50.0	34.9	88,083-	30.1-
69861	PERSONAL SERVICES	835797		326161	509636	50.0	39.0	183,474-	21.9-
OFFICE SUPPLIES									
	PAPER 5003								
	PRINTED FORMS 5005								
	OTHER EXPENDABLE OFF.S 5010								
	MINOR OFFICE EQUIP/FUR 5020								
	SUBSCRIPTIONS, MAGS, MAP 5050								
OFFICE SUPPLIES									
OPERATING SUPPLIES									
	CLEANING/JANITORIAL SP 5100								
	MEDICAL SUPPLIES 5120								
	CHEMICALS 5130								
2882	GAS AND OIL 5250	35000		18080	16920	50.0	51.6	1,159	3.3
	NATURAL GAS FUEL 5252								
	LUBRICANTS 5255								
131	DIESEL FUEL 5257	6000		850	5150	50.0	14.1	4,299-	71.6-
390	WEARING APPAREL 5355	4000	1,153	1101	1747	50.0	27.5	1,798-	44.9-
2730	ASPHALT & ASPHALT PROD 5400	10000		16110	6110-	50.0	161.1	22,220	222.2
	CONCRETE, CEMENT, ETC. 5405	2000			2000	50.0		2,000-	100.0-
	BRICK, STONE, MORTAR, ETC 5410	1000		4897	3897-	50.0	489.7	8,794	879.4
	SAND, CLAY, GRVL, FILL DI 5415	10000			10000	50.0		10,000-	100.0-
	HORT./LANDSCAPING SPLY 5440								
2460	HAND TOOLS 5450	7000	28	4155	2817	50.0	59.3	1,310	18.7
1597	MINOR EQUIPMENT 5460	2000		1597	403	50.0	79.8	1,194	59.7
	HYDRANT PARTS 5480								
	METER PARTS 5485	2000			2000	50.0		2,000-	100.0-
	VALVE PARTS 5490								
	PUMPING EQUIPMENT PART 5495								
202	OTHER OPERATING MATL/S 5590	2000		1434	566	50.0	71.7	868	43.4
10391	OPERATING SUPPLIES	81000	1,181	48223	31596	50.0	59.5	15,446	19.0
REPAIR & MAINTENANCE SP									
BUILDING MATERIALS & S 5600									

	MACHINERY RENT	6420	1500		1500	50.0		1,500-	100.0-
	CYLINDER RENT	6425							
299	UNIFORM RENT	6430	4500	2480	2020	50.0	55.1	459	10.2
	OTHER RENT	6449	2896		2896	50.0		2,896-	100.0-
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299	RENTALS		8896	2480	6416	50.0	27.8	3,936-	44.2-
	OTHER SERVICES & CHARGE								
	SETTLEMENT OF DAMAGE CLA	6700							
	DUES AND MEMBERSHIPS	6840							
	REGISTRATION FEE/TUITI	6845							
	SERVICES NOT SPECIFIED	6999							
-----			-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA								
-----			-----	-----	-----	-----	-----	-----	-----
6858	OTHER SERVICES & CHAR		1052515	4,112	380706	667697	50.0	36.1	291,103-

	LEASEHOLDS	7020							
	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS	7150							
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	BUILDING/BLD IMPROVE								
	IMPROVEMENT OTHER THAN								
	OTHER IMPROVEMENTS	7295							
-----			-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	DATA PROCESSING EQUIP.	7327							
	CONSTRUCTION EQUIPMENT	7345							
	COMMUNICATION EQUIPMEN	7355							
	HYDRANTS & METERS	7365							
	PIPE	7370							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	SPECIAL TRUCKS	7450							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
-----			-----	-----	-----	-----	-----	-----	-----
105636	EXPENDITURES		2114812	12,454	838111	1264248	50.0	39.6	438,589-

009673 - W&S O&M-WATER PLANT DIVISION

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	SALARIES						
43155	REGULAR WAGES 4000	415420		187155	228265	50.0 45.0	41,110- 9.8-
	DISASTER RECOVERY WAGE 4010						
1677	OVERTIME 4300	18000		11707	6293	50.0 65.0	5,414 30.0
	DISASTER RECOVERY OVER 4310						
44832	SALARIES	433420		198862	234558	50.0 45.8	35,695- 8.2-
	EMPLOYEE BENEFITS						
7061	STATE RETIREMENT 4600	68270		31321	36949	50.0 45.8	5,627- 8.2-
3359	F.I.C.A. TAXES 4700	33160		14781	18379	50.0 44.5	3,598- 10.8-
8700	HOSPITALIZATION INS. 4800	124800		51620	73180	50.0 41.3	21,560- 17.2-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	50.0	1,000- 100.0-
	WORKMAN'S COMPENSATION 4910	8000			8000	50.0	8,000- 100.0-
19120	EMPLOYEE BENEFITS	235230		97722	137508	50.0 41.5	39,786- 16.9-
63952	PERSONAL SERVICES	668650		296583	372067	50.0 44.3	75,484- 11.2-
	OFFICE SUPPLIES						
	PAPER 5003	200			200	50.0	200- 100.0-
	PRINTED FORMS 5005	2500			2500	50.0	2,500- 100.0-
680	OTHER EXPENDABLE OFF.S 5010	3000		1992	1008	50.0 66.4	984 32.8
	MINOR OFFICE EQUIP/FUR 5020	100			100	50.0	100- 100.0-
	SUBSCRIPTIONS,MAGS,MAP 5050						
	BOOKS 5070						
	COMPUTER SUPPLIES 5080	500			500	50.0	500- 100.0-
680	OFFICE SUPPLIES	6300		1992	4308	50.0 31.6	2,316- 36.7-
	OPERATING SUPPLIES						
	CLEANING/JANITORIAL SP 5100	2500		1123	1377	50.0 44.9	253- 10.1-
	FOOD 5115						
	MEDICAL SUPPLIES 5120						
15700	CHEMICALS 5130	75000	5,526	43890	25584	50.0 58.5	12,780 17.0
436	GAS AND OIL 5250	7000		2175	4825	50.0 31.0	2,650- 37.8-
	LUBRICANTS 5255						
75	DIESEL FUEL 5257	5000		3653	1347	50.0 73.0	2,305 46.1
	OTHER FUEL 5260	500		150	350	50.0 30.0	200- 40.0-
50	WEARING APPAREL 5355	100		50	50	50.0 50.0	
	CONCRETE, CEMENT, ETC. 5405						
	SAND,CLAY,GRVL,FILL DI 5415						
	DRAINAGE PIPE & CULVER 5420						
	HORT./LANDSCAPING SPLY 5440						
	HAND TOOLS 5450	500			500	50.0	500- 100.0-
	MINOR EQUIPMENT 5460	2000		1725	275	50.0 86.2	1,450 72.5
	METER PARTS 5485						
	VALVE PARTS 5490						
	PUMPING EQUIPMENT PART 5495	10000		7639	2361	50.0 76.3	5,278 52.7
	OTHER OPERATING MATL/S 5590	5000		154	4846	50.0 3.0	4,691- 93.8-
16261	OPERATING SUPPLIES	107600	5,526	60559	41515	50.0 56.2	13,518 12.5
	REPAIR & MAINTENANCE SP						

	BUILDING MATERIALS & S	5600	5000	45	465	4490	50.0	9.3	4,070-	81.4-
3890	ELECTRICAL SUPPLIES	5605	7000		5096	1904	50.0	72.8	3,191	45.5
45	PLUMBING SUPPLIES	5610	2000		675	1325	50.0	33.7	650-	32.5-
	STRUCTURAL STEEL & IRO	5620								
	PAINT AND PAINTING SPL	5650	2000			2000	50.0		2,000-	100.0-
870	MTR VEHICLE REP. PTS/S	5700	8000	3,950	2594	1456	50.0	32.4	2,812-	35.1-
	GENERATOR REP. PTS/SPL	5705	7000			7000	50.0		7,000-	100.0-
	COMMUNICATION REPAIR P	5750								
	AGRICLTRL REPAIR PTS/S	5755	3000			3000	50.0		3,000-	100.0-
	MINOR COMPUTER EQUIP.	5800								
330	OTHER REPAIR/MAINT. SP	5990	10000		1095	8905	50.0	10.9	7,810-	78.1-
	DISASTER REPAIR SUPPLI	5995								
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5135	REPAIR & MAINTENANCE		44000	3,995	9925	30080	50.0	22.5	24,149-	54.8-
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22076	SUPPLIES AND EXPENSES		157900	9,521	72476	75903	50.0	45.8	12,948-	8.2-
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	PROFESSIONAL SERVICES									
	ENGINEERING	6015								
	CONSULTANT SERV/SURVEY	6020								
1045	OTHER PROFESSIONAL SER	6049	60000		10283	49717	50.0	17.1	39,434-	65.7-
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1045	PROFESSIONAL SERVICE		60000		10283	49717	50.0	17.1	39,434-	65.7-
	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060	3000		830	2170	50.0	27.6	1,340-	44.6-
	POSTAGE	6070	2500		1962	538	50.0	78.4	1,424	56.9
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	COMMUNICATIONS		5500		2793	2707	50.0	50.7	86	1.5
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	2000			2000	50.0		2,000-	100.0-
8	FREIGHT	6120	1000		325	675	50.0	32.5	349-	34.9-
	MESSENGER/EXPRESS SERV	6130								
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8	TRANSPORTATION		3000		325	2675	50.0	10.8	2,349-	78.3-
	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								
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	INSURANCE									
	UTILITIES									
309	GAS	6300	4000		1869	2131	50.0	46.7	262-	6.5-
54121	ELECTRICITY	6305	710000		341699	368301	50.0	48.1	26,602-	3.7-
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54429	UTILITIES		714000		343568	370432	50.0	48.1	26,864-	3.7-
	REPR/MAINT-OUTSIDE LABO									
228	BUILDING R&M	6350	100000		9983	90017	50.0	9.9	80,034-	80.0-
	DISASTER REPAIRS	6351	50000	70	16280	33650	50.0	32.5	17,440-	34.8-
13174	ELECTRICAL R&M	6355	35000	5,500	27083	2417	50.0	77.3	19,165	54.7
8	PLUMBING EQUIPMENT R&M	6357	1000		8	992	50.0	.8	984-	98.4-
	OFFICE EQUIPMENT R&M	6365								
	FIXED EQUIPMENT R&M	6380	150000	64,545	23813	61642	50.0	15.8	102,374-	68.2-

	MINOR EQUIPMENT R&M	6382	4000	35	3965	50.0	.8	3,930-	98.2-
	GENERATOR R&M	6383	70500	6118	64383	50.0	8.6	58,263-	82.6-
80	MOTOR VEHICLE EQ. R&M	6384	5000	1223	3778	50.0	24.4	2,554-	51.0-
	CONSTRUCTION EQUIP R&M	6386							
	AGRICULTURAL EQ. R&M	6387	1000	123	877	50.0	12.3	754-	75.4-
	COMMUNICATION EQ. R&M	6390	1000		1000	50.0		1,000-	100.0-
	DISINFECT./EXTERMINATI	6394	1000	296	704	50.0	29.6	408-	40.8-
	OTHER REPAIRS AND MAIN	6399	11154	1371	9783	50.0	12.2	8,412-	75.4-
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13490	REPR/MAINT-OUTSIDE L		429654	70,115	86331	273208	50.0 20.0	256,992-	59.8-
	RENTALS								
	OFFICE EQUIPMENT RENT	6410							
	MACHINERY RENT	6420							
	CYLINDER RENT	6425							
207	UNIFORM RENT	6430	3000	1235	1765	50.0	41.1	530-	17.6-
56	MOP-MAT-RAG RENT	6435	1000	362	638	50.0	36.2	276-	27.6-
5490	OTHER RENT	6449	6000	5490	510	50.0	91.5	4,980	83.0
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5752	RENTALS		10000	7087	2913	50.0	70.8	4,174	41.7
	OTHER SERVICES & CHARGE								
	BANK SERV/TRF FEE	6832							
	DUES AND MEMBERSHIPS	6840	1000		1000	50.0		1,000-	100.0-
	REGISTRATION FEE/TUITI	6845	2000	150	1850	50.0	7.5	1,700-	85.0-
	CUSTODIAL SERVICE	6870	4500	750	3750	50.0	16.6	3,000-	66.6-
	PROPERTY TAXES	6995							
	SERVICES NOT SPECIFIED	6999	2000		2000	50.0		2,000-	100.0-
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	OTHER SERVICES & CHA		9500	900	8600	50.0	9.4	7,700-	81.0-
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74724	OTHER SERVICES & CHAR		1231654	70,115	451287	710252	50.0 36.6	329,080-	26.7-
	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS	7150							
	W&S WAREHOUSE IMPROVE	7150 11	67000		67000	50.0		67,000-	100.0-
	WATER PLANT RENOVATIO	7150 17							
	ELEVATOR	7150 24							
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	BUILDING IMPROVEMEN		67000		67000	50.0		67,000-	100.0-
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	BUILDING/BLD IMPROVE		67000		67000	50.0		67,000-	100.0-
	IMPROVEMENT OTHER THAN								
	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	10000	9832	168	50.0	98.3	9,664	96.6
	PLANT EQUIPMENT	7340							
	COMMUNICATION EQUIPMEN	7355							
	HYDRANTS & METERS	7365							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM		10000	9832	168	50.0	98.3	9,664	96.6
	VEHICLES								
	AUTOMOBILES	7400							

-----	PICK UP TRUCKS	7420	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES		-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	77000	-----	-----	-----	-----	-----	-----	-----
-----	EXPENDITURES	2135204	-----	-----	-----	-----	-----	-----	-----
160753			2135204	79,636	830178	1225390	50.0 38.8	474,848-	22.2-

009676 - W&S O&M-SEWER DIVISION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
35539	REGULAR WAGES 4000	415422		166511	248911	50.0	40.0	82,400-	19.8-
	DISASTER RECOVERY WAGE 4010								
3483	OVERTIME 4300	32000		12637	19363	50.0	39.4	6,725-	21.0-
	DISASTER RECOVERY OVER 4310								
39023	SALARIES	447422		179148	268274	50.0	40.0	89,126-	19.9-
EMPLOYEE BENEFITS									
6146	STATE RETIREMENT 4600	70470		28216	42254	50.0	40.0	14,037-	19.9-
2973	F.I.C.A. TAXES 4700	34230		13611	20619	50.0	39.7	7,008-	20.4-
6960	HOSPITALIZATION INS. 4800	124800		44080	80720	50.0	35.3	36,639-	29.3-
	UNEMPLOYMENT BENEFITS 4900	1000		1000	1000	50.0		1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	16500			16500	50.0		16,500-	100.0-
16079	EMPLOYEE BENEFITS	247000		85907	161093	50.0	34.7	75,186-	30.4-
55101	PERSONAL SERVICES	694422		265055	429367	50.0	38.1	164,312-	23.6-
OPERATING SUPPLIES									
	CLEANING/JANITORIAL SP 5100								
	HOUSEHOLD SUPPLIES 5110								
	MEDICAL SUPPLIES 5120								
5264	CHEMICALS 5130	165000		43245	121755	50.0	26.2	78,510-	47.5-
532	GAS AND OIL 5250	10000		3083	6917	50.0	30.8	3,834-	38.3-
	LUBRICANTS 5255								
509	DIESEL FUEL 5257	15000		4399	10601	50.0	29.3	6,201-	41.3-
	OTHER FUEL 5260								
	WEARING APPAREL 5355	3000	452	1114	1434	50.0	37.1	771-	25.7-
	ASPHALT & ASPHALT PROD 5400	10000	4,900	592	4508	50.0	5.9	8,815-	88.1-
	CONCRETE, CEMENT, ETC. 5405	1000		166	834	50.0	16.6	667-	66.7-
	BRICK,STONE,MORTAR,ETC 5410								
	SAND,CLAY,GRVL,FILL DI 5415	15000		3080	11920	50.0	20.5	8,840-	58.9-
	DRAINAGE PIPE & CULVER 5420								
	HORT./LANDSCAPING SPLY 5440	500			500	50.0		500-	100.0-
452	HAND TOOLS 5450	6500		2434	4066	50.0	37.4	1,631-	25.0-
	MINOR EQUIPMENT 5460	5000	530	641	3829	50.0	12.8	3,718-	74.3-
	PUMPING EQUIPMENT PART 5495	100		30	70	50.0	30.0	40-	40.0-
6670	OTHER OPERATING MATL/S 5590	7000	158	6837	5	50.0	97.6	6,674	95.3
13426	OPERATING SUPPLIES	238100	6,040	65620	166440	50.0	27.5	106,859-	44.8-
REPAIR & MAINTENANCE SP									
	BUILDING MATERIALS & S 5600	2000		1968	32	50.0	98.4	1,936	96.8
	ELECTRICAL SUPPLIES 5605	2500	84	981	1436	50.0	39.2	538-	21.5-
	PLUMBING SUPPLIES 5610	30000	434	9191	20374	50.0	30.6	11,618-	38.7-
	STRUCTURAL STEEL & IRO 5620								
	PAINT AND PAINTING SPL 5650	500			500	50.0		500-	100.0-
4600	MTR VEHICLE REP. PTS/S 5700	23500	6,067	16262	1172	50.0	69.2	9,023	38.3
	COMMUNICATION REPAIR P 5750								
	AGRICLTRL REPAIR PTS/S 5755								
	EXPENDABLE WELDING SPL 5770								
320	OTHER REPAIR/MAINT. SP 5990	2000	232	851	917	50.0	42.5	298-	14.9-

	DISASTER REPAIR SUPPLI	5995	40000		7936	32064	50.0	19.8	24,127-	60.3-
4920	REPAIR & MAINTENANCE		100500	6,817	37188	56495	50.0	37.0	26,124-	25.9-
18346	SUPPLIES AND EXPENSES		338600	12,857	102808	222935	50.0	30.3	132,983-	39.2-
	PROFESSIONAL SERVICES									
	LEGAL	6025								
	OTHER PROFESSIONAL SER	6049	2000	602	87	1310	50.0	4.3	1,826-	91.3-
	PROFESSIONAL SERVICE		2000	602	87	1310	50.0	4.3	1,826-	91.3-
	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060								
	POSTAGE	6070								
	COMMUNICATIONS									
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	1200		1132	68	50.0	94.3	1,064	88.6
	FREIGHT	6120	600		40	560	50.0	6.6	519-	86.5-
	TRANSPORTATION		1800		1172	628	50.0	65.1	543	30.1
	ADVERTISING									
	ADVERTISING	6150								
	ADVERTISING									
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	BOILER MACHINERY	6260								
	AUTOMOBILE INSURANCE	6265								
	INSURANCE									
	UTILITIES									
	GAS	6300	200		53	147	50.0	26.5	94-	47.0-
8539	ELECTRICITY	6305	80000		44966	35034	50.0	56.2	9,931	12.4
8539	UTILITIES		80200		45019	35181	50.0	56.1	9,838	12.2
	REPR/MAINT-OUTSIDE LABO									
	DISASTER REPAIRS	6351								
	ELECTRICAL R&M	6355	5000		381	4619	50.0	7.6	4,238-	84.7-
	PLUMBING EQUIPMENT R&M	6357								
69695	STREETS & STRUCTURES R	6360	1176457	2,311-	1029818	148950	50.0	87.5	883,178	75.0
	FIXED EQUIPMENT R&M	6380	2000			2000	50.0		2,000-	100.0-
	MINOR EQUIPMENT R&M	6382	2500			2500	50.0		2,500-	100.0-
1589	MOTOR VEHICLE EQ. R&M	6384	35000	7,342	5184	22474	50.0	14.8	24,632-	70.3-
2435	CONSTRUCTION EQUIP R&M	6386	20000	28	2838	17134	50.0	14.1	14,324-	71.6-
	AGRICULTURAL EQ. R&M	6387								
1052	COMMUNICATION EQ. R&M	6390	2000		1052	948	50.0	52.6	103	5.1
	TOW IN CHARGES	6398	2000		550	1450	50.0	27.5	899-	44.9-
	OTHER REPAIRS AND MAIN	6399								
74771	REPR/MAINT-OUTSIDE L		1244957	5,059	1039823	200075	50.0	83.5	834,688	67.0
	RENTALS									
	AUTOMOTIVE EQ. RENT	6415								
2724	MACHINERY RENT	6420	7500		6165	1336	50.0	82.2	4,830	64.4
	CYLINDER RENT	6425								
179	UNIFORM RENT	6430	3500		1268	2232	50.0	36.2	964-	27.5-
	OTHER RENT	6449								
2903	RENTALS		11000		7433	3567	50.0	67.5	3,865	35.1

	OTHER SERVICES & CHARGE								
	REGISTRATION FEE/TUITI 6845	1000			1000	50.0		1,000-	100.0-
	SERVICES NOT SPECIFIED 6999								
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	OTHER SERVICES & CHA	1000			1000	50.0		1,000-	100.0-
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86213	OTHER SERVICES & CHAR	1340957	5,661	1093534	241761	50.0	81.5	846,111	63.0
	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								
10210	OTHER EQUIPMENT 7399	15000	4,619	10210	171	50.0	68.0	5,420	36.1
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10210	MACHINERY AND EQUIPM	15000	4,619	10210	171	50.0	68.0	5,420	36.1
	VEHICLES								
	AUTOMOBILES 7400								
	PICK UP TRUCKS 7420								
	DUMP TRUCKS 7440								
	SPECIAL TRUCKS 7450								
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	VEHICLES								
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10210	CAPITAL OUTLAY	15000	4,619	10210	171	50.0	68.0	5,420	36.1
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169871	EXPENDITURES	2388979	23,137	1471607	894234	50.0	61.5	554,234	23.1

009677 - W&S O&M-SEWER LAGOON DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
11786	REGULAR WAGES 4000	149729		55311	94418	50.0 36.9	39,107-	26.1-
	DISASTER RECOVERY WAGE 4010							
410	OVERTIME 4300	20000		2726	17274	50.0 13.6	14,548-	72.7-
	DISASTER RECOVERY OVER 4310							
12197	SALARIES	169729		58037	111692	50.0 34.1	53,655-	31.6-
	EMPLOYEE BENEFITS							
1921	STATE RETIREMENT 4600	26740		9141	17599	50.0 34.1	8,458-	31.6-
902	F.I.C.A. TAXES 4700	12990		4256	8734	50.0 32.7	4,478-	34.4-
1745	HOSPITALIZATION INS. 4800	54600		9890	44710	50.0 18.1	34,820-	63.7-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	50.0	1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	6100			6100	50.0	6,100-	100.0-
4568	EMPLOYEE BENEFITS	101430		23287	78143	50.0 22.9	54,855-	54.0-
16764	PERSONAL SERVICES	271159		81324	189835	50.0 29.9	108,511-	40.0-
	OFFICE SUPPLIES							
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100							
	MEDICAL SUPPLIES 5120	500			500	50.0	500-	100.0-
	CHEMICALS 5130	160000	6,121	60724	93155	50.0 37.9	38,551-	24.0-
1102	GAS AND OIL 5250	10000		5212	4788	50.0 52.1	424	4.2
	LUBRICANTS 5255	4000			4000	50.0	4,000-	100.0-
37	DIESEL FUEL 5257	5000		99	4902	50.0 1.9	4,802-	96.0-
	OTHER FUEL 5260							
	WEARING APPAREL 5355	500		217	283	50.0 43.4	65-	13.0-
	CONCRETE, CEMENT, ETC. 5405							
	SAND, CLAY, GRVL, FILL DI 5415							
100	HAND TOOLS 5450	1000		100	900	50.0 10.0	799-	79.9-
65	MINOR EQUIPMENT 5460	5000		65	4936	50.0 1.3	4,870-	97.4-
	METER PARTS 5485							
	VALVE PARTS 5490							
583	PUMPING EQUIPMENT PART 5495	150000		3678	146322	50.0 2.4	142,644-	95.0-
	OTHER OPERATING MATL/S 5590	4000		438	3562	50.0 10.9	3,124-	78.1-
1887	OPERATING SUPPLIES	340000	6,121	70532	263347	50.0 20.7	198,936-	58.5-
	REPAIR & MAINTENANCE SP							
	BUILDING MATERIALS & S 5600	100			100	50.0	100-	100.0-
1945	ELECTRICAL SUPPLIES 5605	25000		6371	18629	50.0 25.4	12,258-	49.0-
	PLUMBING SUPPLIES 5610	3000		177	2823	50.0 5.9	2,646-	88.2-
	STRUCTURAL STEEL & IRO 5620							
	PAINT AND PAINTING SPL 5650							
977	MTR VEHICLE REP. PTS/S 5700	6000		2157	3843	50.0 35.9	1,686-	28.1-
	COMMUNICATION REPAIR P 5750							
	EXPENDABLE WELDING SPL 5770							
	OTHER REPAIR/MAINT. SP 5990							
	DISASTER REPAIR SUPPLI 5995							
2922	REPAIR & MAINTENANCE	34100		8706	25394	50.0 25.5	16,688-	48.9-

4809	SUPPLIES AND EXPENSES	374100	6,121	79237	288741	50.0	21.1	215,625-	57.6-
	PROFESSIONAL SERVICES								
12471	CONSULTANT SERV/SURVEY 6020								
	LEGAL 6025	500000		23194	476806	50.0	4.6	453,611-	90.7-
	MEDICAL 6027								
1103	OTHER PROFESSIONAL SER 6049	50000		17600	32400	50.0	35.2	14,800-	29.6-
13574	PROFESSIONAL SERVICE	550000		40794	509206	50.0	7.4	468,412-	85.1-
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	2000			2000	50.0		2,000-	100.0-
50	FREIGHT 6120	500		107	393	50.0	21.4	286-	57.2-
	MESSENGER/EXPRESS SERV 6130								
50	TRANSPORTATION	2500		107	2393	50.0	4.2	2,286-	91.4-
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255								
	AUTOMOBILE INSURANCE 6265								
	INSURANCE								
	UTILITIES								
63564	ELECTRICITY 6305	720000		361661	358339	50.0	50.2	3,321	.4
	INTERFUND ENERGY REIMB 6307								
63564	UTILITIES	720000		361661	358339	50.0	50.2	3,321	.4
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	DISASTER REPAIRS 6351								
4411	ELECTRICAL R&M 6355	24000	321	11691	11988	50.0	48.7	618-	2.5-
93344	FIXED EQUIPMENT R&M 6380	1191868	11,536	745610	434722	50.0	62.5	299,351	25.1
	MINOR EQUIPMENT R&M 6382								
1540	MOTOR VEHICLE EQ. R&M 6384	4000		1752	2248	50.0	43.8	496-	12.4-
	CONSTRUCTION EQUIP R&M 6386								
	COMMUNICATION EQ. R&M 6390								
	DISINFECT./EXTERMINATI 6394	600		240	360	50.0	40.0	120-	20.0-
	TOW IN CHARGES 6398	300			300	50.0		300-	100.0-
	OTHER REPAIRS AND MAIN 6399	1000		350	650	50.0	35.0	300-	30.0-
99295	REPR/MAINT-OUTSIDE L	1221768	11,857	759643	450268	50.0	62.1	297,518	24.3
	RENTALS								
	MACHINERY RENT 6420								
103	UNIFORM RENT 6430	2000		837	1163	50.0	41.8	326-	16.3-
103	RENTALS	2000		837	1163	50.0	41.8	326-	16.3-
	OTHER SERVICES & CHARGE								
	SETTLEMT OF DAMAGE CLA 6700	165000			165000	50.0		165,000-	100.0-
	DUES AND MEMBERSHIPS 6840	1000			1000	50.0		1,000-	100.0-
	REGISTRATION FEE/TUITI 6845	1000			1000	50.0		1,000-	100.0-
	SERVICES NOT SPECIFIED 6999	13000			13000	50.0		13,000-	100.0-
	OTHER SERVICES & CHA	180000			180000	50.0		180,000-	100.0-
176585	OTHER SERVICES & CHAR	2676268	11,857	1163041	1501370	50.0	43.4	350,185-	13.0-

	IMPROVEMENT OTHER THAN								
	SEWERS	7220							
	CDBG-WIS PAK	7220 46							
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	SEWERS								
	STREETS & ROADWAYS	7230							
	OTHER IMPROVEMENTS	7295							
	BONHOMIE RD PUMPING S	7295 47							
-----			-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS								
-----			-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	AGRICULTURAL EQUIPMENT	7335	10000		10000	50.0		10,000-	100.0-
	COMMUNICATION EQUIPMEN	7355							
	OTHER EQUIPMENT	7399							
-----			-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM		10000		10000	50.0		10,000-	100.0-
	VEHICLES								
	AUTOMOBILES	7400							
	SPECIAL TRUCKS	7450							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY		10000		10000	50.0		10,000-	100.0-
	CAPITAL LEASE PAYMENTS								
	ENERGY IMPR LEASE	8517							
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL LEASE PAYMEN								
	INTEREST ON CAPITAL LEA								
	ENERGY IMPR LEASE	8617							
-----			-----	-----	-----	-----	-----	-----	-----
	INTEREST ON CAPITAL								
-----			-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE								
-----			-----	-----	-----	-----	-----	-----	-----
198158	EXPENDITURES		3331527	17,978	1323603	1989946	50.0 39.7	684,321-	20.5-

010451 - W&S B&I-REVENUE OBLIGATIONS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
	CONSULTANT SERV/SURVEY 6020								
	LEGAL 6025								
	OTHER PROFESSIONAL SER 6049								
	BONDS REDEEMED								
	GENERAL ISSUES 8000	2111000		555000	1556000	50.0	26.2	1,001,000-	47.4-
	REVENUE ISSUES 8010	2930000		50000	2880000	50.0	1.7	2,830,000-	96.5-
	5 YEAR NOTE PRINCIPAL 8021								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	5041000		605000	4436000	50.0	12.0	3,831,000-	75.9-
	INTEREST ON BONDS								
40899	GENERAL ISSUES 8100	264555		135052	129503	50.0	51.0	5,549	2.0
	REVENUE ISSUES 8110	2208893		764459	1444434	50.0	34.6	679,975-	30.7-
	5 YEAR NOTE INTEREST 8121								
-----		-----	-----	-----	-----	-----	-----	-----	-----
40899	INTEREST ON BONDS	2473448		899512	1573936	50.0	36.3	674,423-	27.2-
	PAYING AGENT FEES								
530	GENERAL ISSUES 8400	9000		2530	6470	50.0	28.1	3,939-	43.7-
	REVENUE ISSUES 8410	6000			6000	50.0		6,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
530	PAYING AGENT FEES	15000		2530	12470	50.0	16.8	9,939-	66.2-
-----		-----	-----	-----	-----	-----	-----	-----	-----
41429	DEBT SERVICE	7529448		1507042	6022406	50.0	20.0	4,515,363-	59.9-
-----		-----	-----	-----	-----	-----	-----	-----	-----
41429	EXPENDITURES	7529448		1507042	6022406	50.0	20.0	4,515,363-	59.9-

010500 - W&S B&I-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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						
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F						
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

011451 - WATER & SEWER-REV.OBLIGATN

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
7984	NOTE PRINCIPAL SRF NOTE	8222	96000		47462	48538	50.0	49.4	1,076-	1.1-
7984	NOTE PRINCIPAL		96000		47462	48538	50.0	49.4	1,076-	1.1-
305	INTEREST ON NOTES SRF NOTE	8332	3467		2272	1195	50.0	65.5	1,077	31.0
305	INTEREST ON NOTES		3467		2272	1195	50.0	65.5	1,077	31.0
2550	PAYING AGENT FEES REVENUE ISSUES	8410	11000		7900	3100	50.0	71.8	4,800	43.6
2550	PAYING AGENT FEES		11000		7900	3100	50.0	71.8	4,800	43.6
	CAPITAL LEASE PAYMENTS 2012 EQUIP LEASE	8514								
	CAPITAL LEASE PAYMEN INTEREST ON CAPITAL LEA 2012 EQUIP LEASE	8614								
	INTEREST ON CAPITAL									
10839	DEBT SERVICE		110467		57634	52833	50.0	52.1	4,801	4.3
10839	EXPENDITURES		110467		57634	52833	50.0	52.1	4,801	4.3

011500 - WATER & SEWER-TRANSFERS

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
TRANSFERS TO OTHER FUND									
880940	T/T GENERAL FUND 9000 01	500000			500000	50.0		500,000-	100.0-
	T/T WATER & SEWER O&M 9000 09	10450000		5164361	5285639	50.0	49.4	121,278-	1.1-
	T/T WATER & SEWER B&I 9000 10								
	T/T WATER & SEWER B&I 9000 10A								
75000	T/T WATER & SEWER B&I 9000 10B	900000		450000	450000	50.0	50.0		
131250	T/T WATER & SEWER B&I 9000 10C	1575000		787500	787500	50.0	50.0		
266667	T/T WATER & SEWER B&I 9000 10D	3200000		1600000	1600000	50.0	50.0		
40000	T/T 2010 W&S GO BOND 9000 10GO	480000		240000	240000	50.0	50.0		
58333	T/T W&SB&I (METER GO) 9000 10M	700000		350000	350000	50.0	50.0		
126667	T/T 2016 W&S REF BONDS 9000 10REF	1520000		760000	760000	50.0	50.0		
	T/T W&SB&I-USA YEAST P 9000 15								
	T/T WATER & SEWER CONT 9000 17								
	T/T W & S CONSTRUCTION 9000 75	2225133			2225133	50.0		2,225,133-	100.0-
	T/T 2010 W&S GO BOND 9000 99								
157857	TRANSFERS TO OTHER F	21550133		9351861	12198272	50.0	43.3	2,846,411-	13.2-
157857	TRANSFERS	21550133		9351861	12198272	50.0	43.3	2,846,411-	13.2-
157857	EXPENDITURES	21550133		9351861	12198272	50.0	43.3	2,846,411-	13.2-

011660 - WATER & SEWER-CUST.ACCT.DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	RENTALS								
108	OFFICE EQUIPMENT RENT 6410	2000		647	1353	50.0	32.3	706-	35.3-
108	RENTALS	2000		647	1353	50.0	32.3	706-	35.3-
	OTHER SERVICES & CHARGE								
	DEPR. EXPENSE - METERS 6800								
	CASH OVERAGE/SHORTAGE 6819								
206	BANK SERV/TRF FEE 6832	2700		1232	1468	50.0	45.6	236-	8.7-
	REFUNDS 6835								
397	WATER RELATED REFUND 6835 WTR	15000		35136	20136-	50.0	234.2	55,272	368.4
397	REFUNDS	15000		35136	20136-	50.0	234.2	55,272	368.4
	NSF CHECKS 6836								
	BAD DEBT EXPENSE 6837								
98	BANK NSF FEES 6838	2000		680	1320	50.0	34.0	640-	32.0-
	OTHER INCOME EXPENSE 6839	5000			5000	50.0		5,000-	100.0-
701	OTHER SERVICES & CHA	24700		37048	12348-	50.0	149.9	49,396	199.9
808	OTHER SERVICES & CHAR	26700		37695	10995-	50.0	141.1	48,690	182.3
808	EXPENDITURES	26700		37695	10995-	50.0	141.1	48,690	182.3

012452 - 1999 TAX INCRE B&I-GEN OBLIGA

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OTHER SERVICES & CHARGE							
	PROP.TAX COLL. FEES .0	6830						
	PROP.TAX COLL. FEES.00	6831						
	BANK SERV/TRF FEE	6832						
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BONDS REDEEMED							
	IND/ECON DEV ISSUES	8020						
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED							
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES	8120						
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS							
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES	8420						
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES							
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

012500 - '99 TIF B&I-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	6895			6895	50.0	6,895- 100.0-
-----		-----	-----	-----	-----	-----	-----
TRANSFERS TO OTHER F		6895			6895	50.0	6,895- 100.0-
-----		-----	-----	-----	-----	-----	-----
TRANSFERS		6895			6895	50.0	6,895- 100.0-
-----		-----	-----	-----	-----	-----	-----
EXPENDITURES		6895			6895	50.0	6,895- 100.0-

013450 - CITY B&I-GENERAL OBLIGATIONS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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							
1065	PROP.TAX COLL. FEES .0 6830	14000		5434	8566	50.0 38.8	3,131-	22.3-
2383	PROP.TAX COLL. FEES.00 6831	19000		14195	4805	50.0 74.7	9,389	49.4
	BANK SERV/TRF FEE 6832							
-----		-----	-----	-----	-----	-----	-----	-----
3449	OTHER SERVICES & CHA	33000		19629	13371	50.0 59.4	6,258	18.9
-----		-----	-----	-----	-----	-----	-----	-----
3449	OTHER SERVICES & CHAR	33000		19629	13371	50.0 59.4	6,258	18.9
	BONDS REDEEMED							
	GENERAL ISSUES 8000	1700000		1595000	105000	50.0 93.8	1,489,999	87.6
	IND/ECON DEV ISSUES 8020							
	5 YEAR NOTE PRINCIPAL 8021							
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	1700000		1595000	105000	50.0 93.8	1,489,999	87.6
	INTEREST ON BONDS							
	GENERAL ISSUES 8100	223350		123200	100150	50.0 55.1	23,049	10.3
	IND/ECON DEV ISSUES 8120							
	5 YEAR NOTE INTEREST 8121							
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	223350		123200	100150	50.0 55.1	23,049	10.3
	PAYING AGENT FEES							
	GENERAL ISSUES 8400	12000		5200	6800	50.0 43.3	1,599-	13.3-
	IND/ECON DEV ISSUES 8420							
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	12000		5200	6800	50.0 43.3	1,599-	13.3-
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE	1935350		1723400	211950	50.0 89.0	1,511,449	78.0
-----		-----	-----	-----	-----	-----	-----	-----
3449	EXPENDITURES	1968350		1743029	225321	50.0 88.5	1,517,707	77.1

014599 - SCHOOL FUND-MISC.CHARGES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	OTHER SERVICES & CHARGE						
7702	PROP.TAX COLL. FEES .0 6830			39027	39027-		78,054
13223	PROP.TAX COLL. FEES.00 6831			83932	83932-		167,864
-----		-----	-----	-----	-----	-----	-----
20925	OTHER SERVICES & CHA			122959	122959-		245,918
-----		-----	-----	-----	-----	-----	-----
20925	OTHER SERVICES & CHAR			122959	122959-		245,918
-----		-----	-----	-----	-----	-----	-----
20925	EXPENDITURES			122959	122959-		245,918

015451 - W&S B&I USA YEAST-REV OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	BONDS REDEEMED REVENUE ISSUES	8010						
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED INTEREST ON BONDS REVENUE ISSUES	8110						
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS PAYING AGENT FEES REVENUE ISSUES	8410						
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES							
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

015500 - W&S B&I USA YEAST-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	22	-----	-----	22	50.0	22- 100.0-
	TRANSFERS TO OTHER F	22	-----	-----	22	50.0	22- 100.0-
-----	TRANSFERS	22	-----	-----	22	50.0	22- 100.0-
	EXPENDITURES	22	-----	-----	22	50.0	22- 100.0-

018701 - P&FD&R-TRUST AND AGENCY

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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						
15205	OTHER PROFESSIONAL SER 6049			22335	22335-		44,670
-----		-----	-----	-----	-----	-----	-----
15205	PROFESSIONAL SERVICE			22335	22335-		44,670
	OTHER SERVICES & CHANGE						
212194	PENSION EXPENSE 6825			1267312	1267312-		2,534,624
608	PROP.TAX COLL. FEES .0 6830			2978	2978-		5,955
1366	PROP.TAX COLL. FEES.00 6831			8130	8130-		16,260
	REFUNDS 6835						
	PFDR ACC. CONTRI. REF 6835 PFDR						
-----		-----	-----	-----	-----	-----	-----
	REFUNDS						
-----		-----	-----	-----	-----	-----	-----
214168	OTHER SERVICES & CHA			1278420	1278420-		2,556,840
-----		-----	-----	-----	-----	-----	-----
229373	OTHER SERVICES & CHAR			1300755	1300755-		2,601,510
-----		-----	-----	-----	-----	-----	-----
229373	EXPENDITURES			1300755	1300755-		2,601,510

019100 - POL.FORFEITURES-POLICE DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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							
2158	OTHER OPER.MATLS-K-9 S 5590	12000		4817	7183	50.0 40.1	2,366-	19.7-
1454	OTHER OPER.MATLS-CRIME 5591	29441	2,124	9347	17970	50.0 31.7	10,747-	36.5-
	OTHER OPER.MATLS-D.A.R 5592							
	OTHER OPER-NON-SWORN C 5595							
	PAINT AND PAINTING SPL 5650							
	COMMUNICATION REPAIR P 5750							
	MINOR COMPUTER EQUIP. 5800							
3612	OPERATING SUPPLIES	41441	2,124	14163	25154	50.0 34.1	13,115-	31.6-
3612	SUPPLIES AND EXPENSES	41441	2,124	14163	25154	50.0 34.1	13,115-	31.6-
	PROFESSIONAL SERVICES							
	METRO CRIME STOPPERS 6039	10000		10000		50.0 100.0	10,000	100.0
	FEES - NON-SWORN CLASS 6044							
	OTHER PROFESSIONAL SER 6049							
	PROFESSIONAL SERVICE	10000		10000		50.0 100.0	10,000	100.0
	COMMUNICATIONS							
	TELEPHONE AND TELEGRAP 6060							
	COMMUNICATIONS							
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
	TRAVEL EXP-M/C TRAININ 6112	3600			3600	50.0	3,600-	100.0-
	TRAVEL EXP-K-9 TRAININ 6113							
	TRAVEL EXP-TELECOMMUNI 6114							
	TRAVEL/REG-NON SWORN P 6117							
	FREIGHT 6120							
	TRANSPORTATION	3600			3600	50.0	3,600-	100.0-
	ADVERTISING							
	ADVERTISING 6150							
	ADVERTISING							
	PRINTING AND BINDING							
	PRINTING 6200							

	PRINTING AND BINDING								
	OTHER SERVICES & CHARGE								
	EVIDENCE BUY MONEY 6817								
	GRANT RELATED REFUND 6835 STATE								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	EVIDENCE BUY MONEY								
	DUES AND MEMBERSHIPS 6840	3000		2500	500	50.0	83.3	2,000	66.6
	REGISTRATION FEE/TUITI 6845								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA	3000		2500	500	50.0	83.3	2,000	66.6
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR	16600		12500	4100	50.0	75.3	8,399	50.5
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	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		1206	57711	50.0	2.0	56,505-	95.9-
-----		-----	-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM	58917		1206	57711	50.0	2.0	56,505-	95.9-
	VEHICLES								
	AUTOMOBILES 7400	200000			200000	50.0		200,000-	100.0-
	MOTORCYCLES 7405								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	VEHICLES	200000			200000	50.0		200,000-	100.0-
	OTHER								
	ZOOLOGICAL ANIMALS 7505								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	258917		1206	257711	50.0	.4	256,505-	99.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
3612	EXPENDITURES	316958	2,124	27869	286965	50.0	8.7	261,220-	82.4-

020452 - 2002 TIF B&I-S/P GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	140000		140000		50.0 100.0	139,999	99.9
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	140000		140000		50.0 100.0	139,999	99.9
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	104033		53714	50319	50.0 51.6	3,394	3.2
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	104033		53714	50319	50.0 51.6	3,394	3.2
	PAYING AGENT FEES							
1250	IND/ECON DEV ISSUES 8420	2000		1250	750	50.0 62.5	499	24.9
-----		-----	-----	-----	-----	-----	-----	-----
1250	PAYING AGENT FEES	2000		1250	750	50.0 62.5	499	24.9
-----		-----	-----	-----	-----	-----	-----	-----
1250	DEBT SERVICE	246033		194964	51069	50.0 79.2	143,895	58.4
-----		-----	-----	-----	-----	-----	-----	-----
1250	EXPENDITURES	246033		194964	51069	50.0 79.2	143,895	58.4

021452 - 2004 TIF B&I-H/D GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	OTHER SERVICES & CHARGE						
	PROP.TAX COLL. FEES .0 6830						
	PROP.TAX COLL. FEES.00 6831						
	BANK SERV/TRF FEE 6832						
-----		-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA						
-----		-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR						
	BONDS REDEEMED						
	IND/ECON DEV ISSUES 8020						
-----		-----	-----	-----	-----	-----	-----
	BONDS REDEEMED						
	INTEREST ON BONDS						
	IND/ECON DEV ISSUES 8120						
-----		-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS						
	PAYING AGENT FEES						
	IND/ECON DEV ISSUES 8420						
-----		-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES						
-----		-----	-----	-----	-----	-----	-----
	DEBT SERVICE						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

021500 - '02 TIF B&I-H/D-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	67570			67570	50.0	67,570- 100.0-
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F	67570			67570	50.0	67,570- 100.0-
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS	67570			67570	50.0	67,570- 100.0-
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	67570			67570	50.0	67,570- 100.0-

022452 - 2003 TIF B&I-C/S GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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								
50000	IND/ECON DEV ISSUES	8020	120000	50000	70000	50.0	41.6	20,000-	16.6-
-----			-----	-----	-----	-----	-----	-----	-----
50000	BONDS REDEEMED		120000	50000	70000	50.0	41.6	20,000-	16.6-
	INTEREST ON BONDS								
46350	IND/ECON DEV ISSUES	8120	71688	46350	25338	50.0	64.6	21,012	29.3
-----			-----	-----	-----	-----	-----	-----	-----
46350	INTEREST ON BONDS		71688	46350	25338	50.0	64.6	21,012	29.3
	PAYING AGENT FEES								
1000	IND/ECON DEV ISSUES	8420	2000	1000	1000	50.0	50.0		
-----			-----	-----	-----	-----	-----	-----	-----
1000	PAYING AGENT FEES		2000	1000	1000	50.0	50.0		
-----			-----	-----	-----	-----	-----	-----	-----
97350	DEBT SERVICE		193688	97350	96338	50.0	50.2	1,012	.5
-----			-----	-----	-----	-----	-----	-----	-----
97350	EXPENDITURES		193688	97350	96338	50.0	50.2	1,012	.5

022500 - '03 TIF B&I-C/S-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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							
-----		TRANSFERS TO OTHER F	-----	-----	-----	-----	-----	-----
-----		TRANSFERS	-----	-----	-----	-----	-----	-----
-----		EXPENDITURES	-----	-----	-----	-----	-----	-----

023452 - 2007 TIF B&I-T/C GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	375000			375000	50.0	375,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	375000			375000	50.0	375,000- 100.0-
	INTEREST ON BONDS						
	IND/ECON DEV ISSUES 8120	76441			76441	50.0	76,441- 100.0-
-----		-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	76441			76441	50.0	76,441- 100.0-
	PAYING AGENT FEES						
	IND/ECON DEV ISSUES 8420	3500			3500	50.0	3,500- 100.0-
-----		-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	3500			3500	50.0	3,500- 100.0-
-----		-----	-----	-----	-----	-----	-----
	DEBT SERVICE	454941			454941	50.0	454,941- 100.0-
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	454941			454941	50.0	454,941- 100.0-

024452 - 2008 TIF B&I-L/C GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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							
45000	IND/ECON DEV ISSUES 8020	45000		45000		50.0 100.0	45,000	100.0
-----		-----	-----	-----	-----	-----	-----	-----
45000	BONDS REDEEMED	45000		45000		50.0 100.0	45,000	100.0
	INTEREST ON BONDS							
11600	IND/ECON DEV ISSUES 8120	11600		11600		50.0 100.0	11,599	99.9
-----		-----	-----	-----	-----	-----	-----	-----
11600	INTEREST ON BONDS	11600		11600		50.0 100.0	11,599	99.9
	PAYING AGENT FEES							
850	IND/ECON DEV ISSUES 8420	1000		850	150	50.0 85.0	700	70.0
-----		-----	-----	-----	-----	-----	-----	-----
850	PAYING AGENT FEES	1000		850	150	50.0 85.0	700	70.0
-----		-----	-----	-----	-----	-----	-----	-----
57450	DEBT SERVICE	57600		57450	150	50.0 99.7	57,300	99.4
-----		-----	-----	-----	-----	-----	-----	-----
57450	EXPENDITURES	57600		57450	150	50.0 99.7	57,300	99.4

025452 - 2011 TIF B&I-KOHL'S GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	75000			75000	50.0	75,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	75000			75000	50.0	75,000- 100.0-
	INTEREST ON BONDS						
	IND/ECON DEV ISSUES 8120	16000		8000	8000	50.0 50.0	
-----		-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	16000		8000	8000	50.0 50.0	
	PAYING AGENT FEES						
	IND/ECON DEV ISSUES 8420	2000		1940	60	50.0 97.0	1,879 93.9
-----		-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	2000		1940	60	50.0 97.0	1,879 93.9
-----		-----	-----	-----	-----	-----	-----
	DEBT SERVICE	93000		9940	83060	50.0 10.6	73,119- 78.6-
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	93000		9940	83060	50.0 10.6	73,119- 78.6-

026452 - 2016 TIF B&I-WHISP PINES EXPEN

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	156000			156000	50.0	156,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	156000			156000	50.0	156,000-	100.0-
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	123863		61931	61932	50.0 49.9	1-	
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	123863		61931	61932	50.0 49.9	1-	
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420	1300		1740	440-	50.0 133.8	2,180	167.6
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	1300		1740	440-	50.0 133.8	2,180	167.6
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE	281163		63671	217492	50.0 22.6	153,821-	54.7-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	281163		63671	217492	50.0 22.6	153,821-	54.7-

027500 - TAX COLLECTOR'S-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
TRANSFERS TO OTHER FUND							
2969936	T/T GENERAL FUND 9000 01			15553414	15553414-		31,106,828
	T/T GENERAL FD-C.C. FE 9000 01CC						
	T/T GENERAL FD-EXCESS 9000 01EB						
	T/T GENERAL FD-CHKG IN 9000 01CHK						
15267	T/T GENERAL FD-INT/PEN 9000 01IP			75277	75277-		150,554
149375	T/T PARKS & RECREATION 9000 02			784977	784977-		1,569,954
145392	T/T LIBRARY 9000 04			764063	764063-		1,528,125
	T/T 1999 TAX INCRE B&I 9000 12						
433070	T/T CITY B & I 9000 13			2279351	2279351-		4,558,701
2387680	T/T SCHOOL FUND 9000 14			14532343	14532343-		29,064,686
331748	T/T SCHOOL-1988 SCH.BO 9000 14SB			1910782	1910782-		3,821,564
248136	T/T POL/FIRE DIS./RELI 9000 18			1302862	1302862-		2,605,724
	T/T 2002 TIF B&I-SP 9000 20						
	T/T 2004 TIF B&I-HD 9000 21						
	T/T 2003 TIF B&I-CS 9000 22						
	T/T 2007 TIF B&I-TC 9000 23						
	T/T 2008 TIF B&I-LC 9000 24						
	T/T 2011 TIF B&I-TC KO 9000 25						
	T/T '16 TIF B&I-WHISPE 9000 26						
	T/T 2016 TIF B&I-HBURG 9000 28						
	T/T 2015A TIF B&I-RIDG 9000 50			20000	20000-		39,999
	T/T 2015B TIF B&I-MIDT 9000 51			15000	15000-		30,000
37046	T/T MASS TRANSIT OPER. 9000 73			194875	194875-		389,750
	T/T 2008 TIF CONSTR-LC 9000 90						
6717650	TRANSFERS TO OTHER F			37432945	37432945-		74,865,890
6717650	TRANSFERS			37432945	37432945-		74,865,890
6717650	EXPENDITURES			37432945	37432945-		74,865,890

028452 - 2016 TIF B&I-HBRG CLINIC MIDTN

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	44000		44000		50.0 100.0	43,999	99.9
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	44000		44000		50.0 100.0	43,999	99.9
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	32045		32045		50.0 100.0	32,044	99.9
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	32045		32045		50.0 100.0	32,044	99.9
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420							
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES							
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE	76045		76045		50.0 100.0	76,045	100.0
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	76045		76045		50.0 100.0	76,045	100.0

039551 - AIRPORT IMPR.-AIRPORT DIV

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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					
	DISINFECT./EXTERMINATI	6394					
	OTHER REPAIRS AND MAIN	6399					
	AUTOMOTIVE EQ. RENT	6415					
	OTHER RENT	6449					
-----			-----	-----	-----	-----	-----
REPR/MAINT-OUTSIDE L							
-----			-----	-----	-----	-----	-----
OTHER SERVICES & CHAR							
IMPROVEMENT OTHER THAN							
	STREETS & ROADWAYS	7230					
	STREET LIGHTING	7235					
	LIGHTING SYSTEM	7236					
	OTHER IMPROVEMENTS	7295					

	AIRPORT SIGN	7295 01	342378		342378	50.0		342,378-	100.0-
74453	AIRPORT IMP-FAA	7295 02	1016850	765934	250916	50.0	75.3	515,018	50.6
	MDOT-MULTIMODAL	7295 06							
	MISC.OTHER IMPROVEMEN	7295 99							
-----			-----	-----	-----	-----	-----	-----	-----
74453	OTHER IMPROVEMENTS		1359228	765934	593294	50.0	56.3	172,640	12.7
-----			-----	-----	-----	-----	-----	-----	-----
74453	IMPROVEMENT OTHER TH		1359228	765934	593294	50.0	56.3	172,640	12.7
	MACHINERY AND EQUIPMENT								
	DATA PROCESSING EQUIP.	7327							
	AGRICULTURAL EQUIPMENT	7335							
	COMMUNICATION EQUIPMEN	7355							
	OTHER EQUIPMENT	7399							
-----			-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM								
-----			-----	-----	-----	-----	-----	-----	-----
74453	CAPITAL OUTLAY		1359228	765934	593294	50.0	56.3	172,640	12.7
-----			-----	-----	-----	-----	-----	-----	-----
74453	EXPENDITURES		1359228	765934	593294	50.0	56.3	172,640	12.7

050452 - 2015A TIF B&I-RIDGE/TURTLE CRK

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	57000		57000		50.0 100.0	57,000 100.0
-----		-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	57000		57000		50.0 100.0	57,000 100.0
	INTEREST ON BONDS						
	IND/ECON DEV ISSUES 8120	62508		32038	30471	50.0 51.2	1,568 2.5
-----		-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	62508		32038	30471	50.0 51.2	1,568 2.5
	PAYING AGENT FEES						
	IND/ECON DEV ISSUES 8420	2000		1940	60	50.0 97.0	1,879 93.9
-----		-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	2000		1940	60	50.0 97.0	1,879 93.9
-----		-----	-----	-----	-----	-----	-----
	DEBT SERVICE	121508		90978	30531	50.0 74.8	60,448 49.7
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	121508		90978	30531	50.0 74.8	60,448 49.7

050602 - 2015 TIF B&I-RIDGE/MIDTOWN MAR

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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

6 Months Ending 03/31/18

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		50.0 100.0	10,000	100.0
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	10000		10000		50.0 100.0	10,000	100.0
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	10450		5500	4950	50.0 52.6	550	5.2
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	10450		5500	4950	50.0 52.6	550	5.2
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420	2000		1940	60	50.0 97.0	1,879	93.9
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	2000		1940	60	50.0 97.0	1,879	93.9
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE	22450		17440	5010	50.0 77.6	12,430	55.3
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	EXPENDITURES	22450		17440	5010	50.0 77.6	12,430	55.3

CITY OF HATTIESBURG

ALL FUNDS

ANNUAL	OPEN PO	YTD
BUDGET	& CONTRACTS	ACTUAL

OBJ / SUB

ANNUAL
BUDGET

OPEN PO
& CONTRACTS

YTD
ACTUAL

REMAINING
BALANCE

	PERCENT	PLAN	ACTUAL
1	100	100	100
2	100	100	100
3	100	100	100
4	100	100	100
5	100	100	100
6	100	100	100
7	100	100	100
8	100	100	100
9	100	100	100
10	100	100	100
11	100	100	100
12	100	100	100
13	100	100	100
14	100	100	100
15	100	100	100
16	100	100	100
17	100	100	100
18	100	100	100
19	100	100	100
20	100	100	100
21	100	100	100
22	100	100	100
23	100	100	100
24	100	100	100
25	100	100	100
26	100	100	100
27	100	100	100
28	100	100	100
29	100	100	100
30	100	100	100
31	100	100	100
32	100	100	100
33	100	100	100
34	100	100	100
35	100	100	100
36	100	100	100
37	100	100	100
38	100	100	100
39	100	100	100
40	100	100	100
41	100	100	100
42	100	100	100
43	100	100	100
44	100	100	100
45	100	100	100
46	100	100	100
47	100	100	100
48	100	100	100
49	100	100	100
50	100	100	100
51	100	100	100
52	100	100	100
53	100	100	100
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56	100	100	100
57	100	100	100
58	100	100	100
59	100	100	100
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62	100	100	100
63	100	100	100
64	100	100	100
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67	100	100	100
68	100	100	100
69	100	100	100
70	100	100	100
71	100	100	100
72	100	100	100
73	100	100	100
74	100	100	100
75	100	100	100
76	100	100	100
77	100	100	100
78	100	100	100
79	100	100	100
80	100	100	100
81	100	100	100
82	100	100	100
83	100	100	100
84	100	100	100
85	100	100	100
86	100	100	100
87	100	100	100
88	100	100	100
89	100	100	100
90	100	100	100
91	100	100	100
92	100	100	100
93	100	100	100
94	100	100	100
95	100	100	100
96	100	100	100
97	100		

....PROJECTED....
OVER/UNDER %

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

REPAIR & MAINTENANCE SP	
BUILDING MATERIALS & S	5600
PLUMBING SUPPLIES	5610
STRUCTURAL STEEL & IRO	5620

SUPPLIES AND EXPENSES

25391	ENGINEERING	6015
7000	APPRAISAL	6017
2631	LEGAL	6025
	OTHER PROFESSIONAL SER	6049

TRANSPORTATION	
TRAVEL EXPENSE	6110

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REPR/MAINT-OUTSIDE LABO
  STREETS & STRUCTURES R 6360
  MINOR EQUIPMENT R&M      6382
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RENTALS	
MACHINERY RENT	6420

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

OTHER SERVICES & CHA

375568	OTHER SERVICES & CHAR		1500000	612,762	777159	110078	50.0	51.8	54,318	3.6
	LAND									
1145	LAND	7000	1145		1145		50.0	100.0	1,144	99.9
	EASEMENTS	7010								
1145	LAND		1145		1145		50.0	100.0	1,144	99.9
	IMPROVEMENT OTHER THAN									
	BRIDGES	7210								
	34TH AVE PEDESTRIAN B	7210 01								
	28TH AVENUE BRIDGE	7210 02	308800		24220	284580	50.0	7.8	260,359-	84.3-
	12TH AVENUE BRIDGE	7210 03	1200		1101	99	50.0	91.7	1,002	83.5
	BARKLEY ROAD BRIDGE	7210 04								
	BRIDGES		310000		25321	284679	50.0	8.1	259,357-	83.6-
	DRAINS	7215								
	MOBILE ST (CDBG)	7215 14								
	DRAINS									
	SIDEWALKS	7225								
	SIDEWALKS-NON SPECIFI	7225 01	57479		57478	1	50.0	99.9	57,477	99.9
	MDOT-WOODLEY, ROWAN SC	7225 02								
	LONG LEAF TRACE/KP SI	7225 03								
	HWY 49 SIDEWALKS	7225 04								
	MDOT-HAWKINS SCHL SID	7225 05	15017			15017-	50.0		15,017-	100.0-
	MDOT-TUSCAN AVE SIDEW	7225 06	245441		235433	10008	50.0	95.9	225,424	91.8
	MDOT-LLT DEPOT TO CHA	7225 07	529780		5412	524368	50.0	1.0	518,956-	97.9-
	MDOT-J ED TURNER BIKE	7225 08	60350			60350	50.0		60,350-	100.0-
13825	EDWARDS ST PATHWAY	7225 09	13825		13825		50.0	100.0	13,825	100.0
2148	CAMP ST WALKING TRAIL	7225 10	100000		2148	97852	50.0	2.1	95,704-	95.7-
	GRANT-GORDON CREEK SI	7225 11	304372		165558	138814	50.0	54.3	26,744	8.7
	38TH AVE SIDEWALKS	7225 12	325000		27198	297802	50.0	8.3	270,604-	83.2-
3300	CLASSIC DRIVE BIKE TR	7225 13	45000		18832	26168	50.0	41.8	7,335-	16.3-
	LLT TO AFRICAN AMER M	7225 14	225000			225000	50.0		225,000-	100.0-
	GORDON CREEK PATHWAYS	7225 20								
	MAMIE STREET	7225 21								
19273	SIDEWALKS		1891230		525884	1365346	50.0	27.8	839,462-	44.3-
	STREETS & ROADWAYS	7230								
	UNETTA ST BRIDGE	7230 01								
15927	INDUSTRIAL PARK ROADS	7230 02								
	WESTERN BELTWAY	7230 03	214719		54233	160486	50.0	25.2	106,253-	49.4-
	NORTH-SOUTH CORRIDOR-	7230 04								
	RAILROAD CROSSING UPG	7230 05								
	BIKE LANES	7230 06								
	MDIP-HBURG CLINIC ACC	7230 07	413000		206112	206888	50.0	49.9	776-	.1-
	MDOT-4TH ST PHASE I	7230 08								
115609	MDOT-4TH ST PHASE II	7230 09	1455067		406591	1048476	50.0	27.9	641,884-	44.1-
	MDOT-FUTURE PROJECT	7230 10								
	E.4TH STREET	7230 11								
	LAKE FORGETFUL	7230 13								
	LAMAR BLVD-REGIONS	7230 14	900000			900000	50.0		900,000-	100.0-
	S 31ST AVE MIDTOWN	7230 15								
	MDA-NORTH 31ST AVENUE	7230 18								
	LAKEVIEW BRIDGE NORTH	7230 21								
	LAKEVIEW BRIDGE SOUTH	7230 22								
	FORREST STREET BRIDGE	7230 24								
	CTRY.CLUB RD. INTERSE	7230 25	50000			50000	50.0		50,000-	100.0-
	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	225000		225000	50.0		225,000- 100.0-	
	MDOT-B'WAY,MOBILE TE	7230	39							
	MDOT-34TH AVE TE	7230	40							
	MCLEOD ST BRIDGE	7230	41							
	BROAD ST BRIDGE	7230	42	31803	31802	1	50.0	99.9	31,800 99.9	
	MDOT-MARTIN LUTHER KI	7230	43	50000		50000	50.0		50,000- 100.0-	
	HARDY WIDENING #1-MDO	7230	48							
	RAWLS SPGS LOOP RD	7230	50							
	MDOT-LLT-US 49 TO MAI	7230	51	23727		23727	50.0		23,727- 100.0-	
	HARDY WIDENING #2-MDO	7230	52							
	ARRA-W PINE-B'WAY TO	7230	53							
	WATER TANK ACCESS RD	7230	54							
	CORRIDOR/INTERSECT.IM	7230	75							
	CHAUVET SQUARE PROJEC	7230	81							
	OTHER STREET IMPR.	7230	99							
-----				-----	-----	-----	-----	-----	-----	
131536	STREETS & ROADWAYS			3363316	698739	2664577	50.0	20.7	1,965,838- 58.4-	
	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							
	TRAF.SIGNAL-USM/4TH S	7295	55							
-----				-----	-----	-----	-----	-----	-----	
	OTHER IMPROVEMENTS									
-----				-----	-----	-----	-----	-----	-----	
150809	IMPROVEMENT OTHER TH			5564546	1249944	4314602	50.0	22.4	3,064,658- 55.0-	
	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									
-----				-----	-----	-----	-----	-----	-----	
151954	CAPITAL OUTLAY			5565691	1251088	4314603	50.0	22.4	3,063,514- 55.0-	
-----				-----	-----	-----	-----	-----	-----	
527522	EXPENDITURES			7065691	612,762	2028248	4424681	50.0	28.7	3,009,195- 42.5-

072460 - MUN.R&B FUND-CAPITAL LEASES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	CAPITAL LEASE PAYMENTS						
	TRACTOR LEASE '11 8512						
	BACKHOE LEASE '11 8514						
-----		-----	-----	-----	-----	-----	-----
	CAPITAL LEASE PAYMEN						
	INTEREST ON CAPITAL LEA						
	TRACTOR LEASE '11 8612						
	BACKHOE LEASE '11 8614						
-----		-----	-----	-----	-----	-----	-----
	INTEREST ON CAPITAL						
-----		-----	-----	-----	-----	-----	-----
	DEBT SERVICE						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

072500 - MUN.ROAD&BRIDGE-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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 SPECIAL STREET 9000 08						
		T/T COMMUNITY DEVELOPM 9000 82						
-----		TRANSFERS TO OTHER F	-----	-----	-----	-----	-----	-----
-----		TRANSFERS	-----	-----	-----	-----	-----	-----
-----		EXPENDITURES	-----	-----	-----	-----	-----	-----

073570 - MASS TRANSIT-TRANSPORTATION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
53379	REGULAR WAGES 4000	492275		221050	271225	50.0	44.9	50,174-	10.1-
	DISASTER RECOVERY WAGE 4010			736	736-			1,472	
5188	OVERTIME 4300	40000		23197	16803	50.0	57.9	6,394	15.9
	DISASTER RECOVERY OVER 4310								
58567	SALARIES	532275		244983	287292	50.0	46.0	42,309-	7.9-
	EMPLOYEE BENEFITS								
9224	STATE RETIREMENT 4600	83840		38585	45255	50.0	46.0	6,670-	7.9-
4307	F.I.C.A. TAXES 4700	40730		17823	22907	50.0	43.7	5,084-	12.4-
9860	HOSPITALIZATION INS. 4800	131400		55680	75720	50.0	42.3	20,040-	15.2-
	UNEMPLOYMENT BENEFITS 4900	5000		4231	769	50.0	84.6	3,462	69.2
	WORKMAN'S COMPENSATION 4910	15000			15000	50.0		15,000-	100.0-
23391	EMPLOYEE BENEFITS	275970		116319	159651	50.0	42.1	43,332-	15.7-
81959	PERSONAL SERVICES	808245		361301	446944	50.0	44.7	85,643-	10.5-
	OFFICE SUPPLIES								
	PAPER 5003	500			500	50.0		500-	100.0-
	PRINTED FORMS 5005	100		9	91	50.0	9.0	82-	82.0-
	OTHER EXPENDABLE OFF.S 5010	2500	254	559	1687	50.0	22.3	1,381-	55.2-
	MINOR OFFICE EQUIP/FUR 5020	10000		190	9810	50.0	1.9	9,619-	96.1-
	SUBSCRIPTIONS,MAGS,MAP 5050								
	BOOKS 5070								
	COMPUTER SUPPLIES 5080	1500			1500	50.0		1,500-	100.0-
	OFFICE SUPPLIES	14600	254	757	13589	50.0	5.1	13,085-	89.6-
	OPERATING SUPPLIES								
190	CLEANING/JANITORIAL SP 5100	1500		601	899	50.0	40.0	297-	19.8-
	FOOD 5115	1000			1000	50.0		1,000-	100.0-
	MEDICAL SUPPLIES 5120								
	CHEMICALS 5130	600			600	50.0		600-	100.0-
148	GAS AND OIL 5250	10000		2018	7982	50.0	20.1	5,964-	59.6-
	LUBRICANTS 5255	500			500	50.0		500-	100.0-
5015	DIESEL FUEL 5257	90000		30115	59885	50.0	33.4	29,769-	33.0-
	OTHER FUEL 5260								
	WEARING APPAREL 5355	2000			2000	50.0		2,000-	100.0-
	CONCRETE, CEMENT, ETC. 5405	3000			3000	50.0		3,000-	100.0-
	SAND,CLAY,GRVL,FILL DI 5415								
158	HAND TOOLS 5450	1000		658	342	50.0	65.8	316	31.6
	MINOR EQUIPMENT 5460	500			500	50.0		500-	100.0-
1	OTHER OPERATING MATL/S 5590	3200	481	1129	1589	50.0	35.2	941-	29.4-
5511	OPERATING SUPPLIES	113300	481	34520	78298	50.0	30.4	44,260-	39.0-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	1000		609	391	50.0	60.9	218	21.8
	ELECTRICAL SUPPLIES 5605	500			500	50.0		500-	100.0-
	PLUMBING SUPPLIES 5610	500			500	50.0		500-	100.0-
	PAINT AND PAINTING SPL 5650	500			500	50.0		500-	100.0-
5	MTR VEHICLE REP. PTS/S 5700	2500		524	1976	50.0	20.9	1,452-	58.0-

	REPAIR PARTS - BUSES	5710									
3276	REPAIR PARTS - FIXED R	5710 01	50000	3,417	14741	31842	50.0	29.4	20,518-	41.0-	
135	REPAIR PARTS - PARATRA	5710 02	10000	105	1319	8576	50.0	13.1	7,362-	73.6-	
	COMMUNICATION REPAIR P	5750	1500		266	1234	50.0	17.7	968-	64.5-	
	AGRICLTRL REPAIR PTS/S	5755									
	OTHER REPAIR/MAINT. SP	5990	2000		871	1129	50.0	43.5	257-	12.8-	
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3416	REPAIR & MAINTENANCE		68500	3,522	18330	46647	50.0	26.7	31,840-	46.4-	
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8927	SUPPLIES AND EXPENSES		196400	4,257	53608	138534	50.0	27.2	89,183-	45.4-	
	PROFESSIONAL SERVICES										
	AUDITING AND ACCOUNTIN	6010									
	ARCHITECTURAL	6012									
	CONSULTANT SERV/SURVEY	6020									
	BUILDING/BUS SECURITY	6021	20000		359	19641	50.0	1.7	19,282-	96.4-	
	MEDICAL	6027									
345	OTHER PROFESSIONAL SER	6049	10000		2130	7870	50.0	21.3	5,740-	57.4-	
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345	PROFESSIONAL SERVICE		30000		2489	27511	50.0	8.2	25,022-	83.4-	
	COMMUNICATIONS										
494	TELEPHONE AND TELEGRAP	6060	6500		2559	3941	50.0	39.3	1,382-	21.2-	
	POSTAGE	6070	200			200	50.0		200-	100.0-	
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494	COMMUNICATIONS		6700		2559	4141	50.0	38.1	1,582-	23.6-	
	TRANSPORTATION										
	TRAVEL EXPENSE	6110	7500			7500	50.0		7,500-	100.0-	
17	FREIGHT	6120	2500		39	2461	50.0	1.5	2,422-	96.8-	
	MESSENGER/EXPRESS SERV	6130									
-----			-----	-----	-----	-----	-----	-----	-----	-----	
17	TRANSPORTATION		10000		39	9961	50.0	.3	9,922-	99.2-	
	ADVERTISING										
60	ADVERTISING	6150	25000		60	24940	50.0	.2	24,880-	99.5-	
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60	ADVERTISING		25000		60	24940	50.0	.2	24,880-	99.5-	
	PRINTING AND BINDING										
	PRINTING	6200	2000		315	1685	50.0	15.7	1,370-	68.5-	
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	PRINTING AND BINDING		2000		315	1685	50.0	15.7	1,370-	68.5-	
	INSURANCE										
	PUBLIC LIAB/PROPERTY D	6255	55000		48022	6978	50.0	87.3	41,044	74.6	
	AUTOMOBILE INSURANCE	6265									
	SURETY AND FORGERY BON	6270									
-----			-----	-----	-----	-----	-----	-----	-----	-----	
	INSURANCE		55000		48022	6978	50.0	87.3	41,044	74.6	
	UTILITIES										
683	ELECTRICITY	6305	20000		4003	15997	50.0	20.0	11,993-	59.9-	
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683	UTILITIES		20000		4003	15997	50.0	20.0	11,993-	59.9-	
	REPR/MAINT-OUTSIDE LABO										
	BUILDING R&M	6350	1500		595	905	50.0	39.6	309-	20.6-	
	ELECTRICAL R&M	6355	5000		288	4712	50.0	5.7	4,424-	88.4-	
	PLUMBING EQUIPMENT R&M	6357									
	OFFICE EQUIPMENT R&M	6365	500			500	50.0		500-	100.0-	
	FIXED EQUIPMENT R&M	6380									
	MINOR EQUIPMENT R&M	6382									
	MOTOR VEHICLE EQ. R&M	6384	3000	33	599	2368	50.0	19.9	1,802-	60.0-	
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	REPR/MAINT-OUTSIDE L		10000	33	1481	8486	50.0	14.8	7,038-	70.3-	

	BUS EQUIPMENT R&M										
14933	BUS EQUIP R&M-FIXED RO	6385 01	72000	9,661	49338	13001	50.0	68.5	26,676	37.0	
	BUS EQUIP R&M-PARATRA	6385 02	30000	1,453	4306	24241	50.0	14.3	21,387-	71.2-	
	COMMUNICATION EQ. R&M	6390	10000		2418	7582	50.0	24.1	5,164-	51.6-	
	DISINFECT./EXTERMINATI	6394	250		96	154	50.0	38.4	58-	23.2-	
330	SIGN PAINTING	6396	1200		330	870	50.0	27.5	540-	45.0-	
	TOW IN CHARGES	6398	1500		500	1000	50.0	33.3	500-	33.3-	
	OTHER REPAIRS AND MAIN	6399	1500		83	1417	50.0	5.5	1,334-	88.9-	
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15263	BUS EQUIPMENT R&M		116450	11,114	57071	48265	50.0	49.0	2,308-	1.9-	
	RENTALS										
3000	BUILDING RENT	6405	3000		3000		50.0	100.0	3,000	100.0	
	CYLINDER RENT	6425									
439	UNIFORM RENT	6430	3000		2375	625	50.0	79.1	1,749	58.3	
	OTHER RENT	6449	500			500	50.0		500-	100.0-	
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3439	RENTALS		6500		5375	1125	50.0	82.6	4,249	65.3	
	OTHER SERVICES & CHARGE										
91	PROP.TAX COLL. FEES .0	6830			452	452-			903		
205	PROP.TAX COLL. FEES.00	6831			1413	1413-			2,826		
	DUES AND MEMBERSHIPS	6840	300		300		50.0	100.0	300	100.0	
	REGISTRATION FEE/TUITI	6845									
	LAUNDRY	6850									
	JARC-OPERATIONS	6868	265982		22568	243414	50.0	8.4	220,846-	83.0-	
	ARRA-OPERATIONS	6869									
	SERVICES NOT SPECIFIED	6999									
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296	OTHER SERVICES & CHA		266282		24733	241549	50.0	9.2	216,815-	81.4-	
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20596	OTHER SERVICES & CHAR		547932	11,147	146147	390639	50.0	26.6	255,638-	46.6-	
	BUILDING/BLD IMPROVEMEN										
	BUILDINGS	7100									
	BUS SHELTERS	7100 24	366878			366878	50.0		366,878-	100.0-	
	MASS TRANSIT FACILITY	7100 27	1487565	7,920		1479645	50.0		1,487,565-	100.0-	
	TRANSIT FACILITY ARCH	7100 29	223800		70037	153763	50.0	31.2	83,726-	37.4-	
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	BUILDINGS		2078243	7,920	70037	2000286	50.0	3.3	1,938,169-	93.2-	
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	BUILDING/BLD IMPROVE		2078243	7,920	70037	2000286	50.0	3.3	1,938,169-	93.2-	
	IMPROVEMENT OTHER THAN										
	OTHER IMPROVEMENTS	7295									
	ARRA DEPOT INFO KIOSK	7295 53									
	ARRA IMPROVEMENTS	7295 99									
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	OTHER IMPROVEMENTS										
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	IMPROVEMENT OTHER TH										
	MACHINERY AND EQUIPMENT										
	OFFICE FURN/EQUIP.	7325	10000			10000	50.0		10,000-	100.0-	
	DATA PROCESSING EQUIP.	7327									
	ARRA-DP EQUIP/SOFTWARE	7328									
	AGRICULTURAL EQUIPMENT	7335									
	COMMUNICATION EQUIPMEN	7355	25000		17585	7415	50.0	70.3	10,169	40.6	
	ARRA-COMMUNICATION EQU	7356									
	ARRA-GPS EQUIPMENT	7357									
	MAJOR EQUIP. IMPROVEME	7390									
	OTHER EQUIPMENT	7399									

	MACHINERY AND EQUIPM	35000		17585	17415	50.0	50.2	169	.4
	VEHICLES								
	AUTOMOBILES 7400	51140			51140	50.0		51,140-	100.0-
	BUSES 7410	630445			630445	50.0		630,445-	100.0-
	ARRA-TROLLEYS 7415								
	SPECIAL TRUCKS 7450								
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	VEHICLES	681585			681585	50.0		681,585-	100.0-
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	CAPITAL OUTLAY	2794828	7,920	87622	2699286	50.0	3.1	2,619,583-	93.7-
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111481	EXPENDITURES	4347405	23,324	648679	3675402	50.0	14.9	3,050,046-	70.1-

075695 - W&S CONSTR.-CAPITAL PROJECTS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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							
67823	PROFESSIONAL SERVICES							
	ENGINEERING 6015	849000		196941	652059	50.0 23.1	455,118-	53.6-
	ENGINEERING-I&I STUDY 6015 01	300000		247494	52506	50.0 82.4	194,988	64.9
	LEGAL 6025	1000		968	32	50.0 96.8	935	93.5
	OTHER PROFESSIONAL SER 6049							
67823	PROFESSIONAL SERVICE	1150000		445403	704597	50.0 38.7	259,194-	22.5-
	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							
	SERVICES NOT SPECIFIED 6999	350000			350000	50.0	350,000-	100.0-
	OTHER SERVICES & CHA	350000			350000	50.0	350,000-	100.0-
67823	OTHER SERVICES & CHAR	1500000		445403	1054597	50.0 29.6	609,194-	40.6-
	LAND							
	LAND 7000							
	EASEMENTS 7010							
	LAND							
	IMPROVEMENT OTHER THAN							
	BRIDGES 7210							
	S. LAGOON BRIDGE REPL 7210 05							
	BRIDGES							
	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										
8120	LAKE FORGETFULL RD	7220	62	610024		446664	163360	50.0	73.2		283,304	46.4	
	S 31st AVE DRAINAGE	7220	65	194217		194217		50.0	100.0		194,217	100.0	
	S 31st AVE SEWER	7220	66										
10066	LAMAR BLVD-REGIONS	7220	67	667000		38815	628185	50.0	5.8		589,369-	88.3-	
	PROGRAMMED SEWER PROJ	7220	99	744031		108176	635855	50.0	14.5		527,679-	70.9-	
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18186	SEWERS			2215272		787873	1427399	50.0	35.5		639,525-	28.8-	
	STREETS & ROADWAYS	7230											
	1995 W&S-PAVING	7230	01										
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	STREETS & ROADWAYS												
	WATER SYSTEMS	7245											
	JAMES ST WTR PLT	7245	02										
	HWY 98 WEST WTR.IMPR.	7245	03										
	HWY 98 ELEVATED WTR T	7245	04										
	WESTERN CONTAINER FIR	7245	06										
	RICHBURG HILL TO I/59	7245	07										
	WESLEY WELL #2	7245	09	35394		35393	1	50.0	99.9		35,391	99.9	
	OLD 98/RUNNELS RD WTR	7245	11										
	N 39TH & 40TH IMPROVE	7245	12										
	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										
	LOOP WATER LINE 98/RU	7245	47										
	2015 WATER IMPROVEMEN	7245	5										

	TURTLECREEK-WATER/SEW	7295 27							
	THORNHILL DRIVE	7295 69	9848		9848	1	50.0 100.0	9,847	99.9
	TANK PAINTING/MAINT	7295 98	250000		85806	164194	50.0 34.3	78,388-	31.3-
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	OTHER IMPROVEMENTS		259848		95654	164194	50.0 36.8	68,540-	26.3-
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40594	IMPROVEMENT OTHER TH		3575120		966301	2608819	50.0 27.0	1,642,517-	45.9-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
	PIPE	7370							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM								
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40594	CAPITAL OUTLAY		3575120		966301	2608819	50.0 27.0	1,642,517-	45.9-
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108417	EXPENDITURES		5075120		1411704	3663416	50.0 27.8	2,251,712-	44.3-

077650 - COMMUNITY CTR-ADMIN/GENERAL

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
40209	REGULAR WAGES 4000	358130		174230	183900	50.0 48.6	9,670-	2.7-
	DISASTER RECOVERY WAGE 4010							
1427	OVERTIME 4300	10000		6331	3669	50.0 63.3	2,662	26.6
	DISASTER RECOVERY OVER 4310							
41636	SALARIES	368130		180561	187569	50.0 49.0	7,008-	1.9-
	EMPLOYEE BENEFITS							
6558	STATE RETIREMENT 4600	57980		28438	29542	50.0 49.0	1,103-	1.9-
3141	F.I.C.A. TAXES 4700	28170		13536	14634	50.0 48.0	1,098-	3.8-
7540	HOSPITALIZATION INS. 4800	109200		46400	62800	50.0 42.4	16,400-	15.0-
	UNEMPLOYMENT BENEFITS 4900	500			500	50.0	500-	100.0-
	WORKMAN'S COMPENSATION 4910	12000			12000	50.0	12,000-	100.0-
17239	EMPLOYEE BENEFITS	207850		88374	119476	50.0 42.5	31,102-	14.9-
58875	PERSONAL SERVICES	575980		268935	307045	50.0 46.6	38,110-	6.6-
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	1000		123	877	50.0 12.3	754-	75.4-
	MINOR OFFICE EQUIP/FUR 5020	1000		217	783	50.0 21.7	565-	56.5-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	OFFICE SUPPLIES	2000		340	1660	50.0 17.0	1,319-	65.9-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100	10000	130	3676	6194	50.0 36.7	2,647-	26.4-
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120	250			250	50.0	250-	100.0-
	CHEMICALS 5130							
249	GAS AND OIL 5250	9000		1563	7437	50.0 17.3	5,874-	65.2-
	WEARING APPAREL 5355	500		353	147	50.0 70.6	205	41.0
	HORT./LANDSCAPING SPLY 5440	2800		1239	1561	50.0 44.2	322-	11.5-
	HAND TOOLS 5450							
	MINOR EQUIPMENT 5460	12500		1556	10944	50.0 12.4	9,388-	75.1-
	MDSE FOR RESALE 5520							
	OTHER OPERATING MATL/S 5590	11000		226	10774	50.0 2.0	10,547-	95.8-
249	OPERATING SUPPLIES	46050	130	8612	37308	50.0 18.7	28,826-	62.5-
	REPAIR & MAINTENANCE SP							
40	BUILDING MATERIALS & S 5600	5000		206	4794	50.0 4.1	4,588-	91.7-
434	ELECTRICAL SUPPLIES 5605	5000		819	4181	50.0 16.3	3,362-	67.2-
	PLUMBING SUPPLIES 5610	4000		786	3214	50.0 19.6	2,428-	60.7-
11	PAINT AND PAINTING SPL 5650	2000		116	1884	50.0 5.8	1,768-	88.4-
708	MTR VEHICLE REP. PTS/S 5700	2000	282	742	976	50.0 37.1	515-	25.7-
	OTHER REPAIR/MAINT. SP 5990	1000		149	851	50.0 14.9	702-	70.2-

1194	REPAIR & MAINTENANCE	19000	282	2818	15899	50.0	14.8	13,363-	70.3-
1443	SUPPLIES AND EXPENSES	67050	412	11770	54867	50.0	17.5	43,509-	64.8-
	PROFESSIONAL SERVICES								
	ENTERTAINMENT 6033								
	OTHER PROFESSIONAL SER 6049	8000		487	7513	50.0	6.0	7,025-	87.8-
	PROFESSIONAL SERVICE	8000		487	7513	50.0	6.0	7,025-	87.8-
	COMMUNICATIONS								
430	TELEPHONE AND TELEGRAP 6060	3000		794	2206	50.0	26.4	1,412-	47.0-
	POSTAGE 6070								
430	COMMUNICATIONS	3000		794	2206	50.0	26.4	1,412-	47.0-
	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								
1611	GAS 6300	8000		7839	161	50.0	97.9	7,678	95.9
4613	ELECTRICITY 6305	82000		32604	49396	50.0	39.7	16,792-	20.4-
6224	UTILITIES	90000		40443	49557	50.0	44.9	9,114-	10.1-
	REPR/MAINT-OUTSIDE LABO								
1414	BUILDING R&M 6350	16510	4,750	1599	10161	50.0	9.6	13,312-	80.6-
	ELECTRICAL R&M 6355								
	PLUMBING EQUIPMENT R&M 6357	2250	350	288	1612	50.0	12.8	1,674-	74.4-
	OFFICE EQUIPMENT R&M 6365								
	HOUSEHOLD EQUIPMENT R& 6370	9000		3939	5061	50.0	43.7	1,122-	12.4-
55	FIXED EQUIPMENT R&M 6380	12250		9875	2375	50.0	80.6	7,499	61.2
	MINOR EQUIPMENT R&M 6382	600			600	50.0		600-	100.0-
	MOTOR VEHICLE EQ. R&M 6384	1750		38	1712	50.0	2.1	1,674-	95.6-
3345	CLEANING AND PAINTING 6392	12500	3,965	4320	4215	50.0	34.5	3,860-	30.8-
	DISINFECT./EXTERMINATI 6394	7000		2109	4891	50.0	30.1	2,782-	39.7-
	TOW IN CHARGES 6398	250		75	175	50.0	30.0	100-	40.0-
797	OTHER REPAIRS AND MAIN 6399	4900		3998	902	50.0	81.5	3,095	63.1
5611	REPR/MAINT-OUTSIDE L	67010	9,065	26241	31704	50.0	39.1	14,528-	21.6-
	RENTALS								
	OFFICE EQUIPMENT RENT 6410								
	CYLINDER RENT 6425								
193	UNIFORM RENT 6430	3000		1322	1678	50.0	44.0	356-	11.8-
	MOP-MAT-RAG RENT 6435								
	OTHER RENT 6449								

193	RENTALS	3000		1322	1678	50.0	44.0	356-	11.8-
	OTHER SERVICES & CHARGE								
	BANK SERV/TRF FEE 6832	50			50	50.0		50-	100.0-
	DUES AND MEMBERSHIPS 6840								
	REGISTRATION FEE/TUITI 6845	1000		945	55	50.0	94.5	890	89.0
	PAYMENTS-TOURING EVENT 6997								
	SPECIAL EVENTS EXPENDI 6998								
	SERVICES NOT SPECIFIED 6999	2950		608	2343	50.0	20.6	1,734-	58.7-
	OTHER SERVICES & CHA	4000		1553	2448	50.0	38.8	894-	22.3-
12458	OTHER SERVICES & CHAR	175010	9,065	70839	95106	50.0	40.4	33,332-	19.0-
	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS 7150								
	REC.CENTER (OLD YMCA) 7150 10	27250			27250	50.0		27,250-	100.0-
	CULTURAL CTR 7150 14								
	JDS COMM CTR 7150 19	77500			77500	50.0		77,500-	100.0-
	SIGLER CENTER 7150 20								
	CE ROY/5TH ST 7150 21								
	BUILDING IMPROVEMEN	104750			104750	50.0		104,750-	100.0-
	BUILDING/BLD IMPROVE	104750			104750	50.0		104,750-	100.0-
	IMPROVEMENT OTHER THAN								
	OTHER IMPROVEMENTS 7295								
	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	HOUSEHOLD FURN/EQUIP. 7320	20000			20000	50.0		20,000-	100.0-
	OFFICE FURN/EQUIP. 7325								
	COMMUNICATION EQUIPMEN 7355								
	OTHER EQUIPMENT 7399								
	MACHINERY AND EQUIPM	20000			20000	50.0		20,000-	100.0-
	VEHICLES								
	AUTOMOBILES 7400								
	PICK UP TRUCKS 7420								
	VEHICLES								
	CAPITAL OUTLAY	124750			124750	50.0		124,750-	100.0-
72776	EXPENDITURES	942790	9,477	351544	581769	50.0	37.2	239,701-	25.4-

078500 - '09 WTR METER PROJ-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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						
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	TRANSFERS TO OTHER F						
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	TRANSFERS						
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	EXPENDITURES						

078635 - '09 WATER METER PROJ-CIP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
12542	SALARIES								
	REGULAR WAGES	4000		55189	82036	50.0	40.2	26,846-	19.5-
	OVERTIME	4300							
12542	SALARIES	137225		55189	82036	50.0	40.2	26,846-	19.5-
1794	EMPLOYEE BENEFITS	4600		7916	13702	50.0	36.6	5,786-	26.7-
856	STATE RETIREMENT	4700		3753	6760	50.0	35.6	3,007-	28.6-
1740	F.I.C.A. TAXES	4800		10440	24660	50.0	29.7	14,220-	40.5-
	HOSPITALIZATION INS.	4900							
	UNEMPLOYMENT BENEFITS	4910			3400	50.0		3,400-	100.0-
	WORKMAN'S COMPENSATION								
4390	EMPLOYEE BENEFITS	70631		22109	48522	50.0	31.3	26,413-	37.3-
16931	PERSONAL SERVICES	207856		77298	130558	50.0	37.1	53,260-	25.6-
	OFFICE SUPPLIES								
	PAPER	5003		41	709	50.0	5.4	668-	89.0-
	PRINTED FORMS	5005							
	OTHER EXPENDABLE OFF.S	5010		453	747	50.0	37.7	294-	24.5-
38	MINOR OFFICE EQUIP/FUR	5020	93	38	1369	50.0	2.5	1,424-	94.9-
	PHOTO SUPPLIES	5040							
	SUBSCRIPTIONS,MAGS,MAP	5050							
	BOOKS	5070							
	COMPUTER SUPPLIES	5080							
38	OFFICE SUPPLIES	3450	93	531	2825	50.0	15.3	2,388-	69.2-
	OPERATING SUPPLIES								
	FOOD	5115							
123	GAS AND OIL	5250		451	349	50.0	56.3	102	12.7
	LUBRICANTS	5255							
12	MINOR EQUIPMENT	5460		12	488	50.0	2.4	476-	95.2-
	OTHER OPERATING MATL/S	5590		200	200	50.0		200-	100.0-
	OTHER OPER.MATLS-FULL	5591		5	195	50.0	2.5	190-	95.0-
	OTHER OPER.MATLS-EMER	5592							
135	OPERATING SUPPLIES	1700		468	1232	50.0	27.5	764-	44.9-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S	5600							
	PAINT AND PAINTING SPL	5650							
	MTR VEHICLE REP. PTS/S	5700		53	547	50.0	8.8	494-	82.3-
	MINOR COMPUTER EQUIP.	5800							
	REPAIR & MAINTENANCE	600		53	547	50.0	8.8	494-	82.3-
173	SUPPLIES AND EXPENSES	5750	93	1053	4604	50.0	18.3	3,644-	63.3-
	PROFESSIONAL SERVICES								
	AUDITING AND ACCOUNTIN	6010							
	DEMO/RELATED SER 2008-	6013							
	DEMOLITION-TARGET ARE	6013	01						

	ASBESTOS REMOVAL-TARG	6013	02						
	LOT CLEARING-TARGET A	6013	03						
-----				-----	-----	-----	-----	-----	-----
	DEMO/RELATED SER	20							
	CONSULTANT SERV/SURVEY	6020							
	OTHER PROFESSIONAL SER	6049							
	COMM.HOUSING DEV. ORG	6049	03	63535	63535	50.0		63,535-	100.0-
	DOWNTOWN LIGHTING	6049	04						
	RECORDING FEES	6049	06	100	100	50.0		100-	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	25232	25232	50.0		25,232-	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						
	ASBESTOS TESTING/ABAT	6049	23						
	INTERIM ASSISTANCE	6049	24	7000	1162	5838	50.0 16.6	4,675-	66.7-
	OTHER	6049	99						
-----				-----	-----	-----	-----	-----	-----
	OTHER PROFESSIONAL			95867	1162	94705	50.0 1.2	93,542-	97.5-
-----				-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE			95867	1162	94705	50.0 1.2	93,542-	97.5-
	COMMUNICATIONS								
60	TELEPHONE AND TELEGRAP	6060		950	362	588	50.0 38.1	226-	23.7-
-----				-----	-----	-----	-----	-----	-----
60	COMMUNICATIONS			950	362	588	50.0 38.1	226-	23.7-
	TRANSPORTATION								
1991	TRAVEL EXPENSE	6110		2760	974	1717	68 50.0 62.2	674	24.4
	MESSENGER/EXPRESS SERV	6130							
-----				-----	-----	-----	-----	-----	-----
1991	TRANSPORTATION			2760	974	1717	68 50.0 62.2	674	24.4
	ADVERTISING								
	ADVERTISING	6150							
-----				-----	-----	-----	-----	-----	-----
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING-GRANT RELATED	6202							
	FILM PROCESSING	6240							
-----				-----	-----	-----	-----	-----	-----
	PRINTING AND BINDING								
	REPR/MAINT-OUTSIDE LABO								
	OFFICE EQUIPMENT R&M	6365							
	MOTOR VEHICLE EQ. R&M	6384			46	46-		92	
-----				-----	-----	-----	-----	-----	-----
	REPR/MAINT-OUTSIDE L				46	46-		92	
	RENTALS								
187	OFFICE EQUIPMENT RENT	6410		1800	187	1613	50.0 10.3	1,425-	79.1-
	OTHER RENT	6449							
-----				-----	-----	-----	-----	-----	-----

187	RENTALS	1800		187	1613	50.0	10.3	1,425-	79.1-
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO 6500								
	DISABILITY AWARENESS 6500 02								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	EXHIBITIONS & PROMO								
	BANK SERV/TRF FEE 6832								
	DUES AND MEMBERSHIPS 6840	415			415	50.0		415-	100.0-
	REGISTRATION FEE/TUITI 6845								
	SERVICES NOT SPECIFIED 6999								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA	415			415	50.0		415-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
2238	OTHER SERVICES & CHAR	101792	974	3474	97344	50.0	3.4	94,844-	93.1-
	IMPROVEMENT OTHER THAN								
	DRAINS 7215								
	FACILITIES IMPROVEMEN 7215 01								
	ARLEDGE STREET 7215 06								
	E TIPTON DRAINAGE PRO 7215 16								
	HALL-ALCORN 7215 18								
	EAST CENTRAL 7215 19								
	WALNUT STREET 7215 20								
	HALL AVENUE PHASE III 7215 21								
	MOBILE/BOUIE - PHASE 7215 22								
	KATIE/J HALL - PHASE 7215 23								
	EAST CENTRAL - PHASE 7215 24								
	WALNUT STREET - PHASE 7215 25								
	OLD AIRPORT RD 7215 32								
	DIXIE PINE 7215 33								
	CELESTE PLACE 7215 34								
	OTHER DRAINAGE PROJEC 7215 99								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	DRAINS								
	SEWERS 7220								
	ARRA SIDEWALKS (WOODLE 7225								
	STREETS & ROADWAYS 7230								
	TUSCAN AVENUE TO BERN 7230 35								
	OTHER STREET IMPR. 7230 99								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	STREETS & ROADWAYS								
	CDBG/HOME HOUSING 7254								
37205	CDBG FULL REHAB 7254 01	224714		135165	89549	50.0	60.1	45,616	20.2
	CDBG HOUSING REPR 7254 02	50000		16549	33451	50.0	33.0	16,901-	33.8-
	HOME FULL REHAB 7254 03	100000			100000	50.0		100,000-	100.0-
	HOME DOWNPAYMENT ASST 7254 04	50000			50000	50.0		50,000-	100.0-
	AFFORDABLE HOUSING 7254 05								
	HOME REVOLVING LOANS 7254 06								
	WORLD CHANGERS 7254 07								
	ADOPT A HOME 7254 08								
	RECONSTRUCTION 7254 09								
	RECONSTRUCTN/SALV.ARM 7254 10								
	BLUE ROOFS 7254 11								
	EATON SCHOOL 7254 12								
	MICROENTERPRISE PROGR 7254 13	25000			25000	50.0		25,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
37205	CDBG/HOME HOUSING	449714		151714	298000	50.0	33.7	146,285-	32.5-
	CDBG-ENTITLEMT ASSISTA 7285								
	HOME ENTITLEMT ASSISTA 7286								

-----	TENANT BASED RENTAL A 7286 01	2500	-----	-----	2500	50.0	-----	2,500-	100.0-
-----	HOME ENTITLEMT ASSI	2500	-----	-----	2500	50.0	-----	2,500-	100.0-
-----	MDA AM DREAM D/P (ADDI 7287	130000	-----	-----	130000	50.0	-----	130,000-	100.0-
-----	OTHER IMPROVEMENTS 7295	-----	-----	-----	-----	-----	-----	-----	-----
37205	IMPROVEMENT OTHER TH	582214	-----	151714	430500	50.0	26.0	278,785-	47.8-
-----	MACHINERY AND EQUIPMENT	-----	-----	-----	-----	-----	-----	-----	-----
-----	OFFICE FURN/EQUIP. 7325	-----	-----	-----	-----	-----	-----	-----	-----
-----	DATA PROCESSING EQUIP. 7327	-----	-----	-----	-----	-----	-----	-----	-----
-----	MACHINERY AND EQUIPM	-----	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES	-----	-----	-----	-----	-----	-----	-----	-----
-----	AUTOMOBILES 7400	-----	-----	-----	-----	-----	-----	-----	-----
-----	PICK UP TRUCKS 7420	-----	-----	-----	-----	-----	-----	-----	-----
-----	VEHICLES	-----	-----	-----	-----	-----	-----	-----	-----
37205	CAPITAL OUTLAY	582214	-----	151714	430500	50.0	26.0	278,785-	47.8-
-----	EXPENDITURES	897612	1,067	233539	663006	50.0	26.0	430,533-	47.9-

082500 - CDBG-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	TRANSFERS TO OTHER FUND						
	T/T GENERAL FUND 9000 01						
	T/T W & S CONSTRUCTION 9000 75						
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F						
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

087500 - INDUSTRIAL PK-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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						
		T/T CITY B&I (KOHLER) 9000 13K						
		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						
-----			-----	-----	-----	-----	-----	-----
		TRANSFERS						
-----			-----	-----	-----	-----	-----	-----
		EXPENDITURES						

087601 - INDUSTRIAL PK-G.O.ACQUISITIONS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OFFICE SUPPLIES							
	MISCELLANEOUS 5001							
	OTHER EXPENDABLE OFF.S 5010							
-----		-----	-----	-----	-----	-----	-----	-----
	OFFICE SUPPLIES							
	OPERATING SUPPLIES							
	ASPHALT & ASPHALT PROD 5400							
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590							
-----		-----	-----	-----	-----	-----	-----	-----
	OPERATING SUPPLIES							
-----		-----	-----	-----	-----	-----	-----	-----
	SUPPLIES AND EXPENSES							
	PROFESSIONAL SERVICES							
	ADMINISTRATIVE FEE 6005			875	875-		1,749	
	AUDITING AND ACCOUNTIN 6010			7980	7980-		15,960	
	ARCHITECTURAL 6012							
	ENGINEERING/ENVIRONMEN 6015			2888	2888-		5,775	
	SITE PREPARATION 6016							
	APPRAISAL 6017							
	CONSULTANT SERV/SURVEY 6020							
	AREA DEV.PARTNERSHIP 6020 01			195000	195000-		390,000	
	OTHER 6020 03							
	IND.PK.MASTER PLAN 6020 04							
-----		-----	-----	-----	-----	-----	-----	-----
	CONSULTANT SERV/SUR			195000	195000-		390,000	
	LEGAL 6025			1125	1125-		2,250	
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE			207868	207868-		415,736	
	COMMUNICATIONS							
	TELEPHONE AND TELEGRAP 6060							
	POSTAGE 6070							
-----		-----	-----	-----	-----	-----	-----	-----
	COMMUNICATIONS							
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
	MESSENGER/EXPRESS SERV 6130							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSPORTATION							
	ADVERTISING							
	ADVERTISING 6150							
-----		-----	-----	-----	-----	-----	-----	-----
	ADVERTISING							
	PRINTING AND BINDING							
	PRINTING 6200							
-----		-----	-----	-----	-----	-----	-----	-----
	PRINTING AND BINDING							
	INSURANCE							
	FIRE & EXTENDED COVERA 6250							

	PUBLIC LIAB/PROPERTY D	6255						
	OTHER INSURANCE	6299						
-----			-----	-----	-----	-----	-----	-----
	INSURANCE							
	UTILITIES							
	GAS	6300						
	ELECTRICITY	6305						
	WATER	6315						
-----			-----	-----	-----	-----	-----	-----
	UTILITIES							
	REPR/MAINT-OUTSIDE LABO							
	BUILDING R&M	6350						
	SIGN PAINTING	6396						
	OTHER REPAIRS AND MAIN	6399						
	LANDSCAPE MAINTENANCE	6399 01		516	516-		1,032	
	RAIL SPURS MAINTENANCE	6399 02		29712	29712-		59,424	
-----			-----	-----	-----	-----	-----	-----
	REPR/MAINT-OUTSIDE L			30228	30228-		60,456	
	RENTALS							
	LAND RENT	6400						
-----			-----	-----	-----	-----	-----	-----
	RENTALS							
	OTHER SERVICES & CHARGE							
	CONTRIBUTIONS	6820						
	FORREST CTY. REPAYMEN	6820 90						
-----			-----	-----	-----	-----	-----	-----
	CONTRIBUTIONS							
	PROPERTY TAXES	6995						
	SERVICES NOT SPECIFIED	6999						
-----			-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA							
-----			-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR			238095	238095-		476,190	
-----			-----	-----	-----	-----	-----	-----
	LAND							
	LAND	7000						
	LEASEHOLDS	7020						
-----			-----	-----	-----	-----	-----	-----
	LAND							
	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							

	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				238095	238095-	476,190	

087630 - INDUSTRIAL PK-KOHLER PROJECT

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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

6 Months Ending 03/31/18

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

6 Months Ending 03/31/18

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						
-----		-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE						
	PRINTING AND BINDING						
	PRINTING 6200						
-----		-----	-----	-----	-----	-----	-----
	PRINTING AND BINDING						
	OTHER SERVICES & CHARGE						
	SERVICES NOT SPECIFIED 6999						
-----		-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA						
-----		-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

088603 - PUBLIC SAFETY/REC CONSTRUCTION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	681413		522	680891	50.0	680,369-	99.8-
	RECREATION ADMIN BLDG 7100 14							
	MUNICIPAL COURT BLDG 7100 15							
	FIRE ADMINISTRATION 7100 21							
	POLICE DEPARTMENT 7100 22							
-----		-----	-----	-----	-----	-----	-----	-----
	BUILDINGS	681413		522	680891	50.0	680,369-	99.8-
-----		-----	-----	-----	-----	-----	-----	-----
	BUILDING/BLD IMPROVE	681413		522	680891	50.0	680,369-	99.8-
	IMPROVEMENT OTHER THAN							
	OTHER IMPROVEMENTS 7295							
	SOUTHERN POINTE/TIF P 7295 31							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS							
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	681413		522	680891	50.0	680,369-	99.8-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	681413		522	680891	50.0	680,369-	99.8-

089500 - MDA ENERGY EFFICIENCY CAP PROJ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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 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
6 Months Ending 03/31/18

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							

089603 - MDA ENERGY EFFICIENCY CAP PROJ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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							
	LIGHTING UPGRADE-GEN 7295 56	32735			32735	50.0	32,735-	100.0-
	LIGHTING UPGRADE-ENTE 7295 57							
	ENERGY MGMT CTRL SYS 7295 58							
	ENERGY MGMT CTRL SYS 7295 59	23990			23990	50.0	23,990-	100.0-
	BOILER REPLACEMENT-EN 7295 60							
	SMALL UNITARY EQUIP R 7295 61	3529			3529	50.0	3,529-	100.0-
	CITY HALL HVAC UPGRAD 7295 62	21136			21136	50.0	21,136-	100.0-
	JACKIE DOLE HVAC UPGR 7295 63							
	WATER TRTMT PLT CTRL 7295 64	61398			61398	50.0	61,398-	100.0-
	LIFT STATION CTRL UPG 7295 65	134040			134040	50.0	134,040-	100.0-
	WATER CONSERVATION OP 7295 66	131182		405010	273828-	50.0 308.7	678,838	517.4
	SOLAR PHOTO-VOLTAIC S 7295 67							
	OTHER REPAIRS/LEAKS 7295 68	197798			197798	50.0	197,798-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS	605808		405010	200798	50.0 66.8	204,212	33.7
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH	605808		405010	200798	50.0 66.8	204,212	33.7
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	605808		405010	200798	50.0 66.8	204,212	33.7
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	605808		405010	200798	50.0 66.8	204,212	33.7

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
6 Months Ending 03/31/18

....PROJECTED....
OVER/UNDER %

T/T SPECIAL STREET	9000	08
T/T B&I CITY	9000	13
T/T 2003 TIF B&I-CHAUUV	9000	22
T/T 2008 TIF B&I-LINCO	9000	24

EXPENDITURES

090602 - 2008 D/T LIGHTING-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	PROFESSIONAL SERVICES						
	LEGAL 6025						
	OTHER PROFESSIONAL SER 6049						
-----		-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE						
	OTHER SERVICES & CHARGE						
	SERVICES NOT SPECIFIED 6999						
-----		-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA						
-----		-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
6 Months Ending 03/31/18

...PROJECTED...
OVER/UNDER %

EXPENDITURES

091500 - TIF CONST-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	207			207	50.0	207- 100.0-
	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						
	T/T RIDGE AT TURTLE CR 9000 50						
	T/T MIDTOWN MARKET 9000 51						
-----	TRANSFERS TO OTHER F	207	-----	-----	207	50.0	207- 100.0-
-----	TRANSFERS	207	-----	-----	207	50.0	207- 100.0-
-----	EXPENDITURES	207	-----	-----	207	50.0	207- 100.0-

091602 - TIF CONST-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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						
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	OTHER SERVICES & CHA						
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	OTHER SERVICES & CHAR						
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	EXPENDITURES						

091603 - TIF CONST-STREETS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....
ACTUAL	OBJ/SUB		BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN ACTUAL	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						
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		EXPENDITURES						

093500 - '16 W&S SYSTEMS PROJ-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....	
ACTUAL	OBJ/SUB		BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN ACTUAL	OVER/UNDER	%
		TRANSFERS TO OTHER FUND							
		T/T WATER & SEWER B&I 9000 10							
		T/T 2013 W&S BOND CONS 9000 105							
-----			-----	-----	-----	-----	-----	-----	-----
		TRANSFERS TO OTHER F							
-----			-----	-----	-----	-----	-----	-----	-----
		TRANSFERS							
-----			-----	-----	-----	-----	-----	-----	-----
		EXPENDITURES							

093602 - 2016 W&S SYSTEMS PROJ-ISSUE EX

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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						
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	OTHER SERVICES & CHA						
-----		-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	...PROJECTED...		
ACTUAL		OBJ/SUB	BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN	ACTUAL	OVER/UNDER	%
	OPERATING SUPPLIES									
	ASPHALT & ASPHALT PROD 5400									
	OPERATING SUPPLIES									
	SUPPLIES AND EXPENSES									
	PROFESSIONAL SERVICES									
	ENGINEERING 6015		635143		169954	465189	50.0	26.7	295,234-	46.4-
	LEGAL 6025									
	OTHER PROFESSIONAL SER 6049									
	PROFESSIONAL SERVICE		635143		169954	465189	50.0	26.7	295,234-	46.4-
	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		635143		169954	465189	50.0	26.7	295,234-	46.4-
	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									
3588	SEWER PHASE IV 7220 51		37370	4,183	1958	31230	50.0	5.2	33,454-	89.5-
69000	SEWER PHASE V 7220 54		1084613	9,323	77993	997297	50.0	7.1	928,627-	85.6-
	LAKE FORGETFUL RD 7220 62		87740		17359	70381	50.0	19.7	53,021-	60.4-
	30TH & CHEVY CHASE 7220 63		86425		11550-	97975	50.0	13.3	63,325-	73.2-
	LAMAR BOULEVARD 7220 64		41448		9966-	51414	50.0	24.0	21,516-	51.9-
30183	SEWER PHASE VIII 7220 70		5000000		72155	4927845	50.0	1.4	4,855,690-	97.1-
	SEWER PHASE IX 7220 71		650000			650000	50.0		650,000-	100.0-
7560	SEWER PHASE X 7220 72		4300000	1,400	29690	4268910	50.0	.6	4,240,620-	98.6-
	SEWER PHASE XI 7220 73		1500000			1500000	50.0		1,500,000-	100.0-
	SEWER PHASE XII 7220 74		2450000		6805	2443195	50.0	.2	2,436,389-	99.4-
	CIPP SEWER VARIOUS LO 7220 75		20893	20,893		1	50.0		20,893-	100.0-
	CCTV SEWER INSPECTION 7220 96									
	LAGOON DREDGING LOAN 7220 97									
110330	SEWERS		15258489	35,799	184444	15038248	50.0	1.2	14,889,600-	97.5-
	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			9158	9158-			18,315	
	COUNTRY CLUB WTR II	7245 18								
	TATUM-BONHOMIE WTR LI	7245 23								
	HWY 98 FIRE LINES	7245 28								
	WATER PHASE I	7245 50								
	WATER PHASE II	7245 51	2055000	4,470	106788	1943743	50.0	5.1	1,841,424-	89.6-
	WATER PHASE III	7245 52	4930		4630	300	50.0	93.9	4,330	87.8
	WATER PHASE IV	7245 53	226815		226814	1	50.0	99.9	226,812	99.9
626240	WATER PHASE V	7245 62	1143730	13,400	633915	496415	50.0	55.4	124,100	10.8
-----			-----	-----	-----	-----	-----	-----	-----	-----
626240	WATER SYSTEMS		3430475	17,870	981305	2431300	50.0	28.6	1,467,865-	42.7-
	OTHER IMPROVEMENTS	7295								
12067	WATER PLANT #1 REHAB	7295 70	30323	1,575	28747	1	50.0	94.8	27,171	89.6
	WASTEWATER TREATMENT	7295 98								
	MISC.OTHER IMPROVEMEN	7295 99	4727713			4727713	50.0		4,727,713-	100.0-
-----			-----	-----	-----	-----	-----	-----	-----	-----
12067	OTHER IMPROVEMENTS		4758036	1,575	28747	4727714	50.0	.6	4,700,541-	98.7-
-----			-----	-----	-----	-----	-----	-----	-----	-----
748637	IMPROVEMENT OTHER TH		23447000	55,244	1194496	22197261	50.0	5.0	21,058,007-	89.8-
-----			-----	-----	-----	-----	-----	-----	-----	-----
748637	CAPITAL OUTLAY		23447000	55,244	1194496	22197261	50.0	5.0	21,058,007-	89.8-
-----			-----	-----	-----	-----	-----	-----	-----	-----
748637	EXPENDITURES		24082143	55,244	1364450	22662450	50.0	5.6	21,353,243-	88.6-

094500 - '12 W&S BOND CONST-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	61			61	50.0	61- 100.0-
	T/T 2013 W&S BOND CONS 9000 105						
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F	61			61	50.0	61- 100.0-
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS	61			61	50.0	61- 100.0-
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	61			61	50.0	61- 100.0-

094602 - 2012 W&S CONST-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....
ACTUAL	OBJ/SUB		BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN ACTUAL	OVER/UNDER %
		PROFESSIONAL SERVICES						
		LEGAL 6025						
		OTHER PROFESSIONAL SER 6049						
-----			-----	-----	-----	-----	-----	-----
		PROFESSIONAL SERVICE						
		OTHER SERVICES & CHARGE						
		SERVICES NOT SPECIFIED 6999						
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		OTHER SERVICES & CHA						
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		OTHER SERVICES & CHAR						
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		EXPENDITURES						

094695 - 2012 W&S CONSTR.-CAPITAL PROJ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	OPERATING SUPPLIES						
	ASPHALT & ASPHALT PROD 5400						
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	OPERATING SUPPLIES						
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	SUPPLIES AND EXPENSES						
	PROFESSIONAL SERVICES						
	ENGINEERING 6015						
	LEGAL 6025						
	OTHER PROFESSIONAL SER 6049						
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	PROFESSIONAL SERVICE						
	REPR/MAINT-OUTSIDE LABO						
	STREETS & STRUCTURES R 6360						
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	REPR/MAINT-OUTSIDE L						
	OTHER SERVICES & CHARGE						
	SERVICES NOT SPECIFIED 6999						
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	OTHER SERVICES & CHA						
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	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						

	OTHER IMPROVEMENTS							
	IMPROVEMENT OTHER TH							
	CAPITAL OUTLAY							
	EXPENDITURES							

095641 - 2001 BOND CONSTR-ZOO IMPR

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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						
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	CAPITAL OUTLAY						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
6 Months Ending 03/31/18

....PROJECTED....
OVER/UNDER %

EXPENDITURES

096402 - MDB CAPITAL PROJ-ECONOMIC DEV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....
ACTUAL	OBJ/SUB		BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN ACTUAL	OVER/UNDER %
		BUILDING/BLD IMPROVEMEN						
		BUILDING IMPROVEMENTS	7150					
		DEPOT PROJECT-GRANT R	7150	15				
		DEPOT PROJ NON-GRANT	7150	31				
		DEPOT PROJ-MDB	7150	35				
-----		BUILDING IMPROVEMEN	-----	-----	-----	-----	-----	-----
-----		BUILDING IMPROVEMEN	-----	-----	-----	-----	-----	-----
-----		BUILDING/BLD IMPROVE	-----	-----	-----	-----	-----	-----
-----		CAPITAL OUTLAY	-----	-----	-----	-----	-----	-----
-----		EXPENDITURES	-----	-----	-----	-----	-----	-----

CITY OF HATTIESBURG

ALL FUNDS

THIS MONTH

OBJ / SUB

ANNUAL

OPEN PO

YTD

REMAINING

PERCENT

...PROJECTED...

BUDGET

& CONTRACTS

ACTUAL

BALANCE

	PLAN	ACTUAL
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	OVER/UNDER	%
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100		

%

9000 13

T/T B&I CITY

TRANSFERS TO OTHER F

TRANSFERS

EXPENDITURES

096602 - MDB CAPITAL PROJ-ISSUE EXP.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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						
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	PRINTING AND BINDING						
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	OTHER SERVICES & CHAR						
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	EXPENDITURES						

096695 - MDB CAPITAL PROJ-CAPITAL PROJ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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						
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	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						
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	CAPITAL OUTLAY						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

EXPENDITURE REPORT

6 Months Ending 03/31/18

.....PROJECTED.....
OVER/UNDER %

EXPENDITURES

098341 - K.P.ZOO CAPITAL-KPZ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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	2248			2248	50.0	2,248-	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	2248			2248	50.0	2,248-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH	2248			2248	50.0	2,248-	100.0-
	MACHINERY AND EQUIPMENT							
	OTHER EQUIPMENT 7399							
-----		-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM							
	OTHER							
	ZOOLOGICAL ANIMALS 7505							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	2248			2248	50.0	2,248-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	2248			2248	50.0	2,248-	100.0-

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
6 Months Ending 03/31/18

....PROJECTED....
OVER/UNDER %

EXPENDITURES

099500 - '10 W&S GO BOND-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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 W&S OPERATION & MA 9000 10						
-----			-----	-----	-----	-----	-----	-----
		TRANSFERS TO OTHER F						
-----			-----	-----	-----	-----	-----	-----
		TRANSFERS						
-----			-----	-----	-----	-----	-----	-----
		EXPENDITURES						

099602 - 2010 W & S GO BOND-ISSUE EXP.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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						

THIS MONTH
ACTUAL

EXPENDITURE REPORT

6 Months Ending 03/31/18

ANNUAL	OPEN PO	YTD
BUDGET	& CONTRACTS	ACTUAL

REMAINING
BALANCE

PERCENT
PLAN ACTUAL

....PROJECTED....
OVER/UNDER %

OBJ / SUB

IMPROVEMENT OTHER THAN	
STREETS & ROADWAYS	
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
6 Months Ending 03/31/18

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

6 Months Ending 03/31/18

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						

CITY OF HATTIESBURG

ALL FUNDS

OPEN PO

....PROJECTED....
OVER/UNDER %

EXPENDITURES

105500 - '13 W&S BOND CONST-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....	
ACTUAL	OBJ/SUB		BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN ACTUAL	OVER/UNDER	%
		TRANSFERS TO OTHER FUND							
		T/T WATER & SEWER B&I 9000 10							
-----			-----	-----	-----	-----	-----	-----	-----
		TRANSFERS TO OTHER F							
-----			-----	-----	-----	-----	-----	-----	-----
		TRANSFERS							
-----			-----	-----	-----	-----	-----	-----	-----
		EXPENDITURES							

105602 - 2013 W&S CONST-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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

6 Months Ending 03/31/18

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							
	18 INCH TRUNK LINES 7220 17							
	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							
	DRYING BED 7220 52							
	SEWER PHASE V 7220 54							
	SEWER PHASE VII 7220 55							
	PROGRAMMED SEWER PROJ 7220 99							
-----		-----	-----	-----	-----	-----	-----	-----
	SEWERS							
	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
 WESLEY WELL #2 7245 09
 WTP FILTER #6 7245 10
 OLD 98/RUNNELS RD WTR 7245 11
 W1-COUNTRY CLUB WATER 7245 18
 W2-WESLEY PLANT TREAT 7245 26
 W3-WATER WELL@ PLANT 7245 27
 HWY 98 FIRE LINES 7245 28
 WATER PHASE I 7245 50
 WATER PHASE II 7245 51
 WATER PHASE III 7245 52
 WATER PHASE IV 7245 53
 PROGRAMMED WATER PROJ 7245 99

-----	WATER SYSTEMS	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS 7295						
	MISC.OTHER IMPROVEMEN 7295 99	351166			351166	50.0	351,166- 100.0-
-----		-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS	351166			351166	50.0	351,166- 100.0-
-----		-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH	351166			351166	50.0	351,166- 100.0-
-----		-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	351166			351166	50.0	351,166- 100.0-
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	351166			351166	50.0	351,166- 100.0-

107500 - SPEC.SALES TAX-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

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

6 Months Ending 03/31/18

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						
29468	TOURISM COMMISSION 6049 01			237268	237268-		474,536
412837	CONVENTION COMMISSION 6049 02			2631816	2631816-		5,263,632
-----		-----	-----	-----	-----	-----	-----
442305	OTHER PROFESSIONAL			2869084	2869084-		5,738,168
-----		-----	-----	-----	-----	-----	-----
442305	PROFESSIONAL SERVICE			2869084	2869084-		5,738,168
-----		-----	-----	-----	-----	-----	-----
442305	OTHER SERVICES & CHAR			2869084	2869084-		5,738,168
-----		-----	-----	-----	-----	-----	-----
442305	EXPENDITURES			2869084	2869084-		5,738,168

109704 - GROUP INS.TRUST-T&A EXPEND.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

6 Months Ending 03/31/18

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....
ACTUAL	OBJ/SUB		BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN ACTUAL	OVER/UNDER %
	OTHER SERVICES & CHARGE							
	BANK SERV/TRF FEE	6832			245	245-		489
76609	ADMIN PAID	6833			474906	474906-		949,812
367565	CLAIMS PAID	6834			1971119	1971119-		3,942,237
	SERVICES NOT SPECIFIED	6999						
	ACA TRANSITIONAL FEE	6999 01						
-----			-----	-----	-----	-----	-----	-----
	SERVICES NOT SPECIF							
-----			-----	-----	-----	-----	-----	-----
444174	OTHER SERVICES & CHA				2446270	2446270-		4,892,540
-----			-----	-----	-----	-----	-----	-----
444174	OTHER SERVICES & CHAR				2446270	2446270-		4,892,540
-----			-----	-----	-----	-----	-----	-----
444174	EXPENDITURES				2446270	2446270-		4,892,540

001001 - GENERAL FUND REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

4/02/18

6 MONTHS ENDING 03/31/18

	OBJ/SUB	ESTIMATED	CURRENT	ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200										
TAXES-OTHER	206A										
PAYMENT IN LIEU OF TAXE	2060										
HOUSING AUTHORITY	2065	2,916				17,500	35819	204		35000	819-
MERCHANTS COMPANY	2066										
COLLECTIONS-P/Y EXCESS	2070										
PAYMENT IN LIEU OF T		2,916				17,500	35819	204		35000	819-
TAXES-OTHER		2,916				17,500	35819	204		35000	819-
LICENSES, PERMITS & FEES	220A										
PRIVILEGE LICENSES	2200	11,250	11962	106		67,500	67228	99		135000	67772
FRANCHISES	2210										
ELECTRICAL FRANCHISE	2211	250,000	3344	1		1,500,000	1256869	83		3000000	1743131
SOLID WASTE OPER/FRANC	2212	14,166	4336	30		85,000	61605	72		170000	108395
AT&T UVERSE VIDEO/FRAN	2213										
GAS FRANCHISE	2215	12,083				72,500	46762	64		145000	98238
CSPIRE FIBER-TELEPAK F	2218						471				471-
CABLE T.V. FRANCHISE	2219	38,750				232,500	216280	93		465000	248720
FRANCHISES		315,000	7681	2		1,890,000	1581987	83		3780000	2198013
BLDG/INSP PERMITS & FEE	2220										
BUILDING PERMIT/INSP	2221	39,166	44712	114		235,000	173323	73		470000	296677
FIRE INSPECTION	2222										
SIGN PERMIT	2223	1,500	2423	161		9,000	10971	121		18000	7029
LAND CODE ENFORCEMENT	2224	2,916	1140	39		17,500	9235	52		35000	25765
GAS & PLUMBING	2225	625	750	120		3,750	5450	145		7500	2050
ELECTRICAL INSPECTION	2226	916	1500	163		5,500	6552	119		11000	4448
DEMOLITION PERMIT	2227	166	200	120		1,000	1062	106		2000	938
HOUSE MOVING	2228	41	150	365		250	850	340		500	350-
BLDG/INSP PERMITS &		45,333	50875	112		272,000	207443	76		544000	336557
OTHER PERMITS & FEES	2230										
PUBLIC RECORDS ACCESS	2233										
PROPERTY CLEAN-UP COST	2234										
TAXI BADGE PERMIT	2235										
WRECKER REGISTRATION F	2236	41				250				500	500
BURN OR MISC FIRE PERM	2237	250	125	50		1,500	765	51		3000	2235
AMBULANCE PERMIT	2238	75				450	900	200		900	
ZONING PETITION FEE	2240										
ZONING CERTIFICATE FEE	2245	583	1150	197		3,500	3400	97		7000	3600
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				250	120	48		500	380
MISC. PERMITS & FEES	2299	4,166	556	13		25,000	43447	173		50000	6553
OTHER PERMITS & FEES		5,158	1831	35		30,950	48632	157		61900	13268
LICENSES, PERMITS & F		376,741	72349	19		2,260,450	1905290	84		4520900	2615610

INTER-GOVERNMNTL REVENUE	230A							
FEDERAL GRANTS	230B							
JUST./USM-PROJECT SAFE	2304							
JUST./USM-POLICE CORPS	2305							
JUST.-OTHER	2307				7463			7463-
JUST.-COPS SECURE SCHOO	2309							
JUST.-JAIL DIVERSION	2310	6,795		40,775	18623	45	81550	62927
JUST.-BYRNE GRANTS	2311	1,641		9,852	11822	119	19703	7881
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				5904			5904-
NRCS-USDA STORM RELATED	2322	51,153		306,919			613838	613838
FHWA-STORM RELATED	2323							
FEMA-EMER. WARNING SIRE	2324							
FEMA-'04 REGIONAL RESPO	2325							
FIREFIGHTERS GRANT	2326							
FEMA-'05 REGIONAL RESPO	2327							
FEMA-CITIZENS CORPS	2328							
LAW ENF.GRANTS-OTHER	2329							
FEMA/HAZARD MITIG/GENER	2336							
FEMA RELIEF	2337	285,416		1,712,500	1838872	107	3425000	1586128
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							
HUD-MIDTOWN STUDY	2360							
HUD/MDA HUB CITY LOFT P	2361							
FEDERAL GRANTS		345,007		2,070,046	1882685	90	4140091	2257406
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							
SOLID WASTE GRANT	2518	6,250		37,500			75000	75000
URBAN YOUTH CORPS MDOT	2519							
DEQ GRANTS(SO.LAGOON ST	2520							
ARTS COMMISSION GRANT	2521							
BEAUTIFICATION-VARIOUS	2522							
MS CITY CORPS COUNCIL	2523							
TRAFFIC GRANT	2524				3823			3823-
STOP VIOLENCE GRANT	2526	2,232	1810	81	13,398	12976	96	26795
ALCOHOL INCENTIVE	2527	5,542			33,252	19644	59	66504
JUSTICE ASSISTANCE	2528							46860
TORNADO RECOVERY-MDA GR	2529	8,333			50,000	100000	200	100000

DISASTER RELIEF	2545								
MEMA-DOMESTIC PREPAREDN	2550								
MEMA-SAFE ROOMS	2551								
MDOT GRANT-DEPOT PROJEC	2556								
MDOT GRANT-VISITOR'S CT	2557								
MDOT GRANT-TRAFFIC STUD	2558								
STATE GRANTS		22,358	1810	8	134,150	136443	101	268299	131856
STATE-SHARED REVENUE	260B								
GENERAL SALES TAX	2600	1,841,666	1573304	85	11,050,000	11120802	100	22100000	10979198
CITY UTILITY TAX	2601	750	822	109	4,500	3711	82	9000	5289
SALES TAX-SRF REIMB.	2602		8289			49734			49734-
ALCOHOLIC BEV. LICENSE	2610	11,666	12600	108	70,000	72300	103	140000	67700
MOTOR VEH.PRIVILEGE TAX	2635								
PAT HARRISON WATERWAY D	2665								
MPO-METROPOLITAN PLANNI	2670	50,513			303,083			606166	606166
MISC DORMANT ACCOUNT RF	2699								
STATE-SHARED REVENUE		1,904,597	1595015	83	11,427,583	11246547	98	22855166	11608619
CITY/COUNTY-SHARED REVEN	270B								
FORREST CTY	2705								
FORREST CTY CAMP SHELBY	2705 01								
FORREST CTY GORDON CRK	2705 02								
FORREST GENERAL CTY HOS	2706								
FORREST-INFRAST.IMPR.	2707								
LAMAR-INFRAST.IMPR.	2708								
LAMAR/FORREST-HAZ.WASTE	2709								
PETAL/F-CO FLOOD INUNDA	2718								
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									
CHARGES FOR SERVICES	280A								
PUBLIC SAFETY	2850								
CRIME SCENE UNIT CONT	2855	5,000			30,000	5000	16	60000	55000
FIRE DPT.SERV FOR OTHE	2860								
800 MHZ RADIO ACCESS F	2865								
POLICE/FIRE-SPECIAL DU	2870	9,583	11277	117	57,500	72372	125	115000	42628
P&F LATERAL TRNG REIMB	2880					1800			1800-
DRUG ENF.AGENCY O/T RE	2881								
HOMELAND SECURITY O/T	2882								
US MARSHALL O/T REIMB.	2883	1,416			8,500	3919	46	17000	13081
FED BUREAU INVEST O/T	2884	833			5,000	383	7	10000	9617
PUBLIC SAFETY		16,833	11277	66	101,000	83474	82	202000	118526
TROLLEY SERVICE	2890								
CONV.CENTER TROLLEY FE	2895								
TROLLEY RECEIPTS	2896								
TROLLEY SERVICE									
STREETS	2900								
STREET WORK	2901								
PARKING METERS	2910					469			469-
PARKING FINES	2915	41	30	73	250	245	98	500	255
CROSSING LIGHT FEES	2920								
LOT CLEAN-UP/HEAVY TRA	2930	41			250			500	500

CDBG LOT CLEAN-UP/DEMO 2931									

STREETS		83	30	36	500	714	142	1000	286
SANITATION	2950								
RECYCLING PICK UP	2951	5,000	5427	108	30,000	29369	97	60000	30631
TRASH HAULING	2960	8,333	10205	122	50,000	56890	113	100000	43110
RESIDENTL WASTE COLLEC	2965	169,583	177258	104	1,017,500	983588	96	2035000	1051412
SANITA-REFUND & RECOVE	2970					2745-			2745

SANITATION		182,916	192890	105	1,097,500	1067102	97	2195000	1127898

CHARGES FOR SERVICES		199,833	204197	102	1,199,000	1151289	96	2398000	1246711
FINES AND FORFEITS	330A								
POLICE FINES	3320	91,666	67406	73	550,000	305200	55	1100000	794800
CITY COURT COSTS	3321	10,833	8874	81	65,000	40441	62	130000	89559
CCC-JAIL REIMB.	3322	83	3	3	500	26	5	1000	974
ENVIR CT-CODE VIOLATION	3323	250	89	35	1,500	417	27	3000	2583
ANIMAL CONTROL	3327	333	50-	15	2,000	739	36	4000	3261
COURT TECHNOLOGY FEE	3328		16896			16896			16896-

FINES AND FORFEITS		103,166	93219	90	619,000	363719	58	1238000	874281
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
OTHER INTEREST-CD'S	3403								
SAVINGS ACCOUNT/MMA	3405	416	3878	932	2,500	28064	1122	5000	23064-
INTEREST-GRANT MONIES	3406								
OTHER INTEREST-MMA	3407								
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								

INTEREST EARNINGS		416	3878	932	2,500	28064	1122	5000	23064-
RENTS AND ROYALTIES	3410								
LAND	3411								
LAMAR OUTDOOR ADVERTI	3411 05								
ALWEST ADVERTISING	3411 10								
MS.POWER-HWY.42	3411 11								
TRITELL COMMUNICATION	3411 12								

LAND									
BUILDING	3412								
TRAIN DEPOT FACILITY	3412 01	1,750	475	27	10,500	8500	80	21000	12500
P&F ACADEMY RENTALS	3412 02								
SEXUAL ASSAULT CRISIS	3412 05								
MERCHANTS	3412 07	200			1,200	1000	83	2400	1400
DEPOT - AMTRAK	3412 08								
USM CELLULAR ONE RENT	3412 41								
MISC CELL TOWER REVEN	3412 45								
HUBSOUTH/WATER TOWER	3412 62								
OTHER BLDG. RENT	3412 99								

BUILDING		1,950	475	24	11,700	9500	81	23400	13900
PARKING GARAGE-CIVIC C	3415	2,083	2610	125	12,500	13543	108	25000	11458
PARKING GARAGE-PINE ST	3416	2,625	2925	111	15,750	19300	122	31500	12200
PARKING SPACES	3417								
MAIN STREET PARKING L	3417 01	416	390	93	2,500	4810	192	5000	190
CHURCH PARKING LOT	3417 02	416	375	90	2,500	2250	90	5000	2750
RAILROAD PARKING LOT	3417 03	1,250	1200	96	7,500	7440	99	15000	7560
MOBILE ST. PKG.LOT #1	3417 04		50			730			730-

MOBILE ST. PKG.LOT #2	3417	05		83		500		1000	1000
BATSON STREET PKG. LO	3417	06							
HEMPHILL PKG. LOT	3417	07	208	150	72	1,250	750	60	2500
EAST PINE PKG.LOT	3417	08					300		300-
PARKING-MISC	3417	09							
PARKING SPACES									
EQUIPMENT	3419			2,375	2165	91	14,250	16280	114
RENTS AND ROYALTIES									
CEMETERY FEES	3420			9,033	8175	90	54,200	58623	108
CONTRIBUTIONS-PUBLIC	3450			2,916	3635	124	17,500	23534	134
CONTRIB-GORDONS CRK ST	3450	01							
CONTRIB-REV 911 MINUTE	3450	02							
CONTRIB-TRAIN DAY (MP	3450	03							
CONTRIB-FRST CTY ARTS	3450	04		2,083			12,500		25000
CONTRIBUTIONS-FORREST	3455								25000
CONTR-HISTORIC HBRG D	3455	01		2,083			12,500	25000	200
CONTR-FRST CTY MUN CT	3455	02							
CONTRIBUTIONS-FORRE									
CONTRIB-MDTWN STDY MAT	3458			2,083			12,500	25000	200
CONTRIBUTIONS-OTHER	3459			83			500		1000
CONTRIBUTIONS-PUBLIC									
CONTRIBUTIONS-PRIVATE	3460			4,250			25,500	25000	98
CONTRIB-TREE GRANT ECO	3460	01							
CONTRIB-EUREKA SCHOOL	3461								
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							6100	6100-
CONTRIB-NLC HEALTH INI	3471								
CONTRIB-NLC FISCL	3472								
CONTRIBUTIONS-PRIVAT									
POLICE DEPT-MISC CHARGE	3590			4,583	4533	98	27,500	27899	101
OTHER MISC. REVENUE	3599								
MS POWER ENRGY EFFIC P	3599	01		3,750			22,500		45000
OTHER MISC. REVENUE									
				3,750			22,500		45000
MISCELLANEOUS									
TRANSFERS	380A			24,950	20222	81	149,700	169220	113
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		41,666			250,000		500000
T/F '99 TIF B&I CONSTR	3800	12		574			3,448		6895
T/F POL.FORFEITURES	3800	19							6895
T/F POL.FORF O/T(HURR	3800	19HR							
T/F '02 TIF B&I HOME D	3800	21		5,630			33,785		67570
								67570	67570

T/F '03 TIF B&I CHAUVE	3800	22								
T/F TAX COLLECTORS-GPT	3800	27	1,426,166	2969936	208	8,557,000	15553414	181	17114000	1560586
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								
T/F TAX COLL-INT/PEN	3800	27IP	32,500	15267	46	195,000	75277	38	390000	314723
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			1,506,538	2985203	198	9,039,233	15628691	172	18078465	2449774
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TRANSFERS			1,506,538	2985203	198	9,039,233	15628691	172	18078465	2449774
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	4600	84	32,500	29915	92	65000	35085
SALE OF EQUIPMENT	3940		4,166	2010	48	25,000	2010	8	50000	47990
SALE OF SCRAP MATERIAL	3943		83	171	206	500	768	153	1000	232
SALE OF MISC. ITEMS	3945									
SALE OF MAPS/PUBLICATIO	3947						20			20-
SALE OF RECYCLABLE ITEM	3948									
MDB LOAN PYMT-HUB CITY	3950		10,117	10118	100	60,706	60706	100	121412	60706
COPIES/RECORDS REQUEST	3959						63			63-
KERR MAGEE PROJECT	3960									
MS TANK PROJECT	3961									
INSURANCE REIMB-STORM	3962		12,500			75,000	108863	145	150000	41137
VENDING COMM./REFUNDS	3964									
REFUND & RECOVERY	3965		833	4561	547	5,000	14840	296	10000	4840-
RECOVERY OF DAMAGE CLAI	3967									
REFUND/RECOVERY-INFO SY	3968									
RECOVERY-PERS SERV/EQUI	3969						2287			2287-
CAPITAL LEASE PROCEEDS	3970		108,750			652,500			1305000	1305000
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			141,867	21460	15	851,206	219471	25	1702412	1482941
BEGINNING CASH BALANCE	399A									
APPROPRIABLE FUND BALAN	3999		445,190			2,671,145			5342290	5342290
-----			-----	-----	----	-----	-----	-----	-----	-----
BEGINNING CASH BALANC			445,190			2,671,145			5342290	5342290
-----			-----	-----	----	-----	-----	-----	-----	-----
REVENUES			5,073,168	4993475	98	30,439,012	32739173	107	60878023	28138850

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

REVENUES	OBJ/SUB	CURRENT.....			YEAR-TO-DATE.....			ANNUAL ESTIMATE	UNREALIZED BALANCE
		ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV		
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								
MISC FEDERAL GRANTS	2339								
NATL PARK SER/LAND WTR	2351								
FEDERAL GRANTS									
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								
MISCELLANEOUS GRANTS									
CITY/COUNTY SHARED RE									
CHARGES FOR SERVICES	280A								
WORKSHOP TRNG FEES	2892								
CULTURE AND RECREATION	3100								
SWIM FEES-C.E. ROY/5TH	3110	33			200		400	400	
SWIM FEES-DAHMER PARK	3112	25			150		300	300	
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	333			2,000		4000	4000	
KAMPER PARK CONCESSION	3130								
BALLPARK CONCESSIONS	3131								
CERAMIC CONCESSIONS	3134								
KPZ GIFT SHOP CONCESSI	3135								
ZOO ADMISSIONS	3137								
TATUM PK PAVILION USE	3138	13			80	40	50	160	
EASTSIDE PK PAVILION U	3139	33	40	121	200	40	20	400	
MCNAIR REC CTR USE FEE	3140								
KPZ PAVILION USE FEE	3145								
DAHMER PAVILION USE FE	3147	83	40	48	500	240	48	1000	
KP ED CENTER USE FEE	3149								

TRANSFERS FROM OTHR FND	3800									
T/F GENERAL FUND	3800	01	214,166	1000000	466	1,285,000	1570000	122	2570000	1000000
T/F TAX COLLECTORS-GPT	3800	27	73,333	149375	203	440,000	784977	178	880000	95023
	-----		-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS FROM OTHR			287,500	1149375	399	1,725,000	2354977	136	3450000	1095023
	-----		-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS			287,500	1149375	399	1,725,000	2354977	136	3450000	1095023
NON-REVENUE RECEIPTS	390A									
SALE OF EQUIPMENT	3940									
SALE OF MISC. ITEMS	3945									
COMM.-HOT DIGGITY CONCE	3963									
VENDING COMM./REFUNDS	3964									
REFUND & RECOVERY	3965						135-			135
RECOVERY OF DAMAGE CLAI	3967									
	-----		-----	-----	-----	-----	-----	-----	-----	-----
NON-REVENUE RECEIPTS							135-			135
BEGINNING CASH BALANCE	399A									
APPROPRIABLE FUND BALAN	3999		54,886			329,319			658638	658638
	-----		-----	-----	-----	-----	-----	-----	-----	-----
BEGINNING CASH BALANC			54,886			329,319			658638	658638
	-----		-----	-----	-----	-----	-----	-----	-----	-----
REVENUES			347,333	1152543	331	2,083,999	2371806	113	4167998	1796192

004004 - LIBRARY FUND REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

4/02/18

ALL FUNDS

6 MONTHS ENDING 03/31/18

	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			145392				764063			764063-
		-----	-----	-----	----	-----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR				145392				764063			764063-
		-----	-----	-----	----	-----	-----	-----	----	-----	-----
TRANSFERS				145392				764063			764063-
		-----	-----	-----	----	-----	-----	-----	----	-----	-----
REVENUES				145392				764063			764063-

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

		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								
PRO-RATA FIRE INS. PREM	2620	20,833			125,000			250000	250000
FIRE INS REBATE/CODE EN	2625	583			3,500			7000	7000
		-----	-----	----	-----	-----	----	-----	-----
STATE-SHARED REVENUE		21,416			128,500			257000	257000
CHARGES FOR SERVICES	280A								
PUBLIC SAFETY	2850								
FIRE PROT.SHARE-USM	2862	7,971			47,826			95652	95652
HAZ.MAT.TRAINING FEES	2885								
		-----	-----	----	-----	-----	----	-----	-----
PUBLIC SAFETY		7,971			47,826			95652	95652
		-----	-----	----	-----	-----	----	-----	-----
CHARGES FOR SERVICES		7,971			47,826			95652	95652
FINES AND FORFEITS	330A								
FIRE CODE VIOLATIONS	3325		46			364			364-
		-----	-----	----	-----	-----	----	-----	-----
FINES AND FORFEITS			46			364			364-
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
SAVINGS ACCOUNT/MMA	3405	250	279	111	1,500	2759	183	3000	241
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS		250	279	111	1,500	2759	183	3000	241
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-OTHER	3469								
		-----	-----	----	-----	-----	----	-----	-----
CONTRIBUTIONS-PRIVAT									
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS		250	279	111	1,500	2759	183	3000	241
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01								
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR									
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS									
NON-REVENUE RECEIPTS	390A								
SALE OF REAL ESTATE	3920								
SALE OF EQUIPMENT	3940								
INSURANCE REIMB-STORM	3962								
REFUND & RECOVERY	3965								
CAPITAL LEASE PROCEEDS	3970	37,500			225,000			450000	450000
NOTE PROCEEDS	3975								
FIRE STATION	3975 03								
		-----	-----	----	-----	-----	----	-----	-----
NOTE PROCEEDS									
		-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS		37,500			225,000			450000	450000
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	63,919			383,517			767033	767033

BEGINNING CASH BALANC	-----	63,919	-----	-----	383,517	-----	-----	767033	767033
REVENUES	-----	131,057	325	-----	786,343	3123	-----	1572685	1569562

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	OBJ/SUB	CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
		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	5,000			30,000	36272	120	60000	23728

STATE-SHARED REVENUE		5,000			30,000	36272	120	60000	23728
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	41	66	160	250	374	149	500	126

INTEREST EARNINGS		41	66	160	250	374	149	500	126
CONTRIBUTIONS-PUBLIC	3450								
CONTRIB-USM-CLASSIC DR	3452								
CONTRIBUTIONS-FORREST	3455								

CONTRIBUTIONS-PUBLIC									

MISCELLANEOUS		41	66	160	250	374	149	500	126
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	5,671			34,031			68062	68062

BEGINNING CASH BALANC		5,671			34,031			68062	68062

REVENUES		10,713	66		64,281	36647	57	128562	91915

4/02/18

		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								
CHARGES FOR SERVICES	280A								
SANITATION	2950								
LAGOON DUMPING	2955	2,083	2625	126	12,500	14115	112	25000	10885
	-----	-----	-----	---	-----	-----	---	-----	-----
SANITATION		2,083	2625	126	12,500	14115	112	25000	10885
	-----	-----	-----	---	-----	-----	---	-----	-----
CHARGES FOR SERVICES		2,083	2625	126	12,500	14115	112	25000	10885
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	350	485	138	2,100	2515	119	4200	1685
OTHER INTEREST-MMA	3407								
	-----	-----	-----	---	-----	-----	---	-----	-----
INTEREST EARNINGS		350	485	138	2,100	2515	119	4200	1685
RENTS AND ROYALTIES	3410								
EQUIPMENT	3419								
	-----	-----	-----	---	-----	-----	---	-----	-----
RENTS AND ROYALTIES									
	-----	-----	-----	---	-----	-----	---	-----	-----
MISCELLANEOUS		350	485	138	2,100	2515	119	4200	1685
ENTERPRISE ACCOUNTS	360A								
TAPS	3610								
SEWERAGE TREATMENT	3720								
METER RELOCATION	3730								
MISCELLANEOUS	3790								
	-----	-----	-----	---	-----	-----	---	-----	-----
ENTERPRISE ACCOUNTS									
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F WATER & SEWER B&I	3800 10								
T/F WATER & SEWER	3800 11	870,833	880940	101	5,225,000	5164361	98	10450000	5285639
T/F CUSTOMER METER	3800 24								
T/F W&S CONSTR	3800 75								
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TRANSFERS FROM OTHR		870,833	880940	101	5,225,000	5164361	98	10450000	5285639
	-----	-----	-----	---	-----	-----	---	-----	-----
TRANSFERS		870,833	880940	101	5,225,000	5164361	98	10450000	5285639
NON-REVENUE RECEIPTS	390A								
SALE OF EQUIPMENT	3940								
SALE OF SCRAP MATERIAL	3943								
SALE OF MISC. ITEMS	3945								
INSURANCE REIMB-STORM	3962	4,750			28,500	57000	200	57000	
REFUND & RECOVERY	3965		108			108			108-
RECOVERY OF DAMAGE CLAIMS	3967								
CAPITAL LEASE PROCEEDS	3970								
	-----	-----	-----	---	-----	-----	---	-----	-----
NON-REVENUE RECEIPTS		4,750	108	2	28,500	57108	200	57000	108-
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	109,940			659,642			1319283	1319283

BEGINNING CASH BALANC	-----	109,940	-----	-----	659,642	-----	-----	1319283	1319283
REVENUES	-----	987,956	884158	89	5,927,742	5238099	88	11855483	6617384

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	OBJ/SUB	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	416	1733	416	2,500	7801	312	5000	2801-
OTHER INTEREST-MMA	3407	250	1827	730	1,500	8391	559	3000	5391-
TREASURY NOTES	3409								
INTEREST EARNINGS		666	3560	534	4,000	16192	404	8000	8192-
MISCELLANEOUS		666	3560	534	4,000	16192	404	8000	8192-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F '13 W&S BOND CONST	3800 105								
T/F WATER & SEWER '06	3800 11A								
T/F WATER & SEWER '12	3800 11B	75,000	75000	100	450,000	450000	100	900000	450000
T/F WATER & SEWER '13	3800 11C	131,250	131250	100	787,500	787500	100	1575000	787500
T/F WATER & SEWER '16	3800 11D	266,666	266667	100	1,600,000	1600000	100	3200000	1600000
T/F '10 W&S GO BONDS	3800 11GO	40,000	40000	100	240,000	240000	100	480000	240000
T/F WTR/SWR(METER GO)	3800 11M	58,333	58333	100	350,000	350000	100	700000	350000
T/F W&S '16 REF BOND	3800 11REF	126,666	126667	100	760,000	760000	100	1520000	760000
T/F W&S B&I USA YEAST	3800 15								
T/F W & S CONTINGENCY	3800 17								
T/F W&S CONSTR	3800 75								
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 OTHR		697,916	697917	100	4,187,500	4187500	100	8375000	4187500
TRANSFERS		697,916	697917	100	4,187,500	4187500	100	8375000	4187500
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
BOND PREMIUM	3913								
ACCRUED INTEREST	3915								
REFUND & RECOVERY	3965								
SALE OF BONDS									
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	934,734			5,608,408			11216815	11216815
BEGINNING CASH BALANC		934,734			5,608,408			11216815	11216815
REVENUES		1,633,317	701477	42	9,799,908	4203692	42	19599815	15396123

REVENUES

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	1,807,275	1705397	94	10,843,650	10536936	97	21687300	11150364

012012 - 1999 TAX INCRE B&I-REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	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								
FORREST CTY	2705								

CITY/COUNTY-SHARED RE									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		1			5			5-
OTHER INTEREST	3407								
TREASURY NOTES	3409								

INTEREST EARNINGS			1			5			5-

MISCELLANEOUS			1			5			5-
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	574			3,448			6895	6895

BEGINNING CASH BALANC		574			3,448			6895	6895

REVENUES		574	1		3,448	5		6895	6890

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

4/02/18

6 MONTHS ENDING 03/31/18

	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										
PROPERTY TAX DISTR-SUNB	2728										
KOHLER DEBT.SER-FORREST	2730										
CITY/COUNTY-SHARED RE											
MISCELLANEOUS	340A										
INTEREST EARNINGS	3400										
CERTIFICATES OF DEPOSIT	3402										
SAVINGS ACCOUNT/MMA	3405	583		2264	388	3,500		15183	433	7000	8183-
OTHER INTEREST-MMA	3407										
TREASURY NOTES	3409										
INTEREST EARNINGS		583		2264	388	3,500		15183	433	7000	8183-
RENTS AND ROYALTIES	3410										
BUILDING	3412										
KOHLER	3412 17										
ABILITYWORKS INC (ALLI	3412 19										
OTHER BLDG. RENT	3412 99										
BUILDING											
RENTS AND ROYALTIES											
MISCELLANEOUS		583		2264	388	3,500		15183	433	7000	8183-
TRANSFERS	380A										
TRANSFERS FROM OTHR FND	3800										
T/F GENERAL FUND	3800 01										
T/F SPEC.SALES TAX	3800 107	10,426				62,560				125120	125120
T/F TAX COLLECTORS-GPT	3800 27	211,666		433070	204	1,270,000		2279351	179	2540000	260649
T/F INDUSTRIAL PARK DE	3800 87										
T/F IND.PARK (KOHLER)	3800 87K										
T/F IND.PARK (SUNBEAM)	3800 87S										
T/F D/T LIGHTING	3800 90										
T/F MDB CAPITAL PROJEC	3800 96										
TRANSFERS FROM OTHR		222,093		433070	194	1,332,560		2279351	171	2665120	385769
TRANSFERS		222,093		433070	194	1,332,560		2279351	171	2665120	385769
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	17,841				107,050		54550	50	214100	159550
REFUND & RECOVERY	3965										
NON-REVENUE RECEIPTS		17,841				107,050		54550	50	214100	159550
BEGINNING CASH BALANCE	399A										
APPROPRIABLE FUND BALAN	3999	417,153				2,502,918				5005836	5005836

BEGINNING CASH BALANC	-----	-----	-----	----	-----	-----	----	-----	-----
		417,153			2,502,918			5005836	5005836
REVENUES	-----	-----	-----	----	-----	-----	----	-----	-----
		657,671	435333	66	3,946,028	2349084	59	7892056	5542972

014014 - SCHOOL FUND REVENUES

CITY OF HATTIESBURG
 REVENUE REPORT
 ALL FUNDS
 6 MONTHS ENDING 03/31/18

4/02/18

	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		2387680			14532343			14532343-
T/F TAX COLL-GPT-'88 B	3800 27SB		331748			1910782			1910782-
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR			2719428			16443125			16443125-
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS			2719428			16443125			16443125-
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES			2719428			16443125			16443125-

015015 - W&S B&I USA YEAST REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
		ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	OBJ/SUB								
	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405								
OTHER INTEREST-MMA	3407								
TREASURY NOTES	3409								

INTEREST EARNINGS									

MISCELLANEOUS									
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F 2002 USA YEAST PROJECT	3800 106								
T/F WATER & SEWER	3800 11								

TRANSFERS FROM OTHER									

TRANSFERS									
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PREMIUM	3913								
ACCRUED INTEREST-'02 W&S BONDS	3915								

SALE OF BONDS									
REFUND & RECOVERY	3965								

NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	1			11			22	22

BEGINNING CASH BALANCE		1			11			22	22

REVENUES		1			11			22	22

018018 - P&FD&R REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	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		428			2760			2760-
MISCELLANEOUS			428			2760			2760-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27		248136			1302862			1302862-
TRANSFERS FROM OTHR			248136			1302862			1302862-
TRANSFERS			248136			1302862			1302862-
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999								
BEGINNING CASH BALANC									
REVENUES			248564			1305623			1305623-

4/02/18

CONTRIBUTIONS-PUBLIC

CONTRIBUTIONS-PRIVATE	3460							
CONTRIB-D.A.R.E.	3461							
CONTRIB-OTHER	3469							

CONTRIBUTIONS-PRIVAT								

MISCELLANEOUS		17			104			104-

TRANSFERS	380A							
TRANSFERS FROM OTHR FND	3800							
T/F GENERAL FUND	3800 01							

TRANSFERS FROM OTHR								

TRANSFERS								
NON-REVENUE RECEIPTS	390A							
SALE OF EQUIPMENT	3940							
SALE OF CANINES	3946							
INSURANCE REIMB-STORM	3962							
REFUND & RECOVERY	3965							

NON-REVENUE RECEIPTS								
BEGINNING CASH BALANCE	399A							
APPROPRIABLE FUND BALAN	3999	29,568			177,413		354826	354826

BEGINNING CASH BALANC		29,568			177,413		354826	354826

REVENUES		29,568	2303	7	177,413	69061	38	354826 285765

020020 - 2002 TIF B&I-S/P REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	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	11,142			66,852			133704	133704
CITY/COUNTY-SHARED REVENUE		11,142			66,852			133704	133704
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		5			59			59-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS			5			59			59-
MISCELLANEOUS			5			59			59-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F TAX COLLECTORS-GPT	3800 27	11,142			66,852			133704	133704
T/F '02 TIF CONSTR-SO.	3800 88								
T/F '14 TIF CONSTR-SO.	3800 91								
TRANSFERS FROM OTHER		11,142			66,852			133704	133704
TRANSFERS		11,142			66,852			133704	133704
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	21,625			129,752			259504	259504
BEGINNING CASH BALANCE		21,625			129,752			259504	259504
REVENUES		43,909	5		263,456	59		526912	526853

021021 - 2004 TIF B&I-H/D REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	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		39			252			252-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS			39			252			252-
MISCELLANEOUS			39			252			252-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27								
T/F '04 TIF CONSTR-HOM	3800 89								
TRANSFERS FROM OTHR									
TRANSFERS									
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	5,630			33,785			67570	67570
BEGINNING CASH BALANC		5,630			33,785			67570	67570
REVENUES		5,630	39		33,785	252		67570	67318

022022 - 2003 TIF B&I-C/S REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	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		112			683			683-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS			112			683			683-
MISCELLANEOUS			112			683			683-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F GENERAL FUND	3800 01								
T/F TAX COLLECTORS-GPT	3800 27	23,510			141,064			282127	282127
T/F 2003 TIF CONST-CHA	3800 90								
TRANSFERS FROM OTHER		23,510			141,064			282127	282127
TRANSFERS		23,510			141,064			282127	282127
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	16,214			97,284			194568	194568
BEGINNING CASH BALANCE		16,214			97,284			194568	194568
REVENUES		39,724	112		238,348	683		476695	476012

023023 - 2007 TIF B&I-T/C REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

		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	9,405			56,430			112860	112860
		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE		9,405			56,430			112860	112860
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	4	42	1050	25	322	1288	50	272-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS		4	42	1050	25	322	1288	50	272-
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS		4	42	1050	25	322	1288	50	272-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27	28,592			171,555			343109	343109
T/F 2007 TIF CONST-TUR	3800 91								
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR		28,592			171,555			343109	343109
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		28,592			171,555			343109	343109
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
		-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	6,006			36,041			72081	72081
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		6,006			36,041			72081	72081
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		44,008	42		264,050	322		528100	527778

024024 - 2008 TIF B&I-L/C REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	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		71			392			392-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS			71			392			392-
MISCELLANEOUS			71			392			392-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27								
T/F 2008 TIF CONST-L/C	3800 90								
TRANSFERS FROM OTHR									
TRANSFERS									
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	10,213			61,282			122564	122564
BEGINNING CASH BALANC		10,213			61,282			122564	122564
REVENUES		10,213	71		61,282	392		122564	122172

025025 - 2011 TIF B&I-KOHL'S REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

REVENUES	OBJ/SUB	CURRENT.....			YEAR-TO-DATE.....			ANNUAL ESTIMATE	UNREALIZED BALANCE
		ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV		
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVEN	270B								
LAMAR CTY	2708	2,654			15,925		31850	31850	
		-----	-----	----	-----	-----	-----	-----	
CITY/COUNTY-SHARED RE		2,654			15,925		31850	31850	
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		3		51			51-	
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	----	-----	-----	-----	-----	
INTEREST EARNINGS			3		51			51-	
		-----	-----	----	-----	-----	-----	-----	
MISCELLANEOUS			3		51			51-	
TRANSFERS	380A								
TRANSFERS FROM OTHER FND	3800								
T/F TAX COLLECTORS-GPT	3800 27	5,377			32,265		64530	64530	
T/F 2011 TIF CONST-KOH	3800 91								
		-----	-----	----	-----	-----	-----	-----	
TRANSFERS FROM OTHER		5,377			32,265		64530	64530	
		-----	-----	----	-----	-----	-----	-----	
TRANSFERS		5,377			32,265		64530	64530	
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
APPROPRIABLE FUND BALAN	3999	1,308			7,849		15698	15698	
		-----	-----	----	-----	-----	-----	-----	
NON-REVENUE RECEIPTS		1,308			7,849		15698	15698	
		-----	-----	----	-----	-----	-----	-----	
REVENUES		9,339	3		56,039	51	112078	112027	

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	OBJ/SUB	CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
		ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVEN	270B								
FORREST CTY	2705	15,271			91,630			183260	183260
LAMAR CTY	2708								
		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE		15,271			91,630			183260	183260
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		76			664			664-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			76			664			664-
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			76			664			664-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27	12,714			76,288			152575	152575
T/F 2016 TIF CONST-WHI	3800 91								
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR		12,714			76,288			152575	152575
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		12,714			76,288			152575	152575
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
		-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	16,322			97,932			195864	195864
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		16,322			97,932			195864	195864
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		44,308	76		265,850	664		531699	531035

LICENSES, PERMITS & F								
MISCELLANEOUS	340A							
INTEREST EARNINGS	3400							
CERTIFICATES OF DEPOSIT	3402							
SAVINGS ACCOUNT/MMA	3405		743		1303			1303-
TREASURY NOTES	3409							
INTEREST EARNINGS			743		1303			1303-
MISCELLANEOUS			743		1303			1303-
NON-REVENUE RECEIPTS	390A							
REFUND & RECOVERY	3965							
NON-REVENUE RECEIPTS								
REVENUES			6700393		37416428			37416428-

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVENUE	270B								
FORREST COUNTY	2705	3,168			19,012			38023	38023
LAMAR CTY	2708								
CITY/COUNTY-SHARED REVENUE		3,168			19,012			38023	38023
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		8			192			192-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS			8			192			192-
MISCELLANEOUS			8			192			192-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F TAX COLLECTORS-GPT	3800 27	3,168			19,012			38023	38023
T/F 2016 TIF CONST-HBR	3800 91								
TRANSFERS FROM OTHER		3,168			19,012			38023	38023
TRANSFERS		3,168			19,012			38023	38023
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965					1			1-
NON-REVENUE RECEIPTS						1			1-
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	7,495			44,974			89948	89948
BEGINNING CASH BALANCE		7,495			44,974			89948	89948
REVENUES		13,832	8		82,997	193		165994	165801

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
OTHER PERMITS & FEES	2230								
FLOWAGE FEE	2295								
	-----	-----	-----	----	-----	-----	----	-----	-----
OTHER PERMITS & FEES									
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
FEDERAL AVIATION ADM.	2330	152,896			917,381	683951	74	1834761	1150810
	-----	-----	-----	----	-----	-----	----	-----	-----
FEDERAL GRANTS		152,896			917,381	683951	74	1834761	1150810
STATE GRANTS	250B								
MDOT-MULTIMODAL GRANT	2509								
AIRPORT GRANT	2540	8,305			49,836			99671	99671
	-----	-----	-----	----	-----	-----	----	-----	-----
STATE GRANTS		8,305			49,836			99671	99671
STATE-SHARED REVENUE	260B								
AIRPLANE REGISTRATION T	2655								
	-----	-----	-----	----	-----	-----	----	-----	-----
STATE-SHARED REVENUE									
CITY/COUNTY-SHARED REVEN	270B								
AIRPORT ASSIST-FORREST	2725								
	-----	-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
SAVINGS ACCOUNT/MMA	3405					187			187-
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS						187			187-
RENTS AND ROYALTIES	3410								
BUILDING	3412								
YORK INT/JOHNSON CONT	3412 12		3500			3500			3500-
LORESCO INC	3412 13					500			500-
COCA COLA (1906 COMPA	3412 14								
H'BURG HANGER ASSN.	3412 18								
SOUTHEAST AVIATION SE	3412 21		1514			12722			12722-
SE AVIATION BLDG LAND	3412 22					1200			1200-
OTHER BLDG. RENT	3412 99								
	-----	-----	-----	----	-----	-----	----	-----	-----
BUILDING			5014			17922			17922-
MINERAL LEASE-AIRPORT	3418								
	-----	-----	-----	----	-----	-----	----	-----	-----
RENTS AND ROYALTIES			5014			17922			17922-
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			5014			18110			18110-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01								
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR									
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS									
NON-REVENUE RECEIPTS	390A								

SALE OF REAL ESTATE	3920								
SALE OF TIMBER	3923								
	-----	-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	47,933			287,602			575204-	575204-
	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		47,933			287,602			575204-	575204-
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES		113,269	5014	4	679,614	702060	103	1359228	657168

050050 - 2015A TIF B&I-RIDGE/TURTLE CRK

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

		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	230B								
LAMAR COUNTY	2708	2,489			14,939			29877	29877
		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE		2,489			14,939			29877	29877
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
SAVINGS ACCOUNT/MMA	3405		17			204			204-
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			17			204			204-
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			17			204			204-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27	7,469			44,816	20000	44	89631	69631
T/F TIF CONSTRUCTION	3800 91								
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR		7,469			44,816	20000	44	89631	69631
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		7,469			44,816	20000	44	89631	69631
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	8,431			50,591			101182	101182
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		8,431			50,591			101182	101182
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		18,390	17		110,345	20204	18	220690	200486

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

		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	230B								
CITY/COUNTY-SHARED REVEN	270B								
FORREST CTY	2705	958			5,750			11500	11500

CITY/COUNTY-SHARED RE		958			5,750			11500	11500
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
SAVINGS ACCOUNT/MMA	3405		4			43			43-

INTEREST EARNINGS			4			43			43-

MISCELLANEOUS			4			43			43-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27	958			5,750	15000	260	11500	3500-
T/F TIF CONSTRUCTION	3800 91								

TRANSFERS FROM OTHR		958			5,750	15000	260	11500	3500-

TRANSFERS		958			5,750	15000	260	11500	3500-
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
BOND PREMIUM	3913								
ACCRUED INTEREST	3915								

SALE OF BONDS									
REFUND & RECOVERY	3965					1			1-

NON-REVENUE RECEIPTS						1			1-
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	827			4,967			9933	9933

BEGINNING CASH BALANC		827			4,967			9933	9933

REVENUES		2,744	4		16,467	15044	91	32933	17889

4/02/18

		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								
FHWA-STORM RELATED	2323								
EDA GRANT-LAMAR BLVD	2333	37,500			225,000			450000	450000
FEMA RELIEF	2337								
	-----	-----	-----	----	-----	-----	----	-----	-----
FEDERAL GRANTS		37,500			225,000			450000	450000
STATE GRANTS	250B								
STATE BOND FDS	2501								
STATE BOND FDS/GORDON	2501 01								
STATE BOND FDS/GORDON	2501 02								
STATE BOND FDS/LLT EDW	2501 03								
	-----	-----	-----	----	-----	-----	----	-----	-----
STATE BOND FDS									
GORDON CRK PATH/PAT HAR	2502								
GORDON CRK SDWLKS/HBURG	2503								
MDIP-HBRG CLINIC ACCESS	2530					138786			138786-
WEATHERSBY ROAD	2533								
MDOT-MPO GRANT	2555								
MDOT-BONHOMIE/TATUM SI	2555 01								
MDOT-TRAFFIC SIGNALS	2555 02								
MDOT-NEW TARGET	2555 03								
MDOT-#1 HARDY ST WIDEN	2555 04								
MDOT-LLT-US 49 TO MAIN	2555 05	8,963			53,784			107567	107567
MDOT-#2 HARDY ST WIDEN	2555 06								
MDOT-TRAF SIGNAL-SO.PO	2555 07								
MDOT-ARRA-PINE B'WAY T	2555 08								
MDOT-SIDEWALKS-SCHOOLS	2555 09								
MDOT-WESTERN BELTWAY	2555 10	17,893			107,360			214719	214719
MDOT-RAILROAD CROSSING	2555 11								
MDOT-FUTURE PROJECT	2555 12								
MDOT-B'WAY,MOBILE TE	2555 13								
MDOT-34TH AVE TE	2555 14								
MDOT-4TH ST PHASE I	2555 15								
MDOT-4TH ST PHASE II	2555 16	97,004			582,027			1164054	1164054
MDOT-MARTIN LUTHER KIN	2555 17								
MDOT-SIDEWALKS-HAWKINS	2555 18	13,144			78,864			157728	157728
MDOT-SIDEWALKS-TUSCAN	2555 19	23,772			142,635			285269	285269
MDOT-LLT DEPOT TO CHAI	2555 20	35,316			211,900			423800	423800
MDOT-J ED TURNER BIKE	2555 21	21,000			126,000			252000	252000
	-----	-----	-----	----	-----	-----	----	-----	-----
MDOT-MPO GRANT		217,094			1,302,569			2605137	2605137
	-----	-----	-----	----	-----	-----	----	-----	-----
STATE GRANTS		217,094			1,302,569	138786	10	2605137	2466351
CITY/COUNTY-SHARED REVEN	270B								
FORREST - INFRAST. IMPR	2707								
PRO-RATA CTY RD TAX-FOR	2710	66,666	117137	175	400,000	575490	143	800000	224510
PRO-RATA CTY RD TAX-LAM	2715	83,333	107537	129	500,000	741004	148	1000000	258996
MISCELLANEOUS GRANTS	2740								
	-----	-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE		150,000	224674	149	900,000	1316494	146	1800000	483506
MISCELLANEOUS	340A								

INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	416	21	5	2,500	202	8	5000	4798
-----		-----	-----	-----	-----	-----	-----	-----	-----
INTEREST EARNINGS		416	21	5	2,500	202	8	5000	4798
CONTRIBUTIONS-PUBLIC	3450								
CONTRIB-LLT TO MUSEUM	3450 05	16,666			100,000			200000	200000
CONTRIBUTIONS-FORREST	3455								
CONTRIB-RAILS TO TRAIL	3457	3,333			20,000			40000	40000
-----		-----	-----	-----	-----	-----	-----	-----	-----
CONTRIBUTIONS-PUBLIC		20,000			120,000			240000	240000
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-RAILROAD PROJE	3460 01								
CONTRIB-FGH	3460 02	33,333			200,000			400000	400000
CONTRIB-H'BURG CLINIC	3460 03	34,416			206,500			413000	413000
CONTRIB-CHAUVET SQ.PRO	3469								
-----		-----	-----	-----	-----	-----	-----	-----	-----
CONTRIBUTIONS-PRIVAT		67,750			406,500			813000	813000
-----		-----	-----	-----	-----	-----	-----	-----	-----
MISCELLANEOUS		88,166	21		529,000	202		1058000	1057798
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								
REFUND-COST SHARING	3969								
CAPITAL LEASE PROCEEDS	3970								
-----		-----	-----	-----	-----	-----	-----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	103,577			621,466			1242932	1242932
-----		-----	-----	-----	-----	-----	-----	-----	-----
BEGINNING CASH BALANC		103,577			621,466			1242932	1242932
-----		-----	-----	-----	-----	-----	-----	-----	-----
REVENUES		596,339	224695	37	3,578,035	1455482	40	7156069	5700587

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
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	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
		CURRENT	YEAR-TO-DATE						
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
UMTA-MASS TRANS-OPER.C/	2340	82,541	29418	35	495,250	202499	40	990500	788001
UMTA-MASS TRANS-CAPTL.	2341	92,692	4862	5	556,157	70098	12	1112314	1042216
UMTA-MASS TRANS-PLANNIN	2342								
UMTA-MASS TRANS-P/Y	2343								
UMTA-MASS TRANS-PREV.C/	2344	20,512	9179	44	123,077	83533	67	246154	162621
ARRA-MASS TRANS	2345								
JARC-MASS TRANS	2346	11,207			67,246	23555	35	134491	110936
TRANSIT FACILITY RENOV-	2347 01	61,010			366,063			732126	732126
TRANSIT FACILITY RENOV-	2347 02	53,080			318,483			636966	636966
FEDERAL GRANTS		321,045	43459	13	1,926,276	379685	19	3852551	3472866
STATE GRANTS	250B								
MDOT GRANT (PLANNING/CAP	2555					13000			13000-
STATE GRANTS						13000			13000-
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
SAVINGS ACCOUNT/MMA	3405	58	144	248	350	764	218	700	64-
INTEREST EARNINGS		58	144	248	350	764	218	700	64-
MASS TRANSIT CHARGES	3520								
BUS FARES-FIXED ROUTES	3525	3,500	3602	102	21,000	17563	83	42000	24437
BUS FARES-DEMAND RES-D	3527	250			1,500			3000	3000
ADVERTISING	3535		279			1662			1662-
MISC. CHARGES & FEES	3540								
MASS TRANSIT CHARGES		3,750	3881	103	22,500	19225	85	45000	25775
MISCELLANEOUS		3,808	4025	105	22,850	19989	87	45700	25711
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01	19,166			115,000	230000	200	230000	
T/F TAX COLLECTORS-GPT	3800 27	18,250	37046	202	109,500	194875	177	219000	24125
TRANSFERS FROM OTHR		37,416	37046	99	224,500	424875	189	449000	24125
TRANSFERS		37,416	37046	99	224,500	424875	189	449000	24125
NON-REVENUE RECEIPTS	390A								
SALE OF EQUIPMENT	3940		4770			4770			4770-
SALE OF SCRAP MATERIAL	3943								
VENDING COMM./REFUNDS	3964								
REFUND & RECOVERY	3965		24000			24000			24000-
RECOVERY OF DAMAGE CLAI	3967	30,000			180,000			360000	360000
NON-REVENUE RECEIPTS		30,000	28770	95	180,000	28770	15	360000	331230
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	12,685			76,111			152221	152221
BEGINNING CASH BALANC		12,685			76,111			152221	152221

REVENUES

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	404,956	113300	27	2,429,736	866319	35	4859472	3993153

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
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4/02/18

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
EDA GRANT-WTR EXT/98 &	2333					228348			228348-
CDBG-USA YEAST	2336								
FEMA RELIEF	2337								
CDBG-WIS PAK	2338								
CDBG-WATER PLANT 2 RENO	2339								
MDA DIP DEWS WTR LINES	2352 01								
MDA DIP LAMAR BLVD	2352 02	41,666			250,000			500000	500000
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		41,666			250,000	228348	91	500000	271652
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	416	88	21	2,500	1261	50	5000	3739
INTEREST EARNINGS		416	88	21	2,500	1261	50	5000	3739
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	2852	228	7,500	8555	114	15000	6445
CCATT HOLDINGS-WATER	3411 15	833	672	80	5,000	4032	80	10000	5968
AP WIRELESS INVESTMEN	3411 16	19,916			119,500			239000	239000
LAND		22,000	3524	16	132,000	12586	9	264000	251414
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		22,000	3524	16	132,000	12586	9	264000	251414
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-USA YEAST SWR	3461								
CONTRIBUTIONS-PRIVATE									
MISCELLANEOUS		22,416	3612	16	134,500	13847	10	269000	255153

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	185,427		1,112,567		2225133	2225133	
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			185,427		1,112,567		2225133	2225133	
TRANSFERS			185,427		1,112,567		2225133	2225133	
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		225,105		1,350,635		2701269	2701269	
BEGINNING CASH BALANC			225,105		1,350,635		2701269	2701269	
REVENUES			474,616	3612	2,847,701	242195	8	5695402	5453207

4/02/18

		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	100	25	25	600	100	16	1200	1100
SIGLER CENTER USE FEE	3141	366	200	54	2,200	1885	85	4400	2515
C.E.ROY/5TH ST.C.C.USE	3142	625	374	59	3,750	2658	70	7500	4842
JDS C.C. USE FEE	3143		1250			7388			7388-
SAENGER THEATER USE FE	3144								
CULTURAL CTR USE FEE	3146	50	850	1700	300	2350	783	600	1750-
N R BURGER/6TH ST CC U	3148								
CULTURE AND RECREATI		1,141	2699	236	6,850	14381	209	13700	681-
CHARGES FOR SERVICES		1,141	2699	236	6,850	14381	209	13700	681-
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
SAVINGS ACCOUNT/MMA	3405	50	43	86	300	449	149	600	151
INTEREST EARNINGS		50	43	86	300	449	149	600	151
RENTS AND ROYALTIES	3410								
EQUIPMENT	3419								
RENTS AND ROYALTIES									
CONTRIBUTIONS-PUBLIC	3450								
CONTRIBUTIONS-FORREST	3455								
CONTRIBUTIONS-PUBLIC									
CONTRIBUTIONS-PRIVATE	3460								
MISCELLANEOUS		50	43	86	300	449	149	600	151
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01	50,000	600000	1200	300,000	600000	200	600000	
TRANSFERS FROM OTHR		50,000	600000	1200	300,000	600000	200	600000	
TRANSFERS		50,000	600000	1200	300,000	600000	200	600000	
NON-REVENUE RECEIPTS	390A								
COMMISSIONS-TCKTS/CONCE	3963								
REFUND & RECOVERY	3965	41			250	75-	30	500	575
RECOVERY OF DAMAGE CLAI	3967								
NON-REVENUE RECEIPTS		41			250	75-	30	500	575
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	58,169			349,020			698039	698039
BEGINNING CASH BALANC		58,169			349,020			698039	698039

REVENUES	109,403	602742	550	656,420	614755	93	1312839	698084
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4/02/18

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4/02/18

	OBJ/SUB		CURRENT.....	YEAR-TO-DATE.....	ANNUAL	UNREALIZED	
REVENUES	200		ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
INTER-GOVERNMNTL REVENUE	230A						
FEDERAL GRANTS	230B						
CDBG-R ARRA (WOODLEY SD	2338						
CDBG-ENT.-DRAINAGE	2365	DRG					
CDBG-ENT.-EMER.REHAB.	2365	ER					
CDBG-ENT.-FULL REHAB.	2365	FR					
CDBG-R ARRA (WOODLEY							
HOME ENTITLEMENT-1995	2367						
HOME ENTIT-DOWNPAYMENT	2367	DA					
HOME ENTIT-FULL REHAB.	2367	FR					
HOME ENTITLEMENT-199							
CDBG-ENTITLEMENT-2016	2385						
CDBG-ENT.-ADMINISTRATI	2385	ADM					
CDBG-ENT.-DEMOLITION	2385	DEM					
CDBG-ENT.-ECONOMIC DEV	2385	EC					
CDBG-ENT.-EMER.REHAB.	2385	ER					
CDBG-ENT.-FACADE PROG	2385	FAC					
CDBG-ENT.-FULL REHAB.	2385	FR					
CDBG-ENT.-HOMELESS/SP	2385	HL/SP					
CDBG-ENT.-HOUSING PROG	2385	HP					
CDBG-ENT.-MICRO ENTERP	2385	ME					
CDBG-ENT.-PROJECT DELI	2385	PD					
CDBG-ENTITLEMENT-201							
HOME ENTITLEMENT-2016	2387						
HOME ENTIT-ADMINISTRAT	2387	ADM					
HOME ENTIT-CHDO	2387	CHDOSA					
HOME ENTIT-DWNPYMNT AS	2387	DA					
HOME ENTIT-FULL REHAB.	2387	FR					
HOME ENTIT-HOUSING PRO	2387	HP					
HOME ENTITLEMENT-201							
HOME ENTITLEMENT-2016	2389						
HOME ENTIT-ADMINISTRAT	2389	ADM					
HOME ENTIT-AFFORD.HOUS	2389	AH					
HOME ENTIT-CHDO SETASI	2389	CHDOSA					
HOME ENTIT-DWNPYMNT AS	2389	DA					
HOME ENTIT-FULL REHAB.	2389	FR					
HOME ENTIT-HOUSING PRO	2389	HP					
HOME ENTITLEMENT-201							
CDBG-ENTITLEMENT-2016	2391						
CDBG-ENT.-ADMINISTRATI	2391	ADM					
CDBG-ENT.-DEMOLITION	2391	DEM					
CDBG-ENT.-EMER.REHAB.	2391	ER					
CDBG-ENT.-FULL REHAB.	2391	FR					
CDBG-ENT.-HOMELESS/SP	2391	HL/SP					
CDBG-ENT.-HOUSING PROG	2391	HP					
CDBG-ENT.-MICRO ENTERP	2391	ME					
CDBG-ENT.-NEIGHBORHD G	2391	NG					

CDBG-ENT.-PROJECT DELI	2391	PD						
CDBG-ENT.-PUBLIC SERVI	2391	PS						

CDBG-ENTITLEMENT-201								
HOME ENTITLEMENT-2017	2393							
HOME ENTIT-ADMINISTRAT	2393	ADM						
HOME ENTIT-AFFORD.HOUS	2393	AH						
HOME ENTIT-CHDO SETASI	2393	CHDOSA						
HOME ENTIT-DWNPYMNT AS	2393	DA						
HOME ENTIT-FULL REHAB.	2393	FR						
HOME ENTIT-HOUSING PRO	2393	HP						

HOME ENTITLEMENT-201								
CDBG-ENTITLEMENT-2017	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.-HOMELESS/SP	2395	HL/SP						
CDBG-ENT.-HOUSING PROG	2395	HP						
CDBG-ENT.-MICRO ENTERP	2395	ME						
CDBG-ENT.-NEIGHBORHD G	2395	NG						
CDBG-ENT.-PROJECT DELI	2395	PD						
CDBG-ENT.-PLANNING	2395	PL						
CDBG-ENT.-PUBLIC SERVI	2395	PS						

CDBG-ENTITLEMENT-201								
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
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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	28405		48305		48305-
CDBG-ENT.-MICROENT PRO	2427	MA					
CDBG-ENT.-PROJECT DELI	2427	PD					
CDBG-ENT.-PUBLIC SERVI	2427	PS					

CDBG-ENTITLEMENT-201			28405		48305		48305-
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					

HOME ENTITLEMENT-201							
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					
HOME ENTIT-DOWNPAYMENT	2430	DA					
HOME ENTIT-HOUSING PRO	2430	HP					

HOME ENTITLEMENT-201							
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			8921		8921-
HOME ENTIT-CHDO SETASI	2432	CHDOSA					
HOME ENTIT-DWNPYMNT AS	2432	DA					
HOME ENTIT-HOUSING PRO	2432	HP					

HOME ENTITLEMENT-201					8921		8921-
CDBG-ENTITLEMENT-2015	2433						
CDBG-ENT.-ADMINISTRATI	2433	ADM			66233		66233-
CDBG-ENT.-DEMOLITION	2433	DEM					
CDBG-ENT.-FACADE PROG	2433	FAC					
CDBG-ENT.-HOMELESS/SP	2433	HL/SP					
CDBG-ENT.-HOUSING PROG	2433	HP	8800		104619		104619-
CDBG-ENT.-MICRO ENTERP	2433	ME					
CDBG-ENT.-PROJECT DELI	2433	PD			95249		95249-
CDBG-ENT.-PUBLIC FACIL	2433	PFI			13223		13223-
CDBG-ENT.-PUBLIC SERVI	2433	PS	88,429		530,580	1162	1061159
							1059997

CDBG-ENTITLEMENT-201		88,429	8800	9	530,580	280485	52	1061159	780674
HOME REVOLVING LOANS	2495								
MDA AM DREAM D/P (ADDI)	2497								
MISCELLANEOUS GRANTS	2740								
SALVATION ARMY	2740 04								
SAVINGS ACCOUNT/MMA	3405		4			23			23-
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS GRANTS			4			23			23-
	-----	-----	-----	----	-----	-----	----	-----	-----
FEDERAL GRANTS		88,429	37209	42	530,580	337734	63	1061159	723425
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	13,628			81,774			163547-	163547-
	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		13,628			81,774			163547-	163547-
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES		74,801	37209	49	448,806	337734	75	897612	559878

087087 - INDUSTRIAL PK REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

REVENUES	OBJ/SUB	CURRENT.....			YEAR-TO-DATE.....			ANNUAL ESTIMATE	UNREALIZED BALANCE
		ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV		
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		41			349		349-	
TREASURY NOTES	3409								
INTEREST EARNINGS			41			349		349-	
RENTS AND ROYALTIES	3410								
LAND	3411								
LAMAR OUTDOOR ADVERTISING	3411 05								
LAND									
BUILDING	3412								
RAIL SPUR MAINTENANCE	3412 09		14856			29712		29712-	
BROWN BOTTLING (PEPSI)	3412 10								
L&S REALTORS	3412 11								
KOHLER	3412 17								
JPM OF MS., INC.	3412 20								
SUNBEAM/OSTER	3412 23								
BUILDING			14856			29712		29712-	
RENTS AND ROYALTIES			14856			29712		29712-	
CONTRIBUTIONS-PUBLIC	3450								
CONTRIBUTIONS-FORREST	3455					100000		100000-	
CONTRIBUTIONS-CITY	3456		50000			150000		150000-	
CONTRIBUTIONS-ADP	3457								
CONTRIBUTIONS-PRVEPA	3458								
CONTRIBUTIONS-PUBLIC			50000			250000		250000-	
MISCELLANEOUS			64897			280061		280061-	
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	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							
SALE OF TIMBER	3923							
SALE OF EASEMENTS	3925							
SALE OF MISC. ITEMS	3945							
REFUND & RECOVERY	3965							
NON-REVENUE RECEIPTS								
BEGINNING CASH BALANCE	399A							
APPROPRIABLE FUND BALAN	3999							
BEGINNING CASH BALANC								
REVENUES			64897		280061			280061-

088088 - PUBLIC SAFETY/REC CONSTRUCTION

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	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		646			5992			5992-
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
	-----		-----	----		-----	----	-----	-----
INTEREST EARNINGS			646			5992			5992-
	-----		-----	----		-----	----	-----	-----
MISCELLANEOUS			646			5992			5992-
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	56,784			340,707			681413	681413
	-----	56,784	-----	----	340,707	-----	----	681413	681413
BEGINNING CASH BALANCE		56,784			340,707			681413	681413
	-----	56,784	-----	----	340,707	-----	----	681413	681413
REVENUES		56,784	646	1	340,707	5992	1	681413	675421

089089 - MDA ENERGY EFFICIENCY CAP PROJ

CITY OF HATTIESBURG
 REVENUE REPORT
 ALL FUNDS
 6 MONTHS ENDING 03/31/18

4/02/18

	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	50,484			302,904			605808	605808
BEGINNING CASH BALANCE		50,484			302,904			605808	605808
REVENUES		50,484			302,904			605808	605808

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
MONTHS ENDING 03/31/18

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[illegible]

091091 - TIF CONST-REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	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			6			6-
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								

INTEREST EARNINGS			1			6			6-

MISCELLANEOUS			1			6			6-
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	17			104			207	207

BEGINNING CASH BALANCE		17			104			207	207

REVENUES		17	1	5	104	6	5	207	201

093093 - 2016 W&S SYSTEM PROJECT

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

4/02/18

6 MONTHS ENDING 03/31/18

	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							69578			69578-
OTHER INTEREST	3407										
REPURCHASE AGREEMENTS	3408										
TREASURY NOTES	3409										

INTEREST EARNINGS								69578			69578-

MISCELLANEOUS								69578			69578-
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		2,006,845				12,041,072			24082143	24082143

BEGINNING CASH BALANCE			2,006,845				12,041,072			24082143	24082143

REVENUES			2,006,845				12,041,072	69578		24082143	24012565

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	OBJ/SUB	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								
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	5			31			61	61
BEGINNING CASH BALANCE		5			31			61	61
REVENUES		5			31			61	61

095095 - 2001 BOND CONSTR REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
STATE GRANTS	250B								
STATE BOND FDS/EUREKA S	2501								
ARTS COMMISSION GRANT	2521								

STATE GRANTS									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405								
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								

INTEREST EARNINGS									
CONTRIBUTIONS-PUBLIC	3450								
CONTRIBUTIONS-FORREST	3455								

CONTRIBUTIONS-PUBLIC									
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-H'BURG. CONV.	3465								
CONTRIB-OTHER	3469								

CONTRIBUTIONS-PRIVATE									

MISCELLANEOUS									
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F GENERAL FUND	3800 01								

TRANSFERS FROM OTHER									

TRANSFERS									
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
ACCRUED INTEREST	3915								

SALE OF BONDS									
REFUND & RECOVERY	3965								

NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	14			87			174	174

BEGINNING CASH BALANCE		14			87			174	174

REVENUES		14			87			174	174

4/02/18

NON-REVENUE RECEIPTS

BEGINNING CASH BALANCE	399A							
APPROPRIABLE FUND BALAN	3999	187		1,124		2248	2248	
BEGINNING CASH BALANC		187		1,124		2248	2248	
REVENUES		187		1,124	2	2248	2246	

4/02/18

[illegible]

105105 - 2013 W&S BOND CONSTR REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
6 MONTHS ENDING 03/31/18

4/02/18

	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		194			967			967-
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
T/F 2012 W&S BOND CONS	3800 94								
INTEREST EARNINGS			194			967			967-
MISCELLANEOUS			194			967			967-
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	29,263			175,583			351166	351166
BEGINNING CASH BALANCE		29,263			175,583			351166	351166
REVENUES		29,263	194		175,583	967		351166	350199

107107 - SPEC.SALES TAX REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

4/02/18

6 MONTHS ENDING 03/31/18

	OBJ/SUB	ESTIMATED	CURRENT	ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200										
INTER-GOVERNMNTL REVENUE	230A										
STATE-SHARED REVENUE	260B										
SALES TAX-MOTEL	2605			29468				237268			237268-
SALES TAX-FOOD & BEVERA	2607			412837				2631816			2631816-
	-----	-----	-----	-----	----	-----	-----	-----	----	-----	-----
STATE-SHARED REVENUE				442305				2869084			2869084-
NON-REVENUE RECEIPTS	390A										
	-----	-----	-----	-----	----	-----	-----	-----	----	-----	-----
REVENUES				442305				2869084			2869084-

109109 - GROUP INS.TRUST REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

4/02/18

6 MONTHS ENDING 03/31/18

	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			42				241			241-
	-----	-----	-----	-----	----	-----	-----	-----	----	-----	-----
INTEREST EARNING				42				241			241-
	-----	-----	-----	-----	----	-----	-----	-----	----	-----	-----
MISCELLANEOUS				42				241			241-
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			410515				2411574			2411574-
HOSP.INS.-COBRA	3966 01			1833				13131			13131-
HOSP.INS.-UH PHARMACY D	3966 02			3246				3246			3246-
	-----	-----	-----	-----	----	-----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS				415594				2427951			2427951-
	-----	-----	-----	-----	----	-----	-----	-----	----	-----	-----
REVENUES				415635				2428192			2428192-



City of Hattiesburg, MS

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

Master

File Number: 2018-389

File ID: 2018-389

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 04/09/2018

Brief Title: Acknowledge receipt of annual Actuarial Valuation
report for municipal retirement systems

Final Action:

Minute Book Number: MB2018-108

Title:

Acknowledge receipt of the annual actuarial valuation report covering the participation of the City of Hattiesburg in the Mississippi Municipal Retirement Systems for the period ending June 30, 2017.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: VI.-3

Sponsors:

Enactment Date:

Attachments: PERS Actuarial Report 2017

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018					

Text of Legislative File 2018-389

Title

Acknowledge receipt of the annual actuarial valuation report covering the participation of the City of Hattiesburg in the Mississippi Municipal Retirement Systems for the period ending June 30, 2017.

Summary

Acknowledge receipt of Annual P&F D&R Report.

Budget Information

Expenditure Type

Purchasing Item

Publication Information



**REPORT ON THE ANNUAL VALUATION COVERING
THE PARTICIPATION OF THE CITY OF HATTIESBURG IN
THE MISSISSIPPI MUNICIPAL RETIREMENT SYSTEMS
PREPARED AS OF JUNE 30, 2017**



Cavanaugh Macdonald

CONSULTING, LLC

The experience and dedication you deserve

December 11, 2017

Board of Trustees
Mississippi Municipal Retirement Systems
429 Mississippi Street
Jackson, MS 39201-1005

Ladies and Gentlemen:

Presented in this report are the results of the annual actuarial valuation covering the participation of the City of Hattiesburg in the Mississippi Municipal Retirement Systems. The purpose of the valuation was to measure the System's funding progress and to determine the contribution rates necessary for the period beginning October 1, 2018. The results may not be applicable for other purposes.

The date of the valuation was June 30, 2017.

The valuation was based upon data, furnished by the Executive Director and the PERS staff, concerning active, inactive and retired members along with pertinent financial information. While not verifying data at the source, the actuary performed tests for consistency and reasonableness. The complete cooperation of the PERS staff in furnishing materials requested is hereby acknowledged with appreciation.

Your attention is directed particularly to the presentation of contribution rates on page 4 and the comments on page 5. Please note that with the adoption by the PERS Board in 2011 of a new funding policy which extended contributions beyond 2020 and generated an ultimate asset reserve level equal to projected benefit payments, we have calculated the contribution rates based on this new policy and the old funding policy. Ultimately, the municipality has the option of which contribution rate to set as their certified millage rate.

Since the previous valuation, assumed rates of mortality have been revised to reflect the results of the experience investigation for the four-year period ending June 30, 2016. These revised changes were adopted by the Board on April 25, 2017.

To the best of our knowledge, this report is complete and accurate. The valuation was performed by, and under the supervision of, independent actuaries who are members of the American Academy of Actuaries with experience in performing valuations for public retirement systems. The undersigned meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein.

The valuation was prepared in accordance with the principles of practice prescribed by the Actuarial Standards Board. We have reviewed the actuarial methods, including the asset valuation method, and continue to believe they are appropriate for the purpose of determining contribution rates.

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Phone (678) 388-1700 • Fax (678) 388-1730

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Board of Trustees
December 11, 2017
Page 2

Future actuarial results may differ significantly from the current results presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law. Since the potential impact of such factors is outside the scope of a normal annual actuarial valuation, an analysis of the range of results is not presented herein.

This actuarial valuation was performed to determine the adequacy of statutory contributions to fund the plan. The asset values used to determine unfunded liabilities and funded ratios are not market values but less volatile market related values. A smoothing technique is applied to market values to determine the market related values. The unfunded liability amounts and funded ratios using the market value of assets would be different. The interest rate used for determining liabilities is based on the expected return on assets. Therefore, liability amounts in this report cannot be used to assess a settlement of the obligation.

The actuarial calculations were performed by qualified actuaries according to generally accepted actuarial procedures and methods. The calculations are based on the current provisions of the System, and on actuarial assumptions that are, in the aggregate, internally consistent and reasonably based on the actual experience of the System. In addition, the valuations were completed in compliance with the laws governing the System. Those laws state, as a financing objective, that contributions will be in amounts sufficient to maintain actuarial soundness for the system for all future years.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read 'Edward A. Macdonald'.

Edward A. Macdonald, ASA, FCA, MAAA
President

A handwritten signature in cursive script, appearing to read 'Edward J. Koebel'.

Edward J. Koebel, EA, FCA, MAAA
Principal and Consulting Actuary

A handwritten signature in cursive script, appearing to read 'Jonathan T. Craven'.

Jonathan T. Craven, ASA, EA, FCA, MAAA
Senior Actuary

EAM/EJK/JTC:bdm



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**REPORT ON THE ANNUAL VALUATION OF THE
CITY OF HATTIESBURG PARTICIPATION IN THE
MISSISSIPPI MUNICIPAL RETIREMENT SYSTEMS
PREPARED AS OF JUNE 30, 2017**

SECTION I – SUMMARY OF PRINCIPAL RESULTS

1. This report, prepared as of June 30, 2017, presents the results of the annual actuarial valuation of the City of Hattiesburg. For convenience of reference, the principal results of the valuation and a comparison with the preceding year's results are summarized below. The current valuation reflects benefit increases granted to retirees and amendments to the System, if any, effective through July 1, 2017.

SUMMARY OF PRINCIPAL RESULTS

VALUATION DATE	June 30, 2017	June 30, 2016
Active members included in valuation		
Number	1	1
Annual compensation	\$ 53,825	\$ 51,215
Retirees		
Number	147	147
Annual allowances	\$ 3,401,402	\$ 3,379,955
Assets		
Market related actuarial value	\$ 21,253,428	\$ 21,287,665
Market value	\$ 21,374,106	\$ 20,681,674
Unfunded employer liability	\$ 14,968,783	\$ 15,232,783
Value of Assessed Property	\$ 437,346,637	\$ 432,115,121

2. Actuarial present values for the City are shown in Section III.
3. Rate of contribution payable by the employer is given in Section IV, and comments on the valuation year are given in Section V.



4. The current funding policy was adopted by the Board in February, 2011. In this funding policy, contributions are extended past 2020 and an employer contribution rate, expressed as a millage rate tax applied to assessed property values, is established that will generate an ultimate asset reserve level equal to a reasonable percentage (initially 100% - 150%) of the next year's projected benefit payment. At that point, employer contributions are set equal to the fiscal year's projected benefit payments (basically on a pay as you go basis) and adjusted as necessary to maintain the assets at the established reserve level. This calculation is performed using projected cash flow analysis using the current market value of assets as of the valuation date, a 6.50% assumption on investment earnings and an assumption that assessed property values will remain level over time. Schedule F of this report shows the projected cash flow for the City, including the certified millage rates, based on the funding policy.
5. Although the development of the certified millage rates assume a 6.50% investment rate on cash flow, the development of liabilities and funding progress assume the Board-adopted investment return rate of 7.75%. Since the trust fund assets are commingled with the PERS trust fund assets, it has the same investment portfolio as the PERS System.
6. There were no changes to benefit provisions since the last valuation.
7. Since the previous valuation, assumed rates of mortality have been revised to reflect the results of the experience investigation for the four-year period ending June 30, 2016 and adopted by the Board on April 25, 2017. There were no other changes in actuarial assumptions since the last valuation.
8. Schedule A details the actuarial assumptions and methods employed. Schedule B gives a summary of the benefit and contribution provisions of the plan.



SECTION II – MEMBERSHIP DATA

Data regarding the membership of the City of Hattiesburg for use as a basis for the valuation were furnished by the PERS office. The following tables summarize the membership of the system as of June 30, 2017 upon which the valuation was based. Detailed tabulations of the data are given in Schedule C.

Active Members

Number	Payroll	Salary	Group Averages	
			Age*	Service*
1	\$53,825	\$53,825	66.7	39.3

Retired Lives

Type of Benefit Payment	Number	Annual Benefits	Group Averages	
			Benefit	Age*
Retirement	103	\$2,695,472	\$26,170	67.1
Disability	6	78,455	13,076	65.6
Survivor	38	627,475	16,513	72.8
Total	147	\$3,401,402	\$23,139	68.5

* Years



SECTION III – ACTUARIAL PRESENT VALUES

The following exhibit shows the assets and liabilities of the City's retirement system as of the valuation date of June 30, 2017. The items shown in the exhibit are present values actuarially determined as of the valuation date.

MISSISSIPPI MUNICIPAL RETIREMENT SYSTEMS CITY OF HATTIESBURG ACTUARIAL PRESENT VALUES AS OF JUNE 30, 2017

Active Members	Retired Members	Total	Portion Covered by Future Active Member Contributions	Total Employer Liability	Assets Used in Valuation	Unfunded Employer Liability
\$451,678	\$35,770,533	\$36,222,211	\$ 0	\$36,222,211	\$21,253,428	\$14,968,783

SECTION IV – COMPUTED EMPLOYER CONTRIBUTION RATE

Mississippi Municipal Retirement Systems City of Hattiesburg Computed Employer Contribution Rates¹ June 30, 2017

Members Contributions ²	Certified Rate for Fiscal Year Ending 9/30/2018	Current Millage Rate Fiscal Year Ending 9/30/2018	<u>Computed Rates for 2018-2019 Fiscal Year</u>			Value of Assessed Property ⁵
			Pre-2011 Funding Policy Rate ³	Post-2011 Funding Policy Rate ⁴	Certified Rate for Fiscal Year Ending 9/30/2019	
10.00%	3.33	3.33	17.97	3.08	3.08	\$437,346,637

¹ Millage rates applied to assessed property

² % of Active Member Payroll

³ 3 Year level % amortization

⁴ Calculated using cash flow projections and 6.50% investment return assumption

⁵ This is the value of taxable property adjusted to reflect all property-related contributions

The System is funded through taxes levied on assessed properties.



SECTION V – COMMENTS ON VALUATION

1. Based on the Board funding policy, the millage rate established by the City must be set at a level that will ensure actuarial soundness of the System. As can be seen from the table on the previous page, the current millage rate for the fiscal year ending September 30, 2018 is greater than the certified rate for the fiscal year ending September 30, 2019 under the post-2011 funding policy. Therefore, if desired, the City can decrease their current millage rate to the certified millage rate for the fiscal year ending September 30, 2019.

SECTION VI – SUPPLEMENTAL DISCLOSURE INFORMATION

City of Hattiesburg

1. Governmental Accounting Standards Board (GASB) Statements No. 67 and 68 replaced Statement No. 25 and 27 for plan years beginning after June 15, 2013. The information required under the new GASB Statements will be issued in separate reports. The following supplemental disclosure information is provided for informational purposes only. One such item is a distribution of the number of employees by type of membership, as follows:

NUMBER OF ACTIVE AND RETIRED PARTICIPANTS AS OF JUNE 30, 2017

GROUP	NUMBER
Retired participants and beneficiaries currently receiving benefits	147
Terminated participants and beneficiaries entitled to benefits but not year receiving benefits	0
Active Participants	1
Inactive Participants	0
Total	148



2. The actuarial accrued liability is as follows:

Actuarial Accrued Liability

Actives	Retirees	Vested Terminated Members	Total Actuarial Accrued Liability	Actuarial Value of Assets	Unfunded Actuarial Accrued Liability
\$451,678	\$35,770,533	\$ 0	\$36,222,211	\$21,253,428	\$14,968,783

During the year ended June 30, 2017, the System experienced a net change of \$(298,237) in the actuarial accrued liability.

3. Another such item is the schedule of funding progress as shown below.

SCHEDULE OF FUNDING PROGRESS
(\$ Thousands)

Numbers shown above reflect all changes in benefit provisions, actuarial assumptions, and/or actuarial methods.

Plan Year Ended	(1) Actuarial Value of Assets	(2) Actuarial Accrued Liability (AAL) Entry Age	(3) Percent Funded (1)/(2)	(4) Unfunded AAL (2) – (1)	(5) Annual Covered Payroll	(6) Unfunded AAL as a Percentage of Covered Payroll (4)/(5)
09/30/08	\$25,543	\$37,347	68.4%	\$11,804	\$289	4,084.4%
09/30/09	24,340	39,166	62.1	14,826	308	4,813.6
09/30/10	22,892	38,779	59.0	15,887	260	6,110.4
09/30/11	21,940	38,274	57.3	16,334	210	7,778.1
09/30/12	20,487	37,820	54.2	17,333	156	11,110.9
06/30/13	19,968	37,105	53.8	17,137	94	18,172.8
06/30/14	20,826	36,598	56.9	15,772	95	16,602.1
06/30/15	21,715	37,102	58.5	15,387	98	15,701.0
06/30/16	21,288	36,520	58.3	15,232	51	29,866.7
06/30/17	21,253	36,222	58.7	14,969	54	27,720.4



4. The annual required contribution (ARC) of the employer as a dollar amount, determined in accordance with the parameters of GASB 25/27, is shown below.

**2017/2018 FISCAL YEAR
ANNUAL REQUIRED CONTRIBUTION (ARC)
BASED ON THE VALUATION AS OF JUNE 30, 2017**

ANNUAL REQUIRED CONTRIBUTION (ARC)	
Normal	\$ 0
Accrued Liability	<u>1,586,000</u>
Total	\$ 1,586,000

5. Additional information as of June 30, 2017 follows.

Valuation date	6/30/2017
Actuarial cost method	Entry age
Amortization method	Level dollar closed
Remaining amortization period	17 years
Asset valuation method	5-year smoothed market
Actuarial assumptions:	
Investment rate of return*	7.75%
Projected salary increases#	4.00% - 5.50%
*Includes price inflation at	3.00%
#Includes wage inflation at	3.75%
Cost of living adjustments	2.50% per year, not to exceed 30%.



SCHEDULE OF EMPLOYER CONTRIBUTION

Fiscal Year 10/1-9/30	Valuation Date	Annual Required Contribution	Percentage Contributed
2008-09	9/30/2008	\$1,115,275	141.1%
2009-10	9/30/2009	1,411,127	124.7
2010-11	9/30/2010	1,519,076	116.9
2011-12	9/30/2011	1,579,521	121.8
2012-13	9/30/2012	1,695,623	88.6
2013-14	6/30/2013	1,695,790	95.9
2014-15	6/30/2014	1,593,250	102.1
2015-16	6/30/2015	1,562,148	84.9
2016-17	6/30/2016	1,569,815	N/A
2017-18	6/30/2017	1,586,000	N/A



SCHEDULE A

STATEMENT OF ACTUARIAL ASSUMPTIONS AND METHODS

INTEREST RATE: 7.75% per annum, compounded annually (net after investment expenses) for prior funding policy rate determination and GASB disclosure.

6.50% per annum, compounded annually (net after investment expenses) for current funding policy rate determination.

PRICE INFLATION: 3.00% per annum, compounded annually.

SEPARATIONS FROM ACTIVE SERVICE: Representative values of the assumed annual rates of separation from active service are as follows:

Age	Withdrawal	Death		Disability	
		Non-Duty	Duty	Non-Duty	Duty
20	10.65%	.04%	.02%	.08%	.06%
25	8.64	.05	.03	.12	.12
30	6.87	.08	.04	.18	.26
35	4.86	.11	.05	.24	.52
40	2.97	.15	.07	.36	.60
45	1.44	.22	.09	.64	.54
50	0.24	.34	.14	1.10	.88
55		.44	.20	1.58	1.18
60		.51	.32	2.20	1.30
64		.57	.42	2.86	1.38

Service Retirement	
Years of Service	Percent
20	45.0%
21 – 28	17.5
29 – 33	35.0
34 and over	20.0
Age 65	100.0



SALARY INCREASES: 3.25% for wage inflation plus the following chart.

Ages	Merit and Seniority Salary Increase
Under 43	1.50%
43 – 47	1.00
48 – 52	0.50
53 and Over	0.00

DEATH AFTER RETIREMENT: The mortality table, for post-retirement mortality, used in evaluating allowances to be paid was the RP-2014 Healthy Annuitant Blue Collar Mortality Table projected with Scale BB to 2022 with male rates set forward one year and adjusted by 106% for males at all ages and as follows for females: 90% for ages less the 76, 95% for age 76, 105% for age 78, and 1.10% for ages 79 and greater. The RP-2014 Disabled Retiree Mortality Table set forward 4 years for males and 3 years for females was used for the period after disability retirement. This assumption is used to measure the probabilities of each benefit payment being made after retirement. Mortality improvement is anticipated under this assumption as recent mortality experience shows actual deaths 11.2% greater than expected under the selected table for non-disability mortality and 10.5% greater than expected under the selected table for disability mortality.

MARRIAGE ASSUMPTION: 85% married with the husband three years older than this wife.

VALUATION METHOD: Unfunded employer liabilities are amortized over a closed 30 year period from September 30, 1990 as a level percent of the municipality's assessed property valuation.

ASSESSED PROPERTY VALUE RATE OF INCREASE: 2.0% per annum, compounded annually used in determining the millage rate under the prior funding policy.

EXPENSE LOAD: 2.0% of employer contributions.



ASSET VALUATION METHOD: The actuarial value of assets recognizes a portion of the difference between the market value of assets and the expected actuarial value of assets, based on the assumed valuation rate of return. The amount recognized each year is 20% of the difference between market value and expected actuarial value. Actuarial value of assets was set equal to the market value on September 30, 2006, and smoothing commenced in 2007. Actuarial assets were allocated to individual cities in the same proportion that their market value of assets was to the total market value of assets for all cities.



SCHEDULE B

MISSISSIPPI MUNICIPAL RETIREMENT SYSTEMS

CITY OF HATTIESBURG

SUMMARY OF BENEFIT PROVISIONS EVALUATED

JUNE 30, 2017

The following summary presents the main provisions of the System in effect June 30, 2017, as interpreted in preparing the actuarial valuation. As used in the summary, "average compensation" means the average compensation of a member during the six month period prior to receipt of an allowance.

BENEFITS

Service Retirement

Condition for Retirement

A retirement allowance is payable to any member who retires and has completed at least 20 years of creditable service, regardless of age.

Any general employee member who has attained age 70 and any fireman or policeman who has attained age 65 shall be retired forthwith.

Amount of Allowance

The annual retirement allowance payable to a retired member is equal to:

1. 50% of average compensation, plus
2. 1.7% of average compensation for each year of credited service over 20.

The aggregate amount of (1) and (2) above shall not exceed 66-2/3% of average compensation regardless of service.

Disability Retirement

Condition for Retirement

A retirement allowance is payable to any member who is not eligible for a service retirement benefit but who becomes totally and permanently disabled, either physically or mentally, regardless of creditable service, if the disability is due to causes in the performance of duty. If the disability is not in the performance of duty, the member must have completed at least 5 years of creditable service to be eligible for retirement.



Amount of Allowance

The annual disability retirement allowance payable is equal to 50% of his salary at the time of retirement, if the disability is due to causes in the performance of duty.

If the disability is not in the performance of duty, the allowance is equal to 2.5% times credited service, not in excess of 20, times his salary at the time of retirement for firemen and policemen, and average compensation for general employees.

Death Benefit

Condition for Benefits

A benefit is payable upon the death of a member under the following conditions.

- (a) the member has retired,
- (b) the member is eligible to retire,
- (c) the death is in the line of duty, or
- (d) the death is not in the line of duty, but occurs after the member has 5 years of credited service.

The benefit is payable to the surviving spouse and to children under age 18, to dependent children through age 23 when full time students, and to dependent children of any age if handicapped.

Amounts of Benefits

The annual benefit payable under all conditions in the case of firemen and policemen and under other than condition (c) in the case of general employees, is equal to 2.5% of average compensation for each year of credited service up to 20 and 1.7% of average compensation for each year over 20, with a maximum benefit of 66-2/3% of average compensation.

For general employee members under condition (c), the annual benefit payable is equal to 50% of salary at the time of death.

Refund of Contributions

Upon a member's termination of employment for any reason before retirement, his accumulated contributions are refunded. Upon the death of a member who is not eligible for any other death benefit, his accumulated contributions, together with regular interest thereon, are paid to his beneficiary.

Minimum Allowances

The minimum monthly allowance paid to members, for all retirement and death benefits, is \$750.



**Post Retirement Adjustments
In Allowances**

The allowances of all retirees and beneficiaries are adjusted annually by a cost-of-living adjustment (COLA) of 2.5% per year (not to exceed 30%). This adjustment has been included in System liabilities.



SCHEDULE C

DETAILED TABULATIONS OF THE DATA
Mississippi Municipal Retirement System
City of Hattiesburg
Retirants & Beneficiaries as of June 30, 2017
Tabulated by Year of Retirement

Year of Retirement	No.	Annual Benefits excluding COLA	COLA	Total Annual Benefits	Average Monthly Benefit
2017	0	\$ 0	\$ 0	\$ 0	\$ 0
2016	1	32,760	0	32,760	2,730
2015	0	0	0	0	0
2014	0	0	0	0	0
2013	1	41,880	3,141	45,021	3,752
2012	1	36,362	3,636	39,998	3,333
2011	0	0	0	0	0
2010	2	61,491	8,557	70,048	2,919
2009	0	0	0	0	0
2008	2	43,255	8,651	51,906	2,163
2007	4	121,012	25,736	146,748	3,057
2006	4	86,982	21,520	108,502	2,260
2005	6	124,403	32,245	156,648	2,176
2004	11	231,473	67,873	299,346	2,268
2003	6	126,520	37,956	164,476	2,284
2002	9	186,776	56,033	242,809	2,248
2001	3	85,125	25,537	110,662	3,074
2000	14	293,936	88,182	382,118	2,275
1999	2	32,744	9,823	42,567	1,774
1998	3	66,371	19,912	86,283	2,397
1997	6	144,708	43,411	188,119	2,613
1996	1	15,997	4,799	20,796	1,733
1995	4	70,928	21,279	92,207	1,921
1994	10	136,665	41,000	177,665	1,481
1993	6	106,137	31,842	137,979	1,916
1992	11	181,791	54,538	236,329	1,790
1991	3	48,590	14,577	63,167	1,755
1990	2	28,572	8,572	37,144	1,548
1989	1	11,323	3,397	14,720	1,227
1988	4	48,699	14,610	63,309	1,319
1987	6	56,740	17,023	73,763	1,024
1986	2	19,238	5,771	25,009	1,042
1985	5	71,018	21,306	92,324	1,539
1984	4	36,061	10,818	46,879	977
1983 & Prior	13	117,000	35,100	152,100	975
Totals	147	\$ 2,664,557	\$ 736,845	\$ 3,401,402	\$ 1,928



Mississippi Municipal Retirement System

City of Hattiesburg

Total Benefits Payable June 30, 2017

Tabulated by Attained Ages of Benefit Recipients

Attained Age	Service Benefits		Disability Benefits		Survivor and Beneficiaries		Totals	
	No.	Annual Benefits	No.	Annual Benefits	No.	Annual Benefits	No.	Annual Benefits
Under 20								
20-24					1	\$18,170	1	\$18,170
25-29								
30-34								
35-39								
40-44								
45-49								
50-54	3	\$83,865					3	83,865
55-59	19	549,553			1	11,700	20	561,253
60-64	21	598,681	1	\$11,700	3	76,715	25	687,096
65-69	21	591,510	4	53,851	6	117,082	31	762,443
70-74	22	499,682	1	12,904	6	79,114	29	591,700
75-79	10	245,000			12	214,508	22	459,508
80-84	5	89,179			7	86,786	12	175,965
85-89	2	38,002			2	23,400	4	61,402
90-94								
95								
96								
97								
98								
99								
100 & Over								
Total	103	\$2,695,472	6	\$78,455	38	\$627,475	147	\$3,401,402

Average age: 68.5 years

Average age at retirement: 47.1 years



Mississippi Municipal Retirement System
City of Hattiesburg
Total Active Member Data as June 30, 2017
Tabulated By Attained Age and Years of Service

Attained Age	Years of Service to Valuation Date							Totals	
	0-4	5-9	10-14	15-19	20-24	25-29	30 Plus	No.	Valuation Payroll
Under 20									
20-24									
25-29									
30-34									
35-39									
40-44									
45-49									
50-54									
55-59									
60 & Over							1	1	\$53,825
Totals							1	1	\$53,825

While not used in the financial computations, the following group averages are computed and shown because of their general interest.

Age: 66.7 years.

Service: 39.3 years.

Annual Pay: \$53,825.



SCHEDULE D

GLOSSARY

Actuarial Accrued Liability. The difference between (i) the actuarial present value of future plan benefits, and (ii) the actuarial present value of future normal cost. Sometimes referred to as "accrued liability" or "past service liability".

Accrued Service. The service credited under the plan which was rendered before the date of the actuarial valuation.

Actuarial Assumptions. Estimates of future plan experience with respect to rates of mortality, disability, turnover, retirement, rate or rates of investment income and salary increases. Decrement assumptions (rates of mortality, disability, turnover and retirement) are generally based on past experience, often modified for projected changes in conditions. Economic assumptions (salary increases and investment income) consist of an underlying rate in an inflation-free environment plus a provision for a long-term average rate of inflation.

Actuarial Cost Method. A mathematical budgeting procedure for allocating the dollar amount of the "actuarial present value of future plan benefits" between the actuarial present value of future normal cost and the actuarial accrued liability. Sometimes referred to as the "actuarial funding method".

Actuarial Equivalent. A series of payments is called an actuarial equivalent of another series of payments if the two series have the same actuarial present value.

Actuarial Present Value. The amount of funds presently required to provide a payment or series of payments in the future. It is determined by discounting the future payments at a predetermined rate of interest, taking into account the probability of payment.

Amortization. Paying off an interest-bearing liability by means of periodic payments of interest and principal, as opposed to paying it off with a lump sum payment.

Experience Gain (Loss). A measure of the difference between actual experience and that expected based upon a set of actuarial assumptions during the period between two actuarial valuation dates, in accordance with the actuarial cost method being used.

Normal Cost. The annual cost assigned, under the actuarial funding method, to current and subsequent plan years. Sometimes referred to as "current service cost". Any payment toward the unfunded actuarial accrued liability is not part of the normal cost.

Reserve Account. An account used to indicate that funds have been set aside for a specific purpose and are not generally available for other uses.

Unfunded Actuarial Accrued Liability. The difference between the actuarial accrued liability and valuation assets. Sometimes referred to as "unfunded accrued liability".

Valuation Assets. The value of current plan assets recognized for valuation purposes. Generally based on a market-related smoothing method.



SCHEDULE E

THE NATURE OF ACTUARIAL PROJECTIONS

Regular actuarial valuations measure the Retirement System's present financial position and contributions adequacy by calculating and financing the liabilities created by the present benefit program. This process involves discounting to present values the future benefit payments on behalf of present active and retired members and their survivors. However, valuations do not produce information regarding future changes in the makeup of the covered group or the amounts of benefits to be paid or investment income to be received – actuarial projections do.

Whereas valuations provide a snapshot of the retirement system as of a given date, projections provide a moving picture. Projected active and retired groups are developed from year to year by the application of assumptions regarding pre-retirement withdrawal from service, retirements, deaths and disabilities. Projected information regarding the retired life group leads to assumed future benefit payout. Combining future benefit payments with assumed contributions and expected investment earnings produces the net cash flow of the System each year, and thus end of year asset levels.

Projections are used for many purposes. Among them are (i) developing cash flow patterns for investment policy and asset mix consideration, (ii) exploring the effect of alternative assumptions about future experience, (iii) analyzing the impact on system funding progress of changes in the workforce, and (iv) examining the potential effect of changes in benefits on system financial activity.

Projection results are useful in demonstrating changing relationships among key elements affecting system financial activity. For example: how benefits payable and system assets will grow in future decades. Projections are not predictions of specific future events and do not provide numeric precision in absolute terms. For instance, cash flow projected to occur 10 years in the future will not be exact (except by coincidence), but understanding the changed relationships between future benefits payout and future investment income can be very useful.



SCHEDULE F

CASH FLOW PROJECTIONS BASED ON FUNDING POLICY



Mississippi Municipal Retirement Systems
City of Hattiesburg

Cash Flow Projection (Based on Post-2011 Funding Policy)
No Assumed Growth in Assessed Property, Certified Millage Rates, Assume 6.5% on Investments

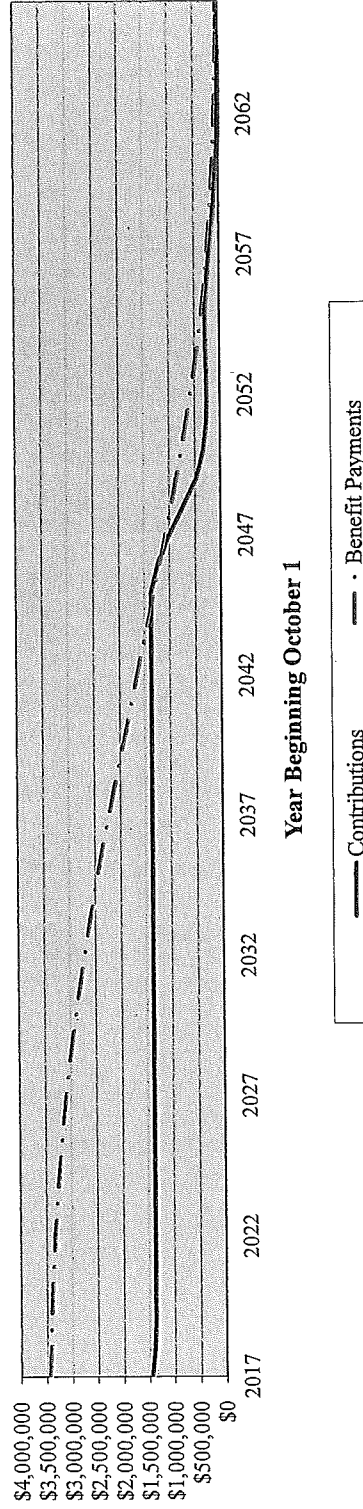
Year Beginning July 1	Value of Assessed Property	MVA Balance July 1	Millage Rate	Contributions	Benefit Payments	Investment Income	Cash Flow	MVA Balance June 30	Year Ending June 30
2017	\$437,346,637	\$21,374,106	0.00308	\$1,428,243	\$3,427,450	\$1,325,365	(\$673,842)	\$20,700,264	2018
2018	437,346,637	20,700,264	0.00308	1,374,362	3,402,545	1,280,639	(747,544)	19,952,720	2019
2019	437,346,637	19,952,720	0.00308	1,347,028	3,389,897	1,231,579	(811,290)	19,141,430	2020
2020	437,346,637	19,141,430	0.00308	1,347,028	3,369,816	1,179,487	(843,301)	18,298,129	2021
2021	437,346,637	18,298,129	0.00308	1,347,028	3,344,210	1,125,492	(871,690)	17,426,439	2022
2022	437,346,637	17,426,439	0.00308	1,347,028	3,312,018	1,069,862	(895,128)	16,531,311	2023
2023	437,346,637	16,531,311	0.00308	1,347,028	3,275,618	1,012,843	(915,747)	15,615,564	2024
2024	437,346,637	15,615,564	0.00308	1,347,028	3,233,948	954,652	(932,268)	14,683,296	2025
2025	437,346,637	14,683,296	0.00308	1,347,028	3,186,992	895,557	(944,407)	13,738,889	2026
2026	437,346,637	13,738,889	0.00308	1,347,028	3,134,445	835,851	(951,566)	12,787,323	2027
2031	437,346,637	9,020,897	0.00308	1,347,028	2,787,627	540,276	(900,323)	8,120,574	2032
2036	437,346,637	4,890,998	0.00308	1,347,028	2,312,391	287,034	(678,329)	4,212,669	2037
2041	437,346,637	2,233,826	0.00308	1,347,028	1,754,672	132,159	(275,485)	1,958,340	2042
2046	437,346,637	1,941,788	0.00269	1,210,067	1,178,253	127,234	159,048	2,100,836	2047
2051	437,346,637	1,446,916	0.00151	256,875	660,756	81,130	(322,751)	1,124,165	2052
2056	437,346,637	502,669	0.00067	238,962	292,186	30,971	(22,253)	480,416	2057
2061	437,346,637	315,869	0.00324	12,411	104,887	17,573	(74,903)	240,966	2062
2066	437,346,637	44,158	0.00009	29,380	38,534	2,577	(6,577)	37,581	2067



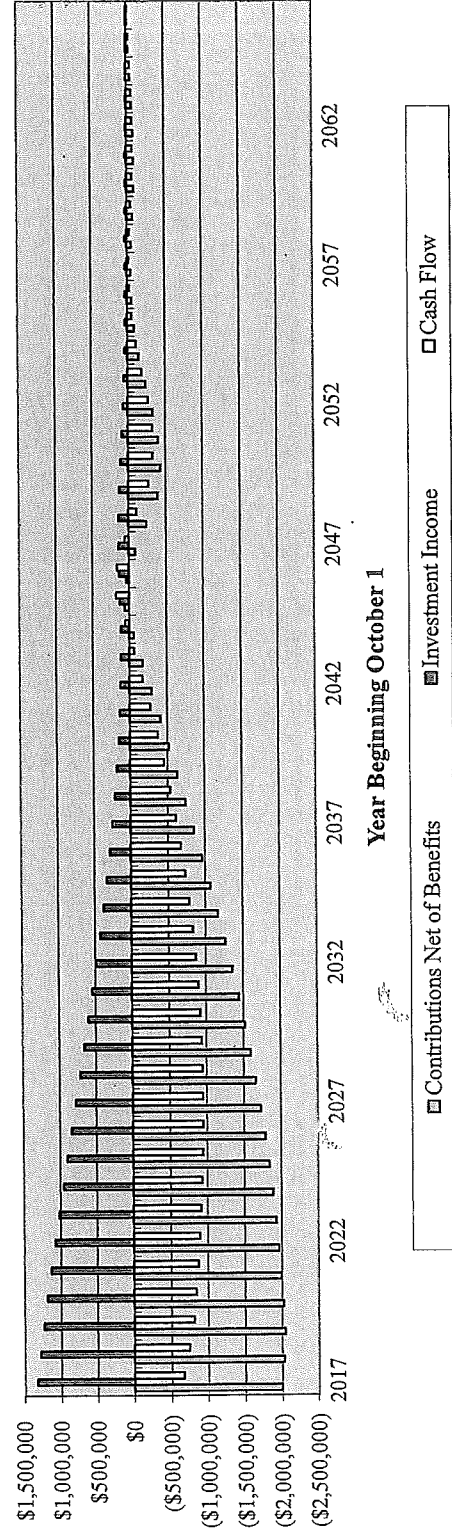
Mississippi Municipal Retirement Systems
City of Hattiesburg

50 Year Cash Flow Projection
Based on Valuation Assumptions

Projected Contributions and Benefits



Net Change in Asset Values



Mississippi Municipal Retirement System

City of Hattiesburg

June 30, 2017 Actuarial Valuation

EXECUTIVE SUMMARY



EXECUTIVE SUMMARY

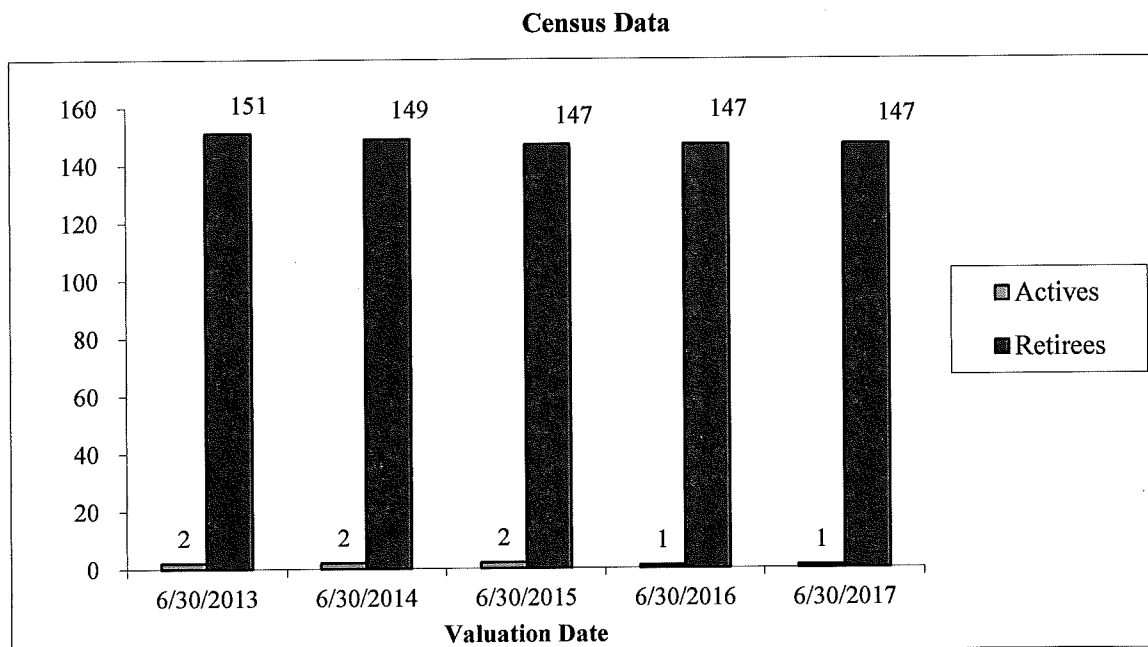
This summary outlines the main findings of the June 30, 2017 actuarial valuation of the Mississippi Municipal Retirement System (MRS) for the City of Hattiesburg.

A new funding policy was adopted by the Board in February, 2011. In this new funding policy, contributions are extended past 2020 and an employer contribution rate, expressed as a millage rate tax applied to assessed property values, is established beginning in the 2011-2012 fiscal year that will generate an ultimate asset reserve level equal to a reasonable percentage (initially 100% - 150%) of the next year's projected benefit payment. At that point, employer contributions will be set equal to the fiscal year's projected benefit payments and adjusted as necessary to maintain the assets at the established reserve level.

Since the previous valuation, the assumed rates of mortality have been revised to reflect the results of the experience investigation for the four-year period ending June 30, 2016 and adopted by the Board on April 25, 2017.

Membership

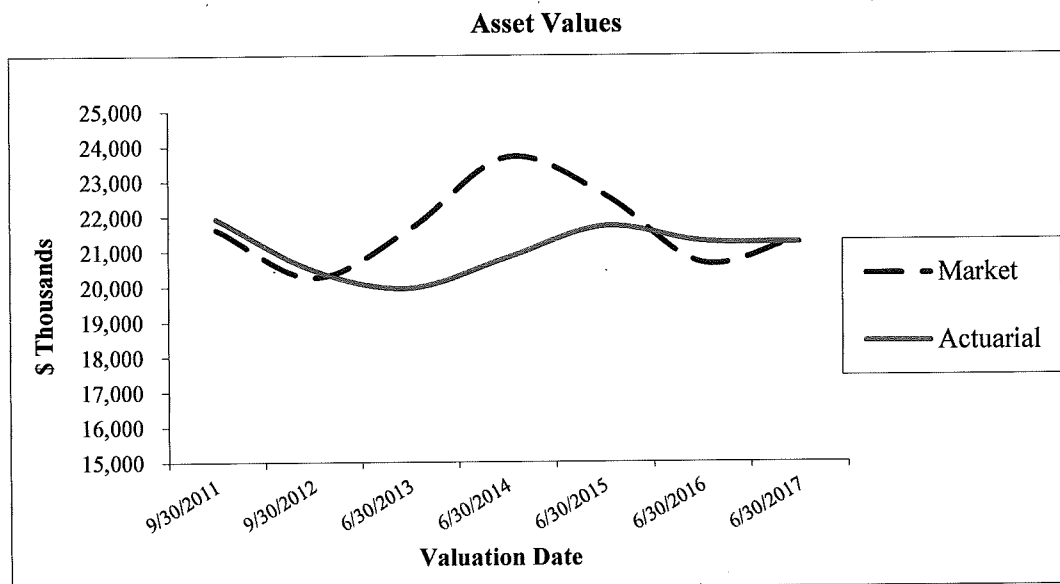
The graph below shows the City's membership over the last five years. As this is a closed Plan, the number of actives and retirees is experiencing a steady decrease from year to year.





Current Assets

The assets for the Plan amounted to \$21,253,428 as of June 30, 2017 on a market-related basis that recognizes 20% of the unrecognized and unanticipated gains and losses. This represented a decrease in value of \$34,237 from the previous year, with an actuarial value investment return of 9.77% (which may be compared to the assumed investment return of 7.75%). The market value of assets was \$21,374,106.



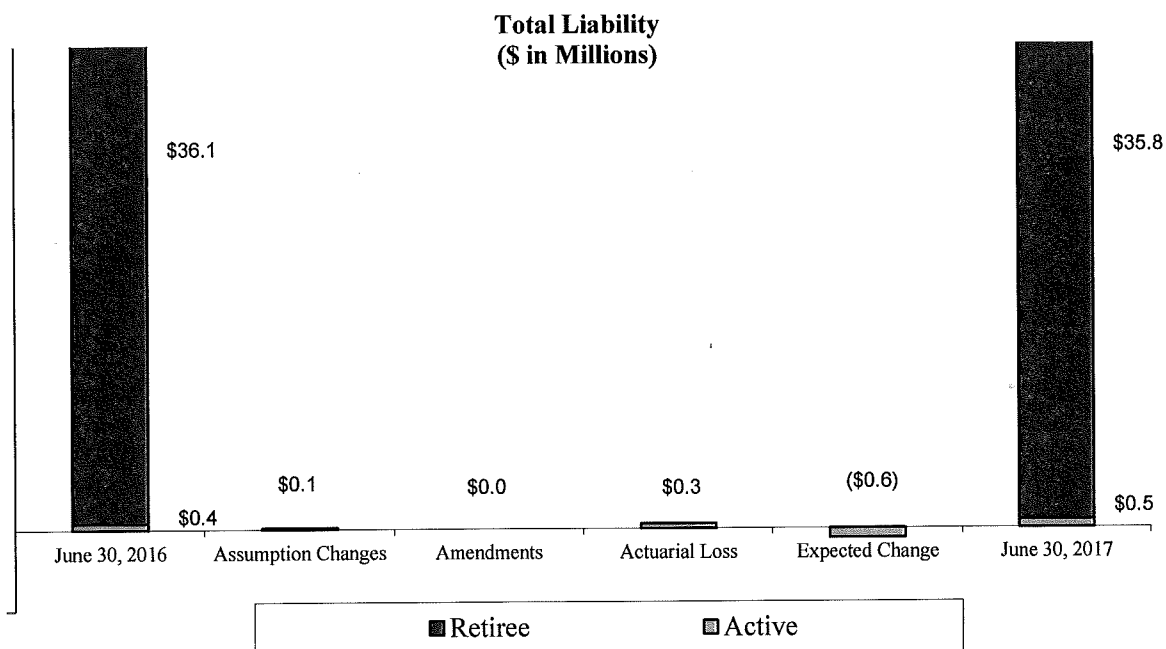
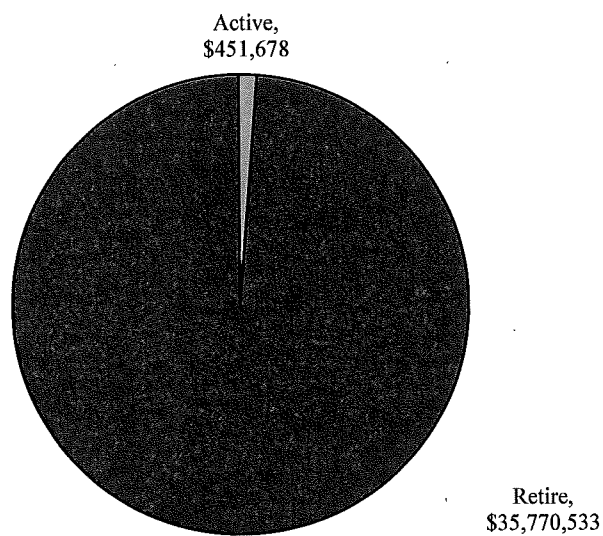
Schedule F in the valuation report includes a 50-year cash flow projection for the Plan including the estimated contributions, benefit payments and investment income over this period. Please review this projection closely as it was completed according to the new funding policy and provides an estimate of the Plan's asset values over the 50-year period.



Current Liability

The total liability of the Plan as of June 30, 2017 was \$36,222,211. This liability may be divided into the following categories:

Value of Future Benefits to be Provided



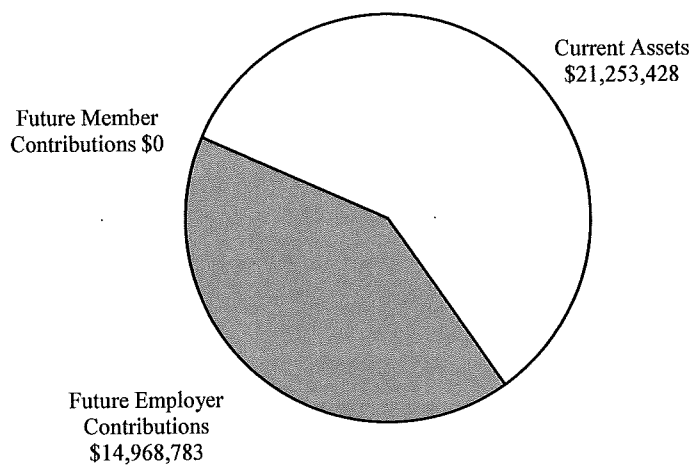


MRS financing

The \$36,222,211 liability of the Plan as of June 30, 2017 will be met by funds from various sources: current assets, future member contributions and future employer contributions.

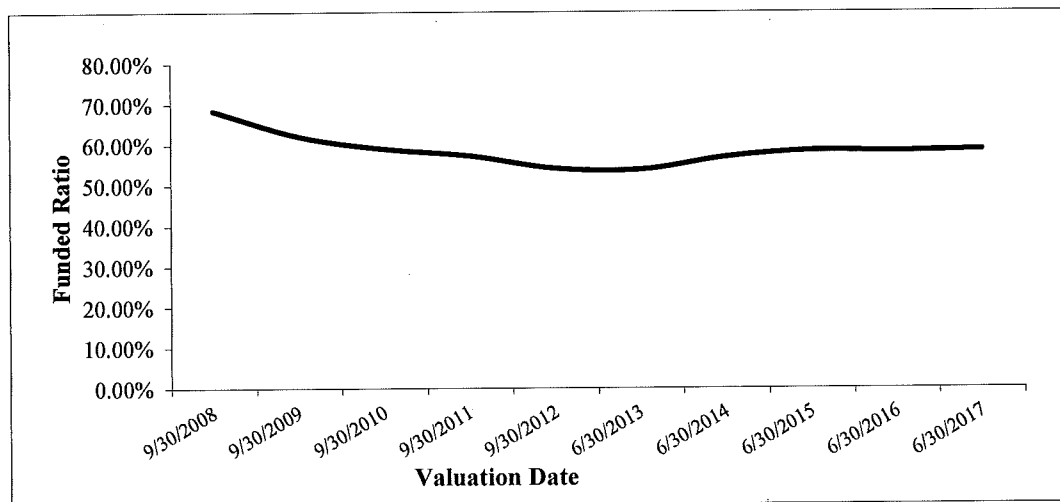
The breakdown is as follows:

Financing \$36,222,211 of Retirement Benefit Promises



The Plan is currently 58.7% funded in the accrued benefits of the Plan. Below is a 10-year history of the funding progress:

Funded Ratio

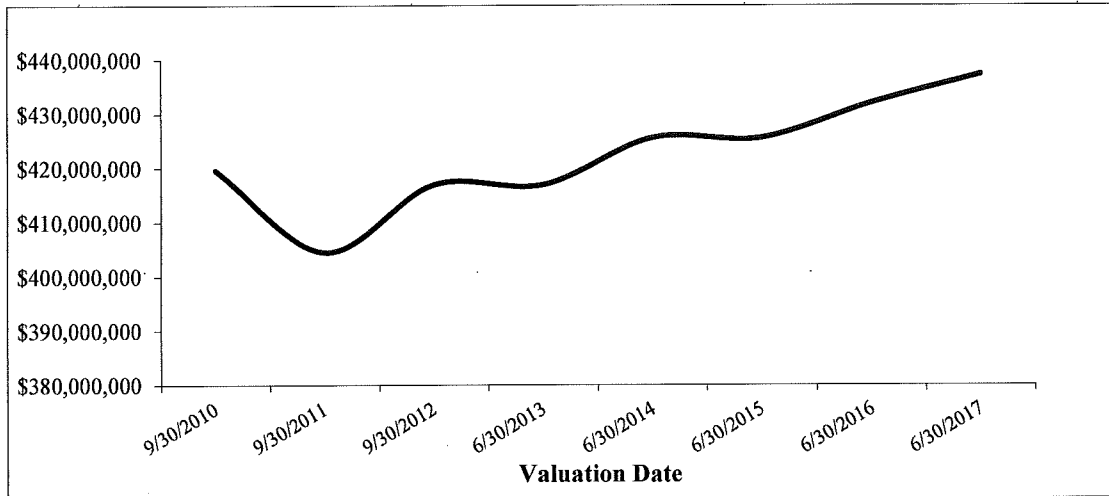




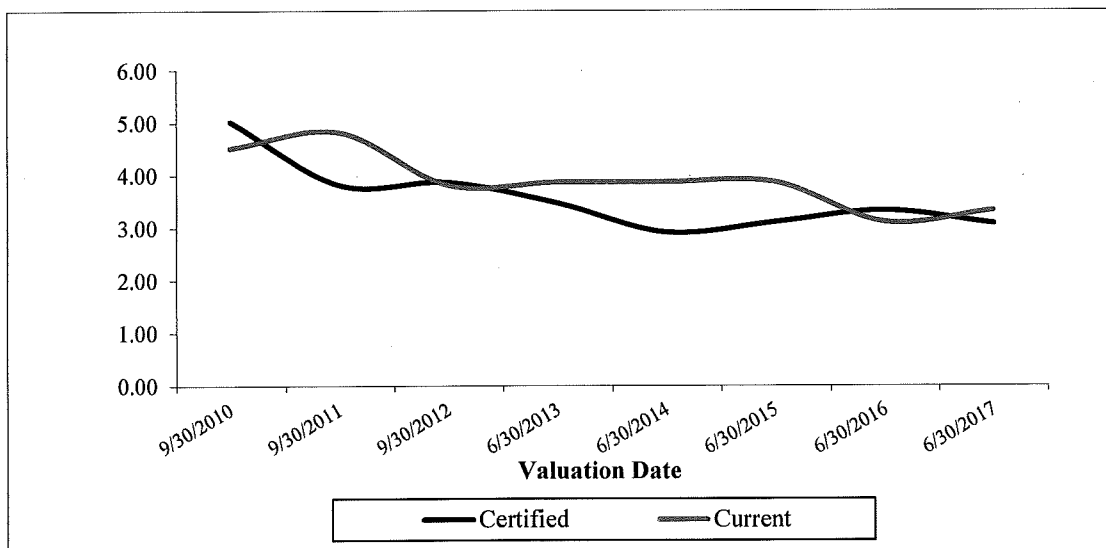
Contribution Rates

Contributions of the City to the Plan are based on the value of taxable property adjusted to reflect all property-related contributions, and the millage rates applied to the assessed property. Due to the new funding policy, contributions to the Plan will continue past 2020. Below is a history of the assessed property values and millage rates:

Assessed Property Values



Computed Millage Rates





MISSISSIPPI MUNICIPAL RETIREMENT SYSTEM
CITY OF HATTIESBURG

ACTUARIAL VALUATION
AS OF JUNE 30, 2017

SUMMARY OF PRINCIPAL RESULTS

	<u>June 30, 2017</u>	<u>June 30, 2016</u>	<u>Change</u>
1. PARTICIPANT DATA			
Number of:			
Active Members	1	1	0.00%
<u>Retired Members and Beneficiaries</u>	<u>147</u>	<u>147</u>	0.00%
Total Participants	148	148	0.00%
Annual Salaries of Active Members	\$ 53,825	\$ 51,215	5.10%
Annual Benefits Paid to			
Retired Members and Beneficiaries	\$ 3,401,402	\$ 3,379,955	0.63%
2. ASSETS AND LIABILITIES			
Total Liability	\$ 36,222,211	\$ 36,520,448	-0.82%
Future Member Contributions	<u>0</u>	<u>0</u>	0.00%
Total Employer Liability	\$ 36,222,211	\$ 36,520,448	-0.82%
Assets for Valuation Purposes	<u>21,253,428</u>	<u>21,287,665</u>	-0.16%
Unfunded Employer Liability	\$ 14,968,783	\$ 15,232,783	-1.73%



City of Hattiesburg, MS

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

Master

File Number: 2018-391

File ID: 2018-391

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 04/09/2018

Brief Title: Acknowledge receipt of quotes for lease-purchase financing for a Ferrara Custom Pumper Fire Truck, accept the quote of Trustmark Bank, and authorize execution of necessary documents.

Final Action:

Minute Book Number: MB2018-108

Title: Acknowledge receipt of interest rate quotes to provide lease-purchase financing for a Ferrara Custom Pumper Fire Truck for the City of Hattiesburg and accept the quote of Trustmark Bank; authorize Mayor to execute necessary lease-purchase financing documents.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: VI.-4

Sponsors:

Enactment Date:

Attachments: Lease Purchase Quotes Fire Truck, executed Lease Purchase Quotes Fire Truck & lease-purchase financing documents attached

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018					

Text of Legislative File 2018-391

Title

Acknowledge receipt of interest rate quotes to provide lease-purchase financing for a Ferrara Custom Pumper Fire Truck for the City of Hattiesburg and accept the quote of Trustmark Bank; authorize Mayor to execute necessary lease-purchase financing documents.

Summary

Acknowledge receipt of quotes for lease-purchase financing for a Ferrara Custom Pumper Fire Truck, accept the quote of Trustmark Bank, and authorize execution of necessary documents.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Everett, Connie

From: Everett, Connie
Sent: Monday, April 09, 2018 2:39 PM
To: john_cooper@trustmark.com; jim.wild@regions.com; bob.lee@bxs.com;
mark.flowers@ferrarafire.com; mackie@rfnonline.com; todd.stevenson@revgroup.com
Subject: Hattiesburg lease purchase - fire truck

Gentlemen:

Thank you for the interest rate quotes submitted for the lease purchase financing of a Ferrara Custom Pumper Fire truck. Below is a recap of the quotes received for a 7-year financing:

Trustmark Bank	2.83%
Regions Equipment Finance	3.05%
Bancorp South Equipment Finance	3.84%
Republic First National	4.09%
REV Financial Services	4.18%

As noted above, Trustmark Bank provided the lowest interest rate. Therefore, we will submit the above quotes to the Hattiesburg City Council on the April 17 agenda and recommend acceptance of the quote provided by Trustmark Bank.

Again, thank you for your interest.

*Connie Everett
Interim Chief Financial Officer
City of Hattiesburg
PO Box 1898
Hattiesburg, MS 39401
601-554-1016*



Post Office Box 1071
Hattiesburg, MS 39401
(601) 544-8100 PHONE
(601) 583-5307 FAX
www.trustmark.com

April 6, 2018

City of Hattiesburg
Attn: Connie Everette
P.O. Box 1898
Hattiesburg, MS 39403-1898

Dear Ladies & Gentlemen of the City Council:

Thank you for the opportunity to provide a lease purchase financing quote to the City of Hattiesburg. For the requested financing of lease purchase financing for one New Ferrara Custom Pumper Fire Truck in the amount of \$445,000, Trustmark is pleased to offer the following tax-exempt, bank qualified interest rate:

<u>Term</u>	<u>Interest Rate</u>
5 Years	2.73% Fixed
7 Years	2.83% Fixed

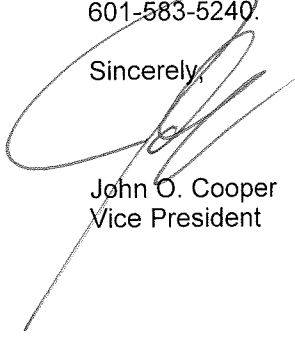
The loan will be are fully amortizing with monthly payments of principal and interest.

The offer is subject to the following general terms and conditions:

- 1. AUTHORITY:** The Lease and other documentation will be authorized and entered into in accordance with State law. An opinion of counsel regarding the legality of the transaction will be required subject to Trustmark's satisfaction. Further, this transaction must be designated by a resolution or order of the Board as a "qualified tax exempt obligation" pursuant to Section 265 of the Internal Revenue Code.
- 2. DOCUMENTATION:** Trustmark will provide the Lease-Purchase Agreement needed to undertake this transaction at no cost to the City. The City agrees to provide to Trustmark other customary documentation for this type transaction including, but not limited to, an opinion of counsel to the effect that the interest payments are exempt from all federal and state taxation. The City, through its City Council (the "Council") agrees to enter into such documentation, pending the City attorney's approval. The City of Hattiesburg will also complete an IRS Form 8038-G/GC in a timely manner and provide a copy to Trustmark.
- 3. EXPIRATION of RATE and NOTICE of FUNDING:** The aforementioned quote will expire at midnight, April 30, 2018, unless funded prior to then by the City or extended by mutual agreement between Trustmark and the City.

We hope the above information is to your satisfaction. If you have any questions, please call me at 601-583-5240.

Sincerely,


John O. Cooper
Vice President

People you trust.
Advice that works.

Ryan Hinton
202 S. 40th Ave
Hattiesburg, MS 39402
Office: 601-264-8248
Fax: 601-261-4353
Ryan.hinton@regions.com



April 6th, 2018

City of Hattiesburg, Mississippi
Att: Connie Everett
200 Forrest Street
Hattiesburg, MS 39401

Dear Connie,

Regions Equipment Finance Corporation is pleased to furnish the following tax exempt lease proposal for your review and consideration.

Lessor:	Regions Equipment Finance Corporation, or its Assignee
Lessee:	City of Hattiesburg, Mississippi
Equipment:	Ferrara Custom Pumper fire truck
Equipment Cost:	\$445,000
Delivery / Facility Term:	Delivery date to be determined, but prior to July 1 st , 2018. Once we have received all documentation sufficient to close this lease and all other closing requirements have been satisfied, the funds will be disbursed directly to the vendor for payment. Upon commencement, the lease will have a 7 year term.
Base Term:	7 Years
Payment:	\$5,889.95
Implicit Rate:	3.05%
Lease Commencement:	The Base Term shall commence on the date of closing and delivery and acceptance of the Equipment. The first monthly rental shall be due 30 days in arrears. Remaining equal monthly rental payments shall be due on the same day of each consecutive month thereafter. All payments shall be subject to any applicable state and local sales/use taxes.
Rental Factor Adjustment:	The Implicit Rate presented in this proposal is based on current market conditions and the prevailing like term swap rate of 2.80% as quoted by <u>Regions Bank (via Bloomberg)</u> on April 5 th , 2018. The Implicit Rate as quoted on this proposal shall be adjusted upward or downward in order to maintain Lessor's economic yield as exists at this date. Payments shall be fixed at closing.

Bank Qualified:	It is anticipated that this transaction will be bank qualified. The Implicit Rate stated above assumes that the Lease will be a bank qualified tax-exempt obligation. Section 265(b)3 of the Internal Revenue Code of 1986 exempts certain tax-exempt obligations (bank qualified), not in excess of \$10,000,000.00 per year, from the 100% preference tax disallowance applicable to banks, provided that the reasonably anticipated amount of qualified tax-exempt obligations to be issued by the issuing authority during the calendar year does not exceed \$10,000,000.00. If the issuing authority reasonably anticipates that it will issue \$10,000,000.00 or less in qualified tax-exempt obligations during the calendar year, the Lease will be designated as a non-bank qualified tax-exempt obligation.
Opinion of Counsel:	Prior to closing the Lease, Lessor must be provided with an opinion of Lessee's counsel, at Lessee's expense, satisfactory to Lessor and its counsel, which shall include opinions that the Lease and related documentation are duly authorized, executed and delivered by Lessee, that the parties have complied with all applicable state laws, including laws regulating bidding or government contracts and that rents payable under the Lease will be exempt from state and federal income taxes.
Net Lease:	The Lease will be a "net lease" with Lessee responsible for all expenses, including (a) maintenance costs, liability and physical damage insurance satisfactory to Lessor and (b) taxes relating to the purchase, lease, possession and use of the Equipment (some of which may be added to the cost of the Equipment or collected as the gross rentals as appropriate under state law), excluding taxes based solely on the net income of Lessor. Lessor is not responsible for the selection, suitability or performance of the Equipment and Lessee will be responsible for all payments and performance irrespective of any defect in the Equipment.
Purchase At End Of Term:	At the expiration of the Base Term, so long as no default exists thereunder and the Lease has not been earlier terminated, Lessee shall have the option to purchase all (but not less than all) of the Equipment on an AS IS, WHERE IS BASIS for one dollar (\$1.00).
Documentation:	Lessor will provide all documentation required to close the Lease. Any modifications requested by Lessee must be approved by Lessor. Any associated legal fees will be reimbursed to Lessor by Lessee.
Transactional Costs:	Unless otherwise agreed in writing, Lessee will be responsible for all closing costs including, without limitation, appraisal fees, attorney's fees and disbursements, and recording fees. A minimum UCC Filing Fee of \$150 will be added to the foregoing. Lessee will be responsible for all costs it incurs.
Insurance:	Lessee will be responsible to purchase and maintain liability insurance coverage equal to \$1,000,000.00 naming Lessor as Additional Insured and physical damage insurance coverage with a deductible of no more than \$5,000.00 naming Lessor as Loss Payee. Lessee will furnish satisfactory evidence of such insurance prior to funding.
Contingencies:	This proposal is not and should not be construed as a commitment to fund. The terms and provisions presented herein are subject to among other things (1) Lessor's credit review and approval of Lessor's investment in the Equipment and the economics of the proposed transaction, at Lessor's sole discretion, and (2) execution of all documentation in form and substance satisfactory to all parties to the transaction. Lessor makes no representation as to the legal, tax or accounting treatment of the Lease. Lessor shall not have any obligation whatsoever under this proposal and shall only be obligated under and as provided in the documentation referred to in clause (2) above. No notice of approval or other

communication from Lessor or anyone claiming to act on its behalf shall waive or modify the limitations contained in this paragraph.

Role of Lessor:

The Lessor and its representatives are not registered municipal advisors and do not provide advice to municipal entities or obligated persons with respect to municipal financial products or the issuance of municipal securities (including regarding the structure, timing, terms and similar matters concerning municipal financial products or municipal securities issuances) or engage in the solicitation of municipal entities or obligated persons for the provision by non-affiliated persons of municipal advisory services and/or investment advisory services. With respect to this Proposal and any other information, materials or communications provided by the Lessor: (a) the Lessor and its representatives are not recommending an action to any municipal entity or obligated person; (b) the Lessor and its representatives are not acting as an advisor to any municipal entity or obligated person and do not owe a fiduciary duty pursuant to Section 15B of the Securities Exchange Act of 1934 to any municipal entity or obligated person with respect to this Proposal, information, materials or communications; (c) the Lessor and its representatives are acting for their own interests; and (d) the Issuer and the Lessee have been informed that the Issuer and the Lessee should discuss this Proposal and any such other information, materials or communications with any and all internal and external advisors and experts that the Issuer and the Lessee, respectively, deem appropriate before acting on this Proposal or any such other information, materials or communications.

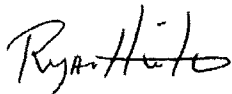
Lessee hereby authorizes Lessor to pre-file UCC financing statements naming Lessee, as debtor, and Lessor, as secured party, and describing the collateral therein by specific reference to the Equipment or by general reference to all equipment financed by Lessor (or words similar to the effect), provided that our doing so shall not obligate Lessee or Lessor to enter into the proposed financing, and provided further that if the proposed financing is not extended for any reason Lessor will terminate any such UCC financing statements Lessor has filed at Lessee's request.

Federal law requires all financial institutions to obtain, verify, and record information regarding customers. Lessor has or will obtain and keep on file information complying with 31 CFR Part 103.121 regarding Lessee, including Lessee's name, address and copies of various identifying documents.

By acceptance of this proposal, Lessee requests Lessor to take all actions necessary to evaluate the transactions contemplated hereby, including ordering credit reports and (if desired by Lessor) appraisals of the Equipment. This proposal shall expire as of the close of business on May 5th, 2018, unless extended in writing by Lessor. This proposal may not be modified, supplemented or otherwise changed except in a writing signed by an officer of Lessor, subject to the further limitations expressed above.

We look forward to your early review and acceptance of this proposal. If there are any questions, please do not hesitate to contact me directly at 601-264-8248.

Sincerely,



Ryan Hinton
Vice President

PROPOSAL ACCEPTED:

By: _____

Title: _____

Date: _____



4/6/2018

Sent Via Email: ceverett@hattiesburgms.com

City of Hattiesburg, MS

It is a pleasure to submit for your consideration the following proposal to provide lease-purchase financing based on the terms and conditions set forth below:

1. Lessor: BancorpSouth Equipment Finance, a division of BancorpSouth Bank
2. Lessee: City of Hattiesburg, MS
3. Equipment Description: Ferrara Custom Pumper
4. Equipment Cost: \$445,000.00
5. Lease Term: 7 years
6. Lease Payments: (These are approximate payment amounts. The actual payment will be determined at funding date.)

84 monthly payments of \$6,049.90
Arrears
7. Lease Rate: 84 – 3.84%
(Rate indexed to 4.75% prime rate)
8. Funding Date: This proposal is contingent upon the equipment being delivered and the lease funded prior to 5/30/2018. Any extension of the funding or delivery date must be in writing.
9. Purchase Option: Title is passed to Lessee at lease expiration for no further consideration.
10. Non-appropriation/Termination: The lease provides that Lessee is to make reasonable efforts to obtain funds to satisfy the obligation in each fiscal year. However, the lease may be terminated without penalty in the event of non-appropriation. In such event, the Lessee agrees to provide an attorney's opinion confirming the events of non-appropriation and Lessee's exercise of diligence to obtain funds.

11. Bank Qualification: This lease-purchase financing shall be designated as a bank qualified tax-exempt transaction as per the 1986 Federal Tax Bill. **This means that the Lessee's governing body will pass a resolution stating that it does not anticipate issuing more than \$10 million in General Obligation debt or other debt falling under the Tax Bill's definition of qualifying debt during the calendar year that the lease is funded.**
12. Tax Status: This proposal is subject to the Lessee being qualified as a governmental entity or "political subdivision" within the meaning of Section 103(a) of the Internal Revenue Code of 1954 as amended, within the meaning of said Section. Lessee agrees to cooperate with Lessor in providing evidence as deemed necessary or desirable by Lessor to substantiate such tax status.
13. Net Lease: This will be a net lease transaction whereby maintenance, insurance, taxes (if applicable), compliance with laws and similar expenses shall be borne by Lessee.
14. Financial Statements: Complete and current financial statements must be submitted to Lessor for review and approval of Lessee creditworthiness.
15. Lease Documentation: This equipment lease-purchase package is subject to the mutual acceptance of lease-purchase documentation within a reasonable time period, otherwise payments will be subject to market change.

If the foregoing is acceptable, please so indicate by signing this letter in the space provided below and returning it to BancorpSouth Equipment Finance. **The proposal is subject to approval by BancorpSouth Equipment Finance's Credit Committee and to mutually acceptable terms, conditions and documentation.**

Acceptance of this proposal expires as the close of business on 4/30/2018. Extensions must be approved by the undersigned.

Any concerns or questions should be directed to Bob Lee at 1-800-222-1610.



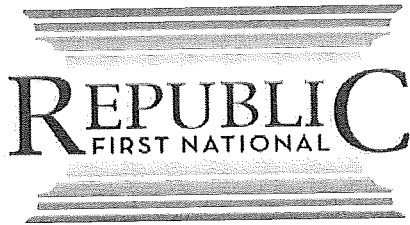
Bob Lee
Municipal Finance Manager

ACKNOWLEDGMENT AND ACCEPTANCE

By: _____

Title

Date: _____



2525 West State Road 114
Rochester, IN 46975
(800) 700-7878
Fax: (800) 865-8517

www.republicfirstnational.com

April 6, 2018

To: Connie Everett
Vendor: Ferrara Fire Apparatus
From: Mackie Ozment

Customer: City of Hattiesburg

Thanks for the opportunity to give you a quote on your latest project!

Equipment: One (1) Ferrara Custom Pumper with Cinder Chassis

Unit Cost: \$445,000.00
Down Payment: \$0.00
Net Financed: \$445,000.00
Frequency of Payments: Monthly

Term: 7
Payments: \$6,335.02
Factor: .01421
APR: 4.09%

Delivery Date: To be determined
First Payment Due: April, 2019

The lease is to be executed within 14 days of the equipment purchase contract. The quote is subject to acceptance of our documentation and credit approval. Payments and rates reflect pre-application of escrow earnings and manufacturer discounts (if any); and are based upon vendor payments being made no earlier than above dates. Rates are subject to change with Treasury Bills of like-maturity prior to funding. The lease must qualify for Federal Income Tax Exempt status for the Lessor.

Sincerely,
Republic First National Corporation

Mackie Ozment
mackie@rfnonline.com

"When results matter"



April 4, 2018

To: Connie Everett, Interim Chief Financial Officer - City of Hattiesburg

RE – **City of Hattiesburg, MS** – Municipal Finance Quote

REV Financial Services is pleased to present the following proposal for the transaction described below:

PROPOSAL:

LESSEE:	City of Hattiesburg, MS						
PROPERTY:	New Ferrara Truck						
EXPIRATION:	May 4, 2018						
INDEX:	INDEXED TO Like Term SWAP Rate – Rates subject to change						
FINANCE QUOTE:	Finance Amount	Rate	Payments	Factor	Pmts / Year	Term	Adv. / Arr.
1st pay due at closing	\$ 445,000.00	4.16%	\$ 71,599.50	0.16089775	1	7 years	Advance
1st pay due at closing	\$ 445,000.00	4.17%	\$ 36,222.88	0.081399733	2	7 years	Advance
\$0 Down at closing	\$ 445,000.00	4.18%	\$ 6,119.56	0.013751818	12	7 years	Arrears

FINANCING: This is a tax-exempt, municipal government lease purchase with the title to the property passing to Lessee. This is a net lease under which, all costs, including insurance, maintenance and taxes, are paid by Lessee for the term of the lease. Rates assume municipal/bank qualified.

NOTES: There is a \$400.00 documentation fee due at closing.

APPROVAL: This proposal, until credit approved, serves as a quotation, not a commitment by Lessor to provide credit or property. Lessor acceptance of this Proposal is subject to credit; collateral and essential use review and approval by Lessor. The interest rate quoted herein assumes that the interest component of the Payments is exempt from federal income tax. Lessor will provide a taxable financing proposal if it is determined that the financing will not qualify for tax-exempt interest rates. In the event Lessor's federal tax rate changes prior to funding (even if this proposal has not expired), Lessor shall adjust the quoted Interest Rate to maintain the Lessor's anticipated economics and return. The financing contemplated by this proposal is subject to the execution and delivery of all appropriate documents (in form and substance satisfactory to Lessor), including without limitation, to the extent applicable, the Master Lease Agreement, any Schedule, financing statements, legal opinion or other documents or agreements reasonably required by Lessor. The quoted interest rate assumes the Lessee designates the Lease as "bank-qualified" pursuant to Section 265(b) of the Code.

Thank you for the opportunity to present this proposal. If you have any questions, please contact me at my number or e-mail address below.

Sincerely,

Todd Stevenson
National Sales Manager
(303) 254-6350
todd.stevenson@revgroup.com
www.REVgroup.com

Proposal Acceptance:

Option: 7 / 14 / 84 payments (Please Circle)

Signed: _____

Name: _____

Title: _____

Date: _____

Everett, Connie

From: Everett, Connie
Sent: Monday, April 09, 2018 2:39 PM
To: john_cooper@trustmark.com; jim.wild@regions.com; bob.lee@bxs.com;
mark.flowers@ferrarafire.com; mackie@rfnonline.com; todd.stevenson@revgroup.com
Subject: Hattiesburg lease purchase - fire truck

Gentlemen:

Thank you for the interest rate quotes submitted for the lease purchase financing of a Ferrara Custom Pumper Fire truck. Below is a recap of the quotes received for a 7-year financing:

Trustmark Bank	2.83%
Regions Equipment Finance	3.05%
Bancorp South Equipment Finance	3.84%
Republic First National	4.09%
REV Financial Services	4.18%

As noted above, Trustmark Bank provided the lowest interest rate. Therefore, we will submit the above quotes to the Hattiesburg City Council on the April 17 agenda and recommend acceptance of the quote provided by Trustmark Bank.

Again, thank you for your interest.

*Connie Everett
Interim Chief Financial Officer
City of Hattiesburg
PO Box 1898
Hattiesburg, MS 39401
601-554-1016*



Post Office Box 1071
Hattiesburg, MS 39401
(601) 544-8100 PHONE
(601) 583-5307 FAX
www.trustmark.com

April 6, 2018

City of Hattiesburg
Attn: Connie Everette
P.O. Box 1898
Hattiesburg, MS 39403-1898

Dear Ladies & Gentlemen of the City Council:

Thank you for the opportunity to provide a lease purchase financing quote to the City of Hattiesburg. For the requested financing of lease purchase financing for one New Ferrara Custom Pumper Fire Truck in the amount of \$445,000, Trustmark is pleased to offer the following tax-exempt, bank qualified interest rate:

<u>Term</u>	<u>Interest Rate</u>
5 Years	2.73% Fixed
7 Years	2.83% Fixed

The loan will be are fully amortizing with monthly payments of principal and interest.

The offer is subject to the following general terms and conditions:

1. **AUTHORITY:** The Lease and other documentation will be authorized and entered into in accordance with State law. An opinion of counsel regarding the legality of the transaction will be required subject to Trustmark's satisfaction. Further, this transaction must be designated by a resolution or order of the Board as a "qualified tax exempt obligation" pursuant to Section 265 of the Internal Revenue Code.

2. **DOCUMENTATION:** Trustmark will provide the Lease-Purchase Agreement needed to undertake this transaction at no cost to the City. The City agrees to provide to Trustmark other customary documentation for this type transaction including, but not limited to, an opinion of counsel to the effect that the interest payments are exempt from all federal and state taxation. The City, through its City Council (the "Council") agrees to enter into such documentation, pending the City attorney's approval. The City of Hattiesburg will also complete an IRS Form 8038-G/GC in a timely manner and provide a copy to Trustmark.

3. **EXPIRATION of RATE and NOTICE of FUNDING:** The aforementioned quote will expire at midnight, April 30, 2018, unless funded prior to then by the City or extended by mutual agreement between Trustmark and the City.

We hope the above information is to your satisfaction. If you have any questions, please call me at 601-583-5240.

Sincerely,


John O. Cooper
Vice President

People you trust.
Advice that works.

Ryan Hinton
202 S. 40th Ave
Hattiesburg, MS 39402
Office: 601-264-8248
Fax: 601-261-4353
Ryan.hinton@regions.com



April 6th, 2018

City of Hattiesburg, Mississippi
Att: Connie Everett
200 Forrest Street
Hattiesburg, MS 39401

Dear Connie,

Regions Equipment Finance Corporation is pleased to furnish the following tax exempt lease proposal for your review and consideration.

Lessor:	Regions Equipment Finance Corporation, or its Assignee
Lessee:	City of Hattiesburg, Mississippi
Equipment:	Ferrara Custom Pumper fire truck
Equipment Cost:	\$445,000
Delivery / Facility Term:	Delivery date to be determined, but prior to July 1 st , 2018. Once we have received all documentation sufficient to close this lease and all other closing requirements have been satisfied, the funds will be disbursed directly to the vendor for payment. Upon commencement, the lease will have a 7 year term.
Base Term:	7 Years
Payment:	\$5,889.95
Implicit Rate:	3.05%
Lease Commencement:	The Base Term shall commence on the date of closing and delivery and acceptance of the Equipment. The first monthly rental shall be due 30 days in arrears. Remaining equal monthly rental payments shall be due on the same day of each consecutive month thereafter. All payments shall be subject to any applicable state and local sales/use taxes.
Rental Factor Adjustment:	The Implicit Rate presented in this proposal is based on current market conditions and the prevailing like term swap rate of 2.80% as quoted by <u>Regions Bank (via Bloomberg)</u> on April 5 th , 2018. The Implicit Rate as quoted on this proposal shall be adjusted upward or downward in order to maintain Lessor's economic yield as exists at this date. Payments shall be fixed at closing.

Bank Qualified:	It is anticipated that this transaction will be bank qualified. The Implicit Rate stated above assumes that the Lease will be a bank qualified tax-exempt obligation. Section 265(b)3 of the Internal Revenue Code of 1986 exempts certain tax-exempt obligations (bank qualified), not in excess of \$10,000,000.00 per year, from the 100% preference tax disallowance applicable to banks, provided that the reasonably anticipated amount of qualified tax-exempt obligations to be issued by the issuing authority during the calendar year does not exceed \$10,000,000.00. If the issuing authority reasonably anticipates that it will issue \$10,000,000.00 or less in qualified tax-exempt obligations during the calendar year, the Lease will be designated as a non-bank qualified tax-exempt obligation.
Opinion of Counsel:	Prior to closing the Lease, Lessor must be provided with an opinion of Lessee's counsel, at Lessee's expense, satisfactory to Lessor and its counsel, which shall include opinions that the Lease and related documentation are duly authorized, executed and delivered by Lessee, that the parties have complied with all applicable state laws, including laws regulating bidding or government contracts and that rents payable under the Lease will be exempt from state and federal income taxes.
Net Lease:	The Lease will be a "net lease" with Lessee responsible for all expenses, including (a) maintenance costs, liability and physical damage insurance satisfactory to Lessor and (b) taxes relating to the purchase, lease, possession and use of the Equipment (some of which may be added to the cost of the Equipment or collected as the gross rentals as appropriate under state law), excluding taxes based solely on the net income of Lessor. Lessor is not responsible for the selection, suitability or performance of the Equipment and Lessee will be responsible for all payments and performance irrespective of any defect in the Equipment.
Purchase At End Of Term:	At the expiration of the Base Term, so long as no default exists thereunder and the Lease has not been earlier terminated, Lessee shall have the option to purchase all (but not less than all) of the Equipment on an AS IS, WHERE IS BASIS for one dollar (\$1.00).
Documentation:	Lessor will provide all documentation required to close the Lease. Any modifications requested by Lessee must be approved by Lessor. Any associated legal fees will be reimbursed to Lessor by Lessee.
Transactional Costs:	Unless otherwise agreed in writing, Lessee will be responsible for all closing costs including, without limitation, appraisal fees, attorney's fees and disbursements, and recording fees. A minimum UCC Filing Fee of \$150 will be added to the foregoing. Lessee will be responsible for all costs it incurs.
Insurance:	Lessee will be responsible to purchase and maintain liability insurance coverage equal to \$1,000,000.00 naming Lessor as Additional Insured and physical damage insurance coverage with a deductible of no more than \$5,000.00 naming Lessor as Loss Payee. Lessee will furnish satisfactory evidence of such insurance prior to funding.
Contingencies:	This proposal is not and should not be construed as a commitment to fund. The terms and provisions presented herein are subject to among other things (1) Lessor's credit review and approval of Lessor's investment in the Equipment and the economics of the proposed transaction, at Lessor's sole discretion, and (2) execution of all documentation in form and substance satisfactory to all parties to the transaction. Lessor makes no representation as to the legal, tax or accounting treatment of the Lease. Lessor shall not have any obligation whatsoever under this proposal and shall only be obligated under and as provided in the documentation referred to in clause (2) above. No notice of approval or other

communication from Lessor or anyone claiming to act on its behalf shall waive or modify the limitations contained in this paragraph.

Role of Lessor:

The Lessor and its representatives are not registered municipal advisors and do not provide advice to municipal entities or obligated persons with respect to municipal financial products or the issuance of municipal securities (including regarding the structure, timing, terms and similar matters concerning municipal financial products or municipal securities issuances) or engage in the solicitation of municipal entities or obligated persons for the provision by non-affiliated persons of municipal advisory services and/or investment advisory services. With respect to this Proposal and any other information, materials or communications provided by the Lessor: (a) the Lessor and its representatives are not recommending an action to any municipal entity or obligated person; (b) the Lessor and its representatives are not acting as an advisor to any municipal entity or obligated person and do not owe a fiduciary duty pursuant to Section 15B of the Securities Exchange Act of 1934 to any municipal entity or obligated person with respect to this Proposal, information, materials or communications; (c) the Lessor and its representatives are acting for their own interests; and (d) the Issuer and the Lessee have been informed that the Issuer and the Lessee should discuss this Proposal and any such other information, materials or communications with any and all internal and external advisors and experts that the Issuer and the Lessee, respectively, deem appropriate before acting on this Proposal or any such other information, materials or communications.

Lessee hereby authorizes Lessor to pre-file UCC financing statements naming Lessee, as debtor, and Lessor, as secured party, and describing the collateral therein by specific reference to the Equipment or by general reference to all equipment financed by Lessor (or words similar to the effect), provided that our doing so shall not obligate Lessee or Lessor to enter into the proposed financing, and provided further that if the proposed financing is not extended for any reason Lessor will terminate any such UCC financing statements Lessor has filed at Lessee's request.

Federal law requires all financial institutions to obtain, verify, and record information regarding customers. Lessor has or will obtain and keep on file information complying with 31 CFR Part 103.121 regarding Lessee, including Lessee's name, address and copies of various identifying documents.

By acceptance of this proposal, Lessee requests Lessor to take all actions necessary to evaluate the transactions contemplated hereby, including ordering credit reports and (if desired by Lessor) appraisals of the Equipment. This proposal shall expire as of the close of business on May 5th, 2018, unless extended in writing by Lessor. This proposal may not be modified, supplemented or otherwise changed except in a writing signed by an officer of Lessor, subject to the further limitations expressed above.

We look forward to your early review and acceptance of this proposal. If there are any questions, please do not hesitate to contact me directly at 601-264-8248.

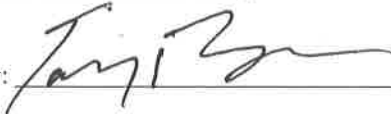
Sincerely,



Ryan Hinton
Vice President

April 5th, 2018
Page 4 of 4

PROPOSAL ACCEPTED:

By: 

Title: Mayor

Date: 4-17-18



4/6/2018

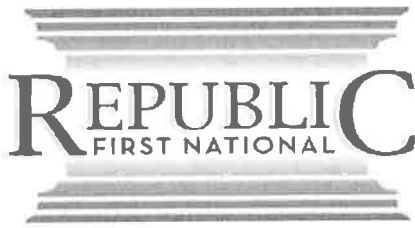
Sent Via Email: ceverett@hattiesburgms.com

City of Hattiesburg, MS

It is a pleasure to submit for your consideration the following proposal to provide lease-purchase financing based on the terms and conditions set forth below:

1. Lessor: BancorpSouth Equipment Finance, a
division of BancorpSouth Bank
2. Lessee: City of Hattiesburg, MS
3. Equipment Description: Ferrara Custom Pumper
4. Equipment Cost: \$445,000.00
5. Lease Term: 7 years
6. Lease Payments: (These are approximate payment amounts. The
actual payment will be determined at funding
date.)

84 monthly payments of \$6,049.90
Arrears
7. Lease Rate: 84 – 3.84%
(Rate indexed to 4.75% prime rate)
8. Funding Date: This proposal is contingent upon the equipment
being delivered and the lease funded prior to
5/30/2018 Any extension of the funding or
delivery date must be in writing.
9. Purchase Option: Title is passed to Lessee at lease expiration for
no further consideration.
10. Non-appropriation/Termination: The lease provides that Lessee is to make reasonable
efforts to obtain funds to satisfy the obligation in each fiscal year. However, the lease may be
terminated without penalty in the event of non-appropriation. In such event, the Lessee
agrees to provide an attorney's opinion confirming the events of non-appropriation and
Lessee's exercise of diligence to obtain funds.



2525 West State Road 114
Rochester, IN 46975
(800) 700-7878
Fax: (800) 865-8517

www.republicfirstnational.com

April 6, 2018

To: Connie Everett
Vendor: Ferrara Fire Apparatus
From: Mackie Ozment

Customer: City of Hattiesburg

Thanks for the opportunity to give you a quote on your latest project!

Equipment: One (1) Ferrara Custom Pumper with Cinder Chassis

Unit Cost: \$445,000.00
Down Payment: \$0.00
Net Financed: \$445,000.00
Frequency of Payments: Monthly

Term: 7
Payments: \$6,335.02
Factor: .01421
APR: 4.09%

Delivery Date: To be determined
First Payment Due: April, 2019

The lease is to be executed within 14 days of the equipment purchase contract. The quote is subject to acceptance of our documentation and credit approval. Payments and rates reflect pre-application of escrow earnings and manufacturer discounts (if any); and are based upon vendor payments being made no earlier than above dates. Rates are subject to change with Treasury Bills of like-maturity prior to funding. The lease must qualify for Federal Income Tax Exempt status for the Lessor.

Sincerely,
Republic First National Corporation

Mackie Ozment
mackie@rfnonline.com

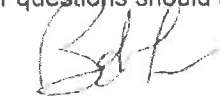
"When results matter"

11. Bank Qualification: This lease-purchase financing shall be designated as a bank qualified tax-exempt transaction as per the 1986 Federal Tax Bill. **This means that the Lessee's governing body will pass a resolution stating that it does not anticipate issuing more than \$10 million in General Obligation debt or other debt falling under the Tax Bill's definition of qualifying debt during the calendar year that the lease is funded.**
12. Tax Status: This proposal is subject to the Lessee being qualified as a governmental entity or "political subdivision" within the meaning of Section 103(a) of the Internal Revenue Code of 1954 as amended, within the meaning of said Section. Lessee agrees to cooperate with Lessor in providing evidence as deemed necessary or desirable by Lessor to substantiate such tax status.
13. Net Lease: This will be a net lease transaction whereby maintenance, insurance, taxes (if applicable), compliance with laws and similar expenses shall be borne by Lessee.
14. Financial Statements: Complete and current financial statements must be submitted to Lessor for review and approval of Lessee creditworthiness.
15. Lease Documentation: This equipment lease-purchase package is subject to the mutual acceptance of lease-purchase documentation within a reasonable time period, otherwise payments will be subject to market change.

If the foregoing is acceptable, please so indicate by signing this letter in the space provided below and returning it to BancorpSouth Equipment Finance. **The proposal is subject to approval by BancorpSouth Equipment Finance's Credit Committee and to mutually acceptable terms, conditions and documentation.**

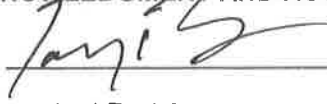
Acceptance of this proposal expires as the close of business on 4/30/2018. Extensions must be approved by the undersigned.

Any concerns or questions should be directed to Bob Lee at 1-800-222-1610.



Bob Lee
Municipal Finance Manager

ACKNOWLEDGMENT AND ACCEPTANCE

By:  Mayor
Title
Date: 4-17-18



April 4, 2018

To: Connie Everett, Interim Chief Financial Officer - City of Hattiesburg

RE – **City of Hattiesburg, MS** – Municipal Finance Quote

REV Financial Services is pleased to present the following proposal for the transaction described below:

PROPOSAL:

LESSEE:	City of Hattiesburg, MS						
PROPERTY:	New Ferrara Truck						
EXPIRATION:	May 4, 2018						
INDEX:	INDEXED TO Like Term SWAP Rate – Rates subject to change						
FINANCE QUOTE:	Finance Amount	Rate	Payments	Factor	Pmts / Year	Term	Adv. / Arr.
1st pay due at closing	\$ 445,000.00	4.16%	\$ 71,599.50	0.16089775	1	7 years	Advance
1st pay due at closing	\$ 445,000.00	4.17%	\$ 36,222.88	0.081399733	2	7 years	Advance
\$0 Down at closing	\$ 445,000.00	4.18%	\$ 6,119.56	0.013751818	12	7 years	Arrears

FINANCING:

This is a tax-exempt, municipal government lease purchase with the title to the property passing to Lessee. This is a net lease under which, all costs, including insurance, maintenance and taxes, are paid by Lessee for the term of the lease. Rates assume municipal/bank qualified.

NOTES:

There is a \$400.00 documentation fee due at closing.

APPROVAL:

This proposal, until credit approved, serves as a quotation, not a commitment by Lessor to provide credit or property. Lessor acceptance of this Proposal is subject to credit; collateral and essential use review and approval by Lessor. The interest rate quoted herein assumes that the interest component of the Payments is exempt from federal income tax. Lessor will provide a taxable financing proposal if it is determined that the financing will not qualify for tax-exempt interest rates. In the event Lessor's federal tax rate changes prior to funding (even if this proposal has not expired), Lessor shall adjust the quoted Interest Rate to maintain the Lessor's anticipated economics and return. The financing contemplated by this proposal is subject to the execution and delivery of all appropriate documents (in form and substance satisfactory to Lessor), including without limitation, to the extent applicable, the Master Lease Agreement, any Schedule, financing statements, legal opinion or other documents or agreements reasonably required by Lessor. The quoted interest rate assumes the Lessee designates the Lease as "bank-qualified" pursuant to Section 265(b) of the Code.

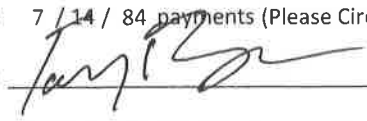
Thank you for the opportunity to present this proposal. If you have any questions, please contact me at my number or e-mail address below.

Sincerely,

Todd Stevenson
National Sales Manager
(303) 254-6350
todd.stevenson@revgroup.com
www.REVgroup.com

Proposal Acceptance:

Option: 7 / 14 / 84 payments (Please Circle)

Signed: 

Name: Toby Barker

Title: Mayor

Date: 4-17-18



April 18, 2018

City of Hattiesburg
Attn: Toby Barker, Mayor
P. O. Box 1898
Hattiesburg, MS 39403

COPY

Dear **Toby Barker, Mayor**

Please find enclosed the Lease-Purchase Agreement between Trustmark National Bank and the **City of Hattiesburg** for the purchase of **One (1) Ferrara Custom Pumper Fire Truck, Serial # 1F9454723HH140626**. Also enclosed is a **84 month** amortization schedule and the 8038-G Tax Form.

I am listing requirements, in addition to the appropriate signatures, necessary to ensure complete execution of the document.

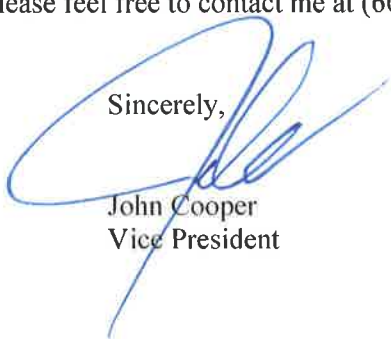
1. Attach equipment invoice to Exhibit A (Equipment)
2. Complete all blanks and sign Exhibit D (Certificate of Acceptance)
3. Board attorney must sign and date Exhibit E (Opinion of Counsel)
4. Complete all blanks, sign and date Exhibit F (Federal Tax Certificate), as well as Tax Form 8038-G
5. Attach Certificate of Insurance to Exhibit G (Certificate of Insurance)
6. Please include the City's most recent audited financial statement and current budget

Once your Board has approved, and the document has been fully executed, please mail back to my attention as addressed below:

Trustmark National Bank
Attn: **John Cooper, Vice President**
One Trustmark Plaza
Hattiesburg, MS 39401

Payment will be made as requested, once the agreement has been finalized/processed. In the meantime, if there are any questions please feel free to contact me at (601) 583-5240 or 1-800-844-2000 Ext. 5240

Sincerely,


John Cooper
Vice President



COPY

LEASE AND OPTION TO PURCHASE

between

TRUSTMARK NATIONAL BANK

as Lessor

and

City of Hattiesburg

as Lessee

Dated as of the 18th day of April, 2018

Prepared by: **Trustmark National Bank**

INDEXING INSTRUCTIONS:



LEASE AND OPTION TO PURCHASE

THIS LEASE AND OPTION TO PURCHASE (“Lease”) effective as of **April 18, 2018** (the “Effective Date”) between **Trustmark National Bank**, a national banking association organized and existing under the laws of the United States of America, as lessor (“Lessor”) whose address is **One Trustmark Plaza, Hattiesburg, MS 39401** and the **City of Hattiesburg**, a political subdivision of the State of Mississippi as lessee (“Lessee”), whose address is **P. O. Box 1898, Hattiesburg, MS 39403**.

RECITALS

WHEREAS, pursuant to the laws of the State, the Lessee is authorized to acquire items of property as are needed to carry out its governmental functions and to acquire such property by entering into lease-purchase agreements; and

WHEREAS, the Lessee has determined that it is in need of the Equipment, as hereafter described, said Equipment to be located and used in connection with either a public building, courthouse, office building, jail, auditorium, community center, civic art center, public library, or gymnasium which facility is owned by **City of Hattiesburg**; and

WHEREAS, the Lessee has determined that in order to accomplish such purpose it is necessary and desirable to acquire the Equipment by leasing the same pursuant to this Lease under the authority of Sections 31-8-1 et seq., Mississippi Code of 1972, as amended; and

WHEREAS, Lessor is willing to acquire such Equipment and to lease said Equipment to Lessee pursuant to the terms and conditions set forth herein; and

WHEREAS, Lessor and Lessee have agreed that the Lease Term (as hereinafter defined) shall not exceed the useful economic life of the Equipment, which Lessor and Lessee agree to be not more than **seven years**, but in no event shall the primary Lease Term exceed twenty (20) years.

NOW, THEREFORE, in consideration of the mutual covenants and agreements herein contained, the parties hereto agree as follows:

AGREEMENTS

ARTICLE I

DEFINITIONS



Section 1.1 Definitions. Unless the context otherwise requires, the terms defined in this Section shall have the meanings herein specified.

Additional Rental: the amounts specified as such in Sections 5.4(c), 5.5, and 7.4 of this Lease.

Base Rental: The payment the amounts due from Lessee to Lessor on each Payment Date during the Lease Term as set forth in Exhibit B, but does not include Additional Rental.

Code: The Internal Revenue Code of 1986, as amended.

Contractor: The manufacturer(s) or vendor(s) from whom Lessee has ordered or will order or with whom Lessee has contracted or will contract for the manufacture, delivery, sale and/or installation of the Equipment.

Equipment: The property described in Exhibit A, but in no event shall this property consist, in whole or in part, of any office furniture or office machines.

Fiscal Year: The twelve month fiscal period of Lessee which commences on **September 30th** in every year and ends on the following **September 30th**.

Governing Body: The Board of **City Council** of the Lessee.

Governing Body Representative: means either **President** of the **City Council** of the Lessee or the City Clerk of the City of Hattiesburg, being the duly authorized official to execute and deliver this Lease as approved by official action taken by the Governing Body on **April 17, 2018**.

Interest Component: The portion of any Rental Payment designed as interest as shown in Exhibit B.

Lease Term: Unless sooner terminated pursuant to the provisions of this Lease, the period of time commencing upon the Effective Date and ending on **April 18, 2025**, but in no event extending past **April 18, 2025**, which Lessor and Lessee agree represents the useful economic life of the Equipment; in no event shall the primary Lease Term exceed twenty (20) year.

Net Proceeds: Any insurance proceeds or condemnation award paid with respect to the Equipment remaining after payment therefrom of all expenses incurred in the collection thereof.

Non-appropriation: The failure of the Governing Body to appropriate money for any Fiscal Year of Lessee sufficient for the continued performance of this Lease by Lessee.



Payment Date: The date upon which any Rental Payment is due and payable as provided in Exhibit B.

Permitted Encumbrances: At any particular time: (i) liens on Lessee's interest in the Equipment for taxes and assessments not then delinquent, (ii) this Lease and any amendments hereto, (iii) Lessor's interest in the Equipment, and (iv) any mechanic's, laborer's, materialmen's, supplier's or vendor's lien or right which secures an amount not then due and owing for goods or services.

Principal Component: The portion of any Rental Payment designated as principal in Exhibit B.

Purchase Option Price: With respect to the Equipment, as of the Payment Dates specified in Exhibit C, the amount set forth opposite such date assuming all Rental Payments and other amounts due from Lessee to Lessor have been paid as and when due.

Rental Payment: The payment of Basic Rental due from Lessee to Lessor on each Payment Date as shown in Exhibit B **PLUS** any Additional Rental due pursuant to the terms of this Lease.

Specifications: The bid specifications and/or purchase order pursuant to which Lessee ordered the Equipment from Contractor.

State: The State of Mississippi.

State and Federal Law or Laws: The Constitution and any laws of the State and any rule or regulation of any agency or political subdivision of the State; and any law of the United States, and any rule or regulation of any agency of the United States.

ARTICLE II

REPRESENTATIONS, COVENANTS AND WARRANTIES

Section 2.1. Representations, Covenants and Warranties of Lessee. Lessee represents, warrants and covenants as follows:

(a) Lessee is a **City Government**, which is a political subdivision of the State, duly organized and existing under the Constitution and laws of the State.

(b) Lessee is authorized under the Constitution and laws of the State to enter into this Lease and the transactions contemplated hereby, and to perform all of its obligations hereunder.



(c) The Governing Body Representative has been duly authorized to execute and deliver this Lease under the terms and provisions of appropriate official action of the **City Council** taken on **April 17, 2018**.

(d) In authorizing and executing this Lease, Lessee has complied with all public bidding and other State and Federal laws applicable to this Lease and the acquisition of the Equipment by Lessee.

(e) The Equipment will be used only to carry out the governmental purposes and to perform essential governmental functions of Lessee.

(f) Lessee has obtained all permits and licenses necessary for the installation, operation, possession and use of the Equipment.

(g) Upon delivery and installation of the Equipment, Lessee will provide Lessor with a completed and executed Certificate of Acceptance in the form attached hereto as Exhibit D. If Lessee fails to execute and deliver a Certificate of Acceptance within five (5) business days after delivery and installation of the Equipment, Lessee shall be deemed to have done so.

(h) Upon the execution of this Lease, Lessee will provide to Lessor an opinion of its legal counsel acceptable to Lessor in Lessors sole opinion substantially in the form attached hereto as Exhibit E.

(i) Upon the execution of this Lease Lessee will provide to Lessor a Federal Tax Certificate in the form attached hereto as Exhibit F.

Section 2.2. Representations, Covenants and Warranties of Lessor. Lessor represents, covenants and warrants as follows:

(a) Lessor is a national banking association, duly organized, validly existing and in good standing under the laws of the United States of America.

(b) Lessor is duly authorized to transact business in the State; has the power to own and lease the Equipment; and has duly authorized the execution and delivery of this Lease.

ARTICLE III

LEASE OF EQUIPMENT

Section 3.1. Lease. Subject to and conditioned upon the delivery of the Equipment by Contractor, Lessor hereby leases the Equipment to Lessee, and Lessee hereby leases the Equipment from Lessor and agrees to pay to Lessor the Rental Payments, all upon the terms and conditions set forth in this Lease.



Section 3.2. Possession and Enjoyment. The Lessor covenants and agrees that the Lessee, by keeping and performing the covenants and agreements herein contained, shall, at all times during the Lease Term, peaceably and quietly have, hold, and enjoy the Equipment.

Section 3.3. Lessor's Access to Equipment. Representatives of the Lessor shall, subject to reasonable security precautions, have the right to enter upon the property of Lessee during reasonable business hours (and in an emergency at all times) (i) to examine and inspect the Equipment, (ii) for any purpose connected with the rights or obligations of the Lessor under this Lease, including, but not limited to maintain and caring for same if Lessee fails to perform its obligations hereunder, or (iii) for all other lawful purposes.

ARTICLE IV

TERM OF LEASE

Section 4.1. Lease Term. Unless terminated as set forth herein, this Lease shall be in effect for the Lease Term, which shall not exceed **seven years**.

Section 4.2. Intent to Continue Lease Term; Appropriations; Current Expense.

(a) Lessee presently intends to continue this Lease for its entire Lease Term and to pay all Rental Payments. Lessee will include in its budget request for each Fiscal Year the Rental Payments to become due in such Fiscal Year, and will use all reasonable and lawful means at its disposal to secure the appropriation of money for such Fiscal Year sufficient to pay the Rental Payments coming due for such Fiscal Year. Lessee reasonably believes that moneys in an amount sufficient to make all such Rental Payments can and will lawfully be appropriated and made available for this purpose.

(b) The obligation of the Lessee to make Rental Payments under the Lease constitutes a binding obligation of the Lessee in accordance with the terms of this Lease. Provided, however, so long as no default of any monetary obligation of the Lessee has occurred, the Lessee's obligation to pay any amounts due or perform any covenants requiring or resulting in the expenditure of money shall be contingent and expressly limited to the extent of any specific, annual appropriation made by the Lessee to fund such Lease. Nothing contained in the Lease shall create any monetary obligation on the part of the Lessee beyond such current and specific appropriation. The Governing Body, in its sole discretion, may make said payments with any lawfully available revenues. Nothing in the Lease creates a lien of any kind or character whatsoever upon any funds, income or revenue now existing or hereafter held, collected, received, anticipated by, or available to the Governing Body or prevents or restricts the Governing Body at any time from pledging, obligating or creating specific liens upon funds, income or revenues to or for the payment of any bonds, note or certificates of the Governing



Body or for any other purpose whatsoever. The Lessee has not pledged or levied any form of taxation for the payment of Rental Payments under this Lease.

(c) Lessor and Lessee agree that the intent of this Lease is that the obligations of Lessee under this Lease, including its obligation to pay the Rental Payments due with respect to the Equipment, in any Fiscal Year for which this Lease is in effect, shall constitute a current expense of Lessee for such Fiscal Year and shall not constitute an indebtedness of Lessee within the meaning of the Constitution and laws of the State. Nothing herein shall constitute a pledge by Lessee for the benefit of Lessee of any taxes or other moneys in the annual budget of Lessee (or the proceeds or net proceeds of the Equipment) to the payment of any Rental Payment or other amount due hereunder.

Section 4.3. Termination Due to Non-Appropriation. In the sole event of Non-appropriation prior to an Event of Default, Lessee shall have the right to terminate this Lease, in whole, but not in part, at the end of any Fiscal Year of Lessee, in the manner and subject to the terms specified in this Section and Sections 4.4 and 4.6. Lessee may effect such termination by giving Lessor written notice of termination and by paying to Lessor all Rental Payments which are due through the date of such termination. Lessee shall endeavor to give Lessor not less than sixty (60) days prior written notice of termination and shall notify Lessor as soon as reasonably possible of any anticipated termination. In the event of termination of this Lease as provided in this Section, Lessee shall deliver possession of the Equipment to Lessor in accordance with Section 12.3, and shall execute any documents reasonably requested by Lessor to release its interest in the Equipment.

Section 4.4. Effect of Termination. Upon termination of this Lease as provided in Section 4.3, Lessee shall not be responsible for the payment of any Rental Payments coming due with respect to succeeding Fiscal Years, but if Lessee has not delivered possession of the Equipment to Lessor in accordance with Section 12.3 and released and conveyed its interest in the Equipment to Lessor within ten (10) days after the termination of this Lease, the termination shall nevertheless be effective, but Lessee shall be responsible for the payment of damages in an amount equal to (a) the amount of the Rental Payments coming due for the period during which Lessee fails to take such actions PLUS (b) any other loss suffered by Lessor as a result of Lessee's failure to take such actions.

Section 4.5. Nonsubstitution. If this Lease is terminated by Lessee in accordance with Section 4.3, Lessee agrees that for a period of one (1) year after termination, to the extent allowed by law, Lessee will not purchase or lease other property or contract with any third party to perform the same functions as, or functions taking the place of, those performed by the Equipment; provided, however, that this restriction shall not be applicable in the event the Equipment previously has been sold by Lessor and the amount received from such sale, less all



costs of such sale, is sufficient to pay the Purchase Option Price applicable through the last Rental Payment.

Section 4.6. Termination of Lease Term. The Lease Term Lease will terminate upon the occurrence of the first of the following events:

- (a) the termination thereof by Lessee in accordance with Section 4.3;
- (b) the exercise by Lessee of its option to purchase the Equipment under Article X;
- (c) a Default by Lessee and Lessor's election to terminate this Lease pursuant to Article XII; or
- (d) the expiration of the Lease Term if Lessee has made all Rental Payments required Lessee hereunder as and when due and has otherwise performed its obligations hereunder.

ARTICLE V

RENTAL PAYMENTS

Section 5.1. Rental Payments. Lessee agrees to pay Rental Payments during the Lease Term in the amounts and on the Payment Dates. All Rental Payments shall be paid to Lessor on or before the Payment Date at Lessor's offices at the address specified in the first paragraph of this Lease or to such other person or entity and at such other places as Lessor may, from time to time, designate by written notice to Lessee. If any Rental Payment is not paid within ten (10) days of the due date thereof, to the extent allowed by law, Lessee shall also be liable to Lessor for a late payment charge equal to the greater of \$50.00 or four percent (4%) of the amount of the delinquency plus interest on the amount of the delinquency at the per annum rate of interest equal to the lesser of eleven percent (11%) or the maximum rate allowed by law.

Section 5.2. Principal and Interest Components. Each Base Rental Payment consists of a Principal Component and an Interest Component, all as more fully described in Exhibit B.

Section 5.3. Rental Payments to be Unconditional. Except as provided in Section 4.3, the obligation of Lessee to make payments of Base Rental and Additional Rental and any other payments required hereunder shall be absolute and unconditional. Notwithstanding any dispute between Lessee and Lessor or any other person, Lessee shall make all such payments required hereunder as and when due and shall not withhold any such payment pending final resolution of such dispute nor shall Lessee assert any right of set-off or counterclaim against its obligation to make such payments. Lessee's obligation to make any payment required hereunder shall not be abated through accident or unforeseen circumstances. However, nothing herein shall be construed to release Lessor from the performance of its obligations hereunder; and if Lessor should fail to perform any such obligation, Lessee may institute such legal action against Lessor



as Lessee may deem necessary to compel the performance of such obligation or to recover damages therefor.

Section 5.4. Tax Exemption.

(a) Lessee acknowledges and agrees that the payments of Base Rental have been calculated by Lessor assuming that the Interest Component of each Base Rental payment is exempt from federal income taxation. Lessee will do and refrain from doing all things necessary and appropriate to insure that the Interest Component of all Base Rental payments is exempt from federal income taxation. In that regard, Lessee represents, covenants and warrants that:

(i) The Equipment will not be used, directly or indirectly, in a trade or business carried on by any person other than a governmental unit, except for such use as a member of the general public.

(ii) No portion of the Rental Payments: (1) will be secured, directly or indirectly, by property used or to be used in a trade or business carried on by a person other than a governmental unit, except for such use as a member of the general public, or by payments in respect of such property; or (ii) will be derived from payments, whether or not to Lessee, in respect of property or borrowed money used or to be used for a trade or business carried on by any person other than a governmental unit.

(iii) No portion of the cost of the Equipment will be used (directly or indirectly) to make or finance loans to persons other than governmental units.

(iv) The Lessee will execute and file all information statements required by Section 149(e) of the Code and timely pay amounts, if any, required to be rebated to the United States pursuant to Section 148(f) of the Code.

(b) Lessee and Lessor acknowledge that Lessee has designated this Lease as a "qualified tax exempt obligation" for purposes of Section 265(b)(3) of the Code.

(c) In the event any governmental taxing authority successfully imposes an income tax on the Interest Component or imposes an income tax on the interest component under any similar lease of Lessor which, in the opinion of Lessor's counsel, will be determinative of the tax treatment under this Lease, then Lessee agrees to pay Additional Rental retroactively from the date of such imposition through the end of the Lease Term during which such tax is imposed in an amount adequate to compensate Lessor, on an after-tax basis, for the tax imposition.

Section 5.5. Additional Rental. In addition to the Base Rental set forth herein, the Lessee agrees to pay as Additional Rental, as and when due, all of the following:



(a) All taxes and assessments of any nature whatsoever, including but not limited to excise taxes, ad valorem taxes, ad valorem and special lien special assessments and gross receipts taxes, if any, levied upon the Project or upon any interest of the Lessor in this Lease;

(b) Insurance premiums, if any, on all insurance required under the provisions of Article VI of this Lease;

(c) All fees and expenses of the Lessor in connection with the transactions contemplated herein; and

(d) Any other fees, costs or expenses incurred by the Lessor in connection with the execution, performance or enforcement of this Lease or any assignment hereof or any of the transactions contemplated hereby or thereby or related to the Equipment and/or the Lease, including, without limitation, any amounts which may become due.

Amounts constituting Additional Rental payable hereunder shall be paid by the Lessee directly to the person or persons to whom such amounts shall be payable. The Lessee shall pay all such amounts when due or at such later time as such amounts may be paid without penalty and, upon request of the Lender, shall furnish to the Lender a certificate stating that any such amounts have been paid or that no such amounts were due.

ARTICLE VI

INSURANCE AND INDEMNIFICATION

Section 6.1. Section 6.1. Requirements For All Insurance. Lessor's minimum insurance requirements are set forth on Exhibit G, and all insurance policies (or riders) required by this Article shall be maintained with responsible insurance companies organized under the laws of one of the states of the United States and qualified to do business in the State; shall contain a provision that the insurer shall not cancel or revise coverage thereunder without giving at least thirty (30) days prior written notice to Lessor; and shall name Lessor as an additional insured under any liability insurance policy and as a loss payee under any casualty insurance policy. At Lessor's request, Lessee shall deposit with Lessor policies (and riders) evidencing any such insurance procured by it, and upon request of the Lessor, the Lessee shall (a) deposit with the Lessor a certificate of a Governmental Representative stating that the Lessee is in compliance with the insurance requirements set forth in this Section 6, and (b) deliver to Lessor certificates of insurance from insurance companies providing insurance..

Section 6.2. Liability Insurance. Upon receipt of possession of the Equipment, Lessee shall take such measures as may be necessary to insure that any liability for injuries to or death of any person or damage to or loss of property arising out of or in any way relating to the condition or the operation or other general use of the Equipment are covered by a liability



insurance policy or program acceptable to Lessor. To the extent allowed by law, Lessee shall cause Lessor to be named as an additional insured in such policy. The Net Proceeds of all such insurance shall be applied toward extinguishment or satisfaction of the liability with respect to which any Net Proceeds may be paid.

Section 6.2. Property Insurance. Upon receipt of possession of the Equipment, Lessee shall have and assume the risk of loss with respect thereto. Lessee shall maintain in effect during the Lease Term, casualty insurance, subject only to the standard exclusions contained in the policy, in such amount as will be at least sufficient so that if a claim is made for a total loss of the Equipment such insurance proceeds will be sufficient to pay the applicable Purchase Option Price. Such insurance may be provided by a rider to an existing policy or under a separate policy. Such insurance may be written with a deductible not in excess of \$1,000.00. The Net Proceeds of insurance required by this Section shall be applied to the purchase of the Equipment as provided in Section 6.7.

Section 6.3. Worker's Compensation Insurance. If required by State law, Lessee shall carry Worker's Compensation Insurance covering all employees on, in, near or about the Equipment, and, upon request, shall furnish Lessor with certificates evidencing such coverage throughout the Lease Term.

Section 6.5. General Indemnity. To the maximum extent allowed by law, Lessee assumes liability for, and shall indemnify, protect, save, and keep harmless Lessor and its agents, servants, successors, and assigns (each an "Indemnatee") from and against any and all liabilities, obligations, losses, damages, penalties, claims, actions, suits, costs, and expenses, including legal expenses, of whatsoever kind and nature, imposed on, incurred by or asserted against any indemnities, in any way relating to or arising out of this Lease or the enforcement hereof, or the manufacture, purchase, acceptance, rejection, ownership, possession, use, selection, delivery, lease, operation, condition, sale, return, or other disposition of the Equipment or any part thereof (including, without limitation, latent or other defects, whether or not discoverable by Lessee or any other person, any claim in tort for strict liability and any claim for patent, trademark, or copyright infringement); provided, however, that Lessee shall not be required to indemnify any indemnatee for loss or liability arising from acts or events that occur after the Equipment has been returned to Lessor in accordance with this Lease, or for loss or liability resulting solely from the willful misconduct or negligence of such Indemnatee. This indemnity obligation is intended to be, and shall be interpreted to be, a separate and independent contractual obligation from the contractual provisions addressing the requirements and placement of insurance. The provisions of this Section 6.5 shall survive the expiration or earlier termination of this Lease.

Section 6.6. Damage to or Destruction of Equipment. If all or any part of the Equipment is lost, stolen, destroyed or damaged beyond repair, Lessee shall, as soon as practicable after such event, either: (a) replace the same at Lessee's sale cost and expense with replacement



equipment acceptable to Lessor, whereupon such replacement shall be substituted in this Lease by appropriate documentation; or (b) pay the applicable Purchase Option Price of the Equipment. Lessee shall notify Lessor of which course of action it will take within 15 days after the loss, destruction or damage. If Lessee elects clause (a) but fails to perform its obligation thereunder within thirty (30) days after the loss, destruction or damage, Lessor may, at its option, declare the applicable Purchase Option Price of the Equipment immediately due and payable, and Lessee shall be obligated to pay the same. The Net Proceeds of all insurance payable with respect to the Equipment shall be made available to Lessee to be used to discharge Lessee's obligation under this Section. On payment of the Purchase Option Price, this Lease shall terminate and Lessee thereupon shall become entitled to the Equipment AS IS, WITHOUT WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR FITNESS FOR THE USE CONTEMPLATED BY LESSEE, except that the Equipment shall not be subject to any lien or encumbrance created or arising through Lessor.

ARTICLE VII

OTHER OBLIGATIONS OF LESSEE

Section 7.1. Use; Permits. Lessee shall exercise due care in the installation, use, operation and maintenance of the Equipment, and shall not install, use maintain or operate the Equipment improperly, carelessly, in violation of any local, State or Federal laws, rules, regulations or ordinances, or for a purpose or in a manner contrary to that contemplated by this Lease. Lessee shall maintain all permits and licenses necessary for the installation, operation, possession and use of the Equipment. Lessee shall, at Lessee's expense, comply with all local, State and Federal laws, rules, regulations and ordinances that require changes or additions to be made to the Equipment.

Section 7.2. Maintenance of Equipment by Lessee. Lessee shall, at its expense, maintain, preserve and keep the Equipment in good repair, working order and condition.

Section 7.3. Taxes, Other Governmental Charges and Utility Charges. Except as expressly limited by this Section, Lessee shall pay all taxes, special assessments, and other charges of any kind which are lawfully assessed or levied against or with respect to the Equipment, the Rental Payments or any part thereof with respect to the Lease Term. Lessee shall not be required to pay any federal, state or local income, inheritance, estate, succession, transfer, gift, franchise, profit, excess profit, capital stock, corporate, or other similar tax payable by Lessor, its successors or assigns, unless such tax is made in lieu of or as a substitute for any tax, assessment or charge which is the obligation of Lessee under this Section 7.3. Lessee may, at its own expense and in its own name, in good faith contest any such taxes, assessments, and other charges and, in the event of any such contest, may permit the taxes, assessments or other charges



so contested to remain unpaid during the period of such contest and any appeal therefrom unless Lessor shall notify Lessee that, in its reasonable determination, the interest of Lessor in the Equipment could be materially endangered by nonpayment of any such items, in which event Lessee shall promptly pay such taxes, assessments and charges or provide Lessor with full security against any loss which may result from non-payment, in form reasonably satisfactory to Lessor.

Section 7.4. Advances. If Lessee shall fail to perform any of its obligations under this Article, Lessor may, but shall not be obligated to, take such action as may be necessary to cure such failure, including the advancement of money, and such advances shall be considered Additional Rental, and Lessee shall be obligated to repay all such advances on demand, with interest at the rate of eleven percent (11%) per annum or the maximum rate permitted by law, whichever is less, from the date of the advance to the date of repayment.

ARTICLE VIII

TITLE

Section 8.1. Title. During the Lease Term, and so long as Lessee is not in Default as provided in Article XII, legal title to the Equipment and any and all replacements, accessories, substitutions and modifications thereto shall be in Lessee. Upon termination of this Lease for any of the reasons specified in clauses (a) and (c) of Section 4.6., full and an encumbered legal title to the Equipment shall pass to Lessor, and Lessee shall have no further interest therein. In such event, Lessee shall execute and deliver to Lessor such documents as Lessor may request to evidence the passage of legal title to the Equipment to Lessor and the termination of Lessee's interest in the Equipment. Upon termination of this Lease for either of the reasons specified in clauses (b) and (d) Section 4.6, Lessor's security or other interest in the Equipment shall terminate, and Lessor shall execute and deliver to Lessee such documents as Lessee may request to evidence the termination of Lessor's interest in the Equipment.

Section 8.2. Security Interest. Lessor shall have and retain and Lessee hereby grants to Lessor, a security interest under the Uniform Commercial Code in the Equipment, the proceeds thereof and all, replacements, accessories, substitutions and modifications thereto in order to secure the Rental Payments and the other obligations of Lessee hereunder. Lessee will join with Lessor in executing such security agreements and financing statements or other documents and will perform such acts as Lessor may request to perfect such security interest in the Equipment. If requested by Lessor, Lessee shall conspicuously mark the Equipment and maintain such markings during the Lease Term, so as clearly to disclose Lessor's interest in the Equipment.

Section 8.3. Liens. During the Lease Term, Lessee shall not, directly or indirectly, create, incur, assume or suffer to exist any mortgage, pledge, lien, charge, encumbrance or claim on or with respect to the Equipment, other than the respective rights of Lessor and Lessee as herein



provided and Permitted Encumbrances. Except as expressly provided in Section 7.3 and this Article, Lessee shall promptly, at its own expense, take such action as may be necessary promptly to discharge or remove any such mortgage, pledge, lien, charge, encumbrance or claim if the same shall arise at any time. Lessee shall reimburse Lessor for any expense incurred by Lessor in order to discharge or remove any such mortgage, pledge, lien, charge, encumbrances or claim.

Section 8.4. Installation of Lessee's Equipment. Lessee may, at any time and from time to time, in its sale discretion and at its own expense, install other accessories and components upon the Equipment, which items shall be identified by tags or other symbols affixed thereto as property of Lessee. All such items so identified shall remain the sole property of Lessee, and may be modified or removed by Lessee at any time provided that Lessee shall repair and restore any and all damage to the Equipment resulting from the installation, modification or removal of any such items. Nothing in this Lease shall prevent Lessee from purchasing such accessories or components under a conditional sale or lease/purchase contract, or subject to a vendor's lien or security agreement, as security for the unpaid portion of the purchase price thereof, provided that no such lien or security interest shall attach to any part of the Equipment.

Section 8.5. Modification of Equipment.

(a) Lessee shall, at its own expense, have the right to make repairs, replacements, substitutions and modifications to all or any part of the Equipment, except that Lessee shall not be permitted to remove or disable safety features or devices. All such work and any part or component used or installed to make a repair or as a replacement, substitution or modification, shall thereafter comprise part of the Equipment and be subject to the provisions of this Lease. Such work shall not in any way damage the Equipment or cause it to be used for purposes other than those authorized under the provisions of State and Federal law or those contemplated by this Lease or result in a diminution of the value of the Equipment. Any property for which a replacement or substitution is made pursuant to this Section may be disposed of by Lessee.

(b) Lessee will not permit any mechanic's or other lien to be established or remain against the Equipment for labor or materials furnished in connection with any repair, replacement, substitution or modification of the Equipment; provided, that if any such lien is established and Lessee shall first notify Lessor of Lessee's intention to do so, Lessee may, in good faith, contest any lien filed or established against the Equipment, and, in such event, may permit the items so contested to remain undischarged and unsatisfied during the period of such contest and any appeal therefrom unless Lessor shall notify Lessee that, in its opinion, by nonpayment of any such item the interest of Lessor in the Equipment could be materially endangered or the Equipment or any part thereof could be subject to loss or forfeiture, in which event Lessee shall promptly pay and cause to be satisfied and discharged all such unpaid items or provide Lessor with full security against any such loss or forfeiture, in form reasonably



satisfactory to Lessor. Lessor will cooperate fully with Lessee in any such contest, upon the request and at the expense of Lessee.

Section 8.6. Personal Property. Lessor and Lessee agree that the Equipment is and shall at all times be and remain personal property notwithstanding that the Equipment or any part thereof may be or hereafter become in any manner affixed or attached to or embedded in or permanently rested upon real property or any building thereon or attached in any manner to what is permanent by means of cement, plaster, nails, bolts, screws or otherwise.

ARTICLE IX

EQUIPMENT WARRANTIES

Section 9.1. Selection of Equipment. Lessor and Lessee agree that this is a “finance lease” under Article 2A of the Uniform Commercial Code. The Equipment and the Contractor have been selected by Lessee, and Lessor has no responsibility in connection with the selection of the Equipment, its suitability for the use intended by Lessee, or any delay or failure to manufacture, deliver or install the Equipment for use by Lessee. Lessee authorizes Lessor to add the serial number(s) of the Equipment to Exhibit A when available.

Section 9.2. Installation and Maintenance of Equipment. Lessor shall have no obligation to install, erect, test, inspect, service or maintain the Equipment under any circumstances, but such actions shall be the obligation of Lessee or the Contractor.

Section 9.3. Contractor’s Warranties. To the extent it may legally do so, Lessor hereby assigns to Lessee during the Lease Term, all of its interest in all Contractor’s warranties and guarantees, express or implied, applicable to the Equipment, and Lessor hereby authorizes Lessee to obtain the customary services furnished in connection with such warranties and guarantees at Lessee’s expense.

Section 9.4. Patent Infringement. To the extent it may legally do so, Lessor hereby assigns to Lessee for and during the Lease Term of this Lease all of its interest in patent indemnity protection provided by any Contractor with respect to the Equipment. Such assignment of patent indemnity protection by Lessor to Lessee shall constitute the entire liability of Lessor for any patent infringement by Equipment furnished pursuant to this Lease.

Section 9.5. Disclaimer of Warranties. THE EQUIPMENT IS DELIVERED “AS IS”, AND LESSOR MAKES NO WARRANTY OR REPRESENTATION, EITHER EXPRESS OR IMPLIED, AS TO THE VALUE, DESIGN, CONDITION, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR FITNESS FOR THE USE CONTEMPLATED BY LESSEE OF THE EQUIPMENT, OR ANY OTHER REPRESENTATION OR WARRANTY WITH RESPECT TO THE EQUIPMENT. The Lessee



has entered into this Lease without representations or warranties with respect thereto on the part of the Lessor, its agents, representatives or employees other than those expressed herein.

ARTICLE X

OPTION TO PURCHASE

Section 10.1. When Available. Lessee shall have the exclusive right and option to purchase Lessor's interest in the Equipment on any Payment Date for the then applicable Purchase Option Price, but only if Lessee is not in Default under this Lease, and only in the manner provided in this Article.

Section 10.2. Exercise of Option. Lessee shall give notice to Lessor of its intention to exercise its option not less than thirty (30) days prior to the Payment Date on which the option is to be exercised and shall deposit with Lessor on the date of exercise an amount equal to an Rental Payments and any other amounts then due or past due and the applicable Purchase Option Price. The closing shall be on the Payment Date on which the option is to be exercised at the office of Lessor.

Section 10.3. Release of Lessor's Interest. Upon exercise of the Purchase Option by Lessee, Lessor shall conveyor release to Lessee all of its right, title and interest in and to the Equipment by delivery to Lessee of such documents as Lessee reasonably deems necessary for this purpose.

ARTICLE XI

ASSIGNMENT, SUBLEASING, MORTGAGING AND SELLING

Section 11.1. Assignment by Lessor. All of Lessor's right, title and/or interest in and to the Equipment, this Lease, the Rental Payments and other amounts due hereunder may be assigned and reassigned, in whole or in part, to one or more assignees or subassignee at any time, without the prior consent of Lessee. Such assignment shall not be effective with respect to Lessee unless and until Lessor shall have filed a copy or written notice thereof with Lessee.

Section 11.2. Assignment and Subleasing by Lessee. Neither this Lease nor Lessee's interest in the Equipment may be assigned transferred, mortgaged, or otherwise pledged by Lessee, in whole or in part, without the written consent of Lessor. However, the Equipment may be subleased by Lessee, in whole or in part, with the consent of Lessor and subject to compliance with each of the following conditions:

(a) This Lease and the obligation of Lessee to make Rental Payments hereunder shall remain obligations of Lessee.



- (b) The sublessee shall assume the obligations of Lessee hereunder to the extent of the interest subleased in form and substance satisfactory to Lessor.
- (c) Lessee shall, within thirty (30) days after the delivery thereof, furnish or cause to be furnished to Lessor a true and complete copy of such sublease.
- (d) No sublease by Lessee shall cause the Equipment to be used for a purpose other than a governmental function authorized under the provisions of the Constitution and laws of the State.
- (e) No sublease shall cause the Interest Component of the Rental Payments to become subject to federal income taxation.

ARTICLE XII

EVENTS OF DEFAULT AND REMEDIES

Section 12.1. Events of Default Defined. The following shall be “Events of Default” under this Lease and the terms “Events of Default” and “Default” shall mean, whenever used in this Lease with respect to the Equipment, anyone or more of the following events:

- (a) Failure by Lessee to pay any Rental Payment or other payment Lease within five days of the time specified herein.
- (b) Failure by Lessee to provide the insurance coverages required herein.
- (c) Failure by Lessee to observe and perform any covenant, condition or agreement (other than as referred to in Clauses (a) or (b) of this Section) on its part to be observed or performed, for a period of thirty (30) days after written notice specifying such failure and requesting that it be remedied has been given to Lessee by Lessor, unless Lessor shall agree in writing to an extension of such time prior to its expiration; provided, however, if the failure stated in the notice cannot be corrected within the applicable period, Lessor will not unreasonably withhold its consent to an extension of such time if corrective action is instituted by Lessee within the applicable period and diligently pursued until the Default is corrected.
- (d) The filing by Lessee of a voluntary petition in bankruptcy; the failure by Lessee promptly to lift any execution, garnishment or attachment of such consequence as would impair the ability of Lessee to carry on its governmental or proprietary function; the adjudication of Lessee as a bankrupt; the granting by Lessee of an assignment for the benefit of creditors; the entry by Lessee into an agreement of composition with creditors, or the approval by a court of competent jurisdiction of a petition applicable to Lessee in any proceedings instituted under the provisions of the United States Bankruptcy Code, as amended, or under any similar acts which may hereafter be enacted.



The provisions of this Section 12.1 and Section 12.2 are subject to the following limitation: if by reason of force majeure Lessee is unable, in whole or in part, to carry out its obligations under this Lease with respect to the Equipment, other than its obligation to pay Rental Payments with respect thereto which shall be paid when due notwithstanding the provisions of this paragraph, Lessee shall not be deemed in default during the continuance of such inability. The term "force majeure" as used herein shall mean, without limitation, the following: acts of God; strikes, lockouts or other labor disturbances; acts of public enemies; orders or restraints of any kind of the government of the United States of America or the State or their respective departments, agencies or officials, or any civil or military authority; insurrections; riots; landslides; earthquakes; fires; storms; droughts; floods; explosions; breakage or accident to machinery, transmission pipes or canals (excluding the Equipment); or any other cause or event not reasonably within the control of Lessee and not resulting from its negligence. Lessee agrees, however, to remedy with all reasonable dispatch the cause or causes preventing Lessee from carrying out its obligations under this Lease; provided that the settlement of strikes, lockouts and other labor disturbances shall be entirely within the discretion of Lessee and Lessee shall not be required to make settlement of strikes, lockouts and other labor disturbances by acceding to the demands of the opposing party or parties when such course is in the judgment of Lessee unfavorable to Lessee.

Section 12.2. Remedies on Default. Whenever any Event of Default referred to in Section 12.1 hereof shall have occurred and be continuing, Lessor shall have the right, at its option and without any further demand or notice, to take one or any combination of the following remedial steps:

(a) With or without terminating this Lease, declare all Rental Payments due or to become due to be immediately due and payable, whereupon such Rental Payments shall be immediately due and payable.

(b) With or without terminating this Lease, by written notice to the Lessee, request the Lessee to (and the Lessee agrees that it will), at the Lessee's expense, promptly return the Equipment to Lessor in the manner set forth in Section 12.3 hereof, or the Lessor, at its option, may (i) enter upon the premises where the Equipment is located and take immediate possession of and remove the same, (ii) require the Lessee to assemble the Equipment and make the Equipment available to the Lessor at a place to be designated by the Lessor which is reasonably convenient to both parties, and/or (iii) without removal, the Lessor may render the Equipment unuseable, and may sell or otherwise dispose of the Equipment on the Lessee's premises at a public or private sale with such sale to meet the requirements of a public or private sale with the application of the sale proceeds all as provided in Section 12.2(c). Lessee hereby expressly waives any damages occasioned by such repossession or other disposal of Equipment as provided in this paragraph (b). If the Equipment or any portion of it has been destroyed or damaged beyond repair, Lessee shall pay the applicable Purchase Option Price of the Equipment,



as set forth in Exhibit C (less credit for Net Proceeds), to Lessor. Notwithstanding the fact that Lessor has taken possession of the Equipment, Lessee shall continue to be responsible for the Rental Payments as and when due. If the Lease has not been terminated, Lessor shall return the Equipment to Lessee at Lessee's expense when the Event of Default is cured.

(c) If Lessor terminates this Lease and takes possession of the Equipment, Lessor shall use its best efforts promptly to sell the Equipment, as a unit or in parts, in a commercially reasonable manner at public or private sale in accordance with applicable laws. Lessor shall apply the proceeds of such sale to pay the following items in the following order: (1) all costs incurred in securing possession of the Equipment; (2) all expenses incurred in completing the sale; (3) the balance of any Rental Payments owed by Lessee through the date of termination; and (4) the Purchase Option Price.

(d) If the proceeds of sale of the Equipment are not sufficient to pay all amounts specified in Section 12.2(c)(1)-(3), Lessee shall be liable for the deficiency, and Lessor may take any other remedy available at law or in equity to require Lessee to perform its obligations hereunder.

Notwithstanding any other provision of this Section 12.2, Lessor shall be entitled to damages with respect to the Lease in an amount equal to, but not in excess of, the economic equivalent intended to be provided by Lessee's payment of the Rental Payments and/or Purchase Option Price provided for herein, as and when due, plus any amount necessary to compensate Lessee for all costs, fees and expenses incurred as a result of Lessee's default.

Section 12.3. Return of Equipment. Upon the expiration or termination of this Lease prior to the payment of all Rental Payments or the Purchase Option Price, Lessee shall return the Equipment to Lessor in the condition, repair, appearance and working order required in section 7.2, in the following manner as may be specified by Lessor: (a) by delivering the Equipment, at Lessee's cost and expense, to such place within the State as Lessor shall specify; or (b) by shipping the same, freight prepaid, to a place within the United States specified by Lessor. If Lessee fails to return the Equipment in the manner designated, Lessor may repossess the Equipment and charge Lessee with the costs of such repossession or pursue any remedy described in Section 12.2.

Section 12.4. No Remedy Exclusive.

(a) No remedy conferred upon or reserved to Lessor by this Article is intended to be exclusive, and every such remedy shall be cumulative and shall be in addition to every other remedy given under this Lease. Furthermore, the exercise of one remedy shall not impair the right of the Lessor or its assignee to any or all other remedies. If any statute or rule validly shall limit the remedies given to the Lessor or any assignee of the rights of the Lessor hereunder, the



Lessor or its assignee nevertheless shall be entitled to whatever remedies are allowable under any statute or rule of law.

(b) No delay or omission to exercise any right or power accruing upon any Default shall impair any such right or power nor shall it be construed to be a waiver thereof but any such right and power may be exercised from time to time and as often as may be deemed expedient by Lessor or its assignee.

Section 12.5. Agreement to Pay Attorneys' Fees and Expenses. In the event either party to this Lease should default under any of the provisions hereof, and the non-defaulting party should employ attorneys and/or incur other expenses for the collection of moneys or for the enforcement of any obligation or agreement of the defaulting party hereunder, the defaulting party agrees that it will, on demand, pay to the nondefaulting party the reasonable fees of such attorneys and/or such other reasonable expenses so incurred by the nondefaulting party.

Section 12.6. Waiver. The waiver by the Lessor of any breach by the Lessee, and the waiver by the Lessee of any breach by the Lessor of any term, covenant or condition hereof shall not operate as a waiver of any subsequent breach of the same or any other term, covenant or condition hereof.

ARTICLE XIII

ADMINISTRATIVE PROVISIONS

Section 13.1. Notices. All notices, certificates, legal opinions or other communications hereunder shall be given in writing and shall be sufficiently given and served when delivered or deposited in the United States mail, postage prepaid, to the addresses specified on the first page hereof or when given by hand to the offices named on this first page of this Lease, provided that Lessor and Lessee, by notice given hereunder, may designate in writing different addresses to which subsequent notices, certificates, legal opinions or other communications will be sent.

Section 13.2. Financial Information. During the Lease Term, within 180 days of Lessee's fiscal year end, Lessee will provide Lessor with current financial statements and such other financial information as may be requested by Lessor or its assignee.

Section 13.3. Binding Effect. This Lease shall inure to the benefit of and shall be binding upon Lessor and Lessee and their respective successors and assigns.

Section 13.4. Book Entry. The Lessor's interest in this Lease and any interest herein may be transferred only through a book entry system as prescribed by Section 149(a) of the Code, as the same may be amended from time to time. During the Lease Term, Lessee shall keep a complete and accurate record of all assignments and other transfers in form and substance necessary to comply with Section 149(a) of the Code. Upon assignment of Lessor's interest



herein, Lessor will cause written notice of such assignment to be sent to Lessee and, upon receipt of such notice of assignment, Lessee shall: (i) acknowledge the same in writing to Lessor; and (ii) record the assignment in Lessee's "book entry system" as that term is defined in Section 149(a) of the Code. No further action will be required by Lessor or by Lessee to evidence the assignment. No such assignment shall become effective without recordation of the assignment in said "book entry system."

Section 13.5. Severability.

(a) In the event any provision of this Lease shall be held invalid or unenforceable by any court of competent jurisdiction, such holding shall not invalidate or render unenforceable any other provision hereof.

(b) If for any reason this Lease is held by a court of competent jurisdiction void, voidable, or unenforceable by the Lessor or by the Lessee, or if for any reason it is held by such a court that any of the covenants and agreements of the Lessee hereunder, including the covenant to pay Rental Payments hereunder, is unenforceable for the full Lease Term, then and in such event for and in consideration of the right of the Lessee to possess, use and enjoy the Equipment, which right in such event is hereby granted, this Lease shall thereupon become and shall be deemed to be a lease from year to year under which the annual Rental Payment will be paid by the Lessee.

Section 13.6. Amendments, Changes and Modifications. This Lease may be amended or any of its terms modified only by written document duly authorized, executed and delivered by Lessor and Lessee.

Section 13.7. Captions. The captions or headings in this Lease are for convenience only and in no way define, limit or describe the scope or intent of any provision, Article, Section or Clause of this Lease.

Section 13.8. Further Assurances and Corrective Instruments. Lessor and Lessee agree that each will, from time to time, execute, acknowledge and deliver, or cause to be executed, acknowledged and delivered, such supplements hereto and such further instruments as may reasonably be required for correcting any inadequate or incorrect description of the Equipment, for indicating the Effective Date and for carrying out the expressed intention of this Lease.

Section 13.9. Execution in Counterparts. This Lease may be simultaneously executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

Section 13.10. Applicable Law. This Lease shall be governed by and construed in accordance with the laws of the State.



[signature page follows]



IN WITNESS WHEREOF, Lessor and Lessee have has caused this Lease to be executed by their duly authorized officers or officials as of the date first above written.

LESSOR

TRUSTMARK NATIONAL BANK, Lessor

By 
John Cooper
Its **Vice President**

LESSEE

City of Hattiesburg, Lessee

By 
Toby Barker
Its **Mayor**

List of Exhibits:

- A Equipment (See definitions and Section 9.1)
- B Schedule of Rental Payments (Section 5.2)
- C Schedule of Purchase Option Price
(See definition of Purchase Option Price and Section X)
- D Certificate of Acceptance (Section 2.1(g))
- E Opinion of Counsel (Section 2.1(h))
- F Federal Tax Certificate (Section 2.1(i))
- G Insurance Requirements (Section 6.1)



EXHIBIT A

EQUIPMENT

The Equipment which is the subject of the attached Lease-Purchase Agreement is as follows:

<u>Quantity</u>	<u>Description</u>	<u>Serial Number</u>
1	Ferrara Custom Pumper Fire Truck (See attached Invoice)	1F9454723HH140626



EXHIBIT B

SCHEDULE OF RENTAL PAYMENTS

Lessee: **City of Hattiesburg**
Commencement Date of Lease: **April 18, 2018**
Number and Frequency of Payments: **Eighty Four (84) Monthly Payments**

Rental Payment Schedule

<u>Due Date</u>	<u>Payment Number</u>	<u>Total Payment</u>	<u>Principal Component</u>	<u>Interest Component</u>
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See Attached
Schedule



Date: 4/18/2018
Deliver: 4/18/2018

Debt Service Schedule
City of Harrisburg

SLA 30/360 AM 7/6
BaseRate

Period	Coupon Date	Int Calc Day Count	Principal Payment	Effective Coupon Rate	Interest Payment	Credit Enhancement	Periodic Debt Service	Outstanding Balance
1	5/18/2018		4,733.78	2.83000	1,047.79		5,836.57	439,502.22
2	6/18/2018		4,800.08	2.83000	1,036.49		5,836.57	434,702.14
3	7/18/2018		4,811.40	2.83000	1,025.17		5,836.57	429,890.74
4	8/18/2018		4,822.74	2.83000	1,013.87		5,836.57	425,068.00
5	9/18/2018		4,834.12	2.83000	1,002.45		5,836.57	420,233.88
6	10/18/2018		4,845.52	2.83000	991.05		5,836.57	415,388.36
7	11/18/2018		4,856.95	2.83000	979.62		5,836.57	410,531.41
8	12/18/2018		4,868.40	2.83000	968.17		5,836.57	405,663.01
9	1/18/2019		4,879.88	2.83000	956.69		5,836.57	400,783.13
10	2/18/2019		4,891.39	2.83000	945.18		5,836.57	395,891.74
11	3/18/2019		4,902.93	2.83000	933.64		5,836.57	390,988.81
12	4/18/2019		4,914.49	2.83000	922.08		5,836.57	386,074.32
13	5/18/2019		4,926.08	2.83000	910.49		5,836.57	381,148.24
14	6/18/2019		4,937.70	2.83000	898.87		5,836.57	376,210.54
15	7/18/2019		4,949.34	2.83000	887.23		5,836.57	371,261.20
16	8/18/2019		4,961.01	2.83000	875.56		5,836.57	366,300.19
17	9/18/2019		4,972.71	2.83000	863.86		5,836.57	361,327.48
18	10/18/2019		4,984.44	2.83000	852.13		5,836.57	356,343.04
19	11/18/2019		4,996.19	2.83000	840.38		5,836.57	351,346.85
20	12/18/2019		5,007.98	2.83000	828.59		5,836.57	346,338.87
21	1/18/2020		5,019.79	2.83000	816.78		5,836.57	341,319.08
22	2/18/2020		5,031.63	2.83000	804.94		5,836.57	336,287.45
23	3/18/2020		5,043.49	2.83000	793.08		5,836.57	331,243.96
24	4/18/2020		5,055.39	2.83000	781.18		5,836.57	326,188.57
25	5/18/2020		5,067.31	2.83000	769.26		5,836.57	321,121.26
26	6/18/2020		5,079.26	2.83000	757.31		5,836.57	316,042.00
27	7/18/2020		5,091.24	2.83000	745.33		5,836.57	310,950.76
28	8/18/2020		5,103.24	2.83000	733.33		5,836.57	305,847.52
29	9/18/2020		5,115.28	2.83000	721.29		5,836.57	300,732.24
30	10/18/2020		5,127.34	2.83000	709.23		5,836.57	295,604.90
31	11/18/2020		5,139.44	2.83000	697.13		5,836.57	290,465.46
32	12/18/2020		5,151.56	2.83000	685.01		5,836.57	285,313.90
33	1/18/2021		5,163.70	2.83000	672.87		5,836.57	280,150.20
34	2/18/2021		5,175.88	2.83000	660.69		5,836.57	274,974.32
35	3/18/2021		5,188.09	2.83000	648.48		5,836.57	269,786.23
36	4/18/2021		5,200.32	2.83000	636.25		5,836.57	264,585.91
37	5/18/2021		5,212.59	2.83000	623.98		5,836.57	259,373.32
38	6/18/2021		5,224.88	2.83000	611.69		5,836.57	254,148.44
39	7/18/2021		5,237.20	2.83000	599.37		5,836.57	248,911.24
40	8/18/2021		5,249.55	2.83000	587.02		5,836.57	243,661.69
41	9/18/2021		5,261.93	2.83000	574.64		5,836.57	238,399.76
42	10/18/2021		5,274.34	2.83000	562.23		5,836.57	233,125.42
43	11/18/2021		5,286.78	2.83000	549.79		5,836.57	227,838.64
44	12/18/2021		5,299.25	2.83000	537.32		5,836.57	222,539.39
45	1/18/2022		5,311.75	2.83000	524.82		5,836.57	217,227.64
46	2/18/2022		5,324.27	2.83000	512.30		5,836.57	211,903.37
47	3/18/2022		5,336.83	2.83000	499.76		5,836.57	206,566.58
48	4/18/2022		5,349.42	2.83000	487.19		5,836.57	201,217.12
49	5/18/2022		5,362.03	2.83000	474.58		5,836.57	195,855.09
50	6/18/2022		5,374.68	2.83000	461.89		5,836.57	190,480.41
51	7/18/2022		5,387.35	2.83000	449.22		5,836.57	185,093.05
52	8/18/2022		5,400.06	2.83000	436.51		5,836.57	179,693.00
53	9/18/2022		5,412.79	2.83000	423.78		5,836.57	174,280.21

Prepared by: Jason McCoy
Prepared on: 4/18/2018 14:29 1692 Rpt 01j

City of Harrisburg
City of Harrisburg



* D - 8 0 0 5 - A 3 4 5 4 0 9 0 - F 2 7 3 3 5 0 2 5 - 4 0 2 6 3 - P 2 *

Date: 4/18/2018

Debt Service Schedule

2

Refund: 4/18/2018

City of Harrisburg

SLA 39160 AIO 7/6

ReamRack

Period	Coupon Date	Int Cnts Day Cnts	Principal Payment	Effective Coupon Rate	Interest Payment	Credit Enhancements	Periodic Debt Service	Outstanding Balance
54	10/18/2022		\$,425.56	2.83000	411.01		\$,836.57	168,854.65
55	11/18/2022		\$,438.35	2.83000	398.22		\$,836.57	163,416.30
56	12/18/2022		\$,451.18	2.83000	385.39		\$,836.57	157,965.12
57	1/18/2023		\$,464.04	2.83000	372.53		\$,836.57	152,501.68
58	2/18/2023		\$,476.92	2.83000	359.65		\$,836.57	147,024.16
59	3/18/2023		\$,489.84	2.83000	346.73		\$,836.57	141,534.32
60	4/18/2023		\$,502.79	2.83000	333.78		\$,836.57	136,031.53
61	5/18/2023		\$,515.76	2.83000	320.81		\$,836.57	130,515.77
62	6/18/2023		\$,528.77	2.83000	307.80		\$,836.57	124,987.00
63	7/18/2023		\$,541.81	2.83000	294.76		\$,836.57	119,445.19
64	8/18/2023		\$,554.88	2.83000	281.69		\$,836.57	113,890.33
65	9/18/2023		\$,567.98	2.83000	268.59		\$,836.57	108,322.35
66	10/18/2023		\$,581.11	2.83000	255.46		\$,836.57	102,741.22
67	11/18/2023		\$,594.27	2.83000	242.30		\$,836.57	97,146.95
68	12/18/2023		\$,607.47	2.83000	229.10		\$,836.57	91,539.48
69	1/18/2024		\$,620.69	2.83000	215.88		\$,836.57	85,918.79
70	2/18/2024		\$,633.95	2.83000	202.62		\$,836.57	80,284.84
71	3/18/2024		\$,647.23	2.83000	189.34		\$,836.57	74,637.43
72	4/18/2024		\$,660.53	2.83000	176.02		\$,836.57	68,977.66
73	5/18/2024		\$,673.90	2.83000	162.67		\$,836.57	63,303.16
74	6/18/2024		\$,687.28	2.83000	149.29		\$,836.57	57,615.88
75	7/18/2024		\$,700.69	2.83000	135.88		\$,836.57	51,915.19
76	8/18/2024		\$,714.14	2.83000	122.43		\$,836.57	46,201.03
77	9/18/2024		\$,727.61	2.83000	108.96		\$,836.57	40,473.44
78	10/18/2024		\$,741.12	2.83000	95.45		\$,836.57	34,732.32
79	11/18/2024		\$,754.66	2.83000	81.91		\$,836.57	28,977.66
80	12/18/2024		\$,768.23	2.83000	68.34		\$,836.57	23,209.43
81	1/18/2025		\$,781.83	2.83000	54.74		\$,836.57	17,427.60
82	2/18/2025		\$,795.47	2.83000	41.10		\$,836.57	11,632.13
83	3/18/2025		\$,809.14	2.83000	27.43		\$,836.57	5,822.99
84	4/18/2025		\$,822.99	2.83000	13.73		\$,836.72	0.00
84	Records "	84	\$444,291.00		\$45,981.03	\$0.00	\$499,272.03	

True Interest Cost (TIC)	2.8300000	Face Value of Bond Issue	\$444,291.00
Arbitrage Yield Limit (AYL)	0.0000000	Accrued Interest (+)	\$0.00
Average Life	3.8669984	Original Issue Premium/Discount (+)	\$0.00
		Underwriter Discount (+)	\$0.00
		Lump-sum credit enhancements (+)	\$0.00

Prepared by: Jason McCoy
Prepared on: 4/10/2018 14:29 1629 Apr 01/

When Due/Interest Maturity Date
CITY OF HARRISBURG



EXHIBIT C

SCHEDULE OF PURCHASE OPTION PRICE

<u>After Payment Number</u>	<u>Purchase Option Price</u>
Eighty Four (84) Monthly Payments	\$1.00



EXHIBIT D

CERTIFICATE OF ACCEPTANCE

I, the undersigned, hereby certify that I am the duly qualified and acting **Mayor** of the **City of Hattiesburg** ("Lessee"); and, with respect to the Lease-Purchase Agreement dated **April 18, 2018** (the "Lease"), by and between Lessee and Trustmark National Bank ("Lessor"), that:

1. The Equipment described in the Lease has been delivered and installed in accordance with Lessee's Specifications and has been accepted by Lessee.
2. The Rental Payments provided for in Exhibit B to the Lease shall commence and be due and payable on **May 18, 2018** and on the **18th day** of each month thereafter, in the amounts shown on Exhibit B to the Lease.
3. Lessee has appropriated and/or taken other lawful actions necessary to provide moneys sufficient to pay all Rental Payments required to be paid under the Lease during the current fiscal year of Lessee, and such moneys will be applied in payment of all Rental Payments due and payable during such current fiscal year.
4. Lessee has obtained from a reputable insurance company or self funded group qualified to do business in the State insurance with respect to all risks required to be covered thereby pursuant to Article VI of the Lease.
5. Lessee is exempt from all personal property taxes and is exempt from sales and/or use taxes with respect to the Equipment and the Rental Payments.
6. During the Term, the Equipment will be used by Lessee to perform essential governmental functions. Such functions are:

Operations related to public services in the **City Government**.

7. There is no litigation, action, suit or proceeding pending before any court, administrative agency, arbitrator or governmental body, or to the best of Lessee's knowledge, threatened, that challenges (a) the authority of Lessee or its officers or employees to enter into the Lease, (b) the proper authorization, approval and execution of the Lease and other documents contemplated thereby, (c) the appropriation of moneys sufficient to make Rental Payments coming due under the Lease in Lessee's current fiscal year, or (d) the ability of Lessee otherwise to perform its obligations under the Lease and the transactions contemplated thereby.

All capitalized terms used and not otherwise defined herein have the meanings ascribed to them in the Lease.

Dated: **April 18, 2018**

City of Hattiesburg

By 

Toby Barker

Its Mayor



EXHIBIT E

OPINION OF COUNSEL

Trustmark National Bank
One Trustmark Plaza
Hattiesburg, MS 39401

John Cooper, Vice President

Re: Lease-Purchase Agreement dated as of **April 18, 2018**, between Trustmark National Bank (“Lessor”) and the **City of Hattiesburg** (“Lessee”)

Gentlemen:

I have acted as counsel to Lessee with respect to the Lease-Purchase Agreement described above (the “Lease”) and various related matters, and, in this capacity, have reviewed a duplicate original or certified copy of the Lease and the Exhibits attached thereto. Based upon the examination of these and such other documents as I deem relevant, it is my opinion that:

1. Lessee is a political subdivision of the State of Mississippi (the “State”), duly organized, existing and operating under the constitution and laws of the State.
2. Lessee is authorized and has power under applicable law to enter into the Lease and to carry out its obligations thereunder and the transactions contemplated thereby.
3. The Lease has been duly authorized, approved, executed and delivered by and on behalf of Lessee, and is a valid and binding contract of Lessee, enforceable in accordance with its terms, except to the extent limited by applicable state and federal laws affecting the enforcement of creditors rights and remedies generally.
4. The authorization, approval and execution of the Lease and all other proceedings of Lessee relating to the transactions contemplated thereby have been performed in accordance with all applicable open meeting, public bidding and all other laws, rules and regulations of the State.
5. The execution of the Lease and the appropriation of moneys to pay the Rental Payments coming due thereunder do not result in the violation of any constitutional, statutory or other limitation relating to the manner, form or amount of indebtedness which may be incurred by Lessee.
6. There is no litigation, action, suit or proceeding pending before any court, administrative agency, arbitrator or governmental body or, to the best of my knowledge, threatened, that challenges the authority of Lessee or its officials, officers or employees to enter



into the Lease; the proper authorization, approval and/or execution of the Lease, Exhibits thereto and other documents contemplated thereby; the appropriation of moneys to make Rental Payments under the Lease for the current fiscal year of Lessee; or the ability of Lessee otherwise to perform its obligations under the Lease and the transactions contemplated thereby.

7.a. The Lease constitutes an obligation of the Lessee which is a political subdivision of the State of Mississippi within the meaning and for the purposes of Section 103 of the Internal Revenue Code of 1986, as amended (the "Code"), and Treasury Regulations and rulings thereunder.

b. Subject to the condition set forth in the immediately succeeding sentence, (a) the interest portion of the Lease Payments due under the Lease is excluded from gross income for federal income tax purposes, and (b) the Lease is not a "specified private activity bond" and the interest portion of the Lease Payments due under the Lease is not an item of tax preference for purposes of the federal alternative minimum tax imposed on individuals and corporations; however, with respect to corporations (as defined for federal income tax purposes), such interest is taken into account in determining adjusted current earnings for the purpose of computing the alternative minimum tax imposed on such corporations. The opinions set forth in the immediately preceding sentence are subject to the condition that the Lessee comply with all requirements of the Code, compliance with which subsequent to the execution and delivery of the Lease is necessary in order that interest portion of the Lease Payments due thereunder be, or continue to be, excluded from gross income for federal income tax purposes. The Lessee has covenanted to comply with each such requirement in a Federal Tax Certificate of even date herewith. Failure to comply with certain of such requirements may cause the inclusion of the interest portion of the Lease Payments in gross income for federal income tax purposes to be retroactive to the date of issuance and delivery of the Lease. We express no opinion regarding other federal tax consequences arising with respect to the Lease.

8. The interest portion of the Lease Payments due under the Lease is exempt from State of Mississippi income taxation.

9. The Lease is qualified tax-exempt obligation as such term is used in Section 265(b)(3) of the Internal Revenue Code of 1986.

Dated: April 18, 2018

Very truly yours,


Randy Pope



EXHIBIT F
LEASE AND OPTION TO PURCHASE DATED AS OF April 18, 2018
FEDERAL TAX CERTIFICATE

Pursuant to the U.S. Internal Revenue Code of 1986, as amended. ("Code") and regulations thereunder, I, the undersigned of the **City of Hattiesburg** (the "Lessee"), execute and deliver this certificate for the benefit of all persons interested in the exemption from federal income taxation of the interest to be paid on the Lease-Purchase Agreement (the "Lease") for the purchase of the equipment detailed in Exhibit A, attached hereto, between the Lessee and Trustmark National Bank, as lessor ("Lessor") dated and the tax treatment thereof under the Code.

This certificate may be relied upon as the certificate of the Lessee and is executed for the purpose of establishing the facts and reasonable expectations of the Lessee regarding the Lease. It is based upon facts, circumstances, estimates and expectations of the Lessee on the later to occur of the date on which the Certificate of Acceptance was executed and delivered or funds were disbursed by the Lessor in payment for the Equipment described therein (the "Closing Date"), and, to the best of my knowledge and belief, the expectations of the Lessee set forth herein are reasonable. I certify as follows:

1. I am the duly chosen, qualified and acting **Mayor** of the Lessee and as such I am charged with the responsibility for executing the Lease. I am familiar with the facts herein certified, and I am duly authorized to execute and deliver this certificate on behalf of the Lessee.
2. The Lessee has not been notified by the Internal Revenue Service of any listing or proposed listing of its disqualification as an issuer whose certification of its reasonable expectations as to future events on the date of issue of the Lease may not be relied upon by holders of obligations of the Lessee because it made a previous certification which contained a material misrepresentation.
3. The Lease is being issued for the purpose of acquiring the Equipment described in the Lease for use by the Lessee, a governmental use within the meaning of the Code, and is therefore not a private activity bond as such term is defined in the Code. The use of the Equipment by any person other than a governmental unit (including any activity carried on by a person other than a natural person) shall not exceed ten percent (10%) of the total use thereof.
4. The total cost of the Equipment (including the expenses of issuing the Lease) to be financed pursuant to the Lease is **\$444,291.00**. The balance, if any, of the Equipment costs will be provided by the Lessee from its own funds. The amount which the Lessee expects to receive pursuant to the Lease does not exceed the amount required for the aforementioned purpose.
5. The Lessor will acquire the Equipment from a vendor and will thereupon lease the Equipment to the Lessee pursuant to the Lease. The acquisition of the Equipment will not require



any construction.

6. The Lessee reasonably expects that on the Closing Date the funds needed to acquire the Equipment will be disbursed by the Lessor pursuant to the Lease, and the Lease will thereupon constitute the obligation of the Lessee to repay said funds. The total amount of advances by the Lessor shall not exceed **\$444,291.00**.

7. The Lessee does not expect the Equipment to be sold or otherwise disposed of, in whole or in part, or for any transaction or series of transactions to occur prior to the termination of the Lease which would enable the Lessee to allow the Lease to remain in force longer than would otherwise be necessary.

8. The Lessee reasonably expects that there will be no investment of money received by Lessee pursuant to the Lease and consequently no investment or reinvestment income therefrom.

9. The Lessee reasonably expects that no separate fund of the Lessee will be used to pay the Principal and Interest Components of the Rental Payments on the Lease.

10. The Lessee is a governmental unit or owned by a government unit with general taxing powers; no obligation of the Lessee pursuant to the Lease (the "Obligation") is a private activity bond (as defined in the Code); and ninety-five percent (95%) or more of the net proceeds of the Obligations are to be used for local governmental activities of the Lessee.

11. (a) The Lessee covenants and certifies to and for the benefit of the owners of the Obligations that it will neither take any action nor omit to take any action nor make any investment or use of the proceeds from the issue and sale of the Obligations, including amounts treated as proceeds, if any, which will cause the Obligations to be classified as arbitrage bonds within the meaning of Section 148 of the Code, as amended, supplemented or superseded, and any regulations as such may be applicable to the obligations, at the time of such action, investment or use.

(b) (i) The Lessee hereby determines and represents that no rebate relating to the Obligations will be required to be made under the Code. However, in the event it is subsequently determined for any reason that rebates should be made on the Obligations, then the Lessee shall take all actions necessary in order to comply with the requirements of Subsection 148(f) of the Code ("Subsection 148(f)") in order that none of the Obligations shall be treated as an arbitrage bonds pursuant to Subsection 148(f), including payment of all amounts, if any, required to be paid to the United States in accordance with and within the time limits prescribed in, the making of any and all calculations, computations and filings required pursuant to, and the maintenance of all such records as may be required pursuant to Subsection 148(f) and the Regulations, thereunder.

(ii) In the event it is determined that a rebate is required to the United States to avoid the Obligations being treated as arbitrage bonds under Subsection 148(f), then, in order to



assure that there will be funds available to make any payments required pursuant to Subsection 148(f), the Lessee shall establish a separate and special account of the Lessee (to be designated the Rebate Account) into which the Lessee shall deposit: on or before the 30th day following each bond year (as hereinafter defined), (A) an amount equal to the excess of all earnings on all non-purpose investments (within the meaning of Subsection 148(f)) over the amount which would have been earned if such non-purpose investments had been invested at a rate equal to the yield (computed in accordance with Subsection 148(f) on the Obligations which amounts shall be credited to a fund designated the Excess Income Fund; and (B) all amounts earned on amounts in the Rebate Account, which amounts shall be credited to a fund designated as the Rebate Account Earning Fund. Amounts in the Rebate Account shall be used solely and only to make payments of rebates to the United States as required pursuant to Subsection 148(f), provided that, if at any time the amount in the Rebate Account exceeds the amount which, together with all amounts previously paid to the United States with respect to the Obligations pursuant to Subsection 148(f), will equal the amount which would be required to be rebated to the United States as a result of earnings on non-purpose investments received during the period beginning on the date of delivery of the Obligations and ending on the date of computation, the Lessee may, in its discretion, withdraw such excess from the Rebate Account and apply such monies to the rental payments due under the Lease or, if all payments due on the Obligations shall have been paid in full, and all rebates to the United States payable pursuant to Subsection 148(f) shall have been paid in full, the Lessee may use the amount withdrawn for any purpose permitted under the applicable laws of the State of Mississippi.

(iii) As used above, the term "Bond Year" shall mean the one-year period beginning on the date of delivery of the Obligations and each succeeding one-year period beginning on the day succeeding the immediately preceding Bond Year, or shall have such other meaning based on facts and circumstances relating to the Obligations as shall be specified in the Subsection 148(f) Regulations.

(c) The Lessee shall not intentionally use any portion of the proceeds (within the meaning of Subsection 148(a) of the Code and any regulations promulgated pursuant thereto) of the Obligations to acquire higher yielding investments (as defined in Subsection 148(a) of the Code and all regulations promulgated pursuant thereto) or to replace funds which were used directly or indirectly to acquire higher yielding investments, except to the extent specifically permitted pursuant to Section 148 of the Code and any regulations promulgated thereunder,

(d) The Lessee shall not purchase or acquire any investment property with proceeds (within the meaning of Section 148 of the Code) of the Obligations in a manner or for a price which would cause any of the obligations to be or become an arbitrage bond, within the meaning of Section 148 of the Code and the regulations promulgated thereunder, including, without limitation, to the extent prescribed by applicable regulations, investments (regardless of yield) which do not comply with the provisions of any regulations intended to assure that obligations are acquired at their "market price."

(e) In connection with the delivery of the Obligations, the Lessee has not and will not engage in any transaction or series of transactions that attempts to circumvent the provisions



of section 148 of the Code and the Treasury Regulations issued thereunder or applicable thereto (a) enabling the Lessee to exploit the difference between tax-exempt and taxable interest rates to gain a material financial advantage. and (b) increasing the burden on the market for exempt obligations, including, without limitation, the delivery of obligations in the nature of the Obligations that would not otherwise be sold, the incurring of more obligations in the nature of the Obligations than would otherwise be necessary, or the incurring of such obligations sooner, or allowing them to remain outstanding longer, than would otherwise be necessary.

12. (a) The Obligation(s) are not private activity bonds within the meaning of Section 141 of the Code.

(b) No more than 10% of the proceeds of the Obligation(s) will be used, directly or indirectly, in a trade or business (within the meaning of Section 141 of the Code and including any activity carried on by any person other than a natural person) carried on by any person other than a governmental unit (within the meaning of Section 141 of the Code and specifically excluding the United States of America or any agency or instrumentality thereof).

(c) No more than 10% of any property with respect to which all or any part of the proceeds of the Obligation(s) will be used, directly or indirectly, in a trade or business (within the meaning of Section 141 of the Code and including any activity carried on by any person other than a natural person), other than a governmental unit (within the meaning of Section 141 of the Code and specifically excluding the United States of America or any agency or instrumentality thereof).

(d) None of the proceeds of the Obligation(s) will be used for any private business use (within the meaning of Section 141 of the Code) which is not related to a governmental use (within the meaning of Section 141 of the Code) of such proceeds.

(e) The amount of proceeds of the Obligation(s) used with respect to any private business use which is related to a governmental use of such proceeds will not exceed the amount of proceeds of the Obligation(s) which are to be used for the governmental use to which such private business use relates.

(f) None of the proceeds of the Obligation(s) will be used to make or finance loans for persons other than governmental units.

(g) In no event will the payment of the principal of or the interest on more than 10% of the proceeds of the Obligation(s) be (under the terms of the Lease or any underlying arrangement) directly or indirectly secured (within the meaning of Section 141 of the Code) by any interest in property used or to be used in a private business use or payments in respect to such property or to be derived from payments (whether or not to the Lessee) in respect of property or borrowed money used or to be used for a private business use. No party (other than a governmental unit) which shall use all or any part of the property acquired pursuant to the Lease shall make any payments to the Lessee which are in any way related to any property acquired pursuant to the Lease or in any other way related thereto, if the aggregate of all such payments



from all such private parties shall in any year equal or exceed 10% of the principal or interest portion of the Rental Payments under the Lease payable during such year, unless the Lessee shall have received an opinion of nationally recognized bond counsel to the effect that receipt of such payments will not adversely affect the exclusion of interest on the Lease from gross income for federal income tax purposes.

13. The Lessee covenants and certifies that there are no other obligations heretofore issued or to be issued by or on behalf of any state, territory or possession of the United States, or political subdivision of any of the foregoing, or of the District of Columbia, by or for the benefit of the Lessee, which (1) were or are to be sold at substantially the same time as the Obligation(s), (2) was or is to be sold at substantially the same interest rate as the Interest Component of the Rental Payments, (3) was or is to be sold pursuant to a common plan of marketing as the marketing plan for the Obligation(s), and (4) is payable directly or indirectly by the Lessee or from the source from which the Obligation(s) is payable. The Lessee covenants and certifies that there are no additional facts or circumstances which may further evidence that the Obligation(s) is part of any other issue of obligations.

14. The Lessee covenants and certifies that no payment of principal of or interest on the Obligation(s) is or will be guaranteed (in whole or in part, directly or indirectly) by the United States, or any agency or instrumentality thereof or any entity with statutory authority to borrow from the United States. The Lessee represents, warrants and covenants that none of the proceeds of the Obligation(s) will be: (a) used to make loans, the payment of principal of or interest on which is or will be guaranteed (in whole or in part, directly or indirectly) by the United States or any agency or instrumentality thereof or any entity with statutory authority to borrow from the United States, or (b) invested (directly or indirectly) in any deposit or account which is insured under federal law by the Federal Deposit Insurance Corporation, the Federal Savings and Loan Insurance Corporation, the National Credit Union Administration or any similar federally chartered corporation, other than: (i) the investment of the proceeds of the Obligations for an initial temporary period (within the meaning of subparagraph 3(B) of Subsection 149(b) of the Code) until such proceeds are needed for the purpose for which the Obligations are being issued; (ii) investments of a bona fide debt service fund (within the meaning of Subparagraph 3(B) of Subsection 149(b) of the Code); (iii) investments of a reserve which meets the requirements of Subsection 148(d) of the Code; (iv) investments in notes issued by the United States Treasury; (v) or other investments permitted under regulations promulgated by the Internal Revenue Service pursuant to Subsection 149(b) of the Code.

15. The Lessee covenants and certifies that, notwithstanding any provision of this Certificate or the rights of the Lessee hereunder, the Lessee will not take or permit to be taken on its behalf any action which would impair the exemption of interest on the Obligation(s) from federal income taxation, and it will take such reasonable action as may be necessary to continue such exemption, including, without limitation, the preparation and filing of any statements required to be filed by it in order to maintain such exemption.

All representations, warranties and covenants contained in the Lease are true and correct as of

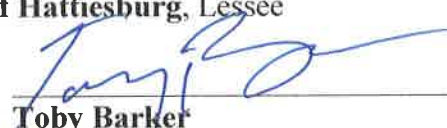


the date of this Certificate.

Dated as of the 18th day of April, 2018

City of Hattiesburg, Lessee

By:


Toby Barker

Its:

Mayor

ATTEST:

By:

Its:

(SEAL)



EXHIBIT G

INSURANCE REQUIREMENTS

Information Return for Tax-Exempt Governmental Obligations

► Under Internal Revenue Code section 149(e)

► See separate instructions.

Caution: If the issue price is under \$100,000, use Form 8038-GC.

OMB No. 1545-0720

Part I Reporting Authority		If Amended Return, check here ☐	
1 Issuer's name City of Hattiesburg		2 Issuer's employer identification number (EIN) 646000432	
3a Name of person (other than issuer) with whom the IRS may communicate about this return (see instructions) John Cooper		3b Telephone number of other person shown on 3a 601-583-5240	
4 Number and street (or P.O. box if mail is not delivered to street address) PO Box 1898	Room/suite	5 Report number (For IRS Use Only) 3	
6 City, town, or post office, state, and ZIP code Hattiesburg, MS 39403		7 Date of issue 04/18/2018	
8 Name of issue Trustmark National Bank		9 CUSIP number 64-0180810	
10a Name and title of officer or other employee of the issuer whom the IRS may call for more information (see instructions) Toby Barker, Mayor		10b Telephone number of officer or other employee shown on 10a 601-545-4680	

Part II Type of Issue (enter the issue price). See the instructions and attach schedule.	
11 Education	11
12 Health and hospital	12
13 Transportation	13
14 Public safety	14
15 Environment (including sewage bonds)	15
16 Housing	16
17 Utilities	17
18 Other. Describe ► Ferrara Custom Pumper Fire Truck	18 444,291 00
19 If obligations are TANs or RANs, check only box 19a	
If obligations are BANs, check only box 19b	
20 If obligations are in the form of a lease or installment sale, check box	

Part III Description of Obligations. Complete for the entire issue for which this form is being filed.					
	(a) Final maturity date	(b) Issue price	(c) Stated redemption price at maturity	(d) Weighted average maturity	(e) Yield
21	04/18/2023	\$ 444,291.00	\$	years	2.83 %

Part IV Uses of Proceeds of Bond Issue (including underwriters' discount)	
22 Proceeds used for accrued interest	22
23 Issue price of entire issue (enter amount from line 21, column (b))	23 444,291 00
24 Proceeds used for bond issuance costs (including underwriters' discount)	24
25 Proceeds used for credit enhancement	25
26 Proceeds allocated to reasonably required reserve or replacement fund	26
27 Proceeds used to currently refund prior issues	27
28 Proceeds used to advance refund prior issues	28
29 Total (add lines 24 through 28)	29 444,291 00
30 Nonrefunding proceeds of the issue (subtract line 29 from line 23 and enter amount here)	30

Part V Description of Refunded Bonds. Complete this part only for refunding bonds.	
31 Enter the remaining weighted average maturity of the bonds to be currently refunded	years
32 Enter the remaining weighted average maturity of the bonds to be advance refunded	years
33 Enter the last date on which the refunded bonds will be called (MM/DD/YYYY)	
34 Enter the date(s) the refunded bonds were issued ► (MM/DD/YYYY)	

Part VI Miscellaneous

- 35** Enter the amount of the state volume cap allocated to the issue under section 141(b)(5) **35**
- 36a** Enter the amount of gross proceeds invested or to be invested in a guaranteed investment contract (GIC) (see instructions) **36a**
- b** Enter the final maturity date of the GIC ▶ _____
- c** Enter the name of the GIC provider ▶ _____
- 37** Pooled financings: Enter the amount of the proceeds of this issue that are to be used to make loans to other governmental units **37**
- 38a** If this issue is a loan made from the proceeds of another tax-exempt issue, check box ☐ and enter the following information:
- b** Enter the date of the master pool obligation ▶ _____
- c** Enter the EIN of the issuer of the master pool obligation ▶ _____
- d** Enter the name of the issuer of the master pool obligation ▶ _____
- 39** If the issuer has designated the issue under section 265(b)(3)(B)(i)(III) (small issuer exception), check box ☐ ▶ ☐
- 40** If the issuer has elected to pay a penalty in lieu of arbitrage rebate, check box ☐ ▶ ☐
- 41a** If the issuer has identified a hedge, check here ☐ and enter the following information:
- b** Name of hedge provider ▶ _____
- c** Type of hedge ▶ _____
- d** Term of hedge ▶ _____
- 42** If the issuer has superintegrated the hedge, check box ☐ ▶ ☐
- 43** If the issuer has established written procedures to ensure that all nonqualified bonds of this issue are remediated according to the requirements under the Code and Regulations (see instructions), check box ☐ ▶ ☐
- 44** If the issuer has established written procedures to monitor the requirements of section 148, check box ☐ ▶ ☐
- 45a** If some portion of the proceeds was used to reimburse expenditures, check here ☐ and enter the amount of reimbursement ▶ _____
- b** Enter the date the official intent was adopted ▶ _____

Signature and Consent

Under penalties of perjury, I declare that I have examined this return and accompanying schedules and statements, and to the best of my knowledge and belief, they are true, correct, and complete. I further declare that I consent to the IRS's disclosure of the issuer's return information, as necessary to process this return, to the person that I have authorized above.

Signature of issuer's authorized representative

Date

Toby Barker, Mayor

Type or print name and title

Paid Preparer Use Only

Print/Type preparer's name

Preparer's signature

Date

Check ☐ if self-employed

PTIN

Firm's name ▶

Firm's EIN ▶

Firm's address ▶

Phone no. ▶



City of Hattiesburg, MS

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

Master

File Number: 2018-381

File ID: 2018-381

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 04/09/2018

Brief Title: Acknowledge bids received April 5, 2018, and Accept bid from C. B. Developers, Inc. for the COMSWIP Sewer Phase VIII - Camp Street Area project.

Final Action:

Minute Book Number: MB2018-108

Title:

Acknowledge receipt of bids received on April 5, 2018 for the Comprehensive Sewer/Water Improvements Phase VIII - Camp Street Area project and accept the bid from C. B. Developers, Inc. in the amount of \$3,721,611.76 as the lowest and best bid; Authorize Mayor to execute contracts upon preparation.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: VI.-5

Sponsors:

Enactment Date:

Attachments: Certified Bid Tab, 1273S010_Plans_Street Ready Set_Signed_2018-02-12, 1273-S010_Specs_Review Set_2018_02_12

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018					

Text of Legislative File 2018-381

Title

Acknowledge receipt of bids received on April 5, 2018 for the Comprehensive Sewer/Water Improvements Phase VIII - Camp Street Area project and accept the bid from C. B. Developers, Inc. in the amount of \$3,721,611.76 as the lowest and best bid; Authorize Mayor to execute contracts upon preparation.

Summary

Acknowledge bids received April 5, 2018, and Accept bid from C. B. Developers, Inc. for the COMSWIP Sewer Phase VIII - Camp Street Area project.

Budget Information

093695.7220.70 2016 Water/Sewer Bonds

Expenditure Type

Regular Budget

Purchasing Item

Sealed Bid



Engineering Progress

April 5 2018

City of Hattiesburg
Post Office Box 1898
Hattiesburg MS 39403-1898

Attn: Lamar Rutland, P.E.

**RE: Comprehensive Sewer/Water Improvements Ph VIII –
Camp Street Area
City of Hattiesburg**

Dear Mr. Rutland:

I have certified the enclosed bid tabulation that represents all bids that were received and opened at 10:00 a.m. on April 5, 2018 for the above referenced project.

I am recommending C.B. Developers, Inc. of Hattiesburg, MS in the bid amount of Three Million, Seven Hundred Twenty-One Thousand, Six Hundred Eleven Dollars and Seventy-Six Cents (\$3,721,611.76).

Enclosed is a copy of the original bid from C.B. Developers, Inc. and the original bids from all other bidders.

Should you have any questions and/or comments, please, do not hesitate to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read 'John T. Weeks', is written over the typed name.

John T. Weeks, P.E.
Project Engineer

/aa
Enclosures

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

BID TAB Project: Comprehensive Sewer/Water Improvements - Phase VIII Project No. 1273-S010 April 5, 2018				C.B. Developers, Inc. 1716 Evelyn Gandy Pkwy, Suite 40 Hattiesburg, MS 39401		DNA Underground, LLC 16101 S Swan Road Gulfport, MS 39503		Grady Crawford Construction Co. P.O. Box 967 Baton Rouge, LA 70821		Hemphill Construction Company P.O. Box 879 Florence, MS 39073	
BASE BID											
Item No.	Item Description	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
	Sewer Pipe Items										
1	8" SDR 26 PVC Sewer Pipe (0'- 6')	2,109	LF	\$48.54	\$102,370.86	\$36.00	\$75,924.00	\$35.86	\$75,628.74	\$56.00	\$118,104.00
2	8" SDR 26 PVC Sewer Pipe (6'- 8')	5,576	LF	\$50.96	\$284,152.96	\$38.00	\$211,888.00	\$42.00	\$234,192.00	\$57.00	\$317,832.00
3	8" SDR 26 PVC Sewer Pipe (8'- 10')	2,961	LF	\$53.38	\$158,058.18	\$40.00	\$118,440.00	\$46.00	\$136,206.00	\$60.00	\$177,660.00
4	8" SDR 26 PVC Sewer Pipe (10'- 12')	863	LF	\$55.81	\$48,164.03	\$44.00	\$37,972.00	\$60.59	\$52,289.17	\$68.00	\$58,684.00
5	8" SDR 26 PVC Sewer Pipe (12'- 14')	249	LF	\$59.44	\$14,800.56	\$48.00	\$11,952.00	\$73.00	\$18,177.00	\$72.00	\$17,928.00
6	10" SDR 26 PVC Sewer Pipe (0'- 6')	25	LF	\$51.64	\$1,291.00	\$36.00	\$900.00	\$56.00	\$1,400.00	\$85.00	\$2,125.00
7	10" SDR 26 PVC Sewer Pipe (6'- 8')	351	LF	\$54.06	\$18,975.06	\$38.00	\$13,338.00	\$64.67	\$22,699.17	\$87.00	\$30,537.00
8	10" SDR 26 PVC Sewer Pipe (8'- 10')	325	LF	\$56.48	\$18,356.00	\$42.00	\$13,650.00	\$97.63	\$31,729.75	\$89.00	\$28,925.00
9	10" SDR 26 PVC Sewer Pipe (10'- 12')	239	LF	\$58.91	\$14,079.49	\$44.00	\$10,516.00	\$138.80	\$33,173.20	\$98.00	\$23,422.00
10	10" SDR 26 PVC Sewer Pipe (12'- 14')	130	LF	\$62.54	\$8,130.20	\$48.00	\$6,240.00	\$221.00	\$28,730.00	\$103.00	\$13,390.00
11	10" SDR 26 PVC Sewer Pipe (14'- 16')	67	LF	\$78.28	\$5,244.76	\$60.00	\$4,020.00	\$324.00	\$21,708.00	\$108.00	\$7,236.00
12	8" Ductile Iron Sewer Pipe (0'- 6')	384	LF	\$79.57	\$30,554.88	\$75.00	\$28,800.00	\$66.00	\$25,344.00	\$91.00	\$34,944.00
13	8" Ductile Iron Sewer Pipe (6'- 8')	20	LF	\$89.26	\$1,785.20	\$85.00	\$1,700.00	\$72.00	\$1,440.00	\$93.00	\$1,860.00
14	10" Ductile Iron Sewer Pipe (0'- 6')	25	LF	\$105.96	\$2,649.00	\$85.00	\$2,125.00	\$91.00	\$2,275.00	\$127.00	\$3,175.00
15	10" Ductile Iron Sewer Pipe (6'- 8')	30	LF	\$109.59	\$3,287.70	\$90.00	\$2,700.00	\$99.00	\$2,970.00	\$127.00	\$3,810.00
16	Removal of Existing Sewer Line	10,650	LF	\$3.63	\$38,659.50	\$2.00	\$21,300.00	\$7.50	\$79,875.00	\$3.00	\$31,950.00
17	Abandonment of Existing Sewer Line (All Sizes)	3,220	LF	\$6.67	\$21,477.40	\$4.00	\$12,880.00	\$6.50	\$20,930.00	\$4.50	\$14,490.00

BID TAB Project: Comprehensive Sewer/Water Improvements - Phase VIII Project No. 1273-S010				April 5, 2018 C.B. Developers, Inc. 1716 Evelyn Gandy Pkwy, Suite 40 Hattiesburg, MS 39401		DNA Underground, LLC 16101 S Swan Road Gulfport, MS 39503		Grady Crawford Construction Co. P.O. Box 967 Baton Rouge, LA 70821		Hemphill Construction Company P.O. Box 879 Florence, MS 39073	
BASE BID											
18	Tracer Wire System for Sewer	19153	LF	\$1.44	\$27,580.32	\$1.00	\$19,153.00	\$0.30	\$5,745.90	\$1.50	\$28,729.50
	Sewer Manhole Items										
19	48" Precast Concrete Sewer Manhole (0' - 6')	6	EA	\$2,339.80	\$14,038.80	\$4,000.00	\$24,000.00	\$2,450.00	\$14,700.00	\$2,400.00	\$14,400.00
20	48" Precast Concrete Sewer Manhole (6' - 8')	32	EA	\$3,040.17	\$97,285.44	\$4,000.00	\$128,000.00	\$2,900.00	\$92,800.00	\$2,800.00	\$89,600.00
21	48" Precast Concrete Sewer Manhole (8' - 10')	8	EA	\$3,491.71	\$27,933.68	\$4,200.00	\$33,600.00	\$3,675.00	\$29,400.00	\$3,200.00	\$25,600.00
22	48" Precast Concrete Sewer Manhole (10' - 12')	1	EA	\$4,051.04	\$4,051.04	\$4,400.00	\$4,400.00	\$5,440.00	\$5,440.00	\$3,700.00	\$3,700.00
23	48" Precast Concrete Sewer Manhole (12' - 14')	3	EA	\$4,025.31	\$12,075.93	\$4,600.00	\$13,800.00	\$7,225.00	\$21,675.00	\$4,200.00	\$12,600.00
24	48" Precast Concrete Sewer Manhole (0' - 6') (Flat Top)	3	EA	\$3,553.84	\$10,661.52	\$4,200.00	\$12,600.00	\$2,575.00	\$7,725.00	\$3,000.00	\$9,000.00
25	60" Precast Concrete Sewer Manhole (0' - 6')	1	EA	\$4,502.46	\$4,502.46	\$4,200.00	\$4,200.00	\$3,865.00	\$3,865.00	\$3,200.00	\$3,200.00
26	60" Precast Concrete Sewer Manhole (6' - 8')	1	EA	\$5,058.41	\$5,058.41	\$4,500.00	\$4,500.00	\$5,100.00	\$5,100.00	\$4,000.00	\$4,000.00
27	60" Precast Concrete Sewer Manhole (8' - 10')	1	EA	\$5,419.09	\$5,419.09	\$4,800.00	\$4,800.00	\$6,250.00	\$6,250.00	\$4,500.00	\$4,500.00
28	60" Precast Concrete Sewer Manhole (10' - 12')	1	EA	\$6,342.23	\$6,342.23	\$5,000.00	\$5,000.00	\$8,150.00	\$8,150.00	\$5,100.00	\$5,100.00
29	60" Precast Concrete Sewer Manhole (6' - 8') (Doghouse)	2	EA	\$6,620.27	\$13,240.54	\$5,000.00	\$10,000.00	\$7,350.00	\$14,700.00	\$4,500.00	\$9,000.00
30	72" Precast Concrete Splitter Sewer Manhole (10' - 12') (Doghouse)	1	EA	\$9,100.91	\$9,100.91	\$10,000.00	\$10,000.00	\$17,750.00	\$17,750.00	\$17,000.00	\$17,000.00
31	Demolition and Removal of Existing Manholes (All Types)	35	EA	\$302.70	\$10,594.50	\$300.00	\$10,500.00	\$750.00	\$26,250.00	\$250.00	\$8,750.00
32	Abandonment of Existing Manhole	12	EA	\$393.51	\$4,722.12	\$200.00	\$2,400.00	\$400.00	\$4,800.00	\$700.00	\$8,400.00
33	Drop Manhole Assembly (All Depths)	1	EA	\$2,674.73	\$2,674.73	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$1,600.00	\$1,600.00

BID TAB Project: Comprehensive Sewer/Water Improvements - Phase VIII Project No. 1273-S010 April 5, 2018				C.B. Developers, Inc. 1716 Evelyn Gandy Pkwy, Suite 40 Hattiesburg, MS 39401		DNA Underground, LLC 16101 S Swan Road Gulfport, MS 39503		Grady Crawford Construction Co. P.O. Box 967 Baton Rouge, LA 70821		Hemphill Construction Company P.O. Box 879 Florence, MS 39073	
BASE BID											
	Sewer Service Items										
34	4" Sanitary Sewer Service Cleanout	231	EA	\$375.31	\$86,696.61	\$400.00	\$92,400.00	\$365.00	\$84,315.00	\$500.00	\$115,500.00
35	4" SDR 26 PVC Pipe Sanitary Sewer Service (Incl Fittings)	316	LF	\$39.97	\$12,630.52	\$20.00	\$6,320.00	\$35.00	\$11,060.00	\$40.00	\$12,640.00
36	6" SDR 26 PVC Pipe Sanitary Sewer Service (Incl Fittings)	3,792	LF	\$27.33	\$103,635.36	\$20.00	\$75,840.00	\$35.00	\$132,720.00	\$42.00	\$159,264.00
37	8"x8"x6" PVC Service Tee	203	EA	\$191.79	\$38,933.37	\$150.00	\$30,450.00	\$145.00	\$29,435.00	\$150.00	\$30,450.00
38	10"x10"x6" PVC Service Tee	20	EA	\$417.00	\$8,340.00	\$350.00	\$7,000.00	\$390.00	\$7,800.00	\$300.00	\$6,000.00
39	8"x8"x6" Ductile Iron Service Tee	5	EA	\$825.41	\$4,127.05	\$900.00	\$4,500.00	\$950.00	\$4,750.00	\$650.00	\$3,250.00
	Water Pipe Items										
40	2" & Under 150 PSI PVC Water Pipe for Connections (Open Cut)	40	Lin. Ft.	\$13.39	\$535.60	\$45.00	\$1,800.00	\$20.00	\$800.00	\$49.00	\$1,960.00
41	6" Class 350 Ductile Iron Water Pipe (Open Cut)	8,340	Lin. Ft.	\$26.87	\$224,095.80	\$30.00	\$250,200.00	\$24.50	\$204,330.00	\$60.00	\$500,400.00
42	8" Class 350 Ductile Iron Water Pipe (Open Cut)	4,680	Lin. Ft.	\$32.38	\$151,538.40	\$34.00	\$159,120.00	\$33.50	\$156,780.00	\$63.00	\$294,840.00
43	8" 200 PSI, DR9, HDPE (Directional Bore) (Incl. adapter fittings)	500	Lin. Ft.	\$52.33	\$26,165.00	\$100.00	\$50,000.00	\$77.00	\$38,500.00	\$116.00	\$58,000.00
44	10" 200 PSI, DR9, HDPE (Directional Bore) (Incl. adapter fittings)	360	Lin. Ft.	\$67.53	\$24,310.80	\$110.00	\$39,600.00	\$93.00	\$33,480.00	\$134.00	\$48,240.00
45	Tracer Wire System for Water	22,864	LF	\$1.33	\$30,409.12	\$1.00	\$22,864.00	\$0.30	\$6,859.20	\$1.85	\$42,298.40
	Water Connection Items										
46	Cut and Cap Existing Water Line in Place	6	Each	\$644.87	\$3,869.22	\$1,200.00	\$7,200.00	\$400.00	\$2,400.00	\$1,000.00	\$6,000.00
47	Connection: Proposed 6" to Existing 2" (Straight - Reducer and Coupling)	1	Each	\$1,038.87	\$1,038.87	\$4,500.00	\$4,500.00	\$585.00	\$585.00	\$1,150.00	\$1,150.00
48	Connection: Proposed 6" to Existing 6" (Straight - Coupling)	2	Each	\$1,006.18	\$2,012.36	\$4,500.00	\$9,000.00	\$785.00	\$1,570.00	\$1,300.00	\$2,600.00
49	Connection: Proposed 6" to Existing 6" (Tee & other fittings)	3	Each	\$1,549.82	\$4,649.46	\$4,500.00	\$13,500.00	\$1,266.00	\$3,798.00	\$3,800.00	\$11,400.00

BID TAB Project: Comprehensive Sewer/Water Improvements - Phase VIII Project No. 1273-S010 April 5, 2018				C.B. Developers, Inc. 1716 Evelyn Gandy Pkwy, Suite 40 Hattiesburg, MS 39401		DNA Underground, LLC 16101 S Swan Road Gulfport, MS 39503		Grady Crawford Construction Co. P.O. Box 967 Baton Rouge, LA 70821		Hemphill Construction Company P.O. Box 879 Florence, MS 39073	
BASE BID											
50	Connection: Proposed 6" to Existing 6" (Hot Tap w/ Valve Assembly)	8	Each	\$3,500.42	\$28,003.36	\$5,500.00	\$44,000.00	\$3,000.00	\$24,000.00	\$4,900.00	\$39,200.00
51	Connection: Proposed 6" to Existing 12" (Hot Tap w/ Valve Assembly)	2	Each	\$4,419.42	\$8,838.84	\$7,500.00	\$15,000.00	\$3,150.00	\$6,300.00	\$5,000.00	\$10,000.00
52	Connection: Proposed 6" to Proposed 6" (Tee & other fittings)	1	Each	\$934.74	\$934.74	\$6,000.00	\$6,000.00	\$1,075.00	\$1,075.00	\$2,400.00	\$2,400.00
53	Connection: Proposed 8" to Existing 6" (Tee & other fittings)	11	Each	\$1,657.59	\$18,233.49	\$5,500.00	\$60,500.00	\$1,650.00	\$18,150.00	\$2,400.00	\$26,400.00
54	Connection: Proposed 8" to Existing 6" (Hot Tap w/ Valve Assembly)	1	Each	\$4,269.28	\$4,269.28	\$5,500.00	\$5,500.00	\$3,500.00	\$3,500.00	\$4,600.00	\$4,600.00
55	Connection: Proposed 8" to Existing 8" (Hot Tap w/ Valve Assembly)	1	Each	\$4,881.95	\$4,881.95	\$5,500.00	\$5,500.00	\$3,800.00	\$3,800.00	\$4,900.00	\$4,900.00
56	Connection: Proposed 8" to Existing 12" (Hot Tap w/ Valve Assembly)	3	Each	\$6,336.12	\$19,008.36	\$6,000.00	\$18,000.00	\$4,000.00	\$12,000.00	\$4,900.00	\$14,700.00
57	Connection: Proposed 8" to Proposed 6" (Tee & other fittings)	5	Each	\$1,129.68	\$5,648.40	\$5,500.00	\$27,500.00	\$1,365.00	\$6,825.00	\$1,950.00	\$9,750.00
58	Connection: Proposed 8" to Proposed 8" (Tee & other fittings)	3	Each	\$1,145.42	\$3,436.26	\$5,000.00	\$15,000.00	\$1,400.00	\$4,200.00	\$2,600.00	\$7,800.00
	Water Valve Items										
59	6" Gate Valve	27	Each	\$870.57	\$23,505.39	\$900.00	\$24,300.00	\$1,880.00	\$50,760.00	\$950.00	\$25,650.00
60	8" Gate Valve	22	Each	\$1,162.37	\$25,572.14	\$1,100.00	\$24,200.00	\$2,650.00	\$58,300.00	\$1,350.00	\$29,700.00
	Water Fire Protection Items										
61	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	16	Each	\$3,703.84	\$59,261.44	\$4,000.00	\$64,000.00	\$3,925.00	\$62,800.00	\$4,500.00	\$72,000.00
62	Removal of Existing Fire Hydrant	9	Each	\$787.02	\$7,083.18	\$400.00	\$3,600.00	\$500.00	\$4,500.00	\$600.00	\$5,400.00
	Water Service Items										
63	Service Tap (3/4") (Incl: Tapping Saddle, Corp Stop, etc)	242	Each	\$412.88	\$99,916.96	\$375.00	\$90,750.00	\$350.00	\$84,700.00	\$360.00	\$87,120.00
64	Service Tap (1") (Incl: Tapping Saddle, Corp Stop, etc)	33	Each	\$760.38	\$25,092.54	\$400.00	\$13,200.00	\$550.00	\$18,150.00	\$490.00	\$16,170.00
65	Service Tubing (Open Cut) (3/4")	1,985	LF	\$6.28	\$12,465.80	\$10.00	\$19,850.00	\$20.00	\$39,700.00	\$8.75	\$17,368.75

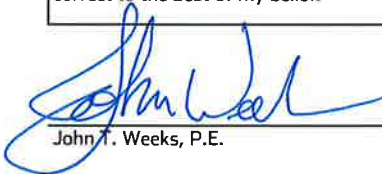
BID TAB Project: Comprehensive Sewer/Water Improvements - Phase VIII Project No. 1273-S010				April 5, 2018 C.B. Developers, Inc. 1716 Evelyn Gandy Pkwy, Suite 40 Hattiesburg, MS 39401		DNA Underground, LLC 16101 S Swan Road Gulfport, MS 39503		Grady Crawford Construction Co. P.O. Box 967 Baton Rouge, LA 70821		Hemphill Construction Company P.O. Box 879 Florence, MS 39073	
BASE BID											
66	Service Tubing (Bored) (1")	400	LF	\$6.41	\$2,564.00	\$10.00	\$4,000.00	\$20.00	\$8,000.00	\$9.00	\$3,600.00
67	Service Tubing (Bored) (3/4)	4,080	LF	\$9.92	\$40,473.60	\$20.00	\$81,600.00	\$24.00	\$97,920.00	\$9.00	\$36,720.00
68	Service Tubing (Bored) (1")	400	LF	\$10.04	\$4,016.00	\$20.00	\$8,000.00	\$24.00	\$9,600.00	\$9.50	\$3,800.00
69	Water Service Meter (3/4")	13	Each	\$440.65	\$5,728.45	\$650.00	\$8,450.00	\$455.00	\$5,915.00	\$400.00	\$5,200.00
70	Water Service Meter (1")	2	Each	\$652.32	\$1,304.64	\$800.00	\$1,600.00	\$1,000.00	\$2,000.00	\$700.00	\$1,400.00
	Miscellaneous Construction Items										
71	Crushed Aggregate (Size 610)	5,097	Ton	\$49.58	\$252,709.26	\$50.00	\$254,850.00	\$50.00	\$254,850.00	\$74.00	\$377,178.00
72	Select Fill Material (Class 9, Group C), LVM	23,770	CY	\$7.68	\$182,553.60	\$8.00	\$190,160.00	\$14.00	\$332,780.00	\$27.00	\$641,790.00
73	Concrete Pavement Repair (All Depths)	1,062	SY	\$65.38	\$69,433.56	\$75.00	\$79,650.00	\$85.00	\$90,270.00	\$85.00	\$90,270.00
74	Hardy Street Roadway Repair (Special Construction)	50	SY	\$332.97	\$16,648.50	\$400.00	\$20,000.00	\$36.00	\$1,800.00	\$175.00	\$8,750.00
75	9.5mm Hot Mix Asphalt	1,652	Ton	\$133.94	\$221,268.88	\$172.00	\$284,144.00	\$177.00	\$292,404.00	\$125.00	\$206,500.00
76	19mm Hot Mix Asphalt	1,273	Ton	\$173.59	\$220,980.07	\$210.00	\$267,330.00	\$165.00	\$210,045.00	\$225.00	\$286,425.00
77	Concrete Sidewalk Repair (All Depths)	55	SY	\$66.59	\$3,662.45	\$75.00	\$4,125.00	\$45.00	\$2,475.00	\$80.00	\$4,400.00
78	Concrete Curb & Gutter (Match Existing Type)	370	LF	\$96.86	\$35,838.20	\$26.00	\$9,620.00	\$25.00	\$9,250.00	\$50.00	\$18,500.00
79	Concrete Ditch Repair	95	SF	\$26.64	\$2,530.80	\$20.00	\$1,900.00	\$50.00	\$4,750.00	\$23.00	\$2,185.00
80	Class "B" Concrete, Minor Structures	10	CY	\$1,816.20	\$18,162.00	\$1,100.00	\$11,000.00	\$459.00	\$4,590.00	\$1,500.00	\$15,000.00
81	Reinforcing Steel	470	LBS	\$4.18	\$1,964.60	\$3.00	\$1,410.00	\$2.00	\$940.00	\$1.25	\$587.50
82	Inlet Gratings	765	LBS	\$6.87	\$5,255.55	\$6.00	\$4,590.00	\$6.00	\$4,590.00	\$4.00	\$3,060.00
83	Inlet Castings	79	LBS	\$6.20	\$489.80	\$6.00	\$474.00	\$6.00	\$474.00	\$3.00	\$237.00
84	12" Corrugated HDPE Pipe (Dual Wall)	64	LF	\$25.55	\$1,635.20	\$40.00	\$2,560.00	\$36.59	\$2,341.76	\$35.00	\$2,240.00
85	15" Corrugated HDPE Pipe (Dual Wall)	20	LF	\$40.48	\$809.60	\$50.00	\$1,000.00	\$55.50	\$1,110.00	\$38.00	\$760.00

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BASE BID													
86	12" Reinforced Concrete Pipe (Class III) (Rubber Gaskets)	32	LF	\$30.83	\$986.56	\$45.00	\$1,440.00	\$43.75	\$1,400.00	\$53.00	\$1,696.00		
87	15" Reinforced Concrete Pipe (Class III) (Rubber Gaskets)	370	LF	\$27.86	\$10,308.20	\$45.00	\$16,650.00	\$59.50	\$22,015.00	\$54.00	\$19,980.00		
88	18" Reinforced Concrete Pipe (Class III) (Rubber Gaskets)	210	LF	\$32.66	\$6,858.60	\$55.00	\$11,550.00	\$80.00	\$16,800.00	\$58.00	\$12,180.00		
89	18"x11" Reinforced Concrete Arch Pipe (Class III) (Plastic Gaskets)	76	LF	\$50.08	\$3,806.08	\$75.00	\$5,700.00	\$22.00	\$1,672.00	\$50.00	\$3,800.00		
90	Removal of Existing Pipe Cross Drains (All Sizes and Depths)	750	LF	\$2.42	\$1,815.00	\$20.00	\$15,000.00	\$10.00	\$7,500.00	\$23.00	\$17,250.00		
91	Removal of Existing Corrugated HDPE Pipe (All Sizes and Depths) and Reset	20	LF	\$18.16	\$363.20	\$50.00	\$1,000.00	\$10.00	\$200.00	\$29.00	\$580.00		
92	Remove, Salvage and Reset Existing Wood Fence	335	LF	\$24.22	\$8,113.70	\$30.00	\$10,050.00	\$15.00	\$5,025.00	\$28.00	\$9,380.00		
93	Remove, Salvage and Reset Existing Net Wire Fence	185	LF	\$12.11	\$2,240.35	\$35.00	\$6,475.00	\$15.00	\$2,775.00	\$13.00	\$2,405.00		
94	Remove, Salvage and Reset Existing Chain Link Fence	1,435	LF	\$14.53	\$20,850.55	\$30.00	\$43,050.00	\$15.00	\$21,525.00	\$15.00	\$21,525.00		
95	6" Yellow Thermoplastic Detail Traffic Stripe	1,550	LF	\$2.42	\$3,751.00	\$3.00	\$4,650.00	\$2.00	\$3,100.00	\$5.00	\$7,750.00		
96	Lengend White Thermoplastic Traffic Marking (6" Equivalent)	1,440	LF	\$2.42	\$3,484.80	\$3.00	\$4,320.00	\$4.00	\$5,760.00	\$5.00	\$7,200.00		
97	Solid Sod (Incl. Sod, Top Soil, Fertilizer, Watering, etc.)	8,050	SY	\$8.48	\$68,264.00	\$8.00	\$64,400.00	\$8.50	\$68,425.00	\$10.00	\$80,500.00		
98	Landscape Restoration (Inc. Top Soil, Plants, Mulch, Watering, etc.)	630	SF	\$18.16	\$11,440.80	\$16.00	\$10,080.00	\$35.00	\$22,050.00	\$43.00	\$27,090.00		
99	Clearing and Grubbing	2	Acre	\$2,239.98	\$4,479.96	\$9,000.00	\$18,000.00	\$9,000.00	\$18,000.00	\$19,000.00	\$38,000.00		
100	Temporary Erosion Control	1	LS	\$18,162.01	\$18,162.01	\$15,000.00	\$15,000.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00		
101	Maintenance of Traffic	1	LS	\$123,743.79	\$123,743.79	\$75,000.00	\$75,000.00	\$65,000.00	\$65,000.00	\$50,000.00	\$50,000.00		
102	Mobilization	1	LS	\$248,456.23	\$248,456.23	\$255,000.00	\$255,000.00	\$175,000.00	\$175,000.00	\$525,000.00	\$525,000.00		
Total Bid					\$3,721,611.76		\$3,867,820.00		\$3,970,911.89		\$5,346,341.15		

This is to certify that I have checked the tabulation of the bids received by the City of Hattiesburg on April 5, 2018, and that said tabulation is true and correct to the best of my belief.

Comments

*Mathematical Correction



John T. Weeks, P.E.

G:\PROJECTS\Hattiesburg_City of 1275-S010 - ComSWMP Sewer Phase VIII - Camp St Area 1275S010\CAD Files\1275S010_corrigatures_V2.dwg, CVR, 2/12/2018 8:18:17 AM

DETAILED INDEX		
SHEET No.	WRK No.	DESCRIPTION
1	CVR	COVER SHEET
2	VM	VICINITY MAP
3	KEY1	LEGEND, ABBREVIATIONS & SHEET KEY
4	PSM1	PROJECT SCOPE MAP
4A	PSM2	SEWER SYSTEM MAP
4B	PSM3	WATER SYSTEM MAP
5	GN1	GENERAL NOTES
6	PhP1	SOUTH 24TH AVENUE STA 11+00 - STA 17+80
7	PhP2	SOUTH 24TH AVENUE STA 17+80 - STA 24+20
8	PhP3	SOUTH 24TH AVENUE STA 24+20 - STA 27+50
9	PhP4	ALLEY 49 STA STA 10+00 - STA 16+00
10	PhP5	ALLEY 48 STA STA 16+00 - STA 22+20
11	PhP6	ALLEY 48 STA STA 17+00 - 23+00
12	PhP7	ALLEY 50 STA 10+20 - STA 16+80
13	PhP8	ALLEY 51 STA 16+80 - STA 23+40
14	PhP9	ALLEY 52 STA 23+40 - STA 30+00
15	PhP10	ALLEY 53 STA 30+00 - STA 35+00
16	PhP11	SOUTH 22ND AVENUE STA 10+00 - 14+60
17	PhP12	SOUTH 22ND AVENUE STA 14+00 - 20+60
18	PhP13	SOUTH 22ND AVENUE STA 34+40 - 37+50
19	PhP14	ALLEY 56 STA 10+00 - STA 13+00
20	PhP15	ALLEY 56 STA 11+40 - STA 18+00
21	PhP16	ALLEY 56 STA 17+40 - STA 24+00
22	PhP17	ALLEY 55 STA 23+00 - STA 26+50
23	PhP18	SOUTH 21ST AVENUE STA 12+00 - STA 16+00
24	PhP19	SOUTH 21ST AVENUE STA 17+80 - STA 21+00
25	PhP20	ALLEY STA 9+40 - STA 13+50
26	PhP21	STEVEN'S DRIVE ALLEY STA 10+00 - STA 14+00
27	PhP22	SOUTH 20TH AVENUE STA 10+00 - STA 16+40
28	PhP23	SOUTH 20TH AVENUE STA 16+20 - STA 20+00 & STA 26+00 - STA 28+00
29	PhP24	ALLEY WEST OF PATTON AVE STA 9+40 - STA 16+00
30	PhP25	ALLEY WEST OF PATTON AVE STA 14+00 - STA 17+00
31	PhP26	PATTON AVENUE STA 9+80 - STA 15+20
32	PhP27	PATTON AVENUE STA 14+20 - STA 17+40
33	PhP28	ALLEY 58 STA 10+00 - STA 12+20
34	PhP29	O'FERRAL STREET WEST STA 12+00 - STA 18+60
35	PhP30	O'FERRAL STREET EAST STA 10+00 - STA 13+00
36	PhP31	CAMP STREET STA 14+50 - STA 20+30
37	PhP32	CAMP STREET STA 20+30 - STA 26+40
38	PhP33	CAMP STREET STA 26+40 - STA 32+20
39	PhP34	CAMP STREET STA 32+20 - STA 36+00
40	PhP35	DITCH STA 10+00 - STA 13+00
41	PhP36	MAMIE STREET WEST STA 12+00 - STA 18+60
42	PhP37	MAMIE STREET EAST STA 10+00 - STA 14+00
43	WP1	SOUTH 25TH AVENUE - WATER PLAN
44	WP2	SOUTH 25TH AVENUE - WATER PLAN
45	WP3	SOUTH 24TH AVENUE - WATER PLAN
46	WP4	SOUTH 24TH AVENUE - WATER PLAN
47	WP5	SOUTH 22ND AVENUE - WATER PLAN
48	WP6	STEVENS DRIVE AREA - WATER PLAN
49	WP7	SOUTH 20TH AVENUE - WATER PLAN
50	WP8	SOUTH 20TH AVENUE - WATER PLAN
51	WP9	PATTON AVENUE - WATER PLAN
52	WP10	SOUTH 19TH AVENUE - WATER PLAN
53	WP11	SOUTH 19TH AVENUE - WATER PLAN
54	WP12	SOUTH 13TH AVENUE - WATER PLAN
55	WP13	CAMP STREET - WATER PLAN
56	WP14	CAMP STREET - WATER PLAN
57	WP15	EVA STREET - WATER PLAN
58	WP16	BROOKLANE DRIVE - WATER PLAN
59	WP17	BROOKLANE DRIVE - WATER PLAN
60	WP18	ADELINE STREET - WATER PLAN
61	WP19	ADELINE STREET - WATER PLAN
62	XS1	CREEK CROSS SECTIONS
63	SSD1	SEWER INSTALLATION DETAILS
64	SSD2	SEWER INSTALLATION DETAILS
65	WTRD1	WATER INSTALLATION DETAILS
66	WTRD2	WATER INSTALLATION DETAILS
67	TWD1	TRACER WIRE DETAILS
68	PRD1	PAVEMENT REPAIR DETAILS
69	VS1	VEGETATION SCHEDULE & MISC DETAILS
70	HDPE-1	FLEXIBLE PIPE STANDARD
71	ECD-1	TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS
72	ECD-2	DETAILS OF SEDIMENT BARRIER APPLICATIONS
73	ECD-3	DETAILS OF SILT FENCE INSTALLATION
74	ECD-4	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS
75	ECD-6	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK
76	ECD-20	DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK
6145	DT-1	DETAILS OF TYPICAL DITCH TREATMENTS
6250	TCP-1	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)
6259	TCP-10	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS
6300	PI-1	PIPE CULVERT INSTALLATION
6301	PC-1	CONCRETE PIPE COLLAR
6322	SS-2	STORM SEWER STRUCTURE TYPE SS-2
6325	B-9	DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERT

SPECIAL UTILITY NOTES:

1.

UTILITY LOCATION REQUESTS WERE SUBMITTED TO MISSISSIPPI 811 (FORMERLY MISSISSIPPI ONE CALL) DURING THE FIELD DATA COLLECTION PHASE FOR THE DESIGN OF THIS PROJECT. ALL UTILITIES THAT LOCATED DURING THE FIELD DATA COLLECTION ARE SHOWN ON THESE PLANS. ALL CONFLICTS WITH EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION SHALL BE COORDINATED WITH THE UTILITY OWNER, THE ENGINEER AND THE PROJECT OWNER PRIOR TO INSTALLATION OF THE PROPOSED WATER SYSTEM. (NO SEPARATE PAY FOR COORDINATION)
2.

THE CONTRACTOR SHALL DOCUMENT THE EXISTENCE OF ANY MISSING AND/OR OVERLAPPING UNDERGROUND UTILITIES AND STORM DRAINAGE NOT SHOWN ON THESE CONSTRUCTION DRAWINGS.

MISSISSIPPI 811 TICKETS	
TICKET No.	DESCRIPTION
17012712260749	ALLEY 48
17012712260747	ALLEY 49
17011709180344	ALLEY 51 FROM CAMP ST SOUTH TO REAR OF 313 S 22ND AVE
17011709060271	ALLEY 52
17011709570491	ALLEY 53
17011709430435	ALLEY 55
17011709350407	ALLEY 56
17011709560485	ALLEY 58
17011709520466	ALLEY (EAST OF S 21ST)
17020915081100	ADELINE STREET FROM S 24TH AVE TO S 19TH AVE
17022010400542	BROOKLANE DRIVE (EAST OF CREEK)
17022016531259	BROOKLANE (EAST OF S 19TH AVE)
17010508090095	BROOKLANE (WEST OF CREEK)
16110707200027	CAMP STREET FROM S 25TH AVE TO S 19TH AVE
17012712260750	CREEK AT S 23RD AVE
17012712270751	CREEK AT S 24TH AVE
17022011060615	EVA ST (EAST OF S 19TH AVE)
17011607080009	EVA ST (WEST OF S 19TH AVE)
17010508470222	MAMIE ST FROM S 21ST AVE TO S 19TH AVE
17032308400153	MAMIE ST FROM S 22ND AVE TO 24TH AVE

MISSISSIPPI 811 TICKETS	
TICKET No.	DESCRIPTION
17012713561025	ALLEY NORTH OF CAMP ST & 160' WEST OF S 20TH AVE
17081409150416	ALLEYWAY B/W S22ND & S 21ST AVE's & SOUTH OF MAMIE ST
17081115501028	ALLEYWAY B/W S22ND & S 21ST AVE's & SOUTH OF MAMIE ST
17082112510988	ALLEY 50 FROM ADELINE ST TO MAMIE ST
17012712260748	ALLEY 51 FROM CAMP ST NORTH TO REAR OF 209 S 22ND AVE
17032309400153	MAMIE ST FROM S24TH AVE TO S 22ND AVE
17012711150645	O'FERRAL ST FROM S 25TH AVE TO S 23RD AVE
17010317011606	PATTON AVE FROM CAMP ST TO O'FERRAL ST
17022010590590	S 13TH AVE FROM CAMP ST TO CONGART ST
17022010520569	S 18TH AVE FROM ADELINE ST TO BROOKLANE DR
17010316011391	S 19TH AVE FROM MAMIE ST TO HARDY ST
17022010380534	S 19TH AVE FROM ADELINE ST TO MAMIE ST
17010508100098	S 20TH AVE FROM MAMIE ST TO HARDY ST
17081115431014	S 21ST AVE FROM MAMIE ST TO ADELINE ST
17011607060007	S 21ST AVE FROM MAMIE ST TO 312 S 21ST AVE
17081115511032	S 22ND AVE FROM CAMP ST TO ADELINE ST
17081115451016	S 22ND AVE FROM CAMP ST TO ADELINE ST
17020915211125	S 24TH AVE FROM ADELINE ST TO HARDY ST
17012716481146	S 25TH AVE FROM MAMIE ST TO HARDY ST
17032011000595	STEVEN'S DR FROM CAMP ST TO S 20TH AVE



Know what's below.
Call before you dig.

CONSTRUCTION PLANS

FOR

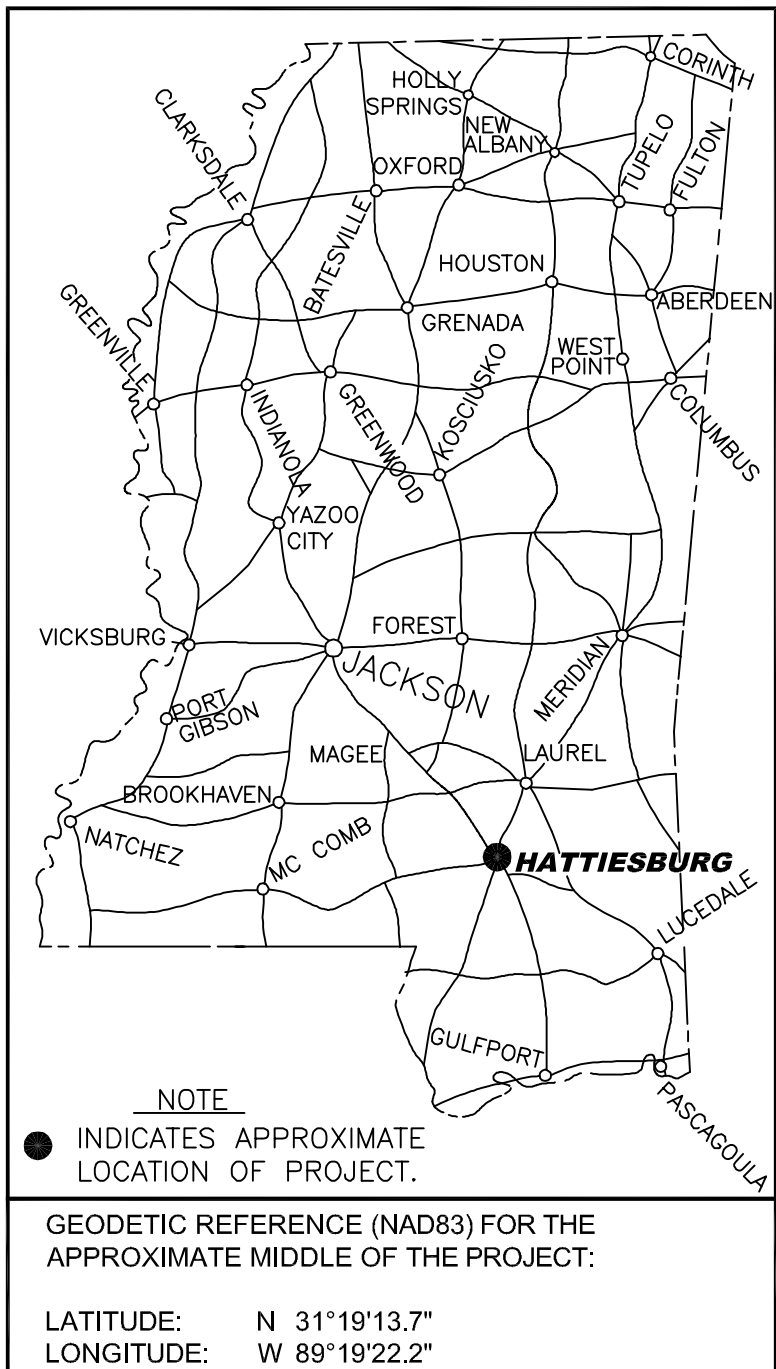
COMPREHENSIVE SEWER/WATER
IMPROVEMENTS - PHASE VIII
CAMP STREET AREA

FOR THE

CITY OF HATTIESBURG

FORREST COUNTY
MISSISSIPPI

FEBRUARY 2018



PUBLIC UTILITIES

CABLE
COMCAST
2100 LINCOLN RD
HATTIESBURG, MS 39402
(601) 264-1188

POWER
MISSISSIPPI POWER, CO.
6356 U.S. HIGHWAY 49
HATTIESBURG, MS 39401
(601) 544-6511

TELECOMM
AT&T
P.O. BOX 1191
HATTIESBURG, MS 39401
(601) 545-6424

INLINE
405 LEGACY PARK
RIDGELAND, MS 39157
(601) 956-8909
(888) 346-5463

TELEPAK DBA CSPIRE FIBER
1018 HIGHLAND COLONY PKWY
SUITE 300
RIDGELAND, MS 39157
(855) 277-4732

GAS
WILMUT GAS
P.O. BOX 1649
HATTIESBURG, MS 39403
(601) 544-6001

SEWER
CITY OF HATTIESBURG
WATER & SEWER DEPT.
900 JAMES ST
HATTIESBURG, MS 39403
(601) 545-4530

WATER
CITY OF HATTIESBURG
WATER & SEWER DEPT.
900 JAMES ST
HATTIESBURG, MS 39403
(601) 545-4530

TRAFFIC
CITY OF HATTIESBURG
TRAFFIC DEPT.
125 WALNUT ST
HATTIESBURG, MS 39401
(601) 545-4626

OTHER UTILITIES
FORREST GENERAL HOSPITAL
6051 US HWY 49
HATTIESBURG, MS 39404
(601) 288-7000

MAYOR

Toby Barker

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DIRECTOR OF ENGINEERING

Lamar Rutland, PE

PREPARED BY:

sdw
Engineering Progress

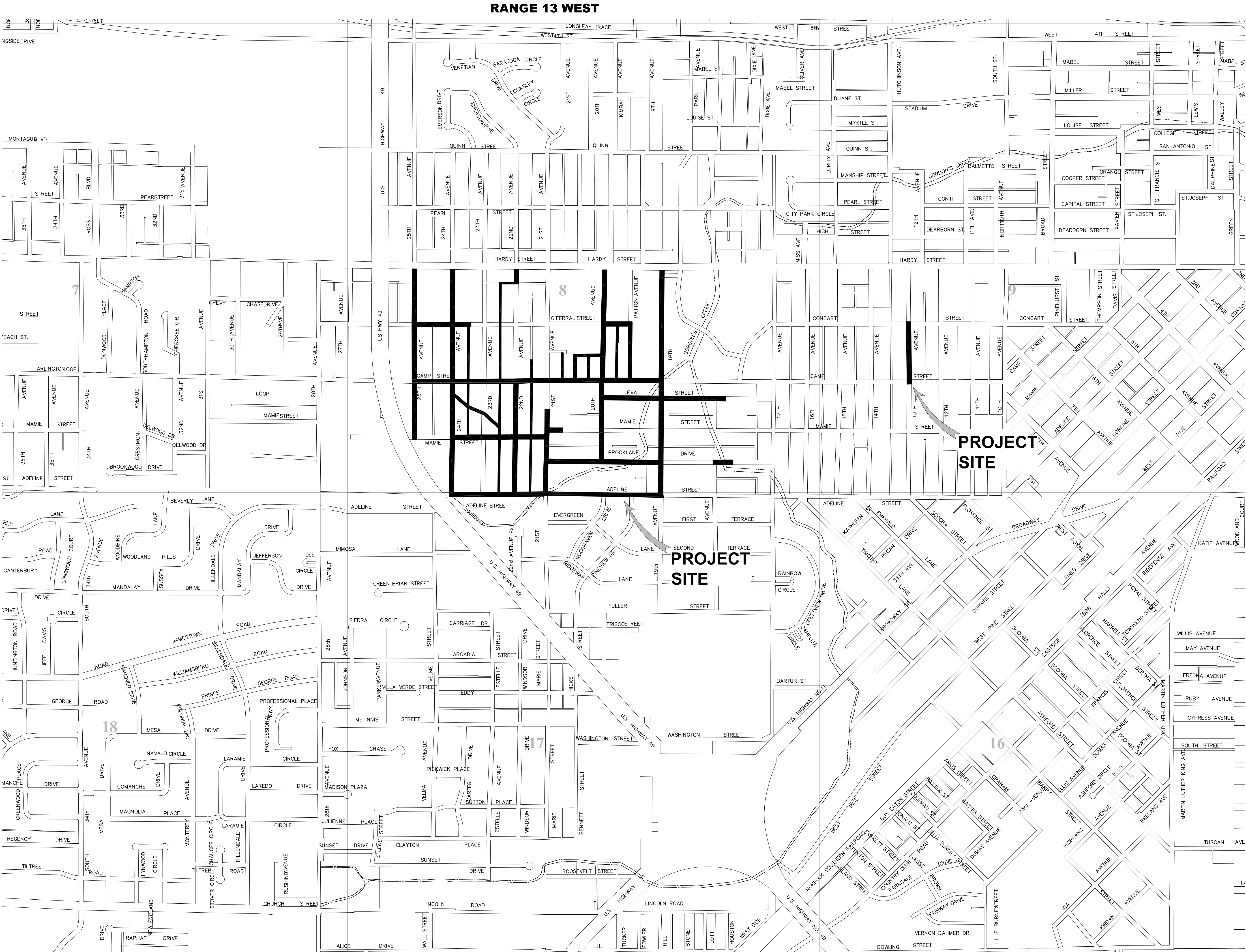
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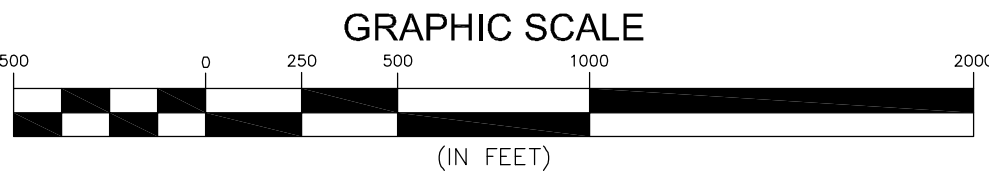
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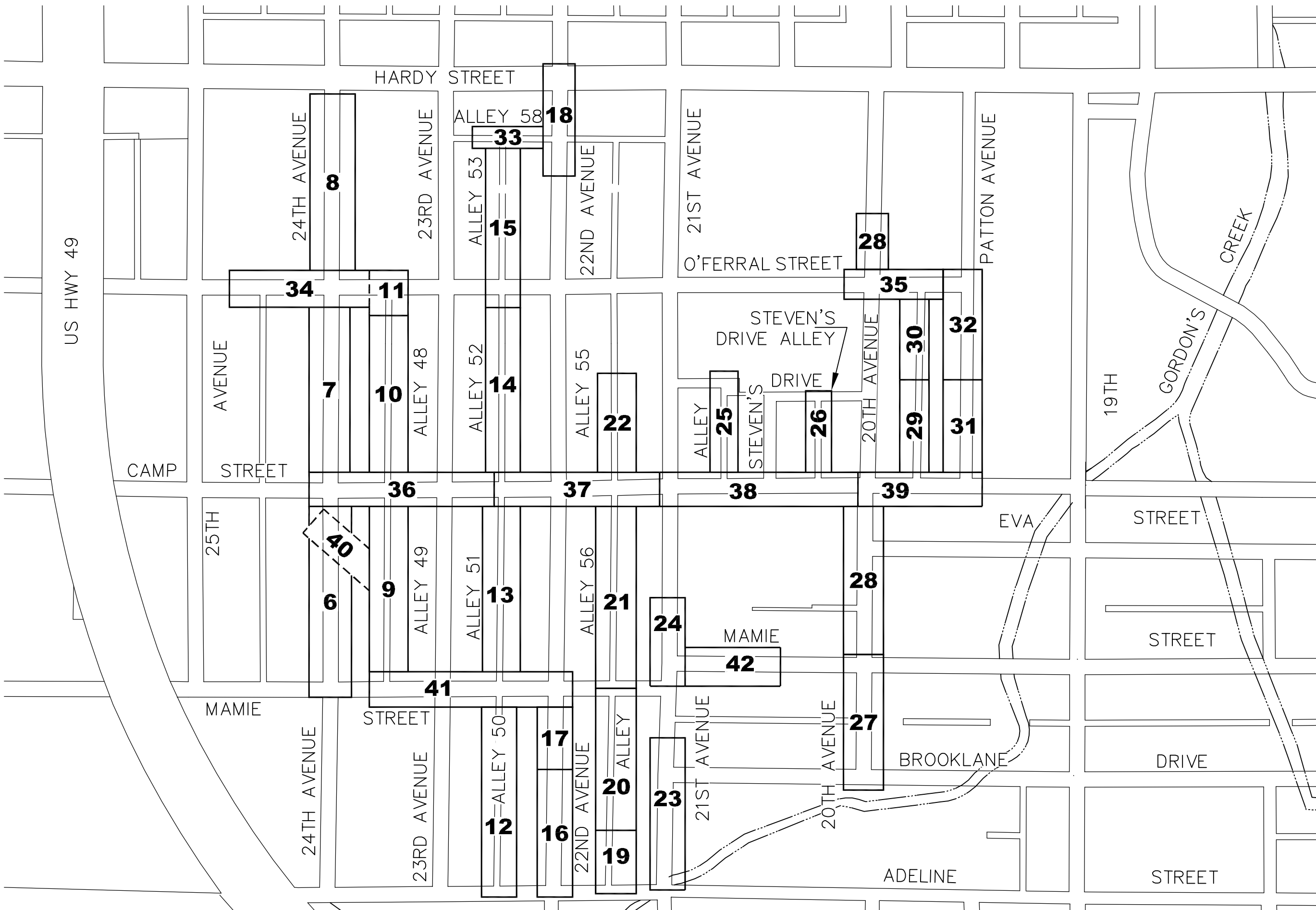


TOWNSHIP 4 NORTH

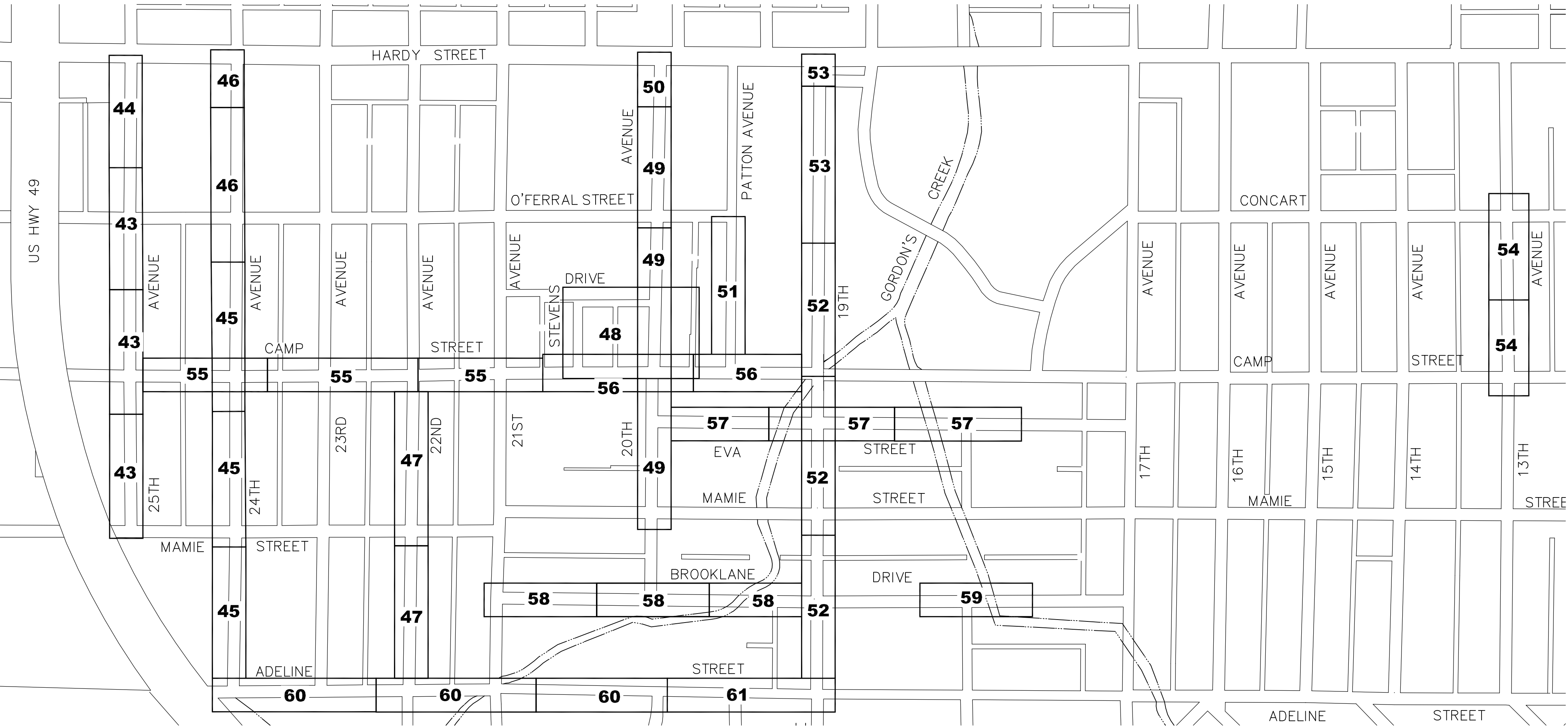


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VICINITY MAP			
COMSWIP SEWER PROJECT PHASE VIII			
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FORREST COUNTY, MISSISSIPPI			
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SANITARY SEWER PLAN - SHEET KEY



WATER PLAN - SHEET KEY

ABBREVIATION LEGEND:

- ABND - ABANDONED
- APPURT - APPURTENANCES
- ASPH - ASPHALT
- BLDG - BUILDING
- CL CONST - CENTERLINE CONSTRUCTION
- CONC - CONCRETE
- CON. - CONNECTION
- CONT'D - CONTINUED
- CMP - CORRUGATED METAL PIPE
- CPP - CORRUGATED PLASTIC PIPE
- DIA - DIAMETER
- DR - DIAMETER RATIO
- DRV - DRIVE
- DI - DUCTILE IRON PIPE
- DS FL - DOWNSTREAM FLOW LINE
- E - EAST
- EXIST - EXISTING
- FES - FLARED END SECTION
- FL - FLOW LINE
- GRVL - GRAVEL
- HDPE - HIGH DENSITY POLYETHYLENE PIPE
- HYD - HYDRANT
- INCL - INCLUDING
- INV - INVERT
- LT - LEFT
- LF - LINEAR FEET
- MH - MANHOLE
- MIN - MINIMUM
- N - NORTH
- No. - NUMBER
- PRKG - PARKING
- PVC - POLYVINYL CHLORIDE PIPE
- RCAP - REINFORCED CONCRETE ARCHED PIPE
- RCP - REINFORCED CONCRETE PIPE
- REQ'D - REQUIRED
- RT - RIGHT
- ROW - RIGHT OF WAY
- SAN - SANITARY
- STA - STATION
- SWR - SEWER
- S - SOUTH
- TYP - TYPICAL
- US FL - UPSTREAM FLOW LINE
- VAR - VARIABLE
- W - WEST
- W/ - WITH

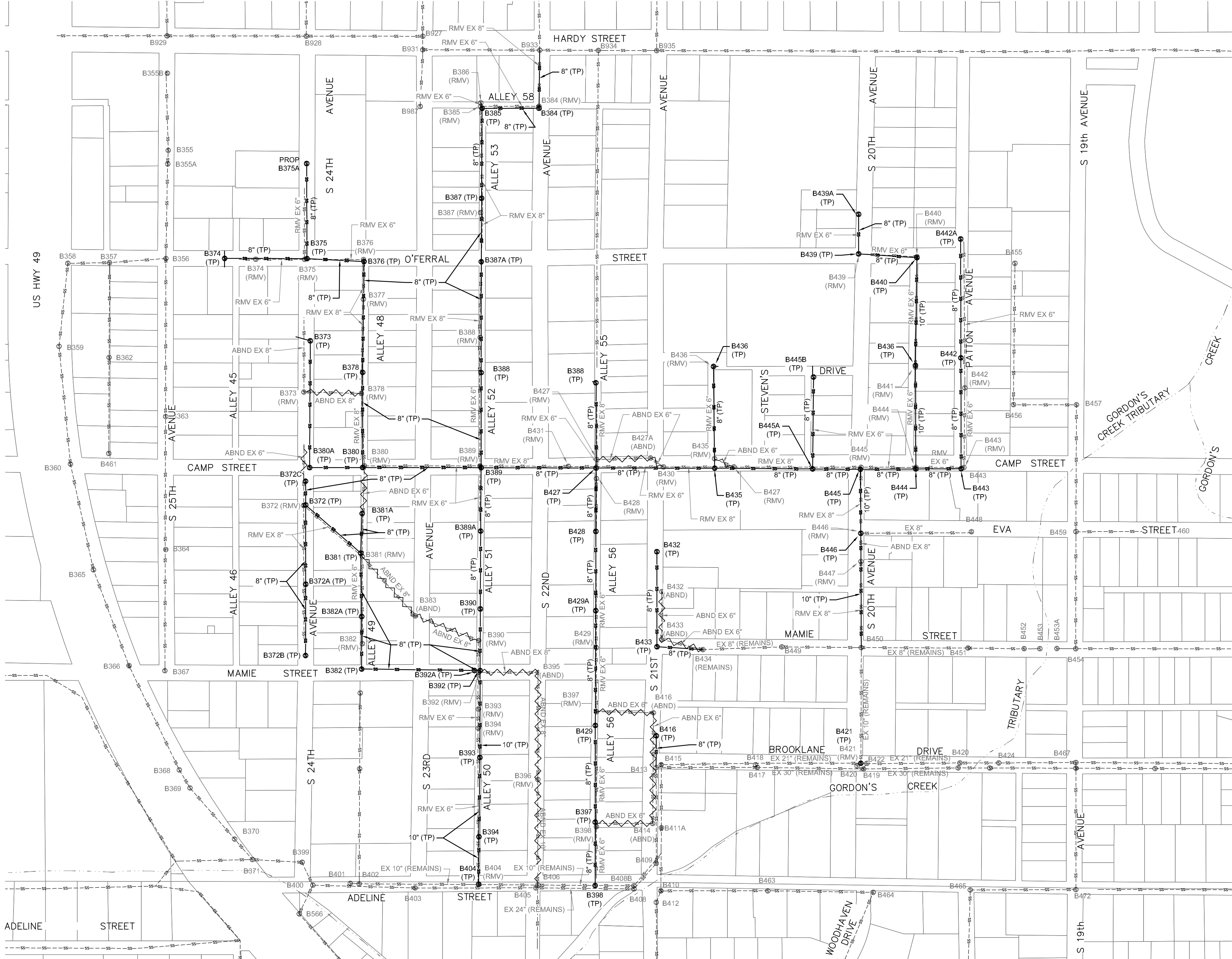
SYMBOL LEGEND:

- AIR CONDITIONER
- FENCE
- FIBER OPTIC PEDESTAL
- FIBER OPTIC PULL BOX
- FIRE HYDRANT
- FLOWER
- GAS INDICATOR POST
- GAS LINE
- GAS METER
- GAS VALVE
- GATE POST
- GENERATOR
- GROUND LANDSCAPE LIGHT
- HOSE BIBB
- IRRIGATION CONTROL VALVE
- LIGHT ON UTILITY POLE
- LIGHT ON DECORATIVE POLE
- MAILBOX
- METAL PIPE
- OVERHEAD UTILITY LINES
- OVERHEAD UTILITY LINES
- POLE GUY WIRE
- PROPERTY LINE
- SAN SWR CLEAN-OUT
- SAN SWR FORCE MAIN
- SAN SWR LINE
- SAN SWR MANHOLE
- SIGN
- SIGNAL
- STORM DRAIN MANHOLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- TREE LINE
- TREE OAK
- TREE CEDAR
- TREE PINE
- TREE SYCAMORE
- TREE CRAPE MYRTLE
- TREE MAPLE
- TREE BRADFORD PEAR
- TREE MAGNOLIA
- UNDERGROUND FIBER OPTIC LINE
- UNDERGROUND POWER LINE
- UNDERGROUND TELEPHONE LINE
- UTILITY METER ON POLE
- UTILITY POLE
- UTILITY PULL-BOX
- UTILITY SERVICE POLE
- WATER LINE
- WATER METER
- WATER TEST WELL
- WATER VALVE

NOTE

ALL ITEMS SHOWN HERE ARE EXISTING ON THE GROUND OR UNDERGROUND.

NO.	DATE	DESCRIPTION	BY
LEGEND, ABBREVIATIONS & SHEET KEY			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
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ABBREVIATION LEGEND:

- ABND – ABANDONED
- EX – EXISTING
- RMV – REMOVED
- TP – THIS PROJECT

NO.	DATE	DESCRIPTION	BY

SEWER SYSTEM MAP

COMSWIP SEWER PROJECT PHASE VIII

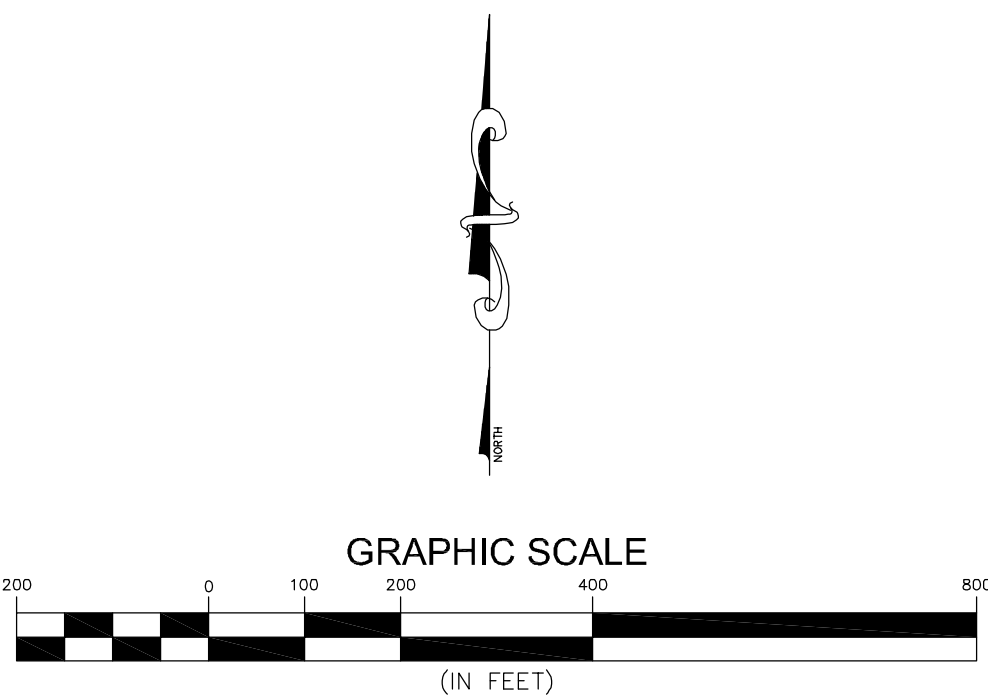
CITY OF HATTIESBURG

HATTIESBURG, MISSISSIPPI

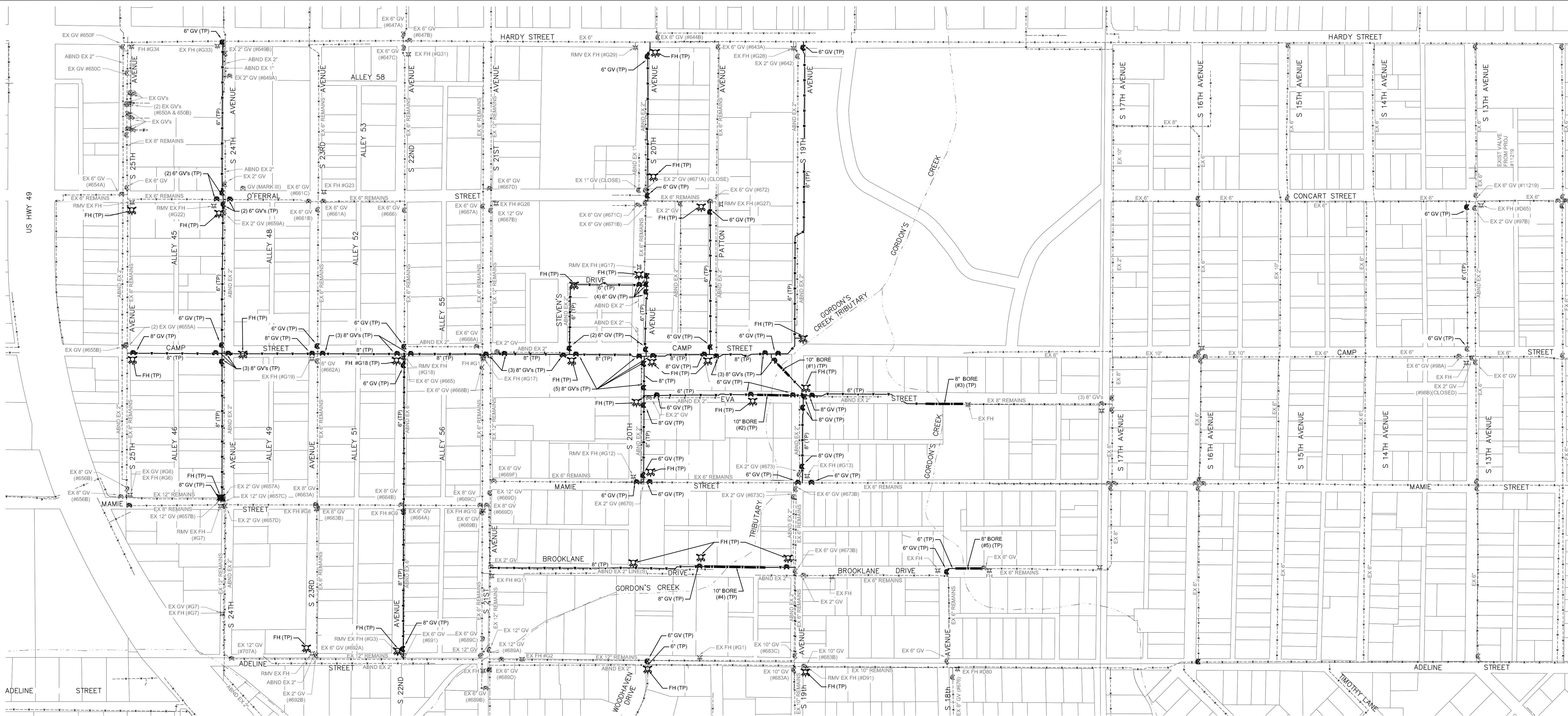
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GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES.
2. THE CONTRACTOR SHALL KEEP A SET OF CONSTRUCTION PLANS OF THE PROJECT ON THE JOB SITE SHOWING THE ACCURATE MEASUREMENTS AND ELEVATIONS OF THE "AS-BUILT" SYSTEM. THIS DATA WILL BE COLLECTED AND PUT ON THE DRAWINGS DAYLY.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING THE ENTIRE PROJECT.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CITY OF HATTIESBURG AND/OR FORREST COUNTY FEES AND PERMITS ASSOCIATED WITH CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING AND THE LOCATION OF THE PROJECT. CONTROL COORDINATE SYSTEM AND ELEVATION CONTROL ARE SHOWN ON THE PLAN SHEETS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN SUB-SURFACE SOIL INVESTIGATIONS.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL EXISTING TOPOGRAPHIC DATA AND ALL OTHER SITE CONDITIONS PRIOR TO THE BEGINNING OF CONSTRUCTION. ANY CONFLICT SHALL BE COORDINATED WITH THE CONTRACTOR, OWNER AND ENGINEER/ARCHITECT. THE ENGINEER CANNOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL UTILITIES WITHIN THE WORK AREA.
9. ALL UNDERGROUND UTILITIES, FOR THE ENTIRE PROJECT, SHALL BE LOCATED BY THE CONTRACTOR AND UTILITY OWNERS PRIOR TO THE CONSTRUCTION OF THE PROJECT. ANY CONFLICTS SHALL BE COORDINATED BETWEEN CONTRACTOR, UTILITY OWNER AND ENGINEER.
10. ALL CULVERT CROSS DRAINS AND SIDE DRAINS SHALL BE PROTECTED. REMOVAL AND REPLACEMENT, IF REQUIRED, SHALL BE PAID AS NOTED.
 - 10.1. ANY EXISTING CROSS DRAINS SHOWN TO BE REMOVED AND REPLACED SHALL BE REPLACED WITH NEW RCP AND SHALL BE INSTALLED AT THE SAME GRADE AS THE EXISTING CROSS DRAIN, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT THE GRADES OF THE REPLACED PIPE ARE CORRECT AND TO INSURE PROPER FLOW.
 - 10.2. ANY EXISTING SIDE DRAINS THAT CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND REPLACED WITH NEW CORRUGATED HDPE PIPE AND SHALL BE INSTALLED AT THE SAME GRADE AS THE EXISTING SIDE DRAIN, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT THE GRADES OF THE REPLACED PIPE ARE CORRECT AND TO INSURE PROPER FLOW.
 - 10.3. IF THE EXISTING DRAIN PIPES ARE CONNECTED TO INLETS, HEADWALLS OR ANY OTHER DRAINAGE STRUCTURES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONNECTION TO THOSE STRUCTURES, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER. CONCRETE PIPE COLLARS SHALL BE USED AS WARRANTED, AS APPROVED BY THE ENGINEER. SOME INLETS ARE NOTED FOR REPLACEMENT ON THE PLANS AND SHALL BE REPLACED AS DETAILED.
 - 10.4. ANY EXISTING DRAINS THAT SHOWN TO BE REMOVED AND RESET SHALL BE REMOVED, SALVAGED AND RESET PER NEW PIPE INSTALLATION DETAILS CONTAINED HEREIN. ANY DAMAGE TO THE SALVAGED PIPE SHALL BE REPLACED AT NO ADDITIONAL COST TO THE PROJECT.
 - 10.5. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE THE EXISTING STORM DRAINAGE STRUCTURES DURING THE CONSTRUCTION PROCESS. ANY DAMAGE, OTHER THAN THAT NOTED ABOVE, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - 10.6. ABSOLUTELY NO NEW CORRUGATED METAL PIPE SHALL BE INSTALLED ON THIS PROJECT.
11. THE COST OF CLEARING AND GRUBBING/REMOVAL AND DISPOSAL OF CLEARING AND GRUBBING MATERIAL SHALL BE PAID LUMP SUM, UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE FAMILIAR WITH THE EXTENT OF CLEARING REQUIRED PRIOR TO BIDDING. OFFSITE DISPOSAL AREAS ARE TO BE FURNISHED BY THE CONTRACTOR.
12. PROPER MAINTENANCE OF STREETS, INCLUDING DUST CONTROL, SHALL BE STRICTLY ADHERED TO.
13. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION).
14. THE CONTRACTOR SHALL PROVIDE PROPER TRAFFIC CONTROL SIGNS AND FLAGGERS TO MAINTAIN ONE LANE TRAFFIC DURING CONSTRUCTION, WHERE LANE CLOSURES ARE NEEDED, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. SEE SHEET No. 6250 FOR TYPICAL LANE CLOSURE DETAILS. ANY ROAD CLOSURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO IMPLEMENTATION.
15. ALL DISTURBED UNPAVED AREAS SHALL BE RESTORED AS FOLLOWS:
 - 15.1. GRASSED AREAS SHALL RECEIVE SOLID SOD WHICH SHALL BE FERTILIZED AND WATERED AS PER THE VEGETATION SCHEDULE. PERMANENT ESTABLISHMENT OF GRASS GROWTH SHALL BE A REQUIREMENT BEFORE FINAL COMPLETION.
 - 15.2. ALL LANDSCAPED AREAS SHALL BE RESTORED IN KIND AND SHALL INCLUDE TOP SOIL (4" DEPTH MIN), WATERING, FERTILIZER AND MULCH, IF PRESENT (IN KIND), AS PER THE VEGETATION SCHEDULE. CONTRACTOR SHALL MATCH SPECIES AND SIZE AS CLOSE AS POSSIBLE. SUBSTITUTIONS SHALL BE ALLOWED ONLY BY WRITTEN APPROVAL FROM THE ENGINEER AND COORDINATION WITH THE AFFECTED RESIDENT.
16. ALL EXISTING MAILBOXES, STREET SIGNS, FENCES, AND OTHER STRUCTURES LOCATED WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED AND RESET AS DICTATED BY CONSTRUCTION ACTIVITIES. (NO SEPARATE PAY, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER). EXISTING FLOWER BEDS, GARDENS, SHRUBS, ETC. WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED AND RESET AS DICTATED BY CONSTRUCTION ACTIVITIES. (NO SEPARATE PAY, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER). ALL ITEMS (INCLUDING REMOVAL OF OBSTRUCTIONS, REMOVED AND RESET AND/OR REPLACEMENT OF STORM DRAIN STRUCTURES, ETC.) FOR WHICH NO PAY ITEM IS LISTED, SHALL BE INCLUDED IN THE COST OF THE PIPE LAYING OPERATION. (NO SEPARATE PAY).
17. PAVED ROADS SHALL BE OPEN CUT AND REPAIRED AS DETAILED. CASING SHALL BE USED ONLY WHERE NOTED ON THE PLANS.
18. ALL GRAVEL ROADS AND GRAVEL DRIVEWAYS SHALL BE OPEN CUT WITHOUT CASING, UNLESS OTHERWISE NOTED, AND REPLACED IN KIND.
19. ALL PAVED DRIVEWAYS SHALL BE OPEN CUT AND REPAIRED IN KIND, UNLESS OTHERWISE NOTED.
20. CONTRACTOR SHALL PROVIDE ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ALL DRIVEWAY CUTS AND EXCAVATION WITH THE OWNERS OF SAID DRIVEWAYS.
21. ANY DAMAGE TO PAVED ROADS OR DRIVEWAYS, WHICH ARE OUTSIDE OF THE PROJECT LIMITS, SHALL BE REPAIRED IN KIND, AT THE CONTRACTOR'S EXPENSE.
22. ALL TRENCHES IN PAVED AREAS SHALL BE REPAIRED AS DETAILED. CRUSHED AGGREGATE SHALL ALSO BE INSTALLED AND USED FOR A TEMPORARY SURFACE UNTIL SUCH TIME THAT THE OWNER DECIDES TO ALLOW INSTALLATION OF PAVEMENT (SEE DETAILS). ALL CRUSHED AGGREGATE SHALL BE SIZE 610. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF EXISTING PAVEMENT AND OR CRUSHED AGGREGATE PRIOR TO PLACEMENT OF PAVEMENT IN PATCHED AREAS TO MAKE A SMOOTH JOINT WITH THE EXISTING PAVEMENT. SAW CUT TO FULL DEPTH OF EXISTING PAVEMENT SHALL BE REQUIRED ON ALL PAVEMENT REPAIR, UNLESS OTHERWISE DIRECTED. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SURFACE IN AN ACCEPTABLE CONDITION UNTIL SUCH TIME AS FINAL PAVEMENT IS INSTALLED.
23. ALL ROAD BORES SHALL BE IN ACCORDANCE TO THE DETAILS.
24. ALL SELECT FILL MATERIAL SHALL MEET THE SPECIFICATIONS FOR CLASS 9, GROUP C AND MODIFIED TO CONSIST OF A PLASTICITY INDEX (PI) BETWEEN 5 AND 15. THE SELECT FILL MATERIAL SHALL BE INSTALLED AT THE DIRECTION OF THE ENGINEER OR HIS REPRESENTATIVE.
25. PRIOR TO THE BEGINNING OF ANY EXCAVATION, ALL EXISTING PAVEMENT SHALL BE SCORED OR SAW CUT TO A DEPTH SUCH THAT A STRAIGHT AND UNIFORM VERTICAL EDGE IS ESTABLISHED PRIOR TO REMOVAL OF SAID PAVEMENT FROM THE PROJECT. IF VERTICAL EDGE IS DISTURBED, THEN A SECOND CUT SHALL BE REQUIRED PRIOR TO ASPHALT OR CONCRETE PATCHING. ALL ASPHALT OR CONCRETE SHALL BE REMOVED FROM THE PROJECT SITE PRIOR TO EXCAVATION PROCEDURES. (NO SEPARATE PAY FOR SAW CUTTING, DEBRIS REMOVAL, PAVEMENT REMOVAL AND DISPOSAL)
26. WORK FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING THE EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING WHAT BRACING, SHORING OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION, OR ANY STRUCTURE ADJACENT TO THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES INCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE BID PRICE FOR CONTRACT ITEMS.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING BRACING, SHORING OR ANY GROUND SUPPORT SYSTEM REQUIRED TO PREVENT A FAILURE FROM OCCURRING DURING EXCAVATION. ALL COST FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING AND CONSTRUCTING THE SUPPORT SYSTEM, SHALL BE INCLUDED IN THE BID PRICE FOR CONTRACT ITEMS.
28. THE EROSION CONTROL DEVICES SHALL BE REQUIRED AS DIRECTED BY THE ENGINEER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SILT DOES NOT LEAVE THE CONSTRUCTION SITE OR CONTAMINATE WATERS OF THE U.S. DURING CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THE PLAN DURING CONSTRUCTION UNTIL PERMANENT GRASS IS ESTABLISHED OR THE DISTURBED SURFACED IS PAVED.

29. THE CONTRACTOR SHALL ADHERE TO ALL MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY REQUIREMENTS FOR EROSION CONTROL AND ANY OTHER PERTINENT GUIDELINES.
30. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIAL TESTING BY AN INDEPENDENT LABORATORY APPROVED BY THE ENGINEER AND/OR OWNER.
31. MATERIAL SUBMITTALS SHALL BE MADE TO OWNER THROUGH THE ENGINEER PRIOR TO USE FOR APPROVAL.
32. ALL WATER AND SEWER SYSTEMS INSTALLED ON THIS PROJECT SHALL REQUIRE A TRACER WIRE SYSTEM.
33. THE CONTRACTOR SHALL HAVE A COMPETENT AND EXPERIENCED SUPERINTENDENT ON SITE AT ALL TIMES. THE SUPERINTENDENT SHALL NOT OPERATE EQUIPMENT WHILE ON THE PROJECT SITE. WORK ON THE PROJECT SHALL STOP IF THE ASSIGNED PROJECT SUPERINTENDENT IS NOT ON SITE.
34. MANHOLE LIDS, FIRE HYDRANTS & VALVES NOTED FOR REMOVAL IN THESE PLANS, SHALL BE SALVAGED FOR THE OWNER. ALL ITEMS SALVAGED ITEMS SHALL BE CLEANED BY POWER WASHING. SAID ITEMS SHALL BE STACKED AND SECURED ON PALLETS. SAID ITEMS SHALL BECOME THE PROPERTY OF THE OWNER AND DELIVERED TO A SITE DETERMINED BY THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF SAID ITEMS PRIOR TO DELIVERY TO THE OWNER AND FOR REPLACEMENT IN KIND FOR ANY MISSING ITEMS. (NO SEPARATE PAY)
35. ALL MATERIALS FOR THE PROJECT SHALL BE A PRODUCT OF THE U.S.A.

SEWER NOTES:

- NO PIPE SHALL BE LAID IN THE PRESENCE OF WATER. NO MANHOLE OR WET MELL SHALL BE SET IN THE PRESENCE OF WATER.
- WELL POINTS, IF REQUIRED, SHALL BE INCLUDED IN THE COST OF THE PIPING LAYING OPERATION.
- WHERE THE WATER MAIN IS WITHIN 10 FEET OF A SEWER MAIN HORIZONTALLY, THE BOTTOM OF THE WATER MAIN SHALL BE AT LEAST 18" FROM THE TOP OF THE SEWER MAIN, UNLESS OTHERWISE NOTED.
- THE FINISHED ELEVATION OF ALL MANHOLE TOPS FOR MANHOLES TO BE CONSTRUCTED IN PAVED AREAS SHALL BE AT EXISTING PAVEMENT ELEVATION OR AS DIRECTED BY THE ENGINEER. MANHOLE AND PIPE ELEVATIONS SHALL BE TAKEN FROM CUT SHEETS FURNISHED BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER AT LEAST SEVEN (7) DAYS PRIOR TO CONSTRUCTION. PAYMENT FOR SEWER WILL BE BASED ENTIRELY ON THE ENGINEER APPROVED CUT SHEETS.
- MANHOLES SHALL HAVE 20 MIL. COAL TAR EPOXY COATING ON THE INSIDE, UNLESS OTHERWISE NOTED. DUCTILE IRON PIPE SHALL BE LINED AS NOTED IN THE SPECIFICATIONS.
- ALL SEWER MAINS, SERVICE LINES AND FITTINGS SHALL BE SDR 26 PVC AND OF THE SIZE AS NOTED IN THESE PLANS, UNLESS OTHERWISE NOTED. ALL FITTINGS REQUIRED FOR DUCTILE IRON OR PVC PIPE SHALL BE INCLUDED IN THE APPROPRIATE BID ITEM FOR THE PIPE AND AT NO ADDITIONAL COST TO THE PROJECT EXCEPT SERVICE TEE'S AND CLEANOUTS. CLEANOUTS SHALL INCLUDE TEE, SERVICE CAP, TRAFFIC COVER IF NEEDED, AND ANY PIPE LENGTH TO BRING CLEANOUT TO SURFACE GRADE. ALL CLEANOUTS LOCATED IN PAVED AREAS SHALL BE INSTALLED WITH A TRAFFIC LOAD RATED FRAME AND COVER SET FLUSH WITH PAVEMENT. (NO SEPARATE PAY)
- ALL DUCTILE IRON PIPE SHALL BE LOCKING JOINT TYPE AND OF THE SIZE AS NOTED ON THESE PLANS.
- INFILTRATION/EXFILTRATION ON NEWLY INSTALLED SEWER MAIN SHALL BE REQUIRED AS DIRECTED. MANDREL TESTS SHALL BE REQUIRED ON ALL SEWER MAIN INSTALLED. CONTRACTOR SHALL BE REQUIRED TO PULL A MANDREL FOR TESTING PURPOSES IN ALL SEWER LINES INSTALLED ON THE PROJECT PRIOR TO FINAL ACCEPTANCE. MANDREL TEST SHALL BE PERFORMED IN LIVE OR BYPASS PUMPED SEWER AS NECESSARY AT THE DISCRETION OF THE ENGINEER
- ALL MANHOLES SHALL BE 48" IN DIAMETER, WITH ECCENTRIC TOP CONE SECTIONS, UNLESS OTHERWISE NOTED. (SEE PLAN AND PROFILE SHEETS FOR PROPER SIZING)
- ALL SINGLE DROPS FOR SEWER PIPE 8" AND UNDER IN DIAMETER SHALL BE PLACED INSIDE THE MANHOLE AS DETAILED. ALL MULTIPLE DROPS OR DROPS FOR SEWER PIPE OVER 8" IN DIAMETER SHALL BE PLACED OUTSIDE OF THE MANHOLE AS DETAILED, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL ADHERE TO ALL MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY REQUIREMENTS FOR SANITARY SEWER CONSTRUCTION CONTROL AND ANY OTHER PERTINENT GUIDELINES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR BY-PASS PUMPING AS REQUIRED BY THE ENGINEER. (NO SEPARATE PAY)
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONNECTING ANY SEWER SERVICE LINES WHICH ARE CUT AND/OR REMOVED DURING THIS PROJECT.
- ALL SERVICE CONNECTIONS SHOWN ON THE PLAN SHEETS SHALL BE CONNECTED TO THE PROPOSED SEWER LINE, UNLESS NOTED OTHERWISE OR DIRECTED BY THE ENGINEER.
- FLEXIBLE COUPLINGS SHALL BE USED ONLY WITH ENGINEER'S APPROVAL.
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND FLOWLINE ELEVATION OF THE SERVICE CONNECTION POINTS AT EACH STRUCTURE PRIOR TO CONSTRUCTION. LENGTH OF SERVICE CONNECTIONS MAY VARY FROM WHAT IS SHOWN DUE TO LOCATION OF SERVICE CONNECTION POINT.
- THE MINIMUM GRADE FOR SEWER SERVICE CONNECTIONS SHALL BE 0.50%. SERVICE CONNECTION TO MAIN, TEE'S, REDUCERS, CONNECTIONS TO EXISTING SERVICE AND ANY OTHER FITTINGS NECESSARY TO MAKE THE CONNECTION SHALL BE PAID PER EACH CONNECTION. SERVICE LINE SHALL BE PAID BY LINEAR FOOT.
- CLEANOUTS SHALL BE PAID PER EACH. CLEANOUTS FOR SANITARY SEWER SERVICES SHALL BE PLACED AT THE RIGHT OF WAY LINE (AS DETAILED), AT EVERY TURN AND CHANGE IN GRADE, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.
- SERVICE CONNECTIONS NOTED ON THESE PLANS ARE LOCATED BASED ON FIELD EVIDENCE, INSPECTION REPORTS AND OTHER INFORMATION THAT IS AVAILABLE TO THE ENGINEER. THE LOCATION OF ANY SERVICE NOTED AS "FIELD VERIFY" IS QUESTIONABLE AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION OF THE MAIN LINE.
- ALL SERVICE CONNECTIONS (FOR ALL UTILITY TYPES) WHICH ARE TEMPORARILY DISCONNECTED DUE TO CONSTRUCTION REQUIREMENTS, DAMAGED OR OTHERWISE DISCONNECTED, SHALL BE REPAIRED IN KIND AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE DIRECTED. (NO SEPARATE PAY). SERVICE INTERRUPTIONS SHALL BE COORDINATED WITH THE UTILITY OWNER AND THE AFFECTED STRUCTURE OWNER. EXCEPTION 1: WATER SERVICE CONNECTIONS WHICH ARE DEGRADED BEYOND REPAIR, LEAKING, BROKEN, ETC. PRIOR TO CONSTRUCTION, SHALL BE DOCUMENTED, REPORTED TO THE ENGINEER, REPAIRED AND PAID AS OUTLINED IN THE BID PROPOSAL (SIZE TO MATCH EXISTING). EXCEPTION 2: ANY OTHER SERVICE CONNECTIONS, EXCEPT WATER & SEWER, WHICH ARE DEGRADED BEYOND REPAIR, LEAKING, BROKEN, ETC. PRIOR TO CONSTRUCTION, SHALL BE DOCUMENTED, REPORTED TO THE ENGINEER AND REPORTED TO THE UTILITY OWNER.
- THE CONTRACTOR SHALL NOTE MINIMUM GRADES FOR VARIOUS LOCATIONS OF PROPOSED SEWER LINES WITHIN THE PROJECT. THE CONTRACTOR SHALL HAVE THE EXPERTISE TO INSTALL PIPING ON THESE GRADES. ANY INSTALLED PIPE FOUND TO HAVE MORE THAN 1/4" OF STANDING WATER SHALL BE REMOVED AND RE-LAID AT THE CONTRACTOR'S EXPENSE.
- ALL BEDDING MATERIAL FOR ALL PIPE SHALL BE ABSORBED IN THE PRICE OF THE PIPE LAYING OPERATION.
- ALL MANHOLES LOCATED IN FLOOD ZONES SHALL HAVE BOLTED LIDS AND FRAMES AS SHOWN ON PLANS.

SPECIAL SEWER ABANDONMENT / REMOVAL NOTES:

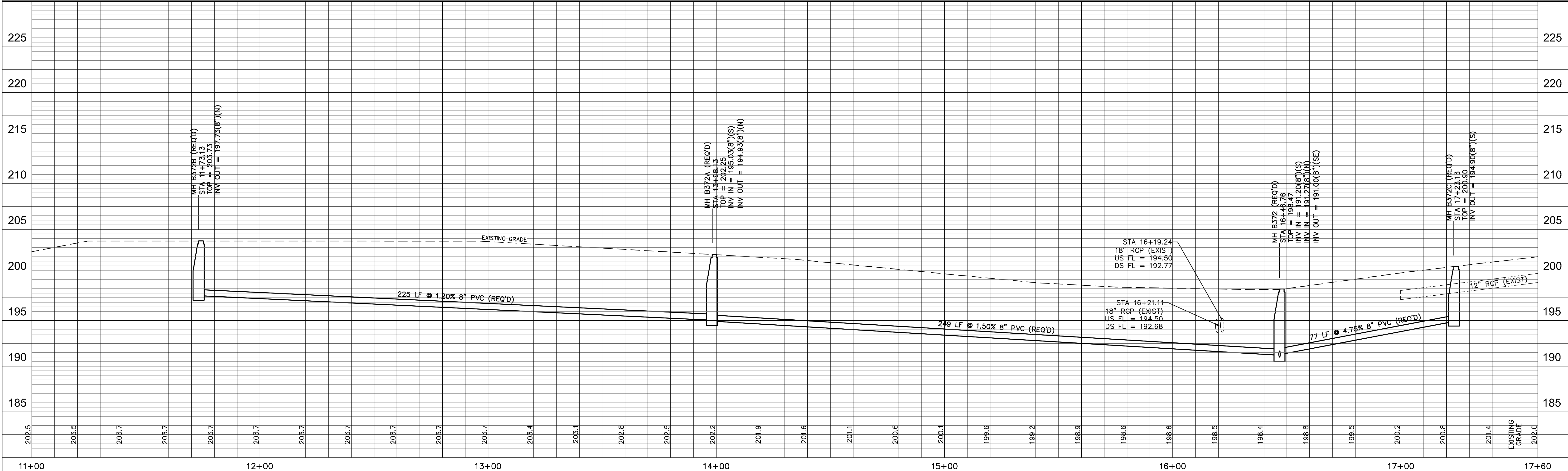
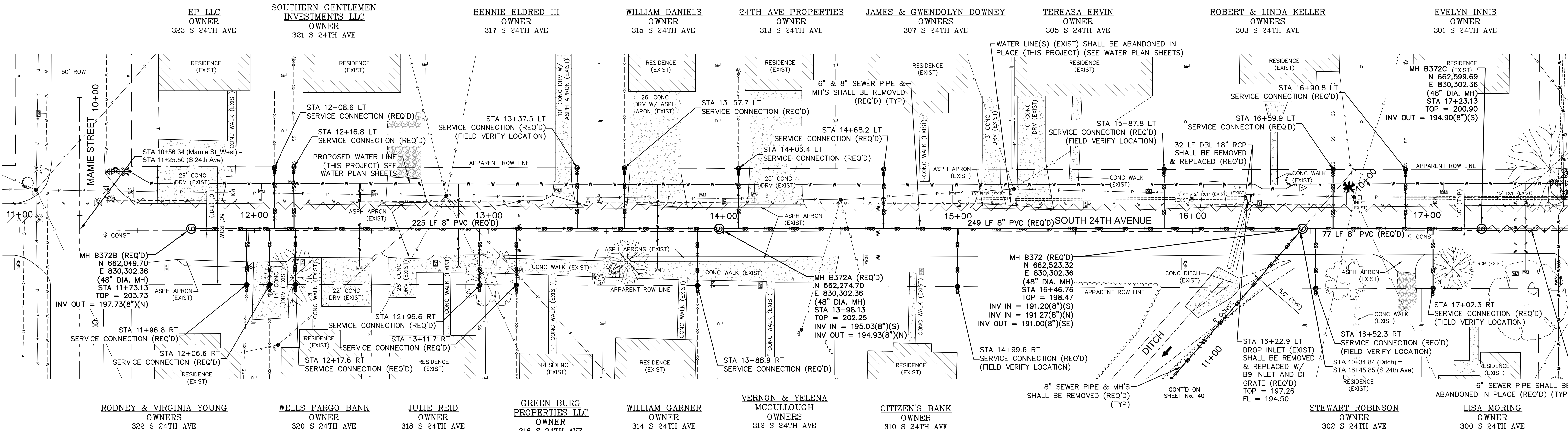
1. ALL EXISTING MANHOLES NOTED TO BE REMOVED SHALL BE REMOVED ENTIRELY. REMOVED ITEMS SHALL BE DISPOSED OF APPROPRIATELY.
2. ALL EXISTING MANHOLES NOTED TO BE ABANDONED, SHALL BE PAID FOR PER EACH AND SHALL BE MODIFIED AS FOLLOWS:
 - 2.1. REMOVE AND DISPOSE OF SANITARY WASTE.
 - 2.2. REMOVE COVER, FRAME AND THE TOP 36" OF MANHOLE STRUCTURE. DISPOSE OF REMOVED OBJECTS APPROPRIATELY.
 - 2.3. FILL THE MANHOLE WITH SAND.
 - 2.4. CAP THE MANHOLE WITH 3000 PSI, NON-REINFORCED CONCRETE (6" DEPTH).
 - 2.5. BACKFILL WITH NATIVE SOIL MATERIAL AND/OR FILL MATERIAL (CL B9) AND COMPACT. GRADE TO DRAIN AS REQUIRED. GRASS DISTURBED AREA OR REPAIR PAVEMENT AREAS.
3. ALL EXISTING SEWER PIPES NOTED TO BE REMOVED, SHALL BE REMOVED ENTIRELY. (NO SEPARATE PAY)
4. ALL EXISTING SEWER PIPES NOTED TO BE ABANDONED SHALL BE PAID FOR BY LINEAR FOOT AND SHALL BE MODIFIED AS FOLLOWS:
 - 4.1. REMOVE AND DISPOSE OF SANITARY WASTE.
 - 4.2. FILL THE PIPE WITH FLOWABLE FILL.
 - 4.3. PLUG ENDS.
5. WHERE ABANDONED SEWER PIPES AND/OR MANHOLES CONFLICT WITH THE NEW CONSTRUCTION, THE EXISTING PIPE OR MANHOLE SHALL BE REMOVED, UNLESS NOTED OTHERWISE OR DIRECTED BY THE ENGINEER.

WATER NOTES

1. ALL WORK ITEMS FOR WHICH NO PAY ITEMS ARE ESTABLISHED SHALL BE ABSORBED IN THE COST OF THE PIPE LAYING OPERATION.
2. NO PIPE SHALL BE LAID IN THE PRESENCE OF WATER.
3. WHERE THE WATER MAIN IS WITHIN 10 FEET OF A SEWER MAIN HORIZONTALLY, THE BOTTOM OF THE WATER MAIN SHALL BE AT LEAST 18" FROM THE TOP OF THE SEWER MAIN, UNLESS OTHERWISE NOTED.
4. ALL STEEL CASINGS SHALL BE 0.250" WALL THICKNESS, UNLESS OTHERWISE NOTED, AND OF THE SIZE AS NOTED ON THESE PLANS.
5. ALL ROAD BORES SHALL BE IN ACCORDANCE TO THE DETAILS.
6. ALL WATER PIPE SHALL BE DUCTILE IRON, CLASS 350, AND/OR HDPE DR 11, 200 PSI, AS NOTED ON PLANS.
7. ALL FITTINGS AND VALVES SHALL BE DUCTILE IRON WITH CONCRETE THRUST BLOCK AT ALL BENDS AND SECURED TOGETHER WITH MEGA LUG CONNECTIONS. ALL TEES AND VALVES SHALL BE SECURED TOGETHER AS ONE UNIT. VALVES AND FIRE HYDRANTS SHALL BE SECURED TOGETHER BUT SEPARATE FROM THE TEE AND OTHER VALVES. ALL FITTINGS, EXCEPT VALVES SHALL BE ABSORBED ITEMS.
8. ALL BENDS SHOWN IN THE PROPOSED WATERLINE SHALL BE ACCOMPLISHED THROUGH THE USE OF THE REQUIRED FITTINGS (22.5°, 30°, 45°...). SINGLE 90° BEND FITTINGS SHALL NOT BE PERMITTED UNLESS SPECIFICALLY NOTED ON THE PLANS AND/OR APPROVED BY THE ENGINEER. 90° BENDS SHALL BE ACCOMPLISHED BY USING MULTIPLE SMALLER BEND FITTINGS. BENDS SHOWN ON THE PLAN SHEETS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO BIDDING AND CONSTRUCTION. ONLY MAJOR BENDS ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FITTINGS NECESSARY TO INSTALL THE PROPOSED WATER LINE. (NO SEPARATE PAY) TEES AND CROSSES SHALL BE PAID FOR UNDER THE CONNECTION ITEM.
9. ALL PROPOSED FIRE HYDRANTS SHOWN FOR INSTALLATION ON THE PLANS SHEETS SHALL BE 3-WAY HYDRANTS AS DETAILED. ALL HYDRANTS SHALL BE SAFETY YELLOW IN COLOR FROM THE MANUFACTURER. ACCEPTABLE FIRE HYDRANTS SHALL BE M & H, MUELLER AND AMERICAN DARLING.
10. FULL LENGTH PIPE SECTIONS ARE REQUIRED BEFORE AND AFTER ALL FITTINGS.
11. ALL VALVES NOTED ON THESE PLANS SHALL BE GATE VALVES.
12. ALL EXISTING WATER LINES NOTED FOR ABANDONMENT ON THIS PROJECT SHALL BE COMPLETELY DISCONNECTED FROM THE EXISTING SYSTEM AND CAPPED.
13. PRESSURE TESTS WILL BE REQUIRED ON ALL WATER MAIN INSTALLED.
14. ALL NEW CONSTRUCTION TO BE FLUSHED WITH CLOSE SUPERVISION OF THE SYSTEM OPERATOR.
15. ALL BACTI-SAMPLES SHALL BE TAKEN BY THE SYSTEM OPERATOR OR HIS REPRESENTATIVES. ANY AND ALL SAMPLING FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
16. WATER SERVICE NOTES:
 - 16.1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING WATER METERS ALONG ALL STREETS WITHIN THE PROJECT AREA WHICH ARE NOTED FOR WATER MAIN CONSTRUCTION. SOME METERS MAY NOT HAVE BEEN LOCATED DURING THE DESIGN PHASE OF THIS PROJECT DUE TO FIELD CONDITIONS. HOWEVER, ALL METERS WITHIN THE PROJECT AREA SHALL BE RECONNECTED.
 - 16.2. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONNECTING ANY SERVICE, WHICH IS PRESENTLY CONNECTED TO AN EXISTING WATER MAIN THAT IS NOTED FOR ABANDONMENT ON THIS PROJECT, TO AN ADJACENT PROPOSED WATER LINE (SEE PLAN SHEETS).
 - 16.3. A CRITERIA FOR THIS PROJECT IS TO ELIMINATE UNDER SIZED (UNDER 4" DIAMETER) WATER MAINS WITHIN THE PROJECT AREA. WATER SERVICES SHALL BE RECONNECTED TO AN ADJACENT EXISTING LARGE WATER MAIN (4" DIAMETER AND OVER).
 - 16.4. SERVICE CONNECTIONS SHALL INCLUDE (BUT MAY NOT BE LIMITED TO) TAPPING SADDLE, CORPORATION STOP, SERVICE LINE (LENGTH AS REQUIRED) OF MATCHING SIZE AND/OR ALL NECESSARY FITTINGS. SERVICE RECONNECTIONS SHALL BE PAID PER EACH AS OUTLINED IN THE BID DOCUMENTS. SERVICE CONNECTION SHALL INCLUDE CONNECTION TO THE MAIN AND THE CONNECTION TO NEW OR EXISTING WATER METERS.
 - 16.5. NEW SERVICE CONNECTIONS SHALL BE INSTALLED AS ONE CONTINUOUS PIPE FROM THE WATER MAIN TO THE METER. SPLICES SHALL NOT BE ALLOWED. THE ENTIRE SERVICE BETWEEN THE METER AND THE NEW MAIN SHALL BE REPLACED. SERVICE LINE BORES SHALL BE PAID SEPARATELY.
 - 16.6. METERS SHALL ONLY BE INSTALLED WHERE NOTED ON THE PLANS AND SHALL BE PAID SEPARATELY. METERS SHALL MATCH SERVICE LINE SIZE AND BE OF BRAND/TYPE SPECIFIED BY THE OWNER,
 - 16.7. THE CONTRACTOR SHALL TAKE NOTE THAT THERE ARE SERVICES SHOWN ON THE PLANS TO BE DISCONNECTED FROM EXISTING WATER MAINS AND RECONNECTED TO AN EXISTING WATER MAIN. THIS SERVICE CONNECTION ITEM SHALL BE PAID UNDER "RECONNECTION OF WATER SERVICE" AND SHALL INCLUDE TAPPING SADDLE, CORPORATION STOP, SERVICE LINE (LENGTH AS REQUIRED) OF MATCHING SIZE AND/OR ALL NECESSARY FITTINGS. SERVICE CONNECTION SHALL INCLUDE CONNECTION TO THE EXISTING MAIN AND THE CONNECTION TO THE EXISTING METER. THE ENTIRE SERVICE BETWEEN THE METER AND THE EXISTING MAIN SHALL BE REPLACED. SERVICE LINE BORES SHALL BE PAID SEPARATELY.
 - 16.8. ALL NEW WATER METERS SHALL BE BADGER RADIO READ. ALL SERVICE FITTINGS SHALL BE FORD BRAND, ONLY.

1	02/08/2018	REVISED PER COMMENTS	SLS
NO.	DATE	DESCRIPTION	BY
GENERAL NOTES			
COMSWIP SEWER PROJECT PHASE VIII CITY OF HATTIESBURG FORREST COUNTY, MISSISSIPPI			
 Engineering Progress 301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by: RES\BT		Checked by: JTW	Scale: NONE
Date: 12-11-2017		Working No. <u>GN1</u>	
Drawing No.: 1273-S010		Sheet No. <u>5</u>	

CONTROL MONUMENT - 1
GUARDED 604 GALV MAG NAIL
N 662,523.19
E 830,284.86
18.5 FT LT STA. 16+46.68

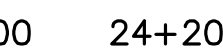


SOUTH 24TH AVENUE STA 11+00 - STA 17+60

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

DRAWN BY: RES/LAT		DATE: 12-11-2017		CHECKED BY: JTW	
DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V	SDW Engineering Progress	
				301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com	
				DRAWING No. 1273-S010	
				WORKING No. PnP 1	
				SHEET No. 6	

CONTROL MONUMENT 2
GUARDED 60d GALV MAG NAIL
N 662,904.58
E 830,283.18
20.4 FT LT STA. 20+27.79



	DRAWING NO. 1273-S010
	WORKING No. <u>Pn</u> SHEET NO. <u>7</u>

301 Second Ave. | Hattiesburg, MS 39401 | (n) 601 544 1821 | (f) 601 544 0501 | sdw.com

	DRAWING NO. 1273-S010
	WORKING No. <u>Pn</u> SHEET NO. <u>7</u>

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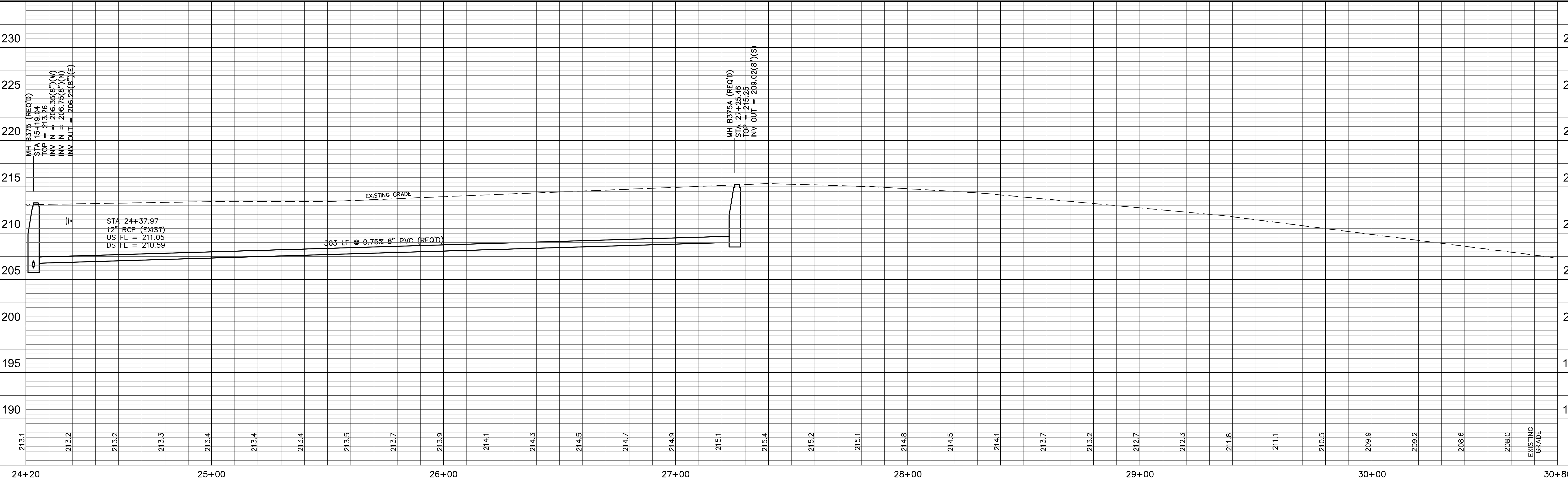
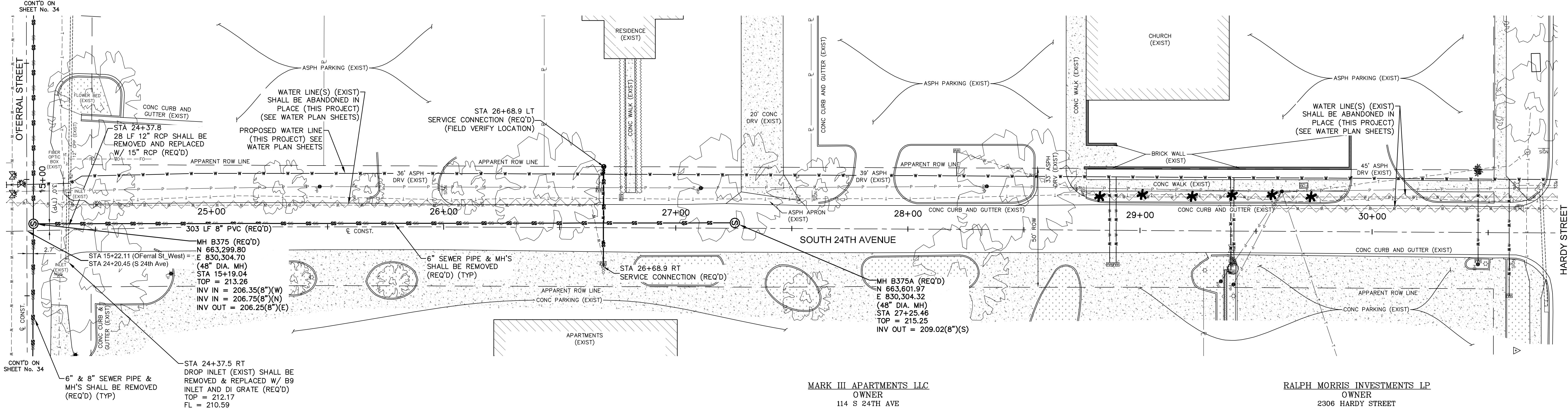
CONTROL MONUMENT - 3
GUARDED 60# GALV MAG NAIL
N 663.342.31
E 830.321.57
14.9 FT RT STA. 20+27.79

PARKWAY HEIGHTS UNITED
METHODIST CHURCH
OWNER
121 S 24TH AVE

BOARD OF TRUSTEES OF
PARKWAY
OWNER
117 S 24TH AVE

PARKWAY HEIGHTS UNITED
METHODIST CHURCH
OWNER
115 S 24TH AVE

PARKWAY HEIGHTS UNITED
METHODIST CHURCH
OWNER
2400 HARDY STREET



SOUTH 24TH AVENUE STA 24+20 - STA 27+50

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

DRAWN BY: RES/LAT		DATE: 12-11-2017	
CHECKED BY: JTW		SCALE: 1" = 20' H, 1" = 5' V	
DATE	REVISION	BY	

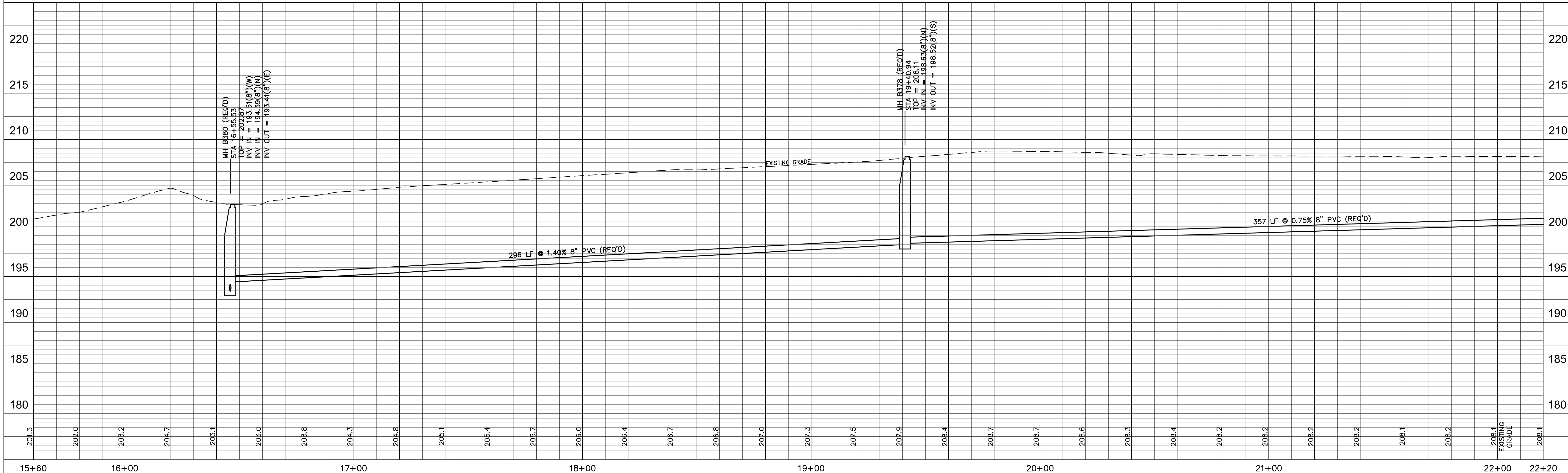
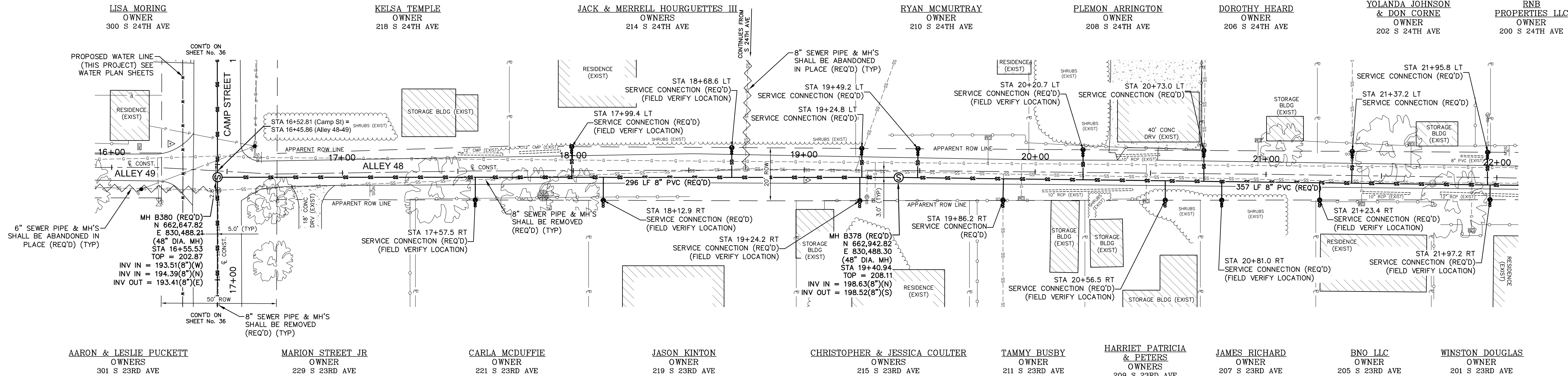


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DRAWING NO.
1273-S010
WORKING No. **PnP 3**
SHEET NO. **8**

CONTROL MONUMENT - 5
GUARDED 60d GALV MAG NAIL
N 662,627.40
E 830,473.71
10.6 FT LT STA 16+24.79

CONTROL MONUMENT - 6
GUARDED 60d GALV MAG NAIL
N 662,902.79
E 830,489.42
4.4 FT RT STA 19+00.85



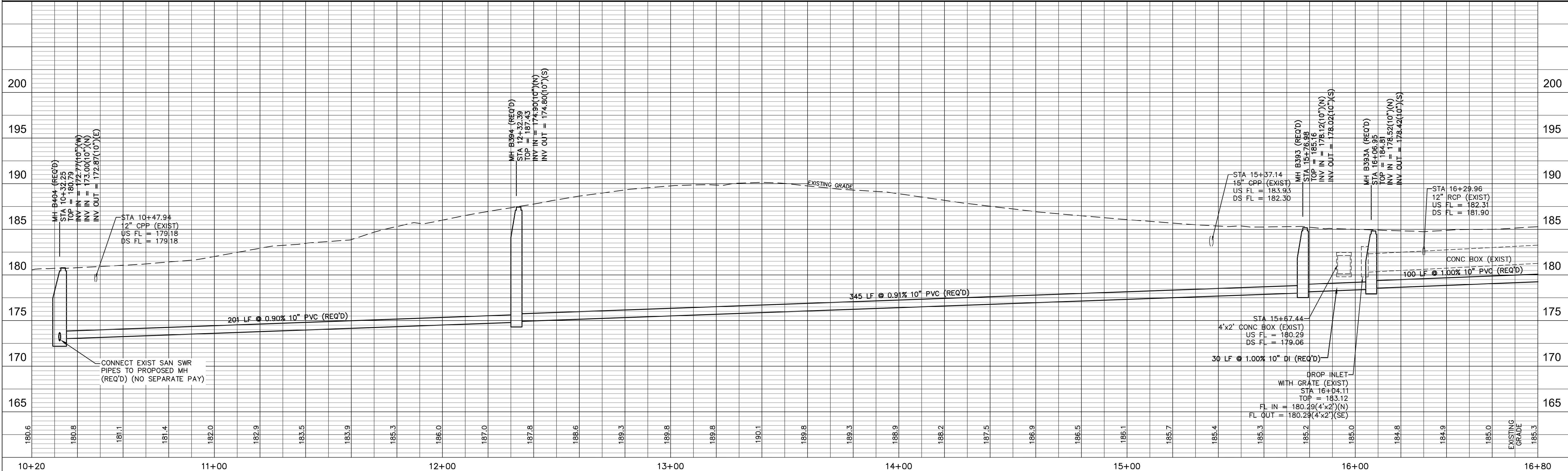
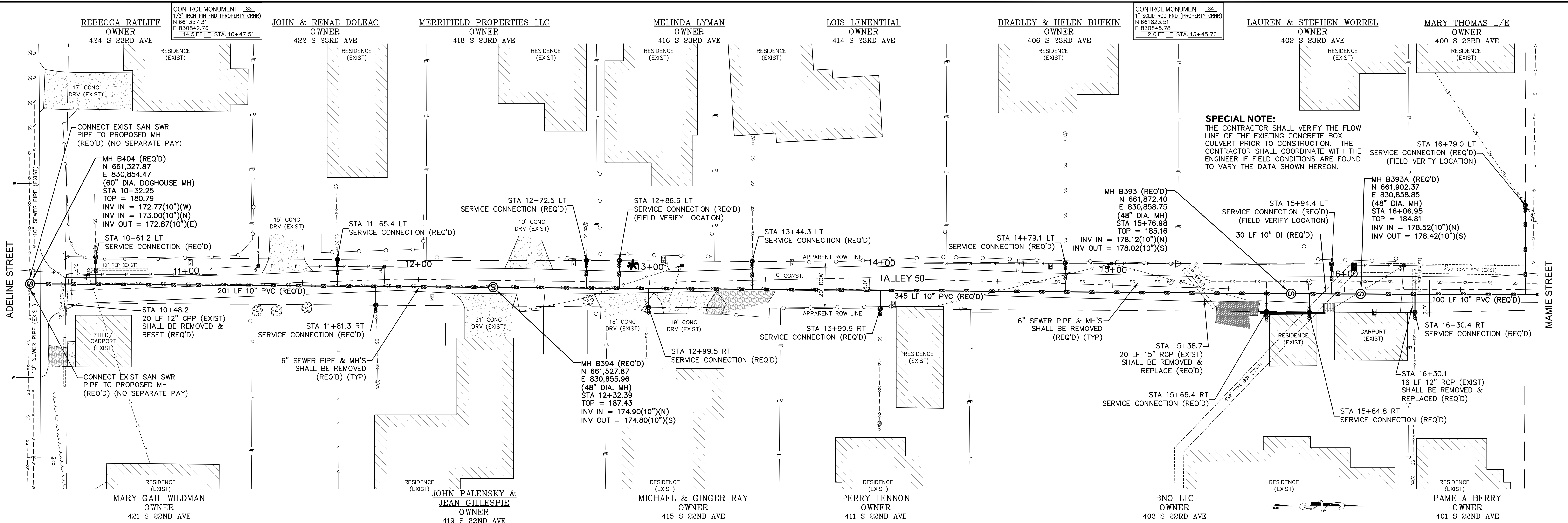
ALLEY 48 STA 16+00 - STA 22+20

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

			DRAWN BY: RES/LAT		DRAWING NO. 1273-S010
			DATE: 12-11-2017		
			CHECKED BY: JTW		
DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V	301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sdw-w.com	WORKING No. PnP 5 SHEET NO. 10

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ALLEY 50 STA 10+20 - STA 16+80

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

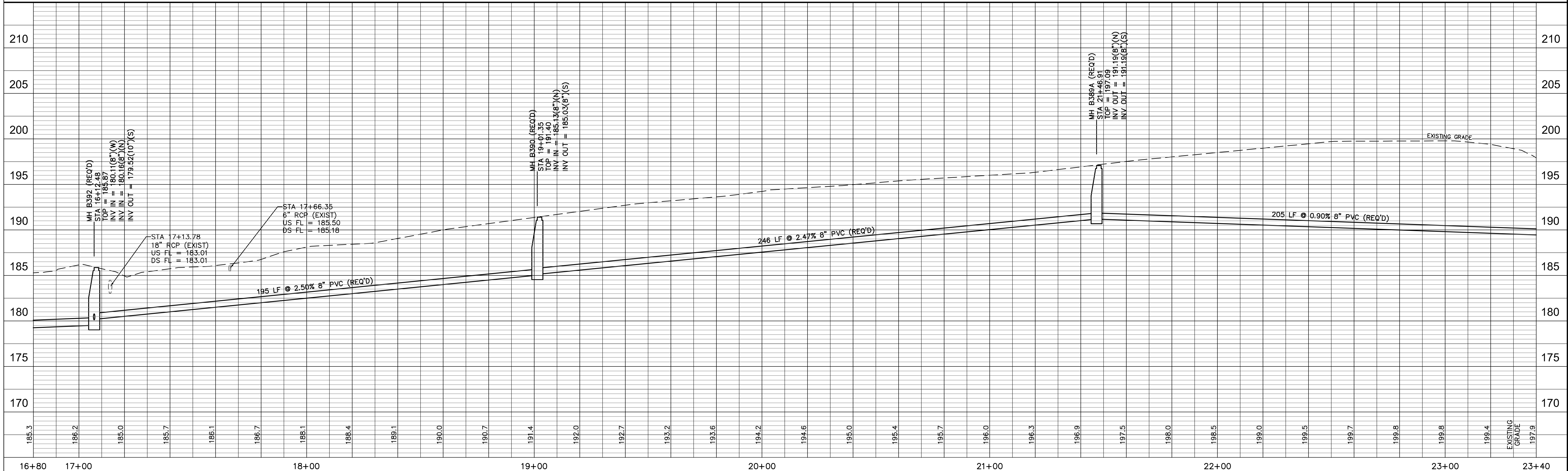
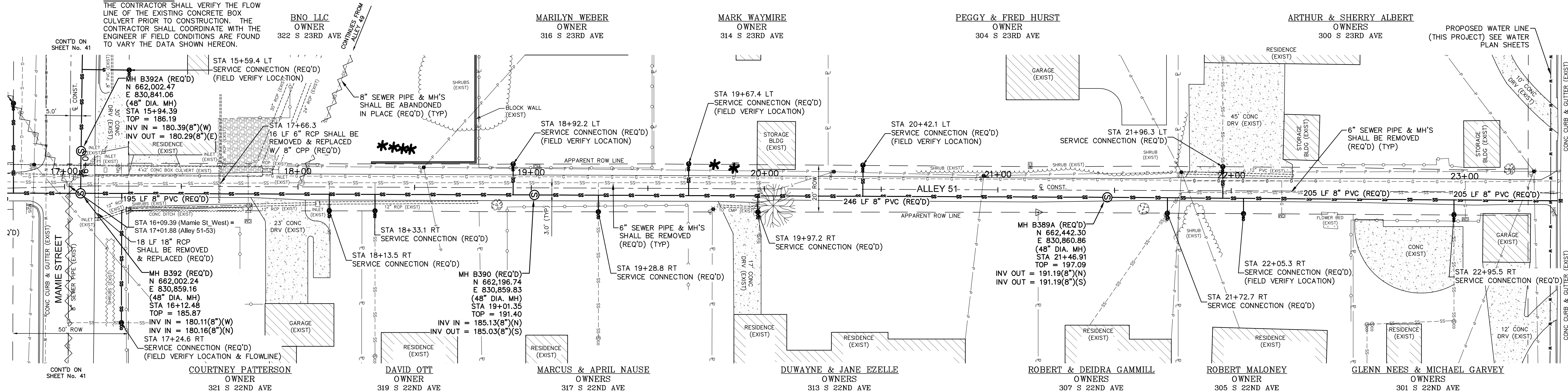
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CONTROL MONUMENT .35
1/2" IRON PIN FND (PROPERTY CORNER)
N 662,022.85
E 830,859.02
10.6 FT RT STA 17+27.50

CONTROL MONUMENT .36
3/4" CIP FND (PROPERTY CORNER)
N 662,512.64
E 830,867.28
9.6 FT RT STA 21+17.29

SPECIAL NOTE:

THE CONTRACTOR SHALL VERIFY THE FLOW LINE OF THE EXISTING CONCRETE BOX CULVERT PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER IF FIELD CONDITIONS ARE FOUND TO VARY THE DATA SHOWN HEREON.



ALLEY 51 STA 16+80 - STA 23+40

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

DATE	REVISION	BY

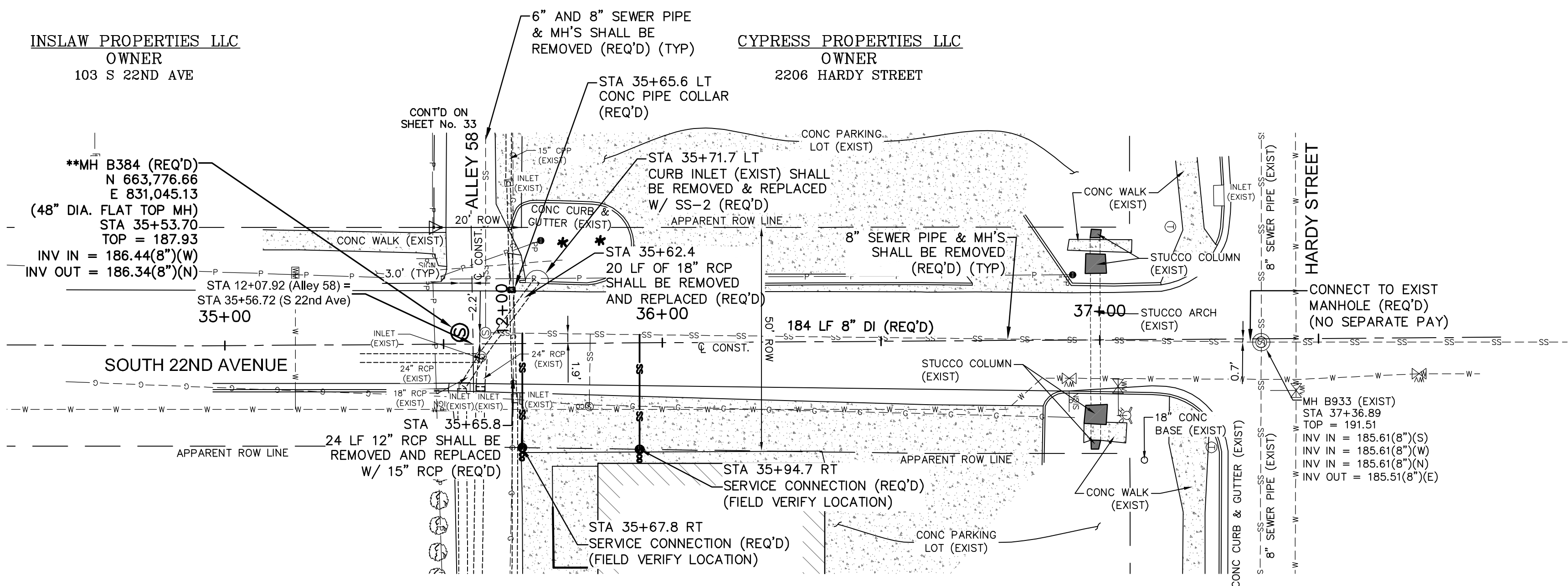
DRAWN BY: RES/LAT DATE: 12-11-2017 CHECKED BY: JTW SCALE: 1" = 20' H, 1" = 5' V	sdw Engineering Progress 301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com	DRAWING NO. 1273-S010 WORKING No. PnF 8 SHEET NO. 13
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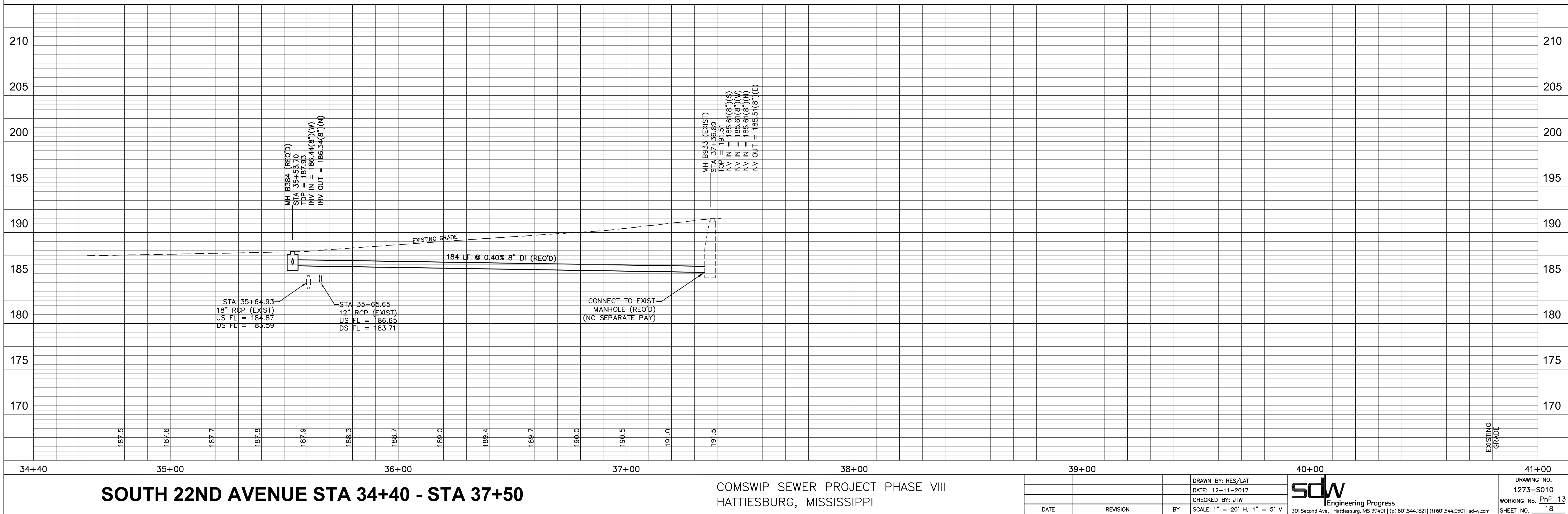
MANHOLE LID SHALL BE BOLTED
AND SEALED.

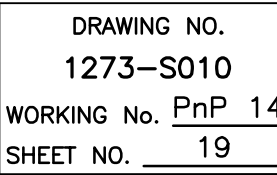
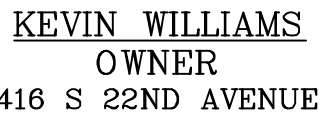
CONTROL MONUMENT 40
3/4" IRON PIN FOUND (PROPERTY CRNR)
N 663770.74
E 831021.14
26.7 FT LT STA. 35+47.94

CYPRESS PROPERTIES LLC
OWNER
2206 HARDY STREET



GENE & BRENDA OWENS
OWNERS
2208 HARDY STREET





DENISE THOMAS
OWNER
216 S 23ND AVENUE

MIKE & JACLYN GARVEY
OWNERS

KEVIN WILLIAMS
OWNER
416 S 22ND AVENUE

JAMES & ROBIN BARWICK
OWNER
412 S 22ND AVENUE

KEVIN LAPORTE
OWNER
410 S 22ND AVENUE

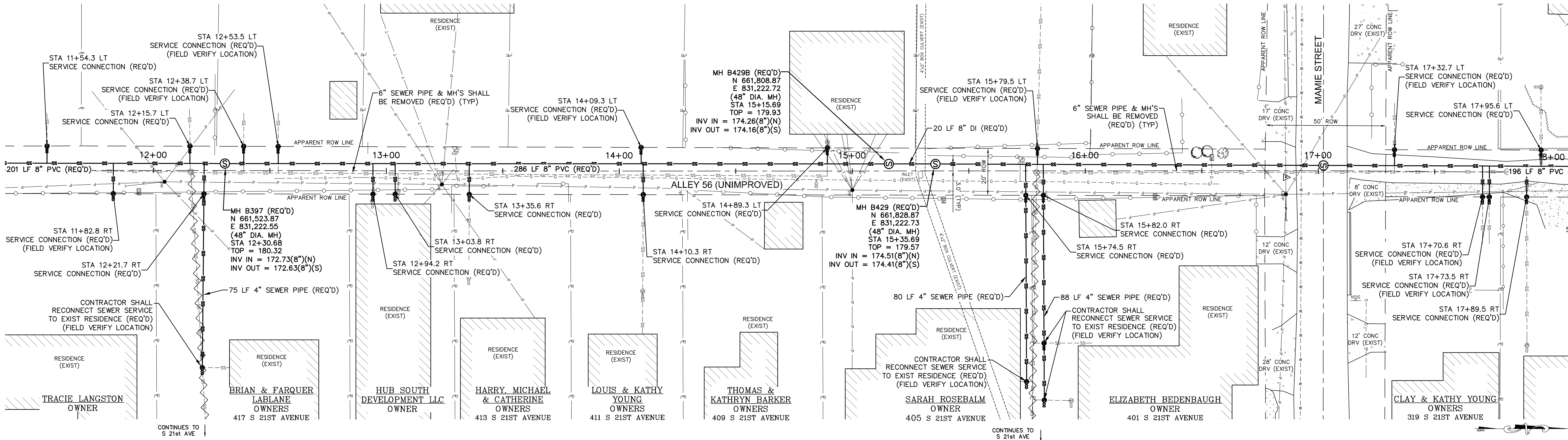
RANDY & CHERILYN THOMAS
OWNERS
406 S 22ND AVENUE

SHAWN NICHOLS
OWNER
404 S 22ND AVENUE

DAVID VANCE
OWNER
400 S 22ND AVENUE

LALA NOBLE
OWNER
322 S 22ND AVENUE

CONTROL MONUMENT 10
GUARDED 60d GALV MAG NAIL
N 852.784.02
E 831.906.35
2.7 FT RT STA 16+86.1



SPECIAL NOTE:
THE CONTRACTOR SHALL VERIFY THE FLOW LINE OF THE EXISTING CONCRETE BOX CULVERT PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER IF FIELD CONDITIONS ARE FOUND TO VARY THE DATA SHOWN HEREON.



ALLEY 56 STA 11+40 - STA 18+00

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

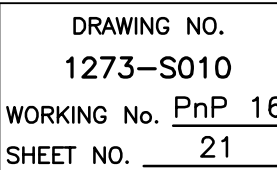
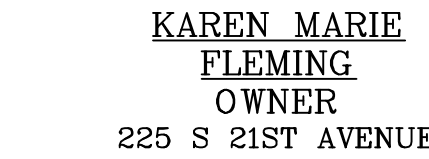
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DATE: 12-11-2017
CHECKED BY: JW
SCALE: 1" = 20' H, 1" = 5' V

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DRAWING NO.
1273-S010
WORKING No. PnP 15
SHEET NO. 20



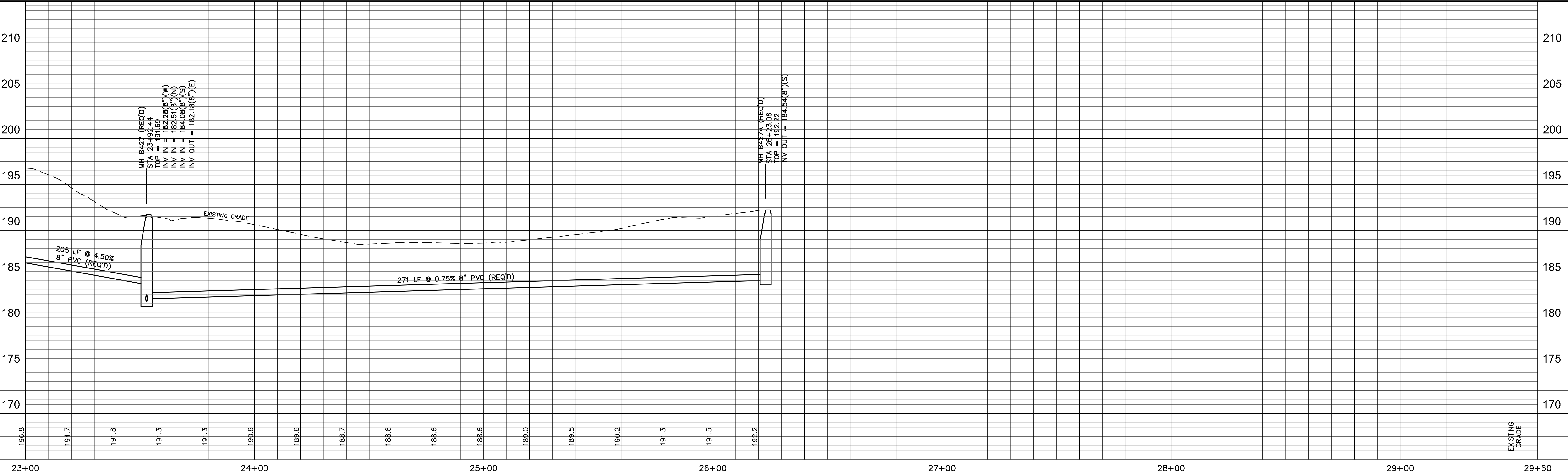
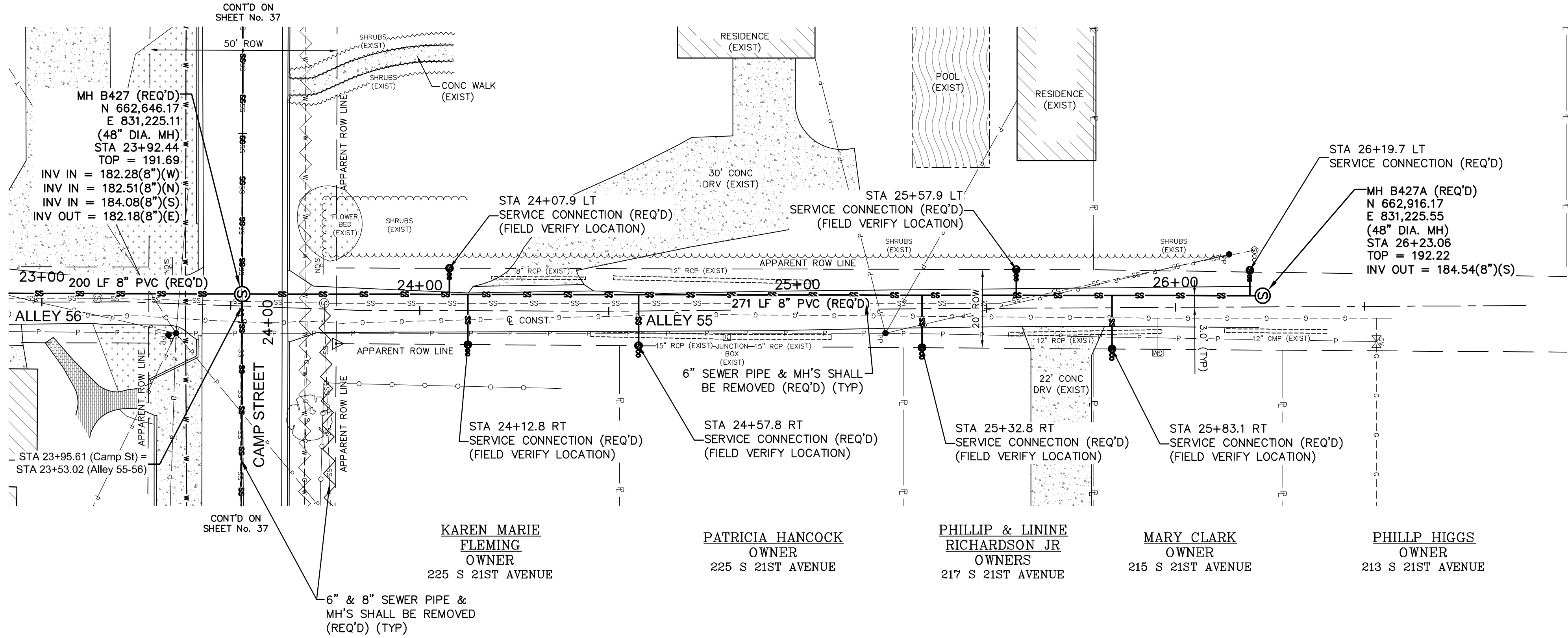
COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI



CONTROL MONUMENT - 11
1/2" ROUND IRON PIN AT PROPERTY CORNER
N 662.71.04
E 831.238.22
9.0 FT RT STA. 23+78.24

CAROLYN BEDENBAUGH
OWNER
220 S 22ND AVENUE

HARMONY ALBERT
OWNER
212 S 22ND AVENUE



ALLEY 55 STA 23+00 - STA 26+50

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

DRAWN BY: RES/LAT	DATE: 12-11-2017
CHECKED BY: JTW	SCALE: 1" = 20' H, 1" = 5' V
DATE	REVISION



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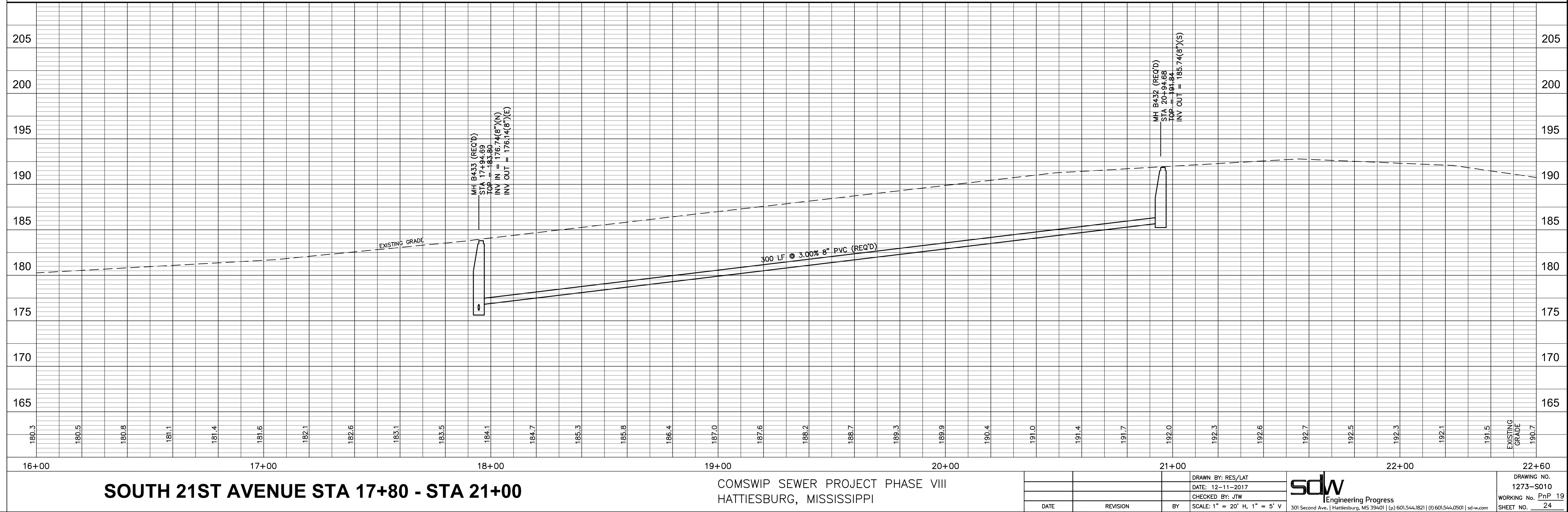
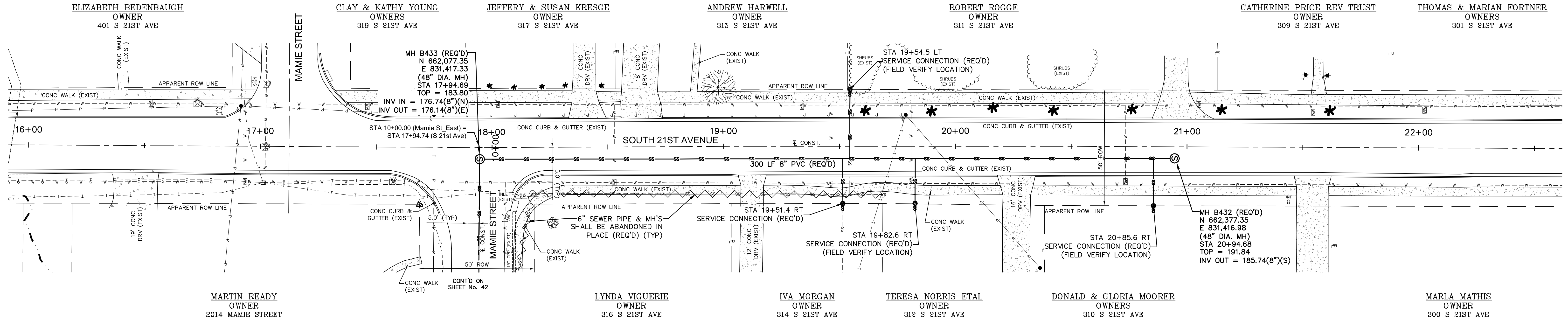
DRAWING NO.
1273-S010

WORKING No. PnP 17

SHEET NO. 22

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CONTROL MONUMENT - 13
1/2" ROUND IRON PIN AT PROPERTY CORNER
N 662,067.35
E 831,436.77
24.6 FT RT STA. 17+68.81



SOUTH 21ST AVENUE STA 17+80 - STA 21+00

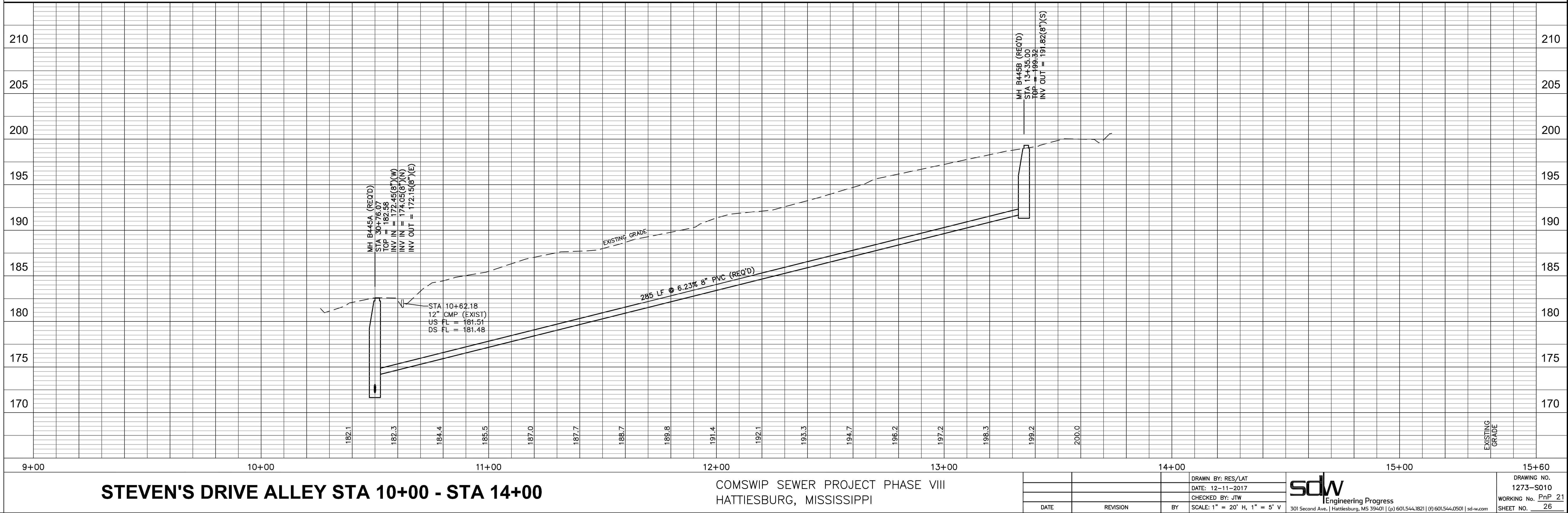
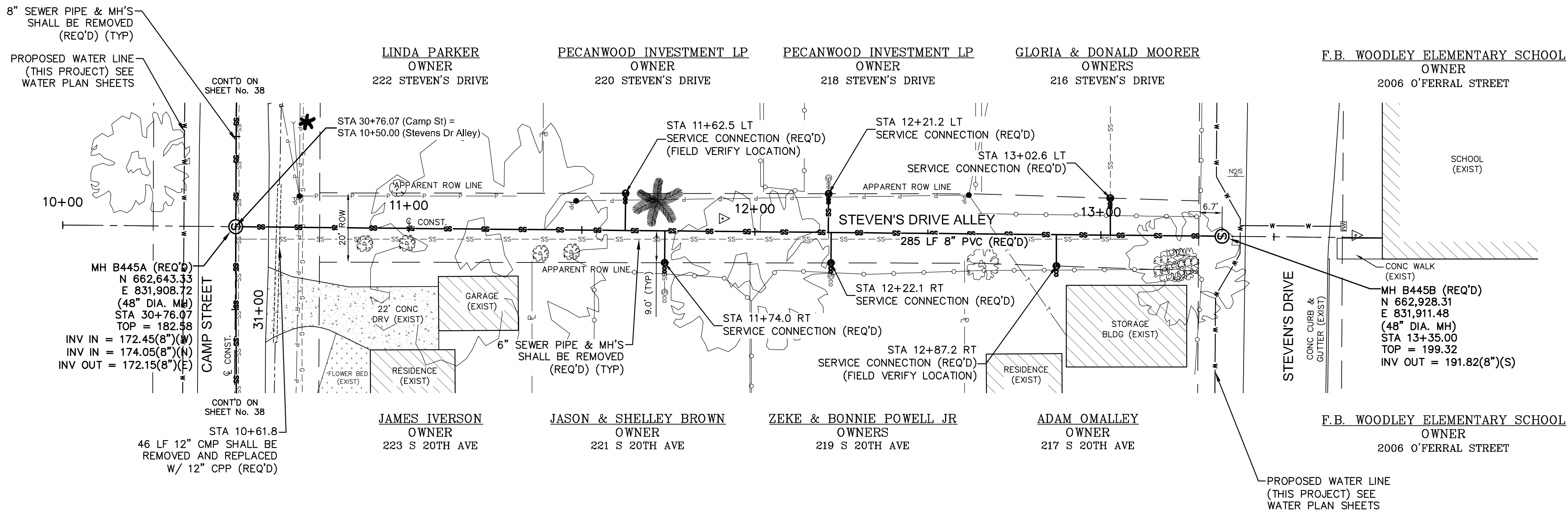
COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V

DRAWN BY: RES/LAT DATE: 12-11-2017 CHECKED BY: JTW	sdw Engineering Progress 301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com	DRAWING NO. 1273-S010 WORKING No. PnP 19 SHEET NO. 24
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CONTROL MONUMENT -14
GUARDED 60d GALV MAG NAIL
N 662.784.02
E 831.906.35
3.7 FT LT STA. 11+90.67

CONTROL MONUMENT -15
GUARDED 60d GALV MAG NAIL
N 662.956.93
E 831.911.19
3.7 FT LT STA. 13+73.62



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CONTROL MONUMENT -16-
1/2" ROUND IRON PIN
N 661,679.26
E 832,060.03
3 FT LT STA. 10+00

CONTROL MONUMENT -17-
3/4" CRMP TOP AT PROPERTY CORNER
N 661,719.45
E 832,035.55
25 FT LT STA. 10+50.10

CONTROL MONUMENT -18-
GUARDED 60d GALV MAG NAIL
N 661,870.13
E 832,068.18
7.1 FT RT STA. 11+90.89

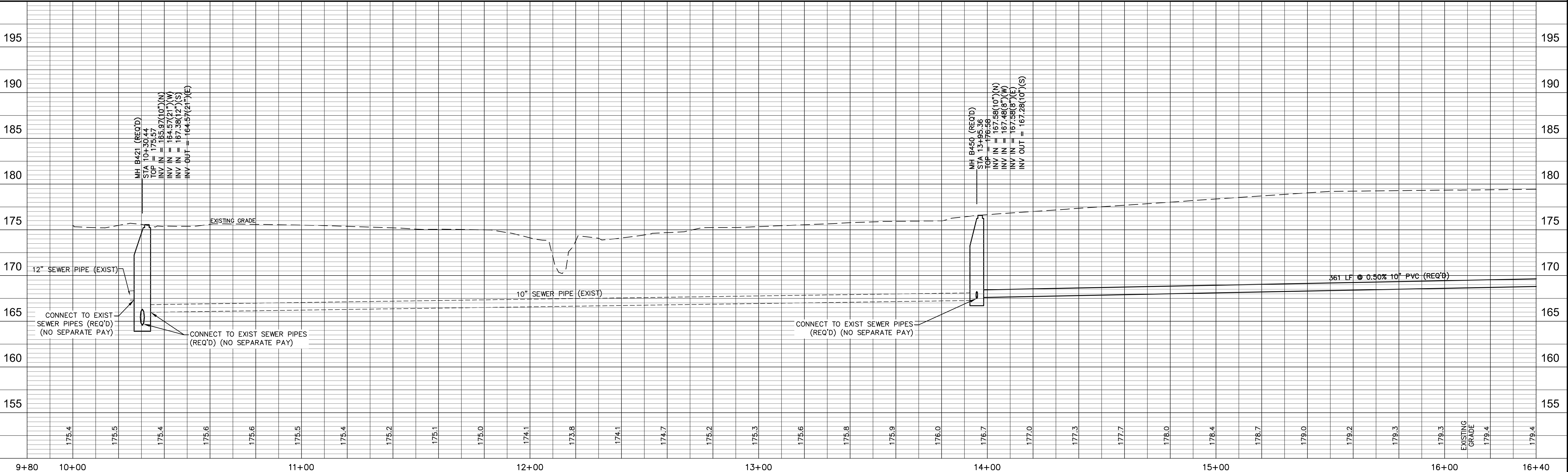
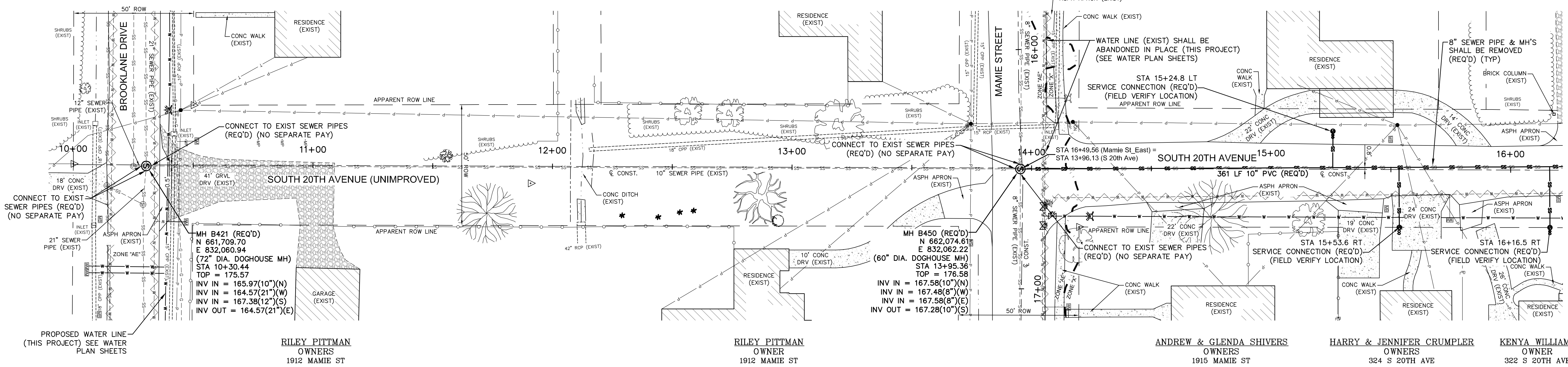
CONTROL MONUMENT -19-
1/2" ROUND IRON PIN AT PROPERTY CORNER
N 662,299.12
E 832,086.41
24.5 FT RT STA. 14+19.96

MARVIN COURTNEY JR
OWNER
2001 BROOKLANE DR

BILLY & ELIZABETH MALOY JR
OWNER
2000 MAMIE ST

JOHNATHON NOONER
OWNER
2001 MAMIE ST

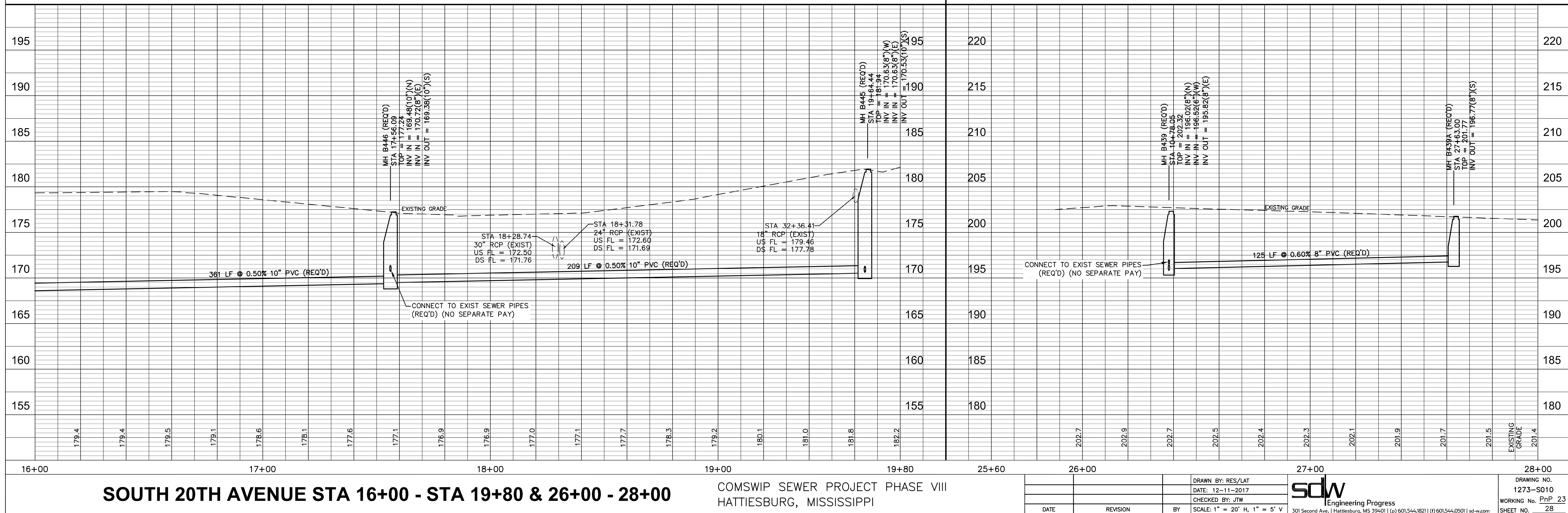
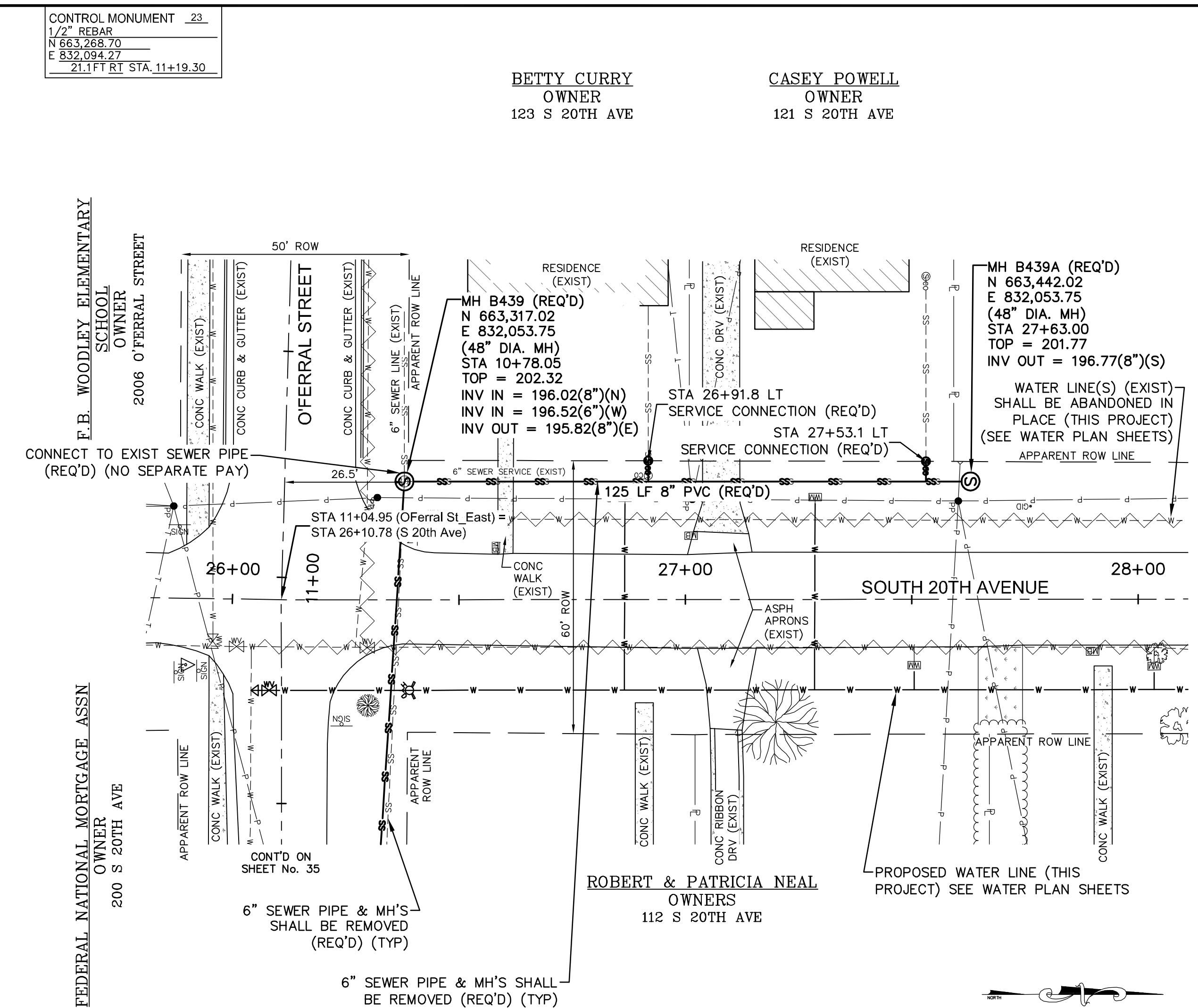
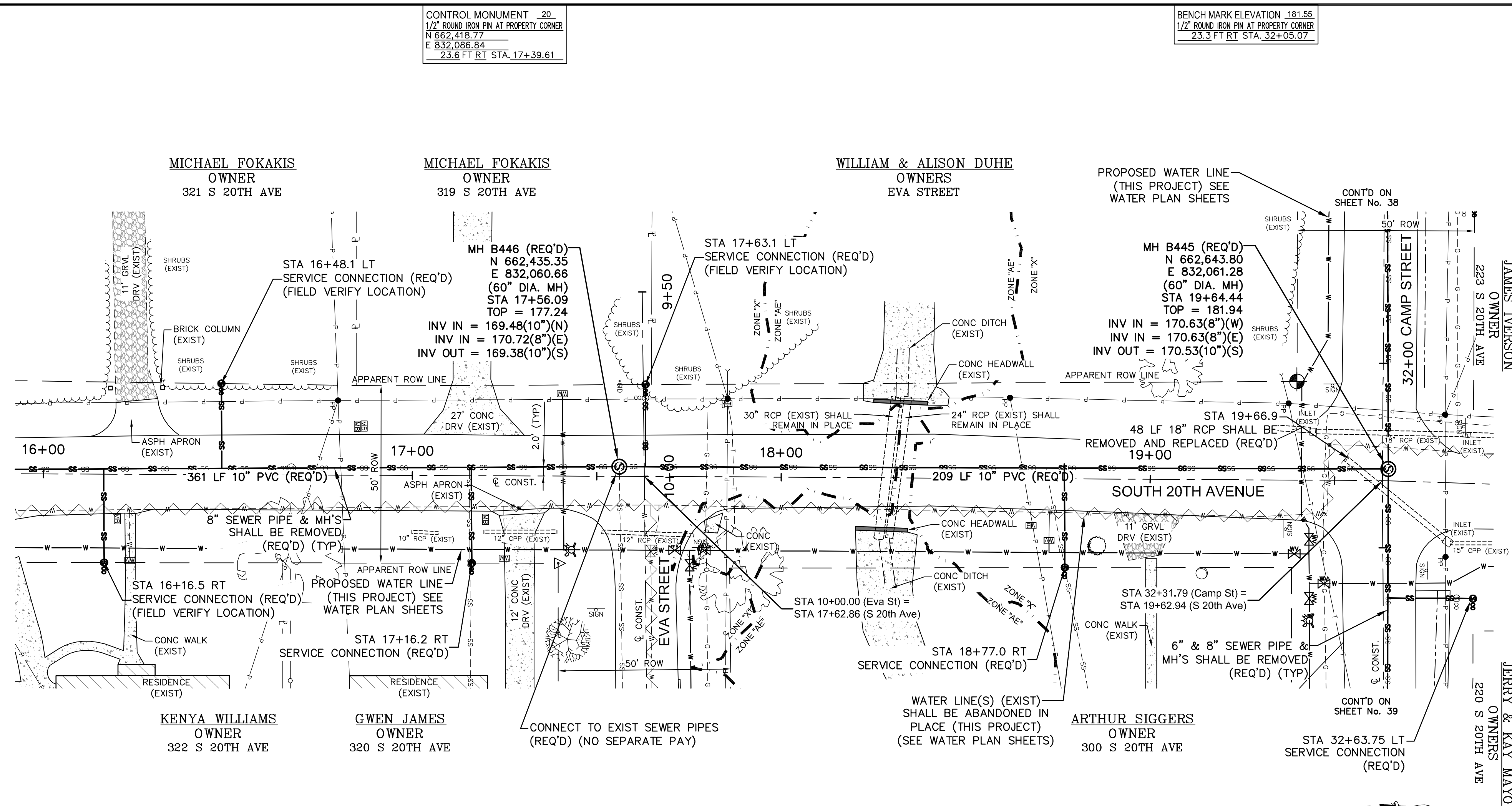
MICHAEL FOKAKIS
OWNER
321 S 20TH AVE



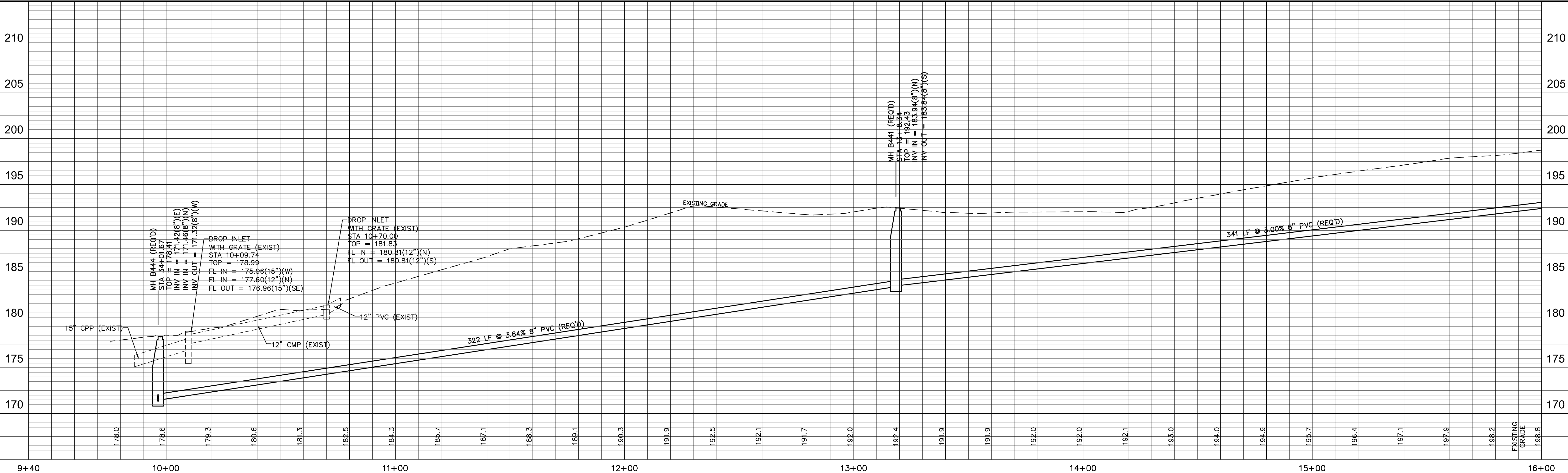
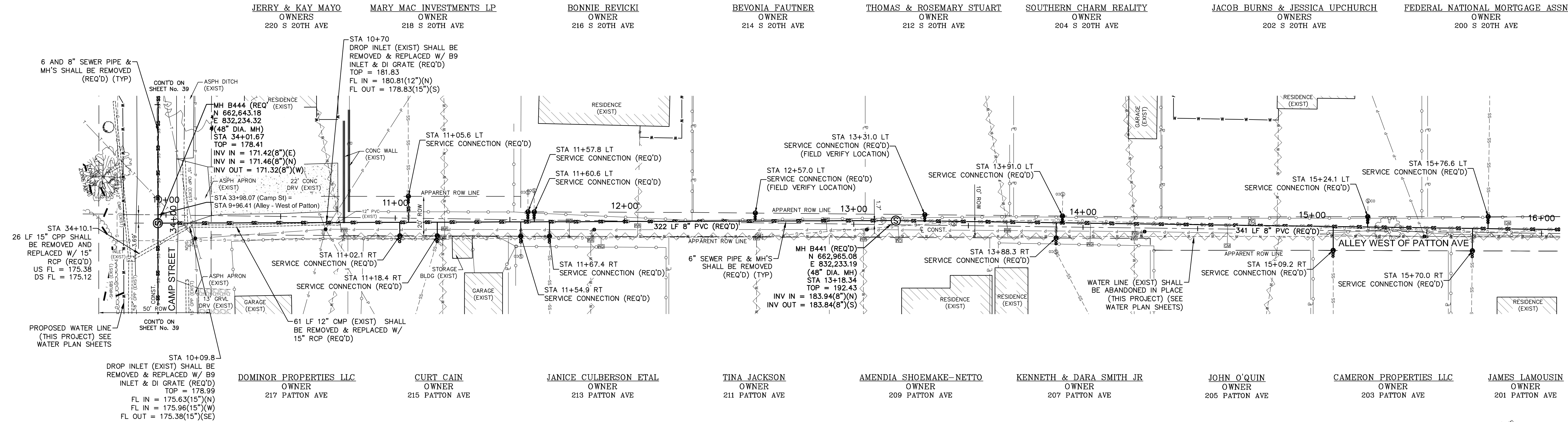
SOUTH 20TH AVENUE STA 10+00 - STA 16+40

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V	DRAWN BY: RES/LAT DATE: 12-11-2017 CHECKED BY: JTW	SDW Engineering Progress 301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com	DRAWING NO. 1273-S010 WORKING No. PnP 22 SHEET NO. 27
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CONTROL MONUMENT .31
1/2" REBAR AT PROPERTY CORNER
N 662,621.15
E 831,437.95
26 FT RT STA. 26+05.53



ALLEY WEST OF PATTON AVE STA 9+40 - STA 16+00

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

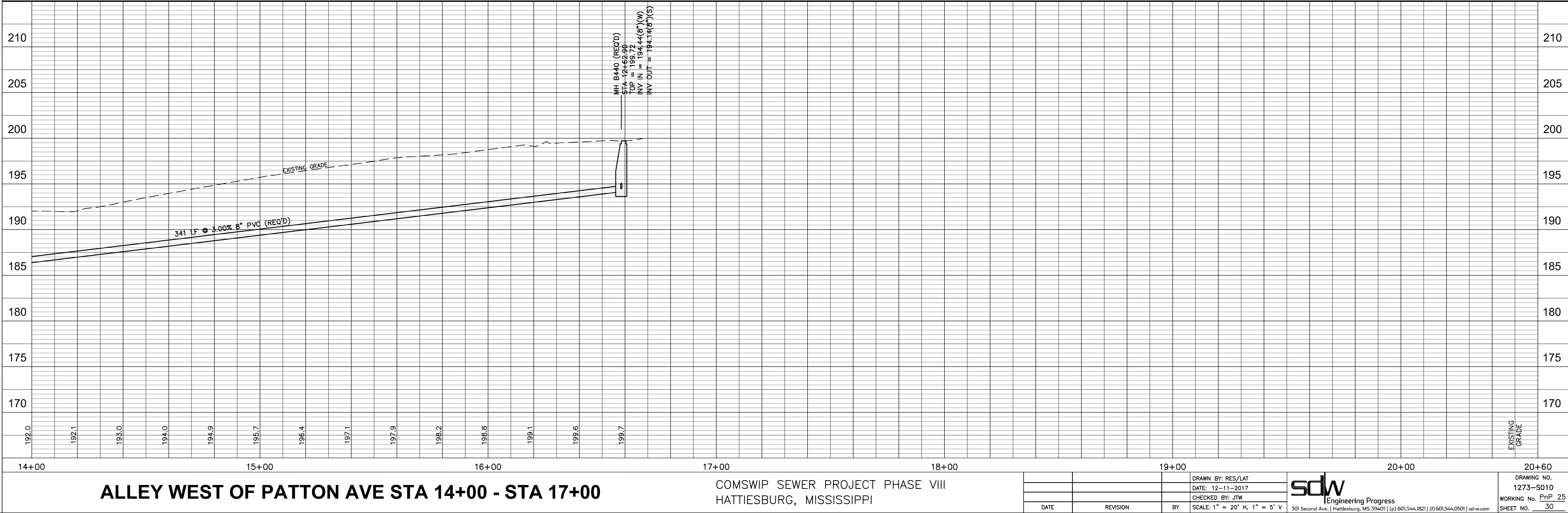
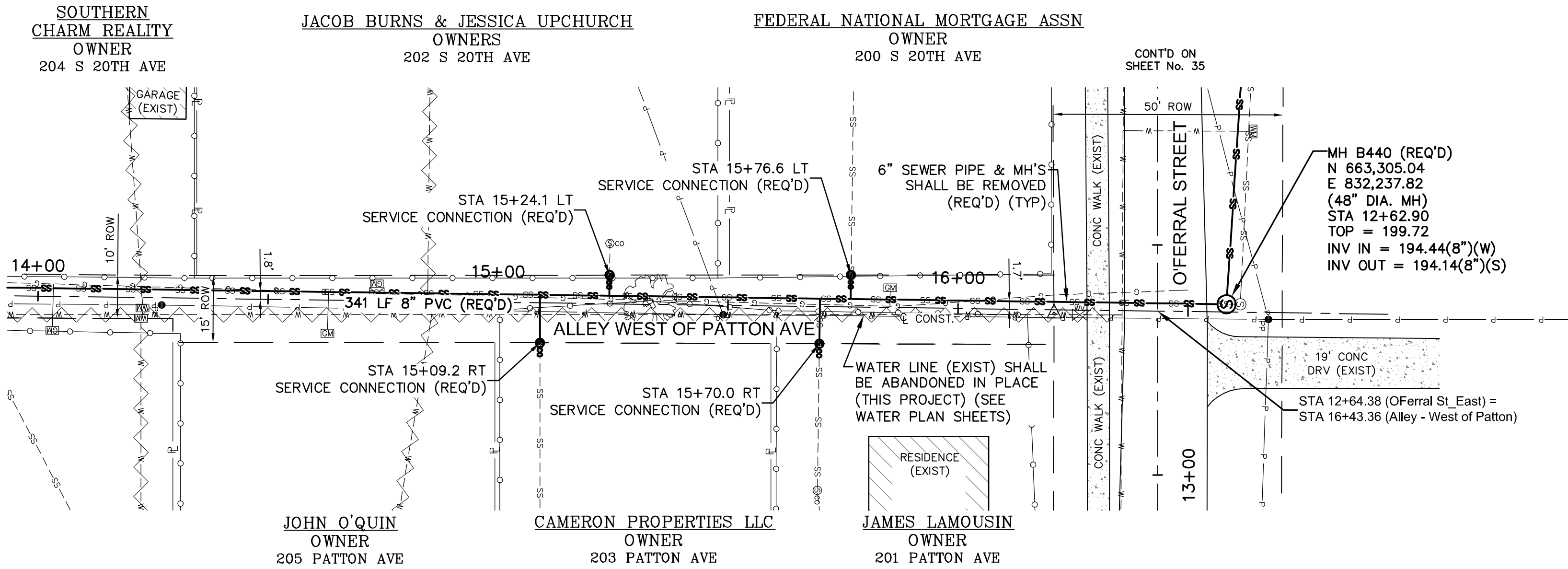
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DRAWN BY: RES/LAT	DATE: 12-11-2017
CHECKED BY: JTW	
SDW Engineering Progress	
301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com	

DRAWING NO. 1273-S010	WORKING No. PnP 24
SHEET NO. 29	

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CONTROL MONUMENT .32
1/2" REBAR AT PROPERTY CORNER
N 663,267.55
E 832,239.83
1 FT RT STA. 16+20.87



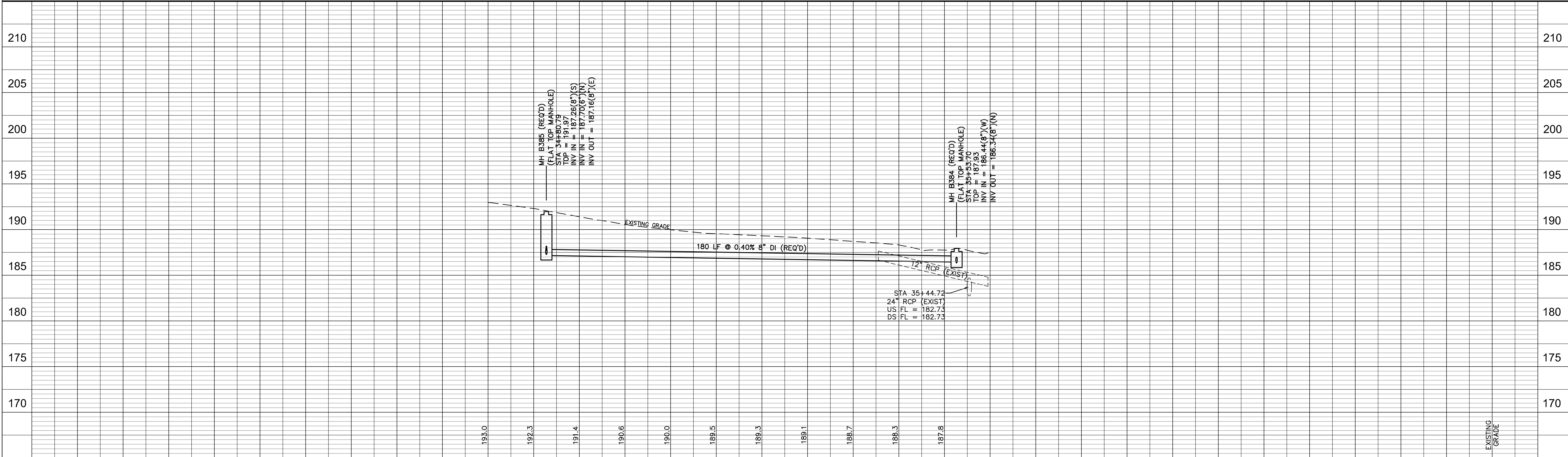
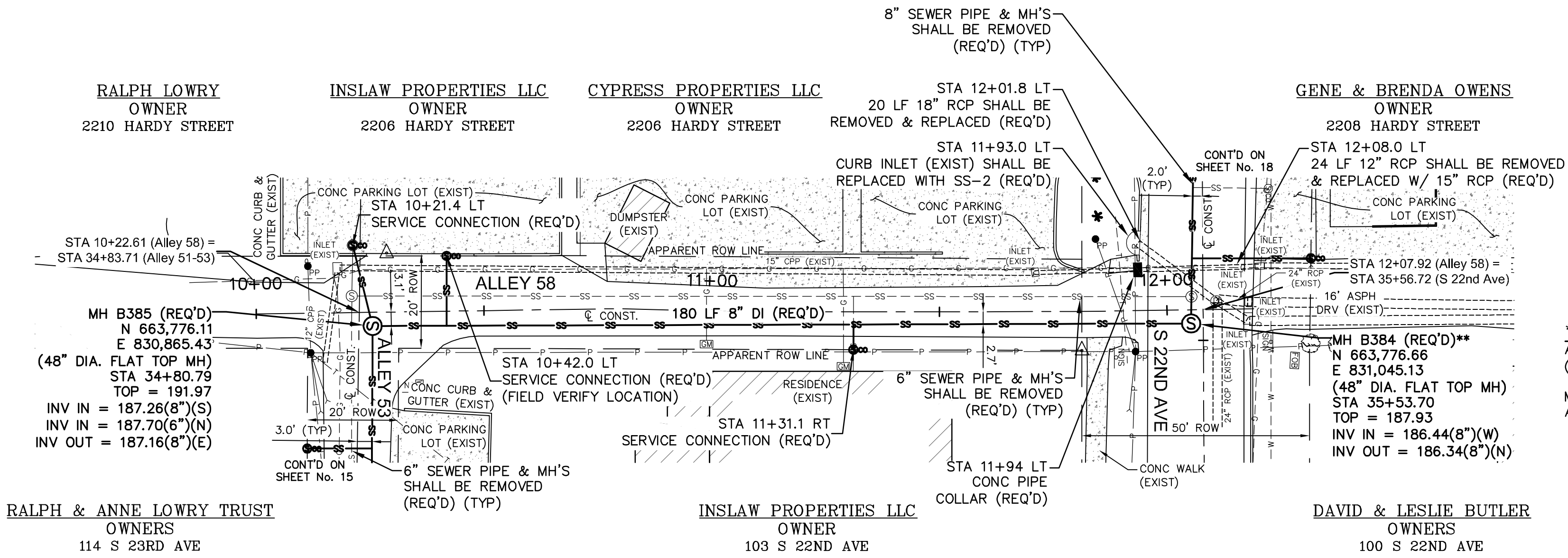


 301 Second Ave., Littleton, MS 39401 (601) 544-1821 (601) 544-0501 sdw.com	DRAWING NO. 1273-S010
	WORKING NO. <u>PnP 26</u> SHEET NO. <u>31</u>

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CONTROL MONUMENT 9
GUARDED 60d GALV PK NAIL
N 662,792.10
E 830,868.48
12.9 FT LT STA 10+28.82



ALLEY 58 STA 10+00 - STA 12+20

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

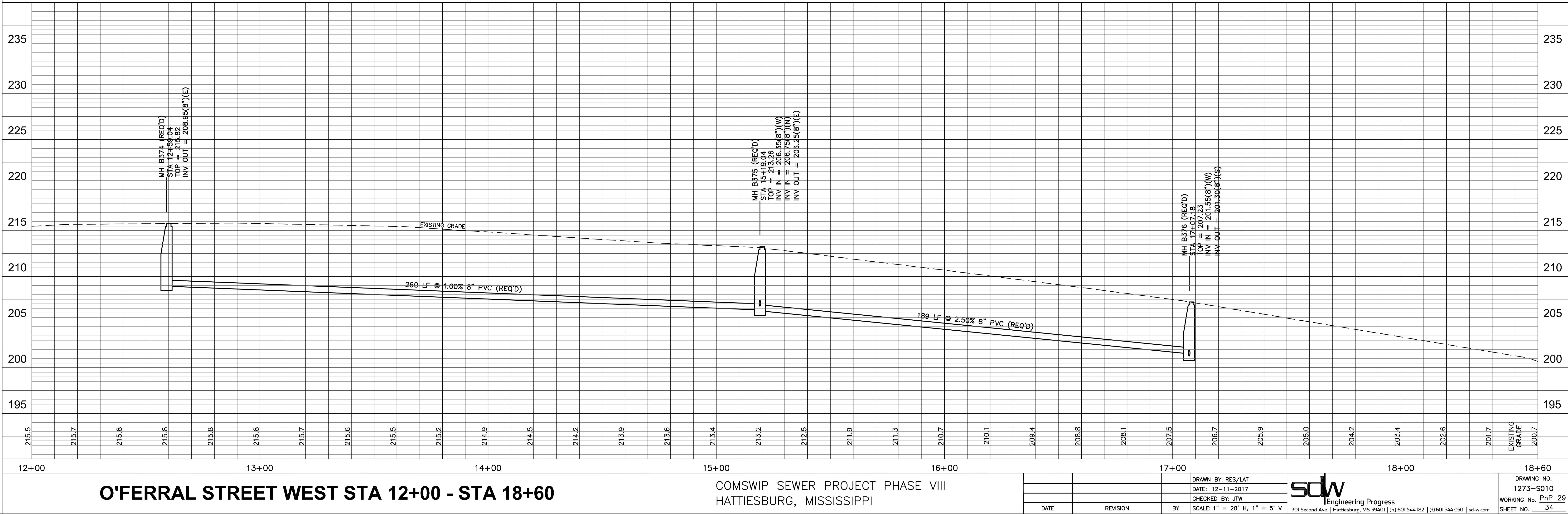
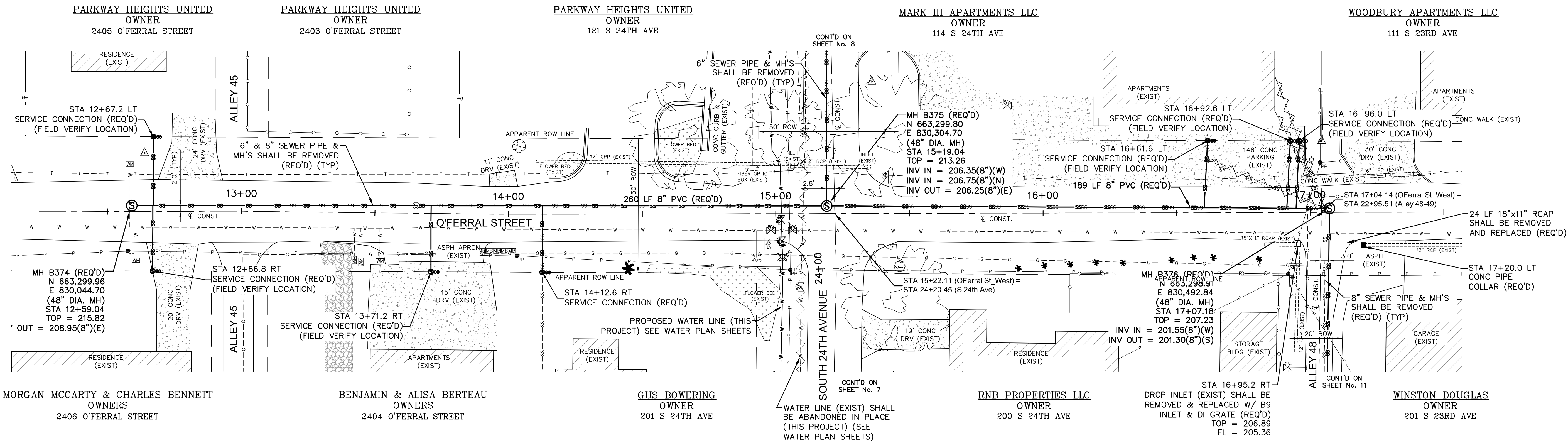
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DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V

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Engineering Progress
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DRAWING NO. 1273-S010
WORKING No. PnP 28
SHEET NO. 33

CONTROL MONUMENT 22
1/2" REBAR
N 663,319.57
E 830,049.46
21.8 FT LT STA 12+63.86

CONTROL MONUMENT 7
1/2" ROUND R/W PIN AT PROPERTY CORNER
N 663,324.10
E 830,489.92
26.7 FT LT STA 17+04.90



O'FERRAL STREET WEST STA 12+00 - STA 18+60

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V

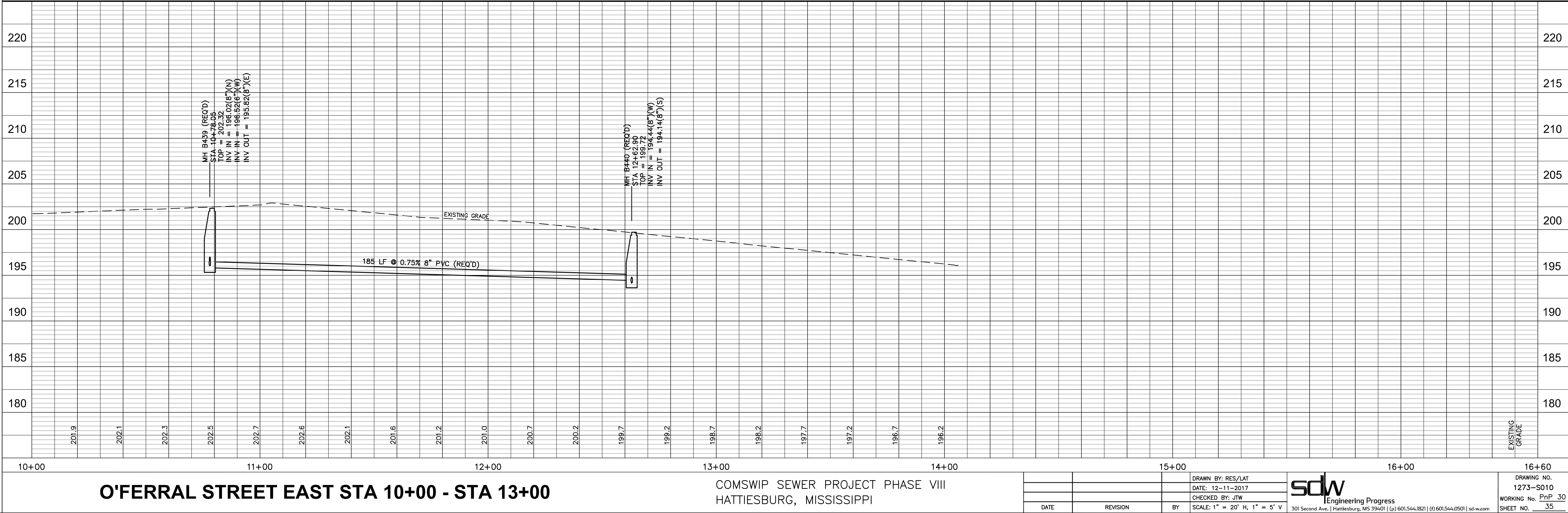
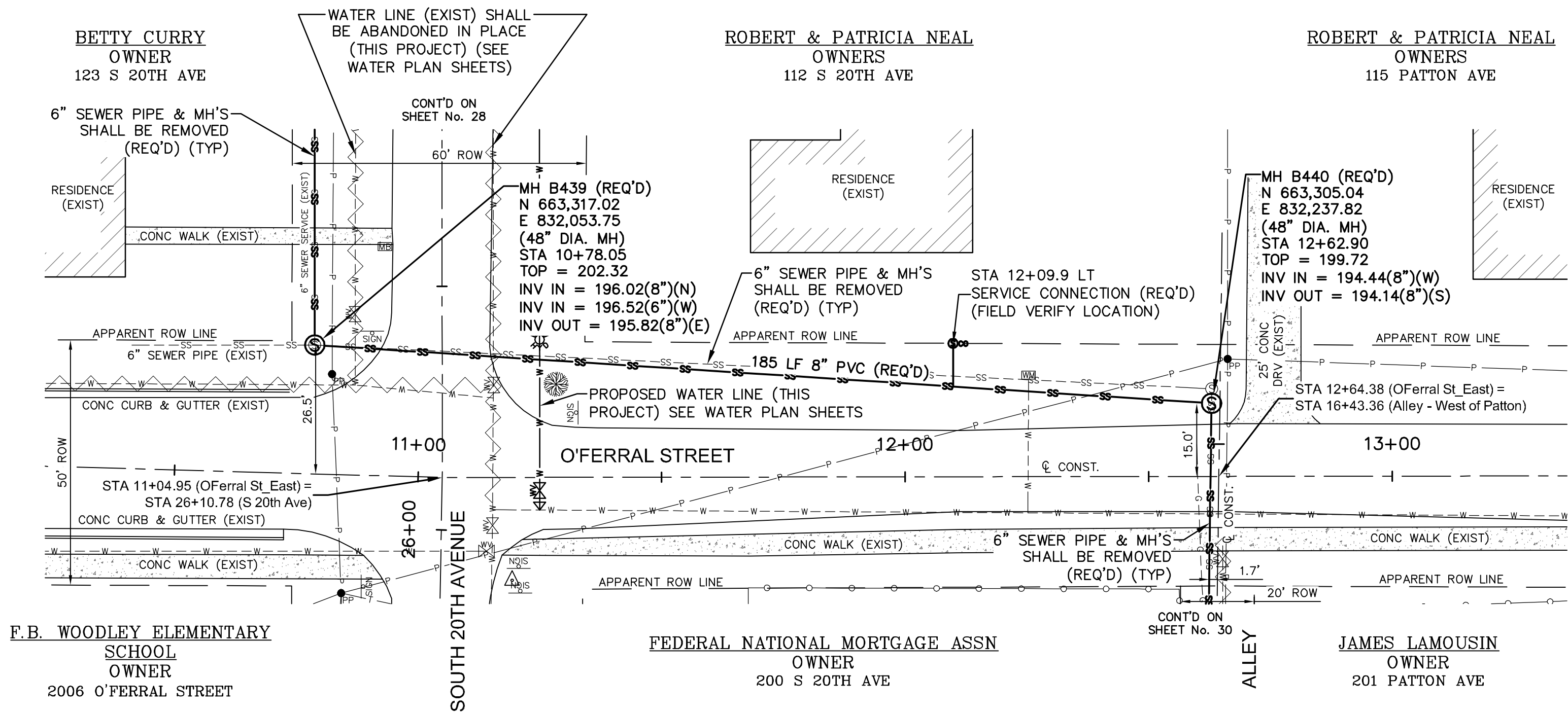
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DATE: 12-11-2017
CHECKED BY: JW
DATE

DRAWING NO.
1273-S010
WORKING No. PnF 29
SHEET NO. 34

CONTROL MONUMENT 23
1/2" REBAR
N 663,268.70
E 832,094.27
21.1 FT RT STA 11+19.30



O'FERRAL STREET EAST STA 10+00 - STA 13+00

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

			DRAWN BY: RES/LAT
			DATE: 12-11-2017
			CHECKED BY: JTW
DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V



Engineering Progress

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

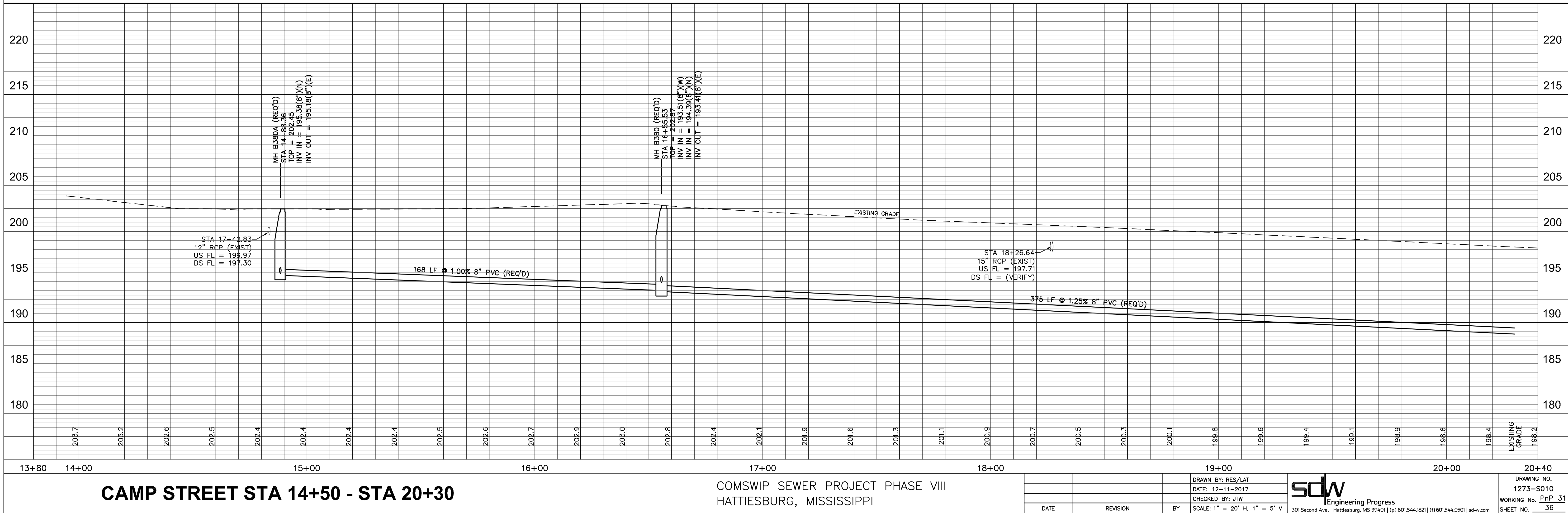
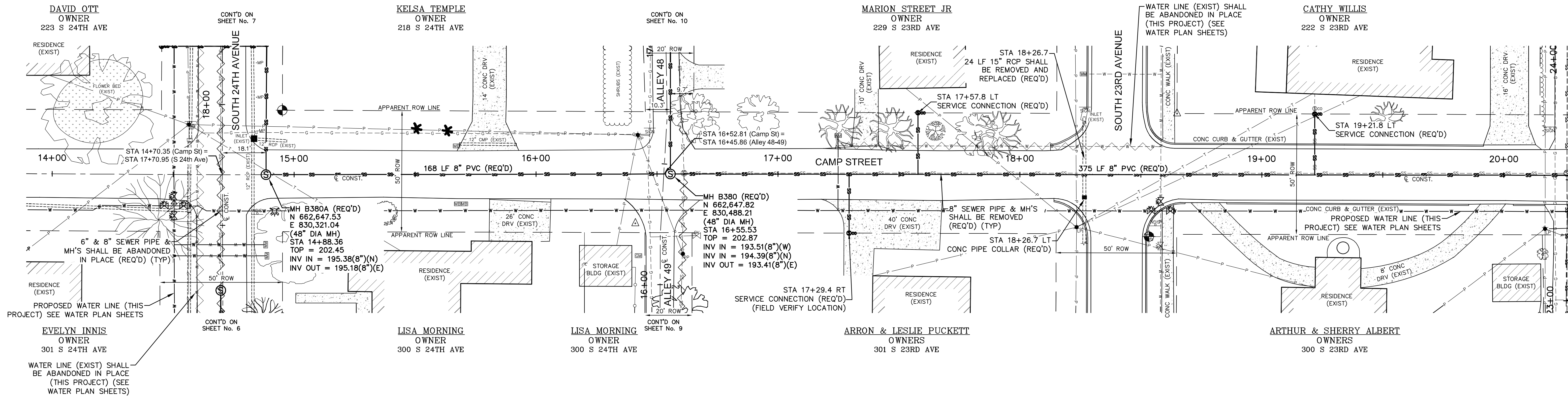
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SHEET NO. 35

BENCH MARK ELEVATION 203.09
3/4" ROUND IRON PIN AT PROPERTY CORNER
26.6 FT LT STA. 14+95.15

CONTROL MONUMENT 5
GUARDED 604 GALV MAG NAIL
N 662,627.40
E 830,473.71
20.4 FT RT STA. 16+41.00

CONTROL MONUMENT 24
1/2" ROUND IRON PIN AT PROPERTY CORNER
N 662,672.383
E 830,697.64
25.3 FT LT STA. 18+64.93

BENCH MARK ELEVATION 202.67
TOP OPERATING NUT ON FIRE HYDRANT
25.6 FT RT STA. 18+53.35



CAMP STREET STA 14+50 - STA 20+30

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V

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DATE: 12-11-2017
CHECKED BY: JTW
BY:

DRAWING NO.
1273-S010
WORKING No. PnP 31
SHEET NO. 36

CONTROL MONUMENT .25
1/2" ROUND IRON PIN AT PROPERTY CORNER
N 662,622.46
E 831,018.14
24.3 FT RT STA. 21+85.55

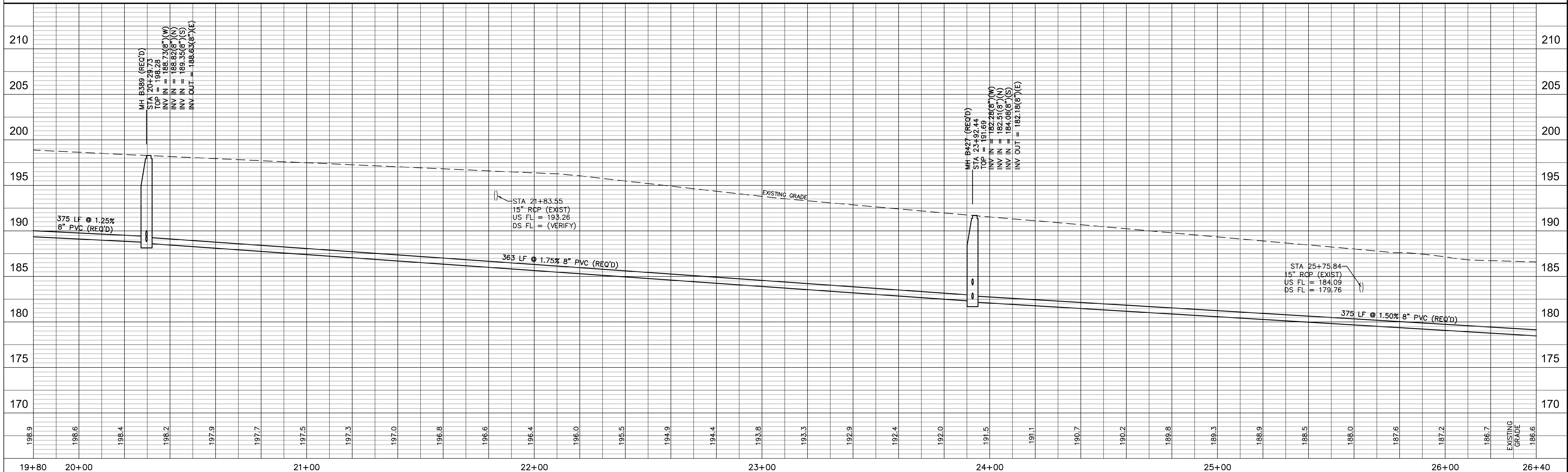
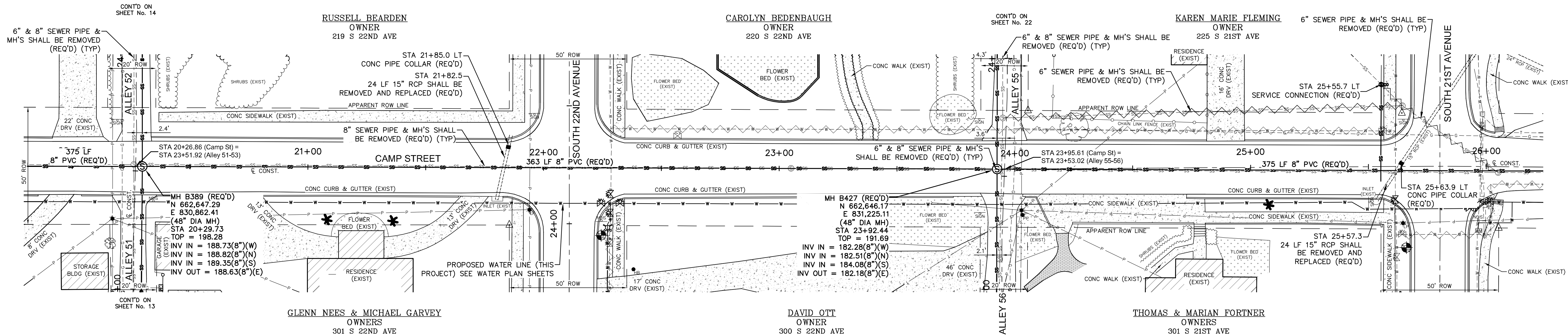
BENCH MARK ELEVATION .199.24
TOP OPERATING NUT ON FIRE HYDRANT
28.5 FT RT STA. 22+24.51

CONTROL MONUMENT .11
1/2" ROUND IRON PIN AT PROPERTY CORNER
N 662,621.04
E 831,238.22
24.8 FT LT STA. 24+05.71

CONTROL MONUMENT .26
1/2" REBAR
N 662,663.99
E 831,396.86
22.7 FT LT STA. 25+64.34

BENCH MARK ELEVATION .190.90
TOP OPERATING NUT ON FIRE HYDRANT
34.4 FT RT STA. 25+65.80

CONTROL MONUMENT .27
1/2" REBAR AT PROPERTY CORNER
N 662,621.15
E 831,437.98
26 FT RT STA. 26+05.53



CAMP STREET STA 20+30 - STA 26+40

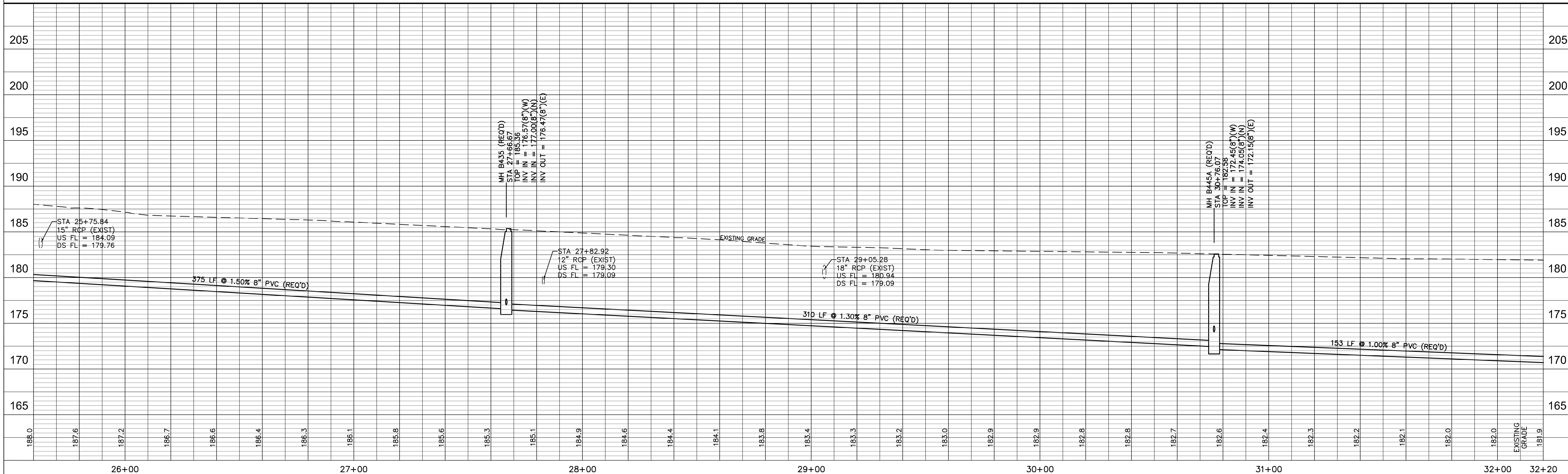
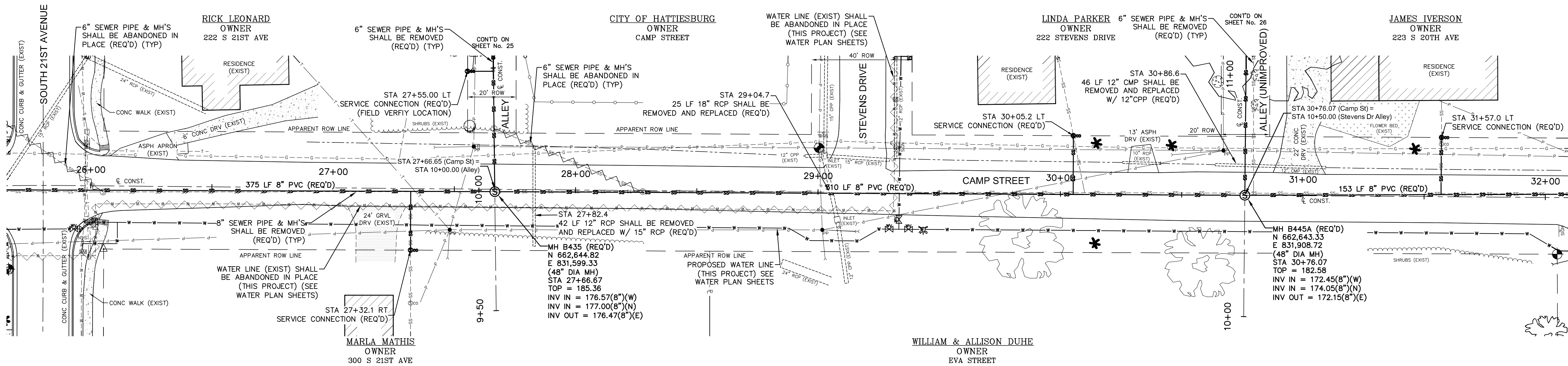
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HATTIESBURG, MISSISSIPPI

DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V	DRAWN BY: RES/LAT DATE: 12-11-2017 CHECKED BY: JTW	SDW Engineering Progress 301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com	DRAWING NO. 1273-S010 WORKING NO. PnP 32 SHEET NO. 37
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CONTROL MONUMENT .27
1/2" REBAR AT PROPERTY CORNER
N 662,821.18
E 831,437.98
26 FT RT STA 26+05.53

BENCHMARK ELEVATION 183.83
FOUND COTTON SPINDLE ON POWER POLE
18.2 FT LT STA 29+00.23

BENCHMARK ELEVATION 181.55
1/2" ROUND IRON PIN AT PROPERTY CORNER
23.3 FT RT STA 32+05.07



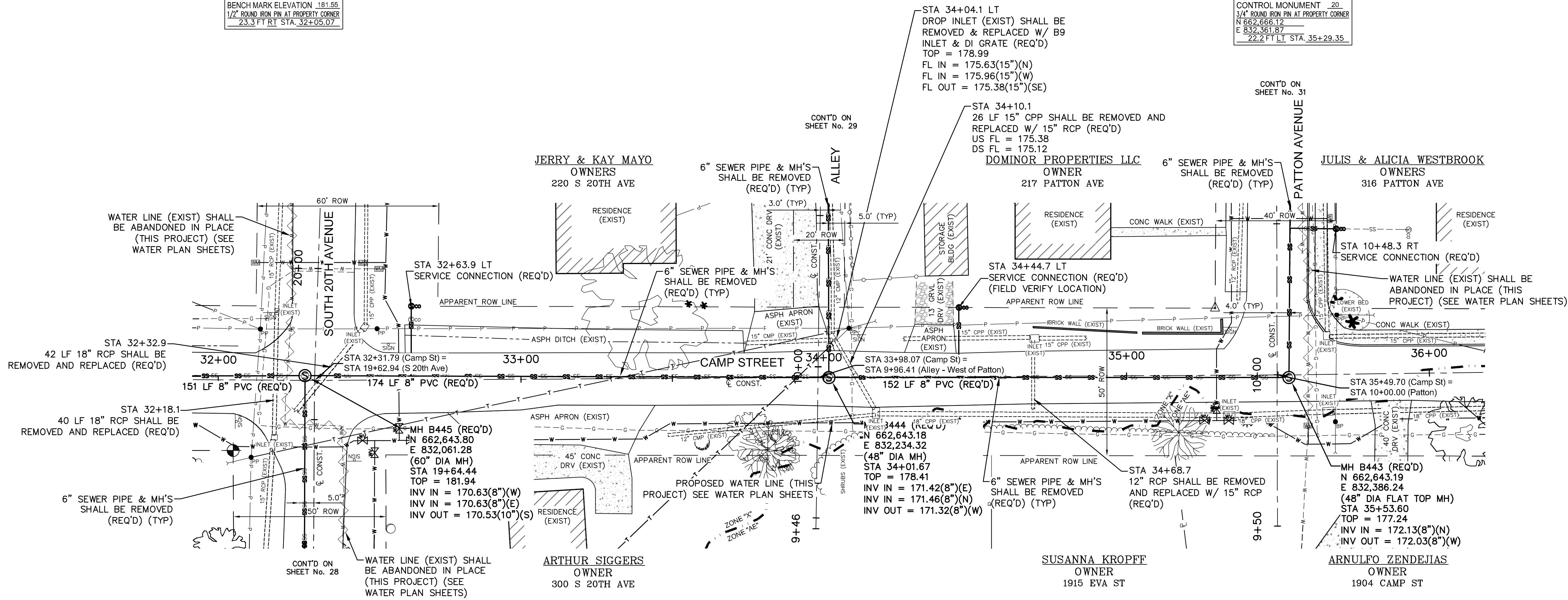
CAMP STREET STA 26+40 - STA 32+20

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

DATE	REVISION	BY	DRAWN BY: RES/LAT DATE: 12-11-2017 CHECKED BY: JTW SCALE: 1" = 20' H, 1" = 5' V	sdw Engineering Progress 301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com	DRAWING NO. 1273-S010 WORKING No. PnP 33 SHEET NO. 38
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BENCHMARK ELEVATION -181.55
1/2" ROUND IRON PIN AT PROPERTY CORNER
23.3 FT RT STA_32+05.07

CONTROL MONUMENT -20
3/4" ROUND IRON PIN AT PROPERTY CORNER
N 662,666.12
E 832,361.87
22.2 FT LT STA_35+29.35



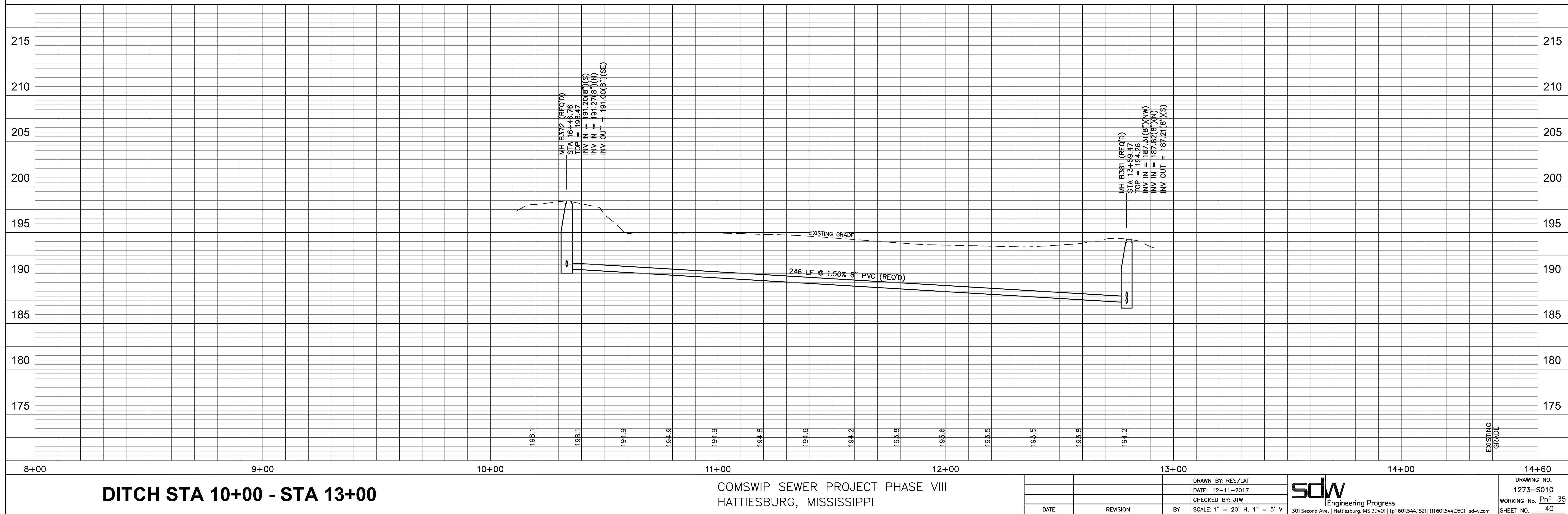
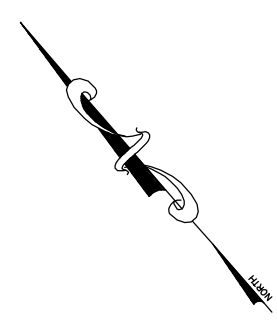
CAMP STREET STA 32+20 - STA 36+00

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

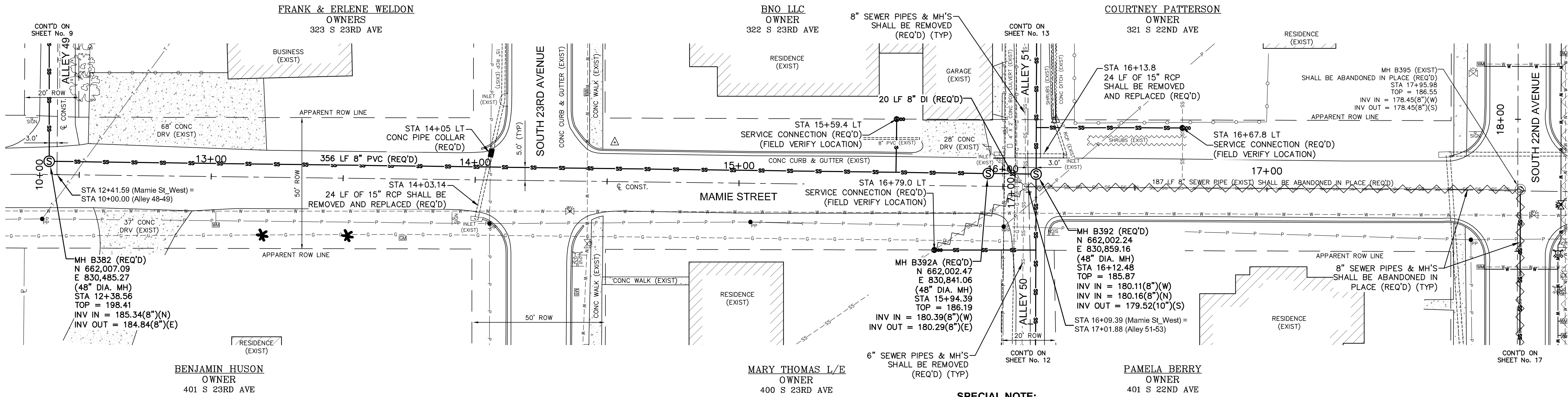
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SDW Engineering Progress	301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sdw.com

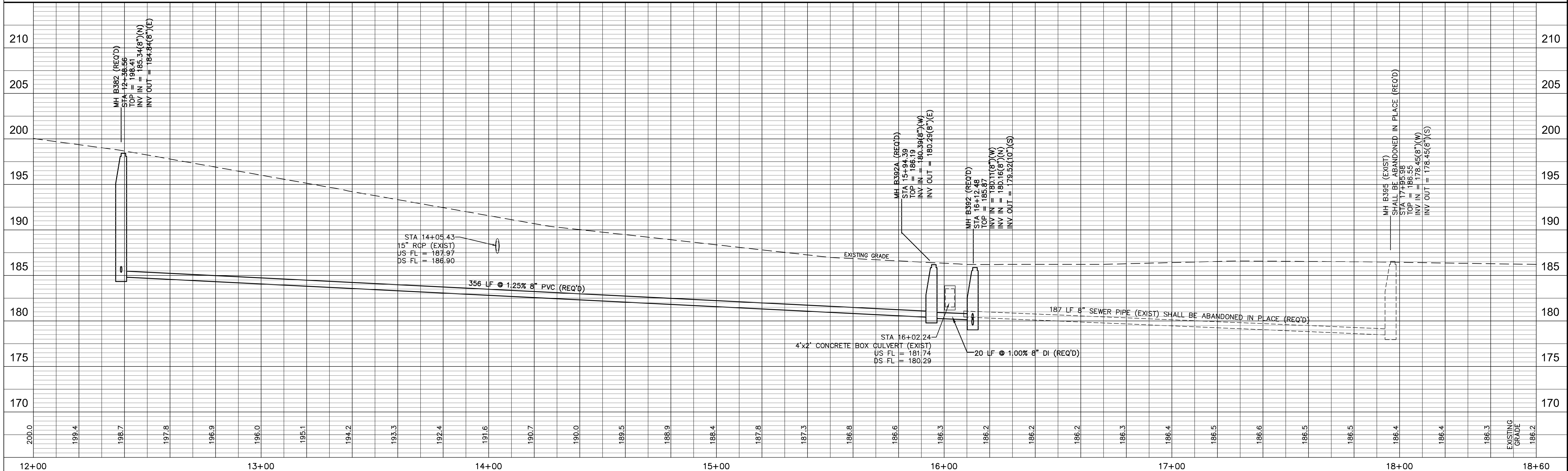
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CONTROL MONUMENT - 13
GUARDED 60d GALV MAG NAIL
N 662.014.25
E 830.699.53
14.9 FT LT STA. 14+52.71



SPECIAL NOTE:
THE CONTRACTOR SHALL VERIFY THE FLOW LINE OF THE EXISTING CONCRETE BOX CULVERT PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER IF FIELD CONDITIONS ARE FOUND TO VARY THE DATA SHOWN HEREON.



MAMIE STREET WEST STA 12+00 - STA 18+60

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

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DATE		REVISION		BY	
SCALE: 1" = 20' H, 1" = 5' V					

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Engineering Progress

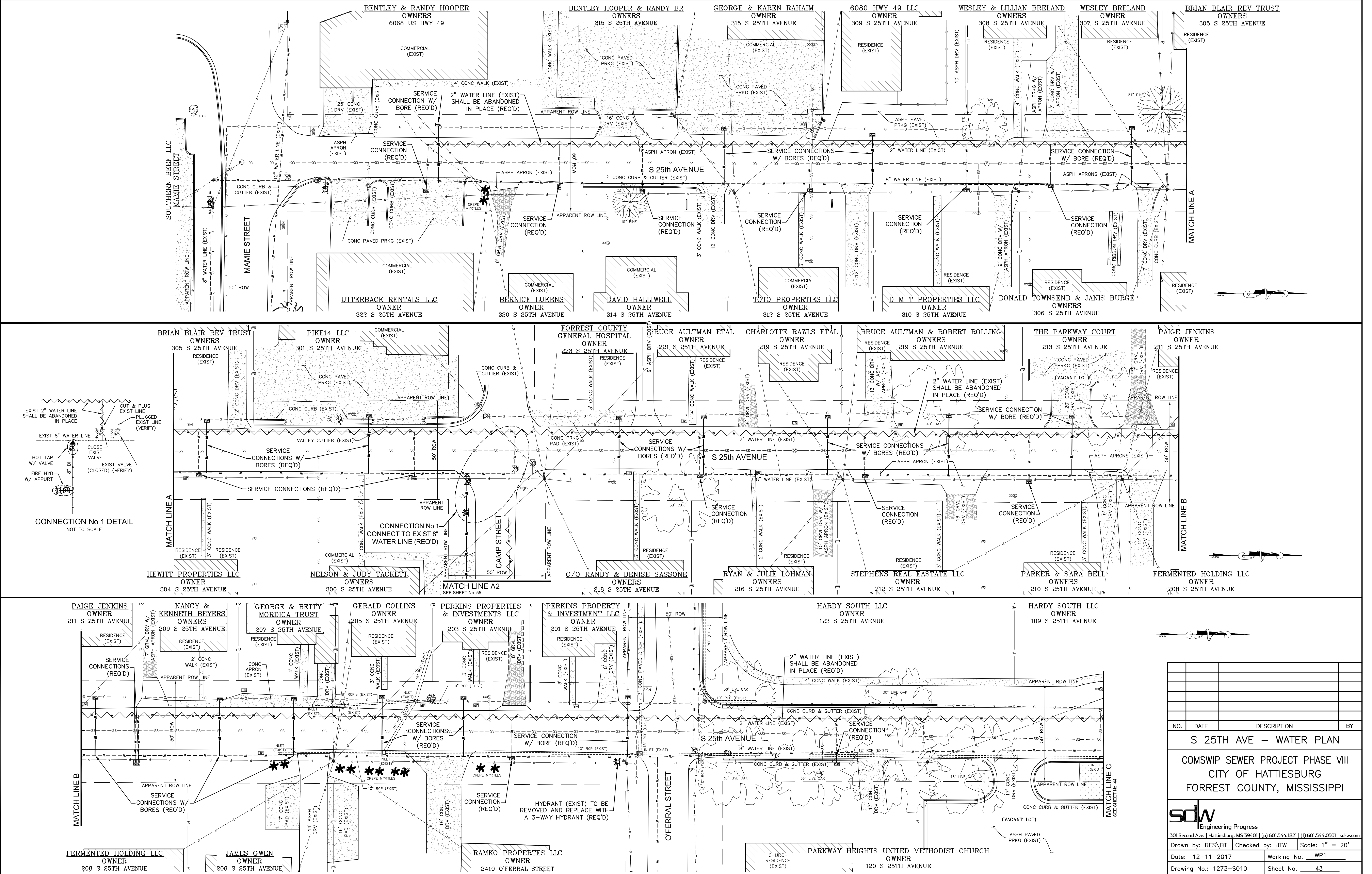
301 Second Ave., Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

DRAWING NO.
1273-S010

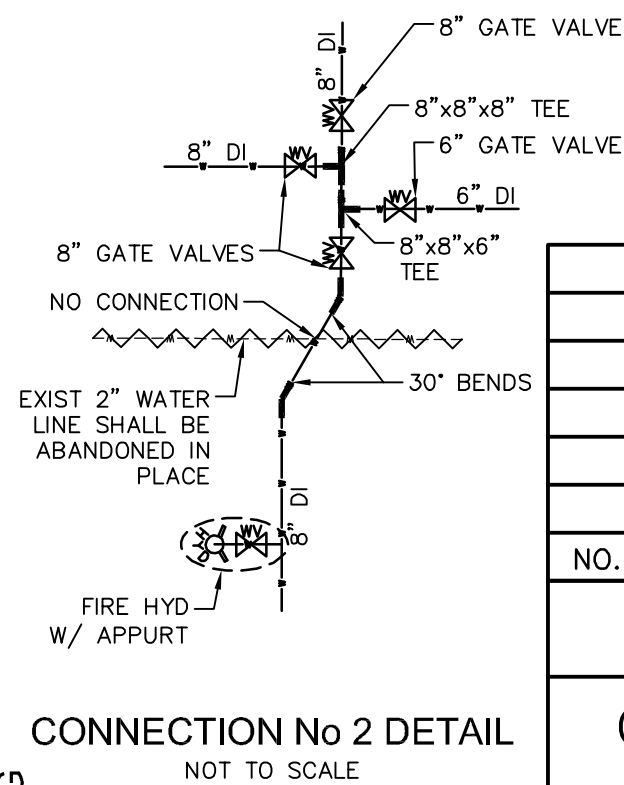
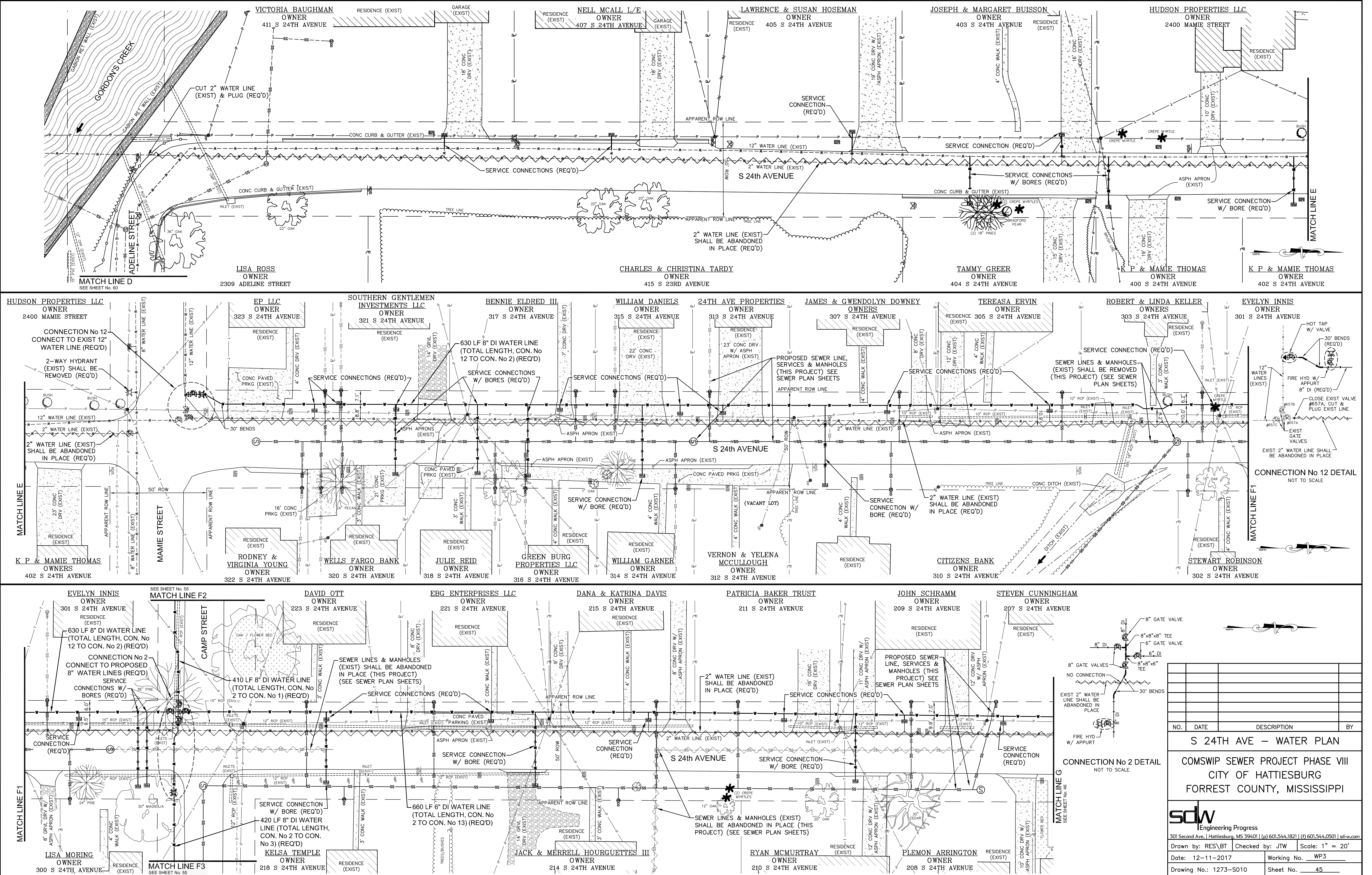
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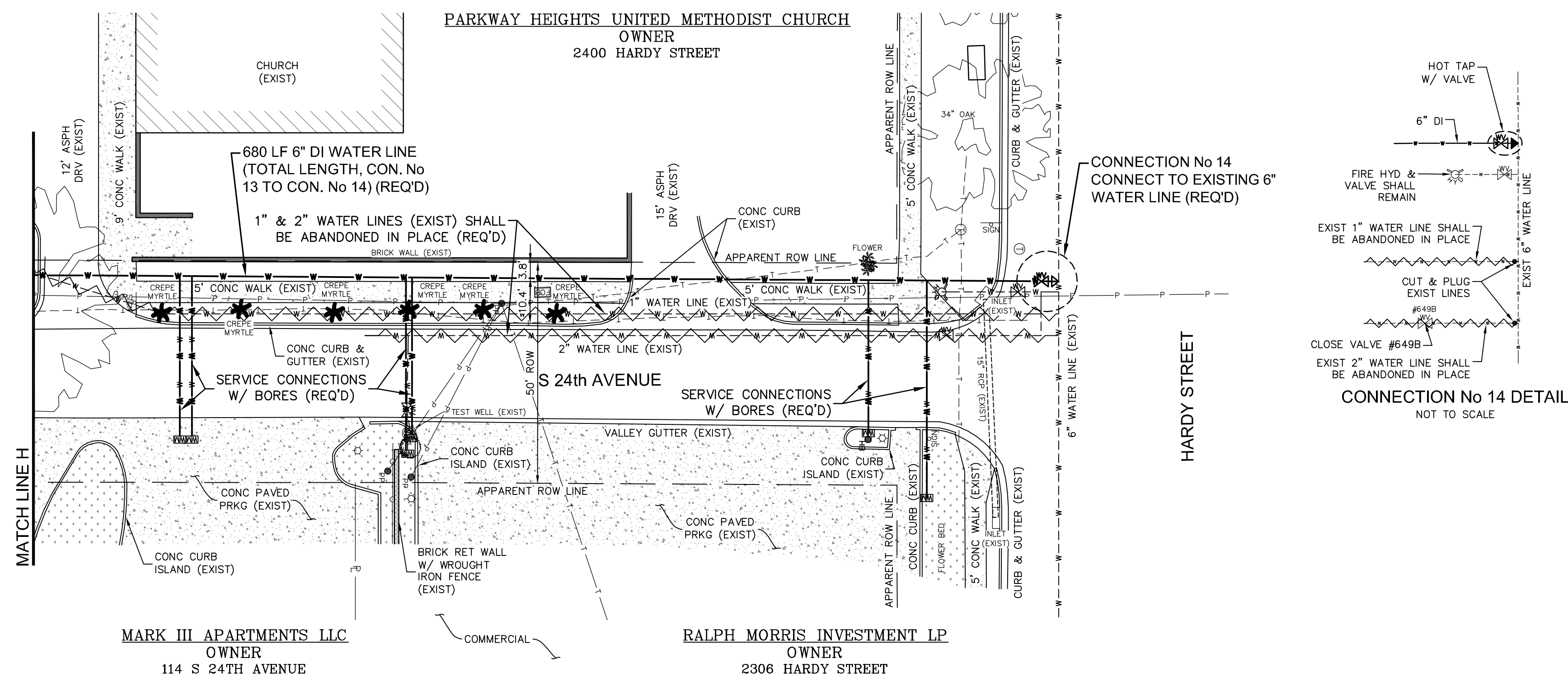
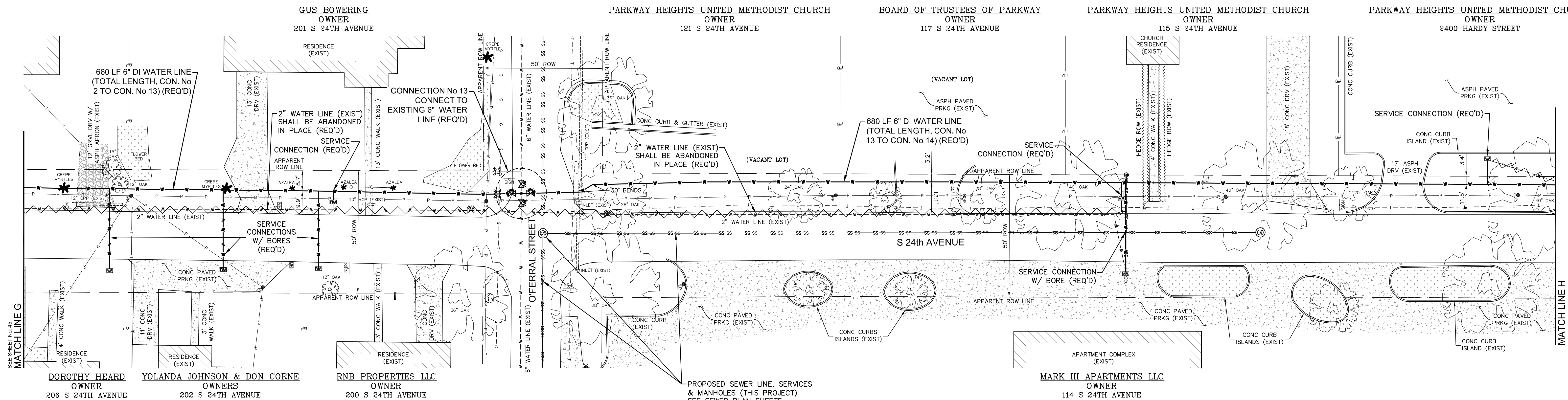
S 25TH AVE – WATER PLAN			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
sdw Engineering Progress			
301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sdw.com			
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Date: 12-11-2017	Working No. WP1		
Drawing No.: 1273-S010	Sheet No. 43		



NO.	DATE	DESCRIPTION	BY
S 24TH AVE – WATER PLAN			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
 Engineering Progress			
301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sdw.com			
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NO.	DATE	DESCRIPTION	BY
S 24TH AVE – WATER PLAN			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
sdw Engineering Progress 301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
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Date: 12-11-2017	Working No. WP4		
Drawing No.: 1273-S010	Sheet No. 46		

MARY GAIL WILDMAN
OWNER
421 S 22TH AVENUE

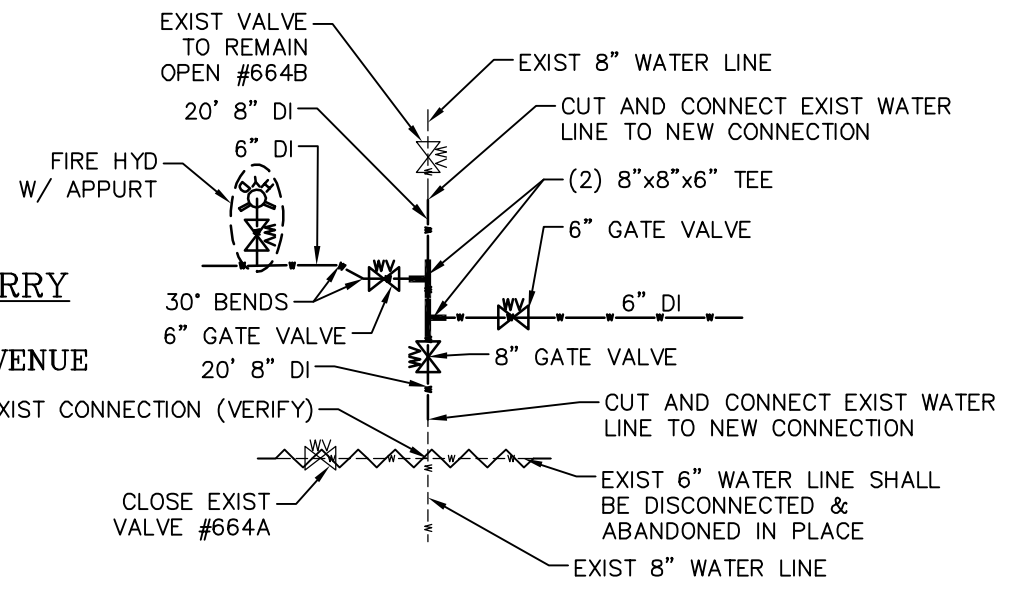
JOHN PALENSKY & JEANNE GILLESPIE
OWNERS
419 S 22TH AVENUE

MICHAEL & GINGER RAY
OWNERS
415 S 22TH AVENUE

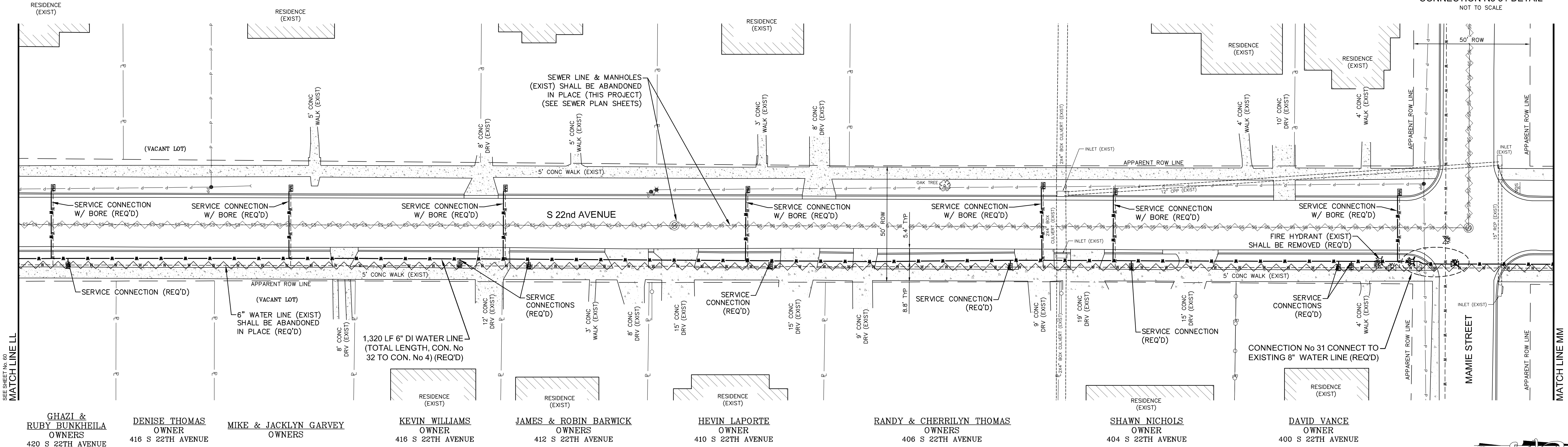
PERRY LENNON
OWNER
411 S 22TH AVENUE

BNO LLC
OWNER
310 S 22TH AVENUE

PAMELA BERRY
OWNER
401 S 22TH AVENUE



CONNECTION No 31 DETAIL
NOT TO SCALE



GHASI &
RUBY BUNKHEILA
OWNERS
420 S 22TH AVENUE

DENISE THOMAS
OWNER
416 S 22TH AVENUE

MIKE & JACKLYN GARVEY
OWNERS

KEVIN WILLIAMS
OWNER
416 S 22TH AVENUE

JAMES & ROBIN BARWICK
OWNERS
412 S 22TH AVENUE

HEVIN LAPORTE
OWNER
410 S 22TH AVENUE

RANDY & CHERRILYN THOMAS
OWNERS
406 S 22TH AVENUE

SHAWN NICHOLS
OWNER
404 S 22TH AVENUE

DAVID VANCE
OWNER
400 S 22TH AVENUE

COURTNEY PATTERSON
OWNER
321 S 22TH AVENUE

DAVID OTT
OWNER
319 S 22TH AVENUE

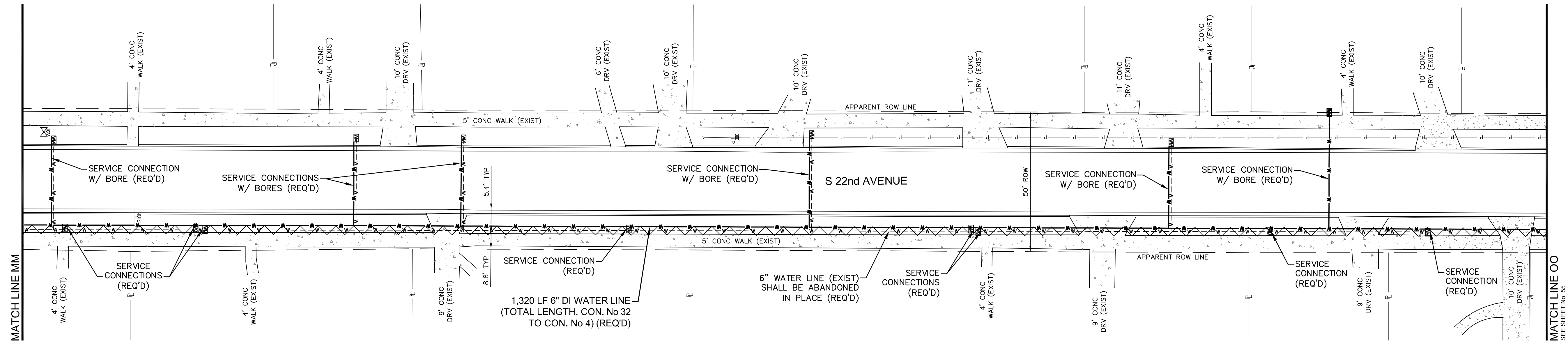
MARCUS & APRIL NAUSE
OWNERS
317 S 22TH AVENUE

DUWAYNE & JANE EZELLE
OWNERS
313 S 22TH AVENUE

ROBERT & DEIDRA GAMMIL
OWNERS
307 S 22TH AVENUE

ROBERT MALONEY
OWNER
305 S 22TH AVENUE

GLENN NEES & MICHAEL GARVEY
OWNERS
301 S 22TH AVENUE



LALA NOBLE
OWNER
322 S 22TH AVENUE

DAVID OTT
OWNER
320 S 22TH AVENUE

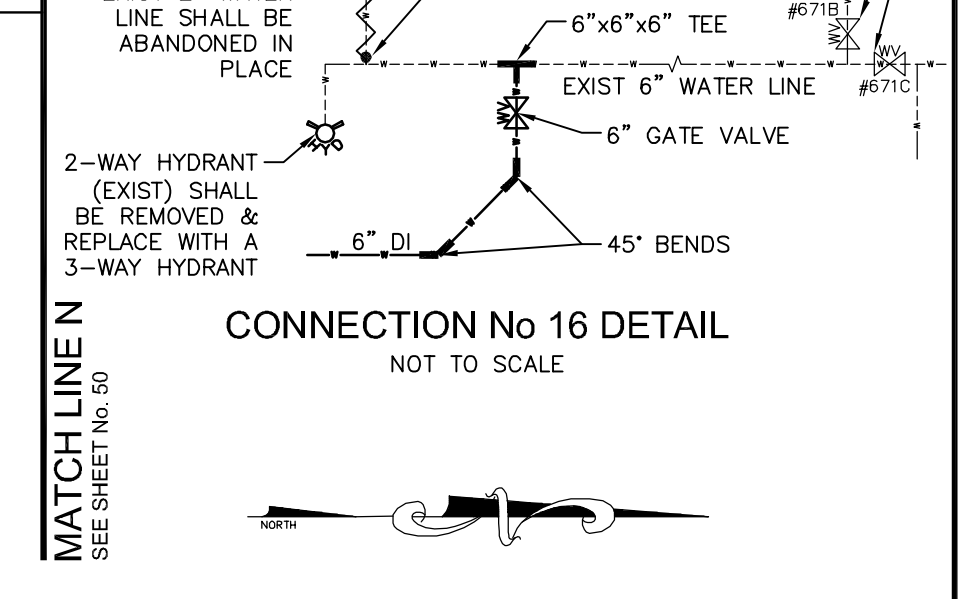
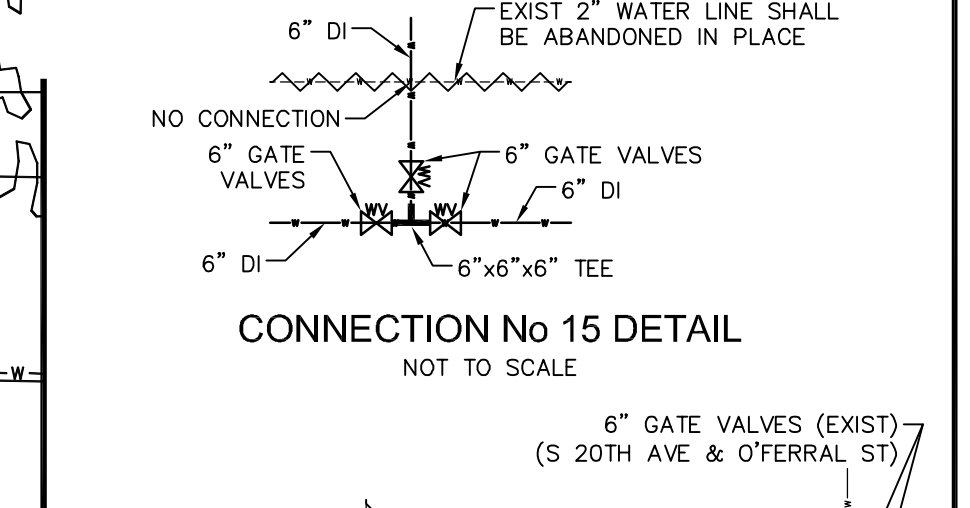
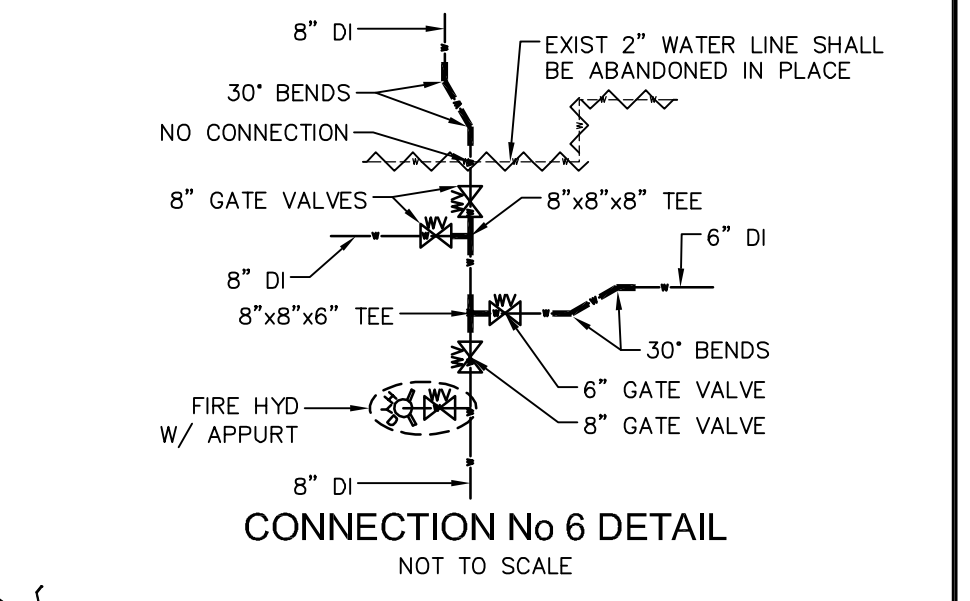
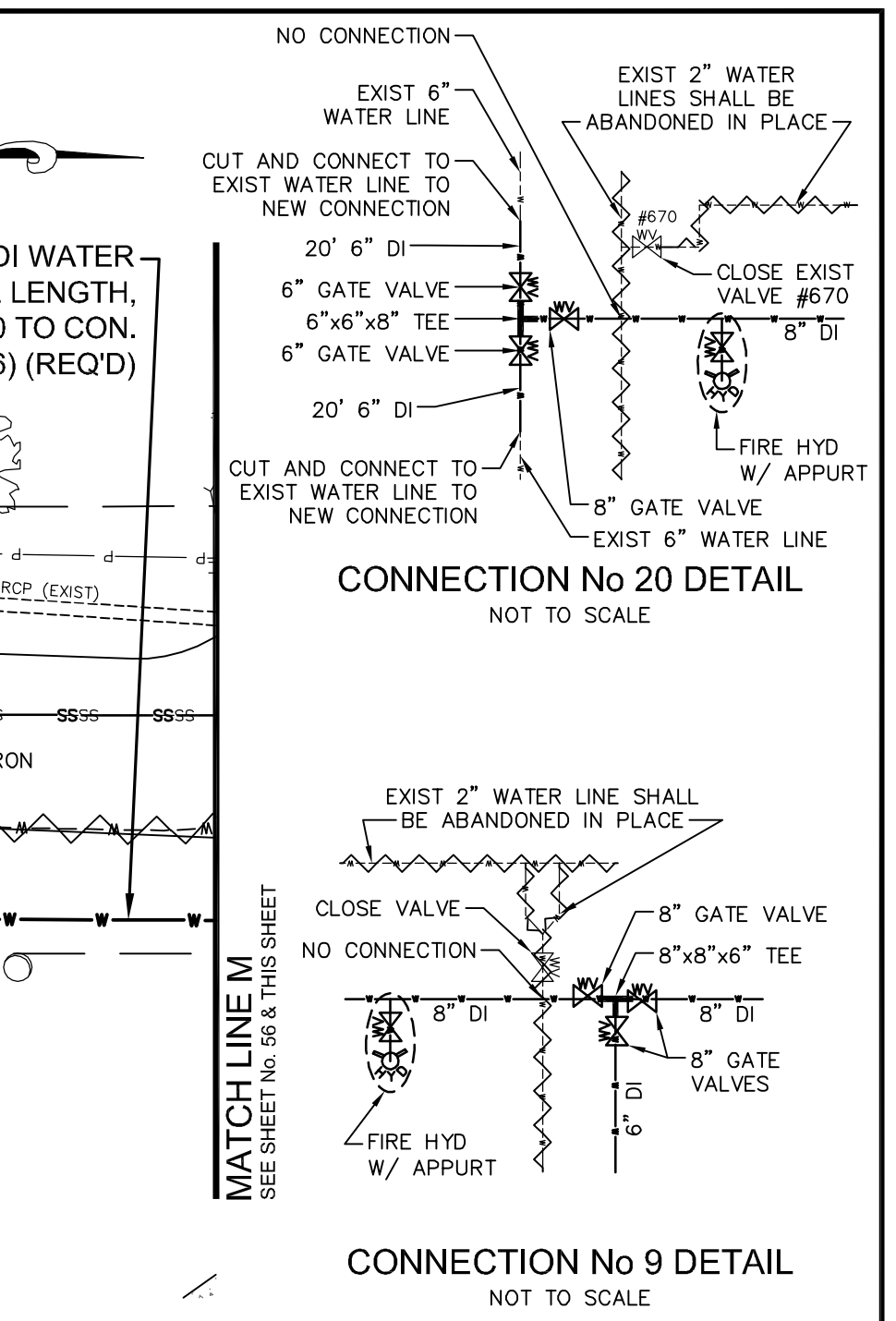
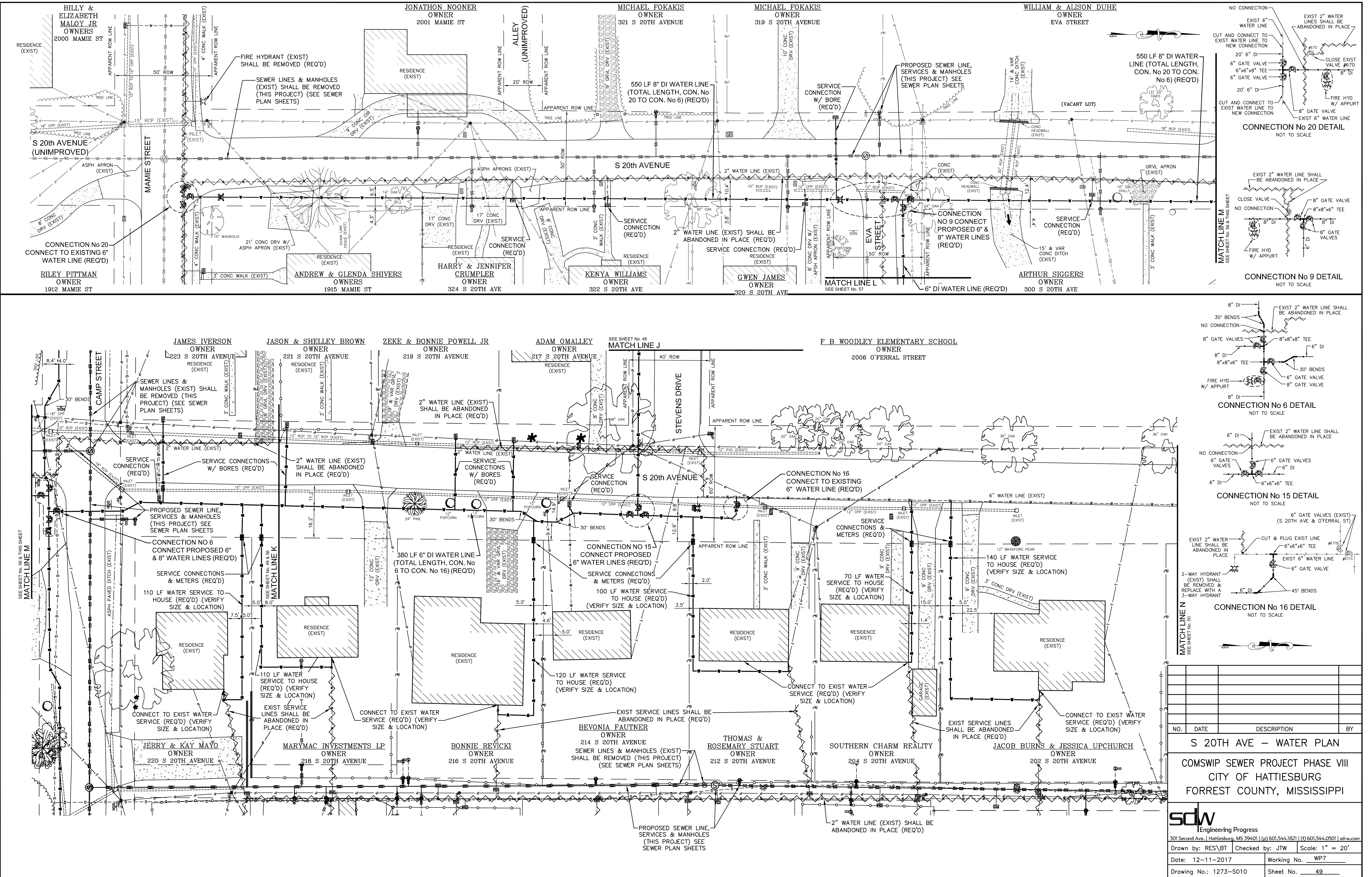
MICHAEL & JESSICA LOGAN
OWNERS
314 S 22TH AVENUE

DAVID OTT
OWNER
310 S 22TH AVENUE

BNO LLC
OWNER
304 S 22TH AVENUE

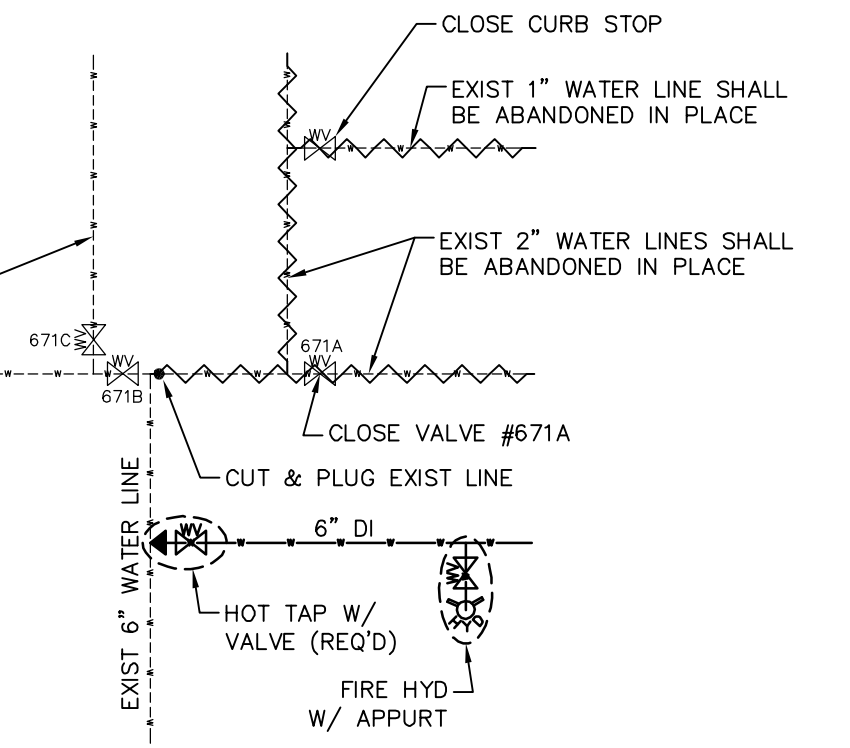
DAVID OTT
OWNER
302 S 22TH AVENUE

NO.	DATE	DESCRIPTION	BY
S 22ND AVE – WATER PLAN			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by: RES\BT	Checked by: JTW	Scale: 1" = 20'	
Date: 12-11-2017	Working No. WP5		
Drawing No.: 1273-S010	Sheet No. 47		

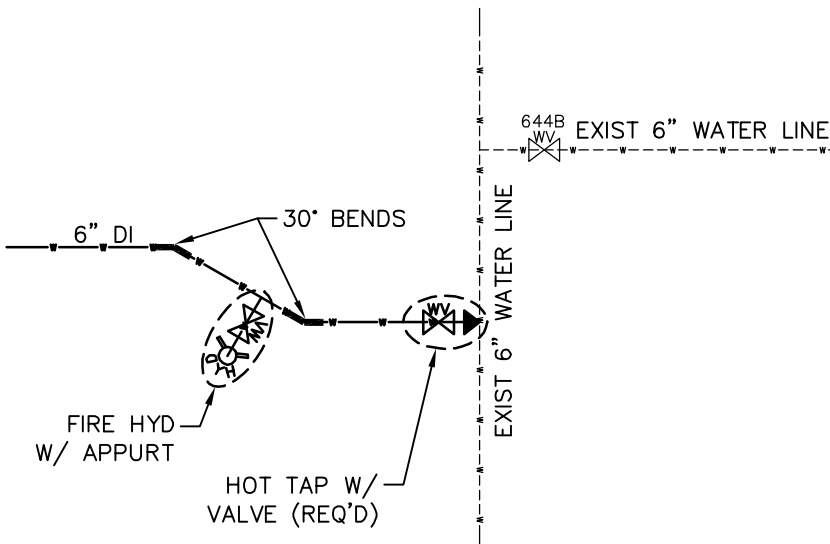


S 20TH AVE – WATER PLAN			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sdw.com			
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Date: 12-11-2017	Working No. WP7		
Drawing No.: 1273-S010	Sheet No. 49		

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CONNECTION No 17 DETAIL
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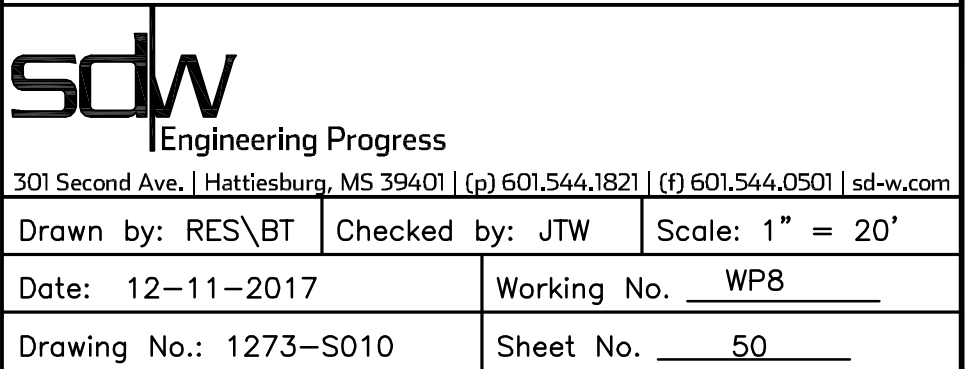


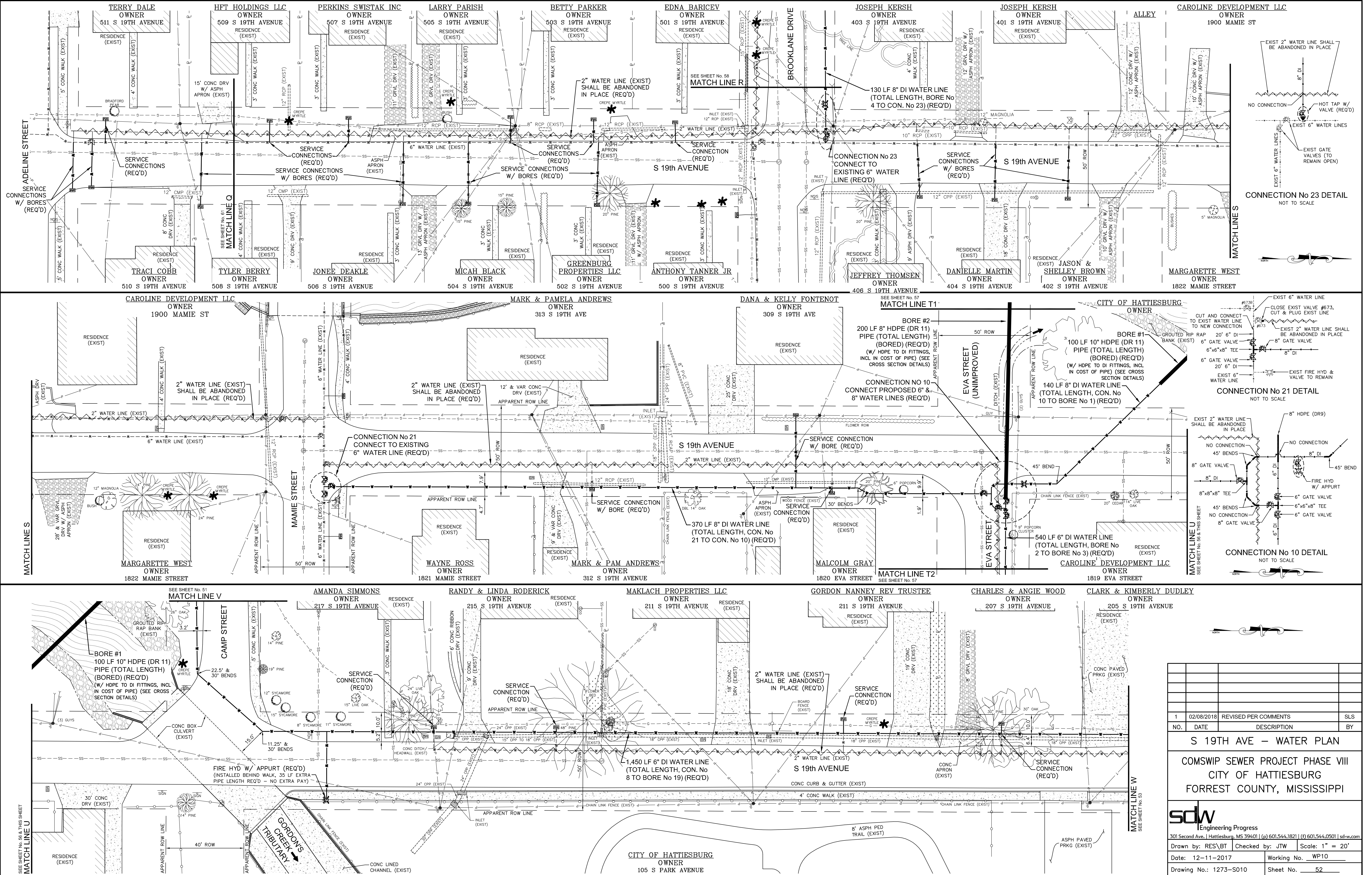
CONNECTION No 18 DETAIL
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S 20TH AVE - WATER PLAN

COMSWIP SEWER PROJECT PHASE VIII
CITY OF HATTIESBURG
FORREST COUNTY, MISSISSIPPI





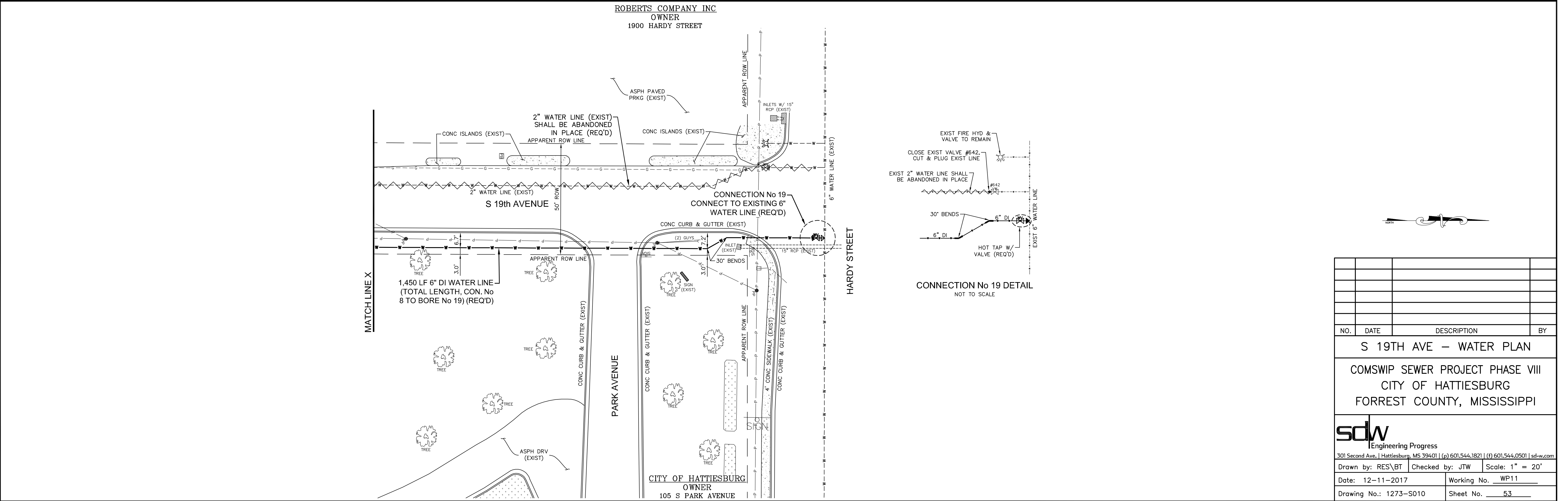
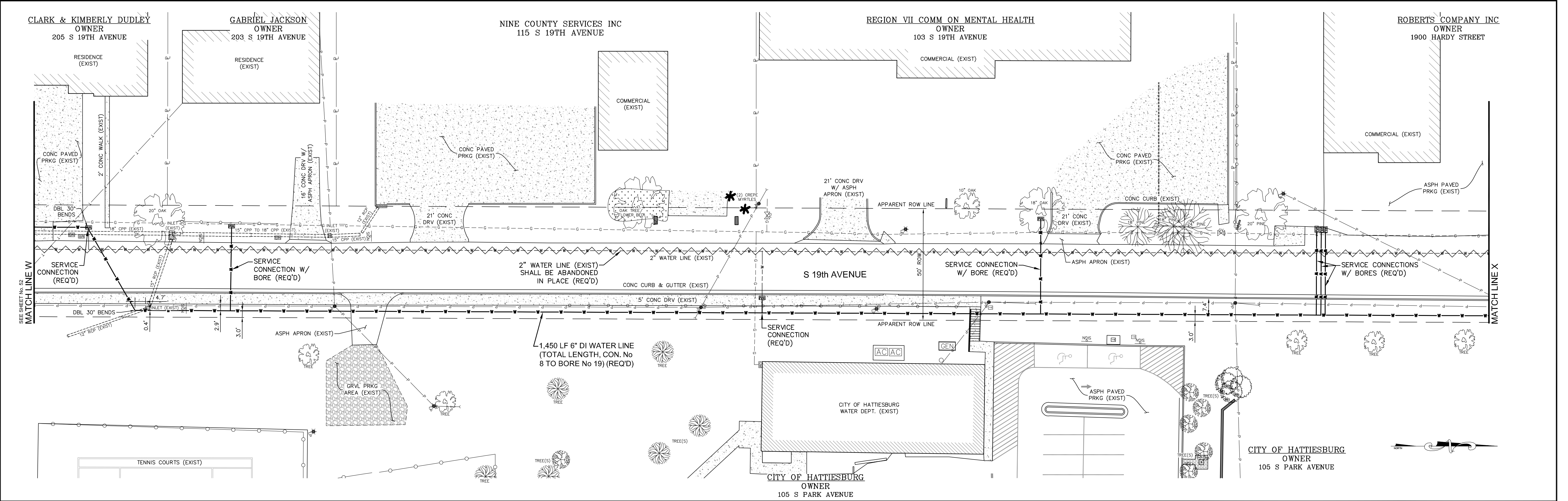
NO.	DATE	DESCRIPTION	BY
1	02/08/2018	REVISED PER COMMENTS	SLS

S 19TH AVE – WATER PLAN

COMSWIP SEWER PROJECT PHASE VIII
CITY OF HATTIESBURG
FORREST COUNTY, MISSISSIPPI

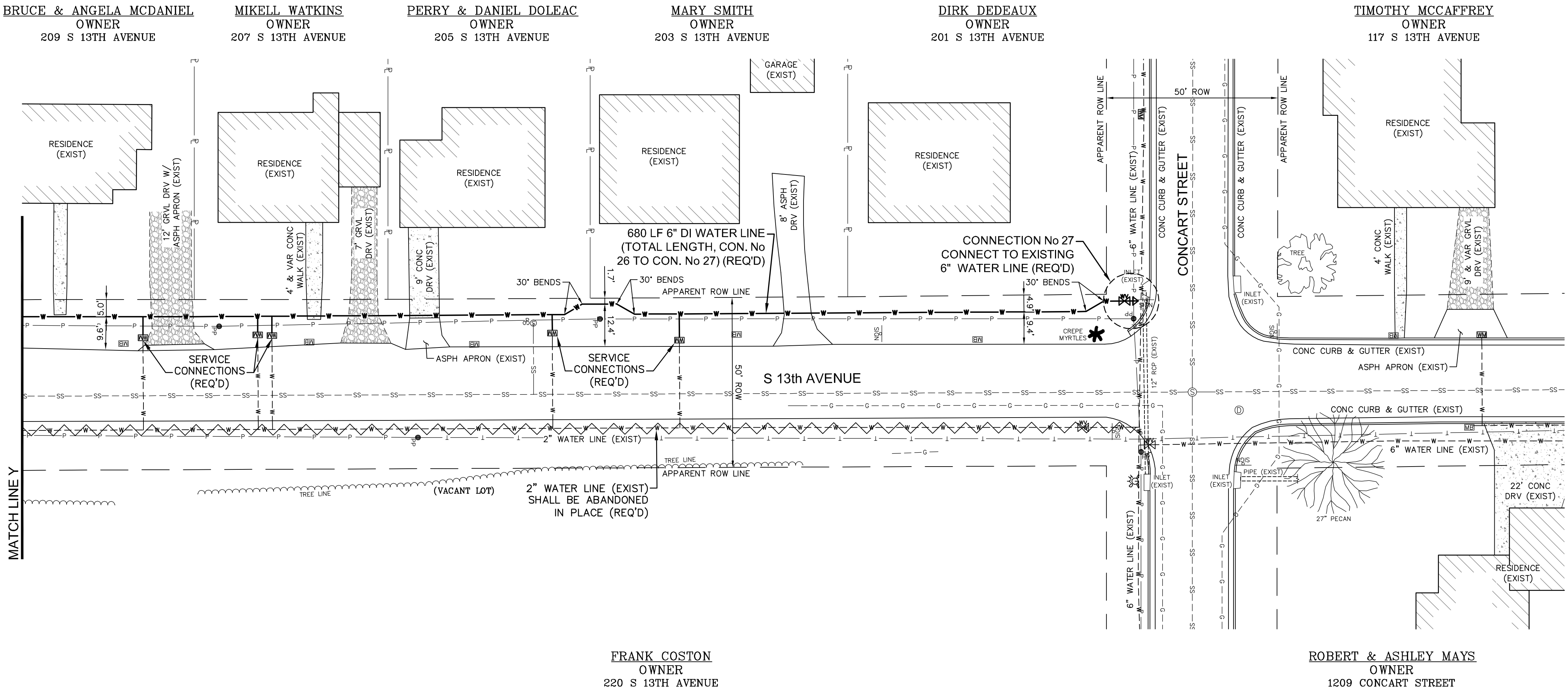
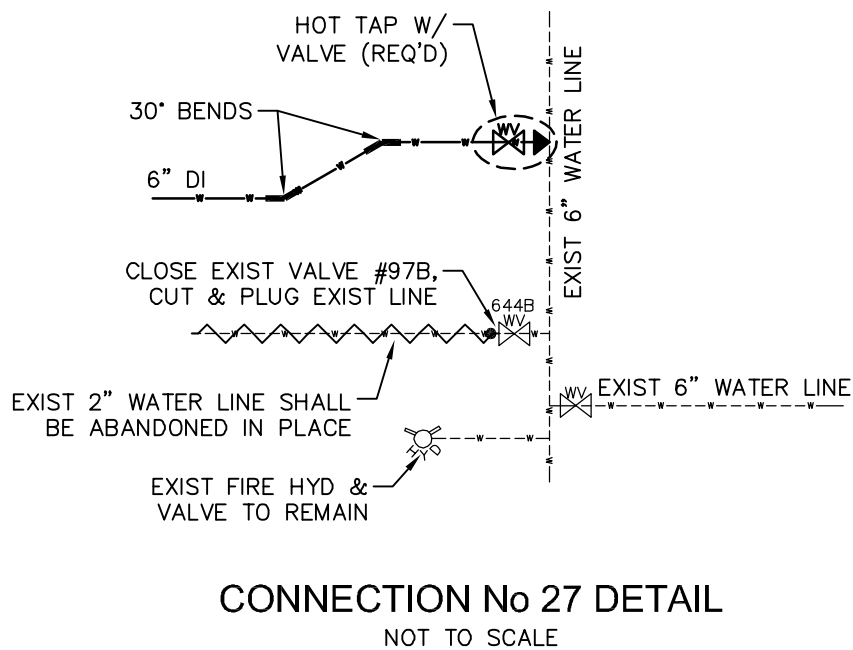
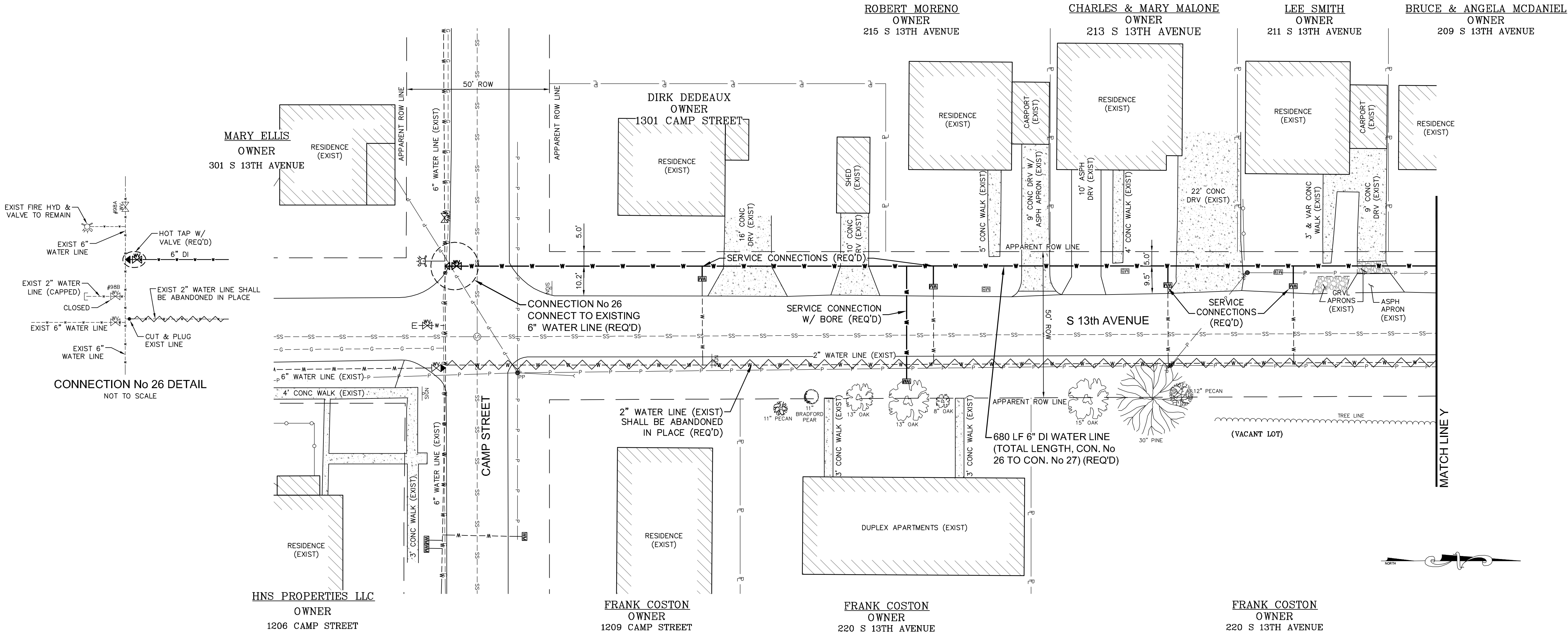
sdw
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Date: 12-11-2017 Working No. WP10
Drawing No.: 1273-S010 Sheet No. 52

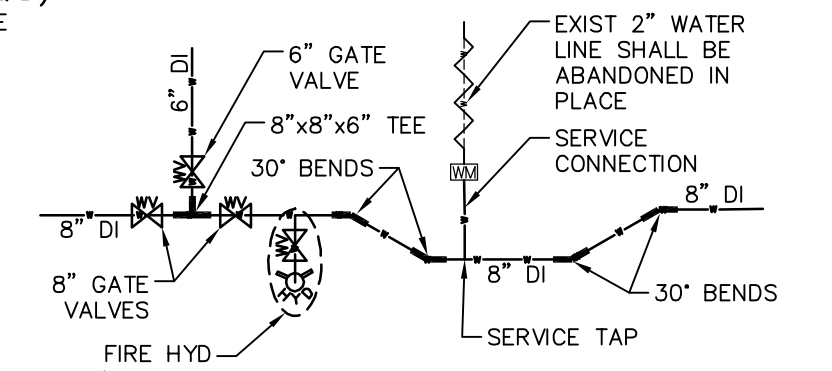
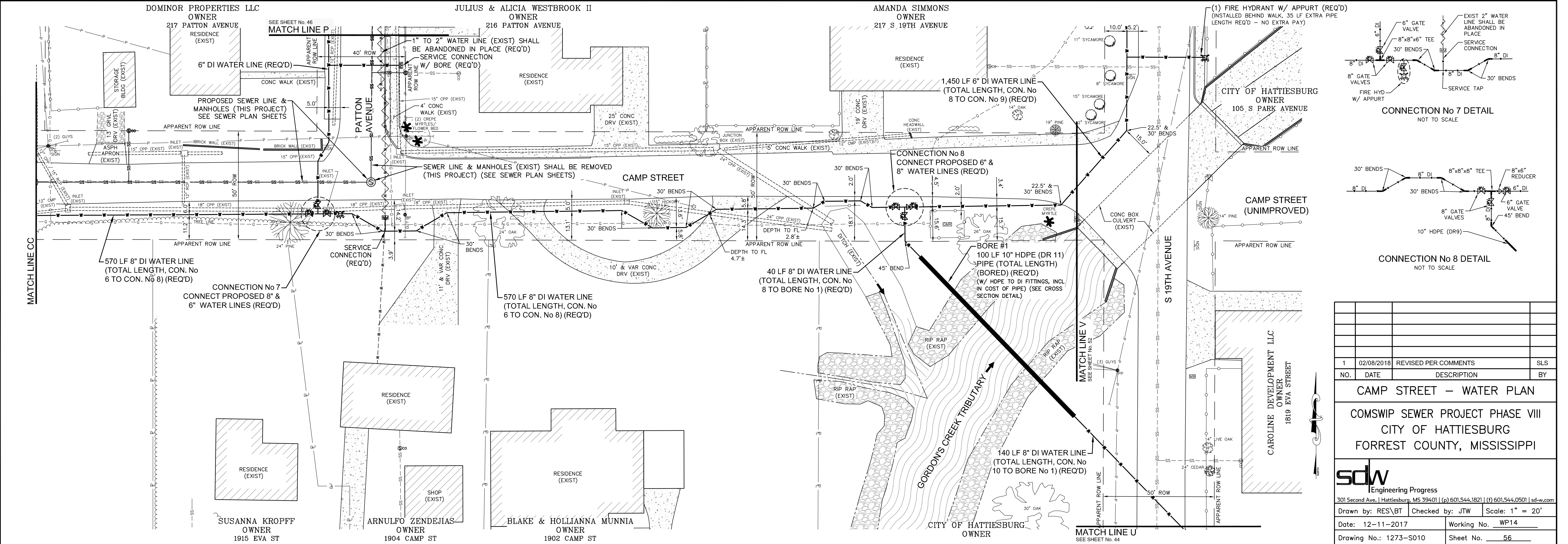
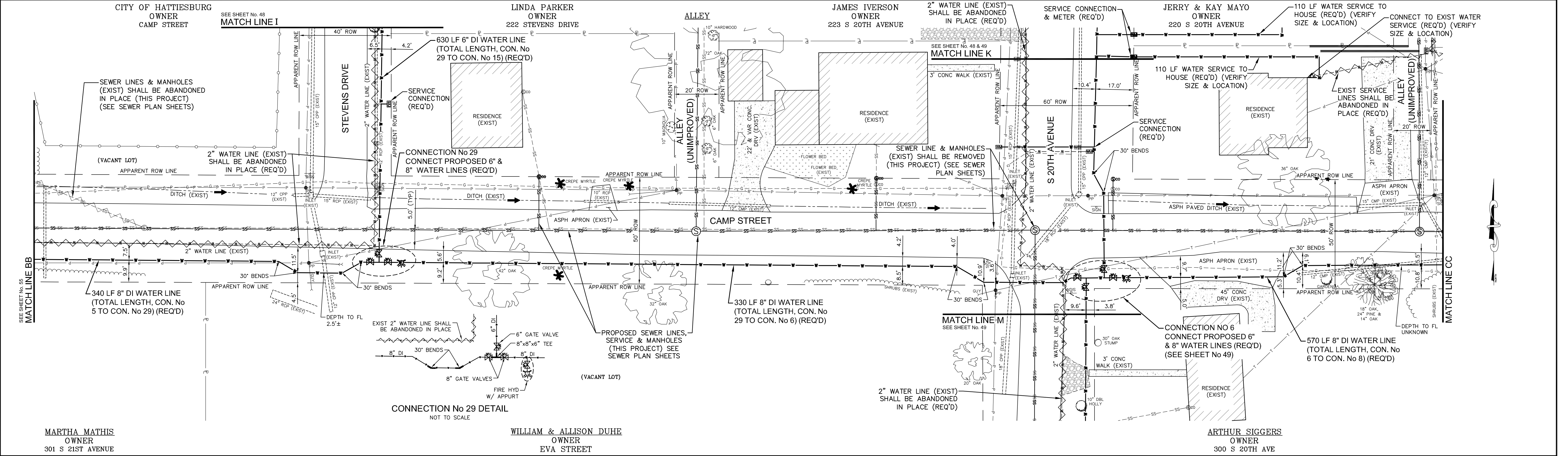


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S 19TH AVE – WATER PLAN			
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Date: 12-11-2017		Working No. WP11	
Drawing No.: 1273-S010		Sheet No. 53	

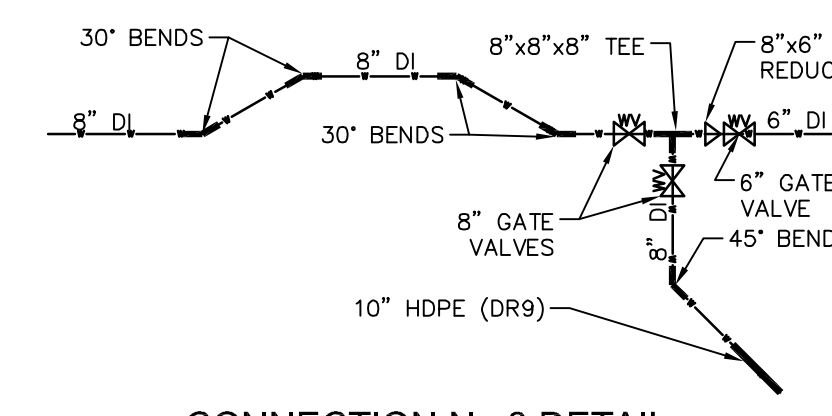
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Date: 12-11-2017		Working No. WP12	
Drawing No.: 1273-S010		Sheet No. 54	



CONNECTION No 7 DETAIL
NOT TO SCALE



CONNECTION No 8 DETAIL
NOT TO SCALE

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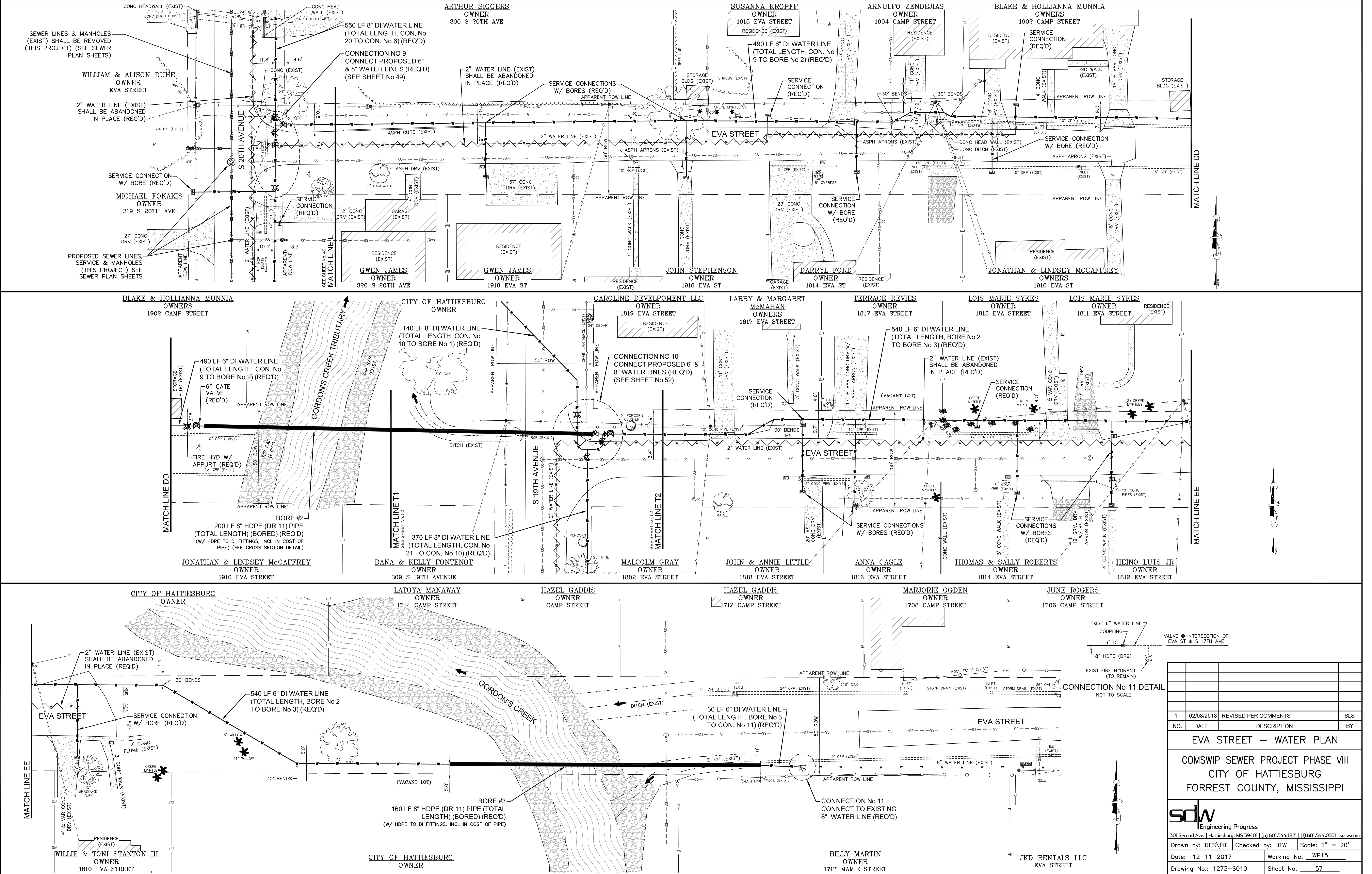
CAMP STREET – WATER PLAN
COMSWIP SEWER PROJECT PHASE VIII
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Date: 12-11-2017 Working No. WP14

Drawing No.: 1273-S010 Sheet No. 56



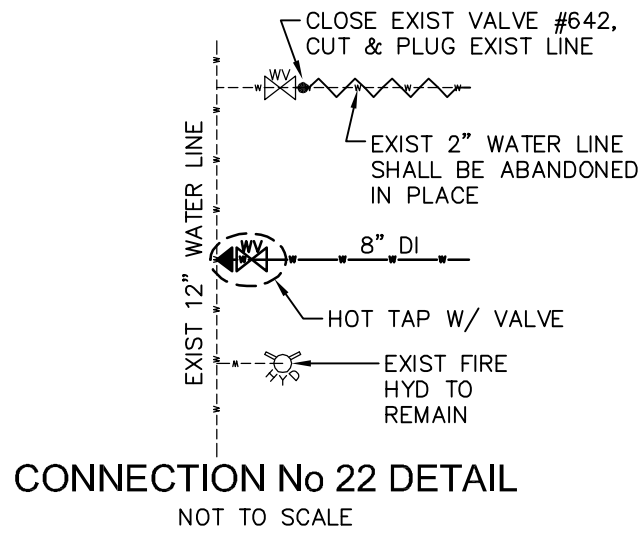
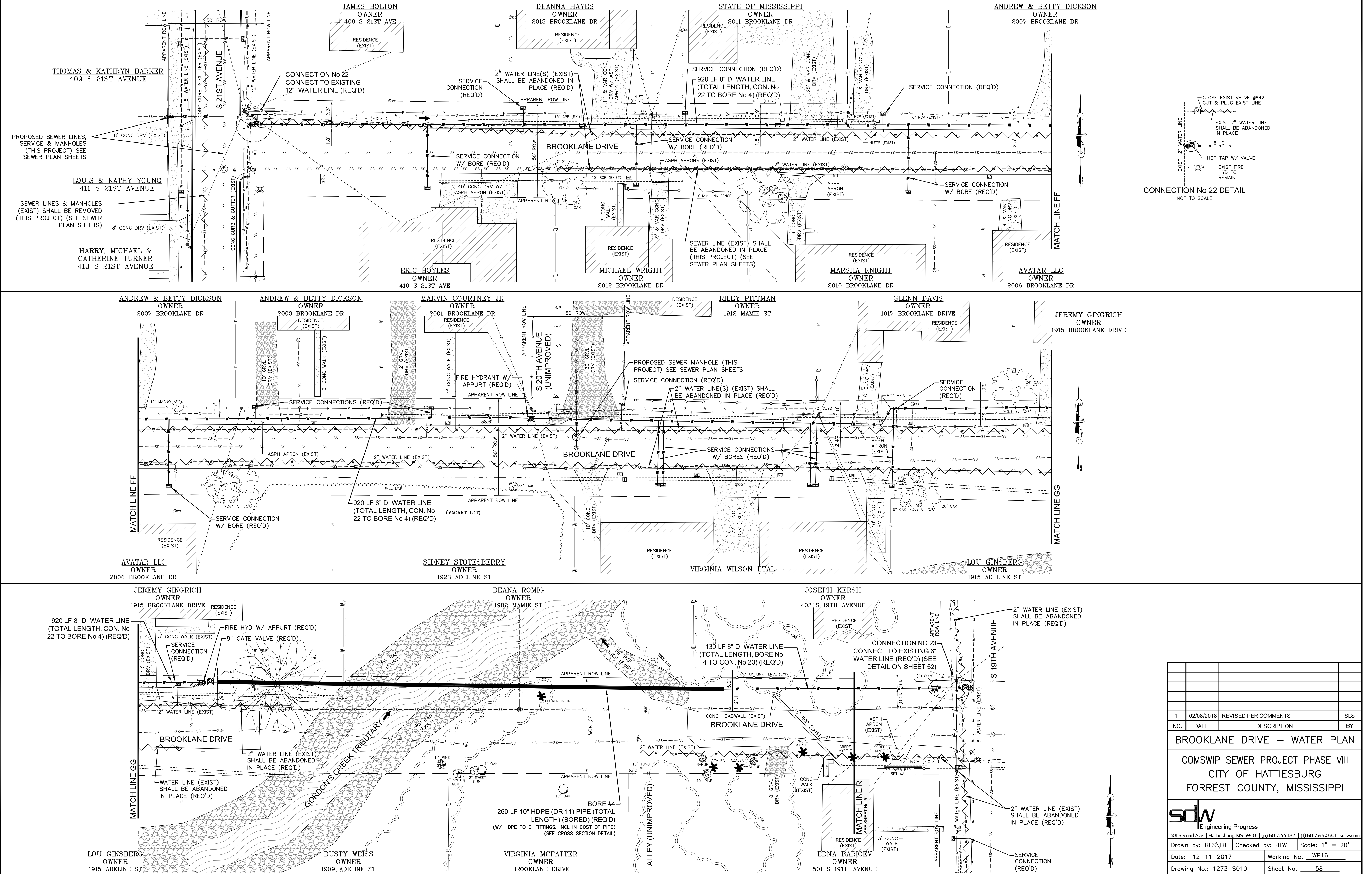
NO.	DATE	DESCRIPTION	BY
1	02/08/2018	REVISED PER COMMENTS	SLS

EVA STREET – WATER PLAN

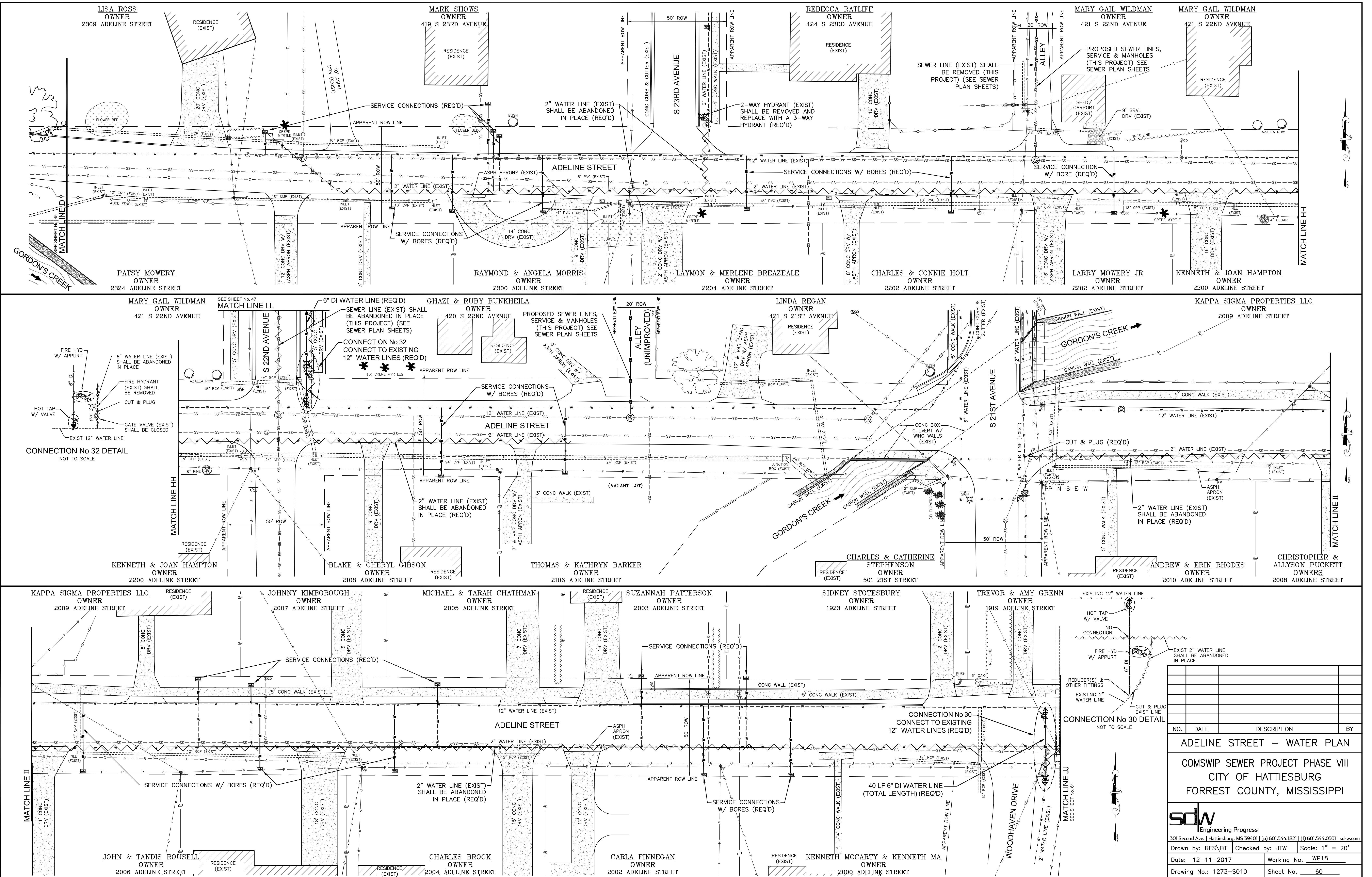
COMSWIP SEWER PROJECT PHASE VIII
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Drawing No.: 1273-S010	Sheet No. 57	



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BROOKLANE DRIVE – WATER PLAN			
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Date: 12-11-2017		Working No. WP16	
Drawing No.: 1273-S010		Sheet No. 58	



NO.	DATE	DESCRIPTION	BY

ADELINE STREET – WATER PLAN

COMSWIP SEWER PROJECT PHASE VIII
CITY OF HATTIESBURG
FORREST COUNTY, MISSISSIPPI

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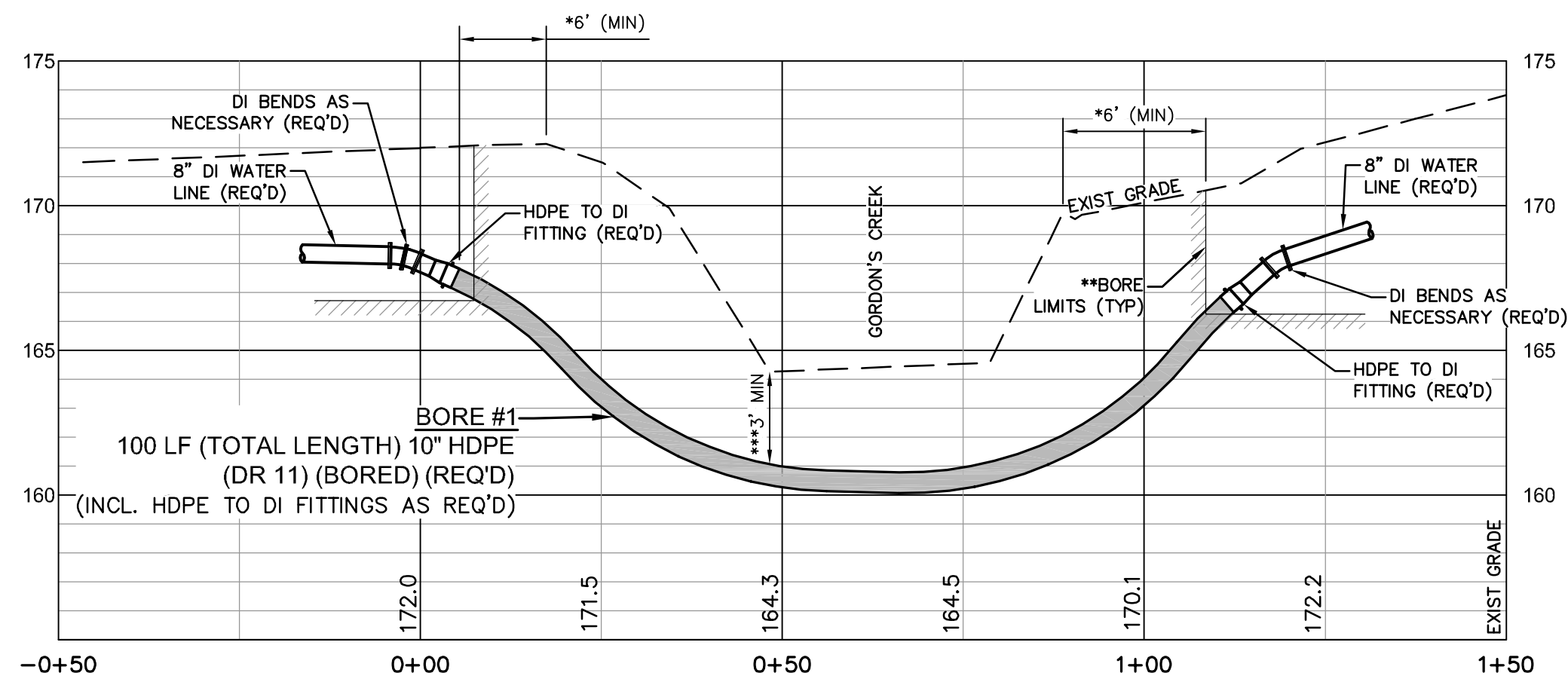
301 Second Ave., Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sdw.com

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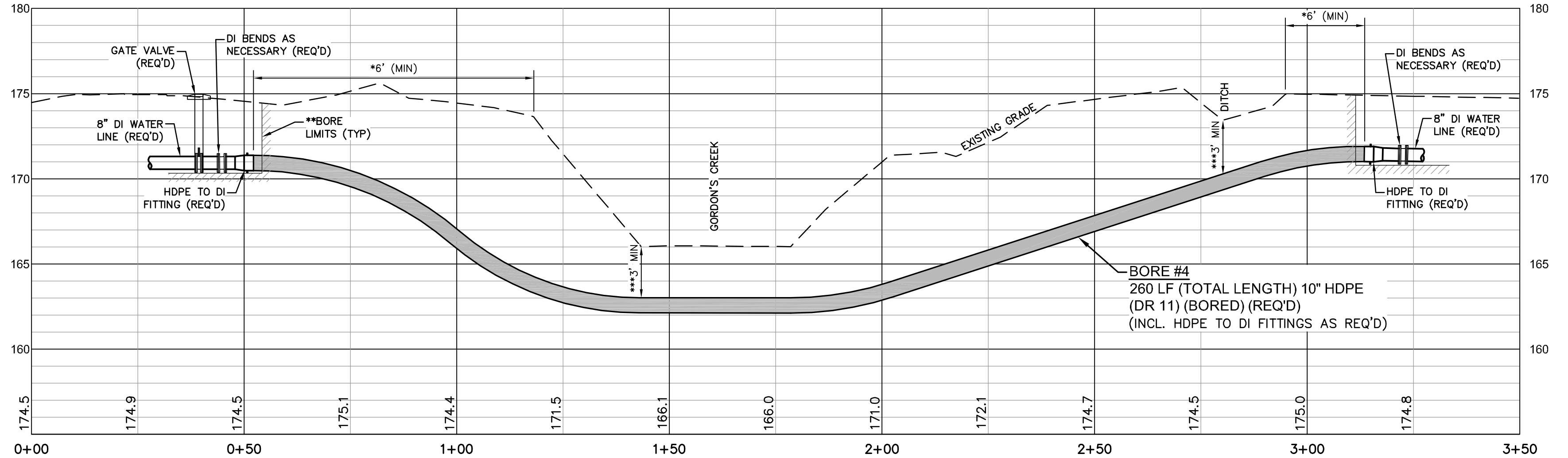
Date: 12-11-2017 Working No. WP18

Drawing No.: 1273-S010 Sheet No. 60

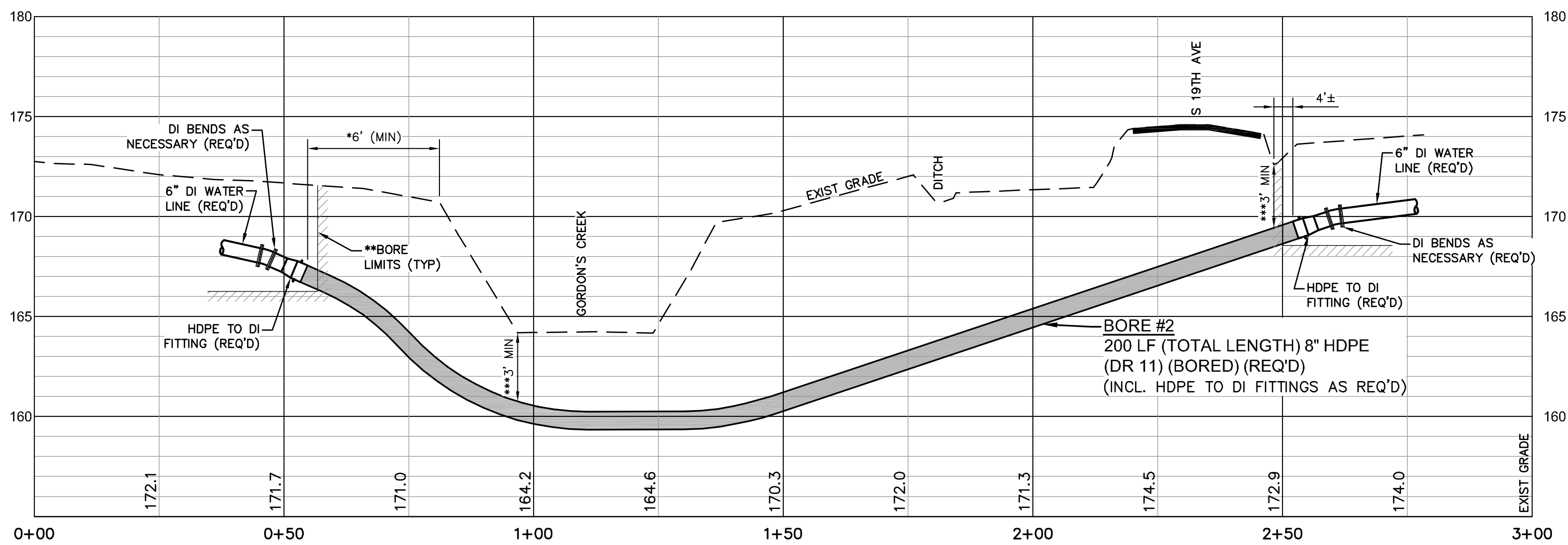
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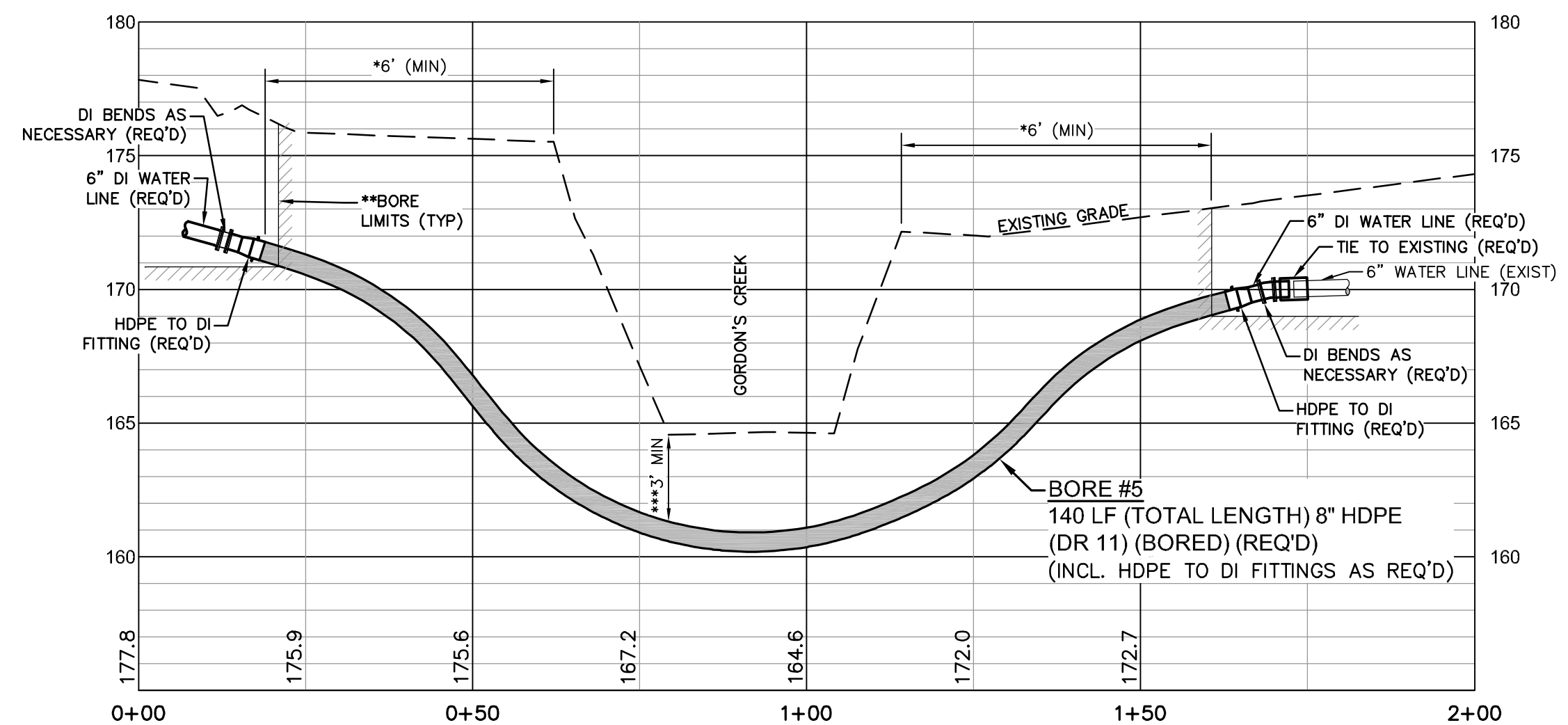
CROSS SECTION - BORE No. 1
(ACROSS GORDON'S CREEK TRIBUTARY NEAR THE CAMP ST / S 19TH AVE INTERSECTION)



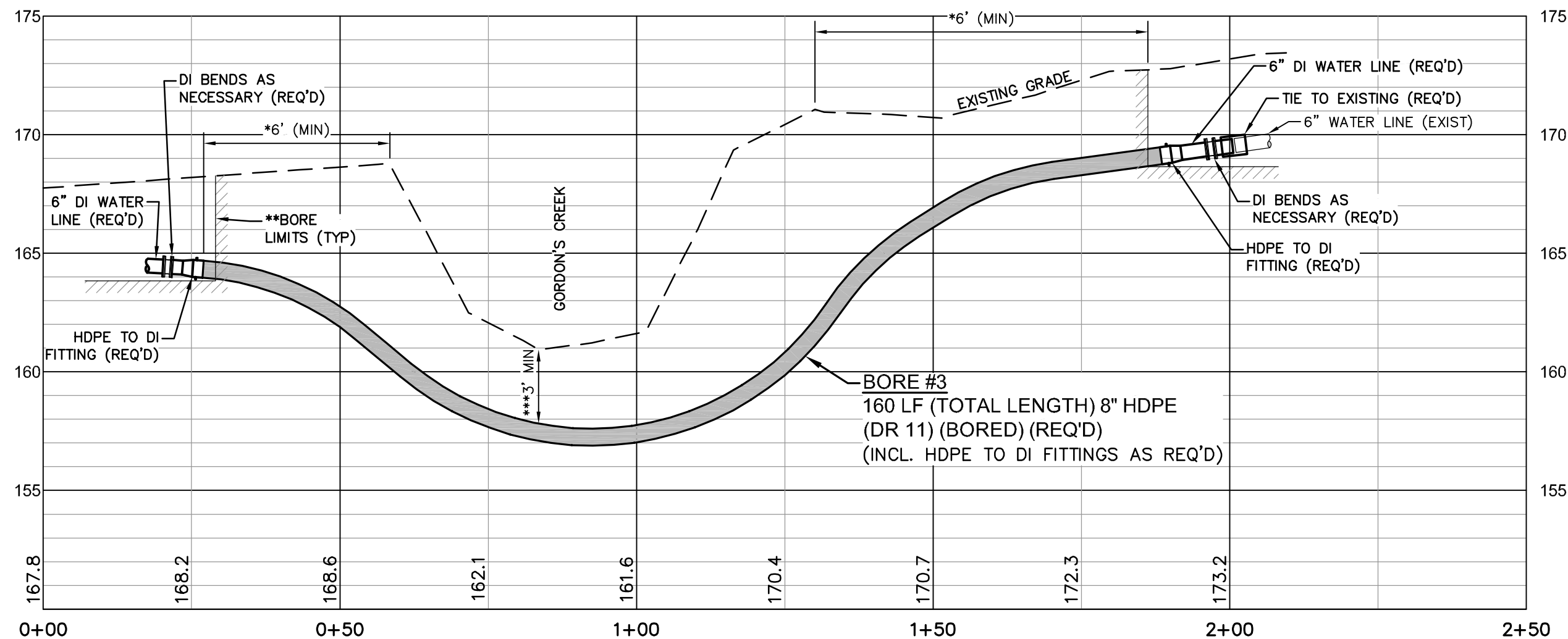
CROSS SECTION - BORE NO. 4
(ACROSS GORDON'S CREEK TRIBUTARY AT BROOKLANE DR)



CROSS SECTION - BORE No. 2
(ACROSS GORDON'S CREEK TRIBUTARY & S 19TH AVE AT EVA ST)



CROSS SECTION - BORE NO. 5
(ACROSS GORDON'S CREEK AT BROOKLANE DR)

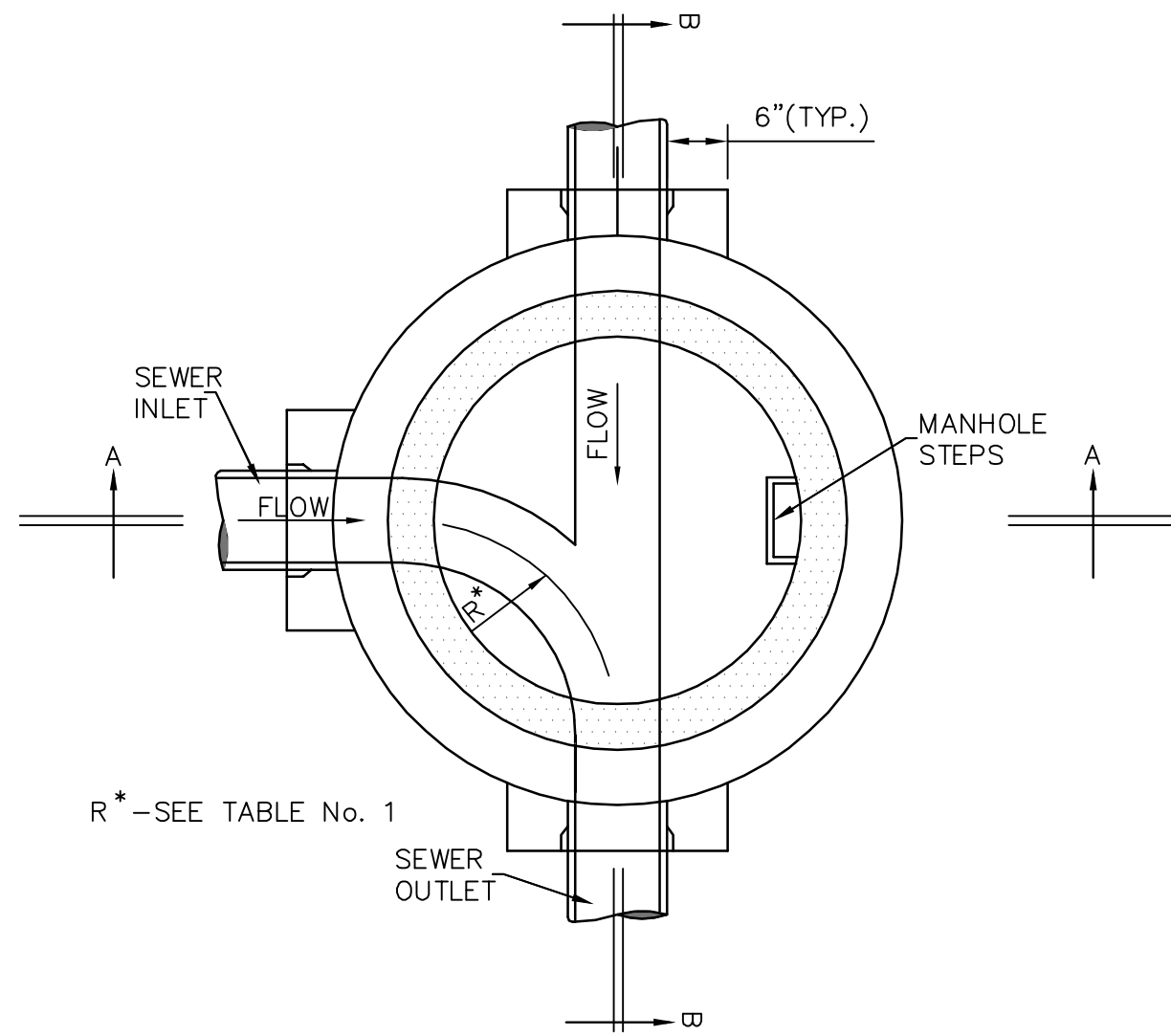


CROSS SECTION - BORE No. 3
(ACROSS GORDON'S CREEK AT EVA ST)

CROSS SECTION NOTES:

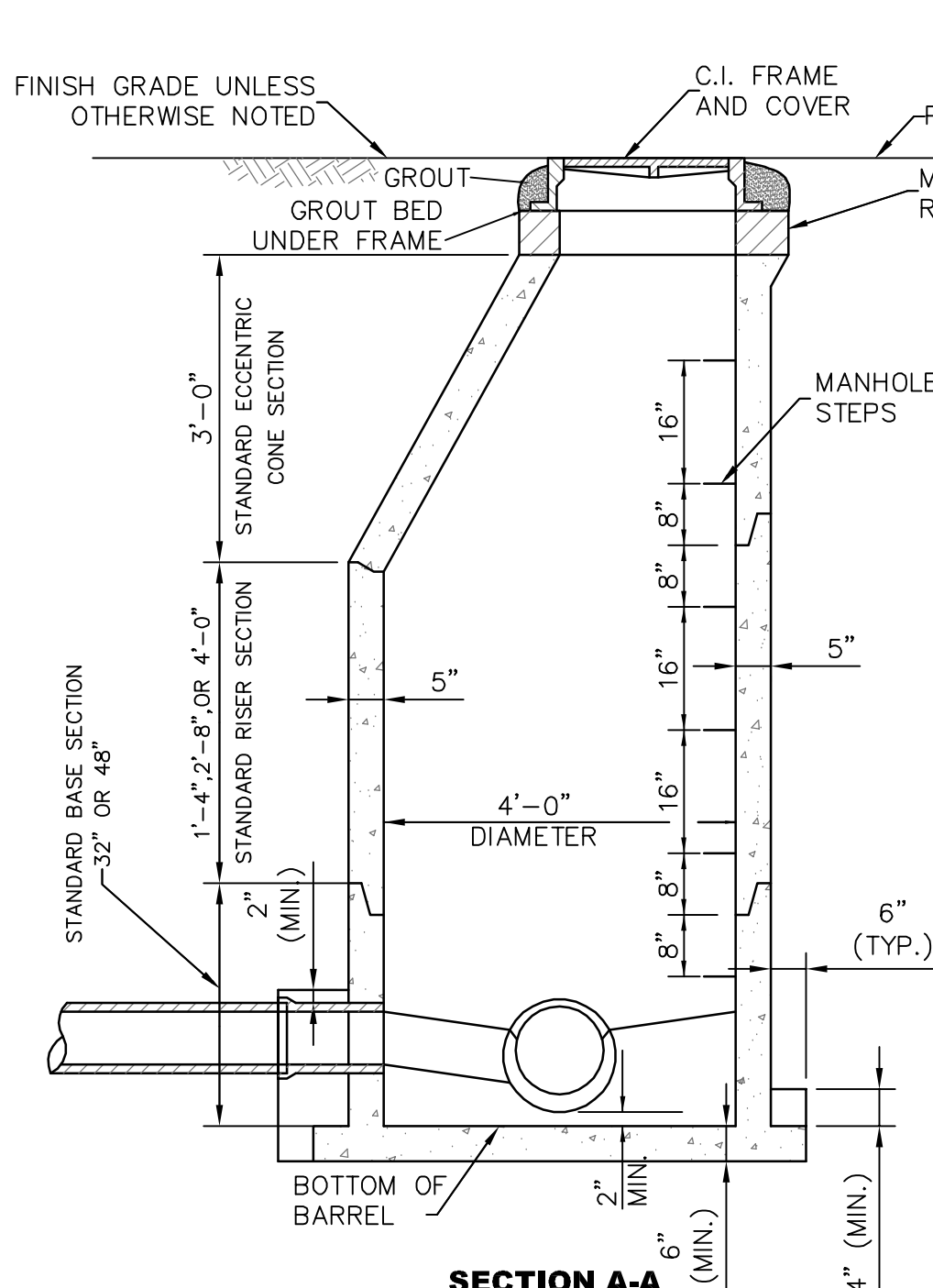
1. *BORE SHALL START & END A MINIMUM OF 6' FROM TOP BANK OF CREEK.
2. **BORE PIT TRENCH SHALL NOT BE EXCAVATED MORE THAN TWO (2) FEET FROM END OF BORE TOWARD CREEK.
3. ***THERE SHALL BE A MINIMUM OF 36 INCHES OF COVER BETWEEN THE FLOWLINE OF THE DITCH OR CREEK AND TOP OF PIPE.
4. LOCATION & DEPTH OF EXIST UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY PRIOR TO BORING OPERATIONS.

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CREEK CROSS SECTIONS			
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FORREST COUNTY, MISSISSIPPI			
sdw Engineering Progress 301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
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Date: 12-11-2017		Working No. XS1	
Drawing No.: 1273-S010		Sheet No. 62	

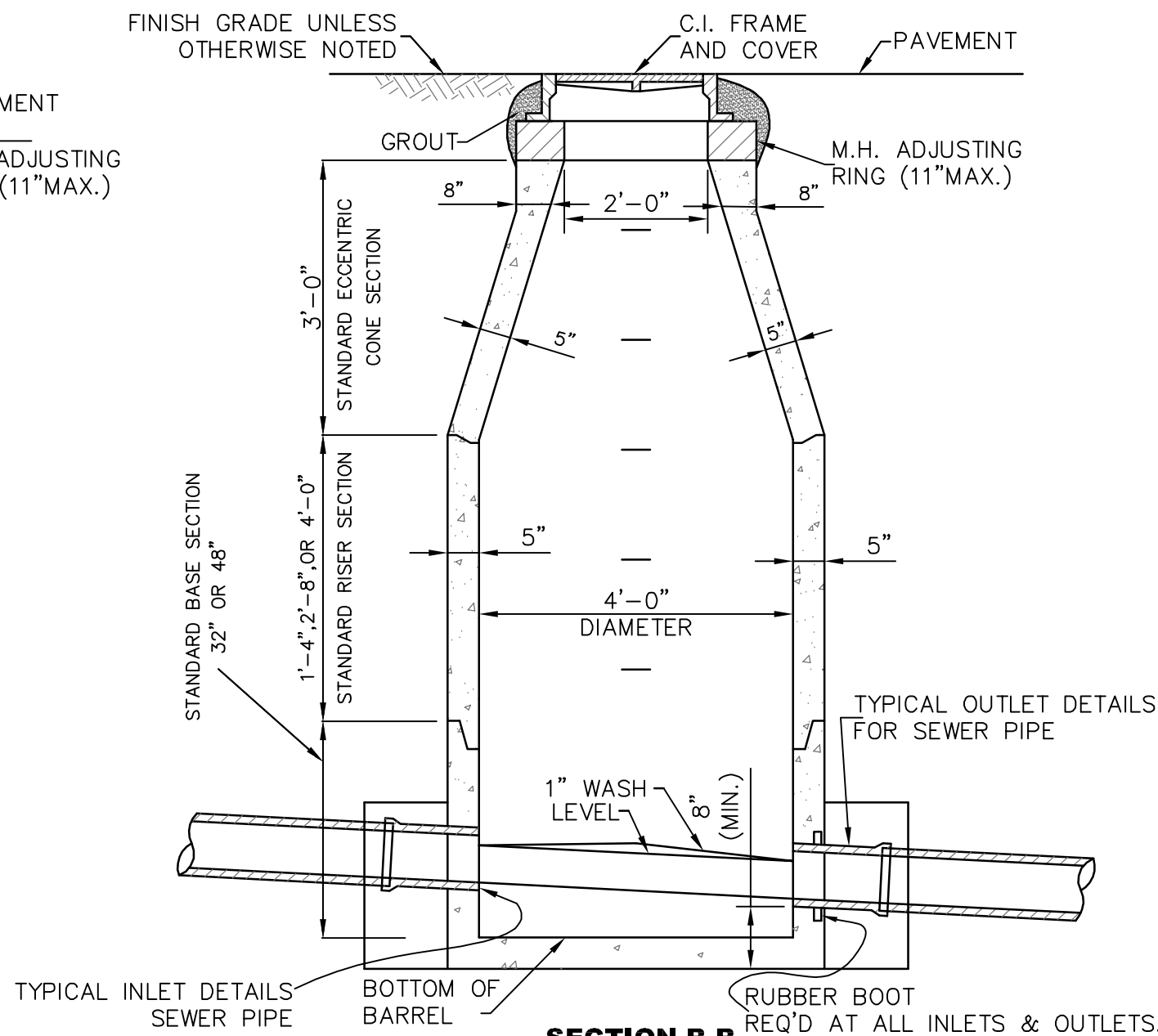


SECTIONAL PLAN
STANDARD PRECAST 4'-0" DIAMETER MANHOLE

NOTE: 5'-0" & 6'-0" DIAMETER MANHOLE MAY BE SIMILAR DESIGN IF APPROVED BY THE ENGINEER. SHOWN WITH CLAY OR CONCRETE PIPE

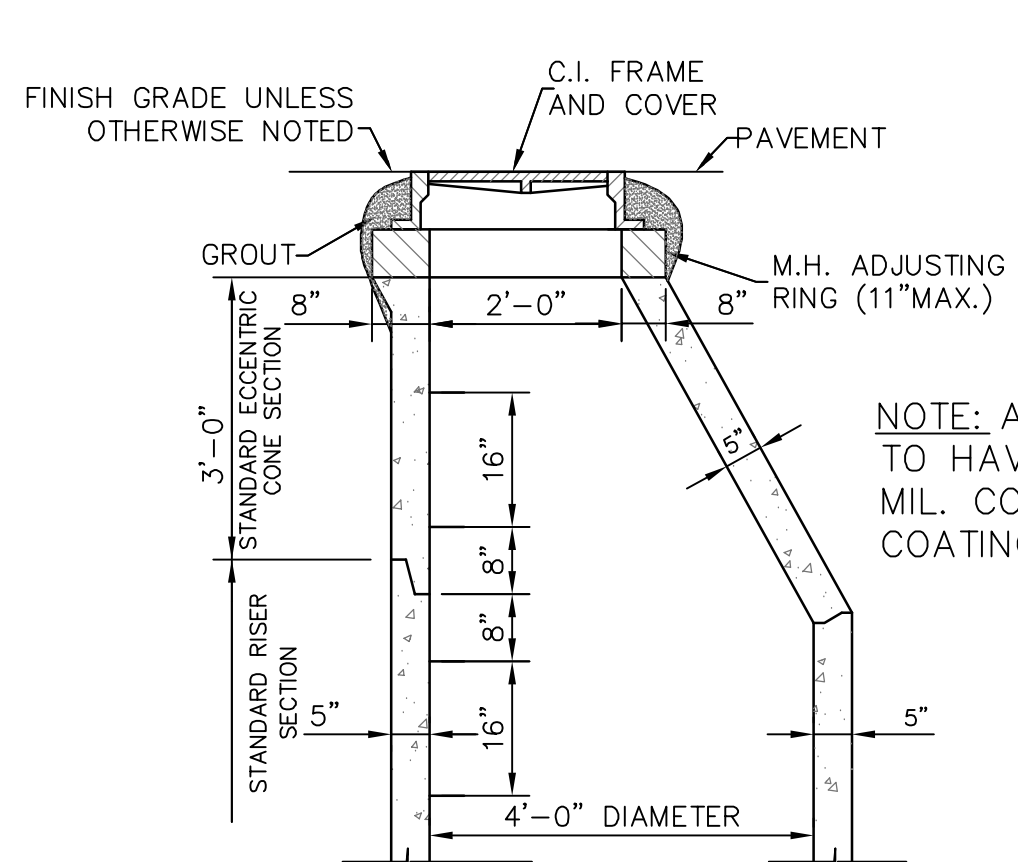


SECTION A-A
SHOWN WITH MANHOLE BOTTOM-PRECAST



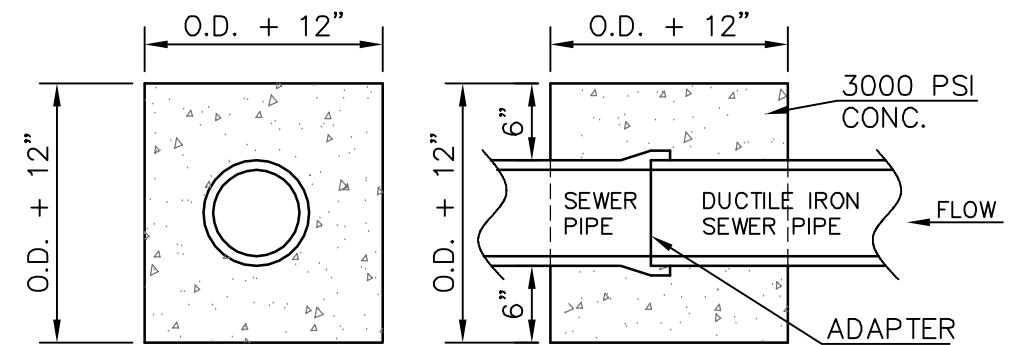
SECTION B-B
SHOWN WITH MANHOLE BOTTOM CAST-IN-PLACE

NOTE: CAST-IN-PLACE MANHOLE BOTTOMS SHALL HAVE #4 BARS 12" O.C.E.W. 4" ABOVE BOTTOM OF SLAB EXTENDING TO 3" OF EDGE OF SLAB. CAST-IN-PLACE BOTTOMS SHALL BE A MIN. OF 8" THICK.



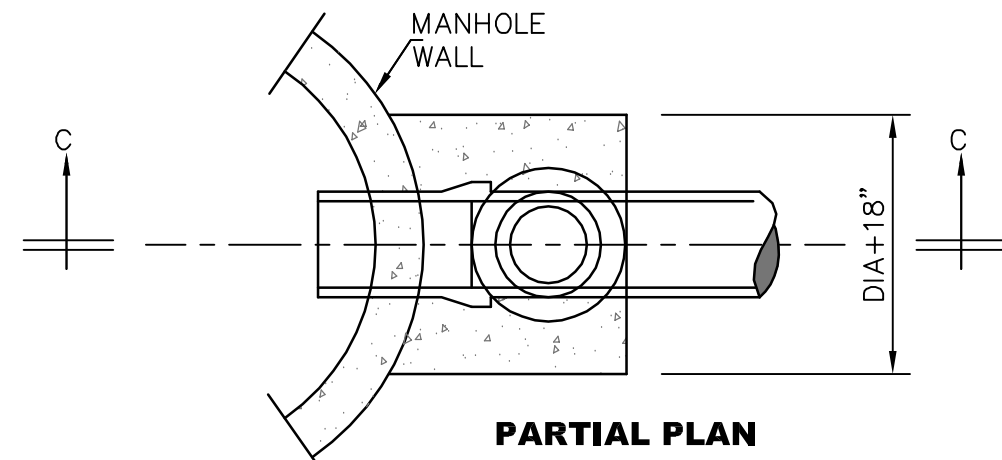
STANDARD ECCENTRIC CONE
FOR ALL DIAMETER MANHOLES

NOTE: DETAILS FOR RISER & BASE SECTIONS ARE SAME AS SHOWN IN SECTION A-A & B-B.



TYPICAL SEWER PIPE
CONNECTION TO SAME SIZE
DUCTILE IRON SEWER PIPE

NOTE: DROP MANHOLE ASSEMBLY TO BE FORMED AND POURED USING 3,000psi CONC.



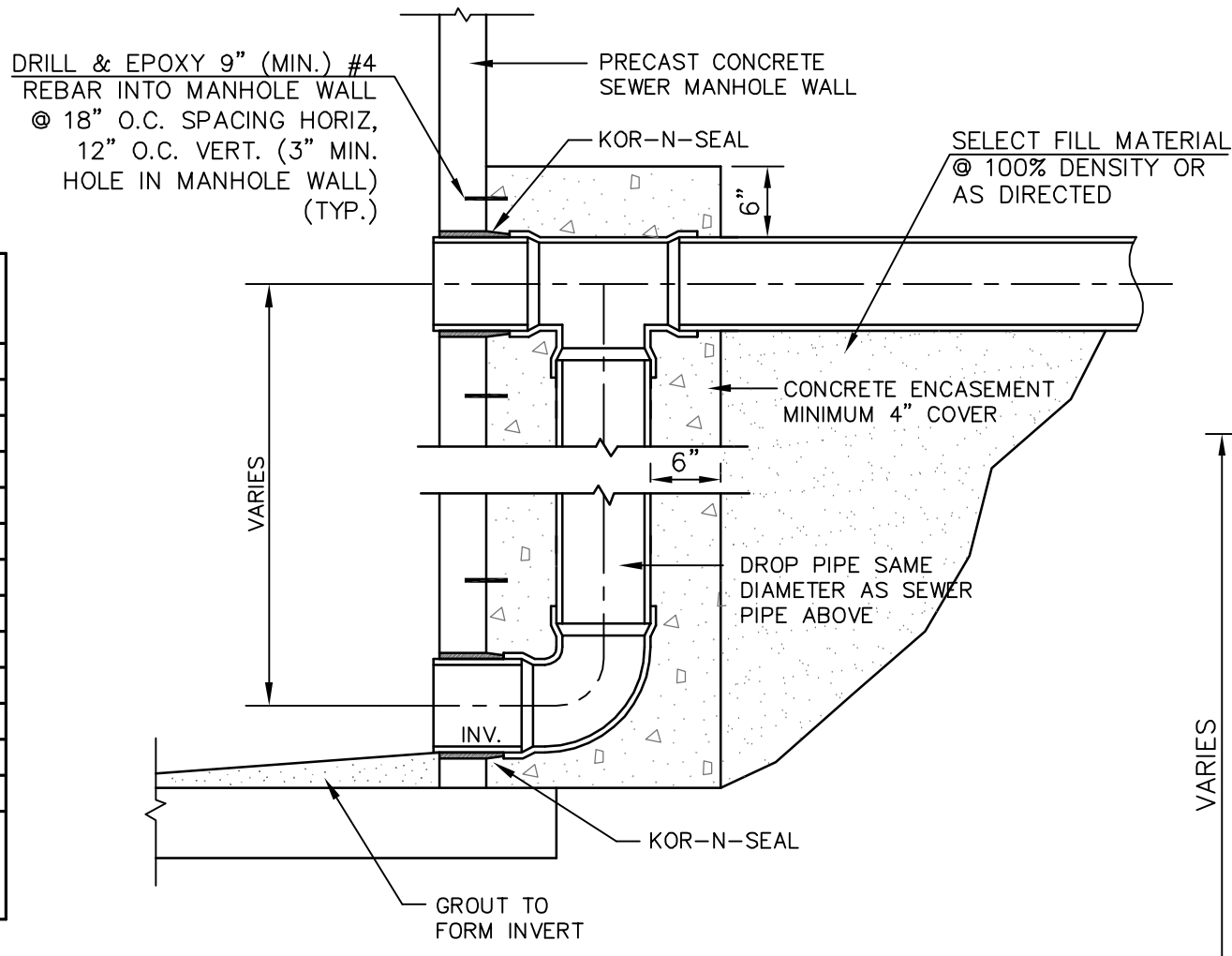
TYPICAL DROP MANHOLE ASSEMBLY

NOTE:

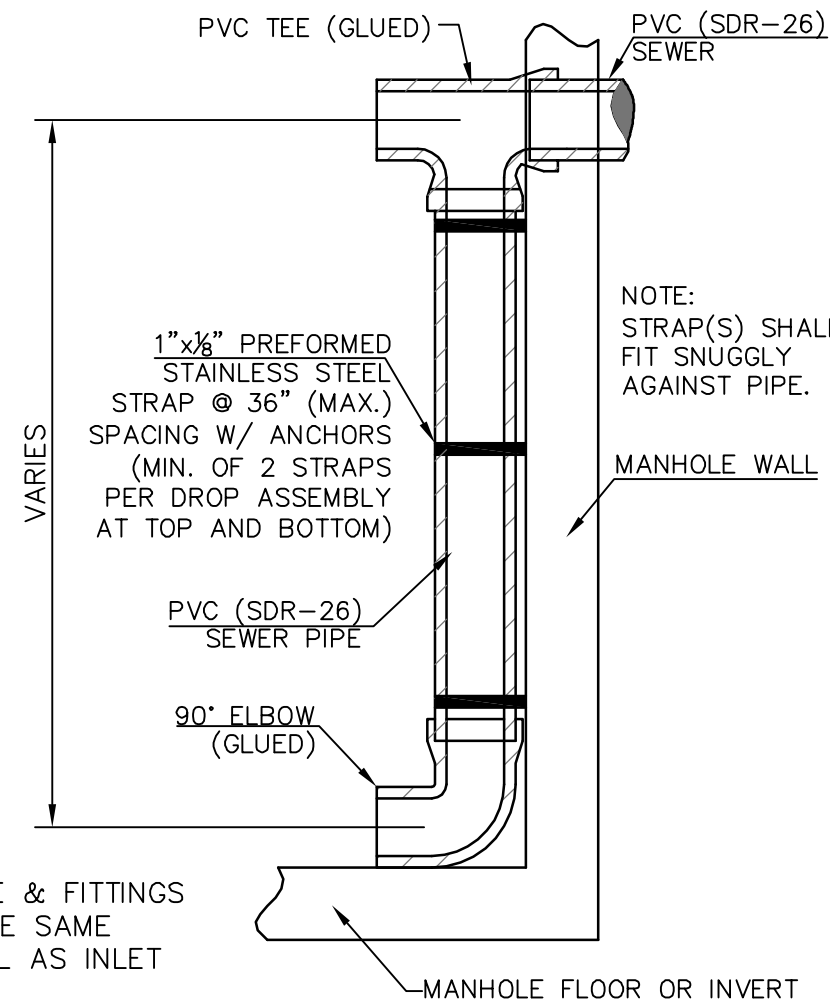
ALL MANHOLES SHALL BE STANDARD PRECAST WITH EXTENDED BASES, UNLESS OTHERWISE DIRECTED. FLEXIBLE INLET AND OUTLET CONNECTION BOOTS REQUIRED ON ALL PIPES AND FORCE MAINS.

TABLE NO. 1 GOVERNING DIMENSIONS FOR MANHOLES				
PIPE SIZE	Ø ANGLE	MIN. BASE DIAMETER	"R"*	
8" THRU 12"	0° TO 90°	4'	1'-6"	
15"	0° TO 60°	5'	1'-10"	
15"	60° TO 90°	5'	1'-10"	
18"	0° TO 90°	5'	2'-3"	
18"	60° TO 90°	5'	1'-10"	
21"	0° TO 90°	5'	2'-7"	
21"	60° TO 90°	5'	2'-4"	
24"	0° TO 45°	6'	3'-0"	
24"	45° TO 90°	6'	2'-3"	
30"	0° TO 60°	6'	3'-9"	
30"	60° TO 90°	6'	2'-8"	
36"	0° TO 30°	7'	4'-6"	
36" AND LARGER	0° TO 90°	CAST IN PLACE MANHOLE BASE OR PRE-BED PIPE M.H. BASE AND ELBOW UNITS.		

* SEE SECTIONAL PLAN, STD. PRECAST MANHOLE



DETAIL "B"
SECTION C-C

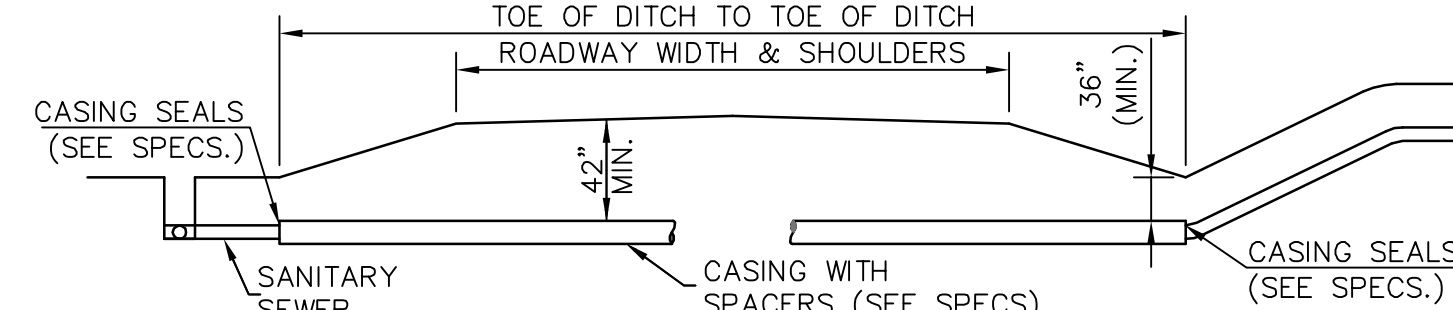


DETAIL "A"
SECTION C-C

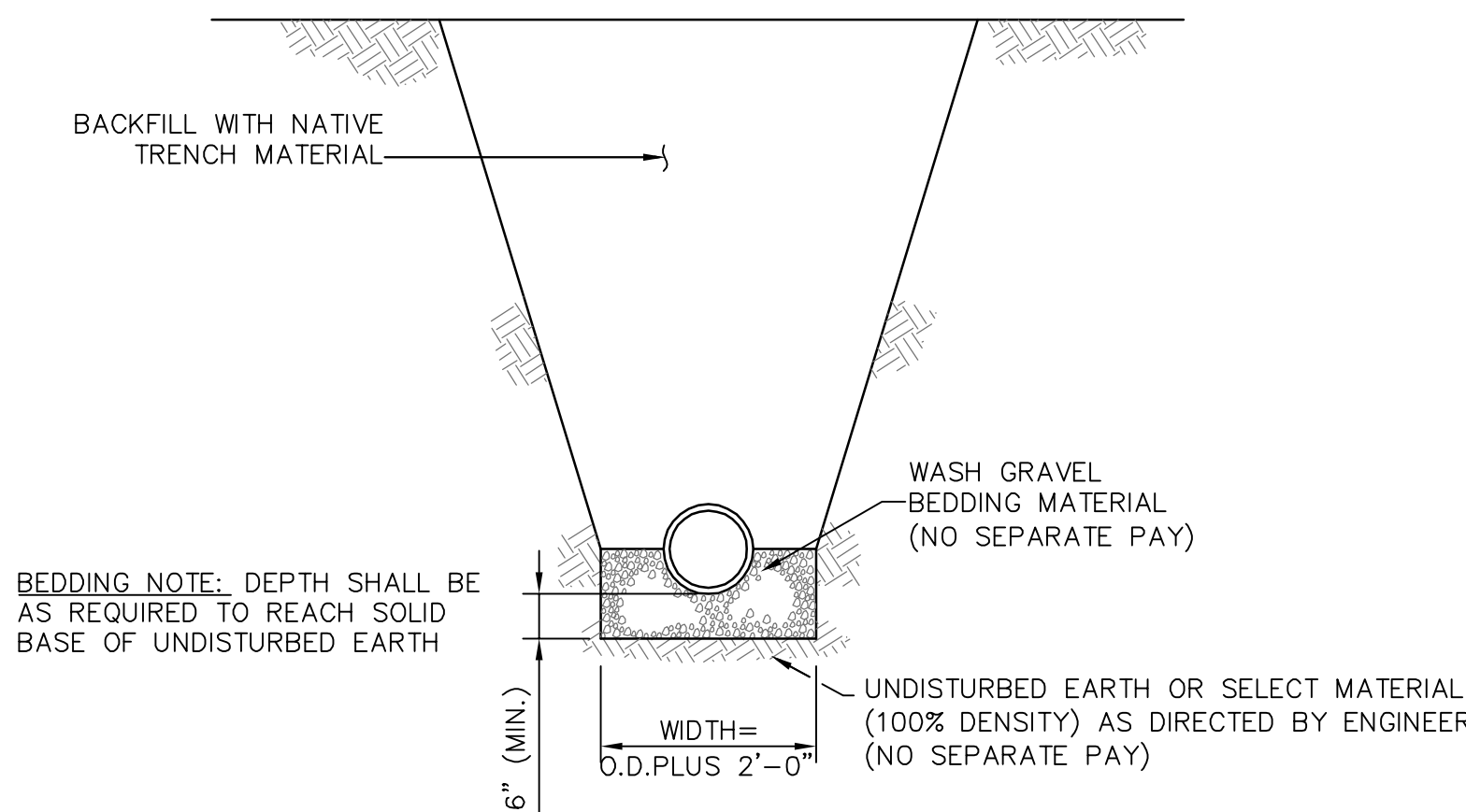
TYPICAL DROP MANHOLE ASSEMBLY

- NOTES:
1. USE DETAIL "A" ONLY WHERE SINGLE DROP ASSEMBLY IS REQ'D. FOR MULTIPLE DROPS USE DETAIL "B" SHOWN ELSEWHERE ON THIS SHEET FOR 48" MANHOLE. FOR MULTIPLE DROP ASSEMBLIES IN LARGER MANHOLES, DROPS SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
 2. ALL HARDWARE SHALL BE STAINLESS STEEL.
 3. ALL APPURTENANCES SHALL BE INCLUDED IN BID PRICE FOR DROP ASSEMBLIES.

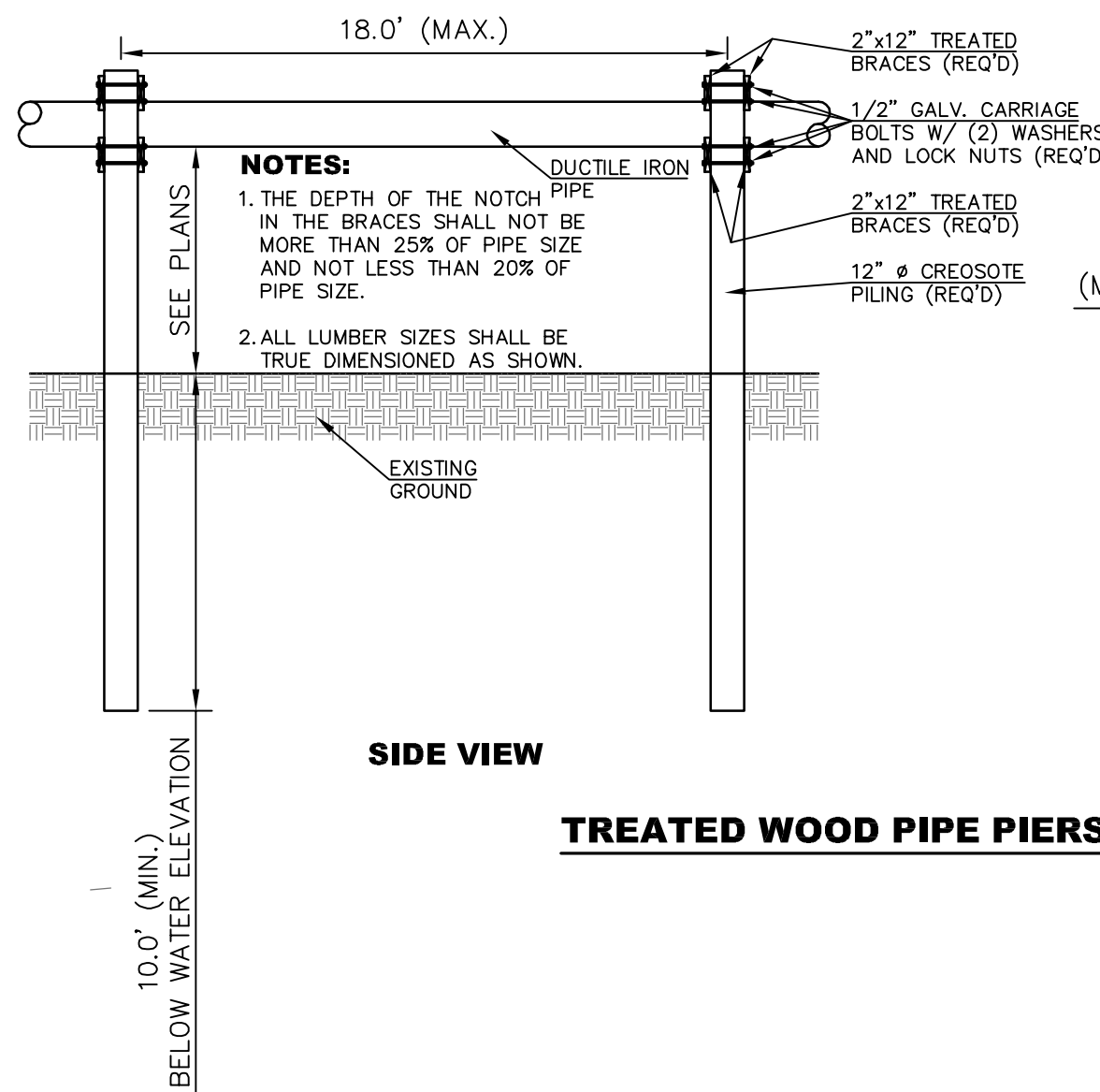
NOTE: ALL TESTING TO BE THE RESPONSIBILITY OF THE CONTRACTOR. (NO SEPARATE PAY)



ROAD BORE DETAIL

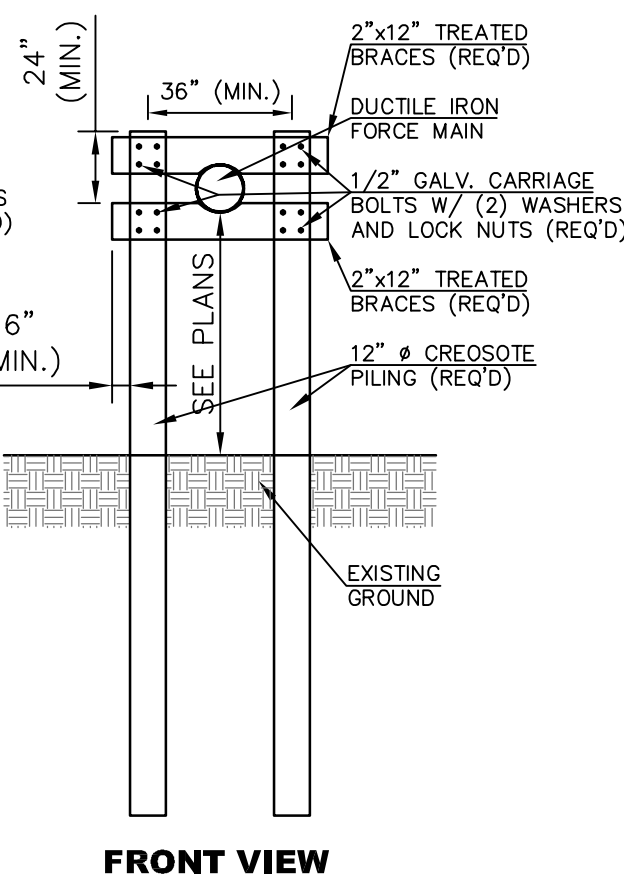


TYPICAL TRENCH IN NON-PAVED AREAS DETAIL



SIDE VIEW

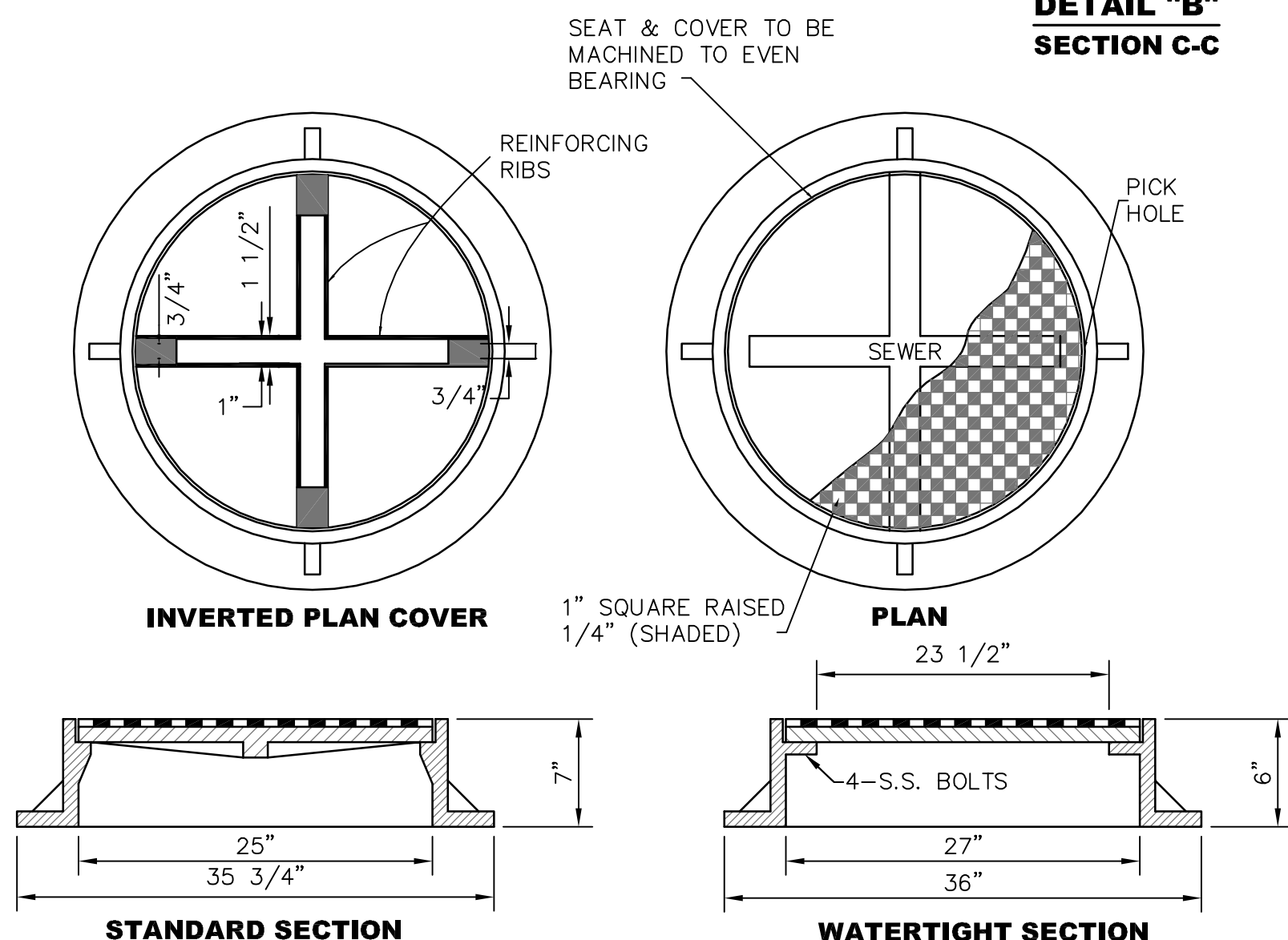
TREATED WOOD PIPE PIERS



FRONT VIEW

GENERAL NOTES:

1. ALL ELEMENTS SHALL CONFORM TO PRECAST MANHOLE SPECIFICATION. A.S.T.M. C-478 LATEST REVISION.
2. PRECAST CONCRETE RINGS SHALL BE USED TO BRING MANHOLE FRAME AND COVER TO GRADE USE (11" MAX. RISE).
3. MANHOLES IN PAVED AREAS SHALL BE FURNISHED WITH ADJUSTING RINGS.



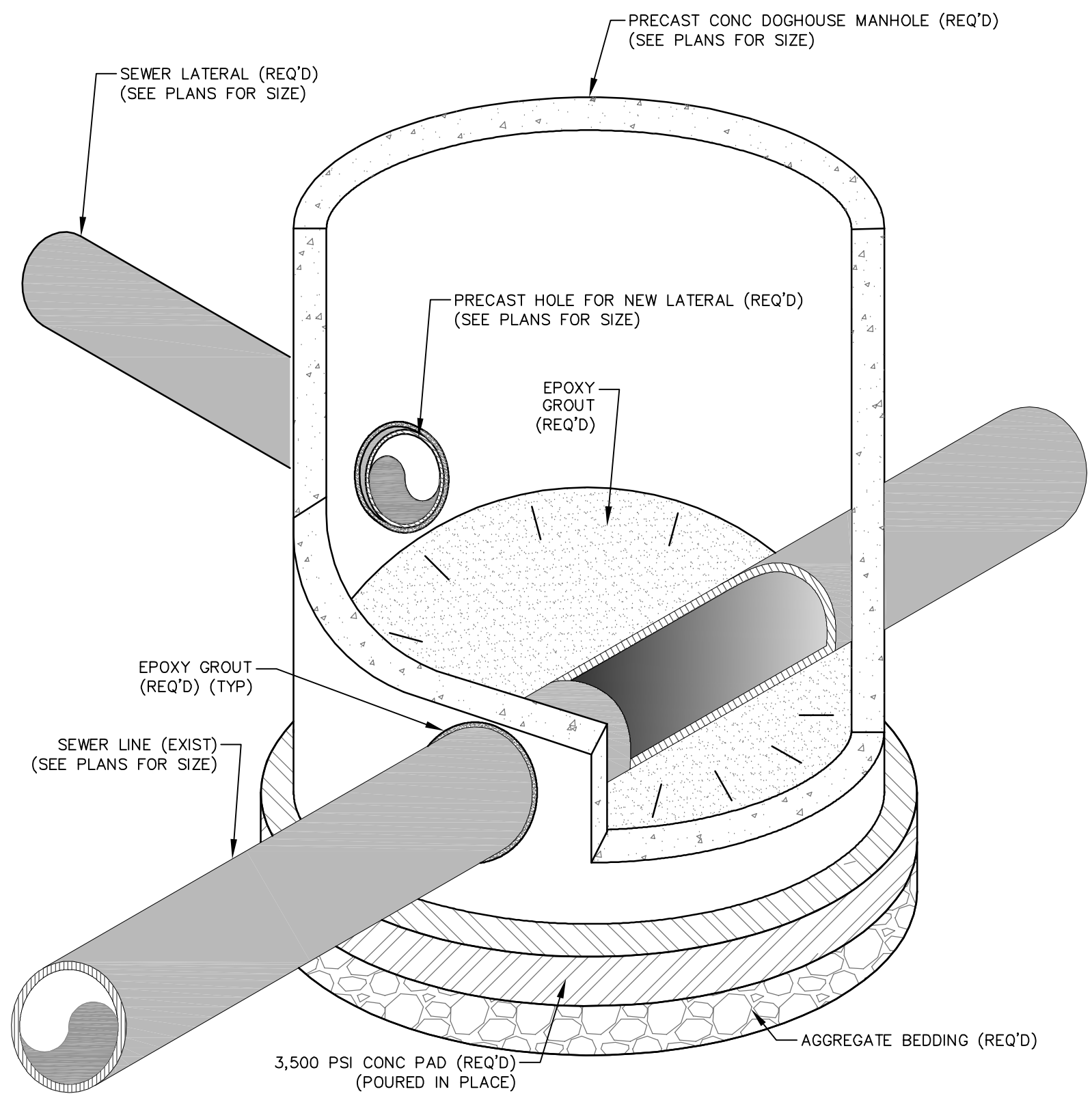
INVERTED PLAN COVER

WATERTIGHT SECTION

STANDARD COVER & FRAME DF-25(7) J.S. OR V-1115 (HOLES IN VULCAN COVERS SHALL BE SEALED BY WELDING) ONLY. WATERTIGHT COVER & FRAME V-2357 OR DF-25(7)W.T. ONLY.

STANDARD MANHOLE COVERS

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Date: 12-11-2017		Working No. SSD1	
Drawing No.: 1273-S010		Sheet No. 63	

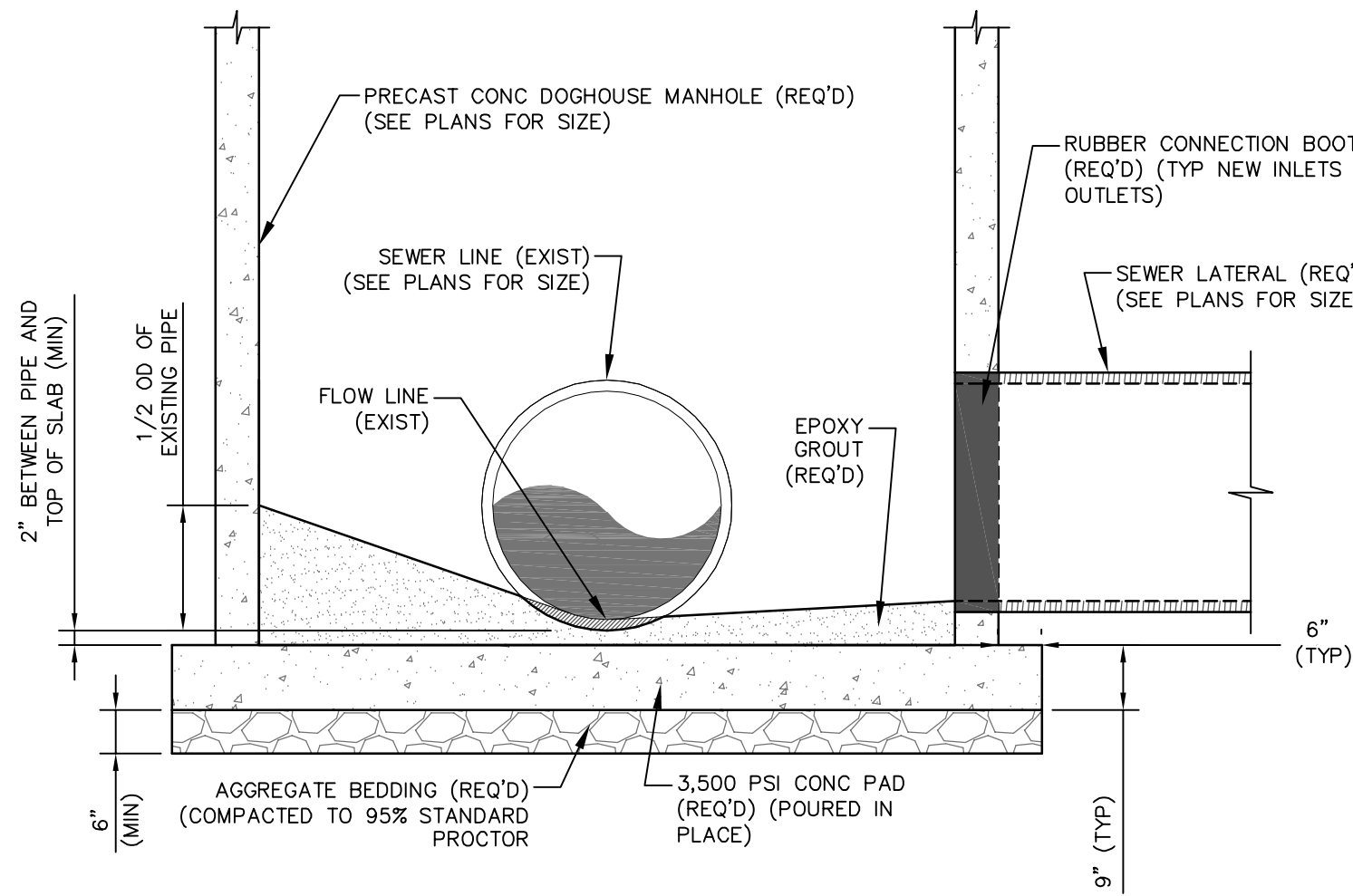


ISOMETRIC VIEW

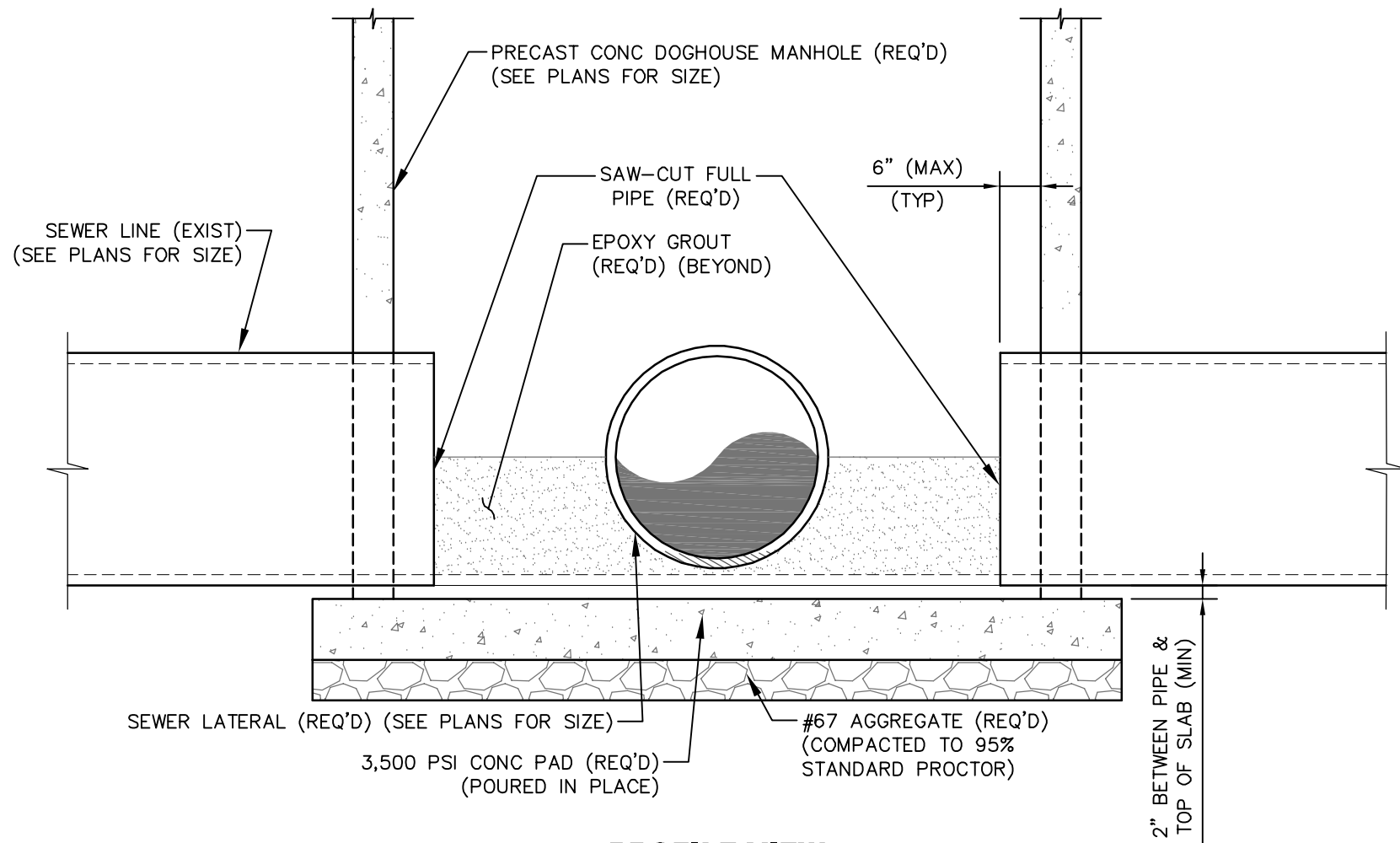
DOGHOUSE MANHOLE NOTES:

1. FLOW SHALL BE MAINTAINED DURING CONSTRUCTION.
2. THIS DETAIL SHALL BE USED WHEN A LATERAL NECESSITATES CONSTRUCTION OF A NEW MANHOLE.
3. CONCRETE MANHOLE PAD SHALL BE POURED IN PLACE AND SHALL BE POURED UPON A #67 AGGREGATE BEDDING.
4. AGGREGATE BEDDING SHALL HAVE A
5. ALL PARTS OF THE DOGHOUSE MANHOLE CONSTRUCTION, CONCRETE PAD, AGGREGATE BASE, GROUT, ETC, SHALL BE PAID UNDER DOGHOUSE' MANHOLE ITEM.

MINIMUM DEPTH OF 6" AND SHALL BE COMPACTED TO 95% STANDARD PROCTOR PRIOR TO CONSTRUCTION OF CONCRETE PAD.

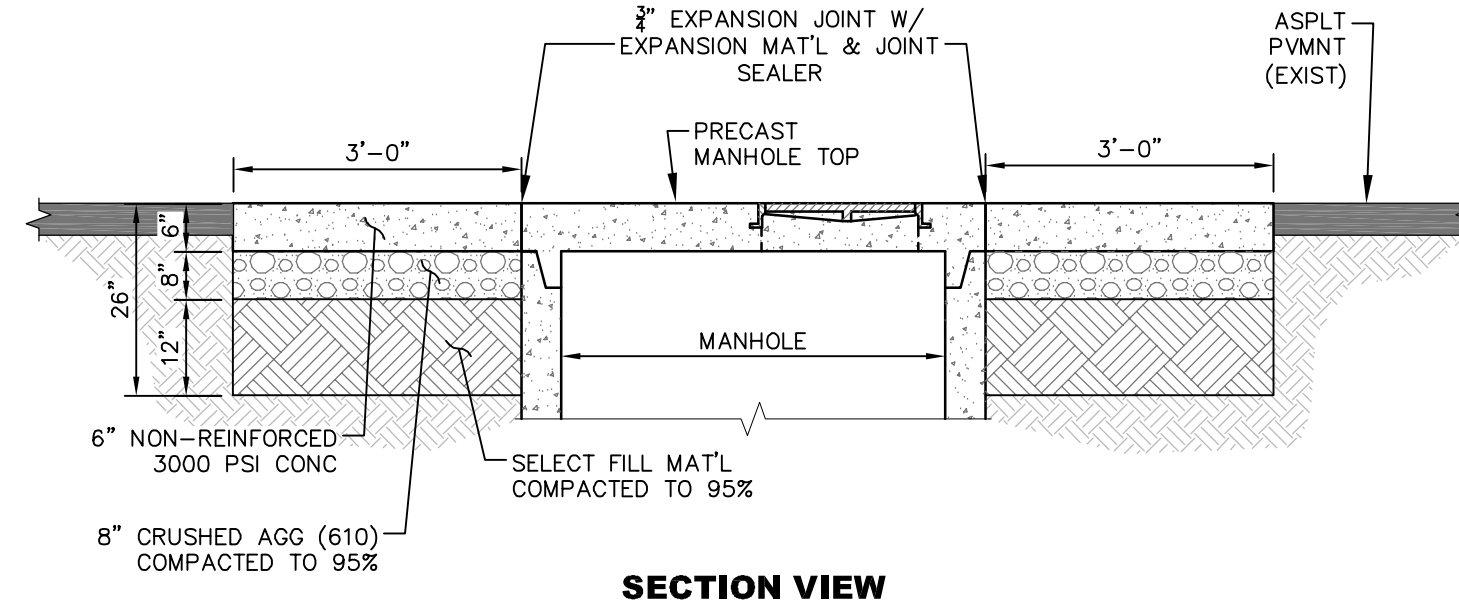


SECTION VIEW

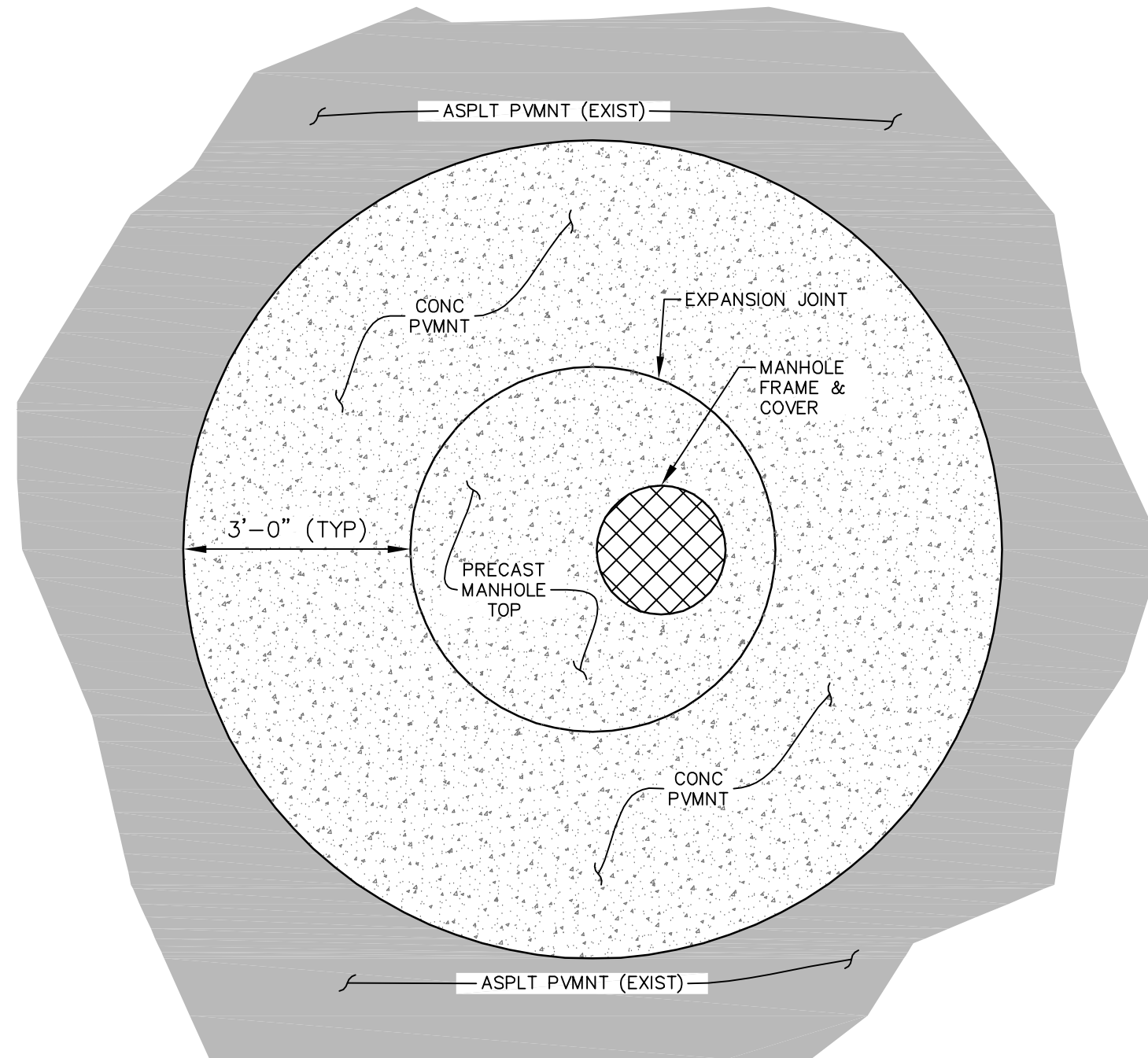


PROFILE VIEW

DOGHOUSE MANHOLE DETAIL

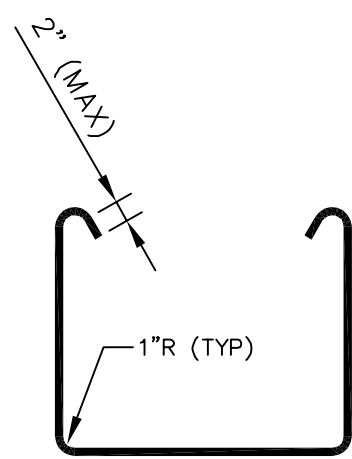


SECTION VIEW

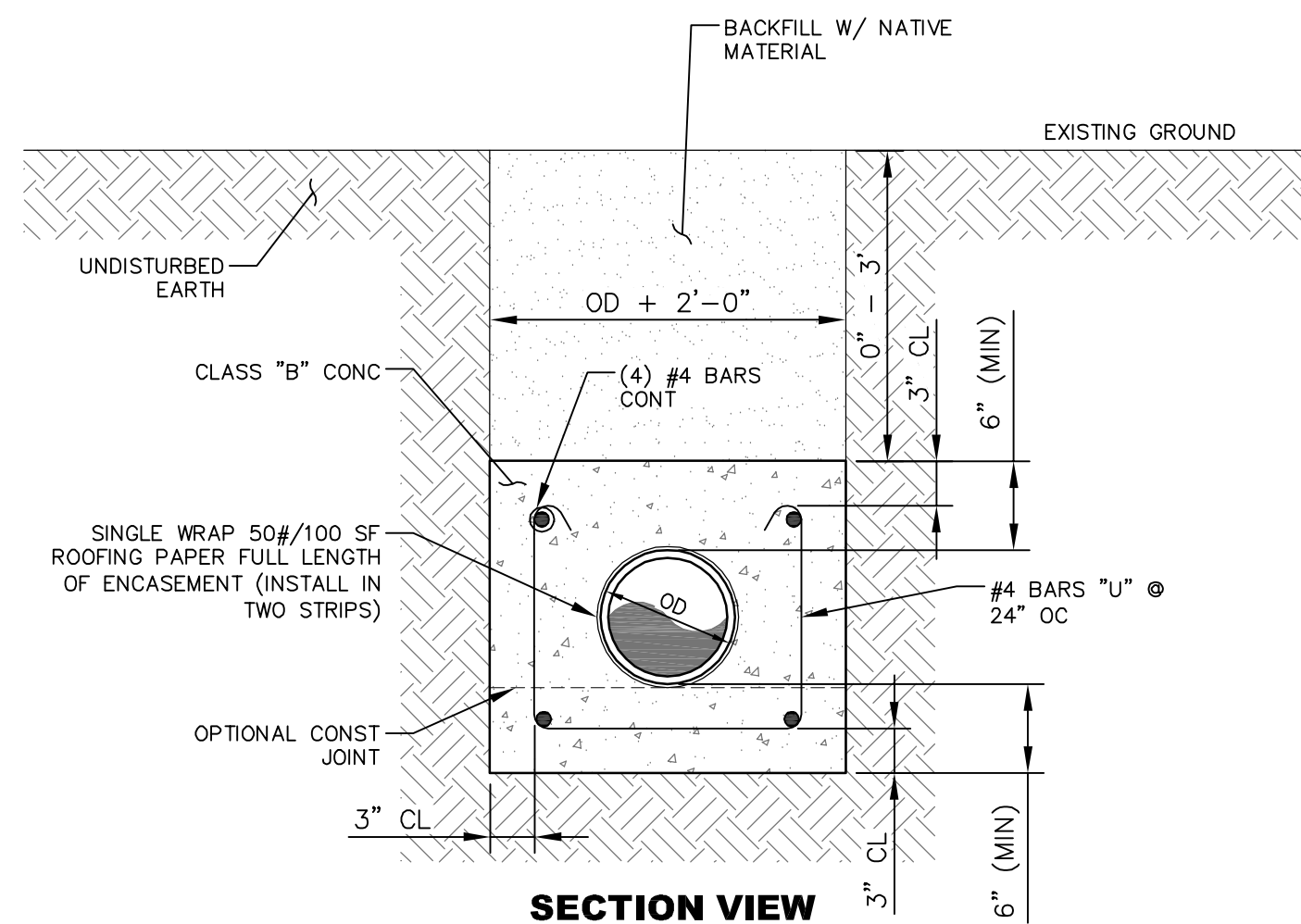


PLAN VIEW

TYPICAL ADDITIONAL PAVING DETAIL @ FLAT TOP MANHOLE

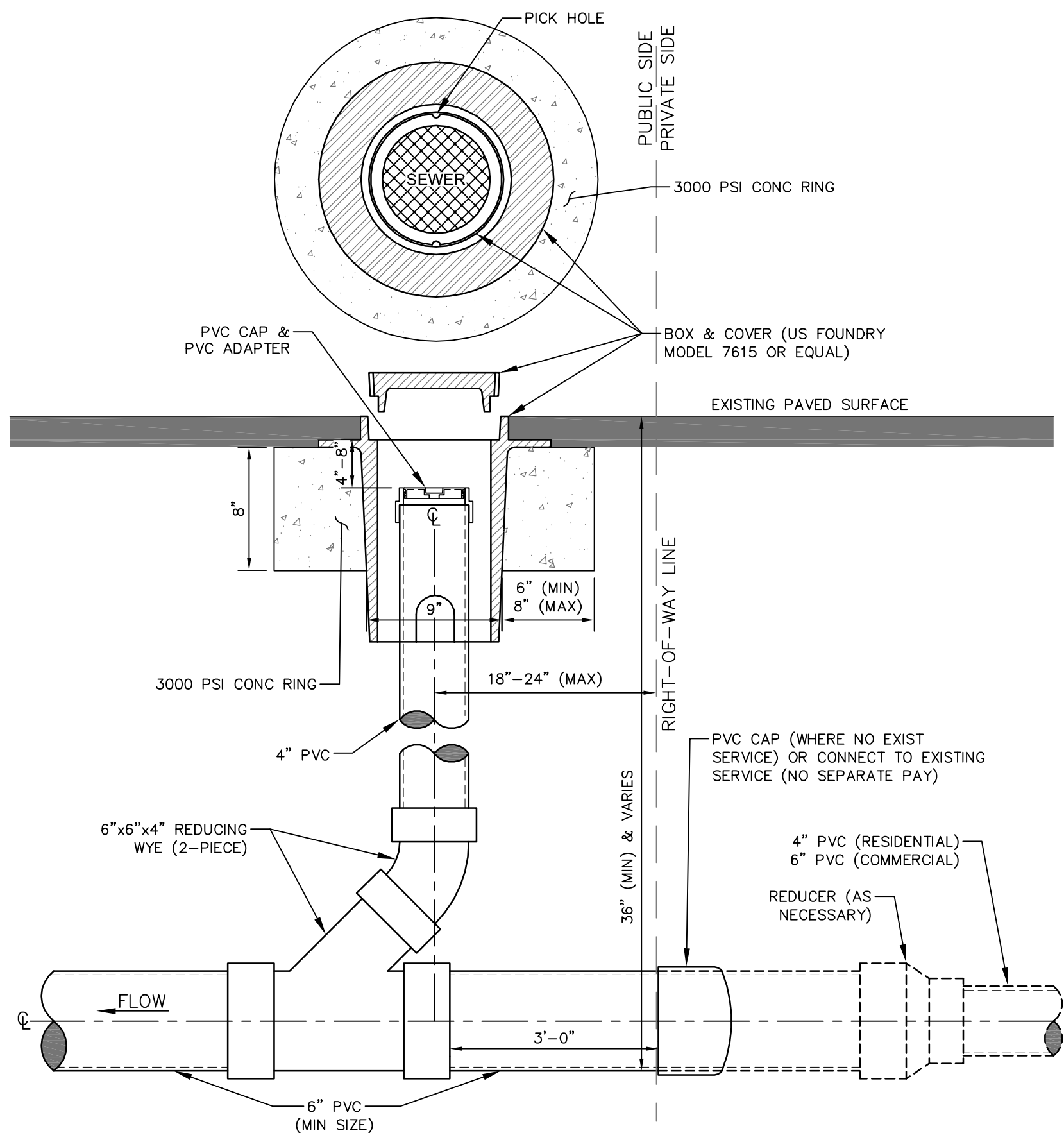


BAR "U" DETAIL



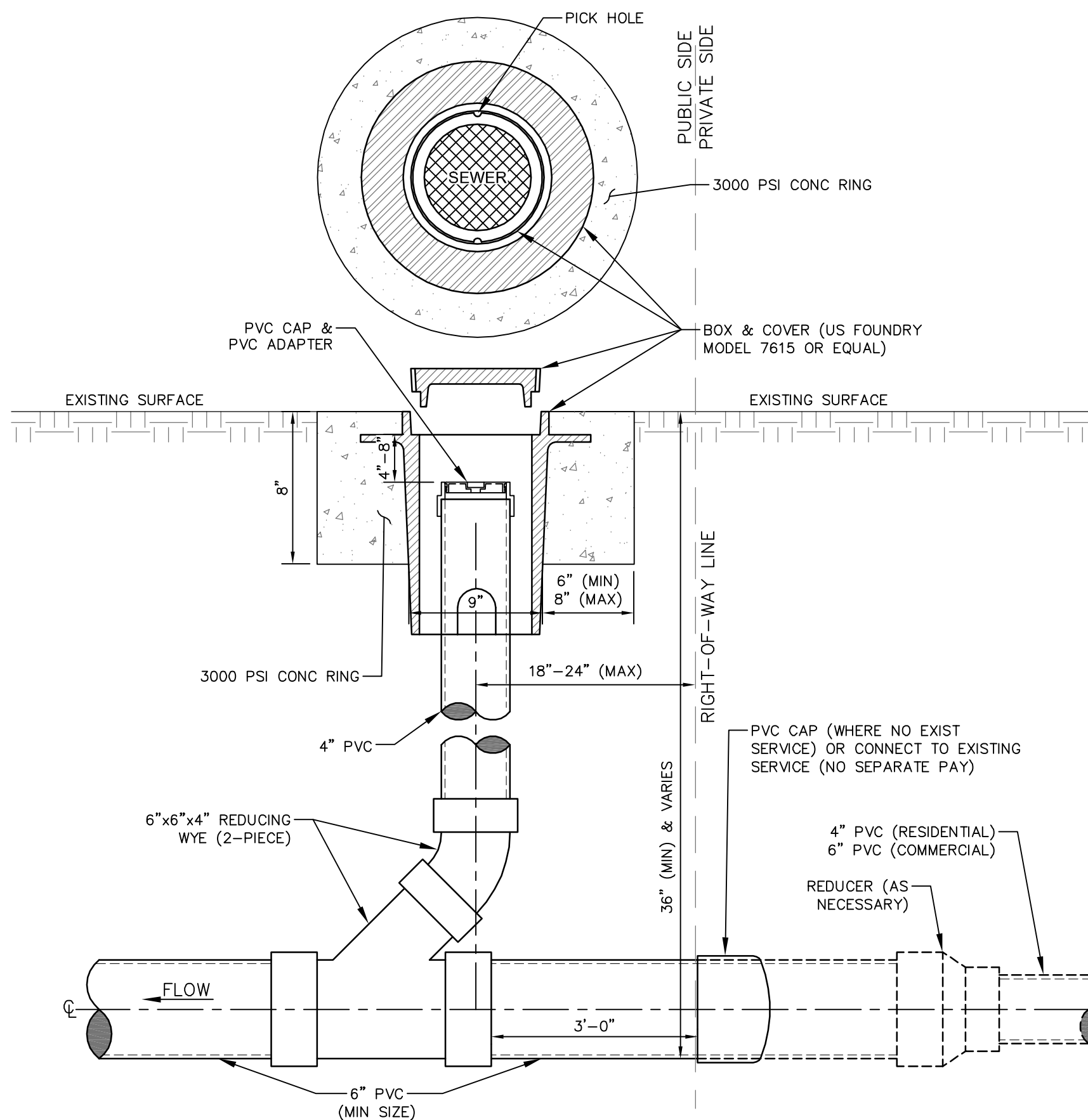
SECTION VIEW

CONCRETE ENCASEMENT FOR LOW COVER DETAIL



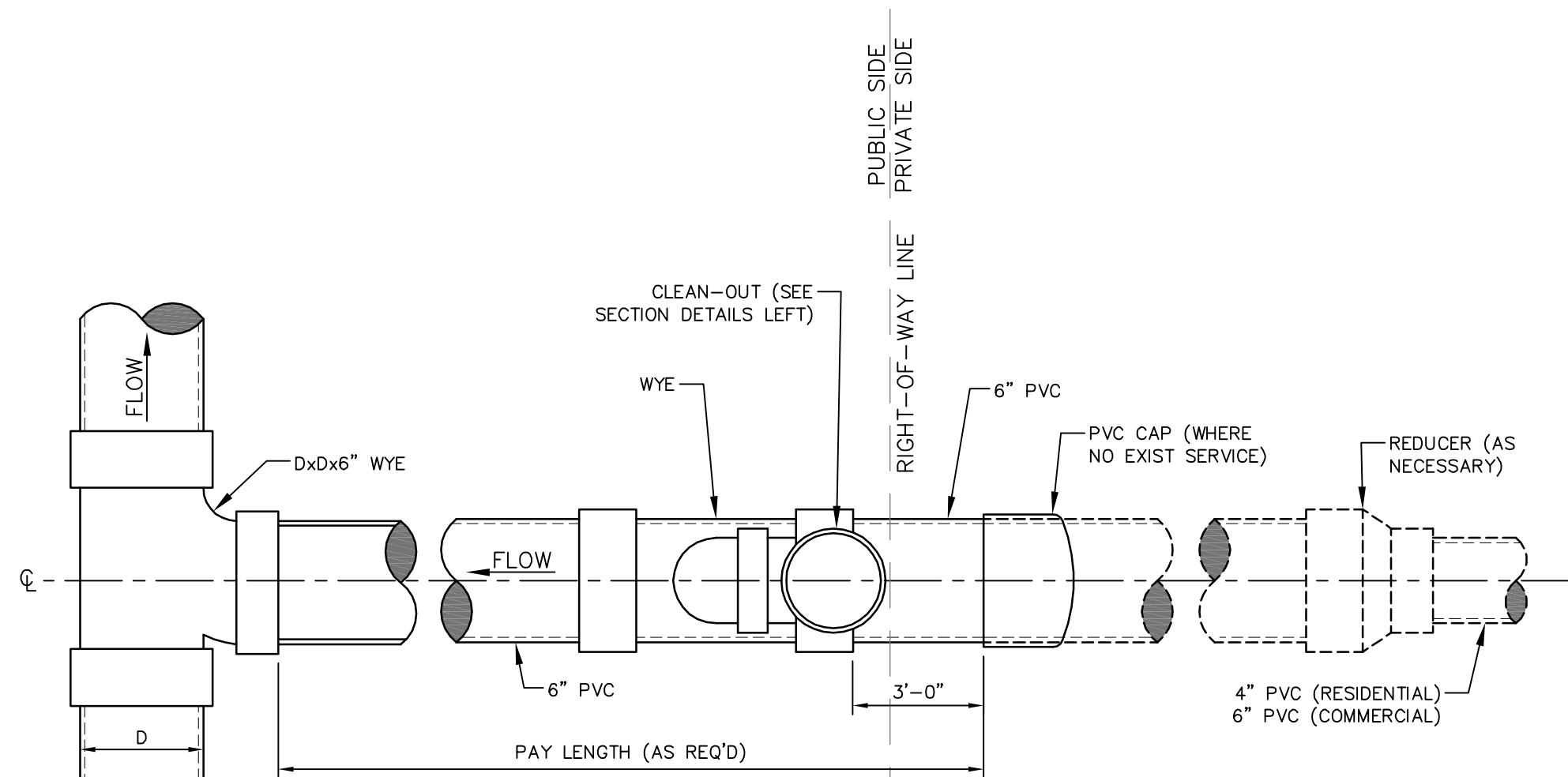
SANITARY SEWER CLEANOUT DETAIL - SECTION VIEW

FOR PAVED AREA



SANITARY SEWER CLEANOUT DETAIL - SECTION VIEW

FOR NON-PAVED AREA



SERVICE CONNECTION - PLAN VIEW

CLEANOUT NOTE:

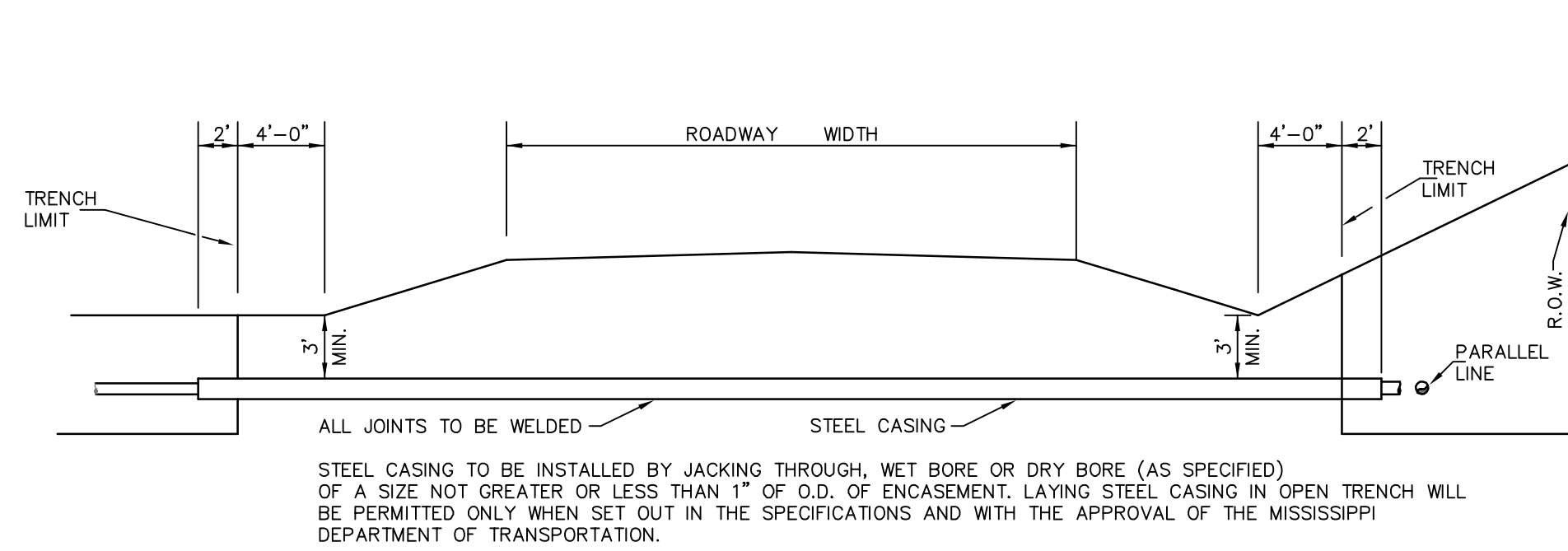
CLEANOUTS SHALL BE PLACED AT ALL BENDS IN SERVICE LINES OVER 22.5' AND ALL CHANGES IN GRADE. CLEANOUTS SHALL BE PLACED AT ROW LINES AS DETAILED.

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FORREST COUNTY, MISSISSIPPI			
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Date: 12-11-2017		Working No. SSD2	
Drawing No.: 1273-S010		Sheet No. 64	

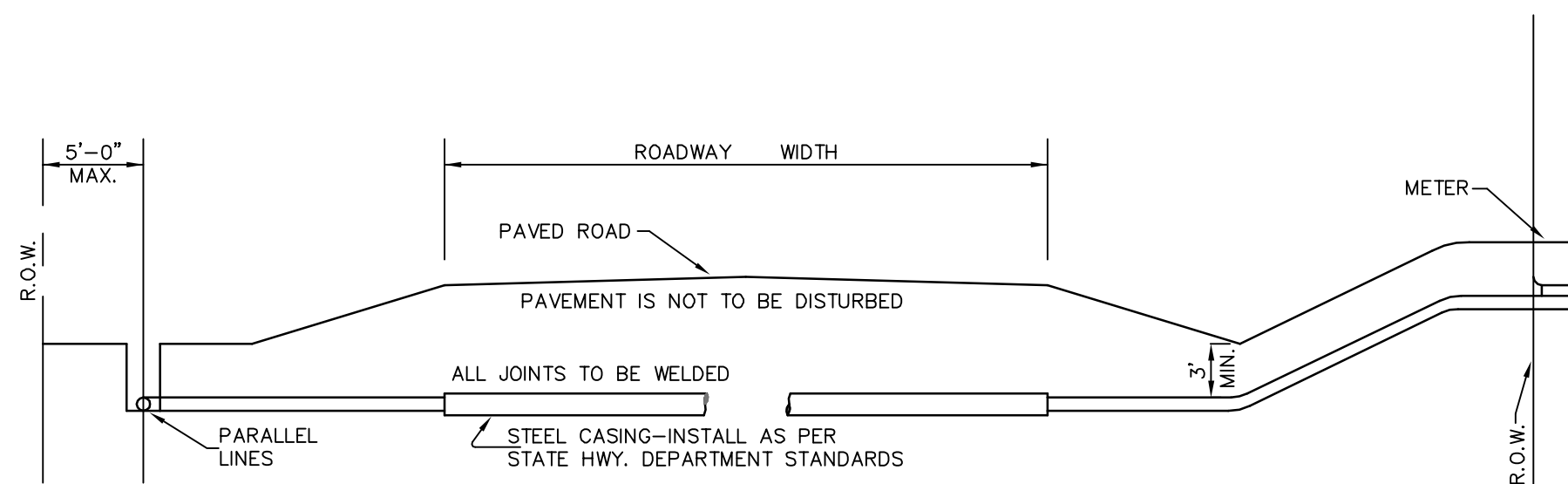


1. POST INDICATOR VALVES SHALL BE REQUIRED AT ALL EXISTING STRUCTURES WHICH ARE BEING CONNECTED TO THE PROPOSED SYSTEM UNDER THIS PROJECT, IF THE EXISTING PIV IS DAMAGED AND/OR INOPERABLE OR IF NO PIV IS IN PLACE AT THE TIME OF CONNECTION.
2. LOCATIONS FOR PROPOSED PIV'S SHALL BE AS DIRECTED BY THE ENGINEER BUT SHALL BE AT LEAST 40 FEET FROM THE EXISTING STRUCTURE AND CLEARLY VISIBLE.
3. POST INDICATOR VALVES SHALL BE INSTALLED AS PER THE MANUFACTURER'S SPECIFICATIONS AND AS DETAILED HERE.
4. ALL ITEMS, INCLUDING POSSIBLE INSTALLATION ON EXISTING FIRE LINE SHALL BE PAID UNDER THE "POST INDICATOR VALVE" ITEM.

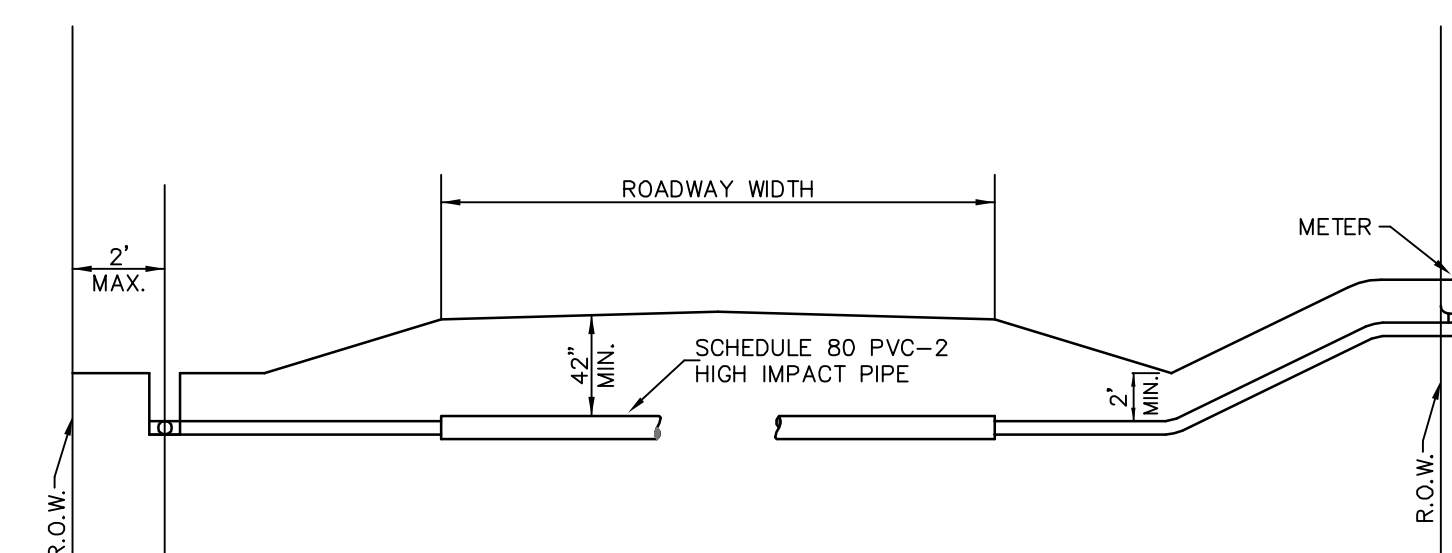
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PUMP STATION INSTALLATION DETAILS			
COMSWIP SEWER PROJECT PHASE VIII CITY OF HATTIESBURG FORREST COUNTY, MISSISSIPPI			
			
301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by: RES\BT		Checked by: JTW	Scale: NONE
Date: 12-11-2017		Working No. WTRD1	
Drawing No.: 1273-SO10		Sheet No. 65	



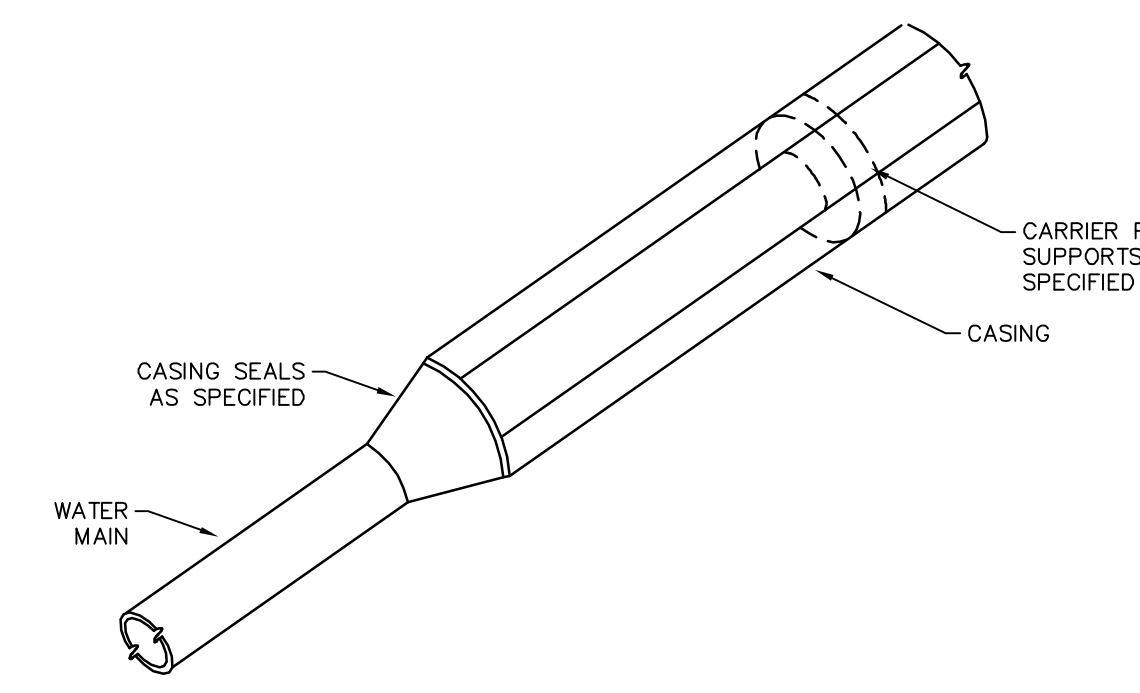
HIGHWAY CROSSING & WATER LINE PARALLELING HWY. IN R.O.W.



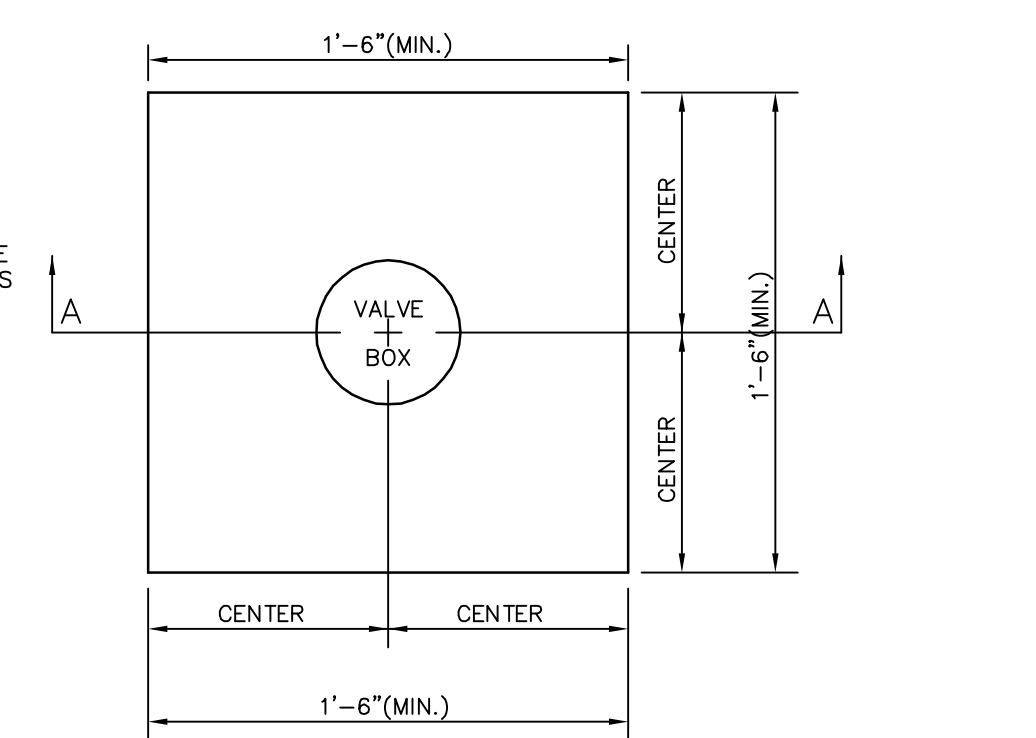
ROAD BORE & WATER LINE PARALLELING ROAD IN R.O.W.



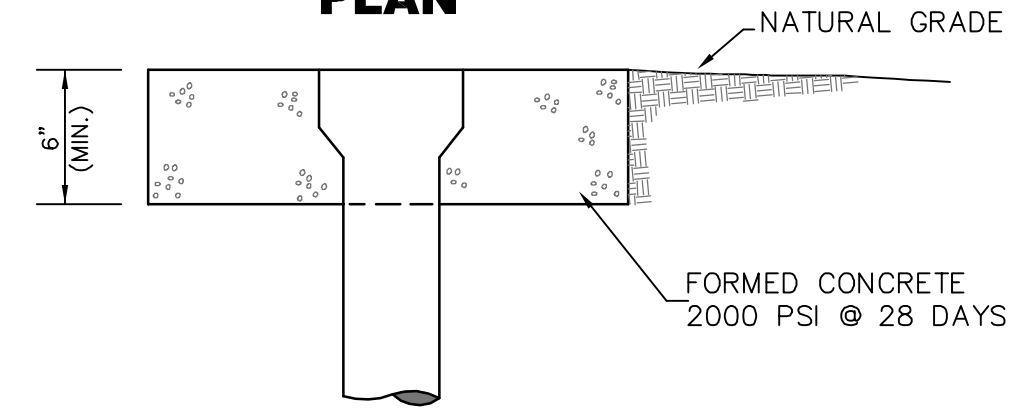
COUNTY GRAVEL ROAD & WATER LINE PARALLELING ROAD IN R.O.W.



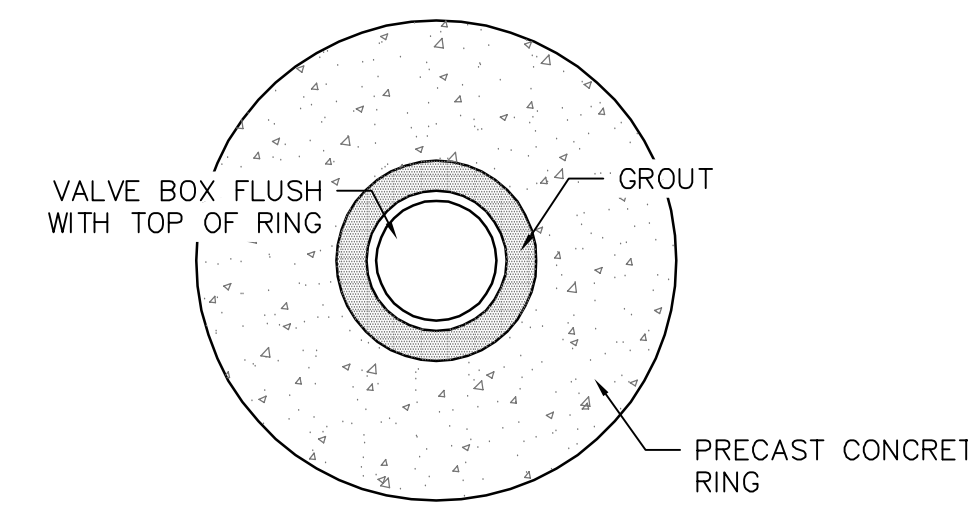
CASING END DETAIL



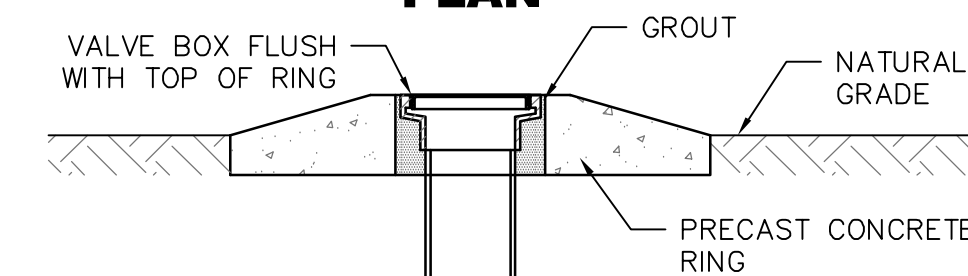
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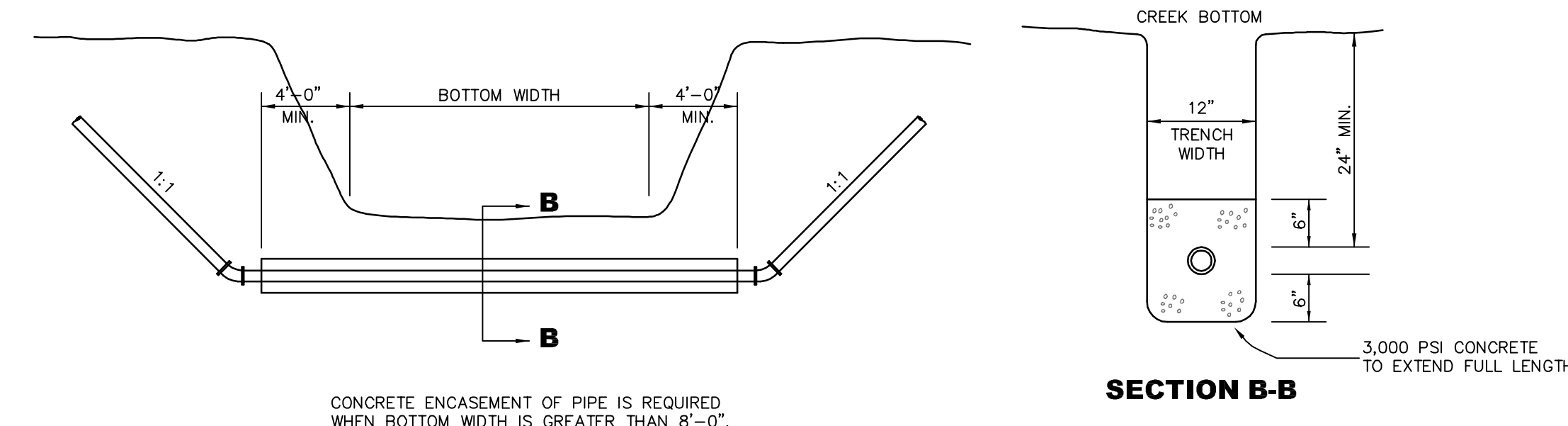
SECTION VALVE LOCATION (PAVED AREA)



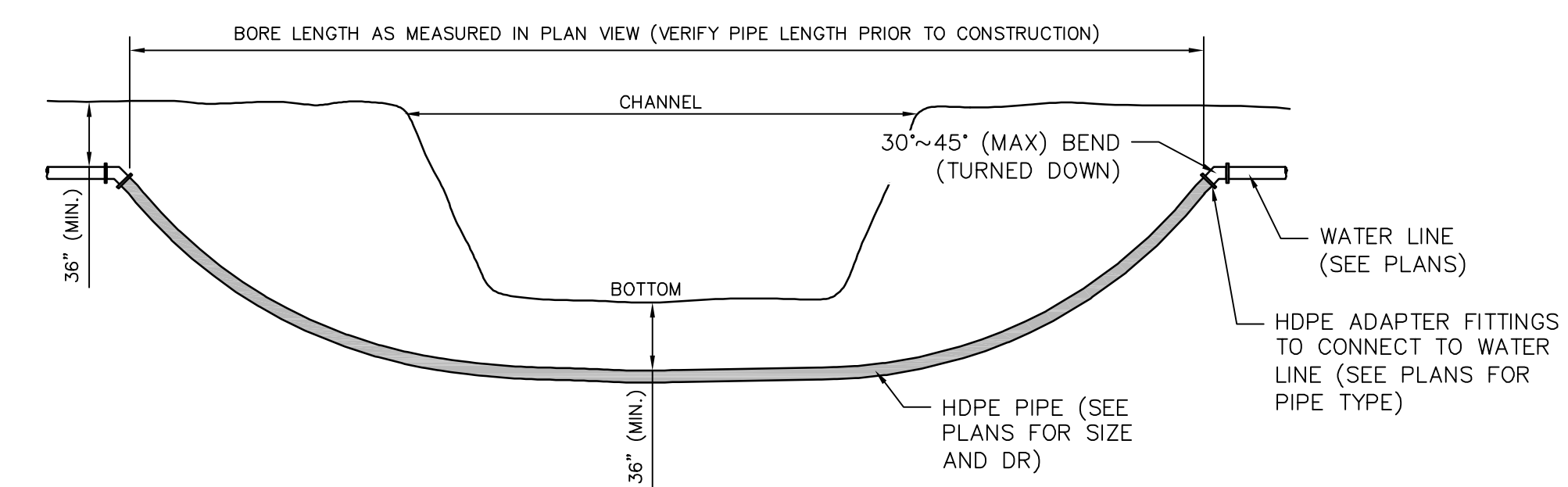
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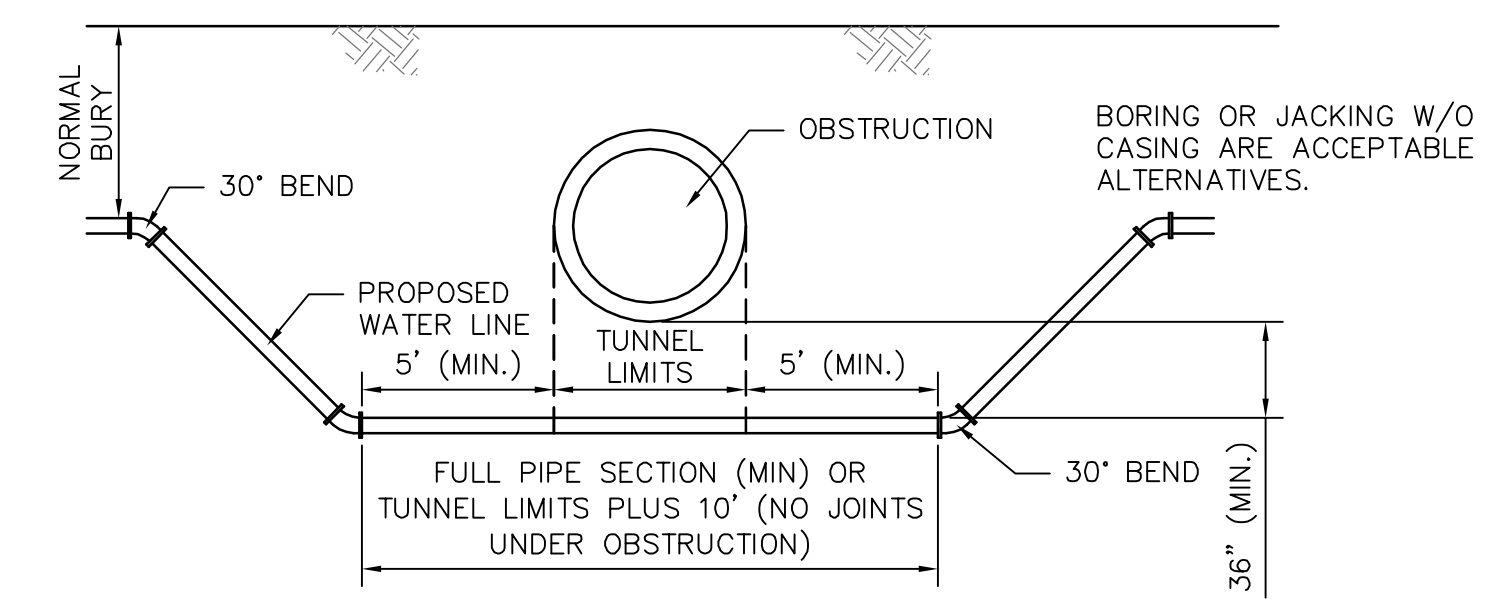
SECTION VALVE LOCATION (NON PAVED AREA)



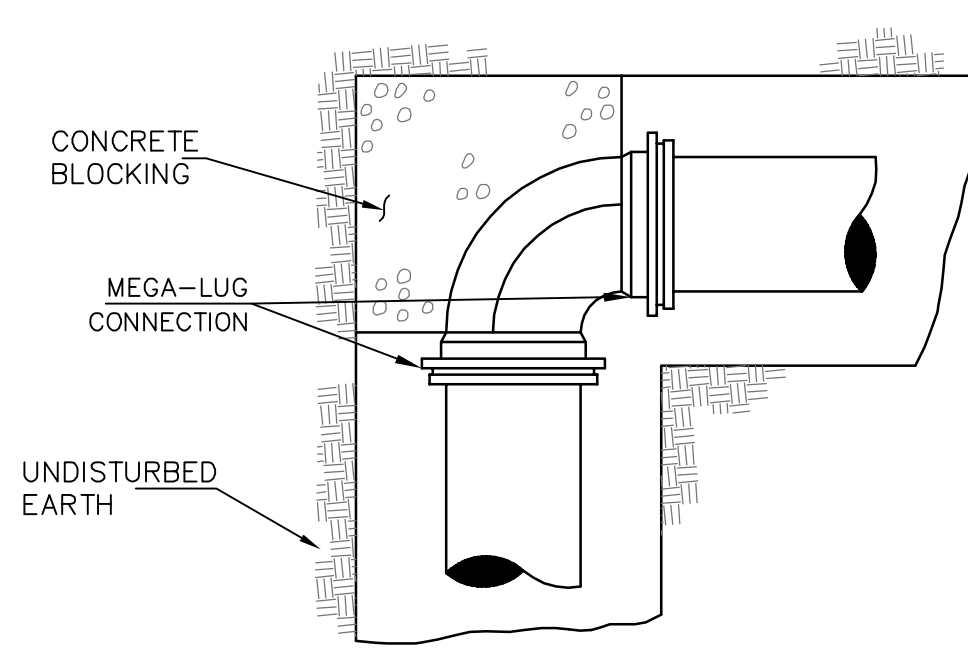
OPEN CUT CHANNEL CROSSING DETAIL



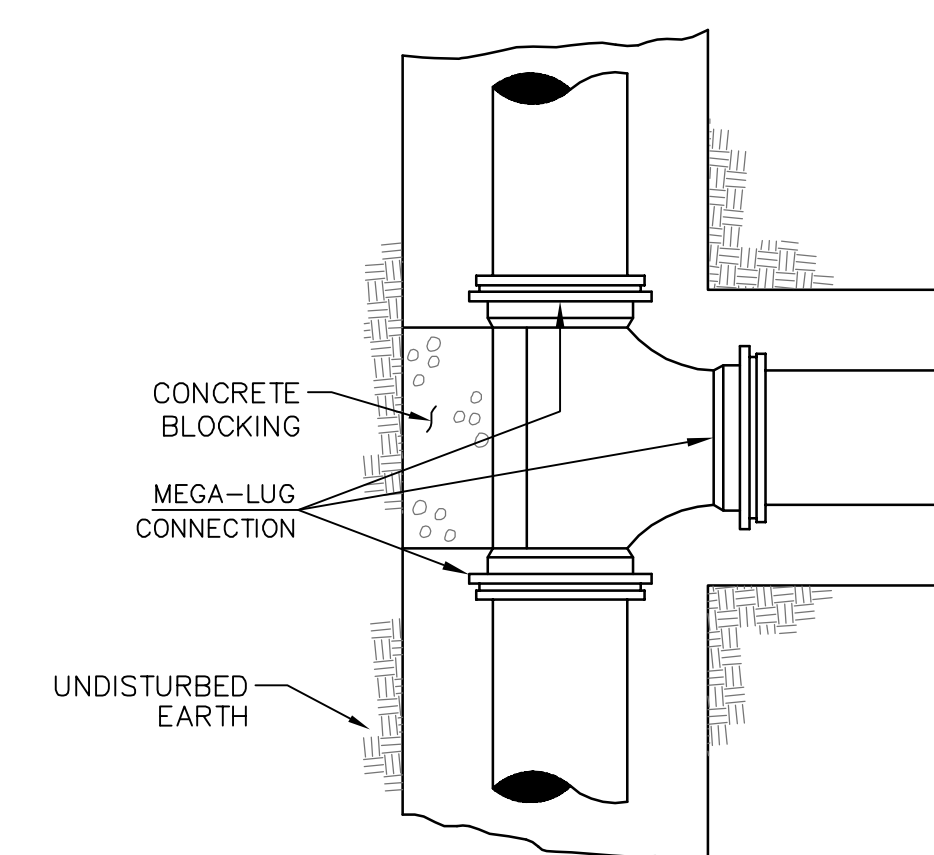
DIRECTIONAL BORED CHANNEL CROSSING DETAIL



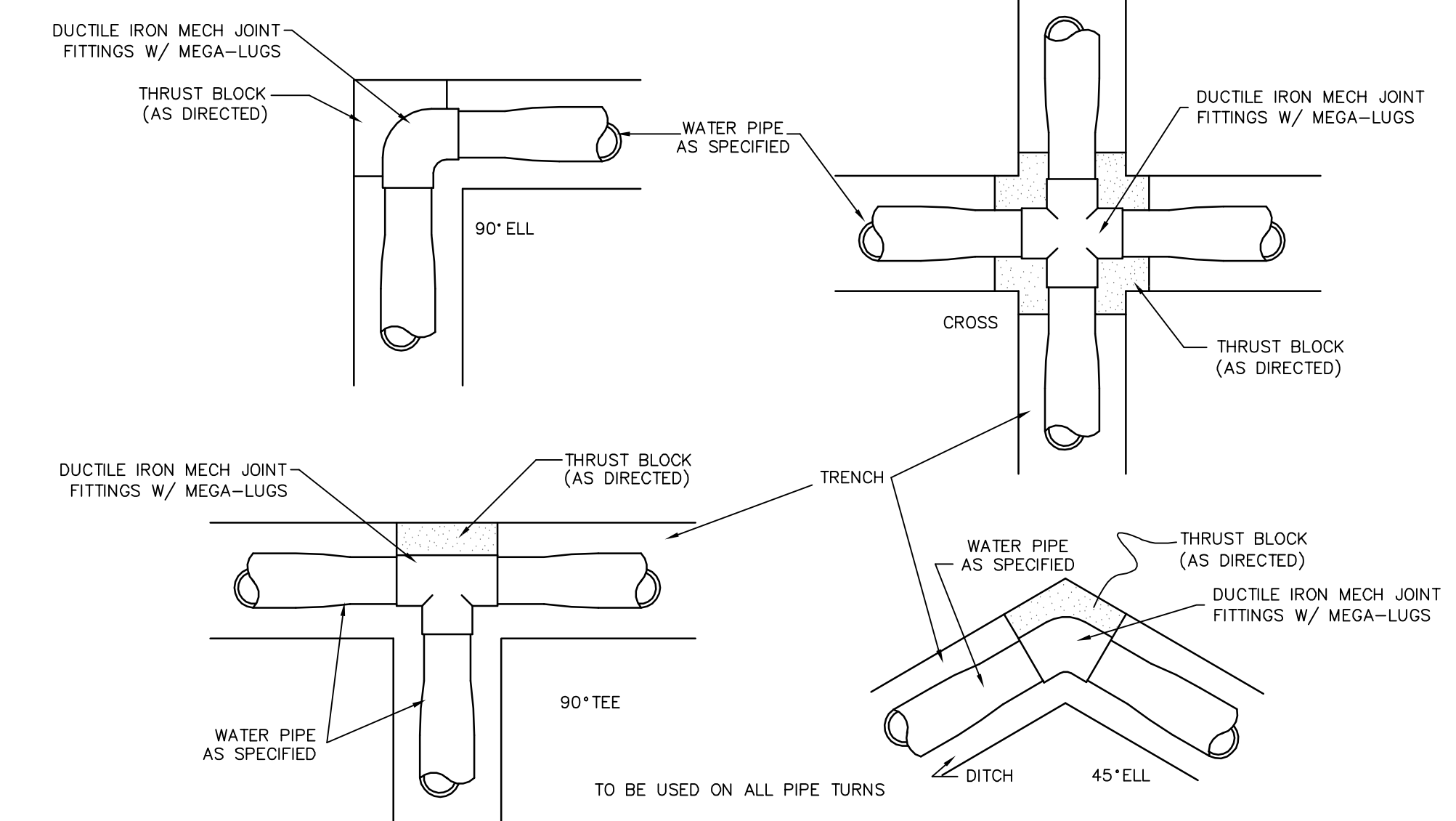
OBSTRUCTION CROSSING DETAIL



PLAN



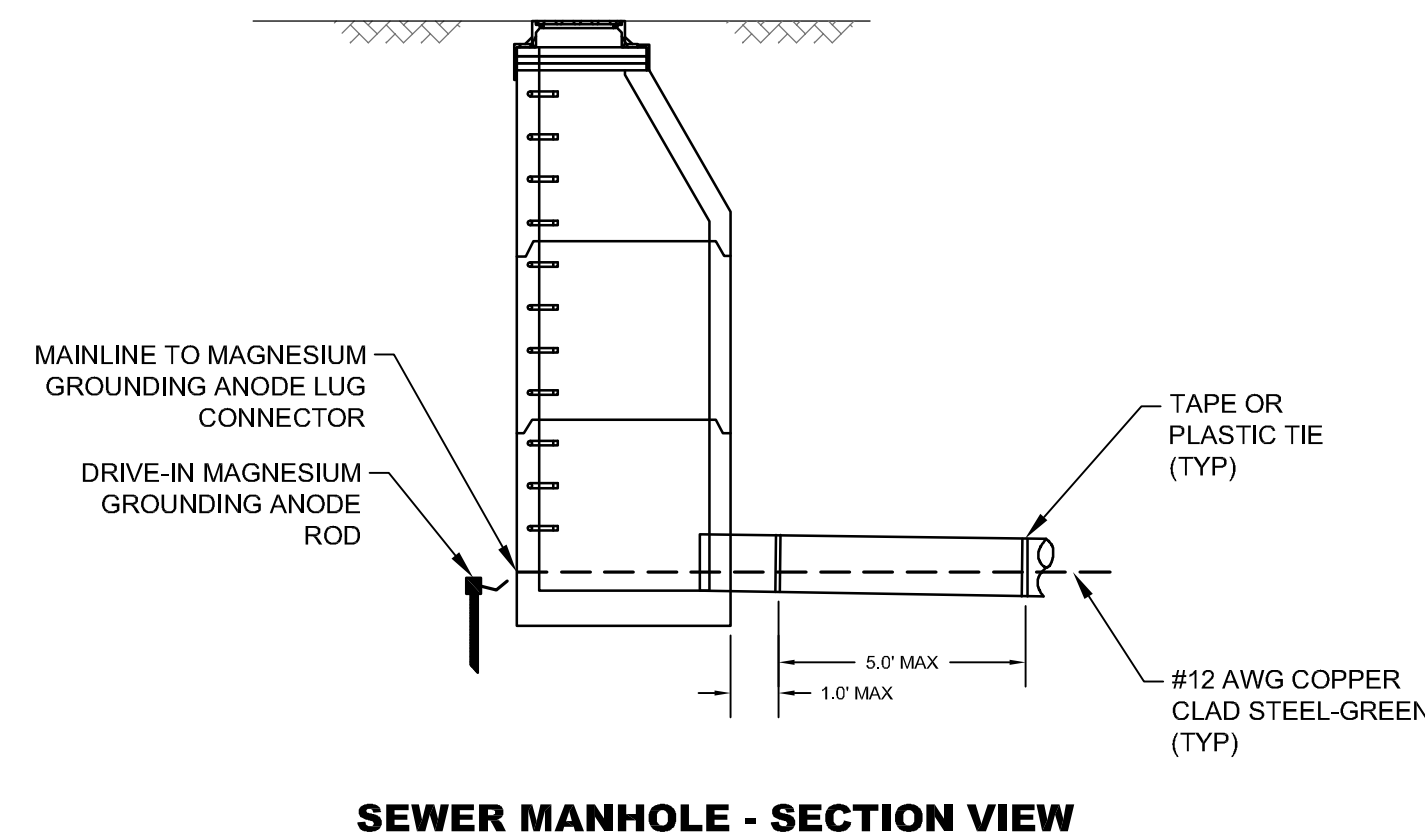
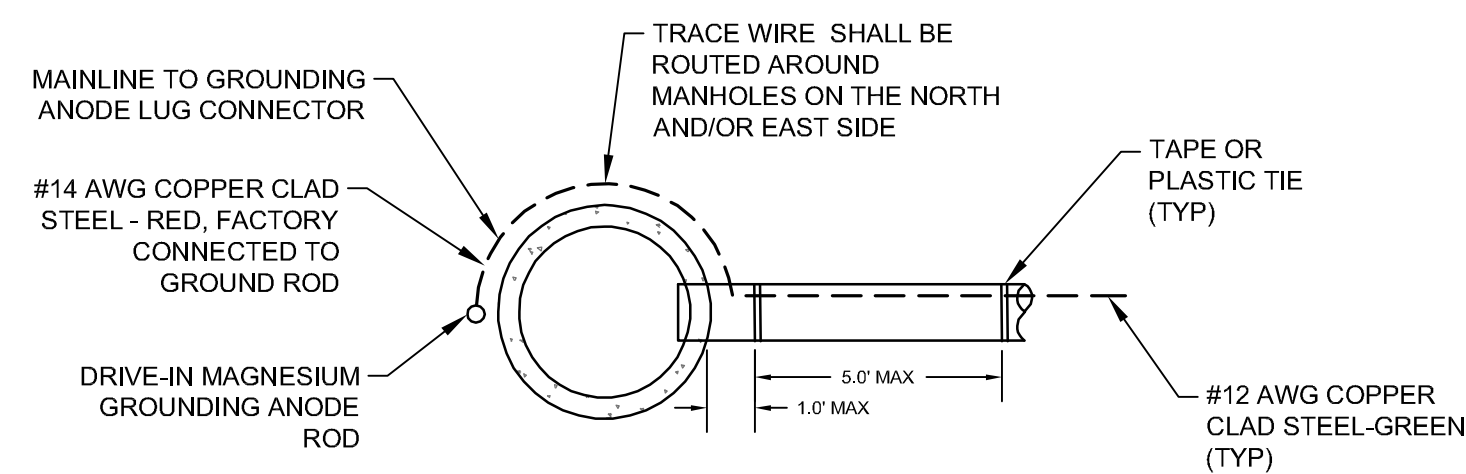
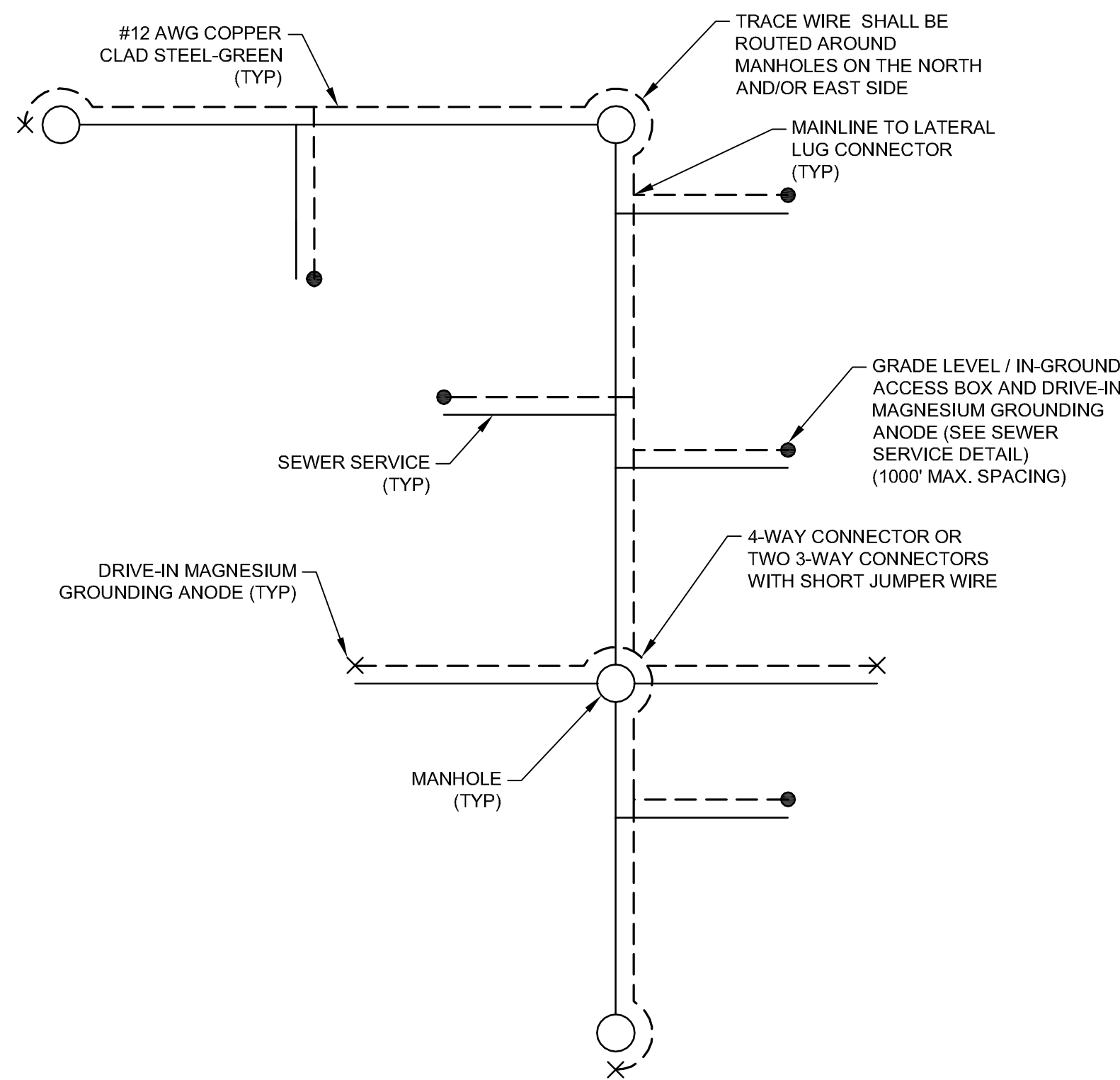
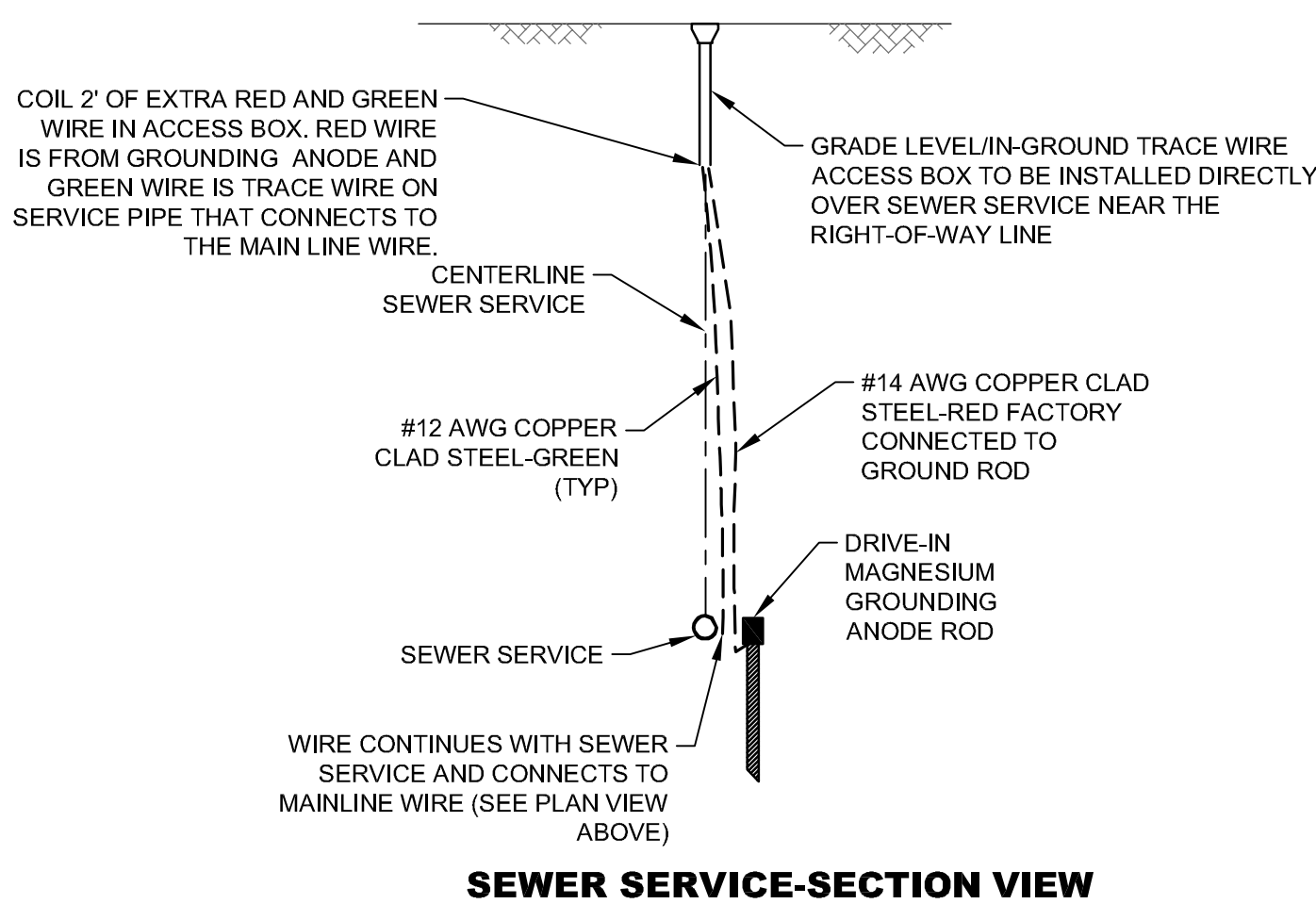
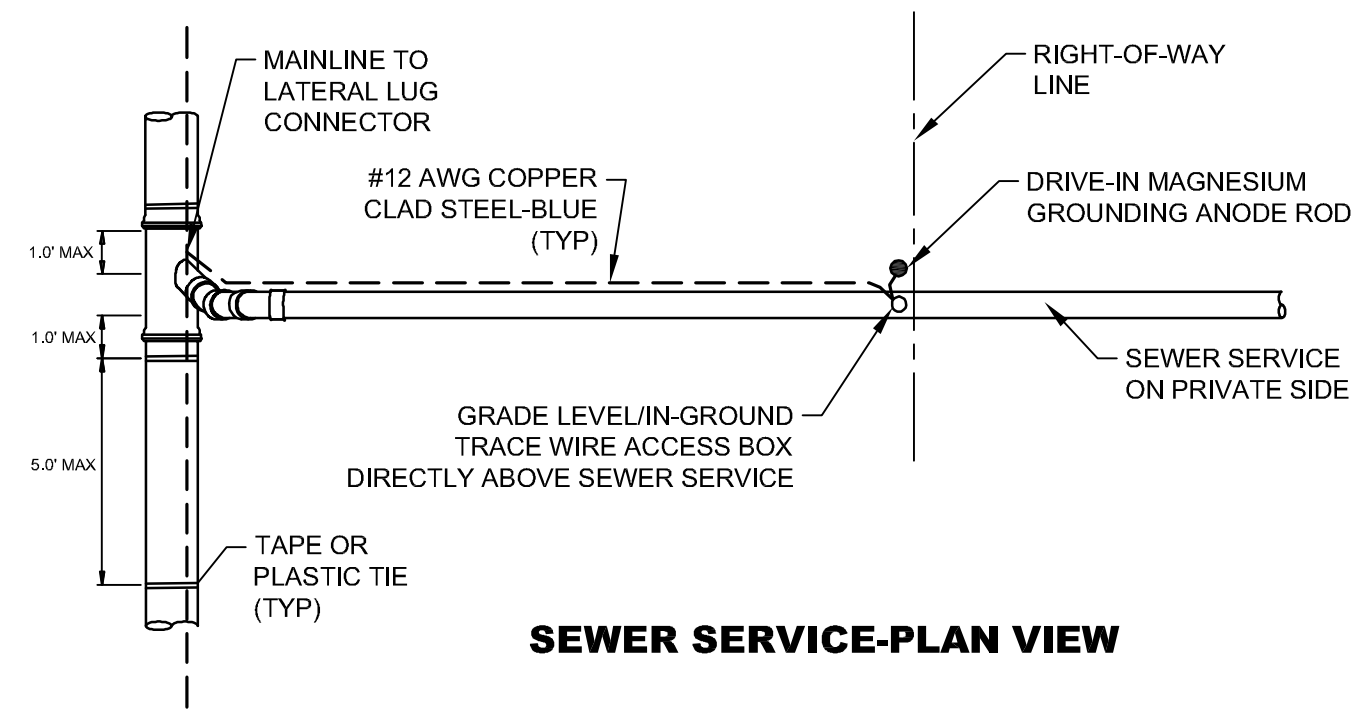
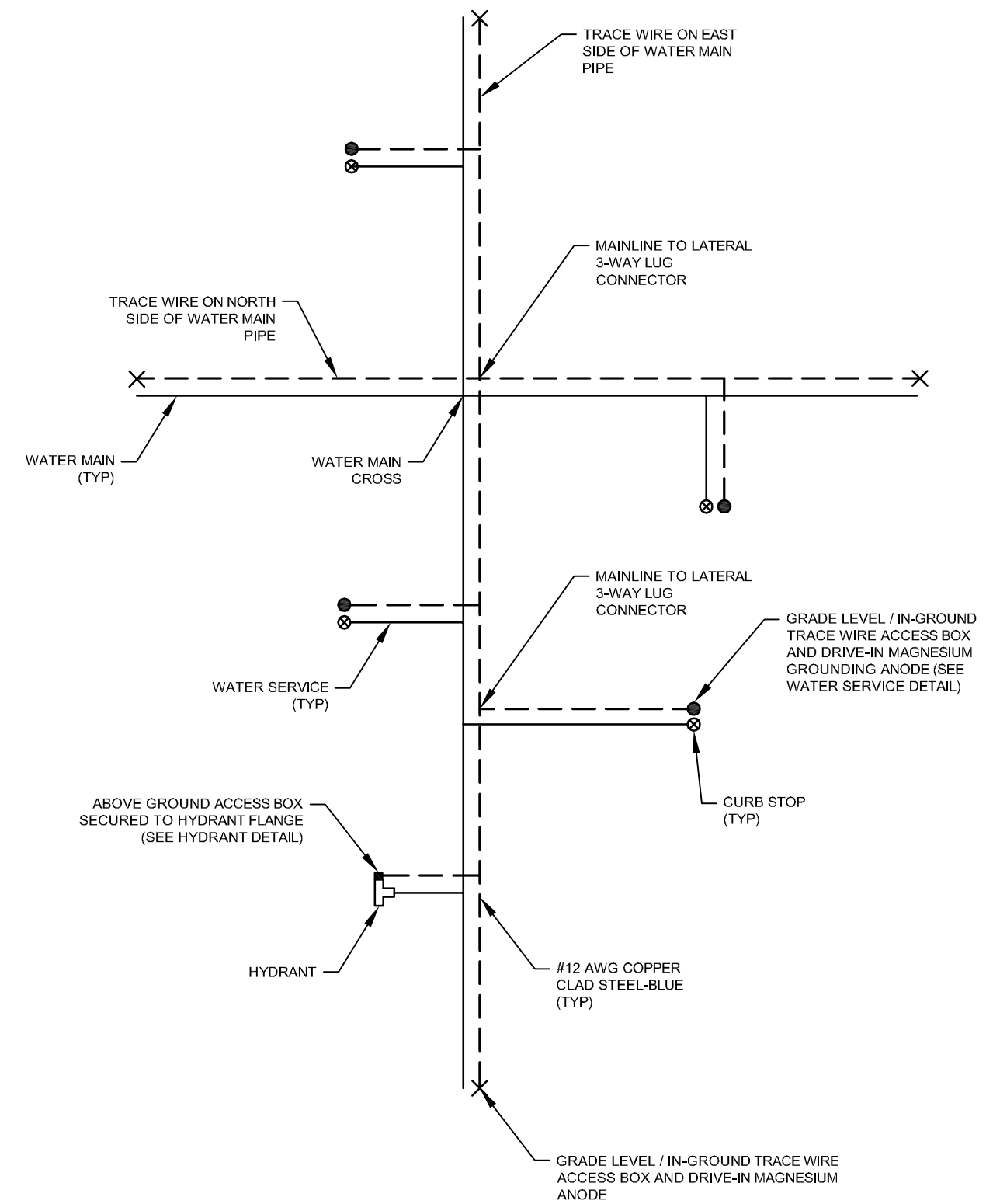
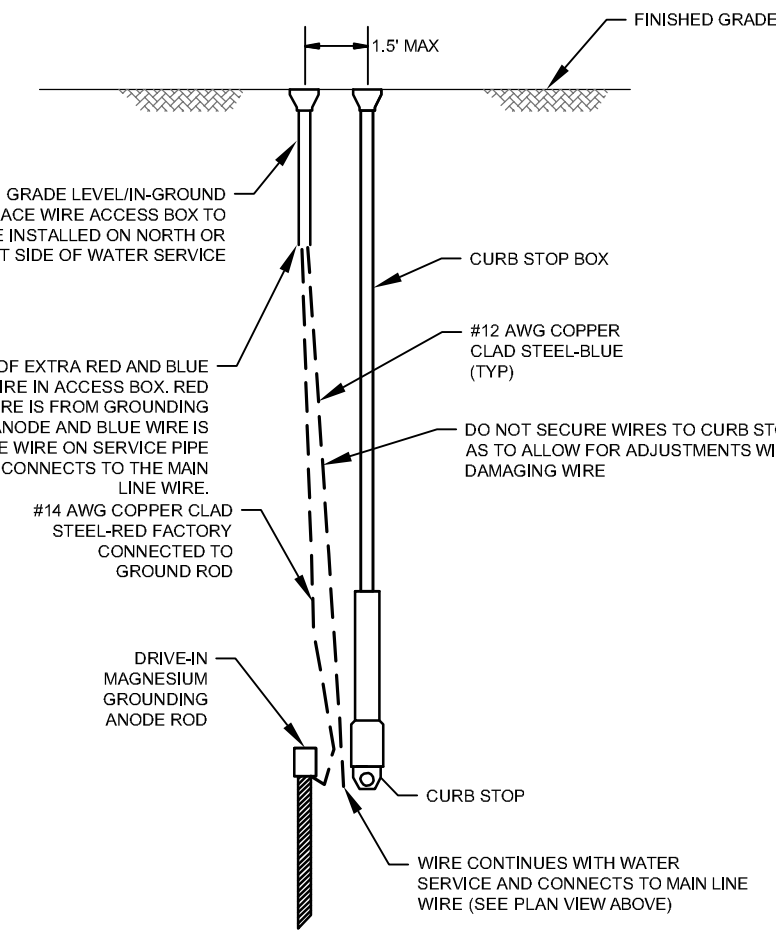
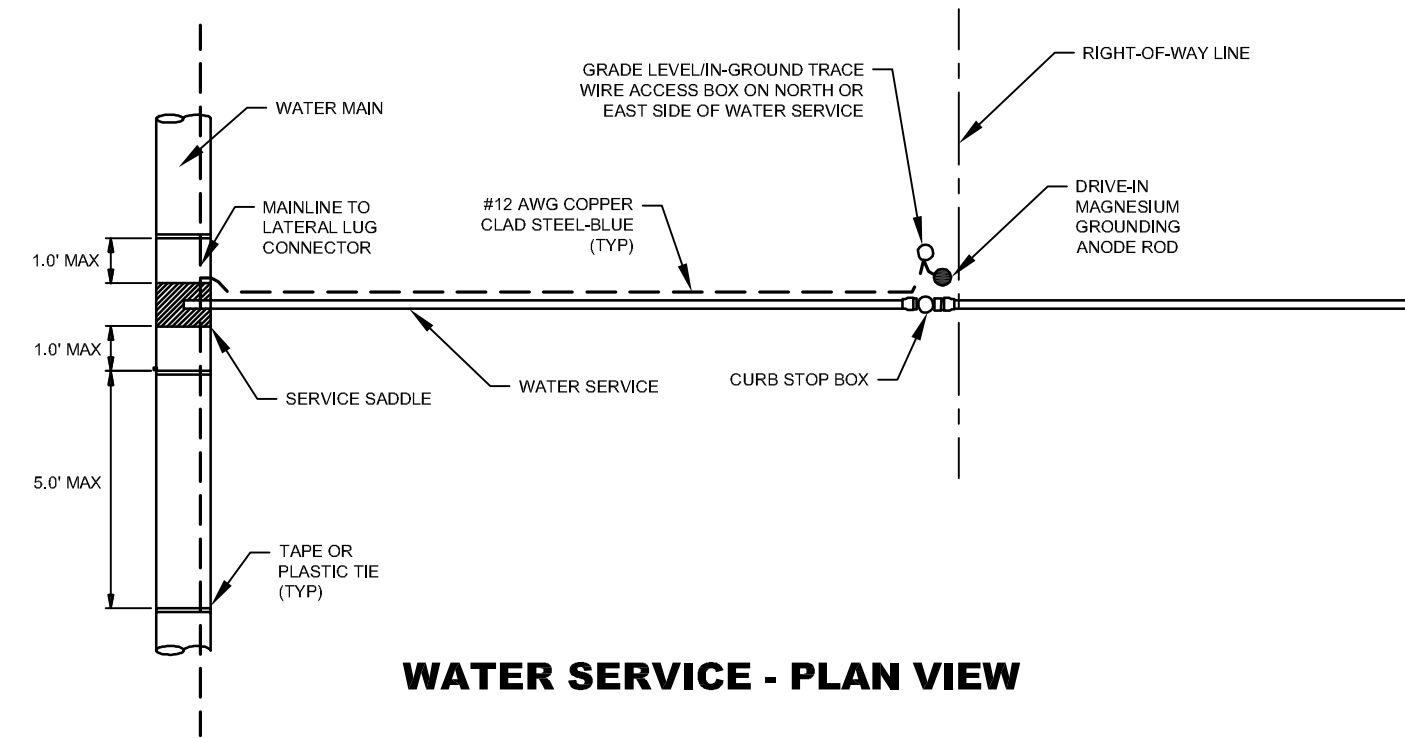
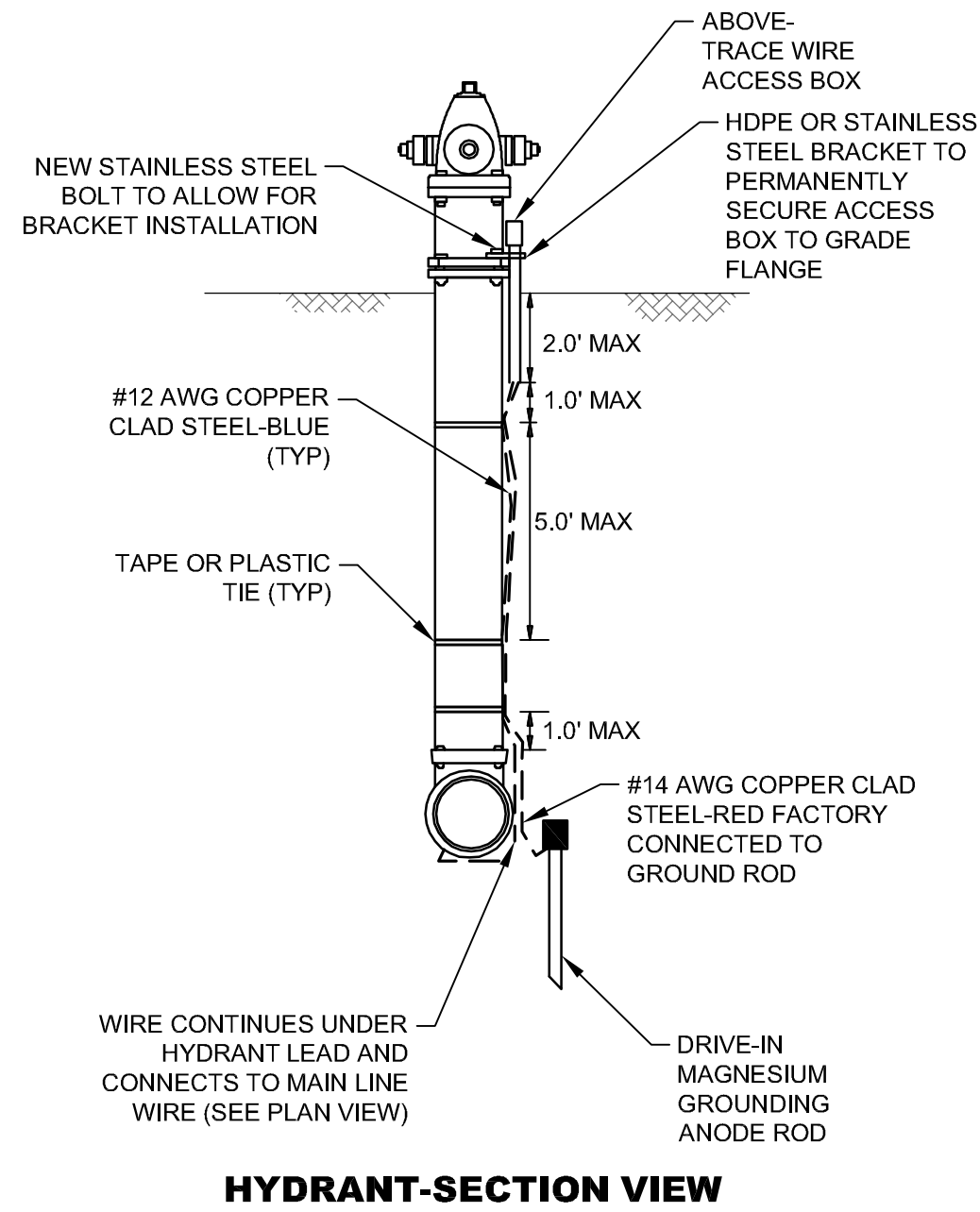
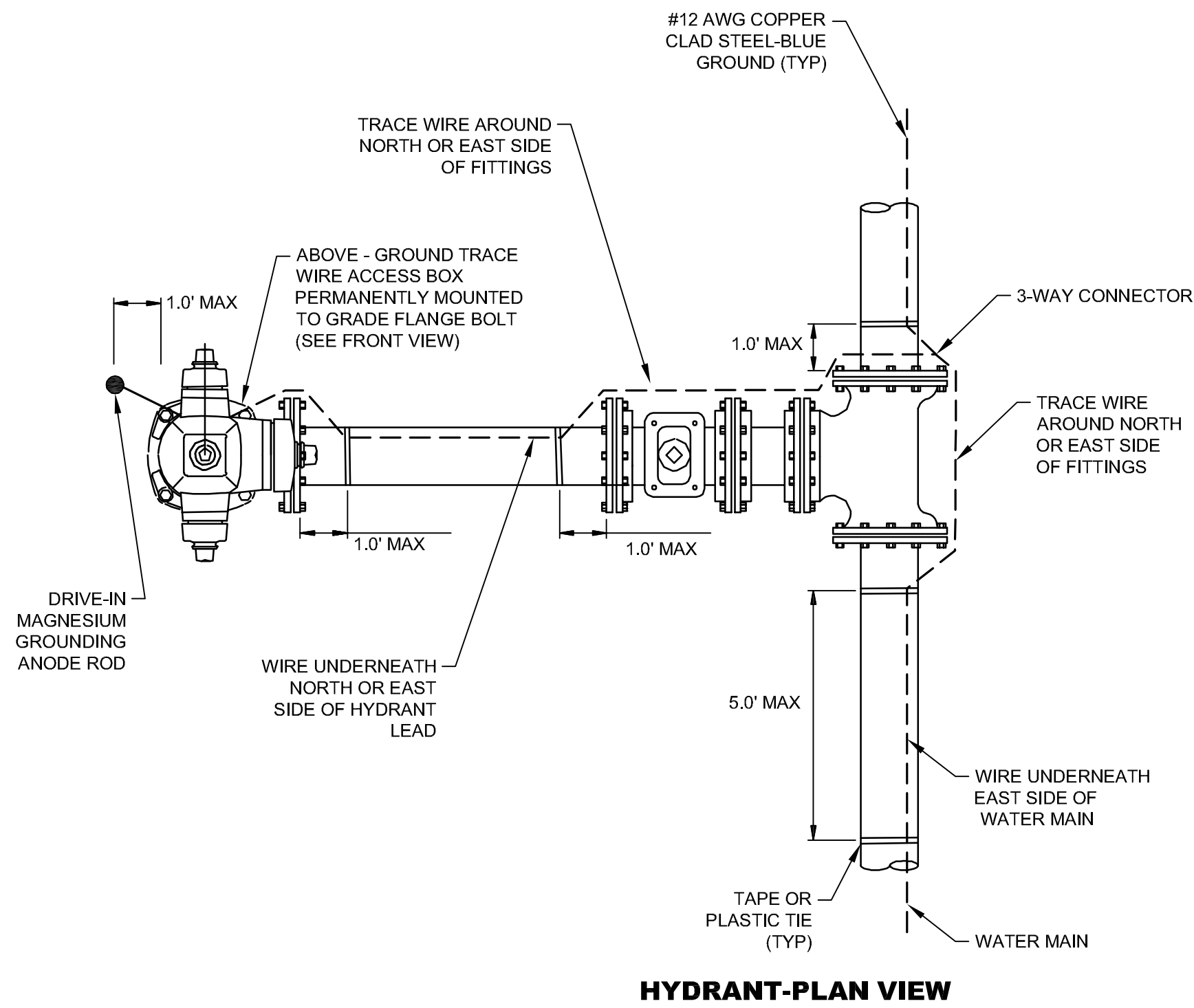
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THRUST BLOCK DETAILS

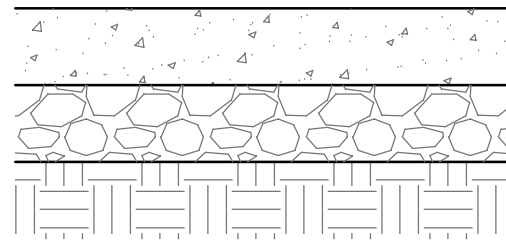
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NO.	DATE	DESCRIPTION	BY
WATER INSTALLATION DETAILS			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
sdw Engineering Progress			
301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by: RES\BT		Checked by: JTW	Scale: NONE
Date: 12-11-2017		Working No.: WTRD2	
Drawing No.: 1273-S010		Sheet No.: 66	

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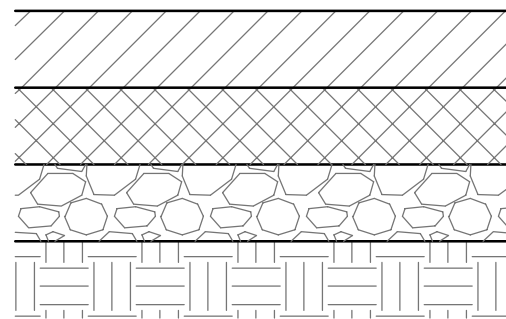
NOTE:
WIRE SHOWN AWAY FROM PIPE FOR CLARITY. WIRE SHALL BE INSTALLED ON THE BOTTOM SIDE OF THE PIPE BELOW THE SPRING LINE. THE WIRE SHALL BE FASTENED TO THE PIPE WITH TAPE OR PLASTIC TIES AT 5' INTERVALS.

NO.	DATE	DESCRIPTION	BY
TRACER WIRE DETAILS			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
 Engineering Progress			
301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by: SLS		Checked by: JTW	Scale: NONE
Date: 12-11-2017		Working No. <u>TWD1</u>	
Drawing No.: 1273-S010		Sheet No. <u>67</u>	



- TEMPORARY: 6" CRUSHED AGGREGATE (SIZE 610) (REMOVE PRIOR TO PAVING)
- PERMANENT: 6" 3000 PSI CONCRETE W/ FIBER GLASS REINFORCEMENT
- 6" CRUSHED AGGREGATE (SIZE 610) COMPACTED TO 95%
- EXISTING SUBGRADE AND/OR FILL MATERIAL COMPACTED TO 95%

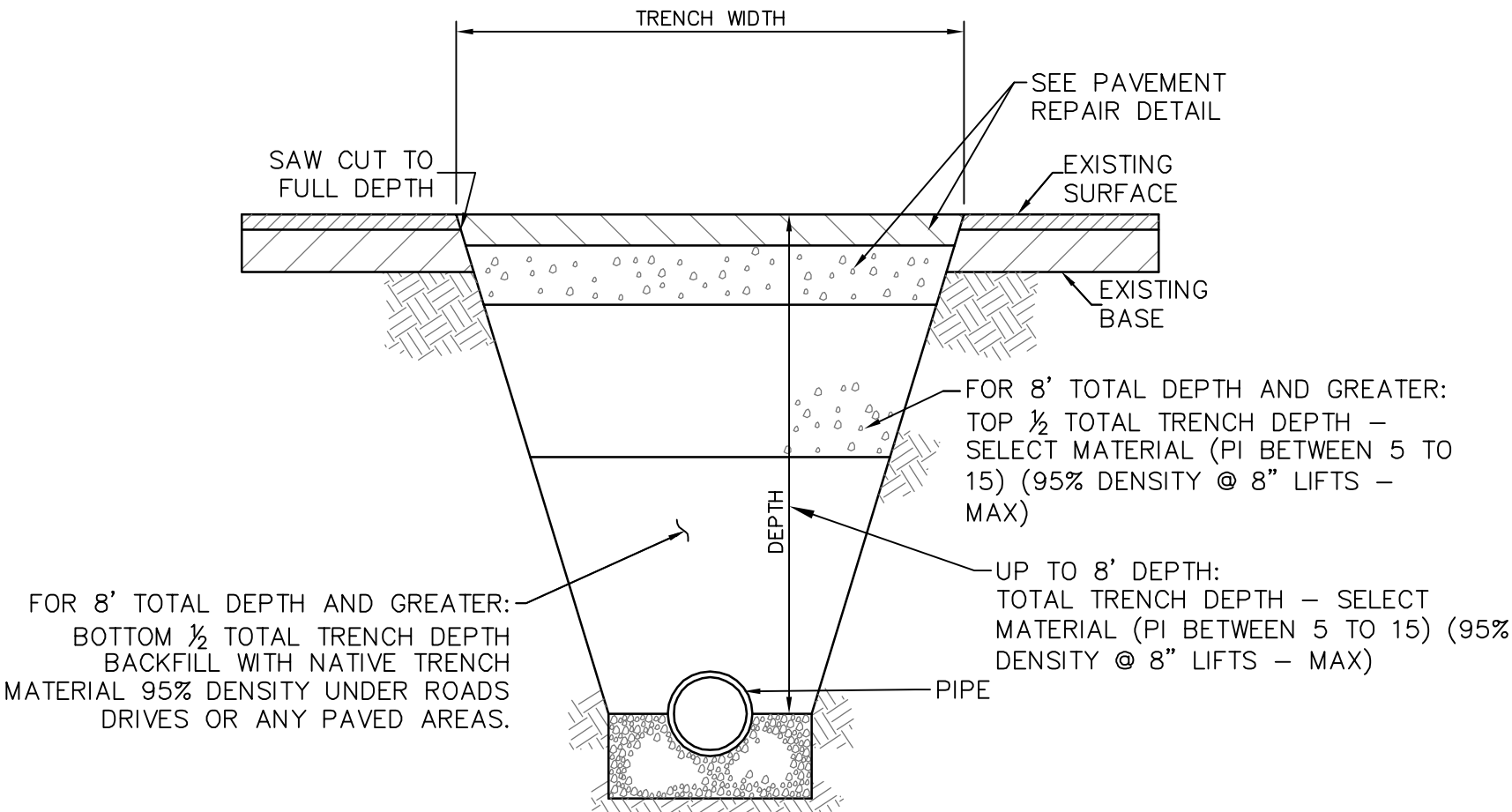
TYPICAL CONCRETE PAVEMENT REPAIR



- PERMANENT: 1 1/2" HOT MIX ASPHALT, 9.5 mm, ST OVERLAY
- TEMPORARY: 2" CRUSHED AGGREGATE (SIZE 610) (REMOVED PRIOR TO PAVING)
- PERMANENT: 2" HOT MIX ASPHALT, 19 mm, ST
- 6" CRUSHED AGGREGATE (SIZE 610) COMPACTED TO 95%
- EXISTING SUBGRADE AND/OR FILL MATERIAL COMPACTED TO 95%

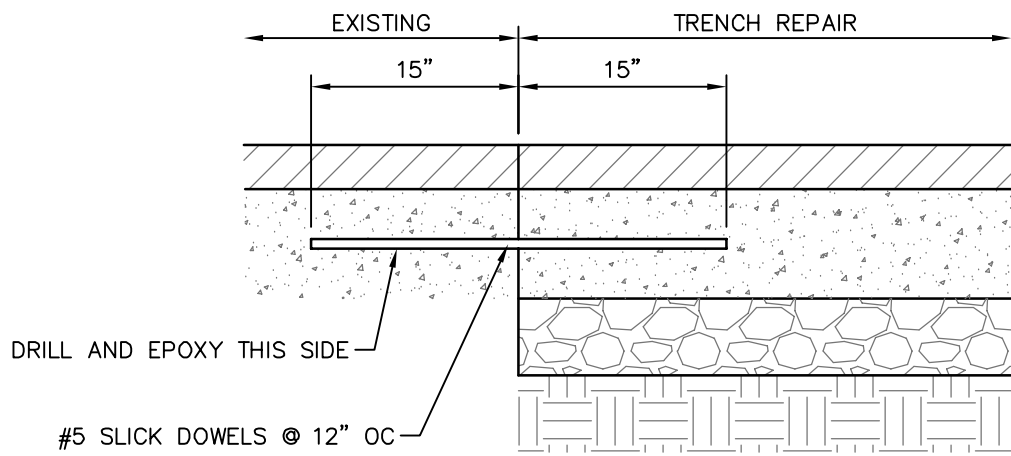
TYPICAL ASPHALT PAVEMENT REPAIR

SPECIAL PAVEMENT REPAIR NOTE:
NO PAVEMENT SHALL BE INSTALLED ON CAMP STREET. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A TEMPORARY AGGREGATE SURFACE FOR THE DURATION OF THE PROJECT.



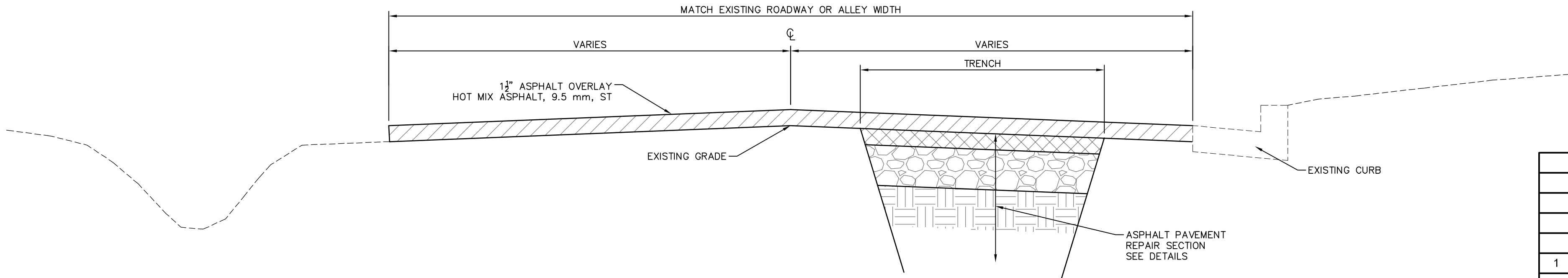
TYPICAL TRENCH IN ROADWAY DETAIL

NOTE: TRENCH WIDTHS SHALL BE MINIMIZED BY THE CONTRACTOR TO ONLY THE WIDTH NECESSARY FOR CONSTRUCTION AS DETERMINED BY THE ENGINEER.



- 1 1/2" HOT MIX ASPHALT, 9.5 mm, ST
- 8" 3000 PSI CONCRETE W/ FIBER GLASS REINFORCEMENT
- 6" CRUSHED AGGREGATE (SIZE 610) COMPACTED TO 95%
- EXISTING SUBGRADE AND/OR FILL MATERIAL COMPACTED TO 95%

TYPICAL HARDY STREET PAVEMENT REPAIR



TYPICAL ROADWAY REPAIR SECTION

1	02/08/2018	REVISED PER COMMENTS	SLS
NO.	DATE	DESCRIPTION	BY
PAVEMENT REPAIR DETAILS			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
sdw Engineering Progress			
301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by: SLS		Checked by: JTW	Scale: NONE
Date: 12-11-2017		Working No. PRD1	
Drawing No.: 1273-S010		Sheet No. 68	

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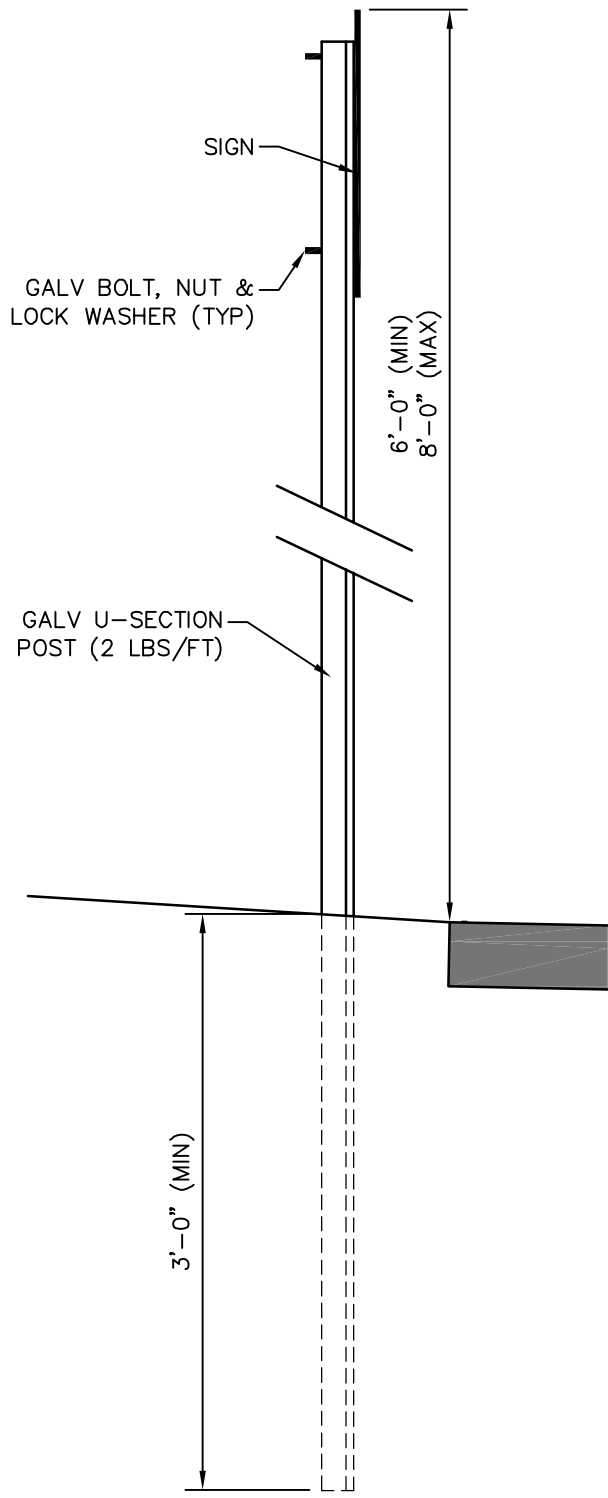
VEGETATION SCHEDULE						
EROSION CONTROL ITEMS		SEASONAL APPLICATIONS - DATES & RATES				REQUIREMENTS
		SPRING & SUMMER		FALL & WINTER		
	ITEMS	RATES	DATES	RATES	DATES	
	TOPSOIL FOR SLOPE TREATMENT (LVM)	4" THICK	MARCH 1 TO SEPTEMBER 1	4" THICK	SEPTEMBER 1 TO MARCH 1	TOPSOIL REQUIRED ON SLOPES DETERMINED BY THE ENGINEER DURING CONSTRUCTION
	STANDARD GROUND PREPARATION	PER SQ. FT.	MARCH 1 TO SEPTEMBER 1	PER SQ. FT.	SEPTEMBER 1 TO MARCH 1	GROUND PREPARATION REQUIRED ON AREAS TO RECEIVE SOLID SODDING OR SEEDING, AS APPLICABLE
	AGRICULTURAL LIMESTONE	3 TONS / ACRE	MARCH 1 TO SEPTEMBER 1	3 TONS / ACRE	SEPTEMBER 1 TO MARCH 1	LIMESTONE SHALL BE MECHANICALLY SPREAD UNIFORMLY AND INCORPORATED INTO THE SOIL PRIOR TO PLANTING
	COMBINATION FERTILIZER (13–13–13)	1000 LBS / ACRE	MARCH 1 TO SEPTEMBER 1	1000 LBS / ACRE	SEPTEMBER 1 TO MARCH 1	FERTILIZER SHALL BE MECHANICALLY SPREAD UNIFORMLY AND INCORPORATED INTO THE SOIL PRIOR TO PLANTING
	SUPER PHOSPHATE	0.5 TON / ACRE (EST)	MARCH 1 TO SEPTEMBER 1			SUPER PHOSPHATE (FOR BID ITEM PURPOSES)
	SEEDING (BERMUDA GRASS)	20 LBS / ACRE	MARCH 1 TO SEPTEMBER 1	20 LBS / ACRE	SEPTEMBER 1 TO MARCH 1	SEED REQUIRED ON DISTURBED AREAS. UNHULLED SEED MAY BE REQUIRED DURING THE DORMANT SEASON AS DIRECTED
	SEEDING (TALL FESCUE)			15 LBS / ACRE	AUGUST 15 TO MARCH 15	SEED REQUIRED IN DISTURBED AREAS
	SEEDING (CRIMSON CLOVER)			20 LBS / ACRE	AUGUST 15 TO MARCH 15	SEED REQUIRED ON DISTURBED AREA
	VEGETATIVE MATERIAL FOR MULCH	2 TONS / ACRE (EST)	MARCH 1 TO SEPTEMBER 1	2 TONS / ACRE (EST)	SEPTEMBER 1 TO MARCH 1	THE ENGINEER WILL DESIGNATE THE RATES OF APPLICABLE (SEE SUBSECTION 215–03.3)
	SOLID SODDING	PER SQ. YD.	MARCH 1 TO SEPTEMBER 1	PER SQ. YD.	SEPTEMBER 1 TO MARCH 1	SOLID SOD REQUIRED ON AREAS SPECIFIED IN THE CONTRACT OR BY THE ENGINEER
	WATERING	20 GAL / S.Y. (EST)	MARCH 1 TO SEPTEMBER 1	20 GAL. / S.Y. (EST)	SEPTEMBER 1 TO MARCH 1	TO BE USED AS DIRECTED IN THE PLANTING AND ESTABLISHING OF SOLID SOD
	INSECT PEST CONTROL	PER ACRE		PER ACRE		SEE SECTION 220
TEMPORARY EROSION CONTROL ITEMS						
	LIGHT GROUND PREPARATION	PER SQ. YD.		PER SQ. YD.		APPROXIMATELY HALF SQ.YD. STANDARD GROUND PREPARATION
	COMBINATION FERTILIZER (13–13–13)	0.25 TONS/ ACRE		0.25 TONS/ ACRE		QUANTITY BASED ON LIGHT GROUND PREPARATION
	SEEDING (BROWN TOP MILLET)	20 LBS / ACRE	APRIL 1 TO AUGUST 31			QUANTITY BASED ON LIGHT GROUND PREPARATION
	SEEDING (RYE GRASS)			25 LBS / ACRE	SEPTEMBER 1 TO MARCH 31	QUANTITY BASED ON LIGHT GROUND PREPARATION
	SEEDING (OATS)			90 LBS / ACRE	SEPTEMBER 1 TO DECEMBER 15	QUANTITY BASED ON LIGHT GROUND PREPARATION
	VEGETATIVE MATERIAL FOR MULCH	1 TON / ACRE (EST)		1 TON / ACRE (EST)		QUANTITY BASED ON LIGHT GROUND PREPARATION

- ① ALL AREAS THAT HAVE BEEN VEGETATED, UNDER THIS CONTRACT, FOR AT LEAST (60) SIXTY DAYS, SHALL RECEIVE ADDITIONAL APPLICATION(S) OF FERTILIZER(S) OF THE TYPE(S) AND RATE(S) OF APPLICATIONS AS DETERMINED BY SOIL TEST OR AS DIRECTED DURING THE GROWING SEASONS THE CONTRACT IS IN FORCE. GROUND PREPARATION WILL NOT BE REQUIRED FOR THE ADDITIONAL APPLICATIONS.
- ② PROPOSAL QUANTITIES ESTIMATED ON THE BASIS THAT 100% OF THE ACREAGE WILL BE SEEDDED.
- ③ PROPOSAL QUANTITIES ESTIMATED ON THE BASIS THAT 50% OF THE ACREAGE WILL BE SEEDDED.
- ④ QUANTITY ESTIMATED ON THE BASIS THAT 50% OF THE ACREAGE VEGETATED MAY REQUIRED TREATMENT.
- ⑤ THIS ITEM MAY BE OMITTED ON AREAS SELECTED BY THE ENGINEER.
- ⑥ BAHIAGRASS WILL NOT BE PERMITTED AS A MULCH MATERIAL.
- ⑦ PROPOSAL QUANTITIES ESTIMATED ON THE BASIS THAT 75% OF THE ACREAGE SEEDDED MAY REQUIRE TOPSOIL

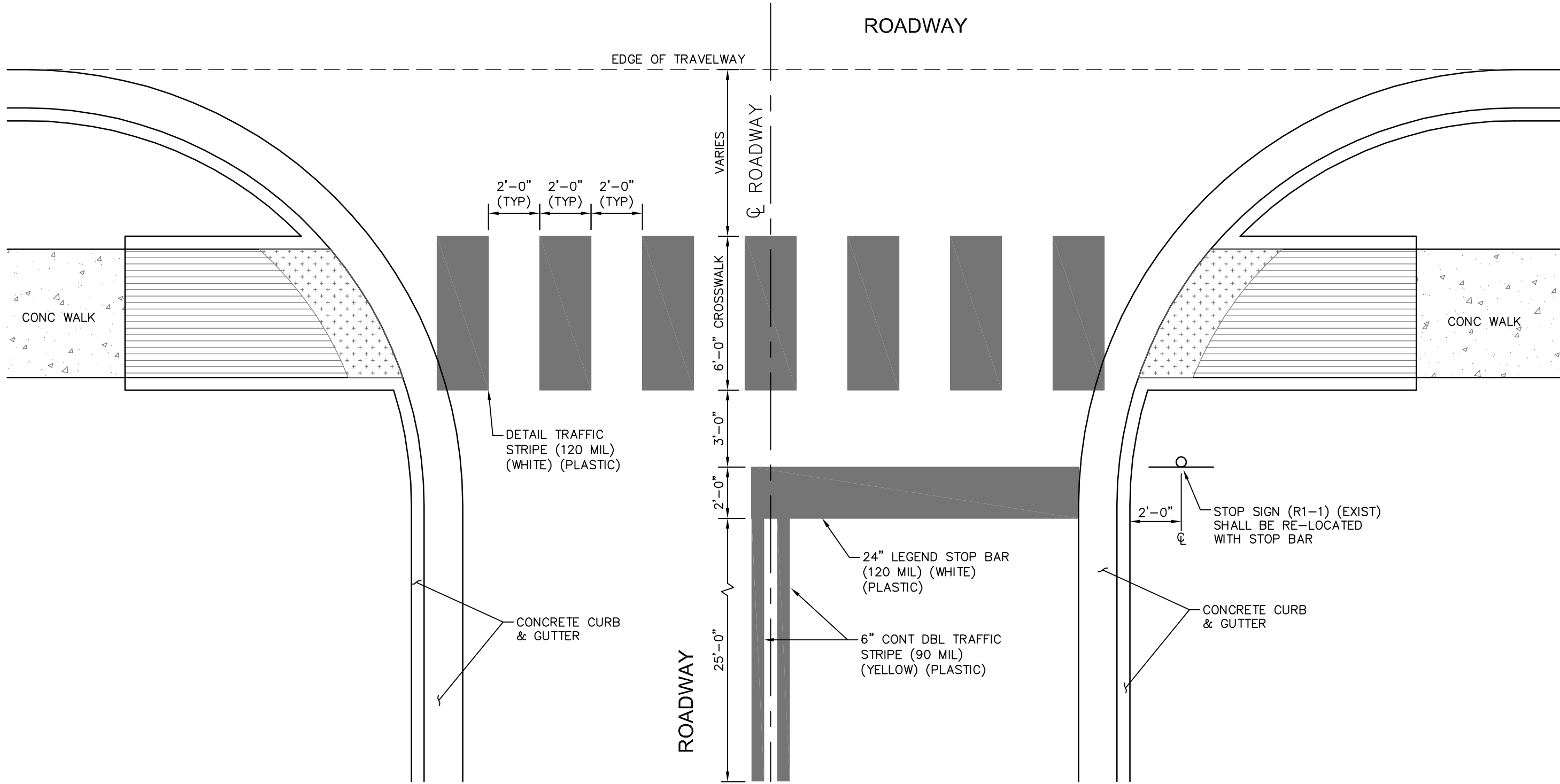
TEMPORARY EROSION CONTROL ITEMS REQUIRED FOR DETOURS

ITEM	RATE	SEASONAL LIMITATIONS
STANDARD GROUND PREPARATION	---	---
COMBINATION FERTILIZER (13-13-13)	500 LBS/ACRE	---
SEEDING (BERMUDA GRASS)	10 LBS/ACRE	---
SEEDING (TALL FESCUE)	20 LBS/ACRE	AUGUST 15 TO MARCH 15
VEGETATIVE MATERIAL FOR MULCH	2 LBS/ACRE	---

NOTE: ALL VEGETATION ON THIS PROJECT SHALL BE PAID FOR UNDER AS OUTLINED IN THE BID PROPOSAL. ITEMS SHALL BE APPLIED USING THE RATES OF APPLICATION AS SHOWN ON THIS SHEET AND WILL NOT BE MEASURED FOR SEPARATE PAYMENT.



TYPICAL SIGN INSTALLATION SECTION DETAIL
(FOR SIGN REPAIR)



TYPICAL INTERSECTION CROSSWALK & STOP BAR PAVEMENT MARKING DETAIL

NO.	DATE	DESCRIPTION	BY
VEGETATION SCHEDULE & MISC DETAILS			
COMSWIP SEWER PROJECT PHASE VIII CITY OF HATTIESBURG FORREST COUNTY, MISSISSIPPI			
sdw Engineering Progress 301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by:	RES\BT	Checked by:	JTW Scale: NONE
Date:	12-11-2017	Working No.:	VS1
Drawing No.:	1273-S010	Sheet No.:	69

ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

BEDDING AND BACKFILL REQUIREMENTS FOR NON-RIGID PIPE IN CROSS-DRAIN AND STORM-DRAIN APPLICATIONS

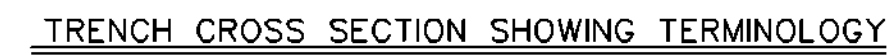
BEDDING AND BACKFILL REQUIREMENTS FOR NON-RIGID PIPE IN SIDEDRAIN APPLICATIONS

TABLE 2:
HIGH DENSITY CORRUGATED POLYETHYLENE PIPE
HEIGHT OF COVER
H-20 AND E-80 LIVE LOADS

TABLE 3: RECOMMENDED TRENCH WIDTH

The trench width must be wide enough to accomodate compaction equipment.

DIAMETER OF PIPE		CLEAR DISTANCES BETWEEN PIPES	
IN.	(MM)	FT.	(M)
18	(450)	1' 2"	(0.36)
24	(600)	1' 5"	(0.44)
30	(750)	1' 8"	(0.52)
36	(900)	1' 11"	(0.60)
42	(1050)	2' 2"	(0.68)
48	(1200)	2' 5"	(0.76)



1. MATERIALS

POLYETHYLENE PIPE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 294, LATEST EDITION.

BEDDING MATERIAL AND STRUCTURAL BACKFILL

2. JOINTS

SUITABLE JOINTS CAN BE OBTAINED WITH THE FOLLOWING TYPES OF CONNECTIONS:

- ### 3. INSTALLATION

THE MIDDLE THIRD OF THE BEDDING MATERIAL UNDER THE PIPE SHOULD BE LOOSELY PLACED, WHILE THE

REMAINDER SHALL BE COMPACTED TO A MINIMUM 90% OF MAXIMUM DENSITY PER AASHTO T 99.

A MINIMUM OF 4 INCHES OF BEDDING SHALL BE PROVIDED PRIOR TO PLACEMENT OF THE PIPE.

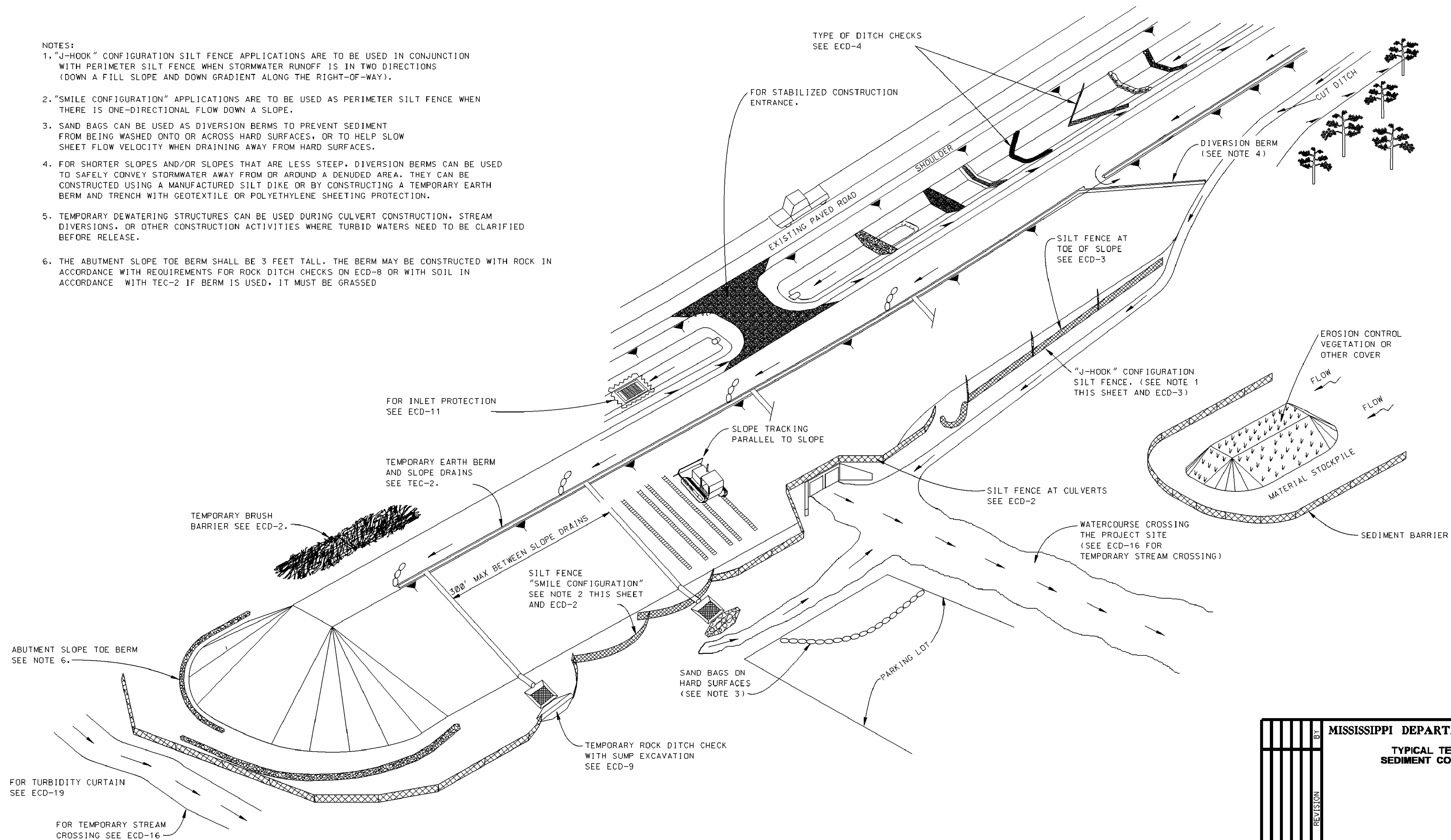
STRUCTURAL BACKFILL SHALL BE PLACED AND COMPACTED IN LAYERS NOT EXCEEDING AN 8 INCH LOOSE LIFT THICKNESS AND BROUGHT UP EVENLY ON BOTH SIDES OF THE PIPE TO AN ELEVATION NOT LESS THAN 12 INCHES ABOVE THE TOP OF THE PIPE. A MINIMUM COMPACTION LEVEL OF 90% STANDARD DENSITY PER AASHTO T 99 SHALL BE ACHIEVED.

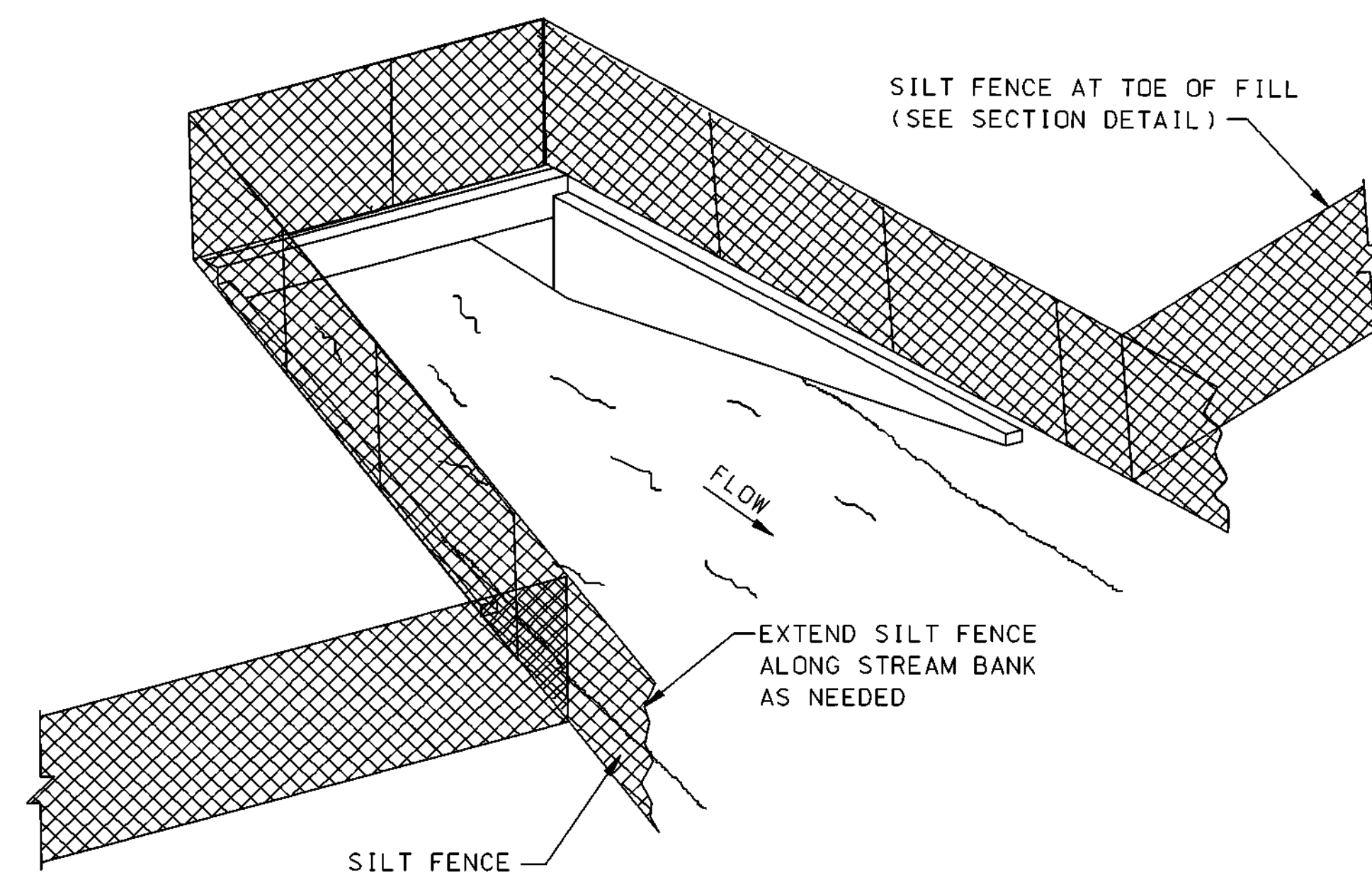
MINIMUM COVER REQUIREMENTS SHALL MEET THE REQUIREMENTS OF TABLE 2.

FOR MULTIPLE INSTALLATION OF POLYETHYLENE PIPES, A CLEAR DISTANCE BETWEEN PIPES SHALL MEET THE REQUIREMENTS OF TABLE 4.

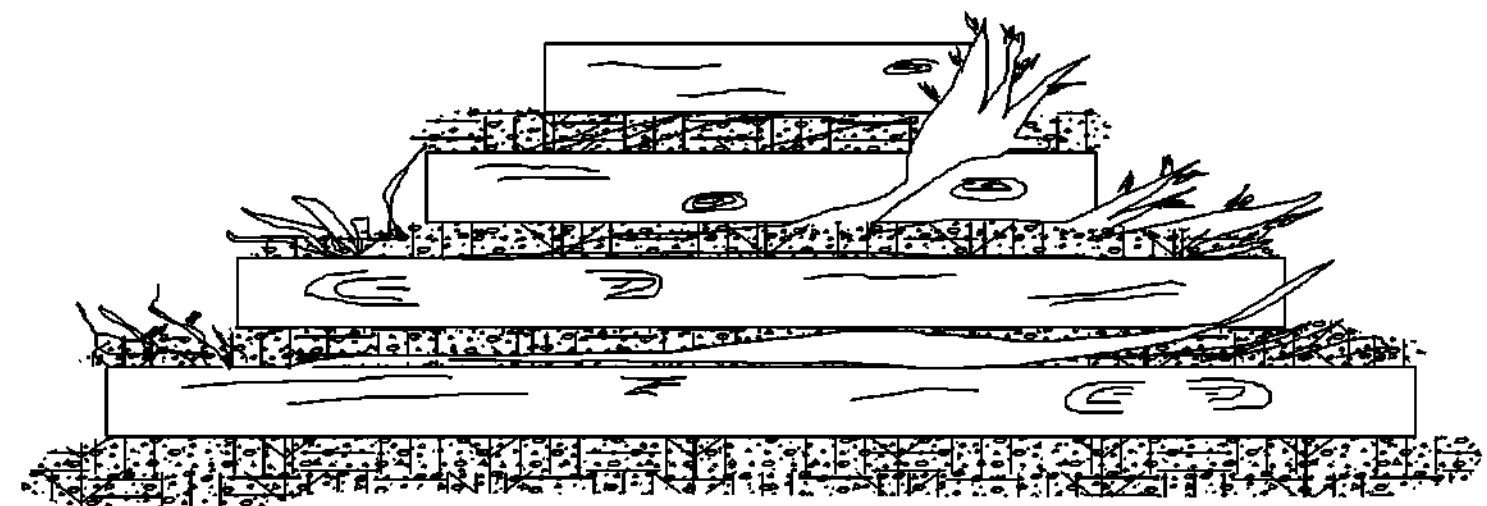
- RAWING No.: 1273-S010

- NOTES:
1. "J-HOOK" CONFIGURATION SILT FENCE APPLICATIONS ARE TO BE USED IN CONJUNCTION WITH PERIMETER SILT FENCE WHEN STORMWATER RUNOFF IS IN TWO DIRECTIONS (DOWN A FILL SLOPE AND DOWN GRADIENT ALONG THE RIGHT-OF-WAY).
 2. "SMILE CONFIGURATION" APPLICATIONS ARE TO BE USED AS PERIMETER SILT FENCE WHEN THERE IS ONE-DIRECTIONAL FLOW DOWN A SLOPE.
 3. SAND BAGS CAN BE USED AS DIVERSION BERMS TO PREVENT SEDIMENT FROM BEING WASHED ONTO OR ACROSS HARD SURFACES, OR TO HELP SLOW SHEET FLOW VELOCITY WHEN DRAINING AWAY FROM HARD SURFACES.
 4. FOR SHORTER SLOPES AND/OR SLOPES THAT ARE LESS STEEP, DIVERSION BERMS CAN BE USED TO SAFELY CONVEY STORMWATER AWAY FROM OR AROUND A DENUDED AREA. THEY CAN BE CONSTRUCTED USING A MANUFACTURED SILT DIKE OR BY CONSTRUCTING A TEMPORARY EARTH BERM AND TRENCH WITH GEOTEXTILE OR POLYETHYLENE SHEETING PROTECTION.
 5. TEMPORARY DEWATERING STRUCTURES CAN BE USED DURING CULVERT CONSTRUCTION, STREAM DIVERSIONS, OR OTHER CONSTRUCTION ACTIVITIES WHERE TURBID WATERS NEED TO BE CLARIFIED BEFORE RELEASE.
 6. THE ABUTMENT SLOPE TOE BERM SHALL BE 3 FEET TALL. THE BERM MAY BE CONSTRUCTED WITH ROCK IN ACCORDANCE WITH REQUIREMENTS FOR ROCK DITCH CHECKS ON ECD-8 OR WITH SOIL IN ACCORDANCE WITH TEC-2 IF BERM IS USED, IT MUST BE GRASSED

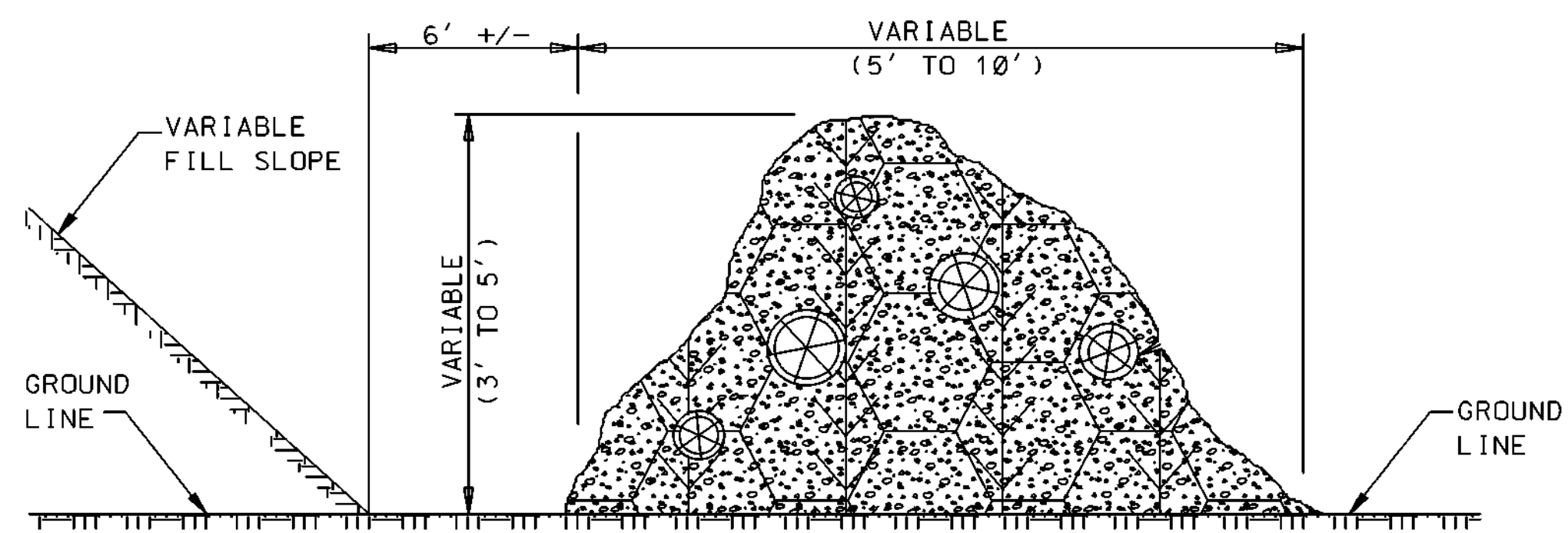
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SEDIMENT BARRIER AT CROSS DRAIN



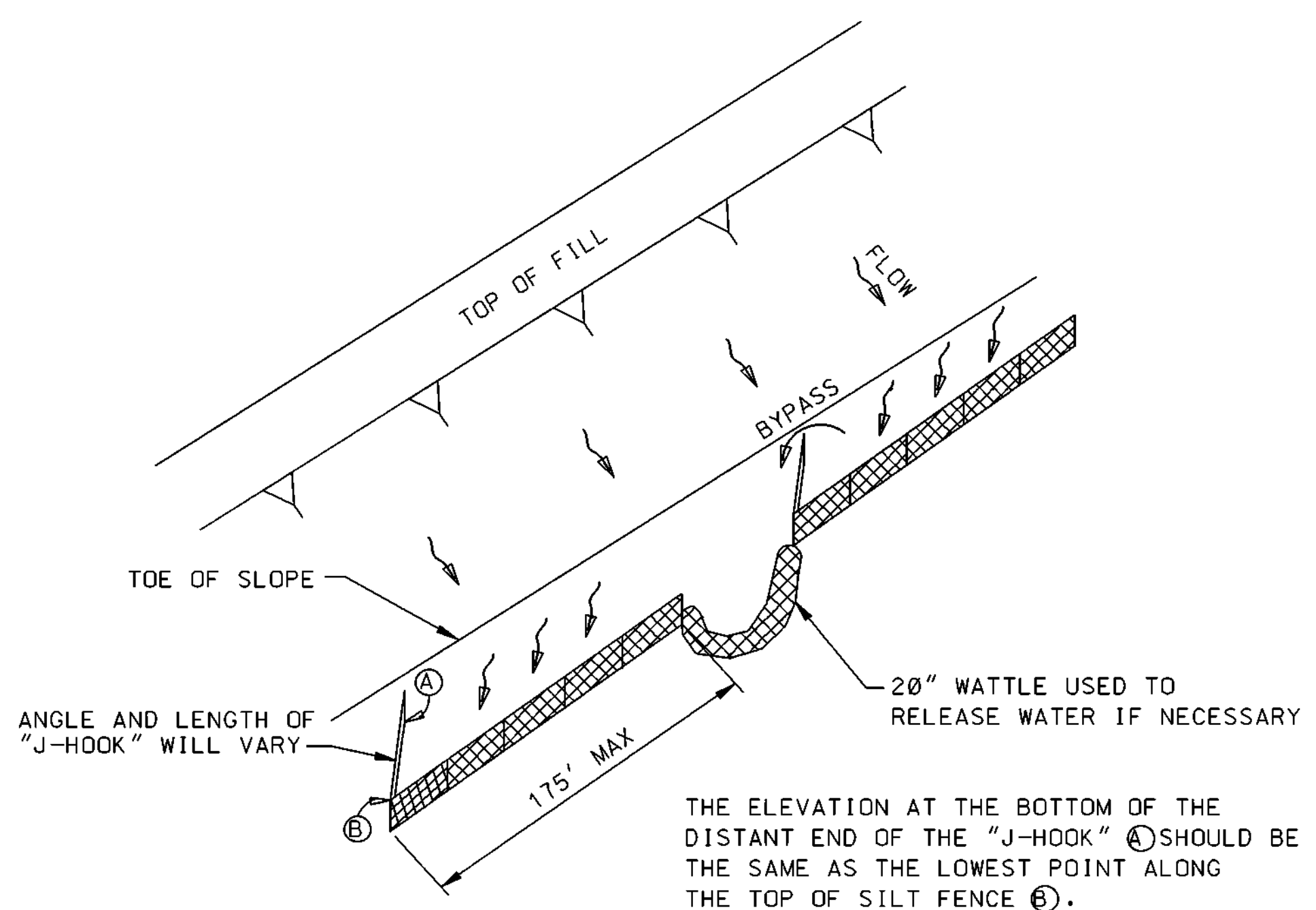
FRONT ELEVATION



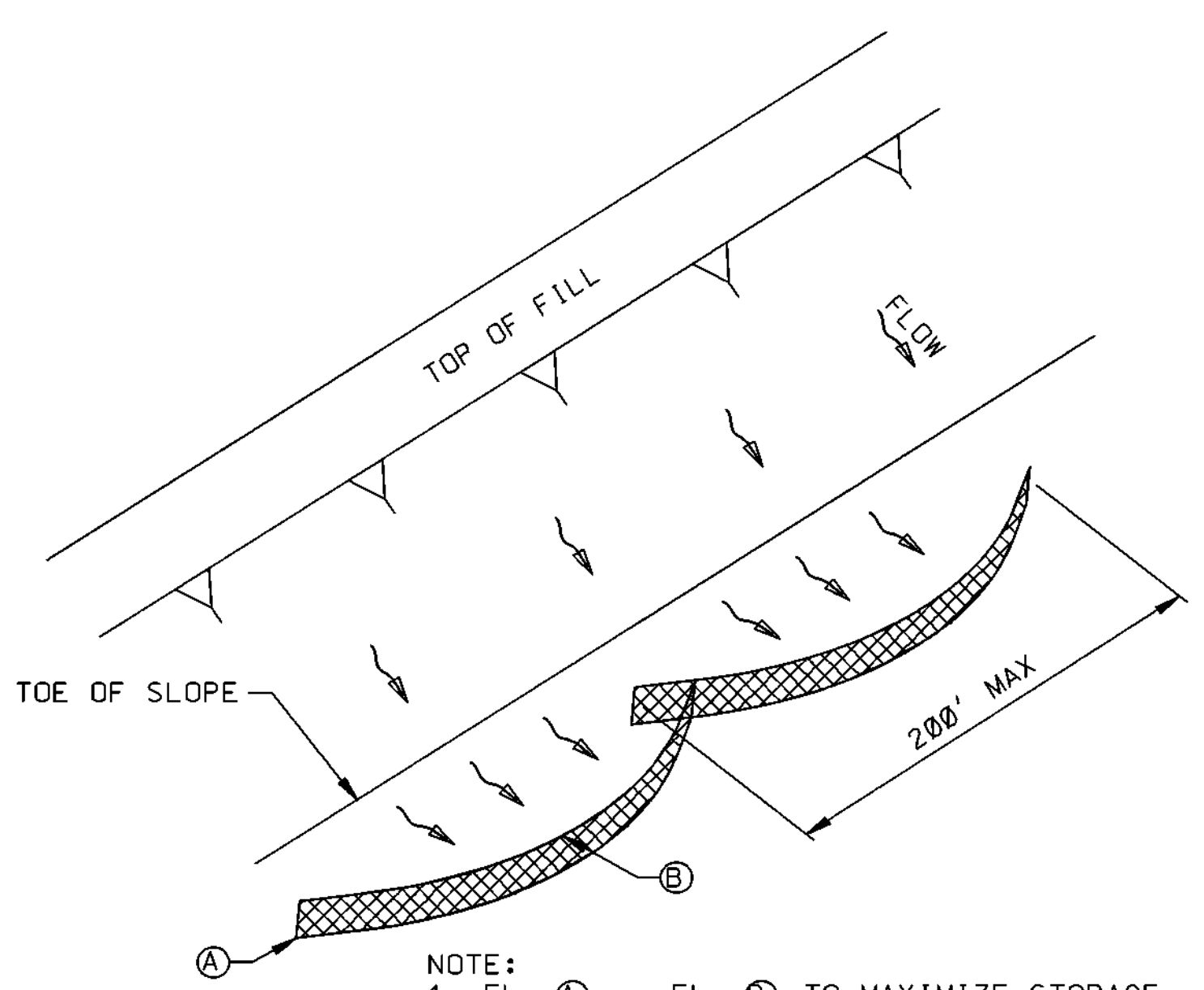
SIDE ELEVATION

TEMPORARY BRUSH BARRIER

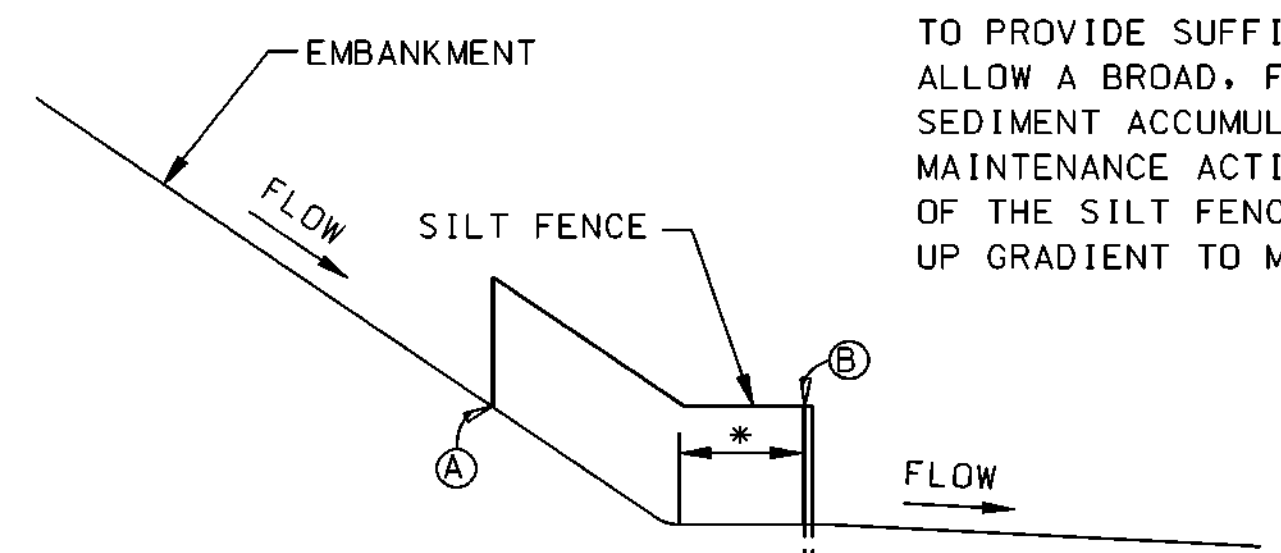
- NOTES:
1. BRUSH BARRIER MAY BE USED WHERE NATURAL GROUND IS LEVEL OR SLOPING AWAY FROM PROJECT.
 2. PLACE BRUSH, LOG AND TREE LAPS APPROXIMATELY PARALLEL TO TOE OF FILL SLOPE WITH SOME OF THE HEAVIER MATERIALS BEING PLACED ON TOP TO PROPERLY SECURE THE BARRIER AS DETAILED AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED OR PERMITTED BY THE ENGINEER.
 3. TO ALLOW WATER TO SEEP THROUGH BRUSH BARRIER, INTERMINGLE THE BRUSH, LOG AND TREE LAPS SO AS NOT TO FORM A SOLID DAM.
 4. THE BRUSH BARRIER MAY BE CHOKED WITH FILTER FABRIC.
 5. TEMPORARY BRUSH BARRIER WILL NOT BE MEASURED FOR SEPERATE PAYMENT



"J-HOOK" SILT FENCE APPLICATION



"SMILE-CONFIGURATION" SILT FENCE APPLICATION

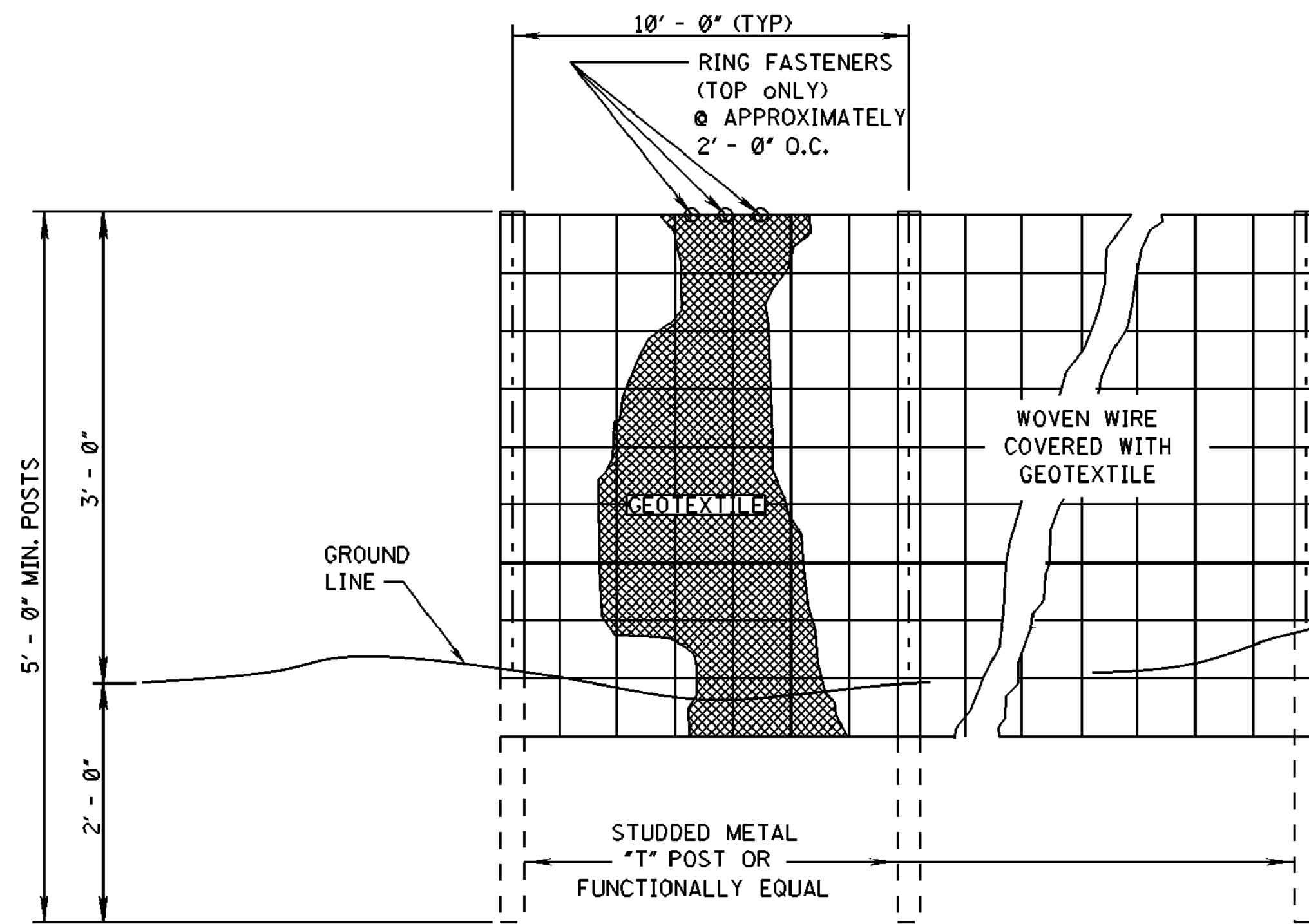


SILT FENCE SECTION AT TOE OF FILL

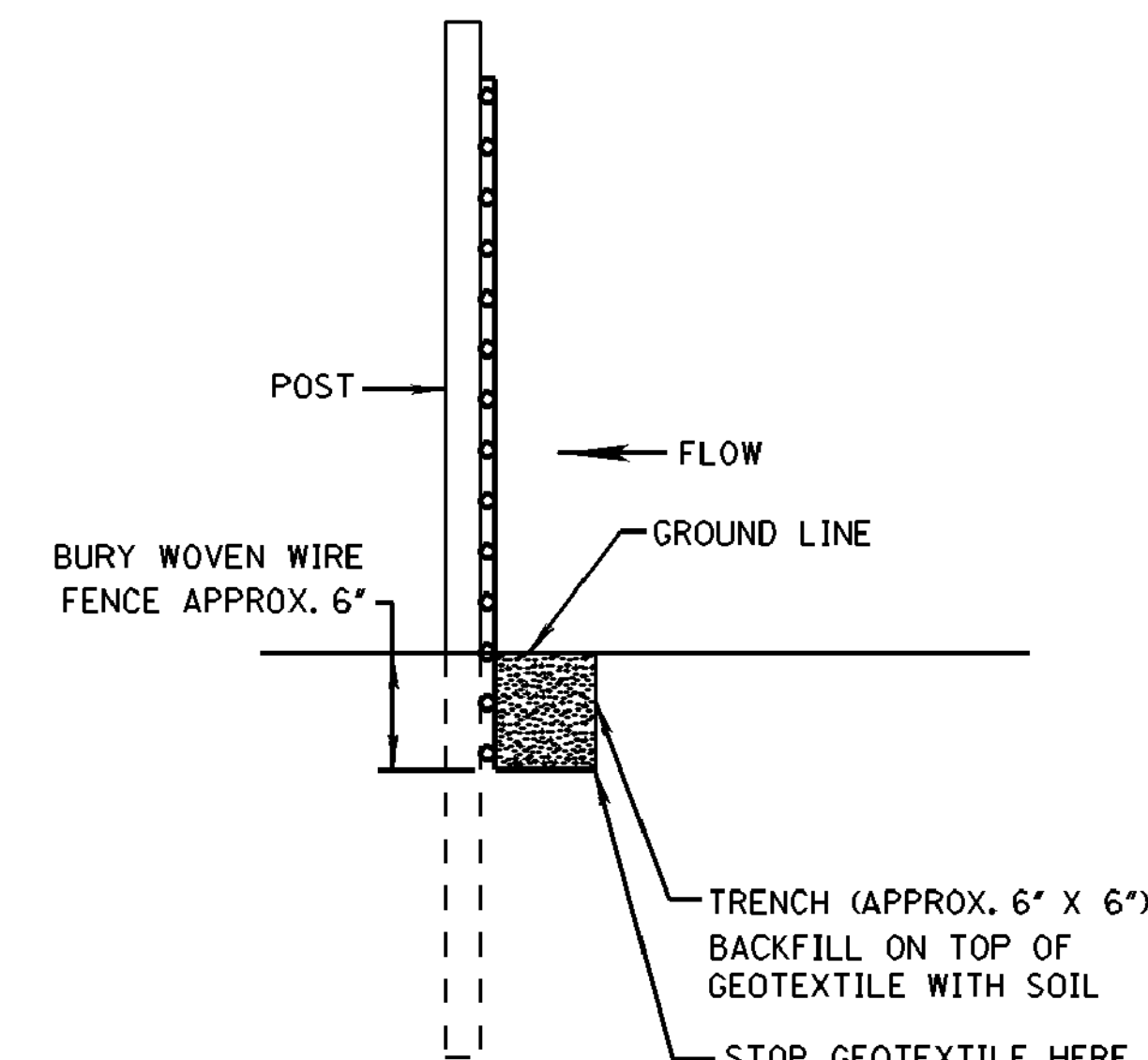
- NOTE:
1. ANCHOR AND INSTALL SILT FENCE PER DETAILS SHOWN ON ECD-3

* SILT FENCE SHOULD BE LOCATED AWAY FROM THE TOE OF THE SLOPE TO PROVIDE SUFFICIENT SPACE TO ALLOW A BROAD, FLAT AREA FOR SEDIMENT ACCUMULATION AND MAINTENANCE ACTIVITIES. THE ENDS OF THE SILT FENCE SHOULD BE TURNED UP GRADIENT TO MAXIMIZE STORAGE.

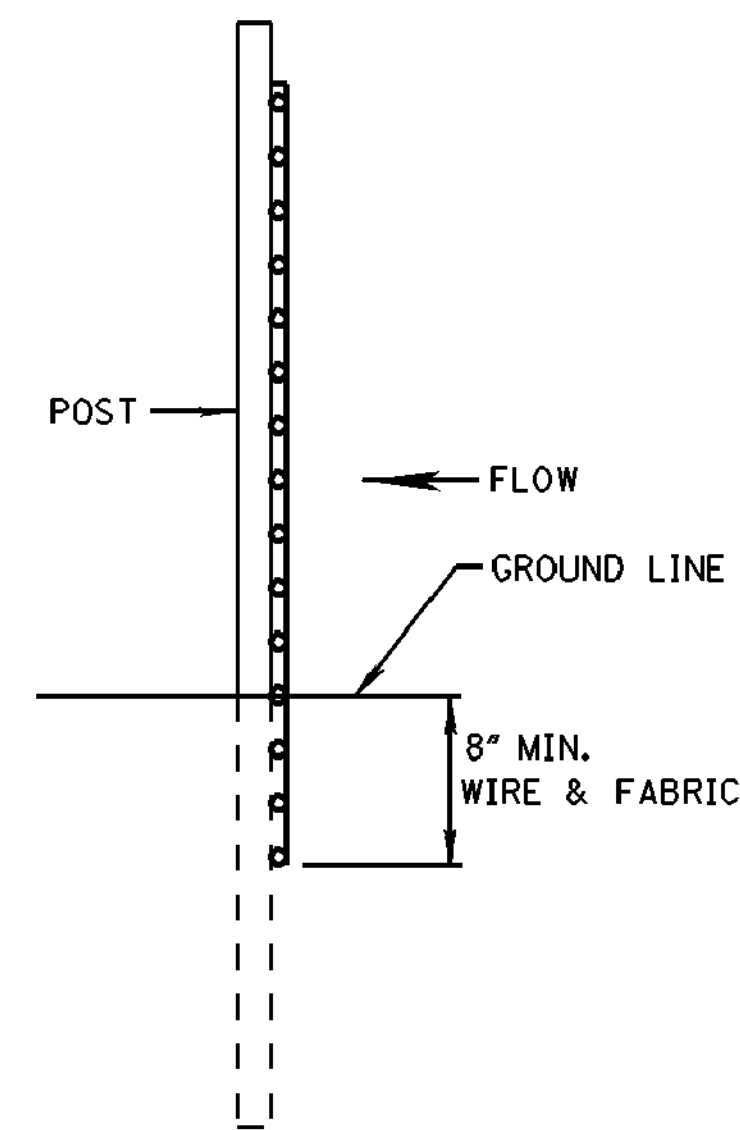
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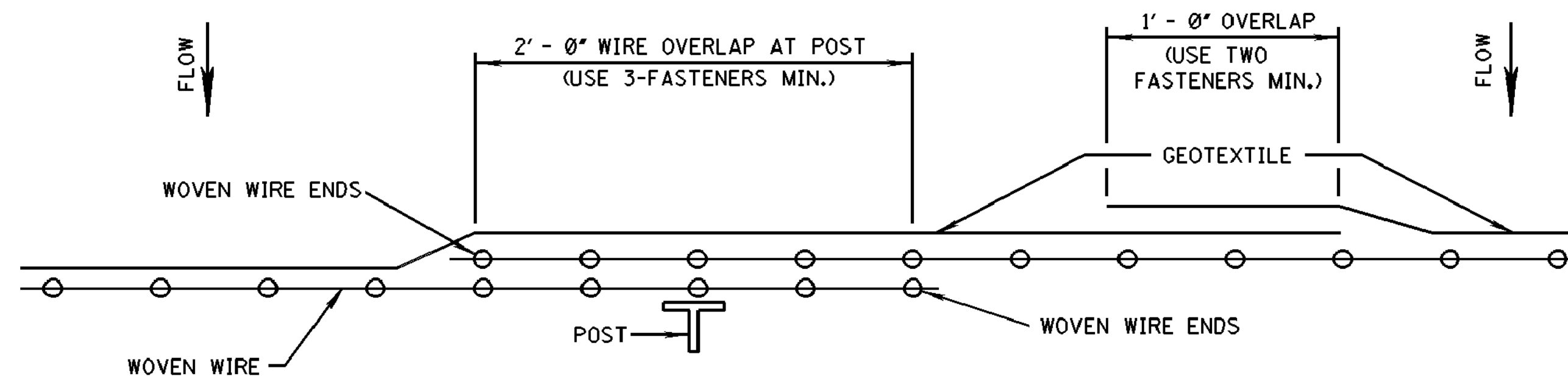
METHOD I



METHOD II
MECHANICAL INSTALLATION

SIDE VIEW

- NOTES:
1. SILT FENCES SHALL BE USED IN AREAS WHERE FLOW IS NOT SEVERE.
 2. SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHALL BE ERRECTED OPPOSITE ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
 3. SILT FENCE SHOULD BE PLACED WELL INSIDE RIGHT-OF-WAY AND ALONG EDGE OF CLEARING LIMITS. THIS WILL ALLOW ROOM FOR A BACK-UP FENCE IF FIRST FENCE BECOMES FULL.
 4. WHEREVER POSSIBLE SILT FENCE SHALL BE CONSTRUCTED ACROSS A LEVEL AREA IN THE SHAPE OF A SMILE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
 5. THE CONTRACTOR MAY ELECT TO USE EITHER METHOD I OR METHOD II. COST TO BE LINEAR FEET OF SILT FENCE.
 6. METHOD II INSTALLATION SHALL BE ACCOMPLISHED USING AN IMPLEMENT THAT IS MANUFACTURED FOR THE APPLICATION AND PROVIDES A CONFIGURATION MEETING THE REQUIREMENTS OF THE DETAIL.
 7. WIRE SHALL BE MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
 8. GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATION MAY BE USED WITHOUT WIRE FENCE.



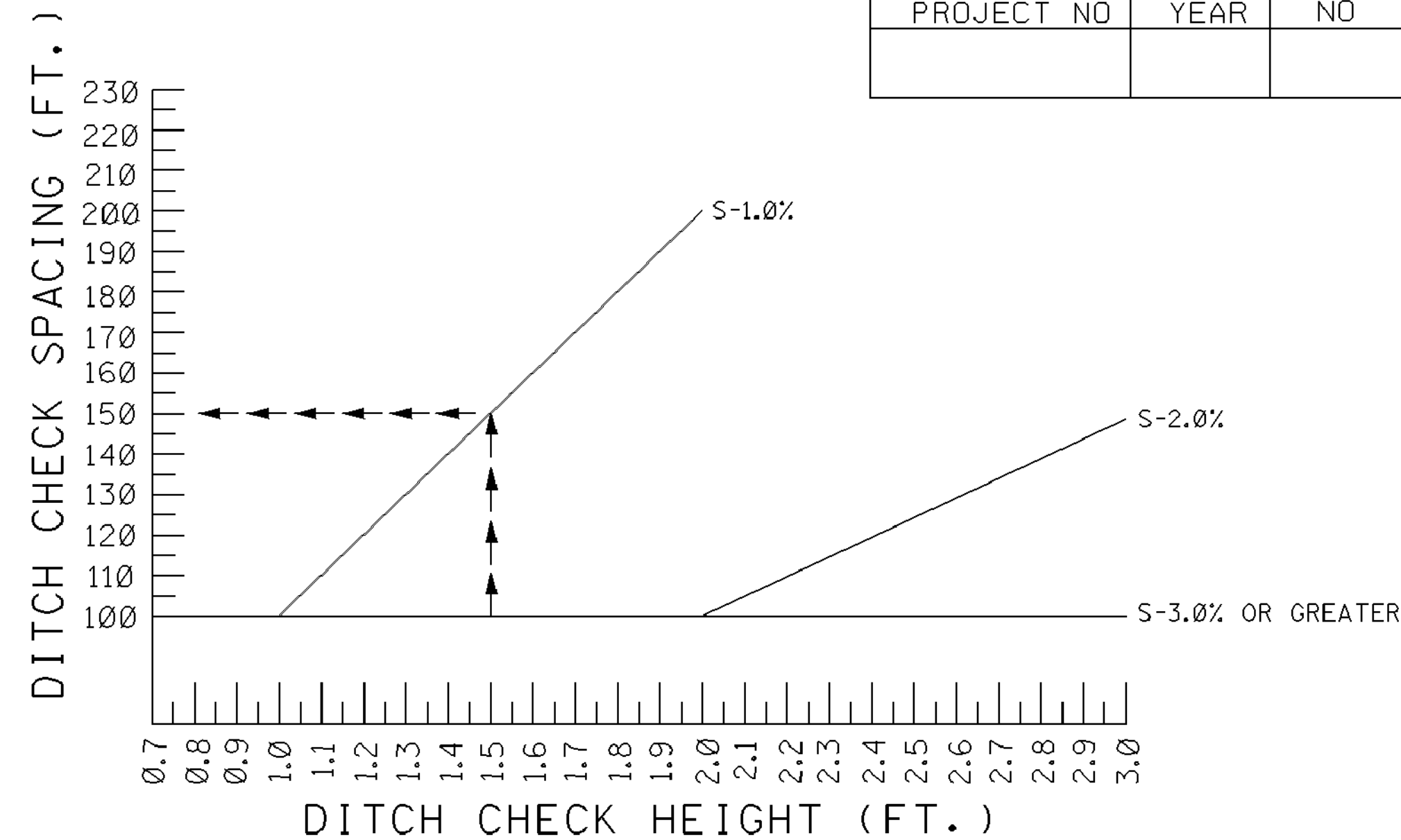
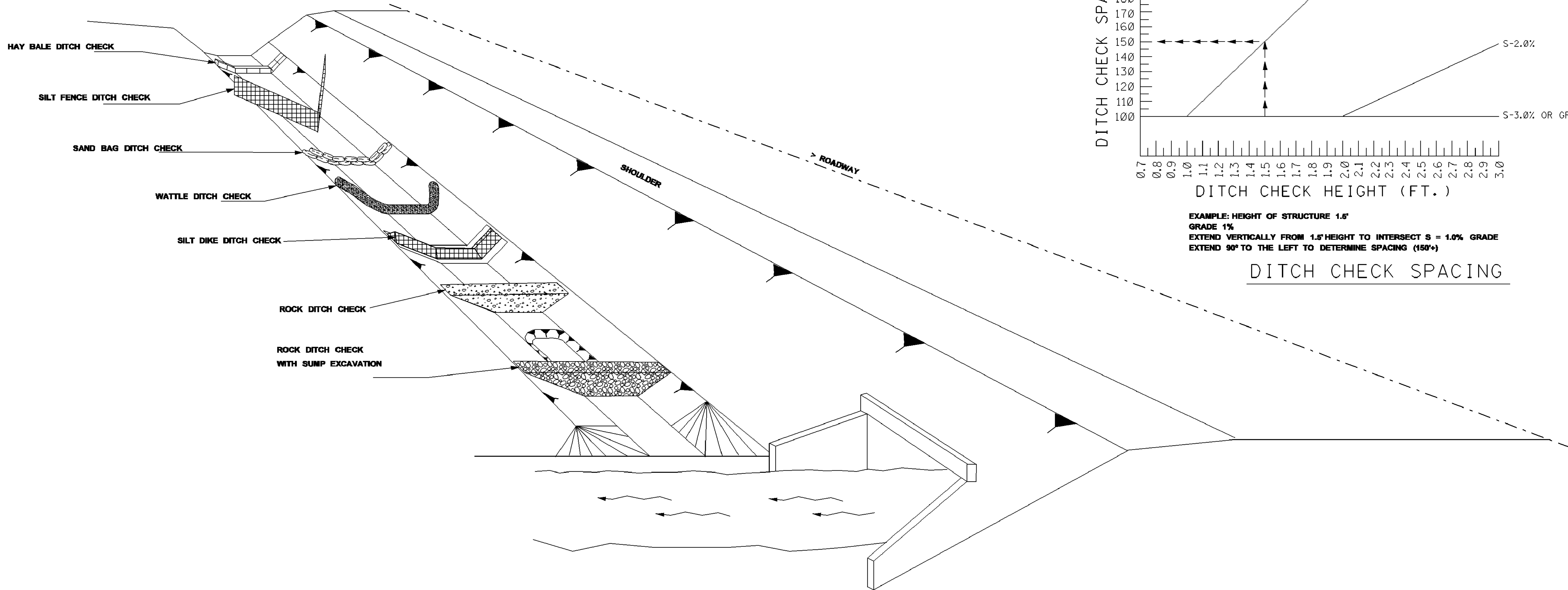
PLAN VIEW
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G:\PROJECTS\Harrisburg_City.cad\1273-S010 - ConsSWP Sover Phase VIII - Comp St Area\1273S010\CAD Files\1273S010_Shield_Ditch.dwg, 74, 12/10/2017 9:54:44 AM

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/20/2010 8:10 AM ECD-4.DGN



NOTES:

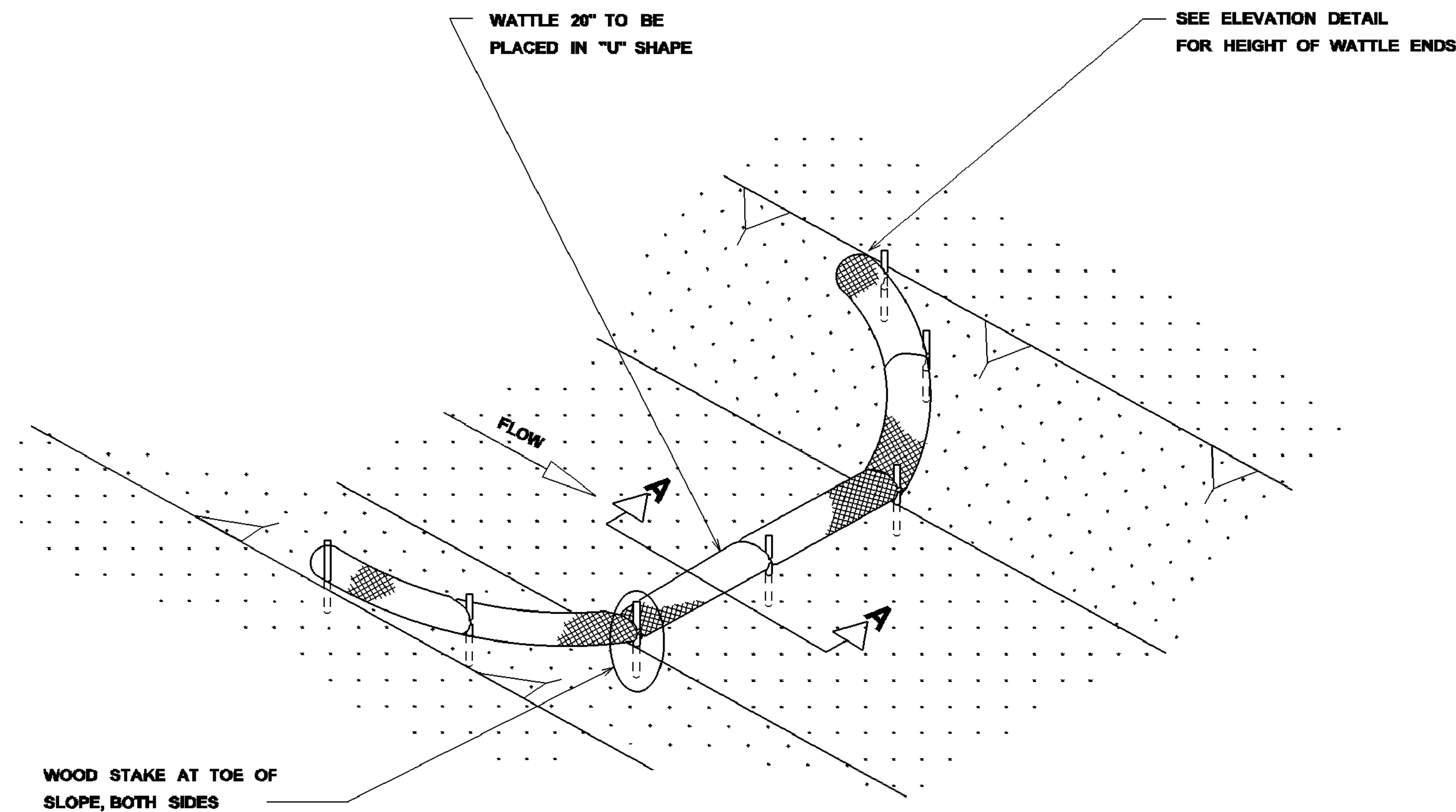
1. THE DITCH CHECK PERSPECTIVE ILLUSTRATES A TOOL BOX OF TEMPORARY PRACTICES THAT MAY BE USED. DITCH CHECKS ARE INSTALLED TO CONTROL RUNOFF VELOCITY AND THUS REDUCE EROSION AND PROVIDE FOR TRAPPING OF SEDIMENTS.
2. SELECTION OF THE APPROPRIATE DITCH CHECK SHOULD BE A FUNCTION OF CONSTRUCTION PHASE, DRAINAGE AREA, DITCH GRADIENT, SOIL TYPE ECONOMY AND SAFETY.
3. DITCH CHECKS CAN BE REMOVED FOR MAINTENANCE AND/OR REPLACEMENT BUT MUST REMAIN IN PLACE UNTIL UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED. MAINTENANCE INCLUDES REMOVAL OF SEDIMENT BEGINNING WHEN SEDIMENT ACCUMULATION REACHES 1/3 THE CAPACITY OR HEIGHT OF THE STRUCTURE AND NEVER ALLOWING FOR SEDIMENT TO ACCUMULATE MORE THAN 1/2 THE VOLUME OR HEIGHT OF THE DITCH CHECK STRUCTURE.
4. HAY BALES ARE USED TO INTERCEPT LOW VOLUME FLOWS IN LOW TO MODERATE GRADIENT DITCHES.
5. SILT FENCE DITCH CHECKS ARE USED WHERE IT HAS BEEN DETERMINED THAT HAY BALE CHECKS ARE INADEQUATE. SILT FENCE DITCH CHECKS ARE USED TO INTERCEPT LOW VOLUME FLOWS IN LOW TO MODERATE GRADIENT DITCHES.
6. SAND BAG DITCH CHECKS ARE USED FOR VELOCITY REDUCTION AND MINIMAL SEDIMENT TRAPPING IN CONCRETE PAVED DITCHES OR IN DITCHES THAT HAVE ROCKY BOTTOMS.
7. WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.
8. SILT DIKES CAN BE USED IN DITCHES WITH CONCENTRATED FLOWS WITHIN THE CLEAR ZONE WHERE RIPRAP CAN NOT BE USED AS CONSTRUCTION PROGRESSES.
9. ROCK DITCH CHECK WITH SUMP EXCAVATION CAN BE PLACED IN DITCHES TO ASSURE ON-SITE SEDIMENT TRAPPING REQUIREMENTS ARE MET. DITCH CHECK WITH SUMP EXCAVATION IS USED WHEN DITCHES RECEIVE DRAINAGE FROM CUT OR FILL SLOPES OR OTHER CRITICAL AREAS WHERE SOIL EROSION IS EXPECTED. DRAINAGE AREA FOR A TEMPORARY SEDIMENT TRAP SHALL NOT EXCEED 3 ACRES. THEY CAN BE USED IN SERIES TO INCREASE ON-SITE SEDIMENT TRAPPING EFFICIENCY.
10. IN GENERAL, DITCH CHECKS SHOULD NOT BE PLACED IN LIVE STREAMS.
11. CONFIGURATION AND SPACING MAY BE ADJUSTED IF APPROVED BY THE ENGINEER TO ACCOMMODATE TRAVELWAY SAFETY, WATER FLOW, OR SOIL AND INSTALLATION CHALLENGES.

STATE	PROJECT NO.
MISS.	

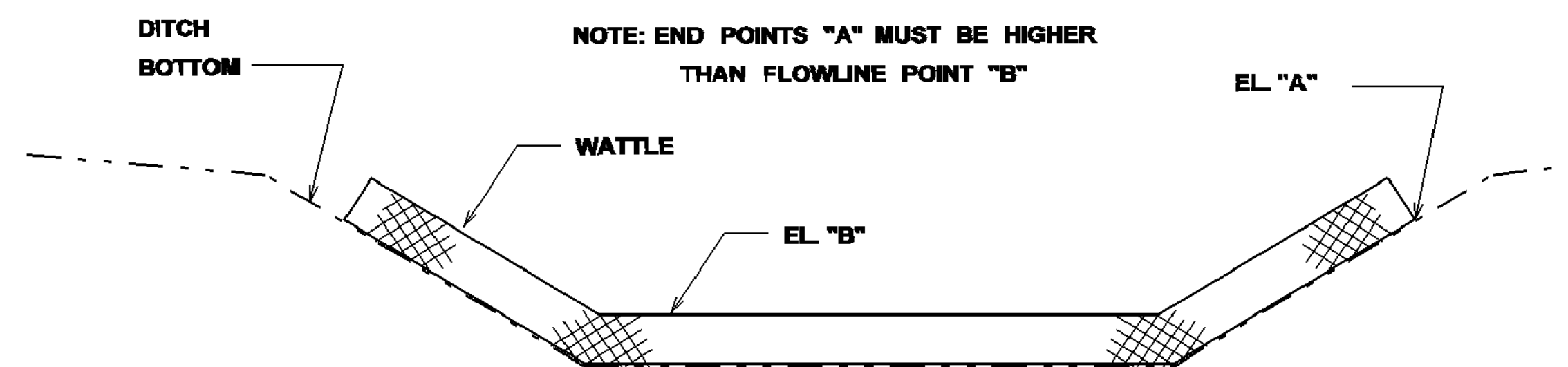
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO

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DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS			
DATE	REVISION	BY	WORKING NUMBER
DESIGN TEAM	CHECKED	DATE	ECD-4
FILENAME: EROSION CONTROL ECD-4.DGN			SHEET NUMBER
			74

DRAWING No.: 1273-S010



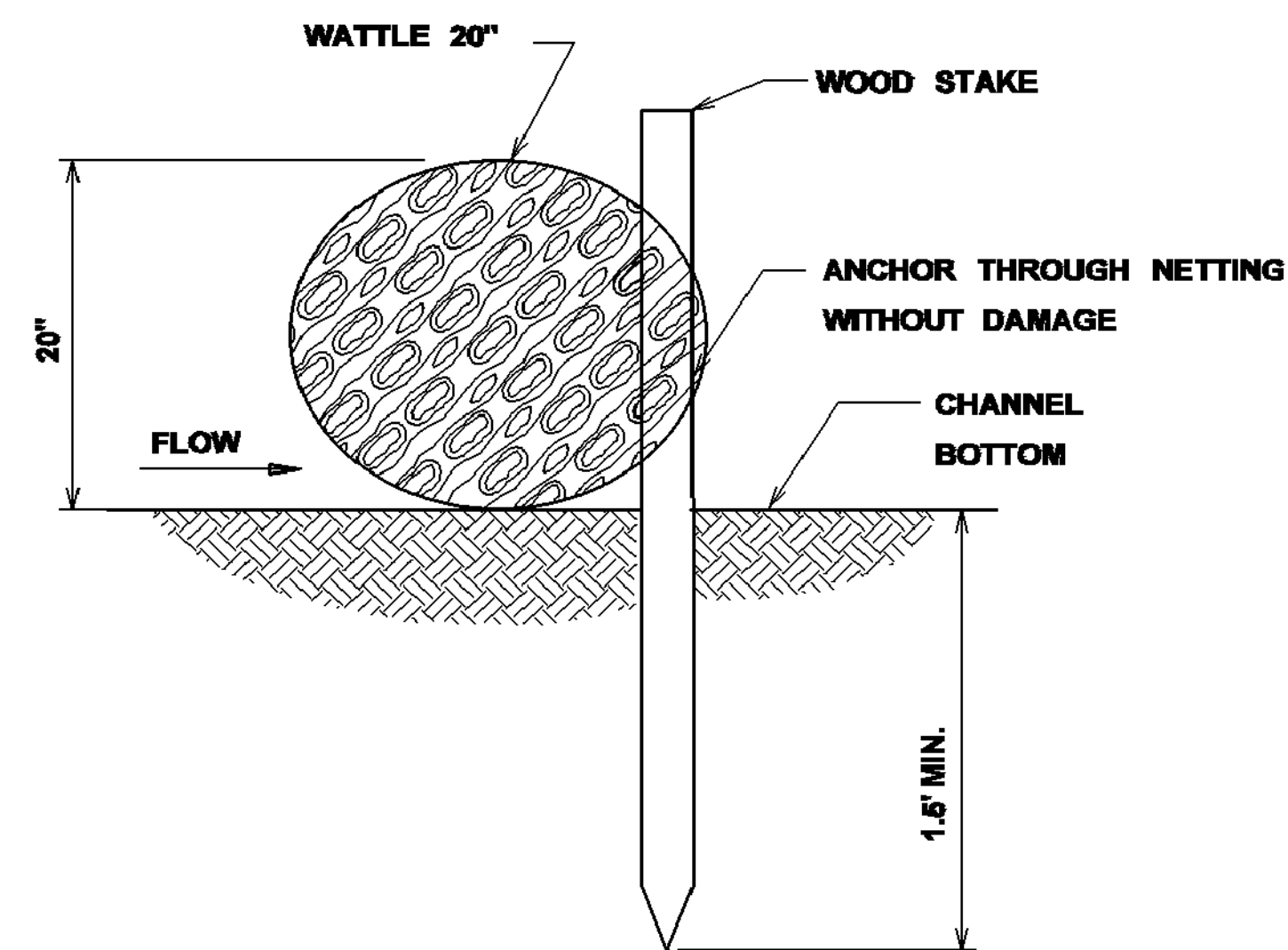
DETAIL (DITCH CHECK)



ELEVATION DETAIL

WATTLE DITCH CHECK SELECTION GUIDELINES

WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.

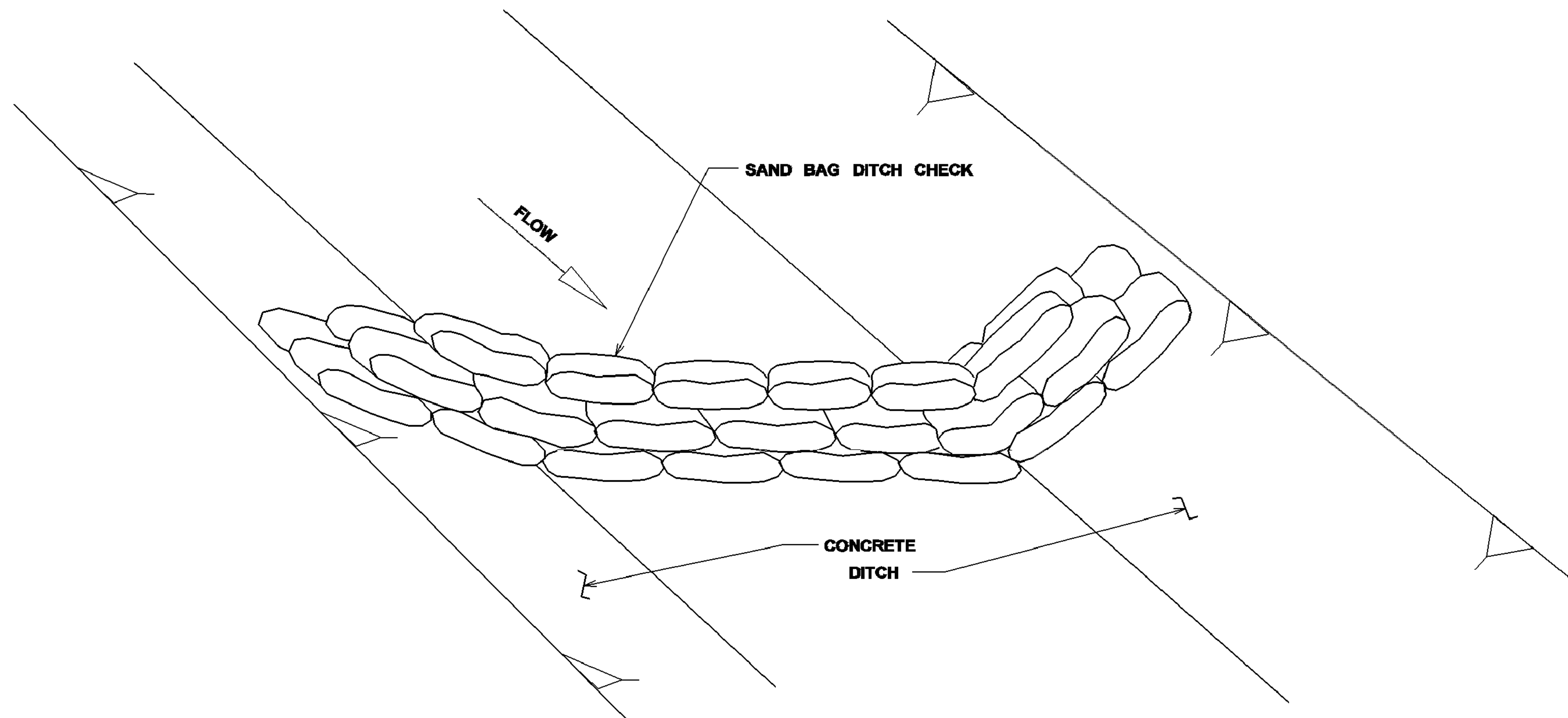


SECTION A-A

NOTES:

1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR EROSION CONTROL PLAN APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ECD-4
2. ANCHORING WOOD STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
4. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.

BY		REVISION		DATE		FILENAME: EROSION CONTROL/ECD-6.DGN		WORKING NUMBER ECD-6	
DATE		DESIGN TEAM		CHECKED		DATE		SHEET NUMBER 75	



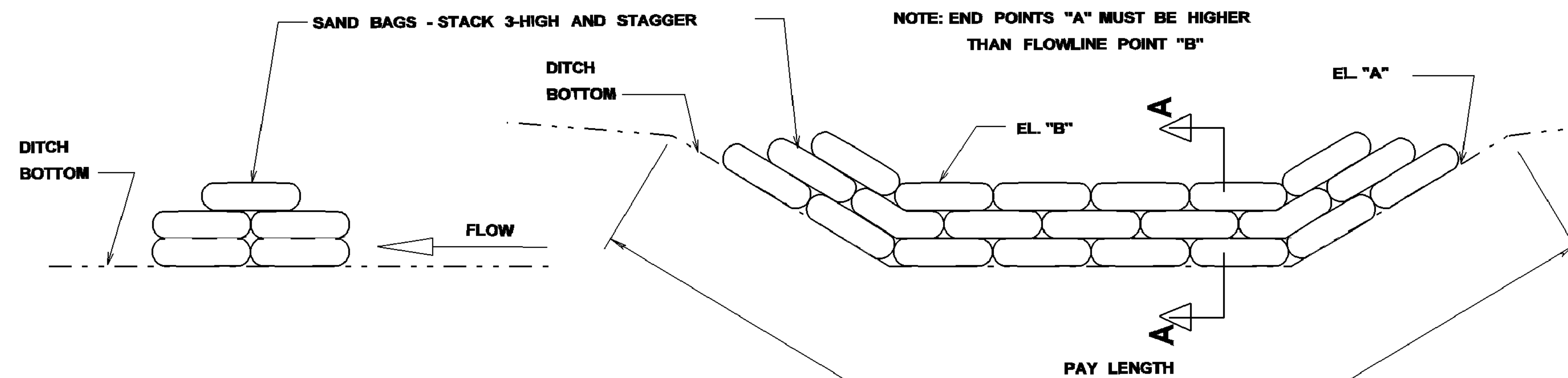
DETAIL (DITCH CHECK)

NOTES:

1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN SAND BAG DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ECD-4.
2. PREVENTING SEDIMENT FROM ENTERING A PAVED DITCH IS PREFERABLE TO CAPTURING SEDIMENT WITHIN PAVED DITCH.

SAND BAG DITCH CHECK SELECTION GUIDELINES

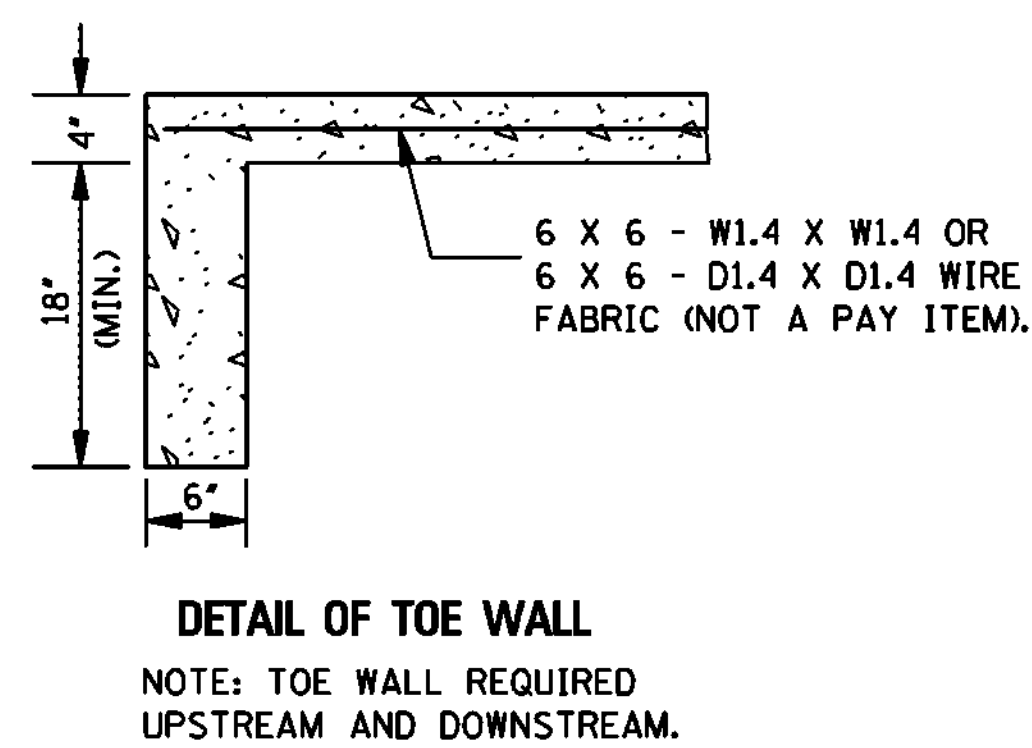
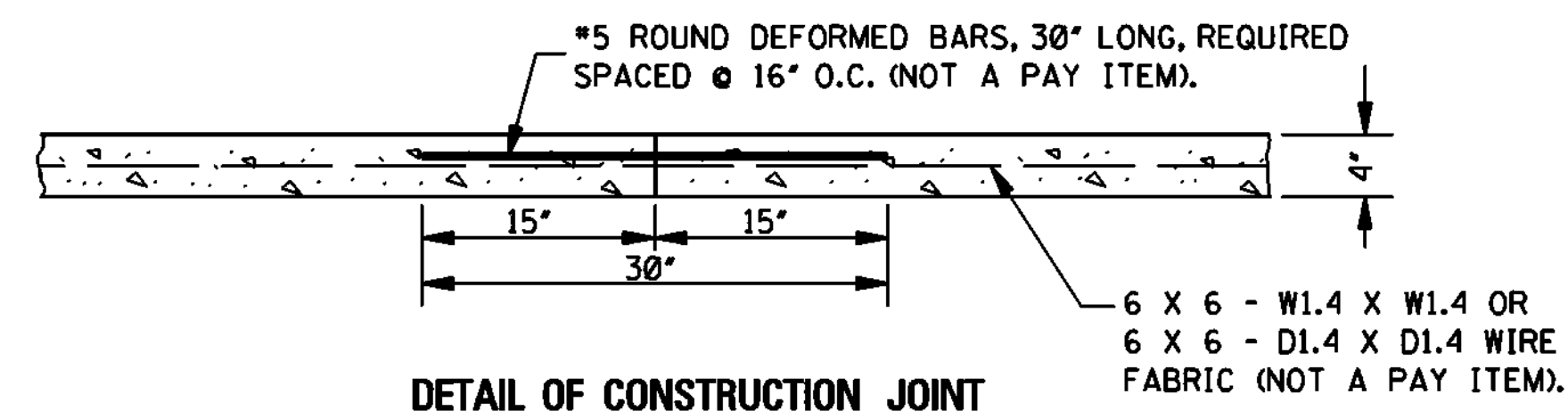
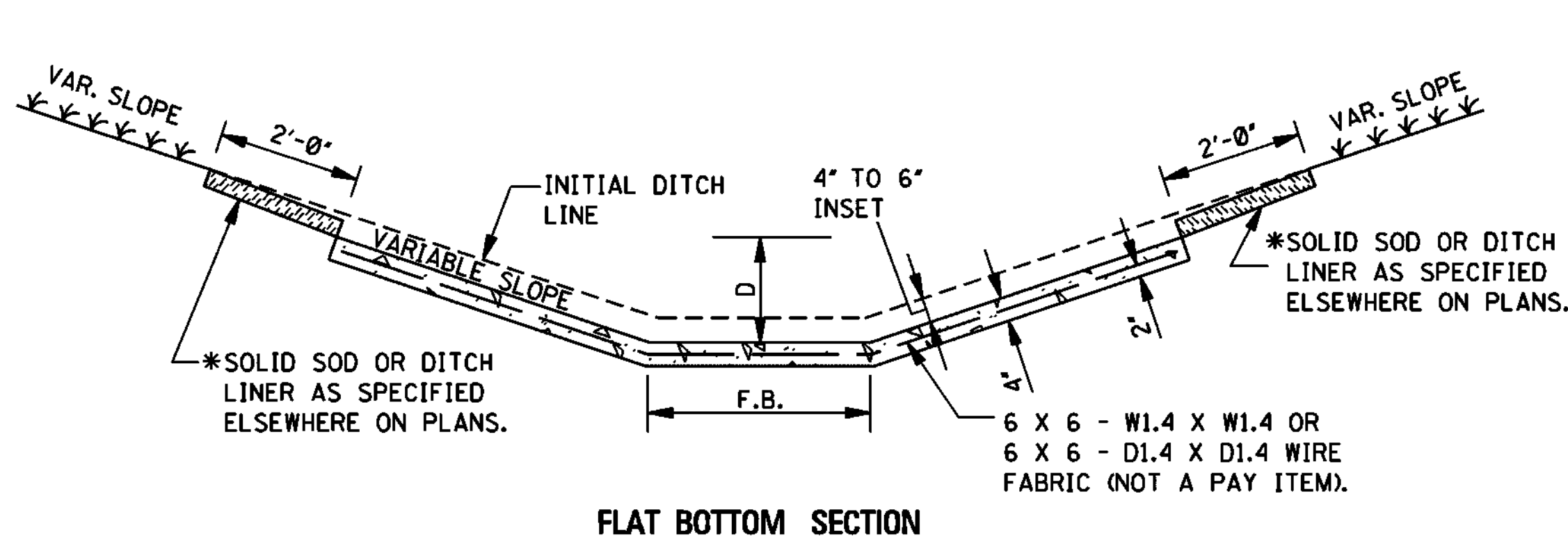
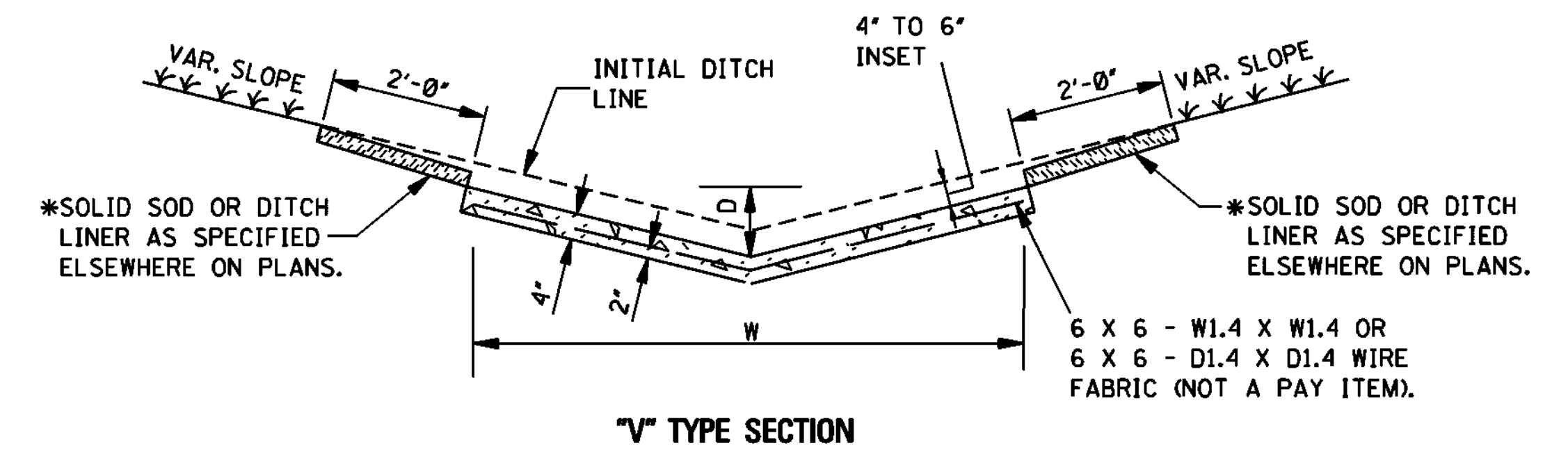
SAND BAG DITCH CHECKS ARE USED FOR VELOCITY REDUCTION AND MINIMAL SEDIMENT TRAPPING IN CONCRETE PAVED DITCHES OR IN DITCHES THAT HAVE ROCKY BOTTOMS.



SECTION A-A

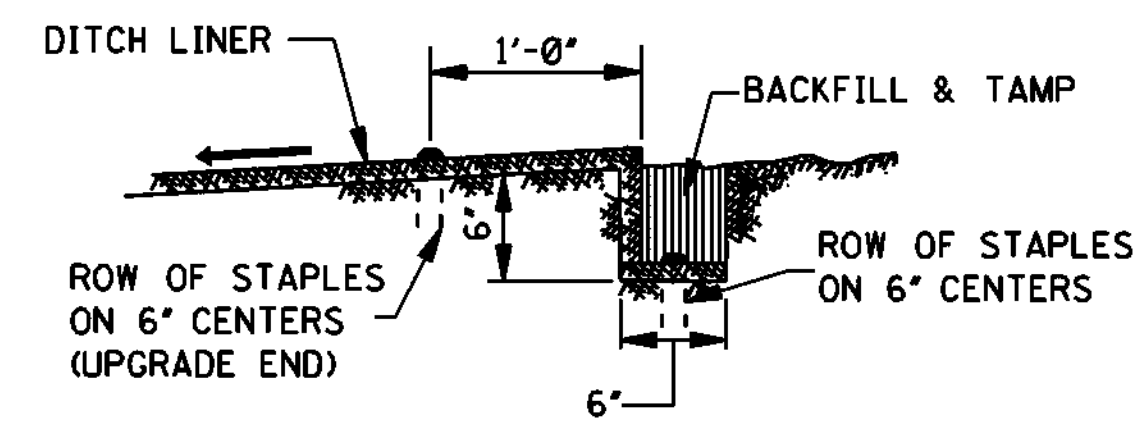
ELEVATION DETAIL

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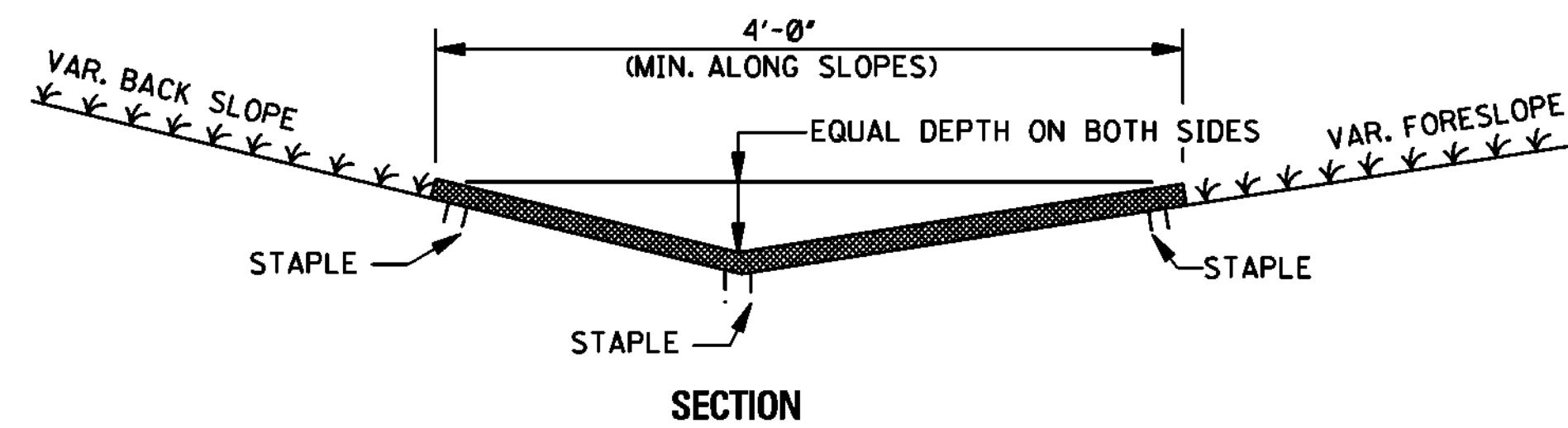
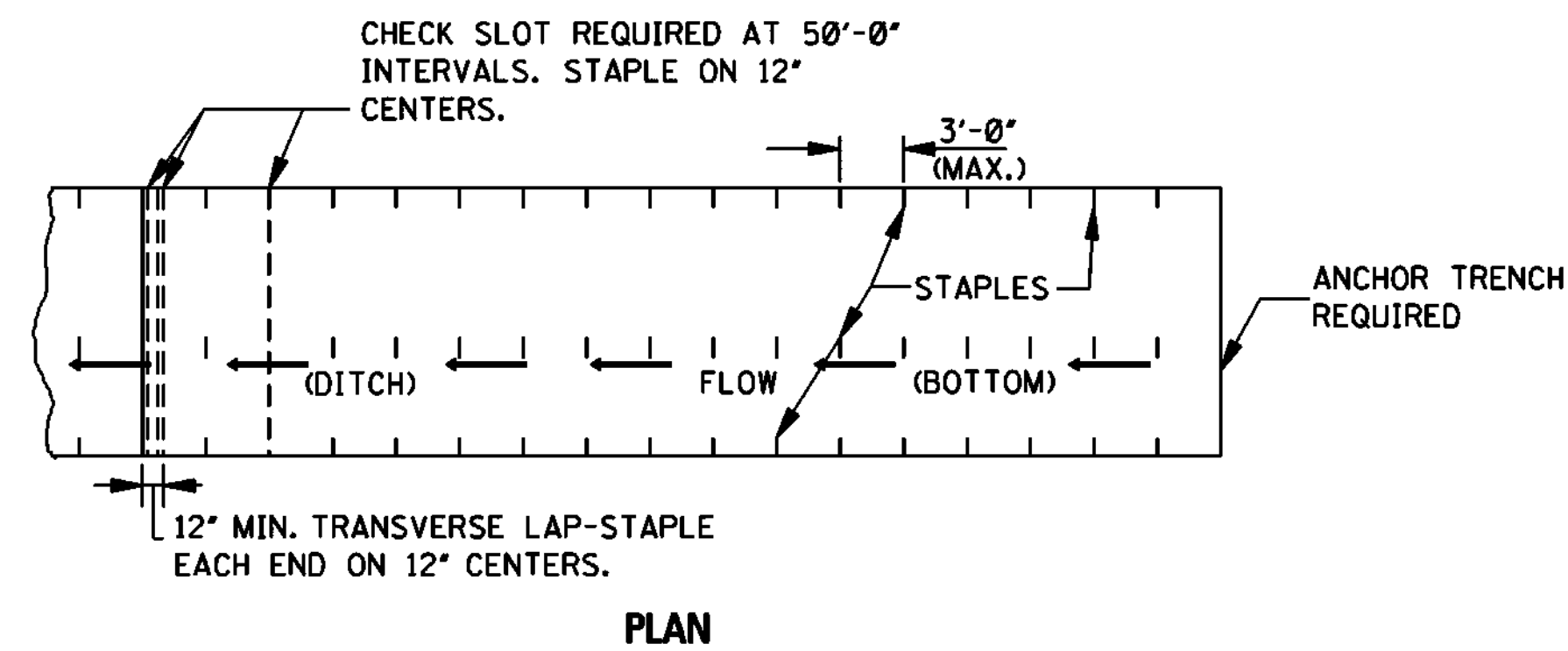
CONCRETE PAVED DITCH

- NOTES:
- CONCRETE PAVED DITCHES SHALL BE GROOVED AT 20'-0" INTERVALS. THE GROOVES SHALL BE CUT TO A DEPTH OF NOT LESS THAN 1".
 - DIMENSIONS D & W ARE AS FOLLOWS:
D(MINIMUM) = 6"
D(NOMINAL) = 9"
W(MINIMUM) = 24"
 - CHAIR SUPPORTS FOR THE WIRE MESH WILL NOT BE REQUIRED. HOWEVER, THE CONTRACTOR SHALL PLACE THE WIRE MESH IN A SATISFACTORY AND WORKMANLIKE MANNER TO ENSURE THAT THE FINAL POSITION IS REASONABLY NEAR THE POSITION INDICATED.
 - *4. CENTER ROW OF STAPLES MAY BE OMITTED ON DITCH LINER.



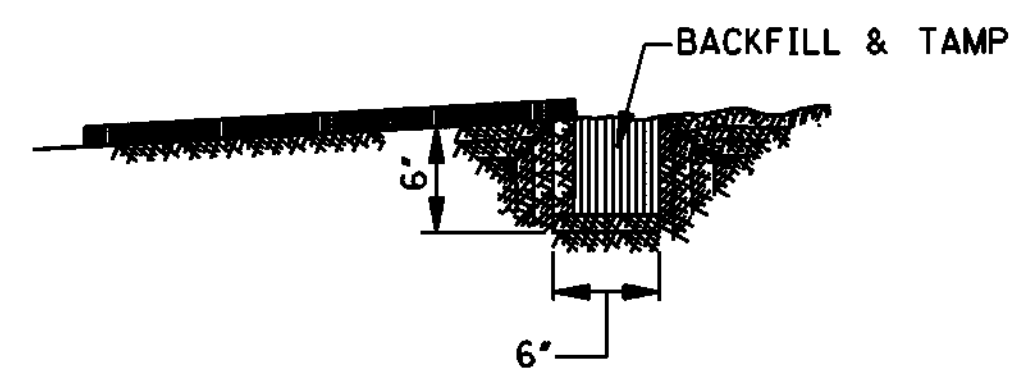
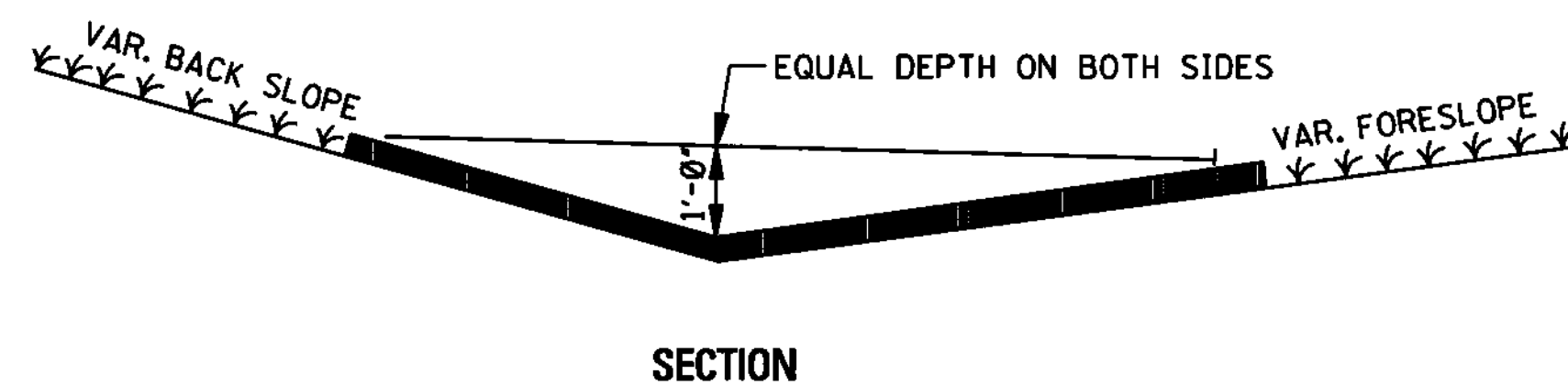
ANCHOR TRENCH DETAIL

NOTE: ANCHOR TRENCH REQUIRED AT THE BEGINNING AND ENDING OF EACH AREA TO BE COVERED, EXCEPT DOWNSTREAM END ADJOINING A STRUCTURE.



DITCH LINER TREATMENT (EXCELSIOR BLANKET, JUTE MESH OR EROSION CONTROL FABRIC)

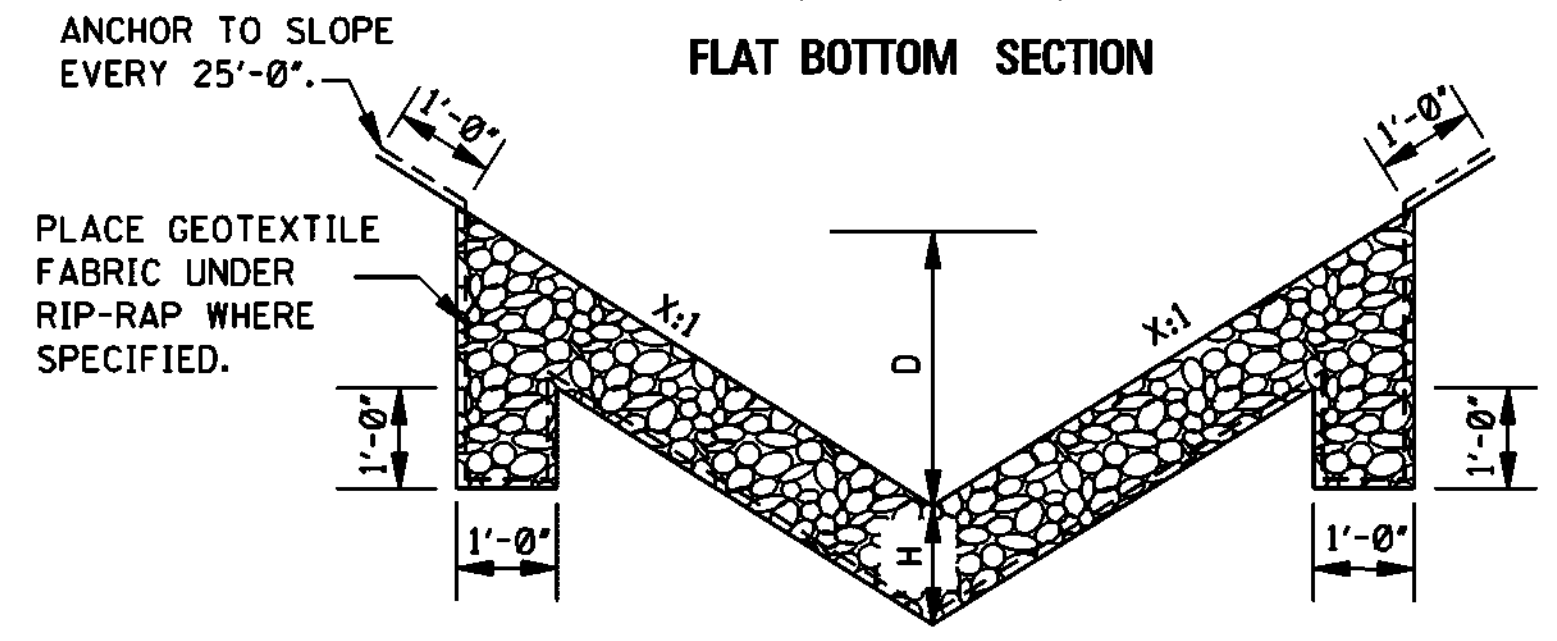
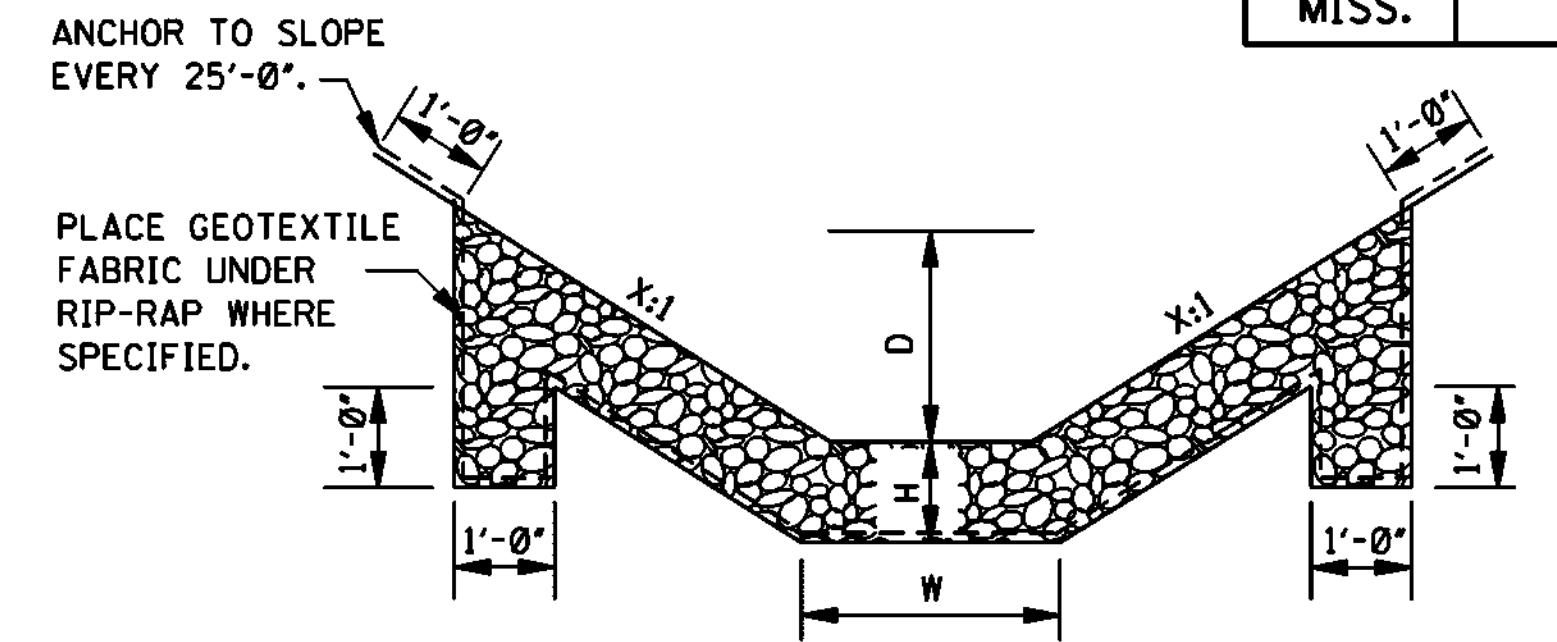
NOTE: DITCHES TREATED WITH DITCH LINER WILL BE VEGETATED PRIOR TO TREATMENT, UNLESS OTHERWISE INDICATED.



SLOT DETAIL

BITUMINOUS TREATED ROVING

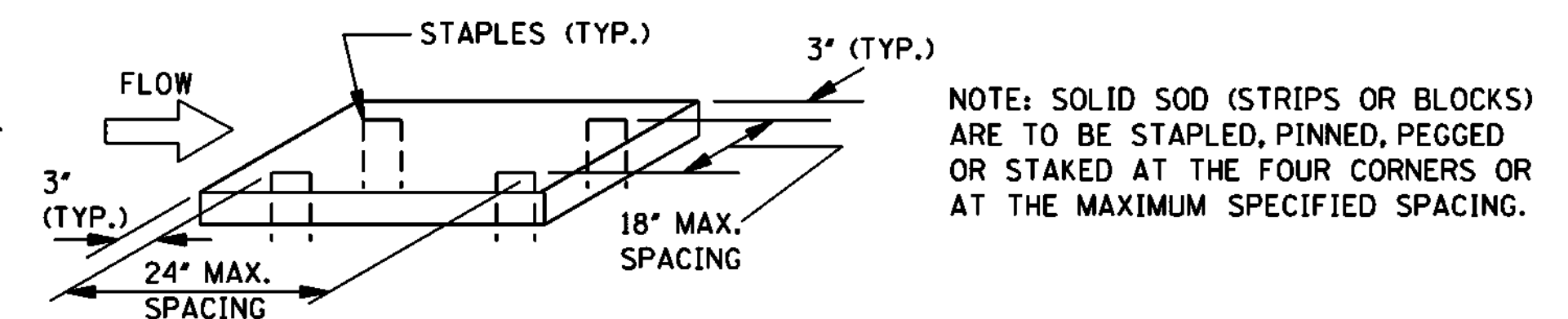
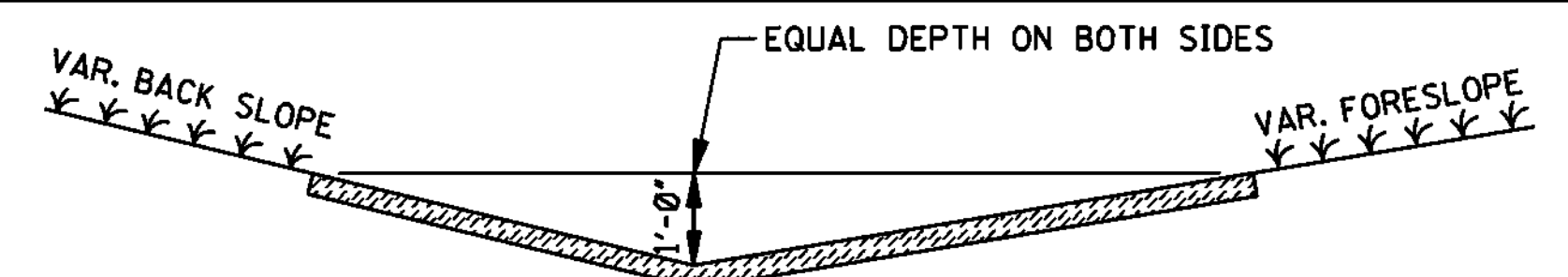
NOTE: UPGRADE AND DOWNGRADE ENDS OF THE BITUMINOUS TREATED ROVING SHALL BE BURIED IN A 6" MINIMUM VERTICAL SLOT AND THE SOIL TAMPED FIRMLY AGAINST IT.



RIP-RAP TREATMENT

- NOTES:
- DIMENSIONS D, W AND X ARE VARIABLE AND ARE SHOWN ELSEWHERE ON THE PLANS.
 - THE RIP-RAP SIZE AND MINIMUM DEPTH "H" FOR RIP-RAP TREATMENT ARE AS FOLLOWS.

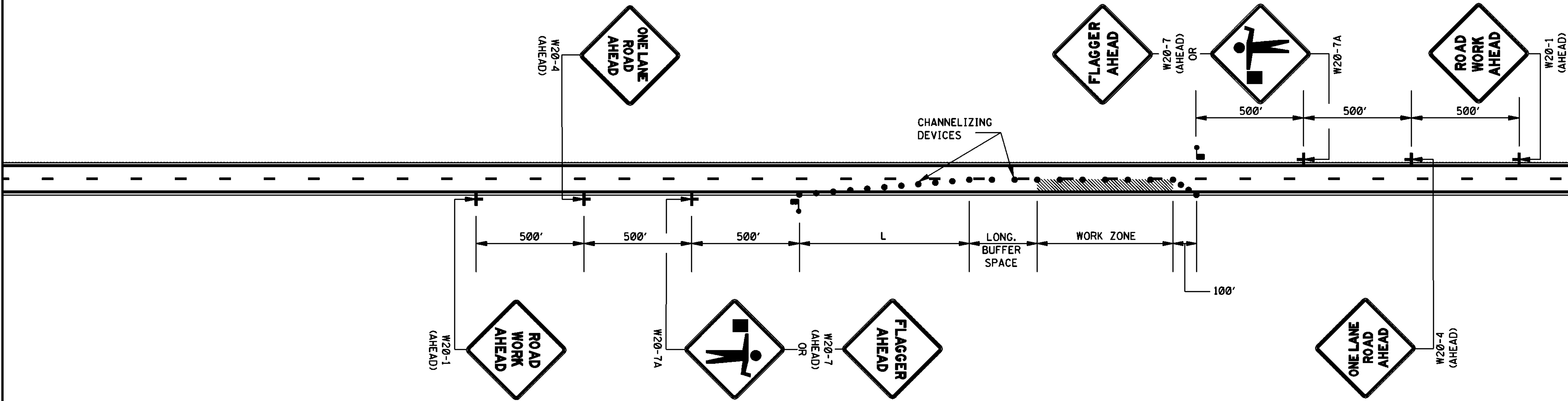
RIP-RAP SIZE & MINIMUM DEPTH "H"	
H (in)	RIP-RAP SIZE (lbs)
12"	100
18"	300



- GENERAL NOTE:
- FOR LOCATION OF APPROPRIATE DITCH TREATMENTS, SEE PLAN SHEETS AS DENOTED BY THE FOLLOWING LEGEND OR AS DIRECTED BY THE ENGINEER:

- DITCH LINER
- BITUMINOUS TREATED ROVING
- SOLID SOD
- CONCRETE PAVED DITCH
- RIP-RAP

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LEGEND

- FLAGGER
- CHANNELIZING DEVICES

GENERAL NOTES:

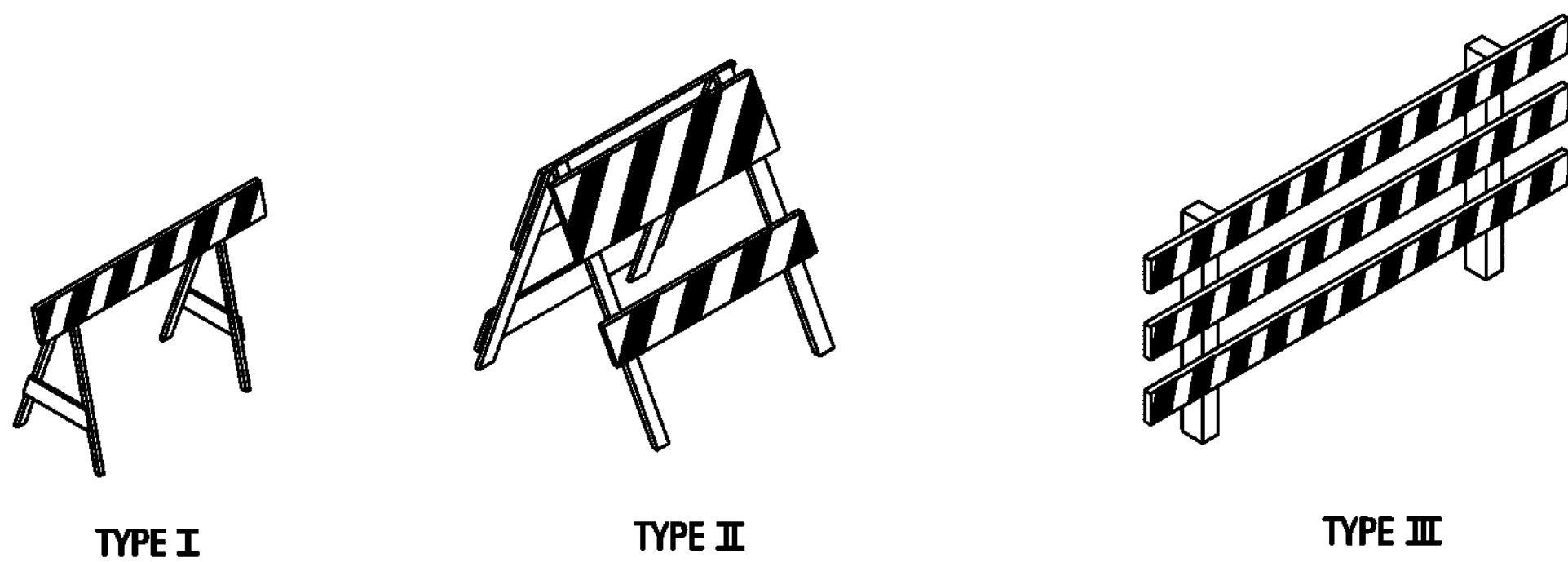
1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE:

POSTED SPEED AND/OR DESIGN SPEED	MAXIMUM CHANNELIZING DEVICE SPACING (ft†)		MINIMUM LONGITUDINAL BUFFER SPACE (ft†)	TAPER † RATES
	TAPER	ALONG LANE LINE & WORK ZONE		
mph				
≤40	40	80	170	27:1
45	45	90	220	45:1
50	50	100	280	50:1
55	55	110	335	55:1
60	60	120	415	60:1
65	65	130	485	65:1
70	70	140	575	70:1

† NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:
L = WS FOR SPEEDS OF 45 mph OR GREATER
L = WS²/60 FOR SPEEDS OF 40 mph OR LESS
WHERE: L = MINIMUM LENGTH OF TAPER IN FEET
W = WIDTH OF OFFSET (USUALLY LANE WIDTH) IN FEET
S = DESIGN SPEED OR 85TH PERCENTILE SPEED IN MILES PER HOUR

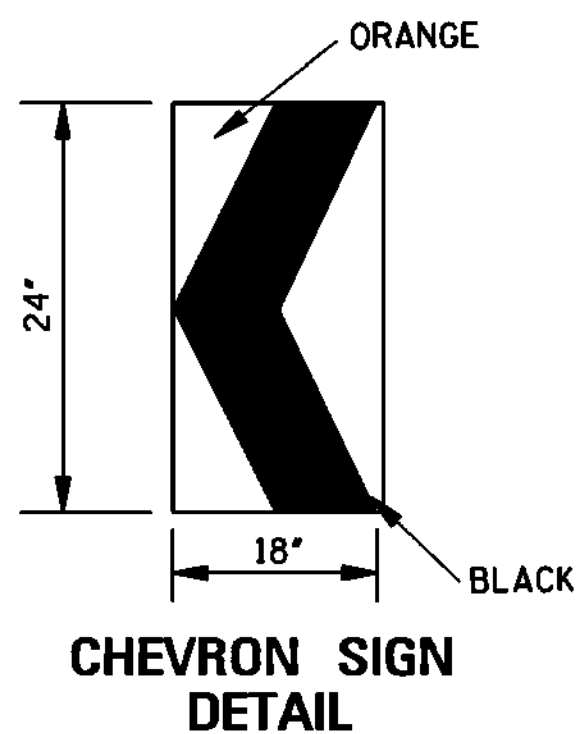
- ALL CHANNELIZING DEVICES SHALL BE A MINIMUM OF 24" IN HEIGHT.
- ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.
- DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 48" x 48".
- WHEN THERE IS NO EXISTING HAZARD OR AT THE END OF THE WORK DAY, ALL SIGNS SHALL BE COVERED OR REMOVED AND ALL CHANNELIZING DEVICES SHALL BE MOVED TO THE SHOULDER EDGE.
- WHERE THE WORK ZONE IS STATIONARY, THE W20-7 (500 FT.) SIGN OR THE W20-7A SIGN TOGETHER WITH THE W20-7 (500 FT.) SUPPLEMENTAL PLATE SHOULD BE USED TO INDICATE THE DISTANCE TO THE FLAGGER.

				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN
				REVISION	
				DATE	ISSUE DATE: OCTOBER 1, 1998
					MISSISSIPPI DEPARTMENT OF TRANSPORTATION WORKING NUMBER TCP-1 SHEET NUMBER 6250

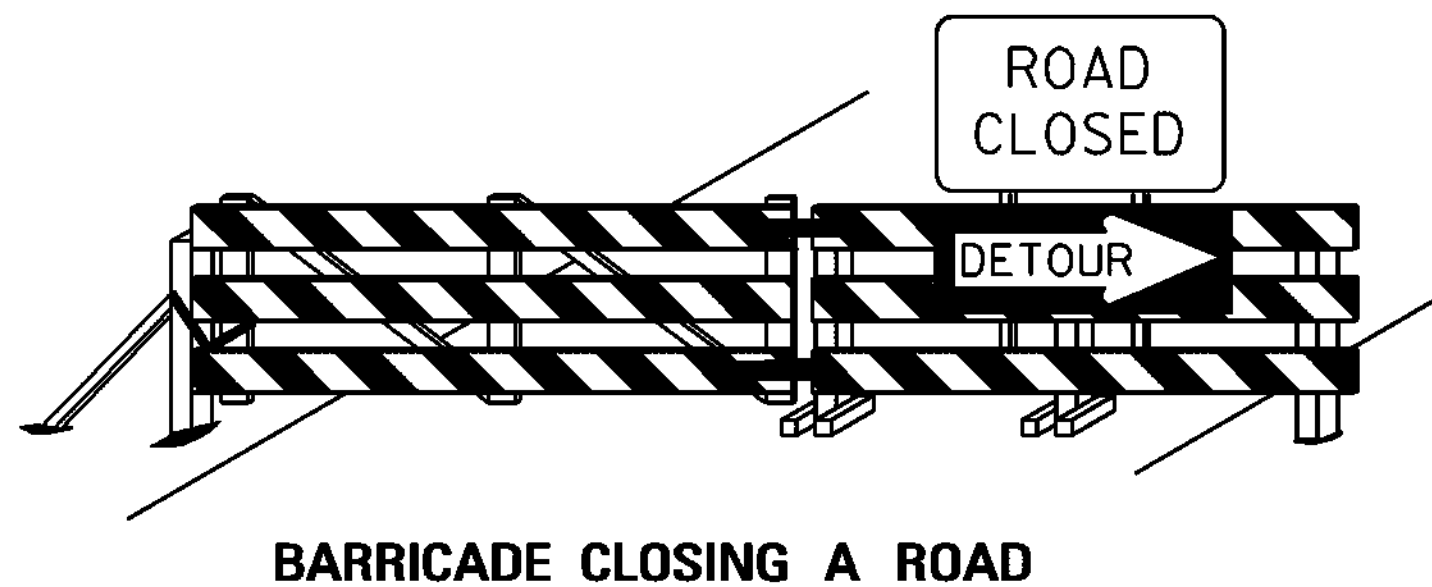


STANDARD BARRICADES

1. A TYPE I BARRICADE CONSISTS OF ONE (1) HORIZONTAL RAIL SUPPORTED BY A DEMOUNTABLE FRAME OR A LIGHT "A" FRAME. A TYPE I BARRICADE NORMALLY WOULD BE USED ON CONVENTIONAL ROADS OR URBAN STREETS AND ARTERIALS.
2. A TYPE II BARRICADE CONSISTS OF TWO (2) HORIZONTAL RAILS ON A LIGHT "A" FRAME. TYPE II BARRICADES ARE INTENDED FOR USE ON EXPRESSWAYS AND FREEWAYS AND OTHER HIGH-SPEED ROADWAYS.
3. TYPE I AND TYPE II BARRICADES ARE INTENDED FOR USE WHERE THE HAZARD IS RELATIVELY SMALL AS, FOR EXAMPLE, ON CITY STREETS, OR FOR THE MORE OR LESS CONTINUOUS DELIMITING OF A RESTRICTED ROADWAY, OR FOR TEMPORARY DAYTIME USE.
4. A TYPE III BARRICADE CONSISTS OF THREE (3) HORIZONTAL RAILS SUPPORTED BY FIXED POSTS, A RIGID SKID, A HEAVY DEMOUNTABLE FRAME OR A HEAVY, HINGED "A" FRAME.
5. TYPE III BARRICADES ARE INTENDED FOR USE ON CONSTRUCTION AND MAINTENANCE PROJECTS AS WING BARRICADES AND AT ROAD CLOSURES, WHERE THEY MUST REMAIN IN PLACE FOR EXTENDED PERIODS.
6. THE MARKING FOR BARRICADE RAILS SHALL BE ORANGE AND WHITE (SLOPING DOWNWARD AT AN ANGLE OF 45° IN THE DIRECTION TRAFFIC IS TO PASS).
7. DO NOT PLACE SANDBAGS OR OTHER DEVICES TO PROVIDE MASS ON THE BOTTOM RAIL THAT WILL BLOCK VIEW OR RAIL FACE.
8. FOR ADDITIONAL INFORMATION OR DETAILS, SEE MUTCD, LATEST EDITION.



1. A CHEVRON SIGN CONSISTS OF A BLACK CHEVRON TYPE MARKING ON AN ORANGE BACKGROUND AND SHALL POINT IN THE DIRECTION OF TRAFFIC FLOW.
2. THE CHEVRON SIGN SHALL BE MOUNTED ON FIXED POST OR RIGID SKID.
3. CHEVRON SIGNS MAY BE USED TO SUPPLEMENT OTHER STANDARD DEVICES WHERE ONE OR MORE LANES ARE CLOSED FOR CONSTRUCTION OR MAINTENANCE. THEY SHALL BE PLACED APPROXIMATELY 2'-0" BEHIND THE LANE TRANSITION STRIPE.

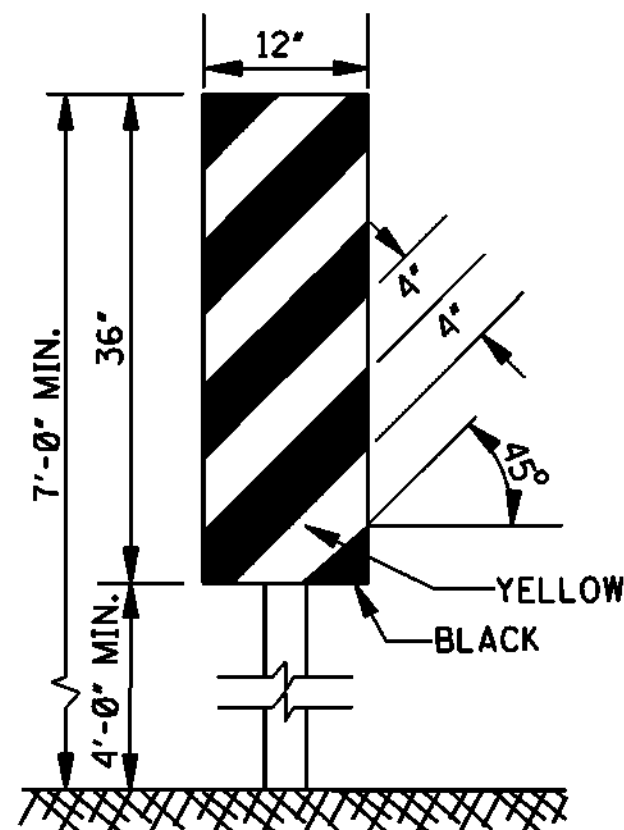


BARRICADE CLOSING A ROAD

BARRICADE CHARACTERISTICS

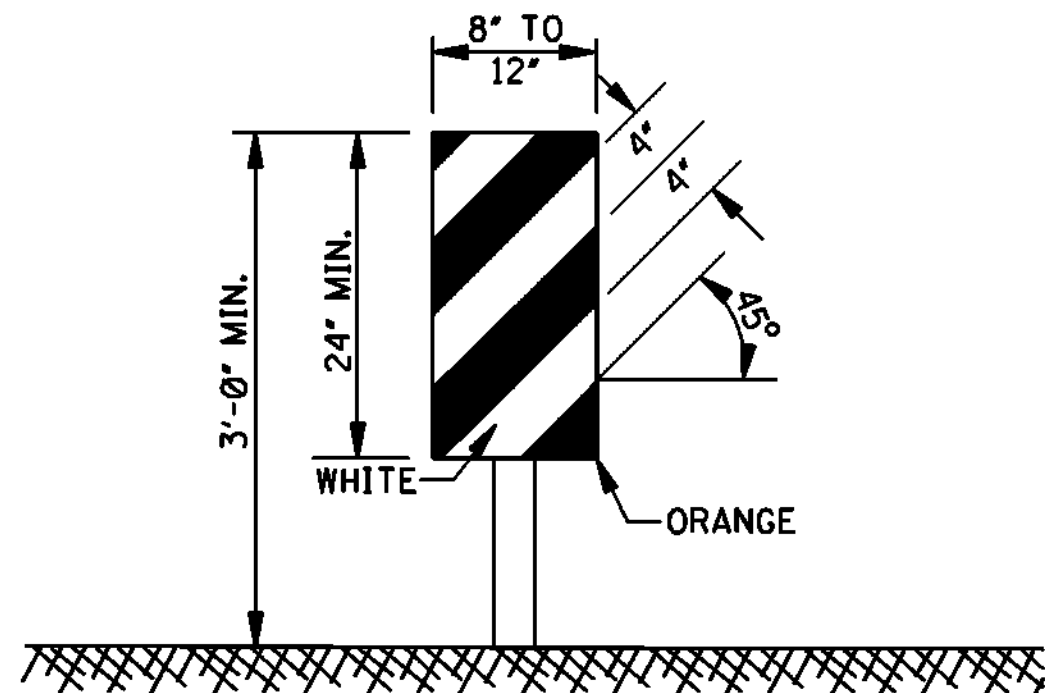
	I	II	III
WIDTH OF RAIL **	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.
LENGTH OF RAIL **	24" MIN.	24" MIN.	48" MIN.
WIDTH OF STRIPE *	6"	6"	6"
HEIGHT	36" MIN.	36" MIN.	60" MIN.
NUMBER OF REFLECTORIZED RAIL FACES	2 (ONE EACH DIRECTION)	4 (TWO EACH DIRECTION)	3 IF FACING TRAFFIC IN ONE DIRECTION 6 IF FACING TRAFFIC IN TWO DIRECTIONS
TYPE OF FRAME	LIGHT	LIGHT "A" FRAME	POST OR SKID

- * 1. FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED.
- ** 2. BARRICADES INTENDED FOR USE ON EXPRESSWAYS, FREEWAYS AND OTHER HIGH SPEED ROADWAYS, SHALL HAVE A MINIMUM OF 270 in² OF REFLECTIVE AREA FACING TRAFFIC.



TYPE 3 OBJECT MARKER (OM-3R)

1. TYPE 3 OBJECT MARKERS SHALL BE USED AT ALL EXPOSED BRIDGE ABUTMENTS AND AT OTHER LOCATIONS AS DEEMED NECESSARY BY THE ENGINEER.
2. THE OM-3R IS SHOWN. THE OM-3L IS SIMILAR EXCEPT THE STRIPES SLOPE DOWNWARD FROM THE UPPER LEFT SIDE TO THE LOWER RIGHT SIDE AND SHALL BE PLACED ON THE LEFT SIDE OF THE OBJECT.
3. THE INSIDE EDGE OF THE MARKER SHALL BE IN LINE WITH THE INNER EDGE OF THE OBSTRUCTION.



VERTICAL PANEL

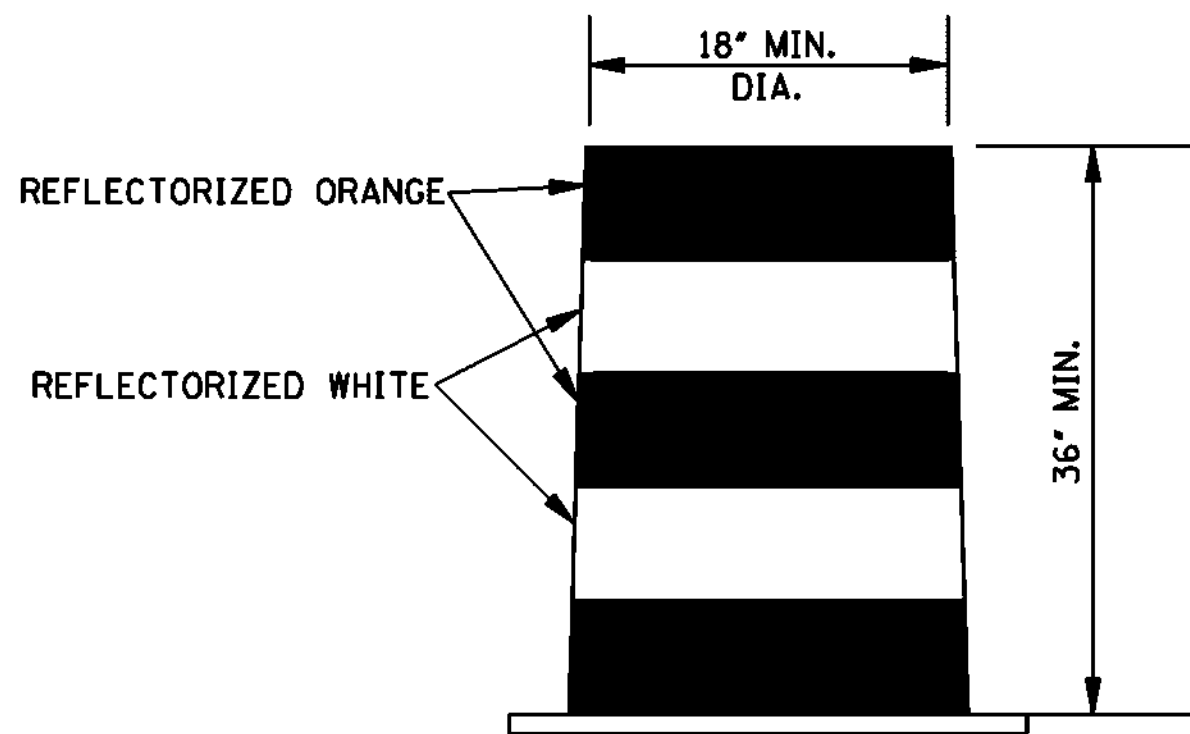
1. VERTICAL PANELS CONSIST OF AT LEAST ONE PANEL 8" TO 12" IN WIDTH AND A MINIMUM OF 24" IN HEIGHT.
2. THE DIAGONAL STRIPES SHALL SLOPE DOWNWARD IN THE DIRECTION THAT TRAFFIC IS TO PASS THE PANEL. THE PANELS SHALL BE MOUNTED WITH THE TOP A MINIMUM OF 36" ABOVE THE ROADWAY ON A SINGLE LIGHTMASS POST.
3. VERTICAL PANELS USED ON EXPRESSWAYS, FREEWAYS AND OTHER HIGH-SPEED ROADWAYS SHALL HAVE A MINIMUM OF 270 in² OF RETROREFLECTIVE AREA FACING TRAFFIC.
4. FOR TWO-WAY TRAFFIC OPERATIONS, BACK-TO-BACK PANELS SHALL BE USED.

GENERAL NOTES:

1. MARKINGS ON ALL DEVICES SHOWN ON THIS SHEET SHALL BE HIGH INTENSITY REFLECTIVE SHEETING.
2. THE TRAFFIC CONTROL PLAN WILL LIST THE VARIOUS TRAFFIC CONTROL DEVICES REQUIRED FOR EACH PROJECT.

WING BARRICADES

1. WING BARRICADES ARE TYPE III BARRICADES ERECTED ON THE SHOULDER ON ONE OR BOTH SIDES OF THE PAVEMENT TO GIVE THE SENSATION OF A NARROWING OR RESTRICTED ROADWAY. WING BARRICADES MAY BE USED AS A MOUNTING FOR THE ADVANCE WARNING SIGNS OR FLASHERS.
2. WING BARRICADES SHOULD BE USED:
 - A. IN ADVANCE OF A CONSTRUCTION PROJECT EVEN WHEN NO PART OF THE ROADWAY IS ACTUALLY CLOSED.
 - B. IN ADVANCE OF ALL BRIDGE OR CULVERT WIDENING OPERATIONS.



PLASTIC DRUM STRIPING DETAIL

1. PLASTIC DRUMS SHALL BE ON END AND USED AS AN EXPEDIENT METHOD FOR TRAFFIC CHANNELIZATION. THE COLOR AND MARKING OF DRUMS SHALL BE CONSISTENT WITH MARKING STANDARDS FOR BARRICADE. THE PREDOMINANT COLOR ON DRUMS SHALL BE ORANGE WITH FOUR (4) REFLECTORIZED, HORIZONTAL, CIRCUMFERENTIAL STRIPES (2 ORANGE & 2 WHITE) 6" WIDE.
2. DRUMS SHOULD NEVER BE PLACED IN THE ROADWAY WITHOUT WARNING SIGNS.
3. WHERE PRACTICAL PLASTIC DRUMS SHALL BE PLACED NO CLOSER THAN 3'-0" FROM THE EDGE OF TRAVELED LANE.

		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
		REVISION		HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	
		DATE			
		ISSUE DATE: _____		OCTOBER 1, 1998	
				WORKING NUMBER TCP-10	
				SHEET NUMBER 6259	

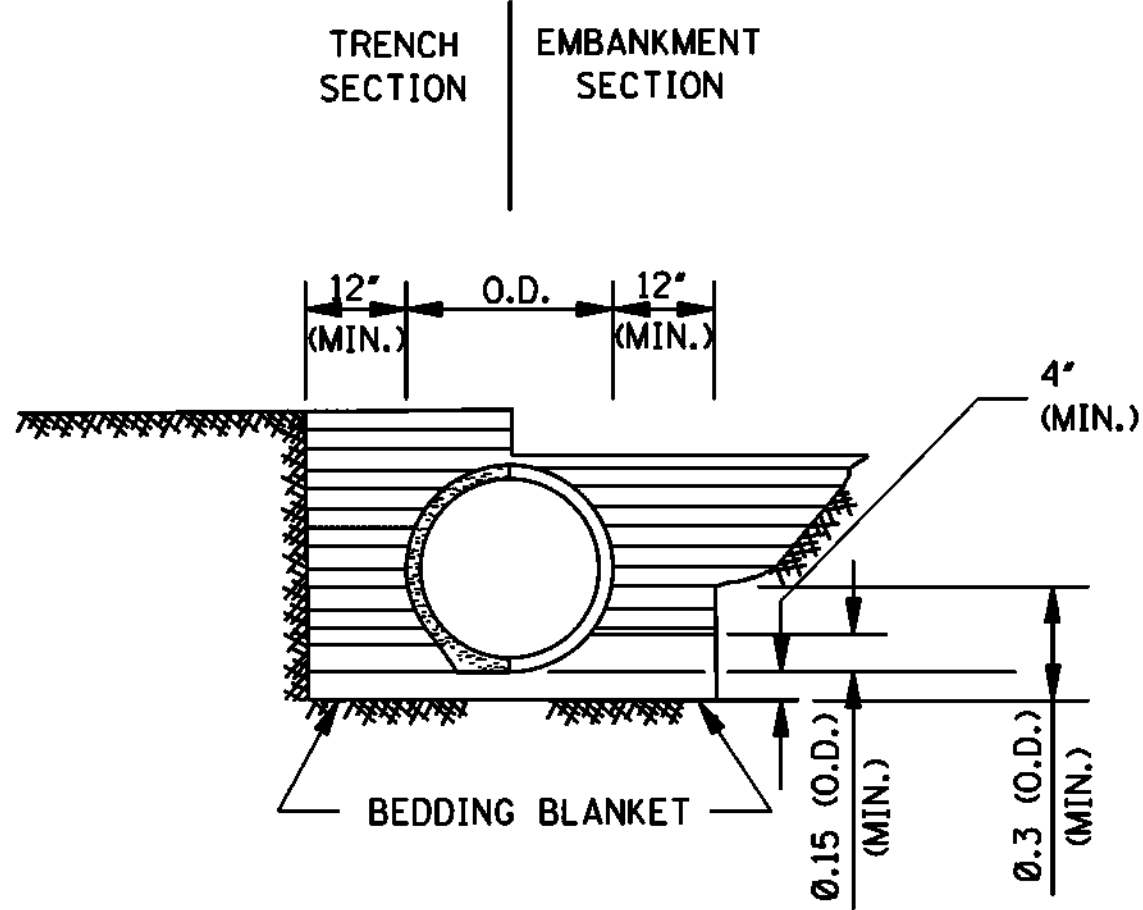
CORRUGATED STEEL AND ALUMINUM PIPE (ROUND) H-20 LOADING						
PIPE DIAMETER (in)	MINIMUM COVER FROM TOP OF PIPE TO TOP OF SUBGRADE (in)	MAXIMUM FILL HEIGHT ABOVE TOP OF PIPE (ft)				
		SHEET THICKNESS (in)				
		0.064 STEEL 0.060 ALUM. 16 GAGE	0.079 STEEL 0.075 ALUM. 14 GAGE	0.109 STEEL 0.105 ALUM. 12 GAGE	0.138 STEEL 0.135 ALUM. 10 GAGE	0.168 STEEL 0.164 ALUM. 8 GAGE
		2 3/4" X 1/2" CORRUGATED STEEL / RIVETED, WELDED OR HELICAL	3" X 1" OR 5" X 1" CORRUGATED STEEL / RIVETED, WELDED, HELICAL OR BOLTED	2 3/4" X 1/2" CORRUGATED ALUMINUM RIVETED OR HELICAL		
12"	12"	84' / - / 45'	91' / - / 45'	- / - / 78'	- / - / 81'	- / - / 84'
15"	12"	67' / - / -	73' / - / -	- / - / -	- / - / -	- / - / -
18"	12"	56' / - / 30'	61' / - / 30'	- / - / 52'	- / - / 54'	- / - / 56'
24"	12"	42' / - / 22'	46' / - / 22'	59' / - / 39'	- / - / 41'	- / - / 42'
30"	12"	34' / - / 18'	36' / - / 18'	47' / - / 31'	- / - / 32'	- / - / 34'
36"	12"	28' / 48' / 15'	30' / 60' / 15'	39' / 78' / 26'	41' / 89' / 27'	- / 101' / 28'
42"	12"	31' / 41' / -	43' / 51' / 26'	46' / 64' / 43'	48' / 71' / 43'	50' / 79' / 44'
48"	12"	27' / 36' / -	37' / 45' / -	45' / 57' / 40'	46' / 61' / 41'	47' / 66' / 43'
54"	12"	- / 32' / -	33' / 40' / -	43' / 52' / 35'	44' / 55' / 37'	45' / 59' / 38'
60"	12"	- / 29' / -	- / 36' / -	43' / 49' / -	43' / 51' / 33'	44' / 54' / 34'
66"	12"	- / 26' / -	- / 33' / -	42' / 47' / -	43' / 49' / 30'	43' / 51' / 31'
72"	12"	- / 24' / -	- / 30' / -	- / 44' / -	41' / 47' / -	43' / 49' / 29'
78"	12"	- / 22' / -	- / 28' / -	- / 41' / -	- / 46' / -	39' / 47' / -
84"	12"	- / 21' / -	- / 26' / -	- / 38' / -	- / 45' / -	35' / 46' / -
90"	12"	- / 19' / -	- / 24' / -	- / 35' / -	- / 43' / -	- / 45' / -
96"	12"	- / 18' / -	- / 22' / -	- / 33' / -	- / 40' / -	- / 44' / -
102"	24"	- / 17' / -	- / 21' / -	- / 31' / -	- / 38' / -	- / 42' / -
108"	24"	- / - / -	- / 20' / -	- / 30' / -	- / 35' / -	- / 39' / -
114"	24"	- / - / -	- / 19' / -	- / 28' / -	- / 34' / -	- / 37' / -
120"	24"	- / - / -	- / - / -	- / 27' / -	- / 32' / -	- / 35' / -

NOTE: THE AVERAGE INSIDE DIAMETER SHALL NOT VARY MORE THAN ONE (1) PERCENT OR 1/2", WHICHEVER IS GREATER, FROM THE NOMINAL DIAMETER WHEN MEASURED ON THE INSIDE CREST OF THE CORRUGATIONS (AASHTO M 36/M 36 & AASHTO M 196/M 196).

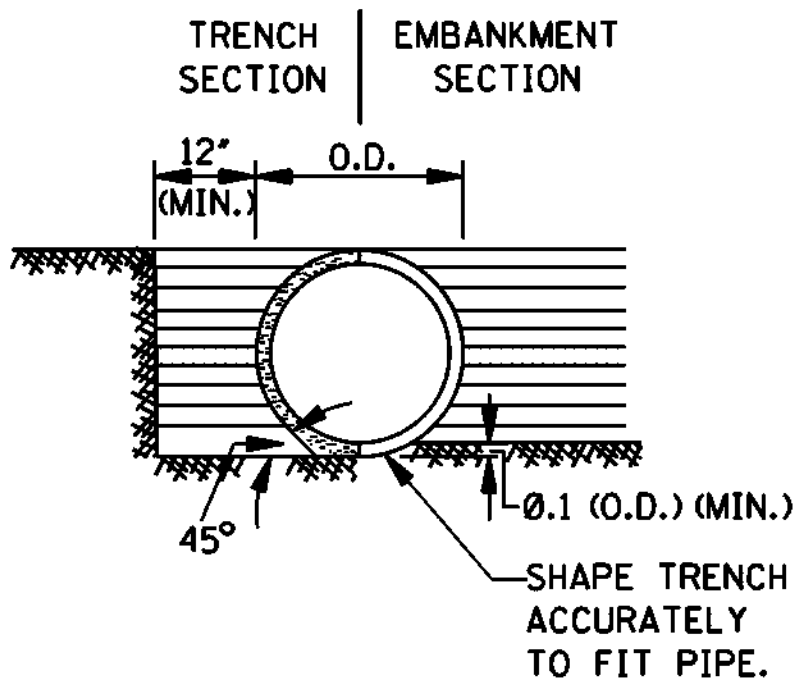
CORRUGATED METAL PIPE ARCHES H-20 LOADING									
EQUIV. DIAMETER (in)	PIPE DIMENSION (SPAN X RISE) (in)	MINIMUM CORNER RADIUS (in)	MINIMUM COVER FROM TOP OF PIPE TO TOP OF SUBGRADE FOR 2 tons/ft ² (in)	STEEL			ALUMINUM		
				MINIMUM THICKNESS REQUIRED (in)	MAXIMUM FILL HEIGHT ABOVE TOP OF PIPE (ft) FOR THE FOLLOWING CORNER BEARING PRESSURE (tons/ft ²)		MINIMUM THICKNESS REQUIRED (in)	MAXIMUM FILL HEIGHT ABOVE TOP OF PIPE (ft) FOR THE FOLLOWING CORNER BEARING PRESSURE (tons/ft ²)	
					2 tons/ft ²	3 tons/ft ²		2 tons/ft ²	3 tons/ft ²
				2 ² / ₃ x 1/2" CORRUGATION RIVETED, WELDED OR HELICAL			2 ² / ₃ x 1/2" CORRUGATION RIVETED OR HELICAL		
15"	17" X 13"	3"	18"	0.064"	13'	15'+	0.060"	15'	-
18"	21" X 15"	3"	18"	0.064"	12'	15'+	0.060"	14'	-
24"	28" X 20"	3"	18"	0.064"	10'	15'	0.060"	10'	15'+
30"	35" X 24"	3"	18"	0.079"	9'	14'	0.060"	9'	14'
36"	42" X 29"	3 ¹ / ₂ "	18"	0.079"	9'	13'	0.075"	9'	13'
42"	49" X 33"	4"	18"	0.079"	8'	12'	0.105"	8'	12'
48"	57" X 38"	5"	18"	0.109"	8'	12'	0.135"	8'	12'
54"	64" X 43"	6"	18"	0.109"	8'	12'	0.135"	8'	12'
60"	71" X 47"	7"	18"	0.138"	8'	12'	0.164"	8'	12'
66"	77" X 52"	8"	18"	0.168"	8'	12'			
72"	83" X 57"	9"	18"	0.168"	9'	13'			
			5" X 1" OR 3" X 1" CORRUGATION RIVETED, WELDED OR HELICAL						
36"	40" X 31"	5"	18"	0.079"	12'	15'+			
42"	46" X 36"	6"	18"	0.079"	12'	15'+			
48"	53" X 41"	7"	18"	0.079"	12'	15'+			
54"	60" X 46"	8"	18"	0.079"	12'	15'+			
60"	66" X 51"	9"	18"	0.079"	12'	15'+			
66"	73" X 55"	12"	18"	0.079"	15'+	-			
72"	81" X 59"	14"	18"	0.079"	15'	-			
78"	87" X 63"	14"	18"	0.079"	14'	15'+			
84"	95" X 67"	16"	18"	0.109"	13'	15'+			
90"	103" X 71"	16"	24"	0.109"	12'	15'+			
96"	112" X 75"	18"	24"	0.109"	11'	15'+			

NOTES:
1. THE AVERAGE INSIDE DIAMETER SHALL NOT VARY MORE THAN ONE (1) PERCENT OR 1/2", WHICHEVER IS GREATER, FROM THE NOMINAL DIAMETER WHEN MEASURED ON THE INSIDE CREST OF THE CORRUGATIONS. (AASHTO M 36/M 36 & AASHTO M 196/M 196).

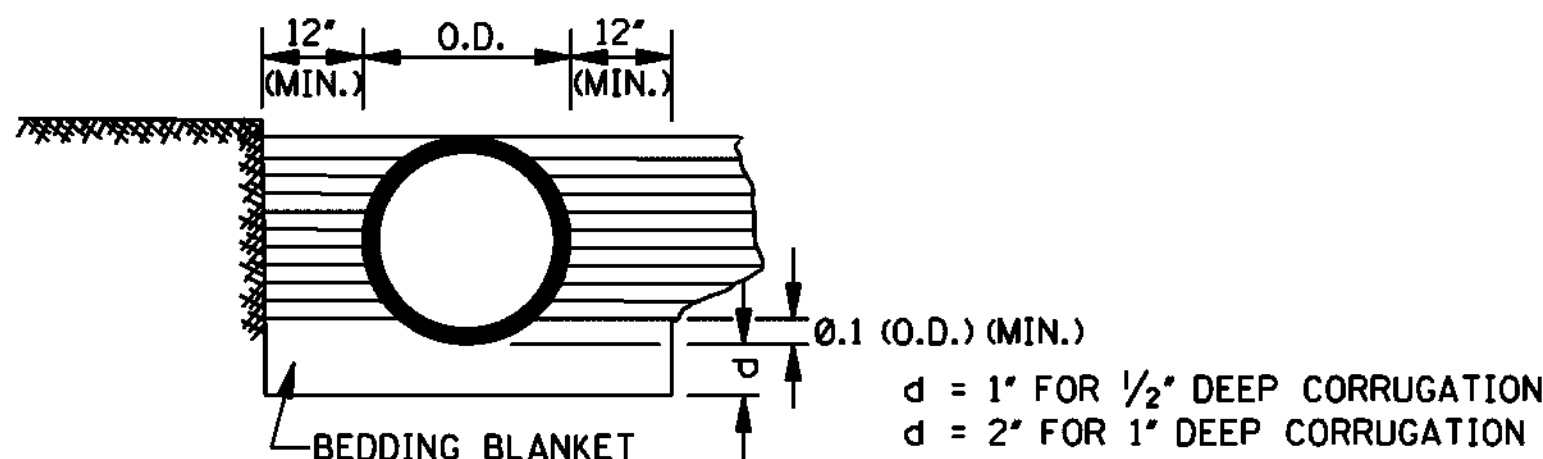
± 2. BEARING PRESSURES EXCEEDING 2 tons/ft² REQUIRED FOR GIVEN FILL HEIGHT SHALL HAVE FOUNDATION MATERIALS INVESTIGATED TO DETERMINE BEARING CAPACITY.



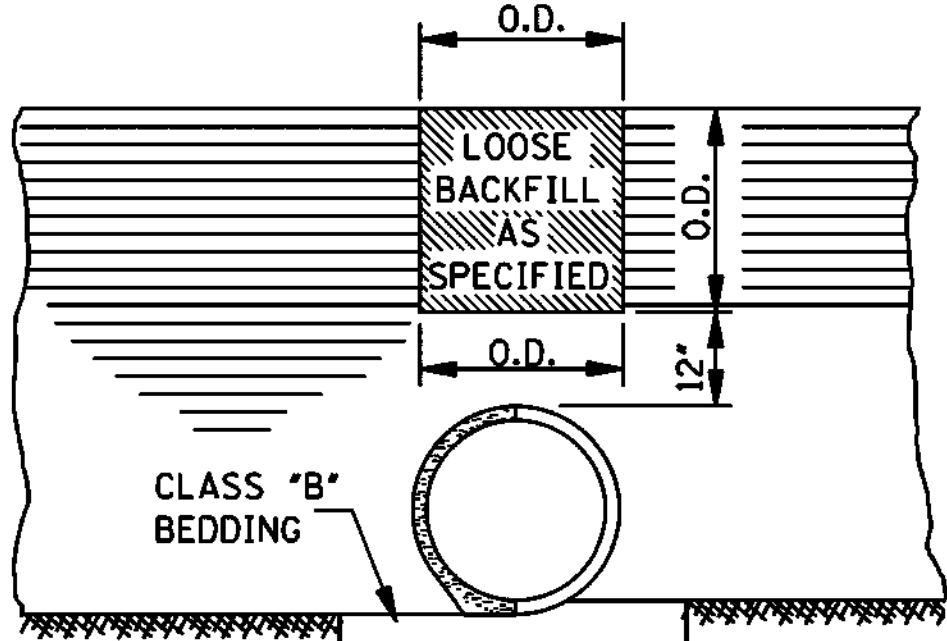
CLASS B



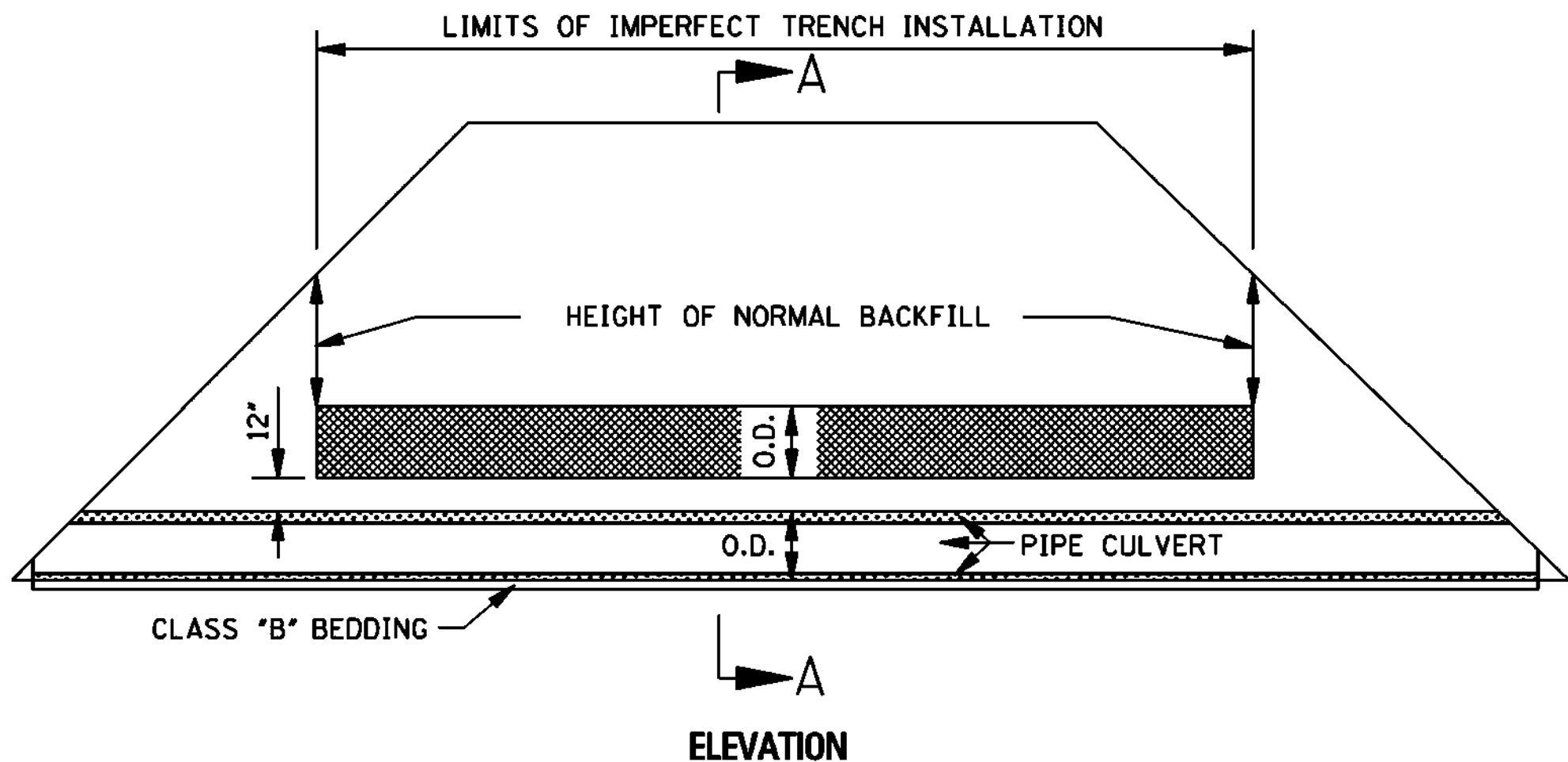
CLASS C



CLASS C MODIFIED



SECTION A-A



IMPERFECT TRENCH INSTALLATION

MAXIMUM HEIGHT OF FILL OVER REINFORCED CONCRETE PIPE			
CLASS OF PIPE	TYPE OF BACKFILL	MAXIMUM COVER (ft)	
		CLASS "C" BEDDING	CLASS "B" BEDDING
III	NORMAL	16'	-
IV	NORMAL	23'	28'
V	NORMAL	30'	36'
IV	IMPERFECT	-	98'
V	IMPERFECT	-	115'

NOTE: CLASS OF PIPE AND BEDDING TO BE CONSISTENT THROUGHOUT THE PIPE LENGTH.

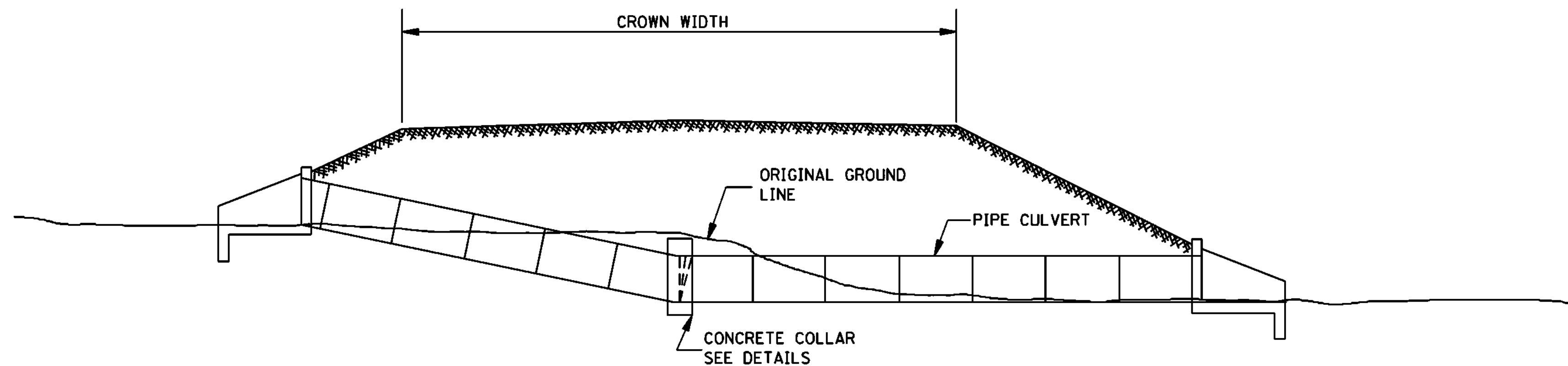
MAXIMUM HEIGHT OF FILL OVER CLASS 2 NONREINFORCED CONCRETE PIPE, PERFORATED AND/OR PLAIN, FOR UNDERDRAINS				
PIPE SIZE (in)	MAXIMUM COVER (ft)			
	BEDDING CLASS "C"/CLASS "B"			PROJECTING POSITIVE p= 0.7; R _{sd} = 0.7
	TRENCH	SAND & GRAVEL	DAMP CLAY	
4"	2.00'	*	*	34'/42'
6"	2.00'	*	*	25'/30'
8"	2.25'	*	16'/*	19'/24'
10"	2.50'	*	12'/20'	16'/19'
12"	2.75'	*	12'/18'	14'/17'

NOTES:
* 1. INDICATES NO LIMIT OF FILL HEIGHT (130 lbs/ft³).
2. TRENCH WIDTH (B_d) NO GREATER THAN 16" PLUS O.D.
3. FACTOR OF SAFETY IS 1.25 ON MINIMUM ULTIMATE STRENGTH.
4. MINIMUM COVER FOR HIGHWAY LOADS IS 18".
5. PERFORATED PIPE SHALL BE TYPE 1.

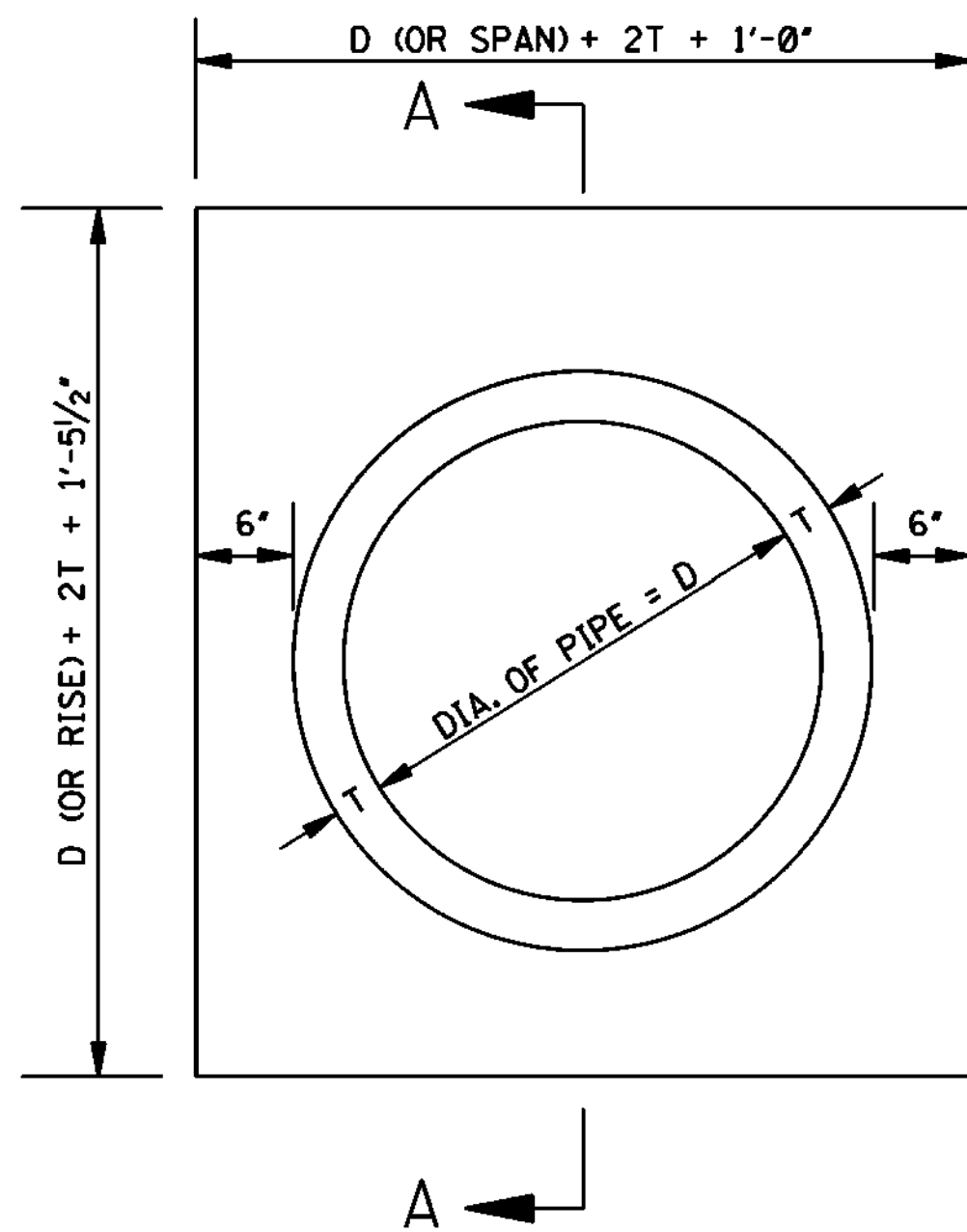
GENERAL NOTES:

1. MINIMUM SPACING BETWEEN MULTIPLE LINES OF PARALLEL PIPE SHALL BE THE DISTANCE REQUIRED FOR INSTALLING THE ADJACENT FLARED END SECTIONS OR AS SHOWN ON THE HEADWALL DRAWINGS FOR CONDUITS REQUIRING HEADWALLS.
2. UNLESS OTHERWISE INDICATED, THE TOP OF THE PIPE SHALL BE BELOW THE TOP OF THE SUBGRADE, AND A MINIMUM OF 12" OF COVER OVER THE TOP OF THE PIPE SHALL BE MAINTAINED BETWEEN THE SHOULDER LINES.
3. WHERE PRE-BED PIPE IS INSTALLED, FLARED END SECTIONS FROM OTHER MANUFACTURERS MAY BE JOINED TO PRE-BED PIPE PROVIDED A CONCRETE COLLAR IS PLACED AT THE CONTRACTORS EXPENSE AND A DEFORMATION TO THE PIPE'S FLOWLINE IS NOT EVIDENT ON FINAL PLACEMENT.

				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN
				REVISION	PIPE CULVERT INSTALLATION
				DATE	ISSUE DATE: <u>OCTOBER 1, 1998</u>
					WORKING NUMBER PI-1 SHEET NUMBER 6300

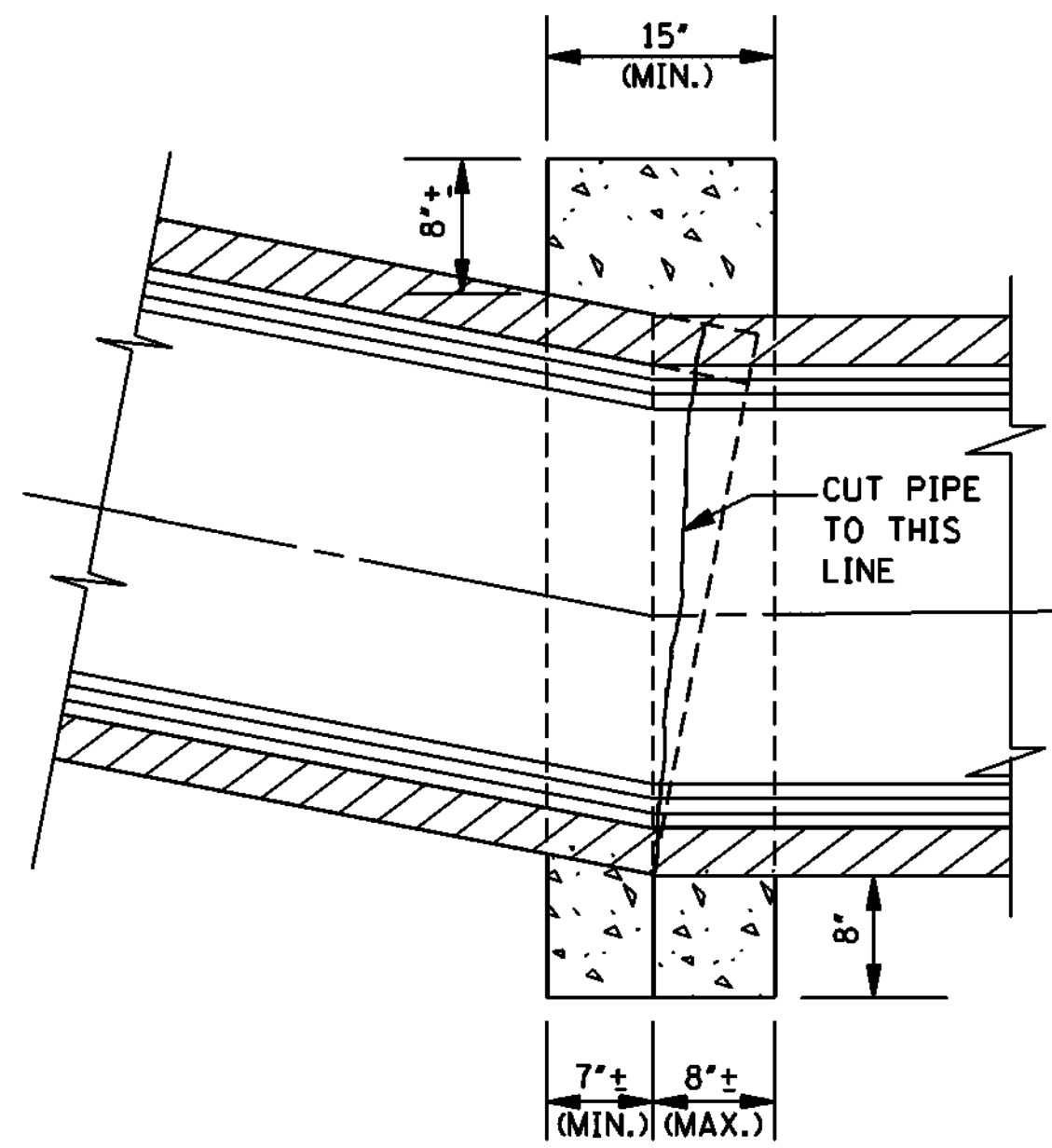


TYPICAL INSTALLATION FOR PIPE CULVERT WITH BROKEN FLOW LINE



ELEVATION OF CONCRETE COLLAR

NOTE: CIRCULAR PIPE IS SHOWN, ARCH PIPE IS SIMILAR.



SECTION A-A

GENERAL NOTE:

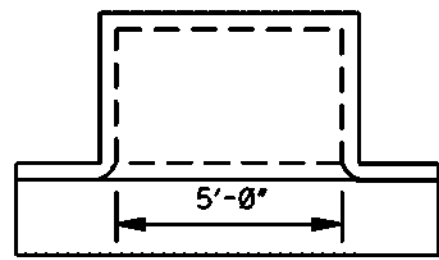
1. THE FOLLOWING QUANTITIES SHALL BE THE BASIS FOR PAYMENT
UNLESS AUTHORIZED MODIFICATIONS ARE MADE:

QUANTITIES FOR CONCRETE COLLAR FOR PIPE CULVERTS			
CIRCULAR PIPE		ARCH PIPE	
DIA. OF PIPE	CLASS "B" CONCRETE (yd ³)	SIZE OF PIPE	CLASS "B" CONCRETE (yd ³)
12"	0.240		
15"	0.260	18 x 11	0.280
18"	0.320	22 x 13	0.310
24"	0.410	29 x 18	0.410
30"	0.510	36 x 23	0.490
36"	0.620	44 x 27	0.600
42"	0.730	51 x 31	0.690
48"	0.850	58 x 36	0.820
54"	0.980	65 x 40	0.920
60"	1.110	73 x 45	1.070
66"	1.248	88 x 54	1.366
72"	1.393		

				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN
				REVISION	CONCRETE PIPE COLLAR
				DATE	ISSUE DATE: <u>OCTOBER 1, 1998</u>
					WORKING NUMBER PC-1
					SHEET NUMBER 6301

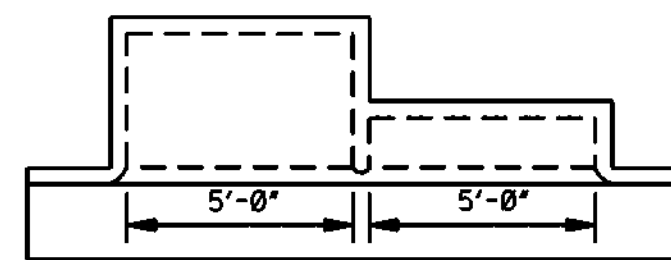
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ENGLISH

NOTES:
1. W AND H ARE EXPRESSED IN DECIMAL FEET.
2. W' = W ROUNDED TO NEAREST WHOLE FOOT.
3. Y = (H-0.5).
4. H' = (H - 2.08) ROUNDED TO NEAREST WHOLE FOOT.
5. NO DEDUCTIONS ARE MADE FOR PIPE OPENINGS IN FORMULAS.



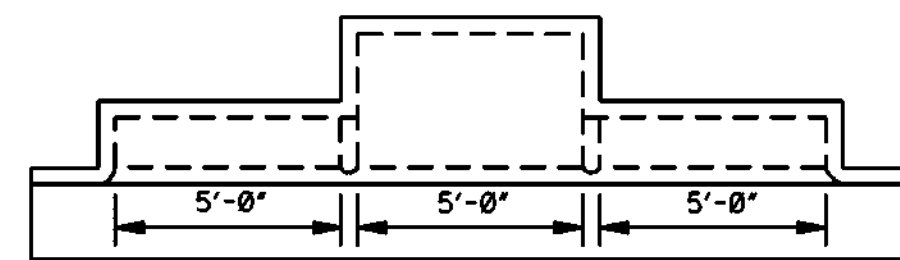
REGULAR INLET

5'-0" INLET
STEEL = $8.68W + 9.35Y + 3.79W' + 7.57H' + 121$
CONC. = $(WY + 5.5W + 6Y + 14.611)/27$



INLET WITH ONE EXTENSION

10'-0" INLET
STEEL = $8.68W + 9.35Y + 3.79W' + 7.57H' + 231$
CONC. = $(WY + 5.5W + 6Y + 38.641)/27$



INLET WITH TWO EXTENSIONS

15'-0" INLET
STEEL = $8.68W + 9.35Y + 3.79W' + 7.57H' + 341$
CONC. = $(WY + 5.5W + 6Y + 62.671)/27$

PLAN OF INLET AND EXTENSIONS

ADD. CONCRETE PER FOOT OF H		ADD. CONCRETE PER FOOT OF W	
W	yd 3/ft	H	yd 3/ft
2'-6"	0.315	3'-6"	0.315
3'-0"	0.333	4'-0"	0.333
3'-6"	0.352	4'-6"	0.352
4'-0"	0.371	5'-0"	0.370
4'-6"	0.389	5'-6"	0.389
5'-0"	0.408	6'-0"	0.408
5'-6"	0.426	6'-6"	0.426
6'-0"	0.445	7'-0"	0.445
6'-6"	0.463	7'-6"	0.463
7'-0"	0.481	8'-0"	0.482
		8'-6"	0.500

QUANTITIES FOR ONE EXTENSION					
BAR	SIZE	LENGTH	SPACING	NUMBER	TWEIGHT
"E"	#4	5'-8"	AS SHOWN	3	11
"G"	#4	SEE SCHEDULE	0'-11"	6	34
"H"	#6	6'-9"	AS SHOWN	5	51
"L"	#6	4'-9"	AS SHOWN	2	14
TOTAL STEEL FOR ONE EXTENSION = 110 lbs					
TOTAL CONCRETE FOR ONE EXTENSION = 0.89 yd ³					

NOTE: WHERE EXTENSION IS USED WITH CONCRETE PAVEMENT, ADD 27 LBS OF STEEL FOR BARS "M".

BAR "G" SCHEDULE	
BAR "G"	LENGTH
"G1"	7'-10"
"G2"	8'-0"
"G3"	8'-2"
"G4"	8'-5"
"G5"	8'-8"
"G6"	8'-10"

W=2'-6"		BILL OF REINFORCING STEEL FOR 1-5'-0" INLET																		
H	BAR "A" L = 4'-2" #4 @ 9"		BAR "C" L = 5'-8" #4 @ 9"		BAR "S" L = 5'-8" #4 @ 12"		BAR "D" L = 5'-8" #4 @ 12"		BAR "F" L=9'-8" #6		BAR "J" L=2'-3" #4		BAR "B" #4 @ 9"		BAR "K" #4 @ 9"		* TOTAL STEEL	TOTAL CONC.		
	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	LGTH.	NO.	lbs	LGTH.	NO.	lbs	yd ³	
3'-6"	6	17	7	27	5	19	5	19	5	73	4	6	3'-10"	7	18	2'-7"	7	12	190	1.99
4'-0"	6	17	7	27	5	19	7	26	5	73	4	6	4'-4"	7	20	3'-1"	7	14	202	2.15
4'-6"	6	17	7	27	5	19	7	26	5	73	4	6	4'-10"	7	23	3'-7"	7	17	207	2.31
5'-0"	6	17	7	27	5	19	9	34	5	73	4	6	5'-4"	7	25	4'-1"	7	19	219	2.47
5'-6"	6	17	7	27	5	19	9	34	5	73	4	6	5'-10"	7	27	4'-7"	7	21	224	2.62
6'-0"	6	17	7	27	5	19	11	42	5	73	4	6	6'-4"	7	30	5'-1"	7	24	238	2.78
6'-6"	6	17	7	27	5	19	11	42	5	73	4	6	6'-10"	7	32	5'-7"	7	26	240	2.94
7'-0"	6	17	7	27	5	19	13	49	5	73	4	6	7'-4"	7	34	6'-1"	7	28	253	3.10
7'-6"	6	17	7	27	5	19	13	49	5	73	4	6	7'-10"	7	37	6'-7"	7	31	257	3.25

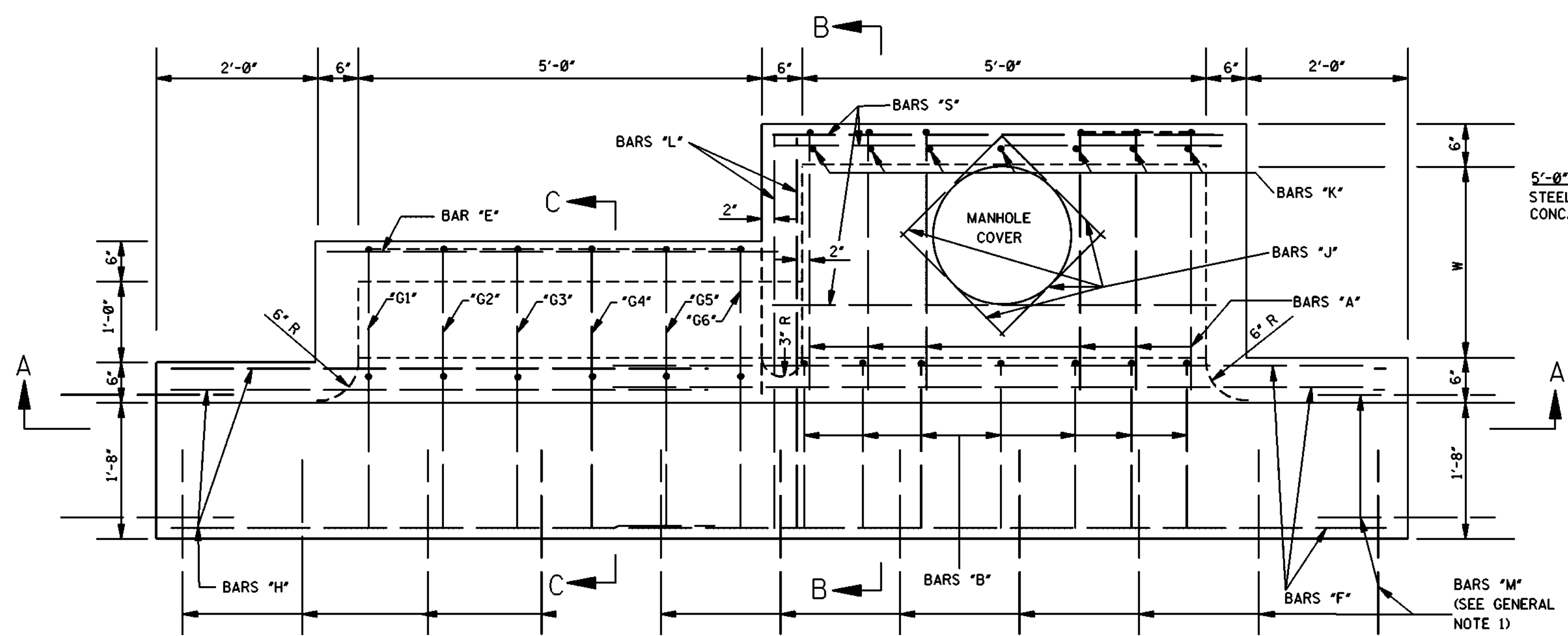
W=3'-0"		BILL OF REINFORCING STEEL FOR 1-5'-0" INLET																* TOTAL STEEL	TOTAL CONC.	
H	BAR "A" L = 4'-8" #4 @ 9"	BAR "C" L = 6'-2" #4 @ 9"	BAR "S" L = 5'-8" #4 @ 12"	BAR "D" L = 5'-8" #4 @ 12 1/2"	BAR "F" L=9'-8" #6	BAR "J" L=2'-3" #4	BAR "B" #4 @ 9"		BAR "K" #4 @ 9 1/2"		* TOTAL		lbs	lbs	yd ³					
	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	LGTH.	NO.	lbs	LGTH.				NO.	lbs			
3'-6"	6	19	7	29	5	19	5	19	5	73	4	6	3'-10"	7	18	2'-7"	7	12	194	2.15
4'-0"	6	19	7	29	5	19	7	26	5	73	4	6	4'-4"	7	20	3'-1"	7	14	206	2.32
4'-6"	6	19	7	29	5	19	7	26	5	73	4	6	4'-10"	7	23	3'-7"	7	17	211	2.49
5'-0"	6	19	7	29	5	19	9	34	5	73	4	6	5'-4"	7	25	4'-1"	7	19	223	2.65
5'-6"	6	19	7	29	5	19	9	34	5	73	4	6	5'-10"	7	27	4'-7"	7	21	228	2.82
6'-0"	6	19	7	29	5	19	11	42	5	73	4	6	6'-4"	7	30	5'-1"	7	24	240	2.99
6'-6"	6	19	7	29	5	19	11	42	5	73	4	6	6'-10"	7	32	5'-7"	7	26	245	3.15
7'-0"	6	19	7	29	5	19	13	49	5	73	4	6	7'-4"	7	34	6'-1"	7	28	257	3.32
7'-6"	6	19	7	29	5	19	13	49	5	73	4	6	7'-10"	7	37	6'-7"	7	31	262	3.49

W=3'-6"			BILL OF REINFORCING STEEL FOR 1-5'-0" INLET																	
H	BAR "A" L = 5'-2" #4 @ 9"		BAR "C" L = 6'-8" #4 @ 9"		BAR "S" L = 5'-8" #4 @ 12"		BAR "D" L = 5'-8" #4 @ 12 1/2"		BAR "F" L = 9'-8" #6		BAR "J" L = 2'-3" #4		BAR "B" #4 @ 9"		BAR "K" #4 @ 9 1/2"		* TOTAL STEEL	TOTAL CONC.		
	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	NO.	lbs	LGTH.	NO.	lbs	LGTH.	NO.	lbs	yd ³	
3'-6"	6	21	7	31	5	19	6	23	5	73	4	6	3'-10"	7	18	2'-7"	7	12	202	2.31
4'-0"	6	21	7	31	5	19	8	30	5	73	4	6	4'-4"	7	20	3'-1"	7	14	214	2.49
4'-6"	6	21	7	31	5	19	8	30	5	73	4	6	4'-10"	7	23	3'-7"	7	17	219	2.66
5'-0"	6	21	7	31	5	19	10	38	5	73	4	6	5'-4"	7	25	4'-1"	7	19	231	2.84
5'-6"	6	21	7	31	5	19	10	38	5	73	4	6	5'-10"	7	27	4'-7"	7	21	236	3.01
6'-0"	6	21	7	31	5	19	12	45	5	73	4	6	6'-4"	7	30	5'-1"	7	24	248	3.19
6'-6"	6	21	7	31	5	19	12	45	5	73	4	6	6'-10"	7	32	5'-7"	7	26	253	3.37
7'-0"	6	21	7	31	5	19	14	53	5	73	4	6	7'-4"	7	34	6'-1"	7	28	265	3.54
7'-6"	6	21	7	31	5	19	14	53	5	73	4	6	7'-10"	7	37	6'-7"	7	31	270	3.72

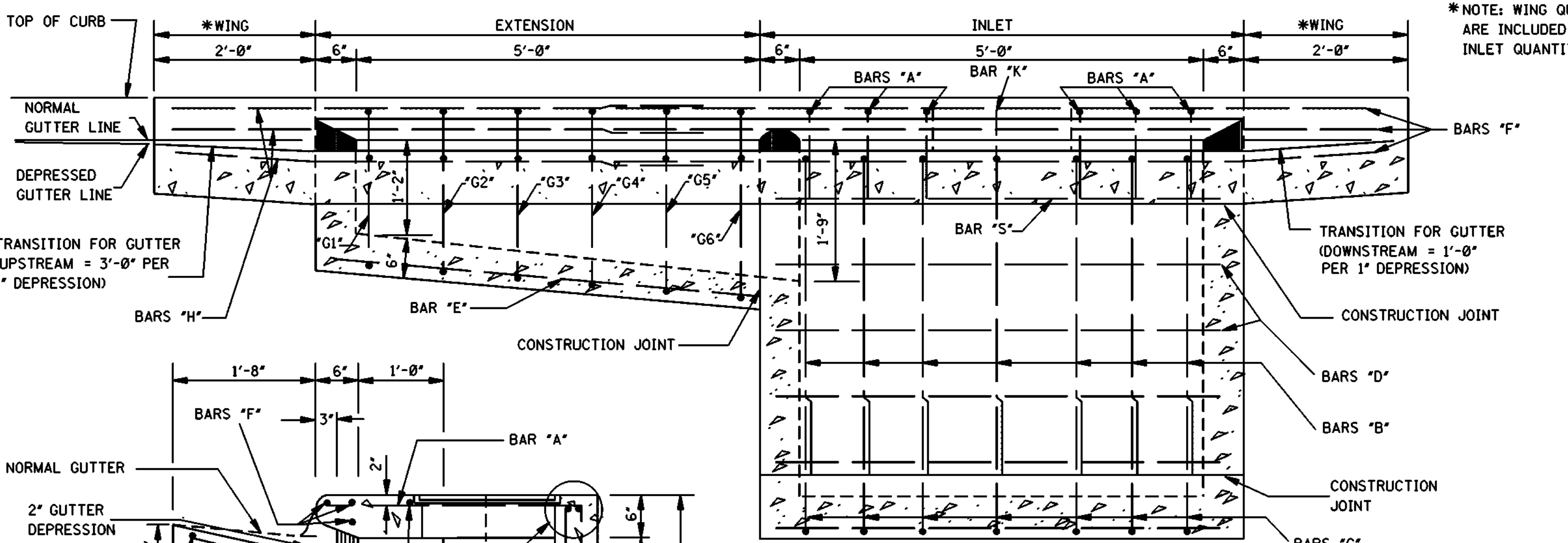
* NOTE: WHERE INLET IS USED WITH CONCRETE PAVEMENT, ADD 73 LBS OF STEEL FOR BARS "M".

GENERAL NOTES:

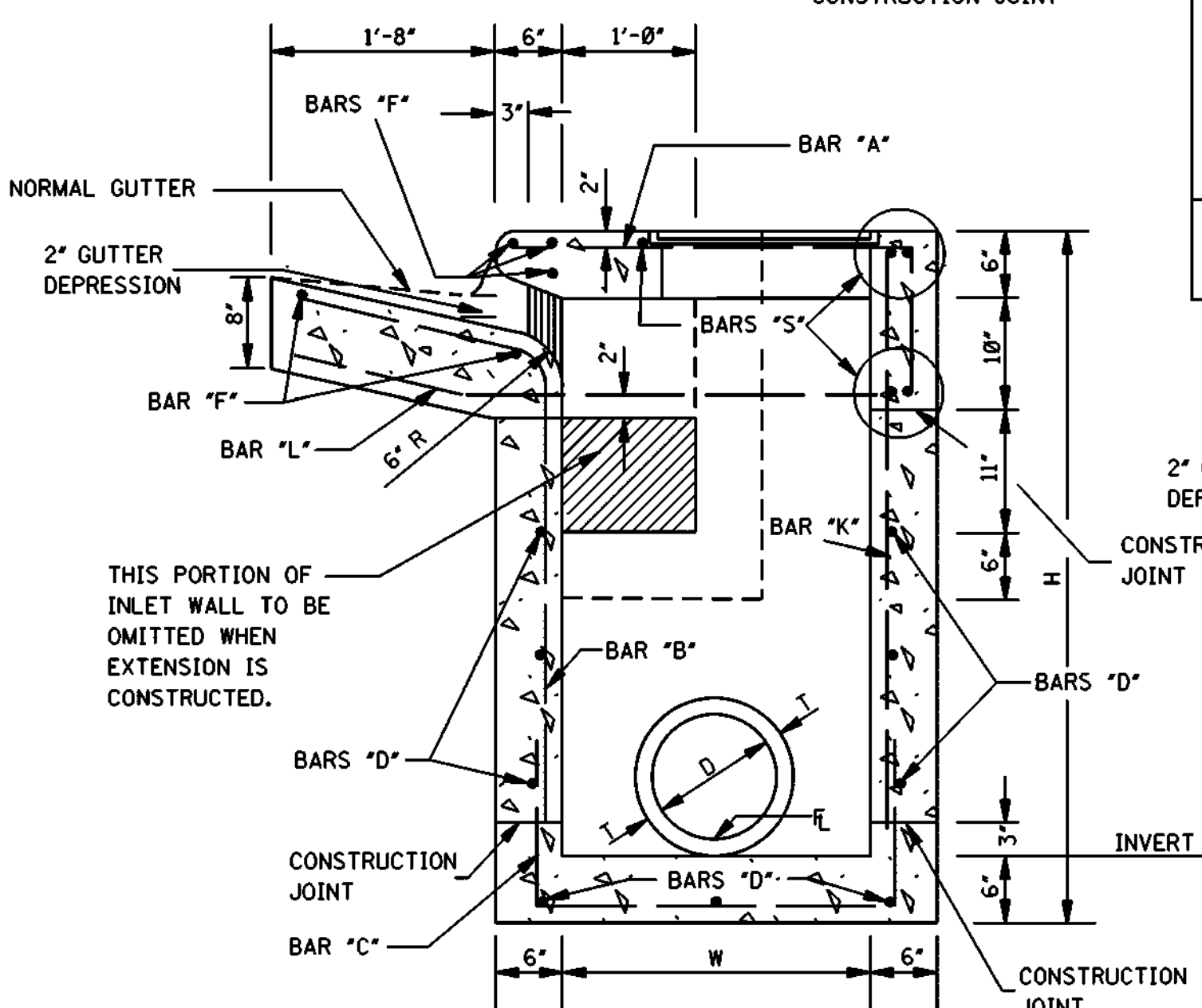
- WHERE INLET OR INLET WITH EXTENSION(S) IS USED WITH CONCRETE PAVEMENT WITH INTEGRAL CURB, THE PAVEMENT IS TO BE BLOCKED OUT TO THE DIMENSIONS AS SHOWN FOR THE GUTTER PORTION OF THE INLET OR INLET WITH EXTENSION(S). THE PORTION BLOCKED OUT SHALL BE PLACED INTEGRAL WITH THE TOP OF THE INLET OR INLET WITH EXTENSION(S). #8 DEFORMED BARS 30" LONG SHALL BE PLACED ON 18" CENTERS AT THE CENTER OF THE PAVEMENT. THESE BARS SHALL EXTEND INTO THE GUTTER PORTION OF THE INLET OR INLET WITH EXTENSION(S) 15". THE CONSTRUCTION JOINT BETWEEN THE CONCRETE PAVEMENT AND THE INLET OR INLET WITH EXTENSION(S) SHALL BE A KEYED JOINT AS SHOWN. A SMOOTH CONSTRUCTION JOINT WILL NOT BE PERMITTED. QUANTITIES FOR BLOCKED OUT AREA OF PAVEMENT SHALL BE INCLUDED IN QUANTITIES FOR INLET OR INLET WITH EXTENSION(S).
- THE STANDARD SPECIFICATIONS ADOPTED BY THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION SHALL APPLY TO ALL ITEMS ON THIS SHEET.
- THE QUANTITIES SHOWN, MINUS VOLUMETRIC DISPLACEMENT OF CONCRETE BY PIPE CULVERTS THROUGH INLET WALLS, WILL BE USED AS THE BASIS OF FINAL PAYMENT UNLESS THIS PLAN IS MODIFIED.
- FOR CONVENIENCE, DEPTHS OF INLETS SHOWN IN ABOVE TABLE ARE INCREMENTS OF 6". BUT ANY DEPTHS OTHER THAN THESE SHOWN MAY BE USED WHEREVER DEEMED NECESSARY. QUANTITIES FOR OTHER DEPTHS, FALLING WITHIN THE LIMITS OF THE TABLE, MAY BE FOUND BY INTERPOLATION.
- FIELD CUT AND BEND BARS AS NECESSARY TO ACCOMMODATE STORM SEWER. NO DEDUCTIONS ARE TO BE MADE IN STEEL QUANTITIES.



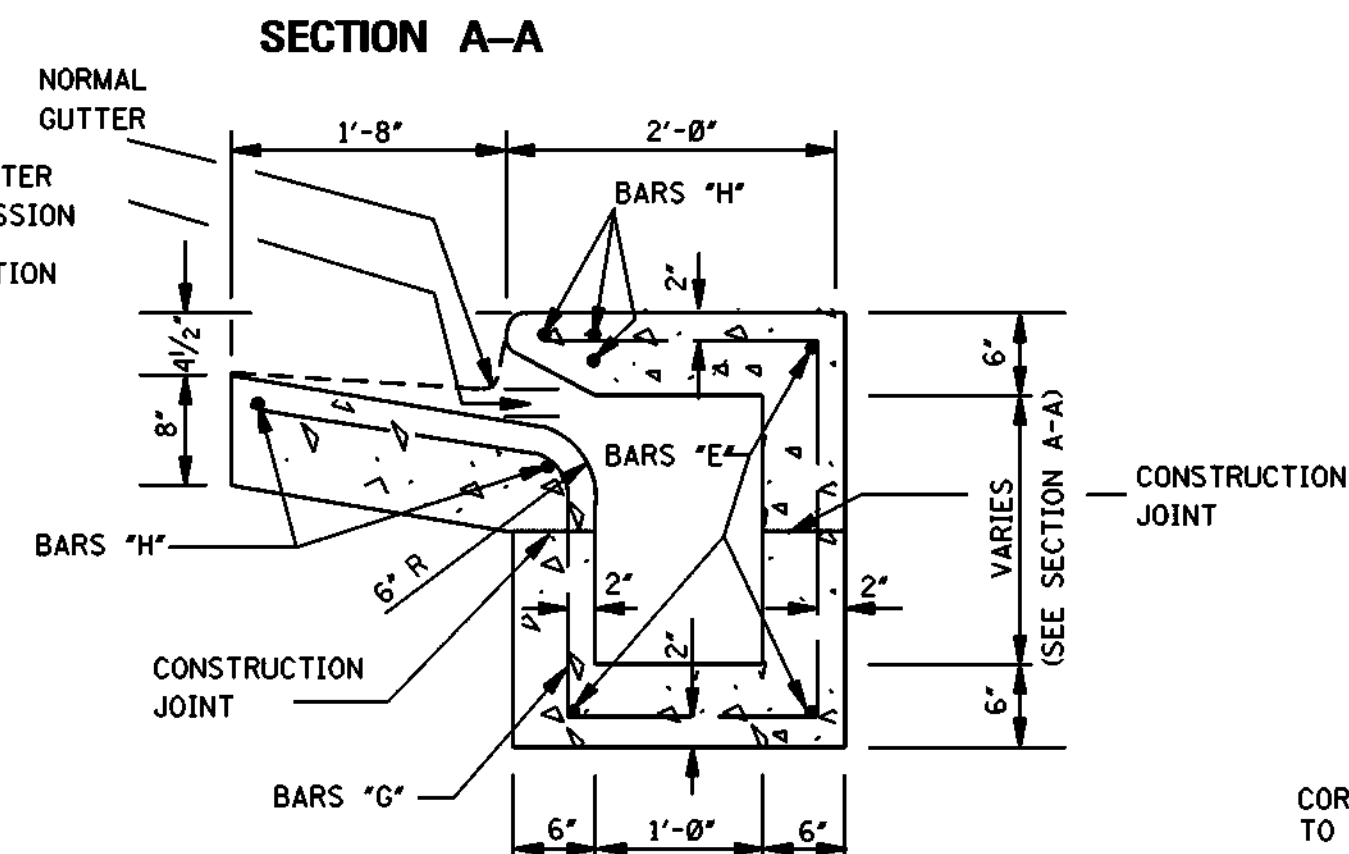
PLAN



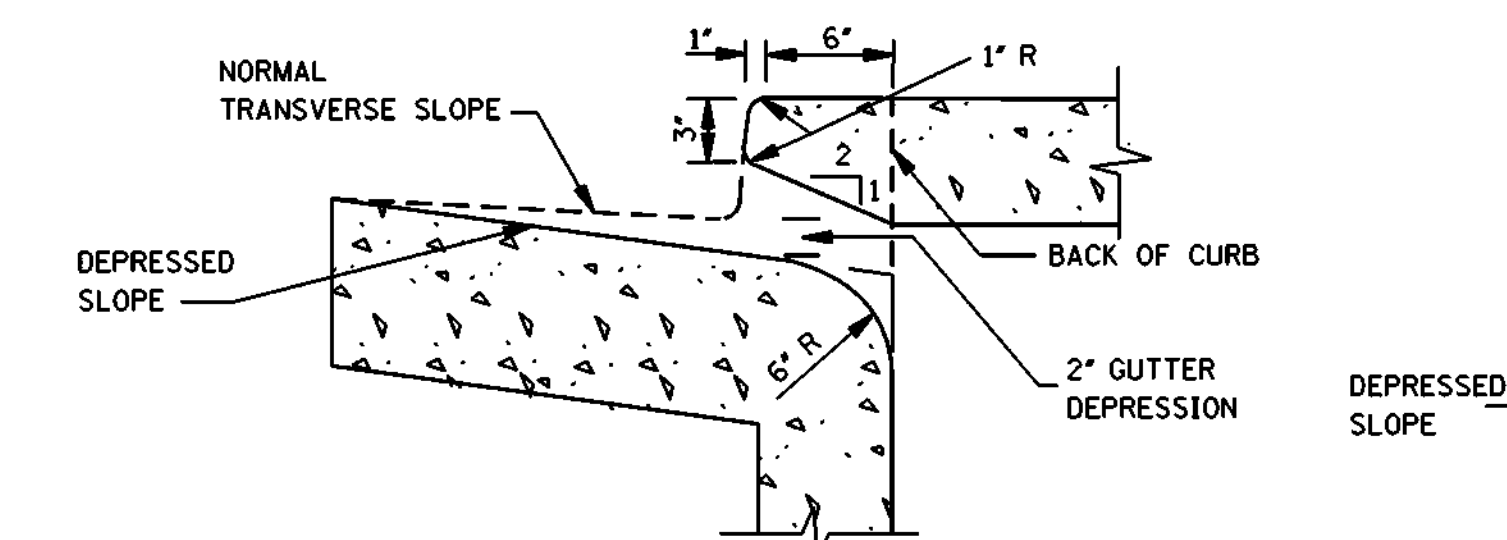
SECTION A-A



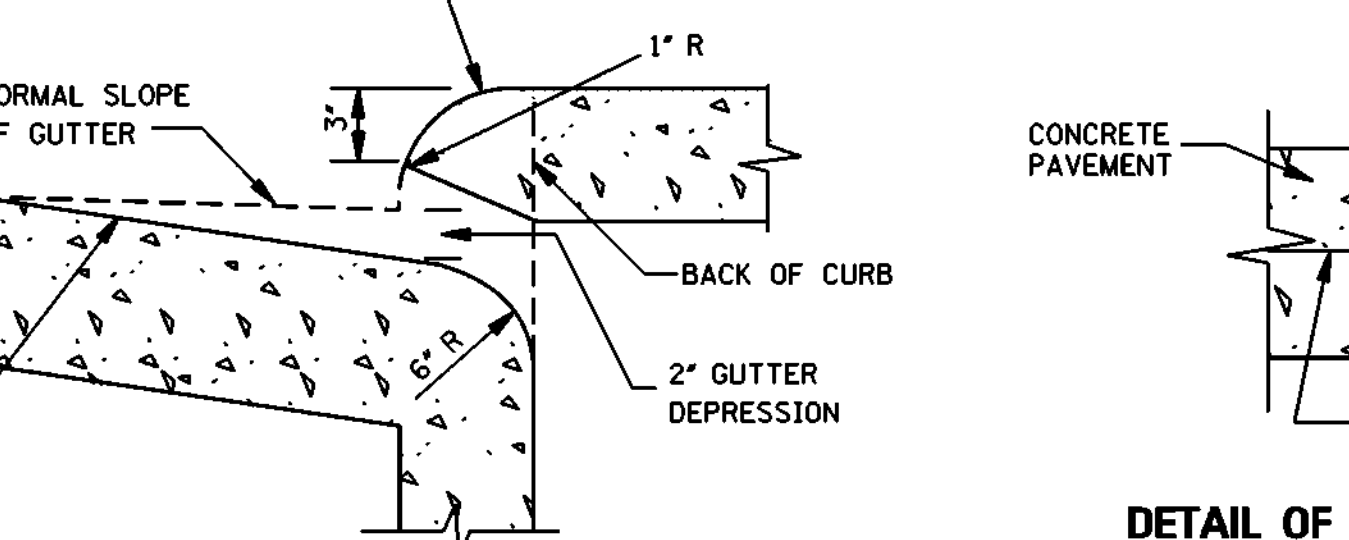
SECTION B-B



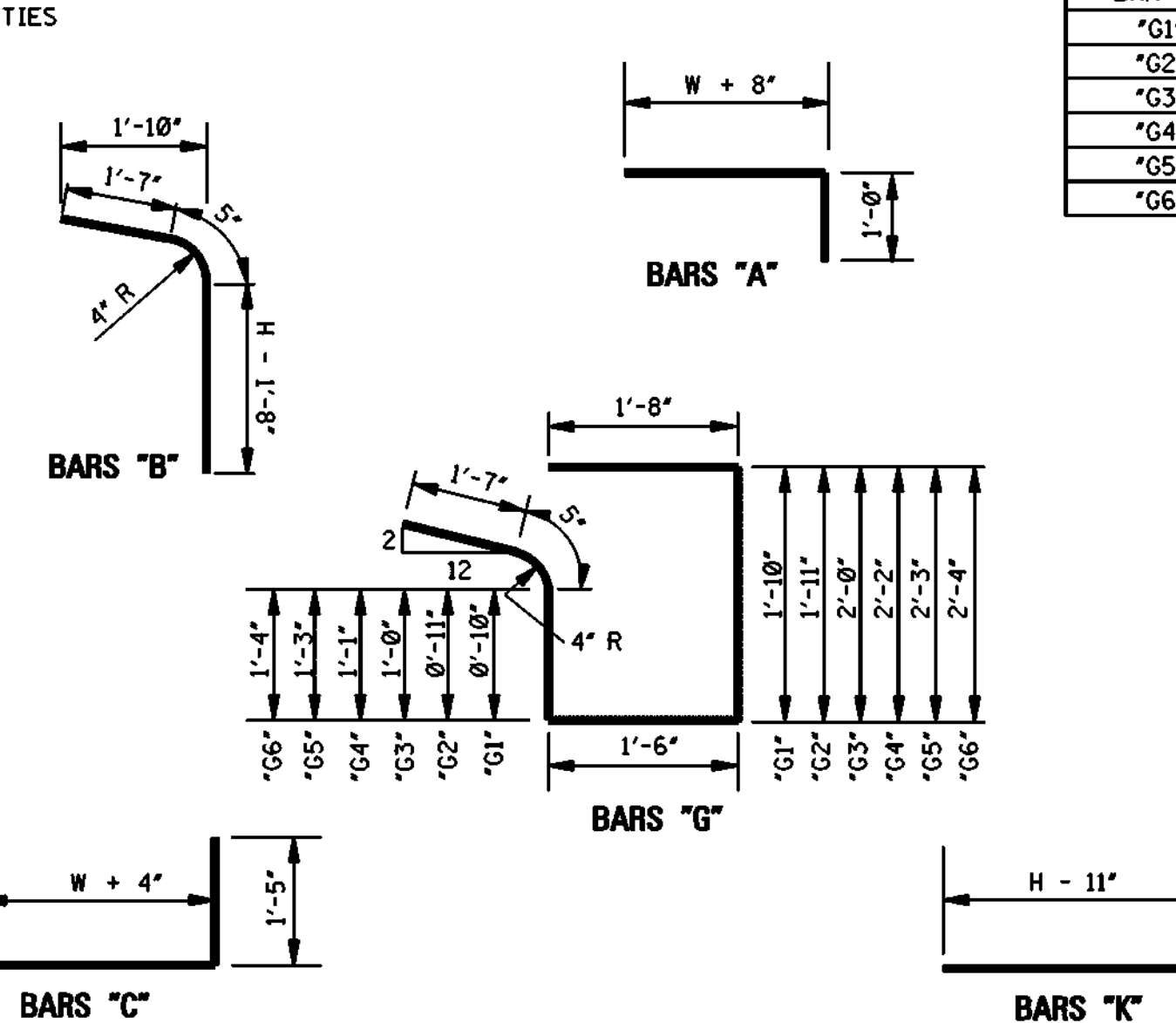
SECTION C-C



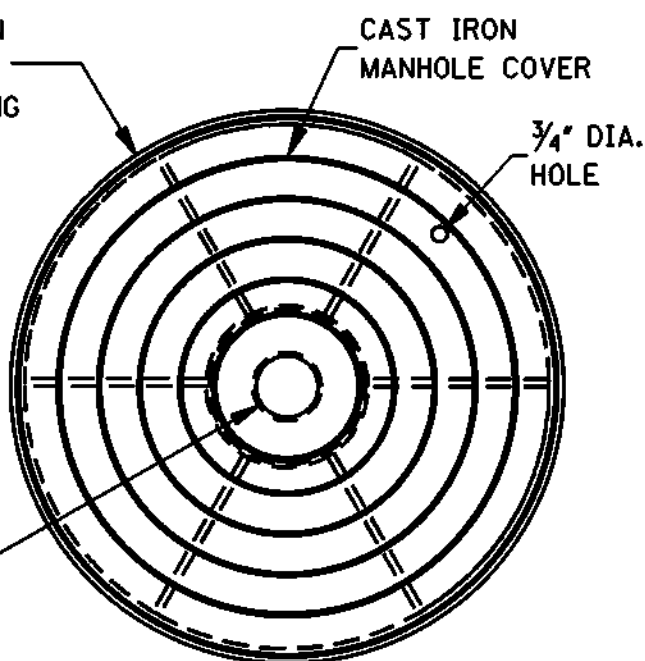
THROAT DETAIL OF BARRIER CURB



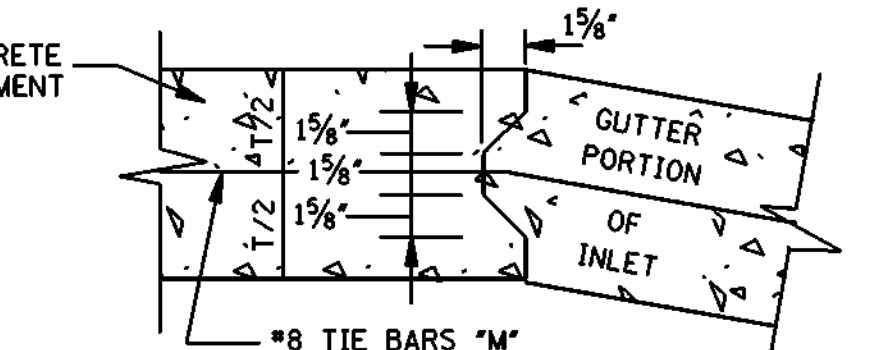
THROAT DETAIL OF ROLLED CURB



BAR DETAILS

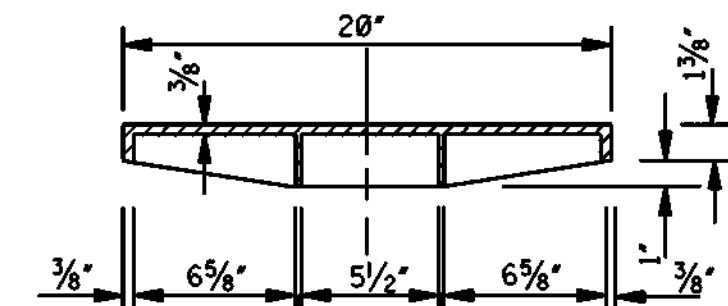


PLAN

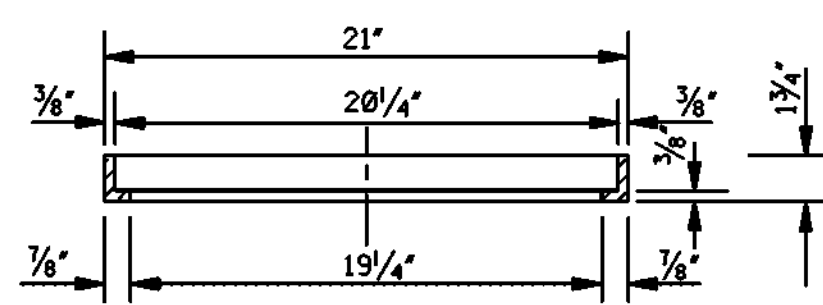


DETAIL OF KEYED CONSTRUCTION JOINTS

NOTE: FIELD BEND BARS "L" TO CENTER OF GUTTER SECTION



SECTION THRU MANHOLE COVER



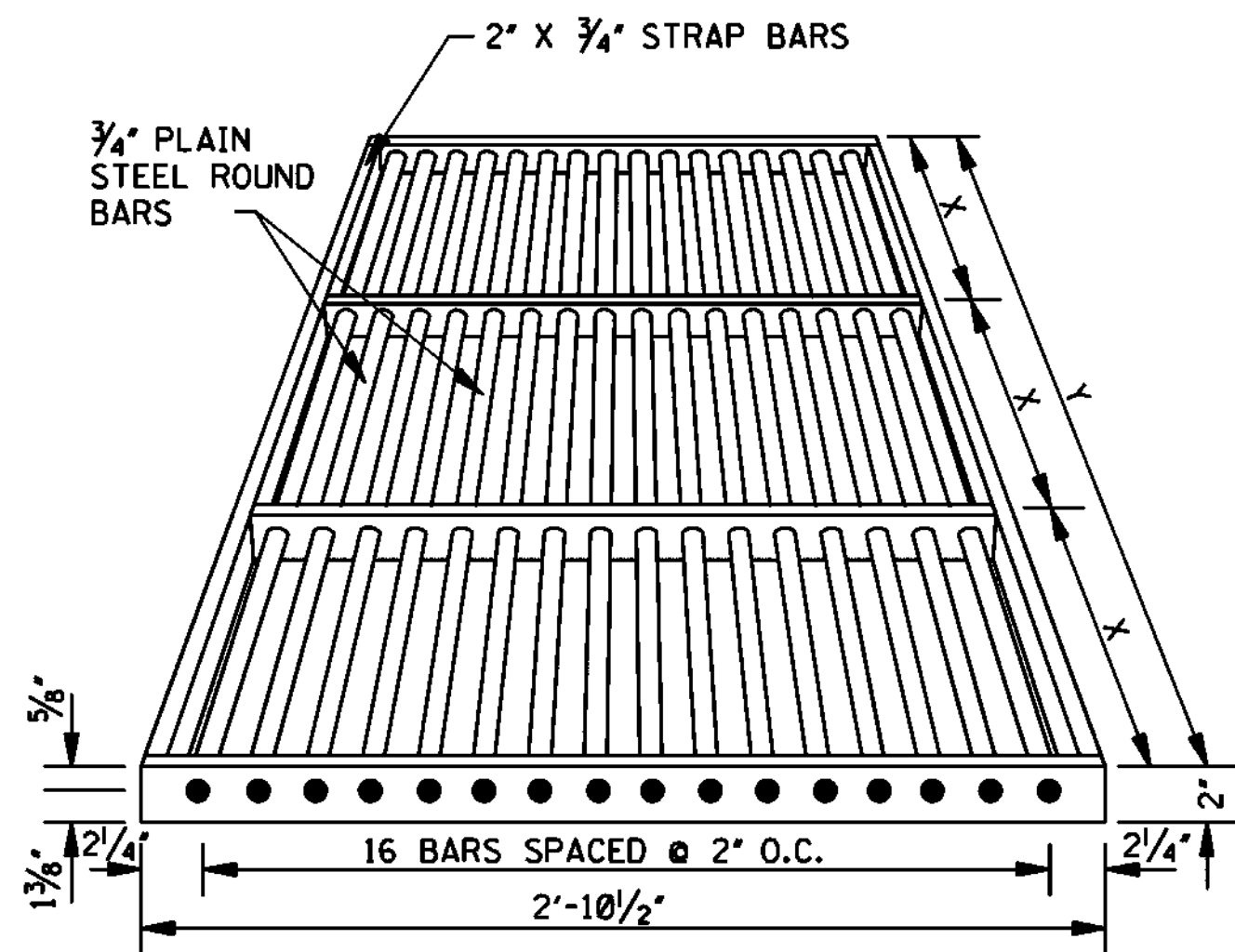
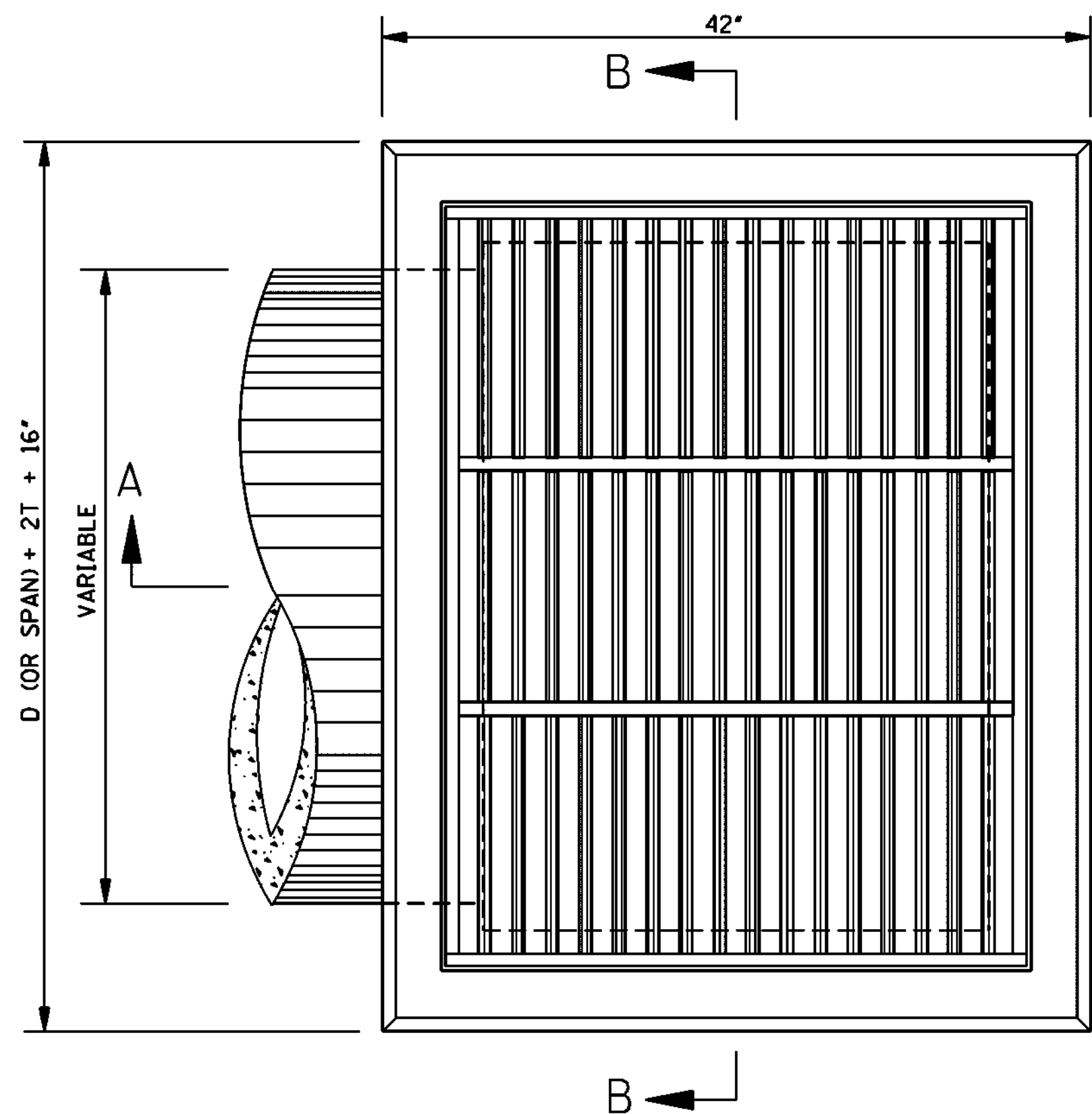
SECTION THRU MANHOLE COVER RING

NOTE: WEIGHT OF RING & COVER = 79 lbs

BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN
REVISION	STORM SEWER STRUCTURE TYPE SS-2
DATE	ISSUE DATE: OCTOBER 1, 1998
	WORKING NUMBER SS-2
	SHEET NUMBER 6322

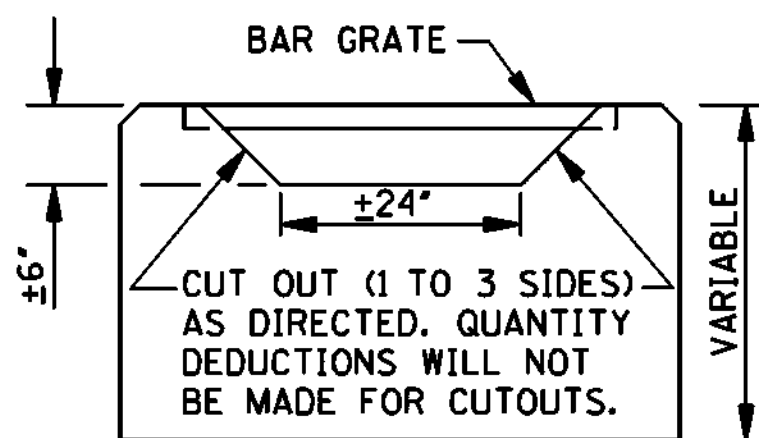
A, #4 BARS	AS PER TABLE
B, #4 BARS	D (OR SPAN) + 2T + 9"
C, #4 BARS	34"
D, #4 BARS	D (OR RISE) + T + 4"

BARS "A", "B", "C" & "D"

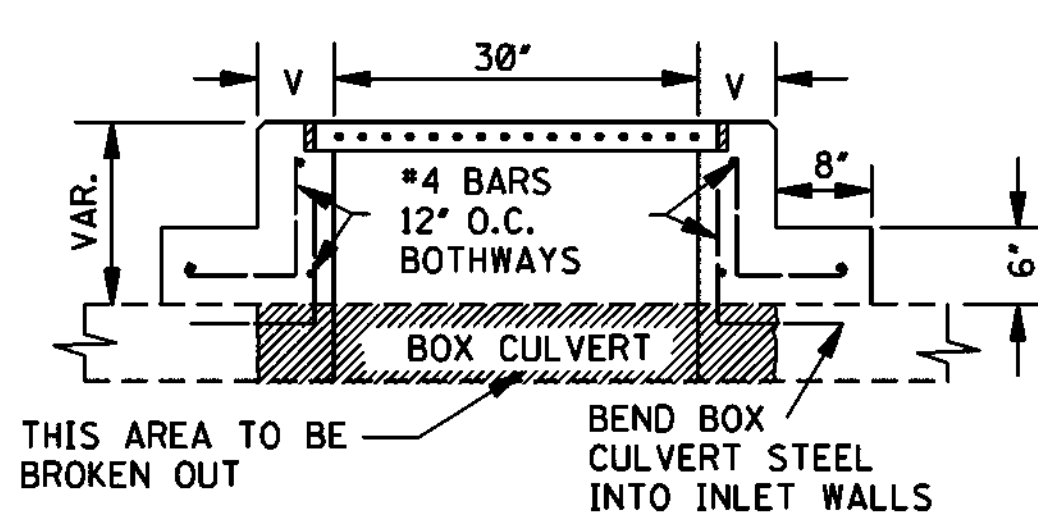


BAR GRATE DETAILS

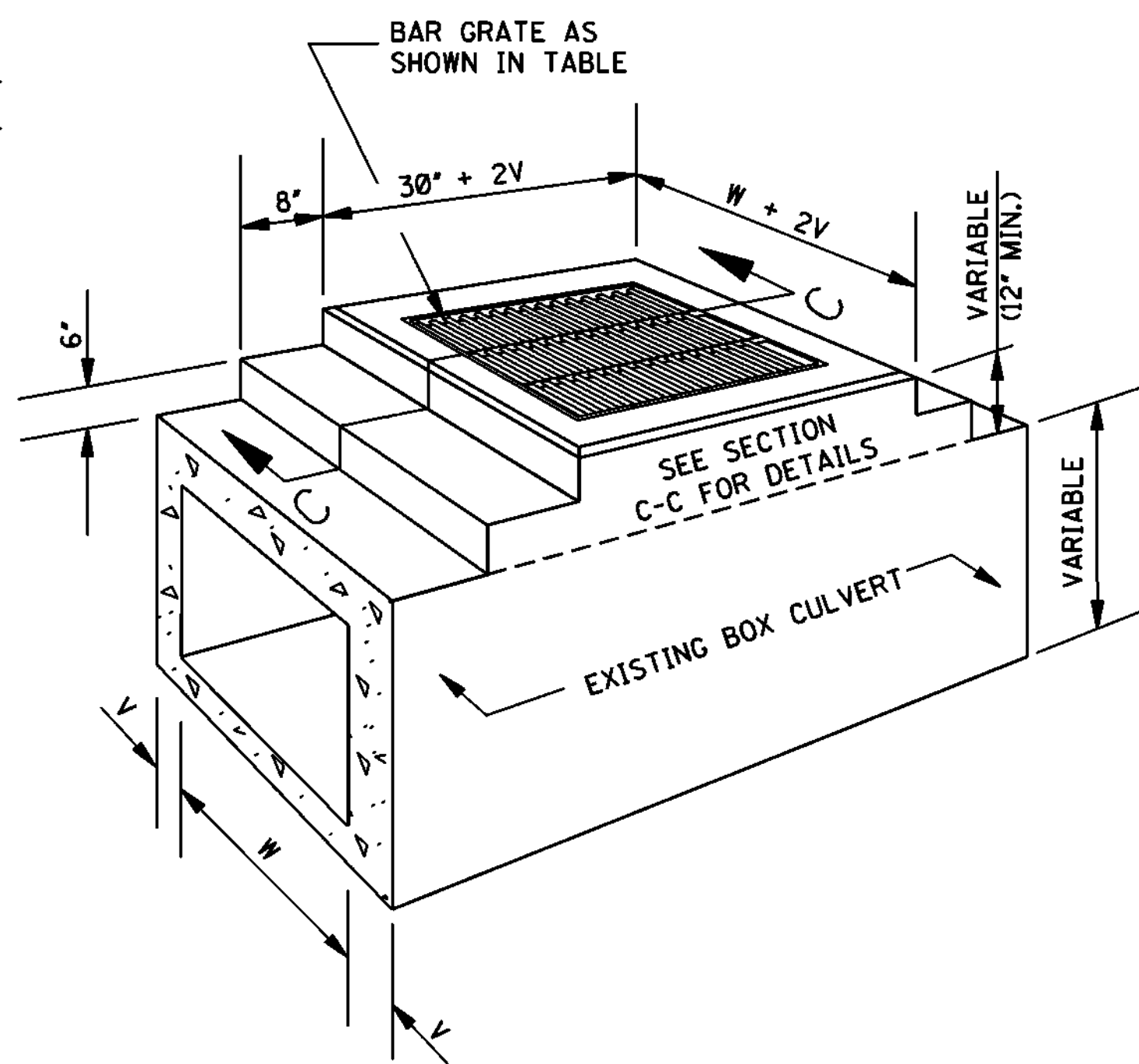
NOTE: JUNCTIONS OF ROUND AND STRAP BARS SHALL BE WELDED. GRATE SHALL BE SHOP COATED WITH APPROVED COAL TAR PITCH VARNISH.



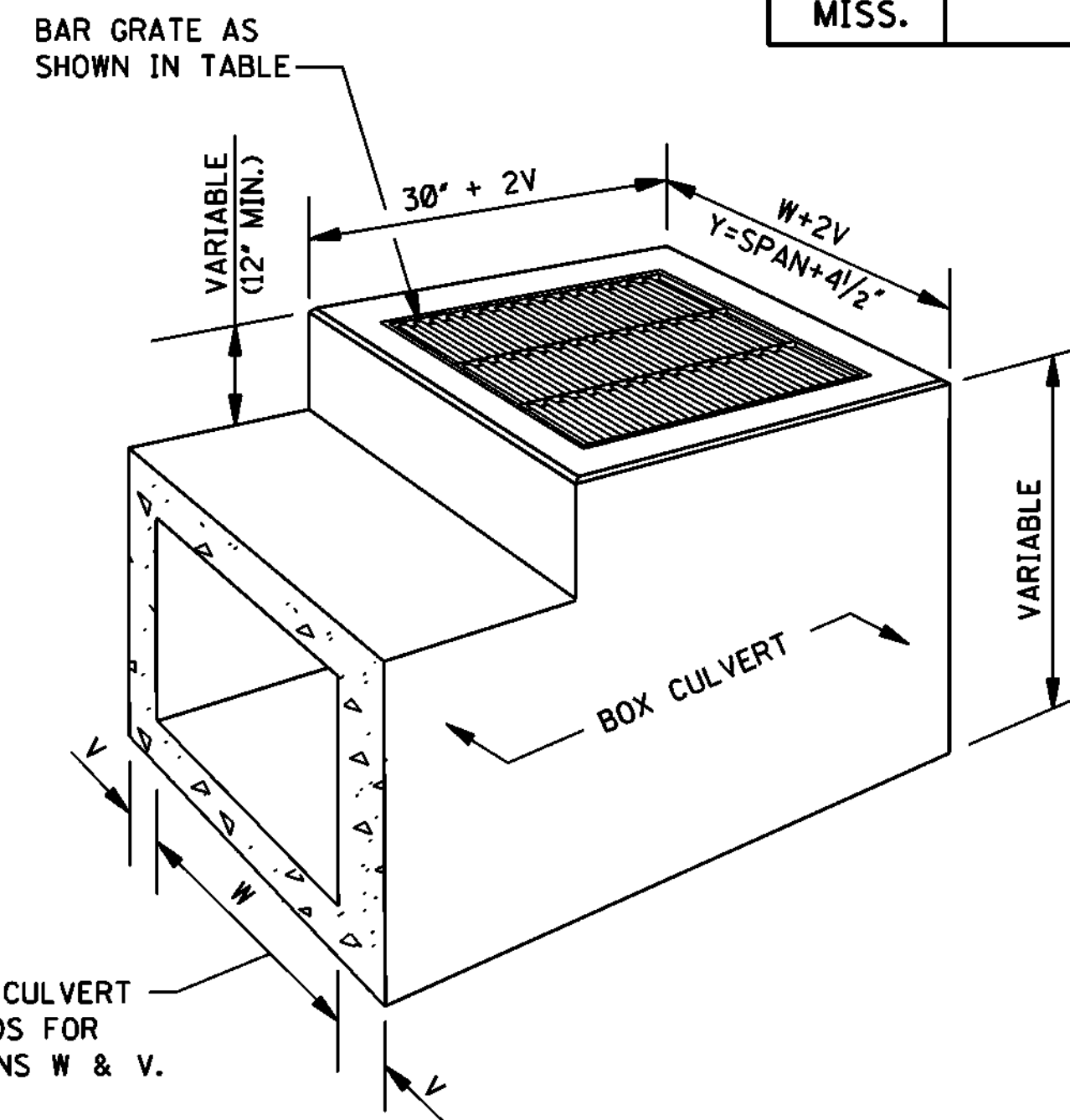
ELEVATION
MODIFIED PIPE OR
BOX CULVERT INLET



SECTION C-C



SECTIONAL PERSPECTIVE
INLET ON EXISTING BOX CULVERT



SECTIONAL PERSPECTIVE
INLET USED IN LIEU OF HEADWALLS

LENGTH AND WEIGHT OF GRATING											
PIPE INLETS						BOX CULVERT INLETS					
PIPE SIZE	Y	X	NO. X-SPANS	WEIGHT (lbs)		BOX CULVERT SIZE	Y	X	NO. X-SPANS	WEIGHT (lbs)	
18"	2'-7 1/2"	1'-3 3/4"	2	127		2' X 2'	2'-4 1/2"	1'-2 1/4"	2	119	
22" X 13"	2'-11 1/2"	1'-5 3/4"	2	139		3' X 2'	3'-4 1/2"	1'-1 1/2"	3	166	
24"	3'-2 1/2"	1'-7 1/4"	2	147		4' X 2'	4'-4 1/2"	1'-5 1/2"	3	200	
29" X 18"	3'-7"	1'-2 1/2"	3	173		5' X 2'	5'-4 1/2"	1'-4 1/8"	4	247	
30"	3'-9 1/2"	1'-3 3/2"	3	180		6' X 2'	6'-4 1/2"	1'-3 3/4"	5	293	
36"	4'-4 1/2"	1'-5 1/2"	3	200		7' X 2'	7'-4 1/2"	1'-5 1/8"	5	328	
42"	4'-11 1/2"	1'-2 1/8"	4	232		8' X 2'	8'-4 3/4"	1'-4 3/4"	6	374	
48"	5'-6 1/2"	1'-4 3/8"	4	252		3' X 3'	3'-4 1/2"	1'-1 1/2"	3	166	
54"	6'-1 1/2"	1'-6 3/8"	4	272		4' X 3'	4'-4 1/2"	1'-5 1/2"	3	200	
60"	6'-8 1/2"	1'-4 3/2"	5	305		5' X 3'	5'-4 1/2"	1'-4 1/8"	4	247	
						6' X 3'	6'-4 1/2"	1'-3 3/4"	5	293	

QUANTITIES															
PIPE SIZE	MIN. DEPTH TO F.L.	MIN. DEPTH INLET		EACH ADDED FOOT		PIPE OPENING DEDUCTION (yd ³)	T	BARS/SIZES							
		CONC * (yd ³)	STEEL (lbs)	CONC (yd ³)	STEEL (lbs)			*A* #4		*B* #4		*C* #4		*D* #4	
								NO.	LGTH.	NO.	LGTH.	NO.	LGTH.	NO.	LGTH.
18"	2.209'	0.623	42	0.213	13	0.053	2 1/2"	2 @ 21"	8 @ 32"	7 @ 34"	9 @ 24 1/2"				
22" X 13"	1.833'	0.586	42	0.225	14	0.053	2 1/2"	2 @ 25"	8 @ 36"	7 @ 34"	9 @ 20"				
24"	2.750'	0.800	55	0.235	14	0.091	3"	2 @ 25"	9 @ 39"	9 @ 34"	9 @ 31"				
29" X 18"	2.250'	0.742	57	0.248	16	0.087	3"	2 @ 30"	9 @ 43 1/2"	9 @ 34"	11 @ 25"				
30"	3.292'	0.992	70	0.256	16	0.138	3 1/2"	2 @ 30"	9 @ 46"	11 @ 34"	11 @ 37 1/2"				
36"	3.834'	1.198	85	0.278	17	0.196	4"	2 @ 33"	10 @ 53"	13 @ 34"	11 @ 44"				
42"	4.375'	1.418	93	0.299	18	0.263	4 1/2"	2 @ 36"	10 @ 60"	13 @ 34"	11 @ 50 1/2"				
48"	4.917'	1.653	109	0.321	19	0.340	5"	2 @ 39"	11 @ 67"	15 @ 34"	11 @ 57"				
54"	5.458'	1.902	136	0.343	21	0.427	5 1/2"	2 @ 42"	12 @ 74"	19 @ 34"	13 @ 63 1/2"				
60"	6.000'	2.165	146	0.364	21	0.524	6"	2 @ 47"	12 @ 81"	19 @ 34"	13 @ 70"				

*NOTE: ONE (1) PIPE OPENING HAS BEEN DEDUCTED FROM THE STRUCTURE.

GENERAL NOTES:

- THE MDOT STANDARD SPECIFICATIONS SHALL APPLY TO ITEMS UNLESS OTHERWISE SPECIFIED.
- QUANTITIES SHOWN WILL BE THE BASIS OF PAYMENT UNLESS AUTHORIZED MODIFICATIONS ARE MADE.
- BOX CULVERTS:
 - UNLESS OTHERWISE SHOWN, THE DETAILS OF THE BOX CULVERT INLETS SHALL CONFORM TO THOSE SHOWN FOR THE PIPE INLETS.
 - BOX CULVERT REINFORCEMENT SHALL BE CONTINUED AND RESHAPED TO ACCOMMODATE THE INLET BOX. ADDITIONAL BARS SHALL BE THE SAME DIAMETER AS THOSE IN THE BOX CULVERT AND THE CONCRETE SHALL BE THE SAME. QUANTITIES ARE TO BE COMPUTED IN CONJUNCTION WITH QUANTITIES FOR BOX CULVERT.

BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN
REVISION	DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERTS
DATE	ISSUE DATE: OCTOBER 1, 1998
	WORKING NUMBER B-9
	SHEET NUMBER 6325



Engineering Progress

SPECIFICATIONS AND CONTRACT DOCUMENTS

FOR

COMPREHENSIVE SEWER/WATER IMPROVEMENTS- PHASE VIII

FOR THE

CITY OF HATTIESBURG

FEBRUARY, 2018



PREPARED BY:

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

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ADVERTISEMENT FOR BIDS:

NOTICE is hereby given that the City Clerk of the City of Hattiesburg, MISSISSIPPI, will receive sealed bids until 10:00 A.M. on April 5, 2018 in the City Clerk's Office in the City Hall of said City and then at said location opened and read aloud for furnishing the City's requirements for the following:

COMPREHENSIVE SEWER/WATER IMPROVEMENTS – PHASE VIII HATTIESBURG, MISSISSIPPI

Official bid documents can be downloaded from Central Bidding at www.centralbidding.com. Electronic bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814. All bids must be accompanied by bid security equal to 5% of the amount of the bid, in the form of a certified check, cashier's check or a bid bond written by a company properly licensed in Mississippi.

Each BID must be received sealed and marked EXACTLY as follows:

BID:

COMPREHENSIVE SEWER/WATER IMPROVEMENTS – PHASE VIII HATTIESBURG, MISSISSIPPI

No bid may be withdrawn for a period of sixty (60) days. The lowest and best proposal received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated and Amended, and other applicable State law; but the Council reserves the right to reject any or all proposals received and to waive informalities.

PUBLISHED by Order of the Council on the 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
Kermas Eaton, City Clerk

Publish on March 1, 2018 and March 8, 2018
City of Hattiesburg
Return PROOF to SDW, Inc.
301 Second Avenue
Hattiesburg, MS 39401

INFORMATION FOR BIDDERS

BIDS will be received by City of Hattiesburg, MS herein called the "OWNER", at City Hall until 10:00 A.M. on April 5, 2018, and then at said office publicly opened and read aloud.

Each BID must be submitted in sealed envelope, addressed to the City Clerk of said City. Each sealed envelope containing a BID must be plainly marked on the outside as BID for Comprehensive Sewer/Water Improvements – Phase VIII, Hattiesburg, Mississippi and the envelope should bear on the outside the BIDDER'S name, address, and license number if applicable. If forwarded by mail, the sealed BID shall be included in a delivery package addressed to the Owner at 200 Forrest Street, Hattiesburg, MS 39401.

All BIDS must be made on the required BID form. All blank spaces for BID prices must be filled in, in ink or typewritten, and the BID form must be completed and executed when submitted. Only one copy of the BID form is required.

The OWNER may waive any informalities or minor defects or reject any and all BIDS. Any BID may be withdrawn prior to the above scheduled time for the opening of BIDS or authorized postponement thereof. Any BID received after the time and date specified shall not be considered. No BIDDER may withdraw a BID within 60 days after the actual date of the opening thereof. Should there be reasons why the contract cannot be awarded within the specified period; the time may be extended by mutual agreement between the OWNER and the BIDDER.

BIDDERS must satisfy themselves of the accuracy of the estimated quantities in the BID Schedule by examination of the site and a review of the drawings and specifications including ADDENDA. After BIDS have been submitted, the BIDDER shall not assert that there was a misunderstanding concerning the quantities of WORK or of the nature of the WORK to be done.

The OWNER shall provide to BIDDERS prior to BIDDING, all information which is pertinent to, and delineates and describes, the land owned and rights-of-way acquired or to be acquired.

The CONTRACT DOCUMENTS contain the provisions required for the construction of the PROJECT. Information obtained from an officer, agent, or employee of the OWNER or any other person shall not affect the risks or obligations assumed by the CONTRACTOR or relieve him from fulfilling any of the conditions of the contract.

Each BID must be accompanied by a BID BOND payable to the OWNER for five percent (5%) of the total amount of the BID. As soon as the BID prices have been compared, the

OWNER will return the BONDS of all except the three lowest responsive, responsible BIDDERS upon request of the BIDDER. When the Agreement is executed the BONDS of the two remaining unsuccessful BIDDERS will be returned upon request of the BIDDER. The BID BOND of the successful BIDDER will be retained until the PAYMENT BOND and PERFORMANCE BOND have been executed and approved, after which it will be returned upon request of the BIDDER. A certified check may be used in lieu of a BID BOND.

A PERFORMANCE BOND and a PAYMENT BOND, each in the amount of 100 percent (100%) of the CONTRACT PRICE, with a corporate surety approved by the OWNER, will be required for the faithful performance of the contract.

Attorneys-in-fact who sign BID BONDS or PAYMENT BONDS and PERFORMANCE BONDS must file with each BOND a certified and effective dates copy of their Power of Attorney.

The party to whom the contract is awarded will be required to execute the Agreement and obtain the PERFORMANCE BOND and PAYMENT BOND within ten (10) calendar days from the date when NOTICE OF AWARD shall be accompanied by the necessary Agreement and BOND forms. In case of failure of the BIDDER to execute the Agreement, the OWNER may consider the BIDDER in default, in which case the BID BOND accompanying the proposal shall become the property of the OWNER.

The OWNER within thirty (30) days of receipt of acceptable PERFORMANCE BOND, PAYMENT BOND and Agreement signed by the party to whom the Agreement was awarded, shall sign the Agreement and return to such party an executed duplicate of the Agreement. Should the OWNER not execute the Agreement within such period, the BIDDER may by WRITTEN NOTICE withdraw the signed Agreement. Such notice of withdrawal shall be effective upon receipt of the notice by the OWNER.

The NOTICE TO PROCEED shall be issued within thirty (30) days of the execution of the Agreement by the OWNER. Should there be reasons why the NOTICE TO PROCEED cannot be issued within such period; the time may be extended by mutual agreement between the OWNER and CONTRACTOR. If the NOTICE TO PROCEED has not been issued within the thirty (30) day period or within the period mutually agreed upon, the CONTRACTOR may terminate the Agreement without further liability on the part of either party.

The OWNER may make such investigations as deemed necessary to determine the ability of the BIDDER to perform the WORK, and the BIDDER shall furnish to the OWNER all such information and data for this purpose as the OWNER may request. The OWNER reserves the right to reject any BID if the evidence submitted by, or investigation of, such BIDDER fails to satisfy the OWNER that such BIDDER is properly qualified to carry out the obligations of the Agreement and to complete the WORK contemplated therein.

A conditional or qualified BID will not be accepted.

Award will be made to the lowest and best responsive and responsible BIDDER.

All applicable Laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the PROJECT shall apply to the contract throughout.

Each BIDDER is responsible for inspecting the site and for reading and being thoroughly familiar with the CONTRACT DOCUMENTS. The failure or omission of any BIDDER to do any of the foregoing shall in no way relieve any BIDDER from any obligation in respect to his BID.

FURTHER, the BIDDER agrees to abide by the requirements under Executive Order No. 11246, as amended, including specifically the provisions of the equal opportunity clause.

The BIDDER shall supply the names and addresses of major material SUPPLIERS and SUBCONTRACTORS when required to do so by the OWNER.

The ENGINEER is SHOWS, DEARMAN & WAITS, INC. The address of the ENGINEER is 301 2nd Avenue, HATTIESBURG, MISSISSIPPI.

Notice to Bidders 1

Please note there have been several changes to the City of Hattiesburg standards for various aspects of construction associated with this project.

Notice to Bidders 2

The City of Hattiesburg intends to construct a transportation project along Camp Street in a separate contract. The CONTRACTOR shall maintain a temporary surface throughout the life of this project along the entire limits of the project on Camp Street until the issuance of substantial completion. Further, the CONTRACTOR shall phase work such that the work associated with Camp Street is completed first as to not delay the transportation project.

PROPOSAL FORM

I (we) agree to begin work within (10) calendar days after the issuance of Notice to Proceed, and to complete the work within 420 calendar days thereafter.

It is understood that the quantities of work listed for unit prices bid are approximate, and are intended to merely indicate the general scope of the various items entering into the complete work and for comparison of bids. It is further understood and agreed that the Owner may increase or decrease the quantities listed in the Proposal and that no change in the unit prices proposed shall be occasioned thereby.

The undersigned further agrees that the unit and lump sum prices quoted include all items of work required or necessary for the accomplishment of the projected work and that these items include all work indicated on the Plans and Specifications for which no specific pay items have been established.

The undersigned certifies that the bid prices contained herein have been carefully checked and are submitted as correct and final.

If within sixty (60) days the scheduled closing time for receipt of bids, this Proposal is accepted, the undersigned will execute a formal contract within ten (10) days after official notification thereof, will deliver a surety bond for the faithful performance of this contract, and will complete the work within the time specified from the date of execution of the contract.

Respectfully Submitted,

Authorized by:

ADDRESS

PROPOSAL					
COMPREHENSIVE SEWER/WATER IMPROVEMENTS - PHASE VIII					
CAMP STREET AREA					
Item	Description	Unit	Quantity	Unit Price	Extension
	Sewer Pipe Items				
1	8" SDR 26 PVC Sewer Pipe (0'- 6')	LF	2,109		
2	8" SDR 26 PVC Sewer Pipe (6'- 8')	LF	5,576		
3	8" SDR 26 PVC Sewer Pipe (8'- 10')	LF	2,961		
4	8" SDR 26 PVC Sewer Pipe (10'- 12')	LF	863		
5	8" SDR 26 PVC Sewer Pipe (12'- 14')	LF	249		
6	10" SDR 26 PVC Sewer Pipe (0'- 6')	LF	25		
7	10" SDR 26 PVC Sewer Pipe (6'- 8')	LF	351		
8	10" SDR 26 PVC Sewer Pipe (8'- 10')	LF	325		
9	10" SDR 26 PVC Sewer Pipe (10'- 12')	LF	239		
10	10" SDR 26 PVC Sewer Pipe (12'- 14')	LF	130		
11	10" SDR 26 PVC Sewer Pipe (14'- 16')	LF	67		
12	8" Ductile Iron Sewer Pipe (0'- 6')	LF	384		
13	8" Ductile Iron Sewer Pipe (6'- 8')	LF	20		
14	10" Ductile Iron Sewer Pipe (0'- 6')	LF	25		
15	10" Ductile Iron Sewer Pipe (6'- 8')	LF	30		
16	Removal of Existing Sewer Line	LF	10,650		
17	Abandonment of Existing Sewer Line (All Sizes)	LF	3,220		
18	Tracer Wire System for Sewer	LF	19,153		
	Sewer Manhole Items				
19	48" Precast Concrete Sewer Manhole (0' - 6')	EA	6		

20	48" Precast Concrete Sewer Manhole (6' - 8')	EA	32		
21	48" Precast Concrete Sewer Manhole (8' - 10')	EA	8		
22	48" Precast Concrete Sewer Manhole (10' - 12')	EA	1		
23	48" Precast Concrete Sewer Manhole (12' - 14')	EA	3		
24	48" Precast Concrete Sewer Manhole (0' - 6') (Flat Top)	EA	3		
25	60" Precast Concrete Sewer Manhole (0' - 6')	EA	1		
26	60" Precast Concrete Sewer Manhole (6' - 8')	EA	1		
27	60" Precast Concrete Sewer Manhole (8' - 10')	EA	1		
28	60" Precast Concrete Sewer Manhole (10' - 12')	EA	1		
29	60" Precast Concrete Sewer Manhole (6' - 8') (Doghouse)	EA	2		
30	72" Precast Concrete Splitter Sewer Manhole (10' - 12') (Doghouse)	EA	1		
31	Demolition and Removal of Existing Manholes (All Types)	EA	35		
32	Abandonment of Existing Manhole	EA	12		
33	Drop Manhole Assembly (All Depths)	EA	1		
	Sewer Service Items				
34	4" Sanitary Sewer Service Cleanout	EA	231		
35	4" SDR 26 PVC Pipe Sanitary Sewer Service (Incl Fittings)	LF	316		
36	6" SDR 26 PVC Pipe Sanitary Sewer Service (Incl Fittings)	LF	3,792		
37	8"x8"x6" PVC Service Tee	EA	203		
38	10"x10"x6" PVC Service Tee	EA	20		
39	8"x8"x6" Ductile Iron Service Tee	EA	5		
	Water Pipe Items				
40	2" & Under 150 PSI PVC Water Pipe for Connections (Open Cut)	Lin. Ft.	40		
41	6" Class 350 Ductile Iron Water Pipe (Open Cut)	Lin.Ft	8,340		
42	8" Class 350 Ductile Iron Water Pipe (Open Cut)	Lin. Ft.	4,680		

43	8" 200 PSI, DR11, HDPE (Directional Bore) (Incl. adapter fittings)	Lin. Ft.	500		
44	10" 200 PSI, DR11, HDPE (Directional Bore) (Incl. adapter fittings)	Lin. Ft.	360		
45	Tracer Wire System for Water	LF	22,864		
	Water Connection Items				
46	Cut and Cap Existing Water Line in Place	Each	6		
47	Connection: Proposed 6" to Existing 2" (Straight - Reducer and Coupling)	Each	1		
48	Connection: Proposed 6" to Existing 6" (Straight - Coupling)	Each	2		
49	Connection: Proposed 6" to Existing 6" (Tee & other fittings)	Each	3		
50	Connection: Proposed 6" to Existing 6" (Hot Tap w/ Valve Assembly)	Each	8		
51	Connection: Proposed 6" to Existing 12" (Hot Tap w/ Valve Assembly)	Each	2		
52	Connection: Proposed 6" to Proposed 6" (Tee & other fittings)	Each	1		
53	Connection: Proposed 8" to Existing 6" (Tee & other fittings)	Each	11		
54	Connection: Proposed 8" to Existing 6" (Hot Tap w/ Valve Assembly)	Each	1		
55	Connection: Proposed 8" to Existing 8" (Hot Tap w/ Valve Assembly)	Each	1		
56	Connection: Proposed 8" to Existing 12" (Hot Tap w/ Valve Assembly)	Each	3		
57	Connection: Proposed 8" to Proposed 6" (Tee & other fittings)	Each	5		
58	Connection: Proposed 8" to Proposed 8" (Tee & other fittings)	Each	3		
	Water Valve Items				
59	6" Gate Valve	Each	27		

60	8" Gate Valve	Each	22		
	Water Fire Protection Items				
61	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	16		
62	Removal of Existing Fire Hydrant	Each	9		
	Water Service Items				
63	Service Tap (3/4") (Incl:Tapping Saddle, Corp Stop, etc)	Each	242		
64	Service Tap (1") (Incl:Tapping Saddle, Corp Stop, etc)	Each	33		
65	Service Tubing (Open Cut) (3/4")	LF	1985		
66	Service Tubing (Open Cut) (1")	LF	400		
67	Service Tubing (Bored) (3/4")	LF	4,080		
68	Service Tubing (Bored) (1")	LF	400		
69	Water Service Meter (3/4")	Each	13		
70	Water Service Meter (1")	Each	2		
	Miscellaneous Construction Items				
71	Crushed Aggregate (Size 610)	Ton	5,097		
72	Select Fill Material (Class 9, Group C), LVM	CY	23,770		
73	Concrete Pavement Repair (All Depths)	SY	1062		
74	Hardy Street Roadway Repair (Special Construction)	SY	50		
75	9.5mm Hot Mix Asphalt	Ton	1652		
76	19mm Hot Mix Asphalt	Ton	1273		
77	Concrete Sidewalk Repair (All Depths)	SY	55		
78	Concrete Curb & Gutter (Match Existing Type)	LF	370		
79	Concrete Ditch Repair	SF	95		
80	Class "B" Concrete, Minor Structures	CY	10		

81	Reinforcing Steel	LBS	470		
82	Inlet Gratings	LBS	765		
83	Inlet Castings	LBS	79		
84	12" Corrugated HDPE Pipe (Dual Wall)	LF	64		
85	15" Corrugated HDPE Pipe (Dual Wall)	LF	20		
86	12" Reinforced Concrete Pipe (Class III) (Rubber Gaskets)	LF	32		
87	15" Reinforced Concrete Pipe (Class III) (Rubber Gaskets)	LF	370		
88	18" Reinforced Concrete Pipe (Class III) (Rubber Gaskets)	LF	210		
89	18"x11" Reinforced Concrete Arch Pipe (Class III) (Plastic Gaskets)	LF	76		
90	Removal of Existing Pipe Cross Drains (All Sizes and Depths)	LF	750		
91	Removal of Existing Corrugated HDPE Pipe (All Sizes and Depths) and Reset	LF	20		
92	Remove, Salvage and Reset Existing Wood Fence	LF	335		
93	Remove, Salvage and Reset Existing Net Wire Fence	LF	185		
94	Remove, Salvage and Reset Existing Chain Link Fence	LF	1,435		
95	6" Yellow Thermoplastic Detail Traffic Stripe	LF	1,550		
96	Lengend White Thermoplastic Traffic Marking (6" Equivalent)	LF	1,440		
97	Solid Sod (Incl. Sod, Top Soil, Fertilizer, Watering, etc.)	SY	8,050		
98	Landscape Restoration (Inc. Top Soil, Plants, Mulch, Watering, etc.)	SF	630		
99	Clearing and Grubbing	Acre	2		
100	Temporary Erosion Control	LS	1		
101	Maintenance of Traffic	LS	1		
102	Mobilization	LS	1		
				TOTAL BID:	

Base Bid Respectfully Submitted, Name of Firm or Bidder: _____

BID BOND

KNOW ALL MEN BY THESE PRESENTS: that we, the under signed, _____
_____ Principal, and _____
_____ as Surety, are hereby held and firmly bound unto the City of Hattiesburg as Owner in the penal sum of 5% (Five Percent) for payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors and assigns.

Signed, this _____ day of _____, 20_____.

The Condition of the above obligation is such that whereas the Principal has submitted to a certain BID, attached hereto and hereby made a part hereof to enter into a contract in writing, for the following project:

COMPREHENSIVE SEWER/WATER IMPROVEMENTS – PHASE VIII HATTIESBURG, MISSISSIPPI

NOW, THEREFORE,

(a) If said BID shall be rejected, or

(b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said BID) and shall furnish a BOND for his faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its BOND shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year set forth above.

PRINCIPAL

SURETY

BY: _____

IMPORTANT: Surety companies executing BONDS must appear on the Treasure Department's most current line (Circular 570 as amended) and be authorized to transact business in the State where the project is located.

CONTRACT AGREEMENT

THIS AGREEMENT made and entered into this ____ day of _____, 20____ by and between _____ hereinafter called the CONTRACTOR, the City of Hattiesburg hereinafter called the OWNER, Witnesseth that the CONTRACTOR and the OWNER, for the consideration hereafter named and agrees as follows.

ARTICLE 1: SCOPE OF WORK

The CONTRACTOR agrees to furnish all tools, labor, equipment, materials, and supplies required to be furnished, and perform all work required under and in accordance with the plans entitled:

COMPREHENSIVE SEWER/WATER IMPROVEMENTS – PHASE VIII HATTIESBURG, MISSISSIPPI

which are on file at the office of the OWNER, and the Specifications, Proposals, General and Special Conditions, attached hereto and made a part hereof as fully as though copied herein, under the direct supervision and to the entire satisfaction of the OWNER and in accordance with the Laws of the State of Mississippi.

ARTICLE 2: THE CONTRACT SUM

It is further agreed and understood by and between the parties hereunto that the OWNER agrees to pay and the CONTRACTOR agrees to accept full and final compensation for all work done under this agreement, the lump sum amount adjusted for variation of quantities at the unit prices named in the Proposal, which is hereto attached, such payment to be made in lawful money of the United States, at the time and in the manner hereinafter set forth.

ARTICLE 3: TIME OF COMPLETION

The CONTRACTOR agrees, for the consideration above expressed, to begin and complete the work within the time specified in the Proposal. If the CONTRACTOR fails to complete the work in the time specified, he shall pay the OWNER as **liquidated damages**, ascertained and agreed, and not in the nature of a penalty, the sum of **\$1,000.00** for each day delayed, which shall be deducted from the final amount to be paid under the contract; provided that the extension of time with the waiver of liquidation damages may be granted as provided for in the Specifications.

ARTICLE 4: PROGRESS PAYMENTS

The OWNER agrees to make progress payments during the construction as provided herein as follows:

The CONTRACTOR will on or before the tenth (10th) day of each month make an estimate of the value of the work done, based on contract prices, and submit to the ENGINEER, along with an affidavit by the CONTRACTOR that progress payments theretofore received from OWNER have discharged in full all the CONTRACTOR's obligations stated in prior progress payments. ENGINEER will recommend partial payment to the OWNER within a reasonable time of receipt of CONTRACTOR's estimate based on the ENGINEER's estimated quantities.

The OWNER agrees to pay the CONTRACTOR one hundred percent (100%) of the value of the work done each month, less retainage in accordance with MS Code of 1972 Section 31-5-33 until final acceptance of the work has been made. If defective and/or materials are discovered or reasonable doubt arises to the integrity of any part of the work for which partial payment has been allowed, a deduction from subsequent estimates in the amount equal to the work in question will be made until the defects have been remedied or the cause for doubt removed.

ARTICLE 5: ACCEPTANCE AND FINAL PAYMENT

Upon receipt of written notice that the work is ready for final acceptance and inspection, the ENGINEER shall promptly make such inspection, and when he finds the work acceptable under the contract, and the contract fully performed, he shall promptly issue a final certificate, over his own signature, stating that the work provided for in this Contract has been completed and is accepted by him under the terms and conditions thereof. Then, the entire balance shall be due the CONTRACTOR within forty-five (45) days the date of said final acceptance and receipt of the closeout documents required per the Supplement to General Conditions and recommendation of the same to the OWNER.

Before issuance of final certificate, the CONTRACTOR shall submit evidence satisfactory to the ENGINEER that all payrolls, materials, bills, and other indebtedness connected with the work have been paid.

The making and acceptance of the final payment shall constitute a waiver of all claims by the OWNER, other than those arising from unsettled liens, from faulty work or materials appearing within one (1) year after payment, or claims previously made and still unsettled.

If, after the work has been substantially completed, full completion thereof is materially delayed through no fault of the CONTRACTOR, and the ENGINEER, so certifies, the OWNER shall, upon certificate of the ENGINEER and without terminating the Contract, make payment of the balance due for that portion of the work fully completed and accepted. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

ARTICLE 6: THE PERFORMANCE BOND

The CONTRACTOR agrees to furnish a bond, with an approved surety thereon guaranteeing the performance of this contract, in no less than one hundred percent (100%) of the amount of the Contract. Said Bond shall be conditioned on full and complete performance of the Contract, and for the payment of all labor and materials for a period of one (1) year after completion. The Surety on said Bond shall be a surety company of financial resources satisfactory to the OWNER and authorized to do business in the State of Mississippi.

ARTICLE 7 INSURANCE

The CONTRACTOR agrees to also carry public liability insurance, property damage insurance, and workman's compensation insurance in amounts as required by the specifications.

WITNESSETH: that for and in consideration of the payments and agreements hereinafter mentioned:

1. The CONTRACTOR will commence and complete the construction of the project specified herein.
2. The CONTRACTOR will furnish all of the material, supplies, tools, equipment, labor, and other services necessary for the construction and completion of the project described herein.
3. The CONTRACTOR will commence the work required by the "Contract Documents" and complete the project on or before the completion date unless the period for completion is extended otherwise by the "Contract Documents."
4. The CONTRACTOR agrees to perform all of the work described in the "Contract Documents" and comply with the terms therein for the sum as shown in the bid schedule.
5. The term "Contract Documents" means and includes the following:

Advertisement for Bids	Notice of Award
Instructions to Bidders	Notice to Proceed
Bid	Change Order
Bid Bond	General Conditions
Contract Agreement	Supplemental General Conditions
Payment Bond	Technical Specifications
Performance Bond	Drawings
Addenda	

6. The OWNER will pay to the CONTRACTOR in the manner and at such times as set forth in the "General Conditions" such amounts as required by the "Contract Documents."

7. This "Contract Agreement" shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

OWNERS:

SEAL

City of Hattiesburg

Authorized by:

ATTEST _____

(Printed Name & Title)

CONTRACTOR:

SEAL

ATTEST _____

IMPORTANT NOTE: Surety companies executing bonds must appear on the US Treasury Department's most current list (Circular 570, as amended) and be authorized to transact business in the state where the project is located.

PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: THAT WE, the Undersigned _____ (hereinafter called the Principal), a corporation, partnership or individual duly unauthorized by law to do business as a construction contractor in the State of Mississippi, and _____ of _____ (herein called the Surety), a corporation duly authorized to do surety business under the laws of the State of Mississippi, are held and firmly bound unto the City of Hattiesburg, MS (hereinafter called the Obligee), a Municipality existing under the laws of the State of Mississippi, in the penal sum of _____ Dollars (_____) lawful money of the United States, for the payment of which well and truly to be made, the said Principal and the said Surety do hereby bind ourselves, our heirs, executors, administrators and assigns, jointly and severally, by these presents, as follows:

The Condition of this obligation is such that; whereas Principal by an instrument in writing attached hereto and bearing date of _____ has agreed with said Obligee to do all work necessary and to furnish labor, materials, tools, supplies and services to construct **COMPREHENSIVE SEWER/WATER IMPROVEMENTS – PHASE VIII, HATTIESBURG, MISSISSIPPI** as shown on Plans and specified thereby in the Specifications, Proposal and other Contract Documents hereto attached.

NOW THEREFORE, if said Principal shall well and truly in good, sufficient and workmanlike manner, and to the satisfaction of Obligee perform and complete the work required, and shall defend, indemnify and save harmless said Obligee against all damages, claims, demands, expense and charge of every kind (including claims of patent infringement) arising out of injury or damage to persons or property by reason or arising from any act, omission or neglect of said Principal, his agent, servants or employees with relation to said work; and shall pay all cost, charges, rentals and expenses for labor, material, supplies and equipment and deliver the said improvement to Obligee completed and ready for occupancy or operation, and free from all liens, encumbrances or claims for labor, material or otherwise; and shall pay all other expenses lawfully chargeable to Obligee by reason of any default or neglect of the said Principal in the relation of said agreement and said work, then this obligation shall be void, otherwise to remain in full force and effect.

PROVIDED FURTHER, that the said surety for value received hereby stipulates and agrees that no charge, extension of time, alteration or addition to the terms of the Contract, or the work to be performed thereunder, or the Specifications accompanying the same, shall in any way affect its obligation on this bond and does hereby waive notice of any change, extension of time, alteration or addition to the terms of the Contract, or to the work, or to the Specifications.

PROVIDED FURTHER, that if Principal, or his, or its subcontractor or subcontractors fail to duly pay for any labor, materials, team hire, sustenance provisions or any other supplies or materials used or consumed by such Principal or his, their or its subcontractors in performance of the work contracted to be done, the Surety will pay the same in any amount not exceeding the sum specified in the bond, together with interest as provided by law.

IN WITNESS THEREOF: Said Principal and Surety have hereunto set their hands and seals at _____ this _____ day of _____, 20__.

(SEAL)

WITNESSES:

PRINCIPAL

ADDRESS

Name of person executing for Principal

TITLE

SURETY

ADDRESS

WITNESSES:

Name of person executing for Surety

TITLE

GENERAL CONDITIONS

ARTICLE 1 - DEFINITIONS

Wherever used in these General Conditions or in the other Contract Documents, the following terms shall have the meaning indicated which shall be applicable to both the singular and plural thereof.

ACCEPTANCE: By the OWNER of the Work as being fully complete in accordance with the Contract Documents.

AGREEMENT: The written agreement between the OWNER and the CONTRACTOR covering the Work to be performed: The Contract Documents are attached to and made a part of the Agreement. Also designated as the Contract.

ADDENDA: Written or graphic instruments issued prior to the execution of the Agreement which modify or interpret the Contract Documents, Drawings and Specifications, by addition, deletions, clarifications or corrections.

APPLICATION FOR PAYMENT: The form furnished by the ENGINEER which is to be used by the CONTRACTOR in requesting progress payments and an affidavit of the CONTRACTOR that progress payments theretofore received from the OWNER on account of the WORK have been applied by the CONTRACTOR to discharge in full all of the CONTRACTOR'S obligations stated in prior Applications for Payment.

APPROVAL: Accept as satisfactory.

BID: The offer or proposal of the Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.

BIDDER: Any person, firm or corporation submitting a Bid for the Work.

BONDS: Bid, performance and payment bonds and other instruments of security furnished by the CONTRACTOR and his surety in accordance with the Contract Documents and in accordance with the law of the place of the project.

CHANGE ORDER: A written order to the CONTRACTOR signed by the OWNER authorizing an addition, deletion or revision in the Work, or an adjustment in the Contract Price or the Contract Time issued after execution of the Agreement.

CONTRACT DOCUMENTS: The Agreement, Addenda, Instruction's to Bidders, CONTRACTOR'S BID, the Bonds, the Notice of Award, these General Conditions,

the Supplementary conditions, Special Conditions, Technical Conditions, the Specifications, Drawings and Modifications, and Notice to Proceed.

CONTRACT PRICE: The total moneys payable to the CONTRACTOR under the Contract Documents.

CONTRACT TIME: The number of calendar days stated in the Agreement for the completion of the Work.

CONTRACTING OFFICER: The OWNER (Grantee) - The individual who is authorized to sign the contract documents on behalf of the OWNER'S governing body.

CONTRACTOR: The person, firm or corporation with whom the OWNER has executed the Agreement.

DAY: A calendar day of twenty-four hours measured from midnight to the next midnight.

DRAWINGS: The drawings which show the character and scope of the Work to be performed and which have been prepared or approved by the ENGINEER and are referred to in the Contract Documents.

ENGINEER: The person, firm or corporation named as such in the Contract Documents.

FIELD ORDER: A written order issued by the ENGINEER which clarifies or interprets the Contract Documents in accordance with Paragraph 9.3 or orders minor changes in the Work in accordance with paragraph 10.2.

HE, HIS, AND HIM: These are several pronouns that shall represent both male and female genders.

MODIFICATION: (a) A written amendment of the Contract Documents signed by both parties, (b) a Change Order (c) a written clarification or interpretation issued by the ENGINEER in accordance with paragraph 9.3 or (d) a written order for a minor change or alteration in the Work issued by the ENGINEER pursuant to paragraph 10.2. A modification may only be issued after execution of the Agreement.

NOTICE OF AWARD: The written notice by OWNER to the apparent successful Bidder stating that upon compliance with the conditions precedent to be fulfilled by him within the time specified, OWNER will execute and deliver the Agreement to him.

NOTICE TO PROCEED: A written notice given by OWNER to CONTRACTOR (with a copy to ENGINEER) fixing the date on which the Contract Time will commence to run and on which CONTRACTOR shall start to perform his obligations under the Contract Documents.

OWNER: A public body or authority, corporation, association, partnership, or individual for whom the Work is to be performed.

PROJECT: The entire construction to be performed as provided in the Contract Documents.

CONSTRUCTION OBSERVER, RESIDENT INSPECTOR, CONSTRUCTION INSPECTOR, PROJECT REPRESENTATIVE: An authorized representative of the ENGINEER assigned to observe the Work performed and materials furnished by the CONTRACTOR or such other person as may be appointed by the OWNER as his representative. The CONTRACTOR shall be notified in writing of the identity of this representative.

SHOP DRAWINGS: All drawings, diagrams, illustrations, brochures, schedules and other data which are prepared by the CONTRACTOR, a Subcontractor, manufacturer, supplier or distributor and which illustrate the equipment, material or some portion of the Work and as required by the Contract Documents.

SAMPLES: Physical examples which illustrate materials, equipment or workmanship and establish standards by which the Work will be judged.

SPECIFICATIONS: Those portions of the Contract Documents consisting of written technical descriptions of materials, equipment, construction systems, standards and workmanship as applied to the Work.

SUBCONTRACTOR: An individual, firm or corporation having a direct contract with CONTRACTOR or with any other Subcontractor for the performance of a part of the Work at the site.

SUBSTANTIAL COMPLETION: Substantial completion may be granted for all or portions of the work prior to final completion and stopping of contract time. Substantial completion is defined as the date when the construction is sufficiently completed in accordance with the contract documents so that the project or specified part of the project can be utilized for the purpose for which it was intended. The contract provides that the retainer may be reduced for that portion of the work which substantial completion is granted, but the granting of substantial completion will not stop contract time or liquidated damages.

SUPPLEMENTARY GENERAL CONDITIONS: Federal and State conditions in effect at time of submission of Bid in addition to those Supplementary General

Conditions attached here to.

SUPPLIER: Any person or organization who supplies materials or equipment for the Work, including that fabricated to a special design, but who does not perform labor at the site.

SPECIAL CONDITIONS: When included as a part of the Contract Documents, Special Conditions refer only to the Work under this Contract.

SURETY: The corporate body which is bound with the CONTRACTOR and which engages to be responsible for the CONTRACTOR and his acceptable performance of the Work.

WORK: Any and all obligations, duties and responsibilities necessary to the successful completion of the Project assigned to or undertaken by CONTRACTOR under the Contract Documents, including all labor, materials, equipment and other incidentals, and the furnishing thereof.

WRITTEN NOTICE: The term "Notice" as used herein shall mean and include all written notices, demands, instructions, claims, approvals, and disapprovals required to obtain compliance with Contract requirements. Written notice shall be deemed to have been duly served if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or to an authorized representative of such individual, firm or corporation, or if delivered at or sent by registered mail to the last business address known to him who gives the notice. Unless otherwise stated in writing, any notice to or demand upon the OWNER under this Contract shall be delivered to the OWNER through the ENGINEER.

ARTICLE 2 - PRELIMINARY MATTERS:

AWARD:

2.2 The award of the Contract, if it is awarded, will be to the lowest and best responsible, responsive Bidder. No Notice of Award will be given until the OWNER has concluded such investigations as he deems necessary to establish the responsibility, qualifications, and financial ability of the Bidders to do the Work in accordance with the Contract Documents to the satisfaction of the OWNER within the time prescribed. The OWNER reserves the right to reject the BID of any Bidder who does not pass such investigation to the OWNER'S satisfaction. In analyzing Bids, the OWNER may take into consideration alternates and unit prices, if requested by the Bid Form. If the Contract is awarded, the OWNER will issue the NOTICE of AWARD and give the successful Bidder a contract for execution within sixty (60) days after the opening of Bids.

EXECUTION OF AGREEMENT:

2.3 At least three counterparts of the Agreement and such other Contract Documents will be executed and delivered by CONTRACTOR to the ENGINEER within 10 days of receipt from the OWNER.

FORFEITURE OF BID SECURITY:

2.4 Failure of the successful Bidder to execute and deliver the Agreement and deliver the required Bonds as stipulated in paragraph 2.3 shall be just cause for the OWNER to annul the Notice of Award and declare the Bid and any security therefore forfeited.

The quantities appearing in the bid schedule are approximate and have been prepared for comparison of bids. The OWNER does not guarantee or assume any responsibility that quantities shown on the plans will not vary during actual construction of the contract. The CONTRACTOR further acknowledges the possibility of variation of quantities, shall be precluded from claiming in the construction of the project, and the CONTRACTOR shall not claim deception or misunderstanding because of any variation in quantities, location, character of work, or any other condition. Payment will be made only for actual quantities of work performed and accepted.

The OWNER makes no guarantees regarding the character or extent of water levels, soil, rock, utilities, or any other subsurface condition the BIDDER may encounter during work. The OWNER requires BIDDERS to make their own evaluation of subsurface soil conditions and to determine how these conditions may affect methods of construction.

CONTRACTOR'S PRE-BID REPRESENTATIONS:

2.1 CONTRACTOR represents that he has familiarized himself with, and assumes full responsibility for having familiarized himself with, the nature and extent of the Contract Documents, Work, Locality, and local conditions and will obey all federal, state, and local laws, ordinances, rules and regulations that may in any manner affect performance of the Work, and represents that he has correlated his study and observations with the requirements of the Contract Documents. CONTRACTOR also represents that he has studied all surveys and investigation reports of subsurface and latent physical conditions referred to in the Specifications and made such additional surveys and investigations as he deems necessary for the performance of the Work at the Contract Price in accordance with the requirements of the Contract Documents and that he has correlated the results of all such data with the requirements of the Contract Documents.

COMMENCEMENT OF CONTRACT TIME:

2.5 The Contract Time will commence to run in accordance with the Notice to Proceed.

STARTING THE PROJECT:

2.6 CONTRACTOR shall start to perform his obligations under the Contract Documents on the date when the Contract Time commences to run. No Work shall be done at the site prior to the date on which the Contract Time commences to run, except with the written consent of the OWNER.

BEFORE STARTING CONSTRUCTION:

2.7 Before undertaking each part of the Work, CONTRACTOR shall carefully study and compare the Contract Documents and check and verify pertinent figures shown thereon and all applicable field measurements. He shall at once report in writing to ENGINEER any conflict, error or discrepancy which he may discover; however, he shall not be liable to OWNER or ENGINEER for his failure to discover any conflict, error or discrepancy in the Drawings or Specifications. CONTRACTOR shall pot-hole existing utilities to ascertain exact location throughout the entire project. CONTRACTOR shall notify the ENGINEER any such locations of utilities which will prevent the work from being performed as designed, any work performed in which conflicts with an existing utility shall be remedied by the CONTRACTOR at his sole expense.

SCHEDULE OF COMPLETION:

2.8 Within ten (10) days after delivery of the Notice to Proceed by OWNER to CONTRACTOR, CONTRACTOR shall submit to ENGINEER an estimated progress schedule with earnings indicating the starting and completion dates of the various stages of the Work, and a preliminary schedule of Shop Drawing submissions. (See paragraphs 6.22 through 6.26.) The ENGINEER shall review and return this schedule or require revisions thereto within 14 days of its submittal. If there is more than one CONTRACTOR involved in a project, the responsibility for coordinating the Work of all CONTRACTORS shall be as provided in the Special Conditions.

2.9 At a time deemed appropriate by the OWNER to but before starting the Work at the site, a preconstruction conference may be held to review the above schedules, to establish procedures for handling shop drawings and other submissions and for processing Applications for Payment, and to establish a working understanding between the parties as to the project. Present at the conference will be the OWNER or his representative, ENGINEER, Resident Project Representatives, CONTRACTOR and his Superintendent.

QUALIFICATION OF SUBCONTRACTORS MATERIALMEN AND SUPPLIERS:

2.10 Within ten (10) working days after bid opening, the CONTRACTOR will (if required) submit to the OWNER and the ENGINEER, for acceptance, a list of the names of Subcontractors and such other persons and organizations (including those who are to furnish principal items of material or equipment) proposed for those portions of the Work as to which the identity of the Subcontractors and other person and organizations must be submitted as specified in the Contract Documents. Within thirty (30) working days after receiving the list, the ENGINEER will notify the CONTRACTOR in writing if either the OWNER or the ENGINEER, after due investigation, has reasonable objection to any Subcontractor, person or organization on such list. The failure of the OWNER or the ENGINEER to make objection to any Subcontractor, person or organization on the list within thirty days of receipt shall constitute an acceptance of such Subcontractor, person or organization. Acceptance of any such Subcontractor, person or organization shall not constitute a waiver of any right of the OWNER or the ENGINEER to reject defective Work, material or equipment, or Work, material or equipment not in conformance with the requirements of the Contract Documents.

ARTICLE 3 - CORRELATION, INTERPRETATION AND INTENT OF CONTRACT DOCUMENTS:

3.1 It is the intent of the Specifications and Drawings to describe a complete Project to be constructed in accordance with the Contract Documents. The Contract Documents comprise the entire Agreement between the OWNER and the CONTRACTOR. They may be altered only by a Modification.

3.2 The Contract Documents are complementary; what is called for by one is as binding as if called for by all. If CONTRACTOR finds a conflict, error or discrepancy in the Contract Documents, he shall call it to the ENGINEER'S attention in writing at once and before proceeding with the Work affected thereby; however, he shall not be liable to OWNER or ENGINEER for his failure to discover any conflict, error or discrepancy in the Specifications or Drawings. The various Contract Documents shall be given precedence, in case of conflict, error or discrepancy, as follows: Agreement Modifications, Addenda, Special Conditions, and Instruction's to Bidders, General Conditions, Technical Specifications and Drawings. If the requirements of one are more stringent than the other, the more stringent requirements shall apply.

3.3 The words "furnish", "furnish and install", "install", and "provide" or words with similar meaning shall be interpreted, unless otherwise specifically stated, to mean "furnish and install complete in place and ready for service."

3.4 Miscellaneous items and accessories which are not specifically mentioned, but which are essential to produce a complete and properly operating installation, or usable structure or plant providing the indicated function, shall be furnished and installed without change in the Contract Price. Such miscellaneous items and accessories shall be of the same quality standards including material, style, finish, strength, class, weight and other applicable characteristics, as specified for the major component of which the miscellaneous item or accessory is an essential part, and shall be approved by the ENGINEER before installation. The above requirement is not intended to include major components not covered by or inferable from the Drawings and Specifications.

3.5 The Work of all trades under this Contract shall be coordinated by the CONTRACTOR in such a manner as to obtain the best workmanship possible for the entire Project, and all components of Work shall be installed or erected in accordance with the best practices of the particular trade.

3.6 Manufacturer's literature, when referenced, shall be dated and numbered and is intended to establish the minimum requirements acceptable. Whenever reference is given to codes or standard specifications or other data published by regulating agencies or accepted organizations, including but not limited to National Electrical Code, applicable State Building Code, Federal Specifications, ASTM Specifications, various institute specifications, and the like, it shall be understood that such reference is to the latest edition including addenda in effect on the date of Bid.

3.7 Brand names where used in the Technical Specifications, are intended to denote the standard of quality required for the particular material or product. The use of a brand name item is to set a standard of quality and is not intended to restrict the Contractor from offering an equal item from other source(s) of supply. The term "equal" or "equivalent" when used in connection with brand names, shall be interpreted to mean a material or product that is similar and equal in type, quality, size, capacity, composition, finish, color and other applicable characteristics to the material or product specified by trade name, and that is for the same use and capable of performing the same function, in the opinion of the ENGINEER, as the material or product so specified. Proposed equivalent items must be approved by ENGINEER before they are purchased or incorporated in the Work.

ARTICLE 4 - AVAILABILITY OF LANDS; SUBSURFACE CONDITIONS; REFERENCE POINTS:

Availability of Lands

4.1 The OWNER will furnish, as indicated in Contract Documents, the lands upon which the Work is to be done, rights-of-way for access thereto, and such other

lands which are designated for use of the CONTRACTOR. Easements for permanent structures or permanent changes in existing facilities will be obtained and paid for by the OWNER, unless otherwise specified in the Contract Documents. Other access to such lands or rights-of-way for the CONTRACTOR'S convenience shall be the responsibility of the CONTRACTOR. The CONTRACTOR will provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

4.2 The OWNER will, upon request, furnish to the BIDDERS copies of all available boundary surveys.

Subsurface Conditions:

4.3 The CONTRACTOR acknowledges that he has investigated prior to bidding and satisfied himself as to the conditions affecting the Work, including but not restricted to those bearing upon transportation, disposal, handling and storage of materials, availability of labor, water, electric power, roads and uncertainties of weather, river stages, tides, water tables or similar physical conditions at the site, the conformation and conditions of the grounds, the character of equipment and facilities needed preliminary to and during prosecution of the Work. The CONTRACTOR further acknowledges that he has satisfied himself as to the character, quality and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, including all exploratory work done on behalf of the OWNER on the site or any contiguous site, as well as from information presented by the Drawings and Specifications made a part of this Contract, or any other information made available to him prior to receipt of Bids. Any failure by the CONTRACTOR to acquaint himself with the available information will not relieve him from responsibility for estimating properly the difficulty or cost of successfully performing the Work. Any additional information necessary to ascertain subsurface soil conditions, including test holes and soil borings, not provided by the OWNER shall be undertaken by the BIDDER prior to bidding at his cost. Such exploration shall be adequate to satisfy the BIDDER of the materials expected to be encountered on the project. The OWNER assumes no responsibility for any conclusions or interpretations made by the CONTRACTOR on the basis of the information made available by the OWNER.

Differing Site Conditions

4.4 (a) The CONTRACTOR shall promptly, and before such conditions are disturbed, notify the OWNER in writing of: (1) subsurface or latent physical conditions at the site differing materially from those indicated in this contract, or (2) unknown physical conditions at the site, of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in this contract. The OWNER shall promptly

investigate the conditions, and if he finds that such conditions do materially so differ and cause an increase or decrease in the Contractor's cost of, or the time required for, performance of any part of the work under this contract, whether or not changed as a result of such conditions, an equitable adjustment shall be made and the contract modified in writing accordingly.

(b) No claim of the CONTRACTOR under this clause shall be allowed unless the CONTRACTOR has given the notice required in (a) above.

(c) No claim by the CONTRACTOR for an equitable adjustment hereunder shall be allowed if asserted after final payment under this contract.

ARTICLE 5 - BONDS AND INSURANCE:

Performance and Payment Bonds:

5.1 The contractor's attention is directed to the Information for Bidders and Supplement to General Conditions.

Contractor's Liability Insurance:

5.2 The CONTRACTOR shall provide the OWNER with insurance certificates certifying that all required insurance is in force; and such insurance certificates shall include provisions that the insurance shall not be canceled, allowed to expire or be materially changed without giving the OWNER advance notice by registered mail.

5.3 The CONTRACTOR agrees that if any part of the Work under the contract is sublet, he will require the Subcontractor(s) to carry insurance as required, and that he will require the Subcontractor(s) to furnish to him insurance certificates similar to those required by the OWNER in 5.1 and 5.2 above.

5.4 The CONTRACTOR agrees to add ENGINEER to insurance policy as additional insured.

Owner's Liability Insurance

5.4 The OWNER will be responsible for purchasing and maintaining his own liability insurance and, at his option, may purchase and maintain such insurance as will protect him against claims which may arise from operations under the Contract Documents.

Fire and Extended Coverage Insurance (Builders' Risk):

5.5 The CONTRACTOR shall maintain, as applicable, in an Insurance Company or Insurance Companies acceptable to the OWNER, Fire, Extended Coverage and

Vandalism & Malicious Mischief Insurance on buildings and structures, while in the course of construction, including foundations, additions, attachments and all permanent fixtures belonging to and constituting a part of said buildings or structures. The policy or policies shall also cover machinery, if the cost of machinery is included in the Contract. The amount of insurance should at all times be at least equal to the actual cash value of the insured property. The policy shall be in the name of the OWNER and the CONTRACTOR, as their interests may appear, and shall also cover the interests of all Subcontractors performing work.

5.6 The CONTRACTOR shall provide the OWNER with satisfactory evidence certifying that the foregoing insurance is in force; and such evidence shall include provisions that the insurance shall not be canceled, allowed to expire or be materially changed without giving the OWNER advance notice by registered mail.

Cancellation and Re-Insurance:

5.7 If any insurance should be canceled or changed by the insurance company or should any insurance expire during the period of this Contract, the CONTRACTOR shall be responsible for securing other acceptable insurance to provide the coverage specified in this section to maintain continuous coverage during the life of this Contract.

ARTICLE 6 - CONTRACTOR'S RESPONSIBILITIES:

Supervision and Superintendence:

6.1 The CONTRACTOR will supervise and direct the Work. He will be solely responsible for the means, methods, techniques, safety, sequences and procedures of construction. The CONTRACTOR will employ and maintain on the Work a qualified supervisor or superintendent who shall have been designated in writing by the CONTRACTOR as the CONTRACTOR'S representative at the site. The supervisor shall have full authority to act on behalf of the CONTRACTOR and all communications given to the supervisor shall be as binding as if given to the CONTRACTOR. The supervisor shall be present on the site at all times as required to perform adequate supervision and coordination of the Work. (Copies of written communications given to the Superintendent shall be mailed to the Contractor's home or office.)

Labor, Materials and Equipment:

6.2 The CONTRACTOR will provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. He will at all times maintain good discipline and order at the site.

6.3 The CONTRACTOR will furnish all materials, equipment, labor, transportation,

construction equipment and machinery, tools, appliances, fuel, power, light, heat, local telephone, water and sanitary facilities and all other facilities and incidentals necessary for the execution, testing, initial operation and completion of the Work.

6.4 All materials and equipment will be new, except as otherwise provided in the Contract Documents. When special makes or grades of material which are normally packaged by the supplier or manufacturer are specified or approved, such materials shall be delivered to the site in their original packages or container with seals unbroken and labels intact.

6.5 All materials and equipment shall be applied, handled, installed, connected, erected, used, cleaned and conditioned in accordance with the instructions of the applicable manufacturer, fabricator or processors and industry standards, except as otherwise provided in the Contract Documents.

Materials, Equipment, Products and Substitutions:

6.6 Materials, equipment and products incorporated in the Work must be approved for use before being purchased by the CONTRACTOR. The CONTRACTOR shall submit to the ENGINEER a list of proposed materials, equipment or products, together with such samples as may be necessary for him to determine their acceptability and obtain his approval, within ninety (90) calendar days after award of Contract. No request for payment for "or equal" equipment will be approved until this list has been received and approved by the ENGINEER.

6.6.1 Whenever a material, article or piece of equipment is identified on the drawings or Specifications by reference to brand names or catalogue number, it shall be understood that this is referenced for the purpose of defining the performance or other salient requirements and that other products of equal capacities, quality and function shall be considered. The CONTRACTOR may recommend the substitution of a material, article, or piece of equipment of equal substance and function for those referred to in the Contract Documents by reference to brand names or catalog number, and if, in the opinion of the ENGINEER, such material, article, or piece of equipment is of equal substance and function to that specified, the ENGINEER may approve its substitution and use by the CONTRACTOR. Incidental charges or extra component parts required to accommodate the substitute will be made by the CONTRACTOR without a change in the Contract Price, or Contract Time.

6.6.2 No substitute shall be ordered or installed without the written approval of the ENGINEER who shall be the judge of equality.

6.6.3 Delay caused by obtaining approvals for substitute materials will not be considered justifiable grounds for an extension of construction time.

6.6.4 Should any work or materials, equipment or products not conform to requirements of the Drawings and Specifications or become damaged during the process of the Work, such Work or materials shall be removed and replaced, together with any work disarranged by such alterations, at any time before completion and acceptance of the Project. All such work shall be done at the expense of the CONTRACTOR. (See paragraph 7.10)

6.6.5 No materials or supplies for the Work shall be purchased by the CONTRACTOR or by any Subcontractor subject to any chattel mortgage or under a conditional sale or other agreement by which an interest is retained by the Seller. The CONTRACTOR warrants that he has good title to all materials and supplies used by him in the Work.

Concerning Subcontractors:

6.7 The CONTRACTOR will not employ any Subcontractor, other person or organization of the types referred to in paragraph 2.10 (whether initially or as a substitute) against whom the OWNER or the ENGINEER may have reasonable objection, nor will the CONTRACTOR be required to employ any Subcontractor against whom he has reasonable objection. The CONTRACTOR will not make any substitution for any Subcontractor who has been accepted by the OWNER and the ENGINEER, unless the ENGINEER determines that there is good cause for doing so.

6.8 The CONTRACTOR shall be fully responsible for all acts and omissions of his Subcontractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts any of them may be liable to the same extent that he is responsible for the acts and omissions of persons directly employed by him. Nothing in the Contract Documents shall create any contractual relationship between OWNER or ENGINEER and any Subcontractor or other person or organization having a direct contract with CONTRACTOR, nor shall it create any obligation on the part of OWNER or ENGINEER to pay or to see to the payment of any moneys due any Subcontractor or other person or organization, except as may otherwise be required by law. OWNER or ENGINEER may furnish to any Subcontractor or other person or organization, to the extent practicable, evidence of amounts paid to CONTRACTOR on account of specific Work done in accordance with the schedule of values.

6.9 The divisions and sections of the Specifications and the identifications of any drawings shall not control the CONTRACTOR in dividing the work among Subcontractors or delineating the Work to be performed by any specific trade.

6.10 The CONTRACTOR agrees to bind specifically every Subcontractor to the applicable terms and conditions of the Contract Documents for the benefit of the OWNER.

6.11 All Work performed for the CONTRACTOR by a Subcontractor shall be pursuant to an appropriate agreement between the CONTRACTOR and the Subcontractor.

6.12 The CONTRACTOR shall be responsible for the coordination of the trades, Subcontractors and material men engaged upon his Work.

6.12.1 The CONTRACTOR shall cause appropriate provisions to be inserted in all subcontracts relative to the Work to bind Subcontractors to the CONTRACTOR by the terms of these General Conditions and other Contract Documents insofar as applicable to the Work of Subcontractors, and to give the CONTRACTOR the same power as regards terminating any subcontract that the OWNER may exercise over the CONTRACTOR under any provisions of the Contract Documents.

6.12.2 The OWNER or ENGINEER will not undertake to settle any differences between the CONTRACTOR and his Subcontractors or between Subcontractors.

6.12.3 If in the opinion of the ENGINEER, any Subcontractor on the project proves to be incompetent or otherwise unsatisfactory, he shall be replaced if and when directed in writing.

Patent Fees and Royalties:

6.13 The CONTRACTOR will pay all license fees and royalties and assume all costs incident to the use of any invention, design, process or device which is the subject of patent rights or copyrights held by others. He will indemnify and hold harmless the OWNER and ENGINEER and anyone directly or indirectly employed by either of them from and against all claims, damages, losses, and expenses (including attorneys' fees) arising out of any infringement of such rights during or after completion of the Work, and shall defend all such claims in connection with any alleged infringement of such rights.

6.14 The CONTRACTOR shall be responsible for determining the application of patent rights and royalties on materials, appliances, articles or systems prior to bidding. However, he shall not be responsible for such determination on systems which do not involve purchase by him of materials, appliances, and articles.

Permits:

6.15 The CONTRACTOR will secure and pay for all construction permits and licenses and will pay all governmental charges and inspection fees necessary for the prosecution of the Work, which are applicable at the time of his Bid. When such charges are normally made by the OWNER, there will be no charges to the CONTRACTOR. The OWNER shall assist the CONTRACTOR, when necessary, in obtaining such permits and licenses. The CONTRACTOR will also pay all public

utility charges.

Laws and Regulations:

6.16 The CONTRACTOR will give all notices and comply with all laws, ordinances, rules and regulations applicable to the Work. If the CONTRACTOR observes that the Specifications or Drawings are at variance therewith, he will give the ENGINEER prompt written notice thereof, and any necessary changes shall be adjusted by an appropriate Modification. If the CONTRACTOR performs any Work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the ENGINEER, he will bear all costs arising wherefrom; however, it shall not be his primary responsibility to make certain that the Drawings and Specifications are in accordance with such laws, ordinances, rules and regulations.

Taxes:

6.17 Cost of all sales and other taxes for which the CONTRACTOR is liable under the Contract shall be included in the Contract Price stated by the CONTRACTOR.

Record Drawings:

6.18 The CONTRACTOR will keep one record copy of all Specifications, Drawings, Addenda, Modifications, and Shop Drawings at the site in good order and annotated to show all changes made during the construction process. These shall be available to the Engineer and shall be delivered to him for the OWNER upon completion of the Project. It shall be used for this purpose only.

Safety and Protection:

6.19 The CONTRACTOR will be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. He will take all necessary precautions for the safety of, and will provide the necessary protection to prevent damage, injury or loss to:

6.19.1 All employees on the work and other persons who may be affected thereby.

6.19.2 All the Work and all materials or equipment to be incorporated therein, whether in storage on or off the site.

6.19.3 Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

6.20 The CONTRACTOR will designate a responsible member of his organization at

the site whose duty shall be the prevention of accidents. This person shall be the CONTRACTOR'S superintendent unless otherwise designated in writing by the CONTRACTOR to the OWNER.

Emergencies:

6.21 In emergencies affecting the safety of persons or the Work or property at the site or adjacent thereto, the CONTRACTOR, without special instruction or authorization from the ENGINEER or OWNER, is obligated to act, at his discretion, to prevent threatened damage, injury or loss. He will give the ENGINEER prompt written notice of any significant changes in the Work or deviations from the Contract Documents caused thereby, and a Change Order shall be issued covering the changes and deviations involved. If the CONTRACTOR believes that additional work done by him in an emergency which arose from causes beyond his control entitles him to an increase in the Contract Price or an extension of the Contract Time, he may make a claim therefore as provided in Articles 11 & 12.

Shop Drawing and Samples:

6.22 After checking and verifying all field measurements, the CONTRACTOR will submit to the ENGINEER for review, in accordance with the accepted schedule of Shop Drawing submissions (see paragraph 2.9) three (3) copies (or at the ENGINEER'S option, one reproducible copy) of all Shop Drawings, which shall have been checked by and stamped with the approval of the CONTRACTOR. The data shown on the Shop Drawings will be complete with respect to dimensions, design criteria, materials of construction and the like to enable the ENGINEER to review the information as required.

6.23 The CONTRACTOR will also submit to the ENGINEER for review, with such promptness as to cause no delay in Work, all samples required by the Contract Documents. All samples will have been checked by and stamped with the approval of the CONTRACTOR, identified clearly as to material, manufacturer, any pertinent catalog numbers and the use for which intended.

6.24 At the time of each submission, the CONTRACTOR will in writing call the ENGINEER'S attention to any deviations that the Shop Drawings or sample may have from the requirements of the Contract Documents.

6.25 The ENGINEER will review with reasonable promptness Shop Drawings and samples, but his review shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents. The review of a separate item as such will not indicate review of the assembly in which the item functions. The CONTRACTOR will make any corrections required by the ENGINEER and will return the required number of corrected copies of Shop Drawings and resubmit new samples until the review is

satisfactory to the ENGINEER. The CONTRACTOR shall direct specific attention in writing or on resubmitted Shop Drawings to revisions other than the corrections called for by the ENGINEER on previous submissions. The CONTRACTOR'S stamp of approval on any Shop Drawings or sample shall constitute a representative to the OWNER and the ENGINEER that the CONTRACTOR has either determined and verified all quantities, dimensions, field construction criteria, materials, catalogue numbers and similar data or he assumes full responsibility for doing so, and that he has reviewed or coordinated each Shop Drawings or sample with the requirements of the Work and the Contract Documents.

6.26 No Work requiring a Shop Drawing or sample submission shall be commenced until the submission has been reviewed by the ENGINEER. A copy of each Shop Drawing and each approved sample shall be kept in good order by the CONTRACTOR at the site and shall be available to the ENGINEER.

6.27 The ENGINEER'S review of Shop Drawings or samples shall not relieve the CONTRACTOR from his responsibility for any deviations from the requirements of the Contract Documents unless the CONTRACTOR has in writing called the ENGINEER'S attention to such deviation at the time of submission and the ENGINEER has given written approval to the specific deviation, nor shall any review by the ENGINEER relieve the CONTRACTOR from responsibility for errors or omission in the Shop Drawings.

Cleaning Up:

6.28 The CONTRACTOR shall clean up behind the Work as much as is reasonably possible as the Work progresses. Upon completion of the Work, and before acceptance of and final payment for the Project by the OWNER, the CONTRACTOR shall remove all his surplus and discarded materials excavated material and rubbish from the roadways, sidewalks, parking areas, lawns and all adjacent property; shall clean his portion of Work involved in any building under this Contract, so that no further cleaning by the OWNER is necessary prior to his occupancy; shall restore all property, both public and private, which has been disturbed or damaged during the prosecution of the Work; and shall leave the whole in a neat and presentable condition.

6.29 Clean-up operations shall consistently be carried on by the CONTRACTOR at all times to keep the premises free from accumulation of waste materials and rubbish. Upon completion of the Work he shall remove all rubbish, tools, scaffolding, surplus materials, etc., and shall leave his work "broom clean", or its equivalent, unless more exactly specified elsewhere in the Contract. The CONTRACTOR shall do the cleaning for all trades upon completion of the Work.

6.30 General. In case of dispute, the OWNER may remove the rubbish and charge the cost to the CONTRACTOR as the ENGINEER shall determine to be just.

Public Convenience and Safety:

6.31 The CONTRACTOR shall, at all times, conduct the Work in such a manner as to insure the least practicable obstruction to public travel. The convenience of the general public and of the residents along and adjacent to the area of the Work shall be provided for in a satisfactory manner, consistent with the operation and local conditions. "Street Closed" signs shall be placed immediately adjacent to the Work, in a conspicuous position at such locations as traffic demands in accordance with the MUTCD. At any time that streets are required to be closed, the CONTRACTOR shall notify law enforcement agencies, fire departments, and parties operating emergency vehicles before the street is closed and again as soon as it is opened. Access to fire hydrants and other fire extinguishing equipment shall be provided and maintained at all times. The CONTRACTOR shall keep the portion of the project being used by the public in satisfactory condition. It may become necessary for the CONTRACTOR to sweep the roadway surface to completely remove debris.

Sanitary Provisions:

6.32 The CONTRACTOR shall furnish necessary toilet conveniences, secluded from public observation, for use of all personnel on the Work, whether or not in his employ. They shall be kept in a clean and sanitary condition and shall comply with the requirements and regulations of the Public Authorities having jurisdiction. He shall commit no public nuisance. Temporary sanitary facilities shall be removed upon completion of the Work and the premises shall be left clean.

Indemnification:

6.33 The CONTRACTOR will indemnify and hold harmless the OWNER and the ENGINEER and their agents and employees from and against all claims, damages, losses, and expenses including attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claim, damage, loss, or expense (a) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than Work itself) including the loss of use resulting wherefrom and (b) is caused in whole or in part by any negligent act or omission of the CONTRACTOR, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

6.34 In any and all claims against the OWNER or the ENGINEER or any of their agents or employees, by any employee of the CONTRACTOR, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under paragraph 6.33 shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the CONTRACTOR or any

Subcontractor under workmen's compensation acts, disability benefit acts or other employee benefit acts.

6.35 The obligations of the CONTRACTOR under paragraph 6.33 shall not extend to the liability of the Engineer's negligent acts, errors or omissions or those of his employees or agents.

Responsibility for Connecting to Existing Work:

6.36 It shall be the express responsibility of the CONTRACTOR to connect his Work to each part of the existing work or work previously installed as required by the Drawings and Specifications to provide a complete installation.

Work in Street, Highway and Other Rights-of-Way:

6.37 Excavation, grading, fill, storm drainage, paving and any other construction or installations in rights-of-way of streets, highways, public carrier lines, utility lines (either aerial, surface or subsurface), etc., shall be done in accordance with requirements of the Contract Documents. The CONTRACTOR will be responsible for obtaining all permits necessary for the work. Upon completion of the Work, CONTRACTOR shall present to ENGINEER certificates, in triplicate, from the proper authorities stating that the Work has been done in accordance with their requirements.

6.37.1 The OWNER will cooperate with the CONTRACTOR in obtaining action from any utilities or public authorities involved in the above requirements.

6.37.2 The ENGINEER shall be responsible for obtaining elevations of curbs and gutters, pavement, storm drainage structures, and other such items which must be established by governmental departments as soon as grading operations are begun on the site and, in any case, sufficiently early in the construction period to prevent any adverse effect on the Project.

Cooperation with Governmental Departments, Public Utilities, Etc.:

6.38 The OWNER shall be responsible for making all necessary arrangements with governmental departments, public utilities, public carriers, service companies and corporations owning or controlling roadways, railways, water, sewer, gas, electrical, telephone, and telegraph facilities such as pavements, tracks, piping, wires, cables, conduits, poles, guys, etc., including incidental structure connected therewith, that are encountered in the work in order that such items may be properly shored, supported and protected, or the CONTRACTOR may relocate them if he so desires. The CONTRACTOR shall give all proper notices, shall comply with requirements of such parties in the performance of his Work, shall permit entrance of such parties on the Project in order that they may perform their necessary work, and shall pay

all charges and fees made by such parties for this work.

6.38.1 The CONTRACTOR'S attention is called to the fact that there may be delays on the Project due to work to be done by governmental departments, public utilities, and others in repairing or moving poles, conduits, etc. The CONTRACTOR shall cooperate with the above parties, in every way possible, so that the construction can be completed in the least possible time.

6.38.2 The CONTRACTOR shall have made himself familiar with all codes, laws, ordinances and regulations which in any manner affect those engaged or employed in the Work, or materials and equipment used in or upon the Work, or in any way affect the conduct of the Work, and no plea of misunderstanding will be considered on account of his ignorance thereof.

Use of Premises:

6.39 CONTRACTOR shall confine his apparatus, storage of materials, and operations of his workmen to limits indicated by law, ordinances, permits, and directions of ENGINEER and OWNER, and shall not unnecessarily encumber any part of site.

6.39.1 CONTRACTOR shall not overload or permit any part of any structure to be loaded with such weight as will endanger its safety, nor shall he subject any part of the Work to stresses or pressures that will endanger it.

6.39.2 CONTRACTOR shall enforce OWNER'S instructions in connection with signs, advertisements, fires and smoking.

6.39.3 CONTRACTOR shall arrange and cooperate with OWNER in routing and parking of automobiles of his employees, subcontractors and other personnel and in routing material delivery trucks and other vehicles to the Project Site.

Protection of Existing Property Improvements:

6.40 Any existing surface or subsurface improvements, such as pavements, curbs, sidewalks, pipes or utilities, footings or structures (including portions thereof), trees, and shrubbery not indicated on the Drawings or noted in the Specifications as being removed or altered shall be protected from damage during construction of the Project. Any such improvements damaged during construction of the Project shall be restored to a condition equal to that existing at time of award of Contract.

Temporary Heat:

6.41 The General CONTRACTOR shall provide heat, fuel and services as necessary

to protect all work and materials, within all habitable areas of permanent building construction, for all contracts against injury from dampness and cold until final acceptance of all work and materials for the Project, unless building is fully occupied by the OWNER prior to such acceptance, in which case the OWNER shall assume all expenses of heating from date of full occupancy. In areas outside those covered above, each prime contractor shall be responsible for providing such temporary heat, fuel and services as required to protect his work or shall make all necessary arrangements with the General CONTRACTOR for providing such temporary heat, fuel and services. Unless otherwise specifically permitted by Special Conditions, the permanent heating system shall not be used to provide temporary heat. CONTRACTOR'S proposed methods of heating shall be submitted for approval.

ARTICLE 7 - WORK BY OTHERS:

7.1 The OWNER may perform additional work related to the Project by himself, or he may let other direct contracts therefore which shall contain General Conditions similar to these. The CONTRACTOR will afford the other contractors who are parties to such direct contracts (or the OWNER, if he is performing the additional work himself), reasonable opportunity for the introduction and storage of materials and equipment and the execution of work, and shall properly connect and coordinate his Work with theirs.

7.2 If any part of the CONTRACTOR'S work depends for proper execution or results upon the work of any such other CONTRACTOR (or the OWNER), the CONTRACTOR will promptly report to the ENGINEER in writing any defects or deficiencies in such work that render it unsuitable for such proper execution and results.

7.3 The CONTRACTOR will do all cutting, fitting, and patching of his Work that may be required to make its several parts come together properly and fit it to receive or be received by such other work. The CONTRACTOR will not endanger any work of others by cutting, excavating or otherwise altering their work and will only cut or alter their work with the written consent of the ENGINEER and of the other contractors whose work will be affected.

7.4 If the performance of additional work by other contractors or the OWNER is not noted in the Contract Documents prior to the execution of the Contract, written notice thereof shall be given to the CONTRACTOR prior to starting any such additional work. If the CONTRACTOR believes that the performance of such additional work by the OWNER or others involves him in additional expense or entitles him to an extension of the Contract Time, he may make a claim therefore as provide in Articles 11 and 12.

7.5 Where practicable, the CONTRACTOR shall build around the work of other

separate contractors or shall leave chases, slots and holes as required to receive and to conceal within the general construction work the work of such other separate contractors as directed by them. Where such chases, slots, etc., are impracticable, the work shall require specific approval of the ENGINEER.

7.6 Necessary chases, slots and holes not built or left by the CONTRACTOR shall be cut by the separate contractor requiring such alterations after approval of the CONTRACTOR. The CONTRACTOR shall do all patching and finishing of his Work where cut by other contractors at the expense of such other contractors.

7.7 Cooperation is required in the use of site facilities and in the detailed execution of the Work. Each contractor shall coordinate his operations with those of the other contractors for the best interest of the Work in order to prevent delay in the execution thereof.

7.8 Each contractor shall keep himself informed of the progress of the work of other contractors. Should lack of progress or defective workmanship on the part of other contractors interfere with his operations, the CONTRACTOR shall notify the ENGINEER immediately. Lack of such notice to the ENGINEER will be construed as acceptance by the CONTRACTOR of the status of the work of other contractors as being satisfactory for proper coordination of his own work.

7.9 Each contractor shall give notices of the progress of his work so as to allow other contractors adequate opportunity to properly direct and coordinate their work. The CONTRACTOR shall give notices of the progress of his Work so that work of other contractors, when required to be concealed, may be placed before the general construction Work. All such notices shall be submitted to the ENGINEER with copies to other prime contractors on the Project sufficiently ahead of job progress to permit adequate time for the other prime contractors to coordinate their work.

7.10 The cost of extra work resulting from lack of notices, untimely notices, failure to respond to notices, defective work or lack of coordination shall be borne by the CONTRACTOR responsible for such lack of notices, etc.

ARTICLE 8 - OWNER'S RESPONSIBILITIES:

8.1 The OWNER will issue all communications to the CONTRACTOR through the ENGINEER.

8.2 In case of termination of the employment of the ENGINEER, the OWNER will appoint an engineer against whom the CONTRACTOR makes no reasonable objection, whose status under the Contract Documents shall be that of the former ENGINEER. Any dispute in connection with such appointment shall be subject to arbitration, if mutually agreeable.

8.3 The OWNER will furnish the data required of him under the Contract Documents promptly and shall make payments to the CONTRACTOR promptly after they are due as provided in Article 14.

8.4 OWNER'S duties in respect of providing lands and easements and providing engineering surveys to establish reference points are set forth in paragraphs 4.1, 4.4 and the Special Conditions. Paragraphs 4.2 and 4.3 refer to OWNER'S identifying and making available to CONTRACTOR copies of surveys and investigation reports of subsurface and latent physical conditions at the site or otherwise affecting performance of the Work which have been relied upon by ENGINEER in preparing the Drawings and Specifications.

8.5 The OWNER'S responsibilities in respect of liability and property insurance are set forth in paragraph 5.4.

8.6 In addition to his rights to request changes in the Work in accordance with Article 10, the OWNER (especially in certain instances as provided in paragraph 10.4) will be obligated to execute Change Orders.

8.7 In connection with the OWNER'S right to stop Work or suspend Work; see paragraph 15.1. Paragraph 15.3 deals with the OWNER'S right to terminate services of the CONTRACTOR under certain circumstances.

8.8 The OWNER shall have the right to take possession of and use any completed or partially completed portions of the Work, notwithstanding the fact that the time for completing the entire Work or any portion thereof may not have expired; but such taking possession and use shall not be deemed an acceptance of any Work not completed in accordance with the Contract Documents. If such prior use increases the cost of or delays the Work, the CONTRACTOR shall be entitled to such extra compensation or extension of time or both, except by prior agreement, as the ENGINEER may determine. See paragraph 14.11.

ARTICLE 9 - ENGINEER'S STATUS DURING CONSTRUCTION:

Owner's Representative:

9.1 The ENGINEER shall be the OWNER'S representative during the construction period. The duties and responsibilities and the limitations of authority of the ENGINEER as the OWNER'S representative during construction are set forth in Articles 1 through 17 of these General Conditions and shall not be extended without written consent of the OWNER and the ENGINEER.

9.1.1 The ENGINEER'S decision, in matters relating to aesthetics shall be final, if within the terms of the Contract Documents.

9.1.2 Except as may be otherwise provided in this contract all claims, counter-claims, disputes and other matters in question between the OWNER and the CONTRACTOR arising out of or relating to this agreement or the breach thereof will be decided by arbitration if the parties hereto mutually agree, or in a court of competent jurisdiction within the State in which the OWNER is located.

Visits to Site:

9.2 The ENGINEER will make periodic visits to the site to observe the progress and quality of the executed Work and to determine, in general, if the Work is proceeding in accordance with the Contract Documents. He will not be required to make continuous on-site observations to check the quality or quantity of the Work. His efforts will be directed toward ascertaining on behalf of the OWNER that the completed Project will conform to the requirements of the Contract Documents. On the basis of his on-site observations as an experienced and qualified design professional, he will keep the OWNER informed of the progress of the Work and will endeavor to guard the OWNER against defects and deficiencies in the Work of contractors.

Clarifications and Interpretations:

9.3 The ENGINEER will issue with reasonable promptness such written clarification or interpretations of the Contract Documents (in the form of Drawings or otherwise) as he may determine necessary, which shall be consistent with or reasonably inferable from the overall intent of the Contract Documents. If the Contractor believes that a written clarification and interpretation entitles him to an increase in the Contract Price or extension of Contract Time, he may make a claim therefore as provided in Articles 11 and 12.

Measurement of Quantities:

9.4 All Work completed under the Contract will be measured by the CONTRACTOR according to the United States Standard Measures. All linear surface measurements will be made horizontally or vertically as required by the item measured.

Rejecting Defective Work:

9.5 The ENGINEER will have authority to disapprove or reject Work which is "defective" (which term is hereinafter used to describe Work that is unsatisfactory, faulty or defective, or does not meet the requirements of any inspection, test or approval or has been damaged prior to final acceptance). He will also have authority to require special inspection or testing of the Work whether or not the Work is fabricated, installed or completed.

Shop Drawings, Change Orders and Payments:

9.6 In connection with the ENGINEER'S responsibility as to Shop Drawings and samples, see paragraphs 6.22 through 6.27, inclusive.

9.7 In connection with the ENGINEER'S responsibility for Change Orders; see Articles 10, 11, and 12.

9.8 In connection with the ENGINEER'S responsibilities in respect of Application for Payment, etc., see Article 14.

Resident Project Representative:

9.9 The OWNER or the ENGINEER will provide on-site representation sufficient to guarantee that construction is in general compliance with the construction drawings and the contract specifications.

Decisions on Disagreements:

9.10 The ENGINEER will be the initial interpreter of the terms and conditions of the Contract Documents and the judge of the performance hereunder. In his capacity as interpreter and judge, he will exercise his best efforts to insure faithful performance by both the OWNER and the CONTRACTOR. He will not show partiality to either and shall not be liable for the result of any interpretation or decision rendered in good faith. Claims, disputes and other matters relating to the execution and progress of the Work or the interpretation of or performance under the Contract Documents shall be referred initially to the ENGINEER for decision; which he shall render in writing within a reasonable time.

9.11 Either the OWNER or the CONTRACTOR, if the other agrees, may request legal action with respect to any such claim, dispute or other matter that has been referred to the ENGINEER, except any which have been waived by the making or acceptance of final payment as provided in paragraph 14.11, such legal action to be in accordance with Article 16. However, no request for legal action of any such claim, dispute or other matter shall be made until the earlier of (a) the date on which the ENGINEER has rendered his decision or (b) the tenth day after the parties have presented their evidence to the ENGINEER if he has not rendered his written decision before that date. No request for legal action shall be made later than thirty (30) days after the date on which the ENGINEER rendered his written decision in respect of the claim, dispute or other matter as to which legal action is sought; and the failure to request legal action within said thirty (30) days period shall result in the ENGINEER'S decision being final and binding upon the OWNER and the CONTRACTOR. If the ENGINEER renders a decision after legal proceedings have been initiated, such decision may be entered as evidence but shall not supersede

the legal proceedings, except where the decision is acceptable to the parties concerned.

Limitations on Engineer's Responsibilities:

9.12 Neither the ENGINEER'S authority to act under this Article 9 nor any decision made by him in good faith either to exercise or not exercise such authority shall give rise to any duty or responsibility of the ENGINEER to the CONTRACTOR, any Subcontractor, any of their agents or employees or any other person performing any of the Work.

9.13 The ENGINEER will not be responsible for the construction means, methods, techniques, sequences or procedures, or the safety precautions and programs incident thereto, and he will not be responsible for the CONTRACTOR's failure to perform the Work in accordance with the Contract Documents.

9.14 The ENGINEER will not be responsible for the acts or omissions of the CONTRACTOR, or any Subcontractors, or any of his or their agents or employees, or any other person performing any of the Work.

ARTICLE 10 - CHANGES IN THE WORK:

10.1 Without invalidating the Agreement, the OWNER may, at any time or from time to time, order additions, deletions or revisions in the Work; these will be authorized by Change Orders. Upon receipt of a Change Order, the CONTRACTOR will proceed with the Work involved. All such Work shall be executed under the applicable conditions of the Contract Documents. If any Change Order causes an increase or decrease in the Contract Price or an extension or shortening of the Contract Time, an equitable adjustment will be made as provided in Article 11 or Article 12. A Change Order signed by the CONTRACTOR indicates his agreement therewith.

10.2 The ENGINEER may authorize minor changes or alterations in the Work not involving extra cost and not inconsistent with the overall intent of the Contract Documents. These may be accomplished by a Field Order. If the CONTRACTOR believes that any minor change or alteration authorized by the ENGINEER entitles him to an increase in the Contract Price or extension of Contract Time, he may make a claim therefore as provided in Articles 11 and 12.

10.3 Additional Work performed by the CONTRACTOR without authorization of a Change Order will not entitle him to an increase in the Contract Price or an extension of the Contract Time, except in the case of an emergency as provided in paragraph 6.21 and except as provided in paragraph 10.2.

10.4 The OWNER will execute appropriate Change Orders prepared by the

ENGINEER covering changes in the Work to be performed as provided in paragraph 4.4, and Work performed in an emergency as provided in paragraph 6.21 and any other claim of the CONTRACTOR for a change in the Contract Time or the Contract Price which is approved by the ENGINEER.

10.5 It is the CONTRACTOR'S responsibility to notify his surety of any changes affecting the general scope of the Work or change in the Contract Price and the amount of the applicable bonds shall be adjusted accordingly. The CONTRACTOR will furnish proof of such adjustment to the OWNER.

ARTICLE 11 - CHANGE OF CONTRACT PRICE:

11.1 The Contract Price constitutes the total compensation payable to the CONTRACTOR for performing the Work. All duties, responsibilities and obligations assigned to or undertaken by the CONTRACTOR shall be at his expense without changing the Contract Price.

11.2 (a) The OWNER may, at any time, without notice to the sureties, by written order designated or indicated to be a change order, make any change in the Work within the general scope of the contract, including but not limited to changes:

- (1) In the specifications (including drawings and designs);
- (2) In the method or manner of performance of the work;
- (3) In the Owner-furnished facilities, equipment, materials, services, or site; or
- (4) Directing acceleration in the performance of the work.

(b) Any other written order or an oral order (which terms as used in this paragraph (b) shall include direction, instruction, interpretation or determination) from the OWNER, which causes any such change, shall be treated as a change order under this clause, provided that the CONTRACTOR gives the OWNER written notice stating the date, circumstances, and source of the order and that the CONTRACTOR regards the order as a change order.

(c) Except as herein provided, no order, statement, or conduct of the OWNER shall be treated as a change under this clause or entitle the Contractor to an equitable adjustment hereunder.

(d) If any change under this clause causes an increase or decrease in the CONTRACTOR'S cost of, or the time required for, the performance of any part of the work under this contract, whether or not changed by any order, an equitable adjustment shall be made and the contract modified in writing accordingly: PROVIDED, HOWEVER, that except for claims based on defective specifications, no claim for any change under (b) above shall be allowed for any costs incurred more than 20 days before the CONTRACTOR gives written notice as therein required. And provided further, that in the case of defective specifications for which the

OWNER is responsible, the equitable adjustment shall include any increased cost reasonably incurred by the CONTRACTOR in attempting to comply with such defective specifications.

(e) If the CONTRACTOR intends to assert a claim for an equitable adjustment under this clause, he must, within 30 days after receipt of a written change order under (a) above or the furnishing of a written notice under (b) above, submit to the OWNER a written statement setting forth the general nature and monetary extent of such claim, unless this period is extended by the OWNER. The statement of claim hereunder may be included in the notice under (b) above.

(f) No claim by the CONTRACTOR for an equitable adjustment hereunder shall be allowed if asserted after final payment under this contract.

11.3 The value of any Work covered by a Change Order or of any claim for an increase or decrease in the Contract Price shall be determined in one of the following ways:

11.3.1 Where the Work involved is covered by unit prices contained in the Contract Documents by application of unit prices to the quantities of the items involved.

11.3.2 By negotiated lump sum.

11.3.3 The actual cost for labor, direct overhead, materials, supplies, equipment, and other services necessary to complete the work plus a fixed amount to be agreed upon to cover the cost of general overhead and profit to be negotiated.

11.4 The term Cost of the Work means the sum of all costs necessarily incurred and paid by the CONTRACTOR in the proper performance of the Work. Except as otherwise maybe agreed to in writing by OWNER, such costs shall be in amounts no higher than those prevailing in the locality of the Project, shall include only the following items and shall not include any of the costs itemized in paragraph 11.5:

11.4.1 Payroll costs for employees in the direct employ of CONTRACTOR in the performance of the Work under schedules of job classifications agreed upon by OWNER and CONTRACTOR. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to salaries and wages plus the costs of fringe benefits which shall include social security contributions, unemployment, excise and payroll taxes, workmen's compensation, health and retirement benefits, bonuses, sick leave, vacation and holiday pay applicable thereto. Such employees shall include superintendents and foremen at the site. The expenses of performing work after regular working hours, on Sunday or legal holidays shall be included in the above to the extent authorized by OWNER.

11.4.2 Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and manufacturer's field services required in connection therewith. All cash discounts shall accrue to CONTRACTOR unless OWNER deposits funds with CONTRACTOR with which to make payments, in which case the cash discounts shall accrue to OWNER. All trade discounts, rebates and refunds, and all returns from sale of surplus materials and equipment shall accrue to OWNER, and CONTRACTOR shall make provisions so that they may be obtained.

11.4.3 Payments made by CONTRACTOR to the Subcontractors for Work performed by Subcontractors. If required by OWNER, CONTRACTOR shall obtain competitive bids from Subcontractors acceptable to him and shall deliver such Bids to OWNER who will then determine with the advice of ENGINEER, which Bids will be accepted. If a subcontract provides that the Subcontractor is to be paid on the basis of Cost of Work plus a Fee, the cost of the Work shall be determined in accordance with paragraphs 11.4 and 11.5.

11.4.4 Costs of special consultants (including but not limited to, engineers, architects, testing laboratories, surveyors, lawyers and accountants) employed for services specifically related to the Work.

11.4.5 Supplemental costs including the following:

11.4.5.1 The proportion of necessary transportation, travelling and subsistence expenses of CONTRACTOR'S employees incurred in discharge of duties connected with the Work.

11.4.5.2 Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office and temporary facilities at the site and hand tools not owned by the workmen, which are consumed in the performance of the Work, and cost less market value of such items used but not consumed which remain the property of CONTRACTOR.

11.4.5.3 Rentals of all construction equipment and machinery and the parts thereof whether rented from CONTRACTOR or other in accordance with rental agreements approved by OWNER with the advice of ENGINEER, and the cost of transportation, loading, unloading, installation, dismantling and removal thereof--all in accordance with terms of said rental agreements. The rental of any such equipment, machinery or parts shall end when the use thereof is no longer necessary for the Work.

11.4.5.4 Sales, use or similar taxes related to the Work, and for which CONTRACTOR is liable imposed by any governmental authority.

11.4.5.5 Deposits lost for causes other than CONTRACTOR'S negligence, royalty payments and fees for permits and licenses. Costs for permits and licenses must be

shown as a separate item.

11.4.5.6 Losses, damages and expenses, not compensated by insurance or otherwise, sustained by CONTRACTOR in connection with the execution of, and to, the Work, provided they have resulted from causes other than the negligence of CONTRACTOR, any Subcontractors, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of OWNER. No such losses, damages and expenses shall be included in the Cost of Work for the purpose of determining CONTRACTOR'S fee. If, however, any such loss or damage requires reconstruction and CONTRACTOR is placed in charge thereof, he shall be paid for his services a fee proportionate to that stated in paragraph 11.6.2.

11.4.5.7 The cost of utilities, fuel and sanitary facilities at the site.

11.4.5.8 Minor expenses such as telegrams, long distance telephone calls, telephone service at the site, expressage and similar petty cash items in connection with the Work.

11.4.5.9 Cost of premiums for additional Bonds and Insurance required because of changes in the Work.

11.5 The term cost of the Work shall not include any of the following:

11.5.1 Payroll costs and other compensation of CONTRACTOR'S officers, executives, principals, (of partnership and sole proprietorships), general managers, engineers, architects, estimators, lawyers, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks and other personnel employed by CONTRACTOR whether at the site or in his principal or a branch office for general administration of the Work and not specifically included in the schedule referred to in subparagraph 11.4.1 -- all of which are to be considered administrative costs covered by the CONTRACTOR'S Fee.

11.5.2 Expenses of CONTRACTOR'S principal and branch offices other than his office at the site.

11.5.3 Any part of CONTRACTOR'S capital expenses, including interest on CONTRACTOR'S capital employed for the Work and charges against CONTRACTOR'S for delinquent payments.

11.5.4 Cost of premiums for all bonds and for all insurance policies whether or not CONTRACTOR is required by the Contract Documents to purchase and maintain the same (except as otherwise provide in subparagraph 11.4.5.9.)

11.5.5 Costs due to the negligence of CONTRACTOR, any Subcontractors, or anyone

directly or indirectly employed by any of them or for whose acts any of them may be liable including but not limited to, the correction of defective work, disposal of materials or equipment wrongly supplied and making good any damage to property.

11.5.6 Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in paragraph 11.4.

11.6 The CONTRACTOR'S Fee which shall be allowed to CONTRACTOR for his overhead and profit shall be determined as follows;

11.6.1 A mutually acceptable firm fixed price; or if none can be agreed upon,

11.6.2 A mutually acceptable fixed fee based on the estimate of the various portions of the Cost of the Work.

11.7 The amount of credit to be allowed by CONTRACTOR to OWNER for any such change which results in a net decrease in cost will be the amount of the actual net decrease. When both additions and credits are involved in any one change, the net shall be computed to include overhead and profit, identified separately, for both additions and credits.

11.8 Whenever the cost of any Work is to be determined pursuant to paragraphs 11.4 and 11.5, CONTRACTOR will submit in form prescribed by ENGINEER an itemized cost breakdown together with supporting data.

11.9 Allowances: It is understood that the CONTRACTOR has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be done by such material men, suppliers, or Subcontractors and for such sums within the limit of the allowances as the ENGINEER may approve. Upon final payment, the Contract Price shall be adjusted as required and an appropriate Change Order issued. The CONTRACTOR agrees that the original Contract Price includes such sums as he deems proper for costs and profit on account of cash allowances. No demand for additional cost or profit in connection therewith will be allowed.

11.9.1 These allowances shall cover the cost to the CONTRACTOR less any applicable trade discount, of the materials and equipment required by the allowance delivered at the site, and all applicable taxes.

11.9.2 The CONTRACTOR'S costs for unloading and handling on site, labor, installation costs, overhead, profit and other expenses contemplated for the original allowance shall be included in the Contract Price and not in the allowance.

11.9.3 Whenever the cost, as described in 11.9.1 above, is more than or less than the allowance, the Contract Price shall be adjusted accordingly by Change Order. The amount of the Change Order will recognize changes, if any, in handling costs on the site, labor, installation costs, overhead, profit and other expenses, except that whenever unit price allowances are stipulated for brick, the Change Order will not include any cost as described in 11.5 above.

ARTICLE 12 - CHANGE OF THE CONTRACT TIME:

12.1 The Contract Time may only be changed by a Change Order. Any claim for an extension in the Contract Time shall be based on written notice delivered to OWNER and ENGINEER within ten days of the occurrence of the event giving rise to the claim. Notice of the extent of the claim with supporting data shall be delivered within forty-five days of such occurrence unless ENGINEER allows an additional period of time to ascertain more accurate data. All claims for adjustment in the Contract Time shall be determined by ENGINEER if OWNER and CONTRACTOR cannot otherwise agree. Any change in the Contract Time resulting from any such claim shall be incorporated in a Change Order.

12.2 The Contract Time will be extended in an amount equal to time lost due to delays beyond the control of CONTRACTOR if he makes a claim therefore as provided in paragraph 12.1. Such delays shall include, but not be restricted to, acts or neglect by any separate contractor employed by OWNER, fires, floods, labor disputes, epidemics, or acts of God.

12.3 All time limits stated in the Contract Documents are of the essence of the Agreement. The provisions of the Article 12 shall not exclude recovery for damages (including compensation for additional professional services) for delay by either party.

12.4 No claim for delay shall be allowed because of failure to furnish Drawings until two weeks after demand for such drawings and not then unless such claim be reasonable.

12.5 This article does not exclude the recovery of damages for delay by either party under other provisions in the Contract Documents.

ARTICLE 13 - GUARANTY:

13.1 The CONTRACTOR shall guarantee all materials and equipment furnished and Work performed for a period of one (1) year from the date of SUBSTANTIAL COMPLETION. The CONTRACTOR warrants and guarantees for a period of one (1) year from the date of SUBSTANTIAL COMPLETION of the system that the completed system is free from all defects due to faulty materials or workmanship

and the CONTRACTOR shall promptly make such corrections as may be necessary by reason of such defects including the repairs of any damage to other parts of the system resulting from such defects. The OWNER will give notice of observed defects with reasonable promptness. In the event that the CONTRACTOR should fail to make such repairs or adjustments, in the Work that may be made necessary by such defects, the OWNER may do so and charge the CONTRACTOR the cost thereby incurred. The Performance Bond shall remain in full force and effect through the guarantee period.

ARTICLE 14 - PAYMENTS AND COMPLETION:

Payments to Contractors:

14.1 At least ten (10) days before each progress payment falls due (but not more often than once a month), the CONTRACTOR will submit to the ENGINEER a partial payment estimate filled out and signed by the CONTRACTOR covering the WORK performed during the period covered by the partial payment estimate and supported by such data as the ENGINEER may reasonably require. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at or near the site, the partial payment estimate shall also be accompanied by such supporting data, satisfactory to the OWNER. The ENGINEER will, within ten (10) days after receipt of each partial payment estimate, either indicate in writing his approval of payment and present the partial payment estimate to the OWNER, or revise the partial payment estimate provides the same to the CONTRACTOR indicating in writing his reasons for refusing or revising payment. In the latter case, the CONTRACTOR may make the necessary corrections and resubmit the partial payment estimate. The OWNER will, within forty-five (45) days of presentation to him of an approved partial payment estimate, pay the CONTRACTOR a progress payment on the basis of the approved partial payment estimate. The OWNER may retain a portion of the amount otherwise due the CONTRACTOR. Except as State law otherwise provides, the amount the OWNER retains shall be limited to the following:

14.1.1 Withholding of not more than 5 percent of the payment claimed until work is 50 percent complete;

14.1.2 When Work is 50 percent complete, reduction of the withholding to 2.5 percent of the dollar value of all Work satisfactorily completed to date, provided that the CONTRACTOR is making satisfactory progress and there is no specific cause for greater withholding and the same is requested by the CONTRACTOR in writing;

14.1.3 When the Work is substantially complete (operational or beneficial occupancy), the withheld amount shall be further reduced below 5 percent to only that amount necessary to assure completion.

14.1.4 The OWNER may reinstate up to 5 percent withholding if the OWNER determines, at its discretion, that the CONTRACTOR is not making satisfactory progress or there is other specific cause for such withholding.

Contractor's Warranty of Title:

14.2 The CONTRACTOR warrants and guarantees that title to all work, materials and equipment covered by an Application for Payment, whether incorporated in the Project or not, will have passed to the OWNER prior to the making of the Application for payment, free and clear of all liens, claims, security interests and encumbrances (hereafter in these General Conditions referred to as "Liens") and that no work, materials or equipment covered by an Application for Payment will have been acquired by the CONTRACTOR or by any other person performing the Work at the Site or furnishing materials and equipment for the Project, subject to an agreement under which an interest therein or encumbrance thereon is retained by the seller or otherwise imposed by the CONTRACTOR or such other person.

Approval of Payments:

14.3 The ENGINEER'S approval of any payment requested in an Application for Payment shall constitute a representation by him to the OWNER, based on the ENGINEER'S on-site observations of the Work in progress as an experienced and qualified design professional and on his review of the Application of Payment and the supporting data, that the Work has progressed to the point indicated; That, to the best of his knowledge, information and belief, the quality of the Work is in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning Project upon Substantial Completion, to the results of any subsequent tests called for in the Contract Documents and any qualifications stated in his approval), and that the CONTRACTOR is entitled to payment of the amount approved. However, by approving any such payment, the ENGINEER shall not thereby be deemed to have represented that he made exhaustive or continuous on-site observations to check the quality or the quantity of the Work, or that he has reviewed the means, methods, techniques, sequences, and procedures of construction or that he has made any examination to ascertain how or for what purpose the CONTRACTOR has used the moneys paid or to be paid to him on account of the Contract Price, or that title to any Work, materials, or equipment has passed to the OWNER free and clear of any Liens.

14.4 The CONTRACTOR shall make the following certification on each request for payment:

"I hereby certify that the labor and materials listed on this request for payment has been used in the construction of this work or that all materials included in this request for payment and not yet incorporated into the construction are now on the site or stored at an approved location; and payment received from the last request for payment has been used to make payments to all first-tier subcontractors and suppliers except as listed below."

14.5 The ENGINEER'S approval of final payment shall constitute an additional representation by him to the OWNER that the conditions precedent to the CONTRACTOR'S being entitled to final payment as set forth in paragraph 14.11 have been fulfilled.

14.6 The ENGINEER may refuse to approve the whole or any part of any payment if, in his opinion, he is unable to make such representations to the OWNER. He may also refuse to approve any such payment, because of subsequently discovered evidence or the results of subsequent inspections or tests nullify any such payment previously approved, to such extent as may be necessary in his opinion to protect the OWNER from loss because:

14.6.1 The Work is defective, reasonable doubt exists to the integrity, or completed Work has been damaged requiring correction or replacement,

14.6.2 The Work for which payment is request cannot be verified,

14.6.3 Claims or Liens have been filed or there is reasonable evidence indicating the probable filing thereof,

14.6.4 The Contract Price has been reduced because of Modifications,

14.6.5 The OWNER has been required to correct defective Work or complete the Work in accordance with paragraph 13.1,

14.6.6. Of unsatisfactory prosecution of the Work, including failure to clean up as required by paragraphs 6.29 and 6.30,

14.6.7. Of persistent failure to cooperate with other contractors on the Project and persistent failure to carry out the Work in accordance with the Contract Documents,

14.6.8. Of liquidated damages payable by the CONTRACTOR or,

14.6.9. Of any other violation of, or failure to comply with, the provisions of the Contract Documents.

14.7 Prior to Substantial Completion, the OWNER, with the approval of the ENGINEER and with the concurrence of the CONTRACTOR, may use any completed

or substantially completed portions of the Work. Such use shall not constitute and acceptance of such portions of the Work.

14.8 The OWNER shall have the right to enter the premises for the purpose of doing work not covered by the Contract Documents. This provision shall not be construed as relieving the CONTRACTOR of the sole responsibility for the care and protection of the Work, or restoration of any damaged Work, except such as may be caused by agents or employees of the OWNER.

14.9 Upon completion and acceptance of the Work, the ENGINEER shall issue a certificate attached to the final payment request that the Work has been accepted by him under the conditions of the Contract Documents. The entire balance found to be due the CONTRACTOR, including the retained percentages, but except such sums as may be lawfully retained by the OWNER, shall be paid to the CONTRACTOR within forty-five (45) days of completion and acceptance of the Work.

14.10 The CONTRACTOR will indemnify and save the OWNER or the OWNER'S agents harmless from all claims growing out of the lawful demands of Subcontractors, laborers, workmen, mechanics, material men, and furnishers of machinery and parts thereof, equipment, tools, and all supplies, incurred in the furtherance of the performance of the Work. The CONTRACTOR shall, at the OWNER'S request, furnish satisfactory evidence that all obligations of nature designated above have been paid, discharged, or waived. If the CONTRACTOR fails to do so the OWNER may, after having notified the CONTRACTOR, either pay unpaid bills or withhold from the CONTRACTOR'S unpaid compensation a sum of money deemed reasonably sufficient to pay any and all such lawful claims until satisfactory evidence is furnished that all liabilities have been fully discharged whereupon payment to the CONTRACTOR shall be resumed, in accordance with the terms of the Contract Documents, but in no event shall the provisions of this sentence be construed to impose any obligations upon the OWNER to either the CONTRACTOR, any payment so made by the OWNER shall be considered as a payment made under the Contract Documents by the OWNER to the CONTRACTOR and the OWNER shall not be liable to the CONTRACTOR for any such payments made in good faith.

Acceptance of Final Payment as Release:

14.11 When all items of work are completed to the satisfaction of the ENGINEER and the ENGINEER has been advised by the CONTRACTOR that a final inspection is desired, time will be suspended until final inspection is conducted and for an additional 14 calendar days after the CONTRACTOR has been notified in writing of the results of the inspection. If after the end of the 14-day suspension all necessary items of work have not been completed, time changes 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 liquidated 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 after the CONTRACTOR has been notified in writing of the results of the inspection. 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 and all items of work have been completed, the daily time charge will cease.

14.12 The acceptance by the CONTRACTOR of final payment shall be and shall operate as a release to the OWNER of all claims and liability to the CONTRACTOR other than claims in stated amounts as may be specifically excepted by the CONTRACTOR for all things done or furnished in connection with this Work and for every act and neglect of the OWNER and others relating to or arising out of this Work. Any payment however, final or otherwise, shall not release the CONTRACTOR or his sureties from any obligations under the Contract Documents or the Performance Bond and Payment Bonds.

ARTICLE 15 - SUSPENSION OF WORK AND TERMINATION:

Owner May Suspend Work:

15.1 The OWNER may, at any time and without cause, suspend the Work or any portion thereof for a period of not more than ninety days by notice in writing to the CONTRACTOR and the ENGINEER which shall fix the date on which Work shall be resumed. The CONTRACTOR will be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to any suspension if he makes a claim therefore as provided in Articles 11 and 12.

Work During Inclement Weather:

15.2 No Work shall be done under these Specifications except by permission of the OWNER when the weather is unfitting for good and careful work to be performed. Should the severity of the weather continue, the CONTRACTOR, upon the direction of the OWNER, shall suspend all work until instructed to resume operations by the OWNER and the Contract Time shall be extended to cover the duration of the order. Work damaged during periods of suspension due to inclement weather shall be repaired and/or replaced by the CONTRACTOR. Any compensation for repairs or replacements shall be subject to approval of the OWNER.

Owner May Terminate:

15.3 If the CONTRACTOR is adjudged bankrupt or insolvent, or if he makes a

general assignment for the benefit of his creditors, or if a trustee or receiver is appointed for the CONTRACTOR or for any of his property; or if he files a petition to take advantage of any debtor's act, or to reorganize under the bankruptcy or similar laws, or if he repeatedly fails to supply sufficient skilled workmen or suitable materials or equipment, or if he repeatedly fails to make prompt payments to Subcontractors or for labor, materials or equipment or he disregards laws, ordinances, rules regulations or orders of any public body having jurisdiction, or if he disregards the authority of the ENGINEER, or if he otherwise violates any provision of the Contract Documents, then the OWNER may without prejudice to any other right or remedy and after giving the CONTRACTOR and his surety seven days written notice, terminate the services of the CONTRACTOR and take possession of the Project and of all materials, equipment, tools, construction equipment and machinery thereon owned by the CONTRACTOR, and finish the Work by whatever method he may deem expedient. In such case the CONTRACTOR shall not be entitled to receive any further payment until the Work is finished. If the unpaid balance of the Contract Price exceeds the direct and indirect costs of completing the Project, including compensation for additional professional services, such excess shall be paid to the CONTRACTOR. If such costs exceed such unpaid balance, the CONTRACTOR or the Surety will pay the difference to the OWNER. Such costs incurred by the OWNER will be determined by the ENGINEER and incorporated in a Change Order.

15.4 Where the CONTRACTOR'S services have been so terminated by the OWNER, said terminations shall not affect any rights of the OWNER against the CONTRACTOR then existing or which may thereafter accrue. Any retention or payment of moneys by the OWNER due the CONTRACTOR will not release the CONTRACTOR from liability.

15.5 Upon seven days written notice to the CONTRACTOR and the ENGINEER, the OWNER may, without cause and without prejudice to any other right or remedy, elect to abandon the Project and terminate the Agreement. In such case, the CONTRACTOR shall be paid for all Work executed and any expense sustained plus a reasonable profit.

Removal of Equipment:

15.6 In the case of termination of this Contract before completion, for any cause whatever, the CONTRACTOR if notified to do so by the OWNER, shall promptly remove any part or all of his equipment and supplies from the property of the OWNER. Should the CONTRACTOR not remove such equipment and supplies, the OWNER shall have the right to remove them at the expense of the CONTRACTOR. Equipment and supplies shall not be construed to include such items for which the CONTRACTOR has been paid in whole or in part.

Contractor May Stop Work or Terminate:

15.7 If, through no act or fault of the CONTRACTOR, the Work is suspended for a period of more than ninety (90) days by the OWNER or under an order of court or other public authority, or the ENGINEER fails to act on any Application for Payment within sixty (60) days after it is submitted, or the OWNER fails to pay the CONTRACTOR any sum approved by the ENGINEER or awarded by court ruling within forty-five (45) days of its approval and presentation, then the CONTRACTOR may, upon seven (7) days written notice to the OWNER and the ENGINEER, and if the OWNER or ENGINEER fails to reasonable respond in writing, terminate the Agreement and recover from the OWNER payment for all Work executed and any expense sustained plus a reasonable profit. In addition, and in lieu of terminating the Agreement, if the ENGINEER has failed to act on an Application for Payment or the OWNER has failed to make any payment as aforesaid, the CONTRACTOR may upon seven (7) days' notice to the OWNER and the ENGINEER stop the Work until he has been paid all amounts then due.

Owner Furnished Equipment:

15.8 In case the OWNER furnishes equipment to the CONTRACTOR to install, but fails to deliver it to the CONTRACTOR as required and in case such failure causes the CONTRACTOR additional expense or need for extension of time, the CONTRACTOR may make such claims upon the OWNER and obtain adjustments as provided herein.

Liquidated Damages:

15.9 If the CONTRACTOR shall fail to complete the work within the contract time, or extension of time granted by the OWNER, then the CONTRACTOR will pay to the OWNER the amount for liquidated damages as specified in the Contract Documents for each calendar day that the CONTRACTOR shall be in default after the time stipulated in the Contract Documents.

ARTICLE 16 - DISPUTE SETTLEMENT:

16.1 All claims, disputes and other matters in question arising out of, or relating to, this Agreement or the breach thereof except for claims which have been waived by the making or acceptance of final payment as provided by paragraph 14.11, shall be decided in a court of competent jurisdiction.

ARTICLE 17 - MISCELLANEOUS:

17.1 Whenever any provision of the Contract Documents requires the giving of written notice it shall be deemed to have been validly given if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or if delivered at or sent by registered or certified mail,

postage prepaid, to the last business address known to him who gives the notice.

17.2 If the OWNER fails to make payment forty-five (45) days after payment is due, in addition to other remedies available to the CONTRACTOR, there shall be added to each such progress payment, interest at 1% per month commencing on the first day after said payment is due and continuing until the payment is received by the CONTRACTOR.

17.3 All Specifications, Drawings and copies thereof furnished by the ENGINEER shall remain his property. They shall not be used on another Project, and, with the exception of those sets which have been signed in connection with the execution of the Agreement, shall be returned to him on request upon completion of the Project.

17.4 The duties and obligations imposed by these General Conditions, and the rights and remedies available hereunder, and, in particular but without limitation, the warranties, guarantees and obligations imposed upon CONTRACTOR by paragraphs 6.36 and 14.3 and the rights and remedies available to OWNER and ENGINEER there under, shall be in addition to, and shall not be construed in any way as a limitation of, any rights and remedies available by law, by special guarantee or by other provisions of the CONTRACT DOCUMENTS.

17.5 Should the OWNER or the CONTRACTOR suffer injury or damage to its person or property because of any error, omission or act of the other or of any of his employee or agents or others for whose acts he is legally liable, claim shall be made in writing to the other party within a reasonable time of the first observance of such injury or damage.

17.6 The CONTRACT DOCUMENTS shall be governed by the law of the place of the Project.

Progress Charts and Requirements for Overtime Work

17.7 The CONTRACTOR shall within 5 days or within such time as determined by the OWNER after date of commencement of work prepare and submit to the OWNER for approval a practicable schedule, showing the order in which the CONTRACTOR proposes to carry on the work, the date on which he will start the several salient features (including procurement of materials, plans and equipment) and the contemplated dates for completing the same. The schedule shall be in the form of a progress chart of suitable scale to indicate appropriately the percentage of work scheduled for completion at any time. The CONTRACTOR shall enter on the chart the actual progress at such intervals as directed by the OWNER and shall immediately deliver to the OWNER three (3) copies thereof. If the CONTRACTOR fails to submit a progress schedule within the time herein prescribed, the owner may withhold approval of progress payment estimates until such time as the CONTRACTOR submits the required progress schedule.

17.8 If, in the opinion of the OWNER, the CONTRACTOR falls behind the progress schedule, the CONTRACTOR shall take such steps as may be necessary to improve his progress and the OWNER may require him to increase the number of shifts, or overtime operations, days of work, or the amount of construction plant, or update the progress schedule to reflect increased production for meeting the completion date, or all of them, and to submit for approval such supplementary schedule or schedules in chart form as may be deemed necessary to demonstrate the manner in which the agreed rate of progress will be regained, all without additional cost to the OWNER.

17.9 Failure of the CONTRACTOR to comply with the requirements of the OWNER under this provision shall be grounds for determination by the OWNER that the CONTRACTOR is not prosecuting the work with such diligence as will insure completion within the time specified. Upon such determination the OWNER may terminate the CONTRACTOR'S right to proceed with the work or any separable part thereof in accordance with the clause of the contract entitled, "Termination for Default-Damages for Delay - Time Extensions.

17.10 Should the Contractor fail to complete the work within the specified time, or within any extra time allowed under these specifications, a sum of money, determined by the following schedule, shall be deducted from any funds due the Contractor, the Owner shall have the right recover the said sum or sums from the Contractor or from the surety, or from both. The amounts of these deductions are to cover the liquidated damages to the Owner incurred by additional or other expenses due to the failure of the Contractor to complete the work or any part of the work within the time specified, and such deductions are not to be considered penalties.

17.11 The damages indicated above shall be considered as liquidated damages for the loss to the OWNER on account of the expense due to the employment of Engineers and their assistants and to any others expenses incurred after the expiration of the Contract time as determined by the ENGINEER in section 14.11

17.12 Work requiring the presence or services of the ENGINEER, based-solely on the opinion of the ENGINEER, will not be permitted on Sunday or holidays observed by the State unless the ENGINEER determines that an emergency or necessity exists. Work on these days solely to complete the project within the contract time will not be considered a necessity or emergency.

17.13 The ENGINEER will prepare and submit to the CONTRACTOR one (1) preliminary punch list of items that do not meet the contract requirements after the final inspection and one (1) final punch list immediately before final completion and final payment.

SUPPLEMENTAL GENERAL CONDITIONS

ARTICLE 1 - SPECIAL CONDITIONS

SCOPE AND INTENT

Special conditions shall prevail over General Conditions in case of conflict. The Contractor shall furnish all labor, materials, equipment (including fuel), tools, appliances, transportation and perform all operations in connection with the construction of, alterations to, or repair of, the building, including utilities, complete, in strict accordance with the specifications and the plans governing the construction of, alterations to, or repair of, the project.

EXAMINATION OF PREMISES

Before submitting a proposal for his work, each bidder shall be held responsible to have examined the site and satisfied himself as to the conditions under which work is to be performed.

PERMITS, TAXES, AND ORDINANCES

The Contractor shall pay for all required permits, give legal notices, and pay taxes and assessments levied in connection with this contract. Building regulations shall be strictly adhered to and the contractor shall be responsible for knowledge thereof.

INSURANCES, ETC.

In addition to the requirements of the General Conditions, insurance coverage specified herein constitutes the minimum requirements and said requirements shall in no way lessen or limit the liability of the **CONTRACTOR** under the terms of the Contract. The **CONTRACTOR** shall procure and maintain at his own expense any additional kinds and amounts of insurance that, in his own judgment, may be necessary for his proper protection in the prosecution of the Work.

The **CONTRACTOR** shall carry insurance as prescribed herein and all policies shall be with companies satisfactory to the **OWNER**.

If a part of this Contract is sublet, the **CONTRACTOR** shall require each Subcontractor to carry insurance of the same kinds and in like amounts as carried by the **CONTRACTOR**. Certificates of insurance shall state that 30 days written notice will be given to the **OWNER** before the policy is canceled or changed. No **CONTRACTOR** or Subcontractor

will be allowed to start any construction work on this Contract until certificates of all insurance required herein are filed and approved by the **OWNER**. The certificates shall show the type, amount, class of operations covered, effective dates and the dates of expiration of policies.

The **CONTRACTOR** shall secure and maintain in effect for the period of the Contract and pay all premiums for the following kinds and amounts of insurance.

A. Workers' Compensation and Employer's Liability Insurance

This insurance shall protect the **CONTRACTOR** against all claims under applicable State Worker's Compensation Laws. The **CONTRACTOR** shall also be protected and shall cause each Subcontractor to be protected against claims for injury, disease, or death of employees which, for any reason, may not fall within the provisions of a Worker's Compensation Law. The liability limits shall not be less than the required statutory limits for Worker's Compensation and Employer's Liability or the amount of ONE HUNDRED THOUSAND DOLLARS (\$100,000.00) for each person whichever is more. This policy shall include an all states endorsement.

B. **CONTRACTOR'S** Comprehensive Public Liability and Property Damage Insurance, covering all operations in connection with the performance of this Contract in amounts not less than the following:

Bodily injury liability in the amount of FIVE HUNDRED THOUSAND DOLLARS (\$500,000) for each person and ONE MILLION DOLLARS (\$1,000,000) for each accident and property damage liability in the amount of TWO HUNDRED FIFTY THOUSAND DOLLARS (\$250,000) for all damages arising out of the injury or destruction of property in any one accident and subject to that limit per accident a total for aggregate limit of FIVE HUNDRED THOUSAND DOLLARS (\$500,000) for all damages arising out of injury to or destruction of property during the policy period.

The Comprehensive Public Liability and Property Damage policies carried by both the **CONTRACTOR** and the Subcontractors shall contain an endorsement to include the coverage of the following hazards:

- a. Explosion, collapse, and underground property damage to include any damage or destruction of property below the surface of the ground, such as wires, conduits, pipes, mains, sewers, etc., caused by the **CONTRACTOR'S** operations.
- b. The collapse of and structural injury to any building, structure or property on or adjacent to the **OWNER'S** premises or right-of-way caused by the **CONTRACTOR'S** operations in the removal of other buildings, structures, or supports, or by excavation below the surface of the ground.

- c. Contractual Liability Coverage for the Hold Harmless segments of the Contract Documents.

C. **CONTRACTOR'S Contingent or Protective Liability and Property Damage:**

In case part of this Contract is sublet, the **CONTRACTOR** shall secure contingent or protective liability and property damage insurance to protect him from any and all claims arising from the operation of his Subcontractors in the execution of Work included in the Contract. In no case shall the amount of such protection be less than the limits of \$500,000/\$1,000,000 for Public Liability Insurance and \$500,000/\$1,000,000 for Property Damage Insurance. The coverage in each case shall be acceptable to the **OWNER**.

D. **Automotive Public Liability and Property Damage**

The **CONTRACTOR** shall maintain automobile public liability insurance in the amount of not less than FIVE HUNDRED THOUSAND DOLLARS (\$500,000) for injury to one person and ONE MILLION DOLLARS (\$1,000,000) for one accident; and automobile property damage insurance in the amount of not less than FIVE HUNDRED THOUSAND DOLLARS (\$500,000) for one accident to protect him from any and all claims arising from the use of the following:

- a. **CONTRACTOR'S** own automobiles and trucks.
- b. Hired automobiles and trucks.
- c. Automobiles and trucks owned by Subcontractors.

The aforementioned is to cover use of automobiles and trucks on and off the site of the Project.

E. **OWNER'S Protective Liability Policy**

The **CONTRACTOR** shall maintain **OWNER'S** Protective Liability Insurance with the **OWNER** as the named insured, and the **ENGINEER**, and their servants, agents and employees as additional insureds in amounts not less than the following:

- a. Bodily Injury in the amount of ONE MILLION DOLLARS (\$1,000,000) for each person and ONE MILLION DOLLARS (\$1,000,000) for each accident and property damage liability in the amount of FIVE HUNDRED

THOUSAND DOLLARS (\$500,000) for all damages arising out of an injury or destruction of property in any one accident and subject to that limit per accident a total (or aggregate) limit of ONE MILLION DOLLARS (\$1,000,000) for all damages arising out of injury to or destruction of property during the policy period.

CLEANING UP

The CONTRACTOR shall, at all times, keep the premises free from accumulations of waste materials and at the completion of the work, be shall remove all his rubbish, tools, temporary buildings, etc. from and about the site and shall leave his work “broom” clean unless more exactly specified elsewhere. All glass shall be washed and left free from stains of any nature.

SPECIAL INSTRUCTIONS

LIMITATIONS

During construction, care is to be taken to prevent damage to the work in place. As soon as work is completed, all work is to be thoroughly cleaned. Before completion, all damaged work is to be repaired and left in perfect condition. The CONTRACTOR will be responsible for all clean up of the premises. All trash, etc. will be hauled away from the site, and the site left in a clean and neat condition. Alcoholic beverages of any type will not be permitted on job site.

PRODUCT/MATERIALS SUBSTITUTION

CONTRACTOR will submit prior to starting work on project any changes to materials specified. CONTRACTOR will submit all specification data, company name, and supplier of material that he wishes to substitute. All material will be evaluated. CONTRACTOR will be given approval/disapproval by OWNER. No substitutes will be taken into consideration after work has begun, no substitutes will be allowed if CONTRACTOR does not submit specification data within time allowed.

INSPECTION

All work covered by these specifications shall be subject to inspection by OWNER or his authorized representative. CONTRACTOR will coordinate with OWNER for inspections as required during construction, and furnish to the OWNER in writing a project schedule prior to mobilization of work at the job site.

SPECIFICATIONS AND DRAWINGS ARE RECIPROCAL

The specifications and drawings are intended mutually to explain each other and anything which is referred to in the specifications and not shown on the drawings shall be considered as being shown and mentioned and referred to in both of these documents. Such work shall be done and performed accordingly. Any drawing attached to this specification form is an integral part thereof and where such drawings, if any, differ from these specifications, the specifications shall govern.

AS-BUILT DRAWINGS

Occasionally, during the course of construction, modifications and changes may occur due to site conditions, unforeseen circumstances and problems encountered. This may result in a modification of construction as originally depicted on drawings. Contractor will furnish the OWNER a marked-up set of prints in red line of all changes and/or modifications that pertain to this contract. Drawings will be labeled. "AS-BUILT DRAWINGS".

GUARANTEES, WARRANTIES AND BONDS

1. All work will be guaranteed by the CONTRACTOR for a period of one (1) year from the date of substantial completion.
2. Wording for the notarized guarantee shall be as follows:
"We hereby guarantee all work performed by us on the above captioned project to be free from defective materials and workmanship for a period of one (1) year, or such longer period of time as may be called for in the Contract Documents for such portions of the work."
3. Guarantee Compliance:
Except as otherwise specified, all work shall be guaranteed by the CONTRACTOR and through him each sub-contractor against defects resulting from the use of inferior materials, equipment or workmanship for one (1) year from the date of substantial completion of the Contract. In case of work performed by his sub-contractors, the CONTRACTOR shall secure warranties from said sub-contractors and deliver copies of the same to the OWNER upon completion of the work. If, within any guarantee period, repairs or changes are required in connection with guaranteed work which, in the OWNER'S opinion, are rendered necessary as the result of use of materials, equipment or workmanship which are inferior, defective or not in accordance with terms of the Contract: CONTRACTOR shall promptly upon receipt of OWNER'S written notice, and without expense of the OWNER;
 - a. Place in satisfactory condition in every particular all such guaranteed work, correct all defects therein.

- b. Make good all damage to the building, site, equipment or building contents which in the OWNER'S opinion is the result of the use of materials, equipment or workmanship which are inferior, defective, or not in accordance with terms of the Contract.
- c. Make good any work or material or the equipment and contents of building or site disturbed in fulfilling such guarantee.

In any case where fulfilling the requirements of the Contract, or any guarantee embraced in or required thereby, the CONTRACTOR disturbs any work guaranteed under another's Contract, he shall restore such disturbed work to condition satisfactory to the OWNER and guarantee such restored work to the same extent as it was guaranteed under such other contract. If the CONTRACTOR, after notice, fails to proceed promptly to comply with terms of the guarantee, the OWNER may have the defects corrected and the CONTRACTOR and his surety shall be liable for all expense incurred. All special guarantees applicable to definite parts of the work that may be stipulated in the specification or other Contract Documents shall be subject to the terms of this Specification Section during the first year of the life of such special guarantees. All guarantees and warranties shall be obtained in the OWNER'S name and evidence thereof shall be promptly delivered to the OWNER'S Representative for transfer to the OWNER.

CLOSE-OUT DOCUMENTS

In general documents for close out, to be submitted by the CONTRACTOR to the OWNER, prior to final payment, shall be; but not limited to the following:

1. APPLICATION FOR PAYMENT: AIA Document G-702
2. CERTIFICATE OF SUBSTANTIAL COMPLETION: AIA Document G-704
3. CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS:
AIA Documents G-706 and G-706A: The Contractor shall furnish these AIA Documents complete with attached notarized full release of liens, damages, and a guarantee that all materials and labor are paid in accordance with Contract Documents with the following wording:
"WE HEREBY CERTIFY THAT ALL BILLS FOR LABOR AND MATERIALS INCORPORATED INTO THE ABOVE CAPTIONED PROJECT UNDER OUR CONTRACT HAVE BEEN PAID AND THAT THE OWNER IS RELEASED FROM ANY AND ALL CLAIMS AND/OR DAMAGES UNDER THIS CONTRACT."
4. CONSENT OF SURETY COMPANY TO FINAL PAYMENT: AIA Document G-707
To be completed in full by the Bonding Company.
5. CONTRACTOR'S NOTARIZED STATEMENT:
Notarized statement that project has been constructed in accordance with Contract Documents.
6. CONTRACTOR'S NOTARIZED STATEMENT OF GUARANTEE/S:
All work will be guaranteed by the Contractor for a period of one (1) year from the date of substantial completion. Wording will be as follows:

"WE HEREBY GUARANTEE ALL WORK PERFORMED BY US ON ABOVE CAPTIONED PROJECT TO BE FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR, OR SUCH LONGER PERIOD OF TIME AS MAY BE CALLED FOR IN THE CONTRACT DOCUMENTS FOR SUCH PORTIONS OF THE WORK."

In the case of work performed by his sub-contractors, the Contractor shall secure warranties from said sub-contractors and deliver copies of same to the Owner upon completion of work.

7. OPERATING AND MAINTENANCE MANUALS:

All manufacturer's operating instructions and maintenance manuals will be compiled in a tabbed and labeled 3-ring binder. (Furnish Owner with two (2) sets).

8. FORM W-9, PAYER'S REQUEST FOR TAXPAYER IDENTIFICATION NUMBER AND CERTIFICATION (IRS):

Form W-9 is to be completed by non-corporation contractors. Non-applicable if Contractor's firm is Incorporated.

9. FINAL CLEANING:

At close out time clean and re-clean entire work to normal level for "FIRST CLASS" maintenance/cleaning.

MEASUREMENT AND PAYMENT

Measurement and payment for the following bid items shall be as described and shall include all material equipment, labor and testing to install and make operational a complete sewer system as detailed on the contract drawings and in these specifications.

SEWER MAIN (SDR-26), HDPE, DUCTILE IRON, OR OTHER

Payment for all sewer mains will be per linear foot for various diameter pipe measured from centerline of manhole to centerline of manhole in relation to the diameter of the pipe and the depth of cut as shown in the individual bid items. The item shall be paid per linear foot.

REMOVAL OF EXISTING SEWER LINE

Payment for removal of existing sewer line shall be as indicated on the construction plans. The item shall include all labor, materials and equipment necessary to complete the item. The item shall be paid per linear foot.

ABANDONMENT OF EXISTING SEWER LINE

Payment for abandonment of existing sewer line shall be as indicated on the construction plans. The item shall include all labor, materials and equipment necessary to complete the item. The item shall be paid per linear foot.

TRACER WIRE SYSTEM

Installation requirements for tracer wire shall be as indicated on the construction plans. The item shall include all labor, materials and equipment necessary to provide a complete tracer system for the sewer infrastructure with proper grounding and connection points as shown in the plans and specifications. Grounding and hook-up locations shall be absorbed in the price of the tracer wire. The item shall be paid per linear foot.

MANHOLES

Payment for manholes will be per each and depth of manhole in appropriate depth bracket measured from lid of manhole to downstream invert. Depth shall be based on individual bid items.

DEMOLITION AND REMOVAL OF EXISTING MANHOLE

Payment for demolition and removal of existing manhole shall be as indicated on the construction plans. The item shall include the removal of the manhole frame and lid assembly with storage and delivery to City of Hattiesburg, demolition of the remainder of the manhole as indicated on the construction plans removal of the manhole as indicated. The item shall include all labor, equipment and materials necessary to demolish and remove an existing manhole. Bypass pumping shall be an absorbed portion of this item should it be necessary for the removal. The item shall be paid per each.

ABANDONMENT OF EXISTING MANHOLE

Payment for abandonment of existing manhole shall be as indicated on the construction plans. The item shall include all labor, materials and equipment necessary to complete the item. The item shall be paid per each.

DROP MANHOLE ASSEMBLY

Payment for drop manhole assembly shall include furnishing and installing all hardware required to assemble a drop as detailed in the plans and specifications. Payment shall be per each.

SANITARY SEWER SERVICE CLEANOUT

Payment for sewer cleanout will be per each to include all labor, materials and equipment at the bid size. Price shall reflect each necessary cleanout as determined by the ENGINEER to provide sanitary sewer service to project area.

SANITARY SEWER SERVICE

Payment for sanitary sewer service will be per linear foot for various diameter pipe. Item shall include pvc pipe, fittings, and other items necessary for a functioning service. Item shall include all labor, equipment and materials necessary to install all equipment. The item shall be per linear foot.

SANITARY SEWER SERVICE TEE

Payment for sanitary sewer service tee will be per each at the bid size and type. Price shall include all labor, materials and equipment necessary to install sanitary sewer service tee based on plans and specifications.

DUCTILE IRON, PVC and HDPE WATER SYSTEMS

Payment for item shall include furnishing and installing all pipe, trenching, compaction of required bedding and backfill excavation, disposal of excess excavated material sheeting, shoring, bracing, dewatering, testing, fittings, reducers, flushing the system and related items not specifically covered under other pay items. The contract price shall be determined by the measured distance of pipe installed and accepted per linear foot.

TRACER WIRE SYSTEM

Installation requirements for tracer wire shall be as indicated on the construction plans. The item shall include all labor, materials and equipment necessary to provide a complete tracer system for the sewer infrastructure with proper grounding and connection points as shown in the plans and specifications. Grounding and hook-up locations shall be absorbed in the price of the tracer wire. The item shall be paid per linear foot.

CONNECTION ITEMS

Payment for connection items shall include installation of reducers, fittings, valve boxes,

trenching, excavation, compaction of backfill, blocking, disposal of excess excavated material, sheeting, shoring bracing, dewatering, testing, flushing and related items not specifically covered under other pay items as depicted on the construction plans. Pay shall be determined per each.

GATE VALVES

Payment for installation of gate valves shall include furnishing gate valves, valve boxes, trenching, excavating, compaction of backfill, disposal of excess excavated material, sheeting, shoring, bracing, dewatering, testing, flushing and related items not specifically covered under other pay items as depicted on the construction plans. Pay shall be determined per each.

FIRE HYDRANT WITH APPURTENANCES

Payment for installation of fire hydrant with appurtenance shall include furnishing fire hydrant, gate valve, valve box, piping, trenching, excavating, compaction of backfill, blocking, disposal of excess excavated material, sheeting, shoring, bracing, dewatering, testing, flushing and related items not specifically covered under other pay items. Pay shall be determined per each to include fire hydrant, tees, gate valve, valve box, pipe and other miscellaneous items as required to provide an operational hydrant. Pay shall be determined per each.

REMOVAL OF EXISTING FIRE HYDRANT

Payment for removal of fire hydrant shall include capping/plugging existing service line and removal of the hydrant. Item shall be paid per each.

SERVICE TAP

Payment for service tap shall include all fittings, tubing, tapping saddle, corporation stop, materials, labor and equipment to provide a new water service. Item shall be paid per each.

SERVICE TUBING

Payment for installation of service tubing shall include furnishing and installing service tubing as directed by the ENGINEER. Item shall include all boring, trenching, excavating, compaction of backfill, disposal of excess excavated material etc. to install service tubing as directed. Payment shall be per linear foot measured from each connection point.

RESIDENTIAL METER

Payment for residential meter shall include all components, labor and equipment for a fully operational water meter. Meter shall meet the requirements of the plans and specifications and function fully within the existing system. Item shall include meter, box and any necessary fittings and shall be paid per each.

CRUSHED AGGREGATE

Payment for crushed aggregate shall include furnishing and installing material as specified in the plans and specifications. Crushed aggregate shall be installed as a base material for the

pavement repairs. Crushed aggregated may be used for a temporary riding surface and will be the surface of Camp Street throughout the life of the project. Temporary riding surface will be removed prior to pavement repairs and moved to another location as directed by the engineer at no additional cost to the project. Payment shall be per ton from certified scales.

SELECT FILL MATERIAL

Payment for select fill material will be based on loose vehicular measurement. Haul vehicles shall be measured and volumes calculated. It shall be the discretion of ENGINEER as to the overall percentage full of haul material and that determination shall be final. Item shall include material, haul, placement and testing necessary to meet the plans and specifications.

CONCRETE PAVEMENT REPAIR

Payment for concrete pavement repair shall include furnishing and installing concrete pavement as specified in the plans and specifications. Item shall include forming, material, haul, placement, finishing and testing necessary to meet the plans and specifications. Payment shall be per square yard.

HARDY STREET ROAD REPAIR

Payment for Hardy Street Road repair shall include furnishing and installing concrete pavement and asphalt as specified in the plans and specifications. Item shall include forming, material, haul, placement, finishing compaction, and testing necessary to meet the plans and specifications. Payment shall be per square yard.

CONCRETE

Payment for concrete shall include furnishing and installing concrete with specified class as specified in the plans and specifications. Item shall include forming, material, haul, placement compaction and testing necessary to meet the plans and specifications. Item shall include reinforcing steel, grates, etc. as necessary and required. Payment shall be per cubic yard.

HOT MIX ASPHALT

Payment for hot mix asphalt shall include furnishing and installing asphalt pavement as specified in the plans and specifications. Item shall include material, haul, placement compaction and testing necessary to meet the plans and specifications. Payment shall be per ton.

CONCRETE SIDEWALK REPAIR

Payment for concrete sidewalk repair shall include furnishing and installing sidewalk to match removed concrete sidewalk. Item shall include saw cutting, forming, material, haul, placement, compaction and testing necessary to meet the plans and specifications. Item

shall not be used for damage to sidewalk as a result of poor construction methods or neglect from the contractor. Payment shall be per square yard.

CONCRETE CURB AND GUTTER

Payment for concrete curb and gutter shall include removal, grading, forming, materials, placement, compaction and testing necessary to match existing curb and gutter. Item shall be paid per linear foot.

CONCRETE DITCH REPAIR

Payment for concrete ditch repair shall include removal, grading, forming, materials, placement, compaction and testing necessary to match existing paved ditch. Item shall be paid per square yard.

CLASS "B" CONCRETE, MINOR STRUCTURES

Payment for Class "B" Concrete, Minor Structures shall include grading, forming, materials, placement, compaction and testing necessary to complete the construction as defined in the plans and specification and in accordance with the Mississippi Standard Specifications for Road and Bridge Construction, 2017 edition. Item shall be paid per cubic yard.

REINFORCING STEEL

Payment for reinforcing steel shall include grading, forming, materials, tying, spacing and testing necessary to complete the construction as defined in the plans and specification and in accordance with the Mississippi Standard Specifications for Road and Bridge Construction, 2017 edition. Item shall be paid per pound.

INLET GRATINGS

Payment for inlet gratings shall include casting, materials, installation and testing necessary to complete the construction as defined in the plans and specification and in accordance with the Mississippi Standard Specifications for Road and Bridge Construction, 2017 edition. Item shall be paid per pound.

INLET CASTINGS

Payment for inlet castings shall include casting, materials, installation and testing necessary to complete the construction as defined in the plans and specification and in accordance with the Mississippi Standard Specifications for Road and Bridge Construction, 2017 edition. Item shall be paid per pound.

DRAINAGE PIPE

Payment for all drainage pipe will be per linear foot for various diameter pipe and material type measured from end of pipe to end of pipe installed in relation to the diameter of the pipe.

REMOVAL OF EXISTING PIPE CROSS DRAINS

Payment for removal of existing pipe cross drains shall include removal of all pipe materials from project site. Item shall be as authorized by the engineer. Item shall be paid per linear foot.

REMOVAL OF EXISTING CORRUGATED HDPE PIPE AND RESET

Payment for removal of existing corrugated HDPE pipe and reset shall include removal of all pipe materials, storing materials, and installation of materials in a new location as directed by the ENGINEER. Item shall be paid per linear foot.

REMOVAL, SALVAGE, AND RESET EXISTING FENCE

Payment for removal, salvage, and reset of existing fence shall include removal of all fence materials, storing materials, and installation of materials in a new location as directed by the ENGINEER. Item shall be paid per linear foot.

6" YELLOW THERMOPLASTIC DETAIL TRAFFIC STRIPE

Payment for 6" Yellow Thermoplastic Detail Stripe shall include materials, labor, and equipment for the installation of striping at locations directed by the ENGINEER and in accordance with the Mississippi Standard Specifications for Road and Bridge Construction, latest edition. Item shall be paid per linear foot.

LEGEND WHITE THERMOPLASTIC TRAFFIC MARKING

Payment for Legend White Thermoplastic Traffic Marking shall include materials, labor, and equipment for the installation of striping at locations directed by the ENGINEER and in accordance with the Mississippi Standard Specifications for Road and Bridge Construction, latest edition. Item shall be paid per linear foot.

SOLID SOD

Payment for solid sod shall include furnishing and installing sod, fertilizer, lime and other components required to establish permanent grassing matching existing conditions. Solid Sod shall include final grading prior to installation of sod materials. The unit measurement shall be per square yard.

LANDSCAPE RESTORATION

Payment for Landscape Restoration shall include furnishing and installing of top soil, mulch, plants, fertilizer, watering, final grading and other components required to re-establish landscaping to matching existing conditions. The unit measurement shall be per square foot.

CLEARING AND GRUBBING

Payment for clearing and grubbing shall include removal of all items within the required limits of construction necessary to complete the project based on the construction plans and specifications. Payment shall include off site removal of all items removed during clearing and grubbing. Item shall include all materials, labor and equipment necessary to meet the plans and specifications. Payment shall be per acre.

TEMPORARY EROSION CONTROL

Payment for Temporary Erosion Control shall include furnishing, installing and maintaining hay bales or silt fence as required by current Mississippi Department of Environmental Quality standards. Hay bales and silt fence shall be installed and maintained to prevent erosion under or excess siltation within 24 hours of a rain event. The unit measurement shall be lump sum and includes any required maintenance.

MAINTENANCE OF TRAFFIC

Payment for maintenance of traffic will be lump sum. Item shall include all materials, labor and equipment to maintain traffic based on the current MUTCD or as required by the ENGINEER.

MOBILIZATION

Payment for mobilization shall enable contractor to assemble materials, equipment, etc. on site, to prepare for construction. The unit measurement shall be lump sum. Mobilization shall be paid 50 percent at 5 percent of construction complete and 100 percent at 25 percent of construction complete.

SANITARY SEWERAGE SYSTEMS

1.0 GENERAL

This item shall consist of furnishing all of the necessary materials, supervision, labor, tools, equipment and incidentals, and the installation of various types and sizes of sewer pipe and related items in accordance with the Contract Drawings and Specifications, as stated in the Proposal.

2.0 APPLICABLE PUBLICATIONS

The following publications form a part of this Specifications and where referred to by basic designation only, are applicable to the extent indicated. The latest editions of the publications referenced shall apply to the work.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

- A 139/139M Electric-Fusion (Arc) Welded Steel Pipe (HPS 4 inch and over).
- A 252 Welded and Seamless Steel Pipe Piles.
- C 31/C 31M Making and Curing Concrete Compressive and Flexural Strength Test Specimens in the Field.
- C 33 Specifications for Concrete Aggregate
- C 39/C 39M Compressive Strength of Cylindrical Concrete Specimens.
- D 1248 Polyethylene Plastics Extrusion Materials for Wire and Cable
- D 1784 Rigid Poly(Vinyl Chloride)(PVC) Compounds and Chlorinated Poly (Vinyl Chloride)(CPVC) Compounds.
- D 2412 Determination of External Loading Characteristics of Plastic Pipe by Parallel Plate Loading.
- D 2922 Density of Soil and Soil Aggregate in place by Nuclear Methods (Shallow Depths).
- D 3034 Specifications for Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings.
- D 3212 Joints for Drain and Sewer Plastic Pipes using Flexible Elastomeric Seals.
- F 477 Specifications for Elastomeric Seals (Gaskets) for Joining Plastic Pipe.

F 794 Poly (Vinyl Chloride)(PVC) Profile Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter.

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

A21.10 Ductile Iron Fittings, 3 inch through 48 inch for Water and other Liquids.

A21.11 Rubber Gasket Joints for Ductile Iron Pressure Pipe and Fittings.

A21.50 Ductile Iron Pipe, Design Requirements

A21.51 Ductile Iron Pipe, Centrifugally Cast in Metal Molds or Sand-lined Molds, for Water or other Liquids.

AMERICAN WATER WORKS ASSOCIATION (AWWA)

C 104 Cement-Mortar Lining for Ductile Iron Pipe and Fittings for Water and Other Liquids.

C 106 Cast Iron Pipe Centrifugally Cast in Metal Molds, for water and other Liquids.

C 110 Ductile Iron Fittings, 3 inch through 48 inch, for Water and Other Liquids.

C 111 Rubber Gasket Joints for Ductile Iron Pressure Pipe and Fittings.

C 151 Ductile Iron Pipe, Centrifugally Cast in Metal Molds or Sand-Lined Molds, for Water or other Liquids.

AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS (AASHTO)

T-88 Particle Size Analysis of Soils.

T-89 Determining the Liquid Limit of Soils.

T-90 Determining the Plastic Limit and Plasticity Index of Soils.

T-99 Moisture Density Relations of Soils Using a 5.5 lb. Rammer and 12 inch Drop.

T-191 Density of Soil In-Place by the Sand-Cone Method.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Standard Specifications for Road and Bridge Construction Current Edition.

3.0 SUBMITTALS

The following submittals shall be required for the respective materials used in the work. All submittals shall be submitted through the Contractor to the Engineer and bear on the submittal a certification from the Contractor the submittal is in conformance with the specifications.

3.1 Ductile Iron Pipe: The following submittals shall be required for ductile iron pipe systems utilized on the project. The Contractor shall furnish manufacturer's certificates certifying that the pipe and fittings conform to the requirements as specified hereinafter under Article 4.0, Materials. In addition, the submittals shall include the following:

A. Joints: The following shall be required for ductile iron joints.

1. Drawings or Manufacturer's Catalogue data indicating dimensions and tolerance.
2. Gaskets shall be tested in accordance with the respective standards as indicated in ANSI 21.11 and results shall be included in the submittals. Test shall be for similar materials on the gaskets and be not more than one year old.
3. Mechanical Joints: Should the Contractor elect to use mechanical joints in lieu of push-on joints, manufacturer's data shall be submitted in accordance with the "Special Requirements for the Mechanical Joint" as stated in ANSI 21.11 (AWWA C 111).

B. Ductile Iron Pipe Submittal Shall Include the Results of:

1. Tension Test
2. Impact Test
3. Low Temperature Impact Test

Sampling procedure shall be as indicated in ANSI 21.51.

3.2 PVC Pipe: The Contractor shall submit manufacturer's certificate which certifies the pipe and fittings conform to the requirements as specified hereinafter under Article 4.0, Materials. In addition, the Contractor shall submit the following:

A. PVC Piping: PVC Pipe shall be sampled, tested, and inspected in accordance with the provisions of ASTM D3034. Copies of test results shall be attached. Test results shall be similar material and not be more than one year old from the date of material delivery.

B. Joints: The following submittals shall be required for PVC joints.

1. Certificate with test results for joints for compliance to ASTM D 3212. Gaskets shall conform to ASTM F 477. Test results shall be for similar material and not be more than one year old.

4.0 MATERIALS

4.1 Gravity Sewer Pipe: Where the type of gravity sewer piping is not indicated on the plans, the Contractor shall furnish polyvinyl chloride (PVC) pipe.

The Contractor shall be restricted to furnishing the exact type of pipe material where indicated on the Contract Drawings.

The Contractor shall be limited to the use of only one type of pipe (so selected by the Contractor and indicated on the Proposal Form) and shall not change the type of gravity sewer pipe except as follows:

1. Where indicated on the plans, or
2. If permitted in writing by the Engineer.

A. **Ductile Iron Pipe:** Ductile iron shall be designed in accordance with the latest revision of ANSI/AWWA C150/A21.50 for a minimum 50psi.

Ductile Iron Pipe shall be manufactured in accordance with the latest revision of ANSI/AWWA C151/A21.51. Each pipe shall be subjected to a hydrostatic pressure test of at least 500 psi at the point of manufacture.

Pipe shall be standard asphaltic coating on the exterior. Pipe shall also have 40 mils of Protecto 401 Ceramic Epoxy on the interior per "Standard Specification for Lining Ductile Iron Pipe for Sewer Service".

The class or nominal thickness, net weight without lining, and casting period shall be clearly marked on each length of pipe. Additionally, the manufacturer's mark, country where cast, year in which the pipe was produced, and the letters "DI" or "Ductile" shall be cast or stamped on the pipe.

All pipe shall be furnished with Push-On Type Joints, such as Tyton or Fastite. Joints shall be in accordance with ANSI/AWWA C111/A21.11, of latest revision, and be furnished complete with all necessary accessories.

Fittings shall be ductile iron. Fittings shall conform to the latest revision of either ANSI/AWWA C600.

B. **PVC Pipe :** PVC gravity sewer pipe and fittings shall conform to the requirements of ASTM D 3034 with an SDR of 26 and a minimum stiffness of 46 lb./in. - in and 115 lb./in. - in, respectively. Joints for sewer pipe shall be either push-up or mechanical conforming to the requirements of ASTM 3212. Gaskets for sewer pipe shall conform to the requirements of ASTM F 477.

Approved adaptors shall be used for making connections between PVC pipe and

concrete manholes. Pipe connections to new manholes shall be made using a flexible synthetic rubber boot mechanically clamped to the manhole and to the pipe to provide a watertight seal.

C. Service Laterals: Service laterals for local services shall consist of fittings, pipe lengths, and connections of 6 inch or 4 inch pipe. The fittings, pipe lengths and plugs shall be of the same material as the run pipe unless otherwise indicated on the Contract Drawings. The modified sewer tees shall be an integral part of the run pipe. The remainder of the branch shall consist of standard fittings (elbows, reducers, and lengths of pipe) in accordance with the manufacturer's standard products and as specified. Pipe lengths and joint connections shall meet the specified requirements for the type materials used.

4.2 Casing Pipe: Steel pipe utilized as casing at locations shown on the Contract Drawings shall be new round piling pipe conforming to the requirements of ASTM A 252 or A 139. Casing diameter shall be adequate to allow pushing of the specified diameter of sewer pipe or force main and make proper connections at the ends. Minimum Wall Thickness for steel casing is 0.25 inch. (Hwy) and 0.28 inch (RR). Contractor shall verify the I.D. of the casing pipe is adequate for the carrier pipe prior to installation.

4.3 Wash Gravel Bedding Material: Select Granular material for pipe bedding shall be coarse concrete aggregate. The coarse concrete aggregate shall conform to the gradation sizing Number 467 specified in Table 2 of ASTM Standard Specification C-33. (See Following Table:)

SIZE NO. 467

<u>Nominal Size</u> <u>(Sieves w/Square Openings)</u>	<u>Percent Passing by Weight</u>
2"	100
1 - ½"	95 - 100
¾"	35 - 70
⅜"	10 - 30
No. 4	0 - 5

4.4 Stabilization Material: Stabilization Material shall be a pit run mixture of sand and gravel. The sand shall be hard, sharp and durable particles. All gravel shall pass a 1 - ½" sieve.

4.5 Clay Gravel Material: Clay Gravel Material shall meet MDOT Specifications, Group

4.6 Concrete: Concrete shall be in accordance with the requirements of Technical Specifications - CONCRETE

4.7 Select Fill Material: General : The select material shall be composed of a natural or artificial mixture of sand, silt, clay or soil binder or other material of satisfactory cementing value. The sand shall be hard, sharp, and durable particles, preferably siliceous. The binder shall be a grade of clay or other material having satisfactory cementing qualities and shall be homogenous in

character, free from vegetable matter, clay balls or other deleterious substances that cannot be classed as serviceable base material. Material shall meet the Standard Specifications for Road and Bridge Construction, Latest Edition for Class 9 Group C and modified to consist of a P.I of between 5 and 15.

4.8 Backfill: All other backfill shall consist of excavated material removed from the trench unless otherwise directed by the Engineer. CONTRACTOR shall separate poor and acceptable material during excavation. Failure to separate material shall require CONTRACTOR to furnish acceptable backfill at no additional cost to the project. Unacceptable material shall be disposed of off-site at the Contractor's expense.

5.0 CONSTRUCTION:

5.1 Earthwork:

A. Site Preparation: Topsoil shall be stripped and stockpiled in accordance with Technical Specifications - Restoration of Roads, Driveways, Fences, Lawns, and other Grassed Areas.

All vegetation such as brush, heavy sod, heavy growth of grass, decayed vegetative matter, rubbish and any other unsuitable material within the area of trenching shall be stripped or otherwise removed before the trenching is started, and in no case shall such objectionable material be allowed in the trench.

Stripping operation shall be to a depth of not less than 6 inches in all cases.

Where possible, Contractor shall remove turf in sections, keep damp, and replace upon completion of backfilling.

B. Asphalt or Concrete Removal: Before trenching operations begin, the existing asphalt or concrete pavement shall be scored or cut to a proper depth to give a straight vertical edge when removed. The asphalt or concrete shall be disposed of offsite by the Contractor at his expense. While removing the asphalt or concrete in the trench line, never shall the adjacent asphalt be raised or pulled from its base.

C. Trenching: The Contractor shall determine all requirements for trench dimensions, alignment, and grades. The trench shall be excavated in conformance with all federal, state and local regulations for the protection of the workmen. Shoring, sheeting and/or a moveable form shall be used as required to provide earth stability during the laying operations.

The final excavation of the trench for the pipe installation shall be as indicated on the Plans. Minor variations in horizontal (within the permanent easement) or vertical alignment during construction shall be made during construction (with the Engineer's approval) to facilitate ease of installation and operation (due to potential conflicts; i.e., utility conflict) at no additional cost to the Owner except for additional piping, if any. The trench from the top of the pipe down to the bottom of the bedding shall be of a consistent width as indicated on the plans. Should

the excavated width of the trench be larger than the design width, the Engineer may direct that a higher type or class of bedding be used; or other adjustments be made to increase the load carrying capacity of the pipe. In the event trench width is wider than allowed on the plans, Contractor shall absorb the cost of additional wash gravel bedding based on neat line quantity calculations.

The Contractor shall not excavate more trench in advance of pipe laying than is necessary to perform the work efficiently. No more than 100 feet of open trench shall be allowed unless approved by the Engineer.

Excavated material shall be placed in a manner that will not obstruct sidewalks, driveways, or other structures. Excavated material shall not be placed so as to surcharge the walls and jeopardize trench stability.

If adequate area is not available on the construction site, the Contractor will be required to stockpile material off site. Owner shall not bear any additional expense.

Ledge Rock, boulders and large stones shall be removed to provide a minimum clearance of 4 inches (10 cm) below and on each side of all pipes.

It is the intention of these specification that there shall be a minimum interruption to traffic and all traffic control shall be in accordance with the MUTCD.

D. Disposal: The Contractor shall satisfactorily dispose of all excess earth from excavations either in approved (by the Engineer) areas within the construction limits or away from the project in disposal sites obtained by the Contractor.

The Contractor will be permitted to mound excess earth over the trench to a maximum depth of 12 inches above the original ground surface or finished grade where the trench is located in unimproved property. Wasting of excess excavated material will not be permitted within any road ROW. All material within the construction limits shall be placed so that natural drainage is maintained and the surface shall be graded to a smooth and uniform appearance. The disposal of waste and excess excavating materials, including hauling, handling, grading, and surfacing shall be subsidiary obligation of the contractor and no separate payment will be made. Therefore, the cost of such work shall be included in the Contract Unit Price for installation of sewer pipe.

E. Dewatering: The site shall be kept free of surface water at all times. The Contractor shall install drainage ditches and dikes and shall perform all pumping and other work necessary to divert or remove rainfall and other accumulations of surface water from the excavations. The diversion and removal of surface water shall be performed in a manner that will prevent the accumulation of water behind temporary structures or at any other locations within the construction area where it may be detrimental. The Contractor shall provide, install, and operate sufficient trenches, sumps, pumps, hoses, piping, well points, deep wells, etc., necessary to depress and maintain the ground water level at least one foot below the base of the excavation during all stages of construction operations. The ground water table shall be lowered in advance of excavation and maintained a minimum of one foot below the lowest excavation subgrade

made until the structure has sufficient strength and weight to withstand horizontal and vertical soil and water pressures.

Where groundwater is encountered, the Contractor shall make the effort necessary to secure a dry trench bottom before laying pipe. In sandy and in other suitable type soils, dewatering shall be done by well pointing. If, in the opinion of the Engineer, the Contractor has failed to obtain an absolutely dry trench bottom by insufficient use of all known methods of trench dewatering, the Engineer may order the Contractor to excavate below grade and place not less than 6 inches of graded crushed stone fill material over the trench bottom to form trench drains to suitably located sumps and to remove the water by bailing or pumping. The graded crushed stone fill material shall be placed at the Contractor's own expense and shall be of such depth that there shall be not water in bell holes at the time of coupling pipe. All costs of equipment, labor, and materials required for dewatering shall be included in the pipe laying operation.

F. Bedding: The Contractor shall satisfactorily shape the trench area (to specified line, grade and cross section) to receive bedding material. The bottom of the trench shall be undisturbed soil. Should the Contractor over excavate the trench without direction from the Engineer, the trench shall be brought up to grade with wash gravel bedding and compacted to at least 90% of maximum laboratory density as measured by AASHTO T 99. Such additional work and materials for over excavation, without direction of the Engineer, shall be at the expense of the Contractor.

Holes for the bells shall be provided at each joint in the subgrade or in the granular fill bedding material as required. The holes shall be no larger than necessary for joint assembly and assurance that the pipe barrel will lie flat on the material. The Contractor shall install the proper bedding for the respective type of pipe and depth of installation as shown in the details and schedules on the plans. When depths vary in a particular manhole run, the Contractor shall change bedding systems in accordance with the depth installation requirements.

1. Stabilization Materials: When the subgrade is found to be unstable or to include ashes, refuse, organic material, or other unsuitable material, the Engineer may direct that the subgrade be over excavated to remove such material. The depths of over excavation shall be as directed by the Engineer. Stabilization material shall be placed into the over excavated area of the trench and shall be paid for in accordance with these specifications. Stabilization shall be compacted to at least 90% of maximum laboratory density in six inch lifts.

2. Bedding Materials: As detailed in the plans, bedding material shall be placed to the specified depth below the pipe and tamped to a minimum of 90% of maximum laboratory density as determined in accordance with AASHTO T 99. Following placement of pipe, additional bedding material shall be placed and consolidated under the haunches of the pipe. Special tools shall be required to work the material into place and leave no voids beneath the pipe. The bedding material shall be tamped along the spring line (or along the top of the bedding material as indicated) of the pipe to sufficiently compact the material insofar as practical.

The Engineer may direct additional moisture be added to the bedding material to aid in

the compaction effort. Mechanical tampers may be employed to aid the process. Depending on the particular bedding required, additional bedding shall be added and tamped to a minimum of 90% of maximum laboratory density, with AASHTO T-99.

3. Select Backfill: Select backfill shall be placed in 6 inch lifts and tamped to a minimum laboratory density with AASHTO T-99. Overall depth of the select backfill shall be as directed by the Engineer.

4. Normal Condition Bedding: Under normal conditions the trench bottom shall be undisturbed earth shaped to the specified line, grade, and cross section with proper bell holes at each joint to ensure that pipe barrel lies flat on trench bottom. The bedding material will be selected native materials excavated from the trench and placed in two lifts. The first lift being placed up to the spring line of the pipe and extending out to the trench walls and hand tamped to a minimum of 90% of maximum laboratory density. Special care shall be used in placing and tamping bedding to insure no voids under the haunches of the pipe. The second lift shall extend to approximately 6" above pipe (Material permitting) and hand tamped to 90% density.

5. Backfilling: Upon completion of placement of select material the excavated materials shall be immediately placed back into the trench. Specific requirements are:

- a Backfill requirements for road crossings, parking lots, driveways, and sidewalks shall be in accordance with Technical Specifications - RESTORATION OF ROADS, DRIVEWAYS, FENCES, LAWNS, AND OTHER GRASSED AREAS.
- b. Backfill requirements for unimproved areas (pastures, wooded areas) shall consist of placement and shaping of the soil in such a manner as to allow maximum natural consolidation. No compaction of the general backfill in the unimproved areas will be required, except that caused by conventional shaping equipment.
- c. No debris shall be used as backfill which has a volume in excess of one-half of one cubic foot or a weight excess of 75 pounds.

6. Sheeting Removal: Wooden sheeting or other thick sheeting or shoring members which have been driven or otherwise placed along the trench walls to an elevation below the spring line of the pipe shall be cut off at the spring line or higher and left in place.

7. Grading and Grassing: Final grading and grassing shall be in accordance with Technical Specifications - RESTORATION OF ROADS, DRIVEWAYS, FENCES, LAWNS, AND OTHER GRASSED AREAS.

5.2 PIPE HANDLING AND STORAGE: Pipe shall be handled, staked, and stored in accordance with manufacturer's printed literature. The Contractor shall provide security as required to prevent damage by vandals. PVC pipe shall be shaded from sunlight for extended lengths of time. Pipe damaged during storage and handling shall be rejected.

5.3 PIPE LAYING: Pipe laying shall proceed upgrade with the spigot ends of the bell-and-spigot pipe and tongue ends of the tongue and groove pipe jointing in the direction of flow. Each pipe shall be laid true to line and grade and in such a manner as to form a close concentric joint with the adjoining pipe and to prevent sudden offsets of the flow line. As the work progresses, the interior of the sewer shall be cleared of all dirt and superfluous materials of every description. Where cleaning after laying is difficult because of small pipe size, a suitable swab or drag shall be kept in the pipe and pulled forward past each joint immediately after the jointing has been completed. Trenches shall be kept free of water and pipe shall not be laid when the condition of the trench or the weather is unsuitable for such work. At times when work is not in progress, open ends of pipe and fittings shall be securely and satisfactorily closed so that no trench water, earth, or other substance will enter the pipe or fittings.

Pipe laying shall be performed in such a manner that no foreign material enters the pipe. The Engineer may require that before lowering pipe, heavy canvas bags be placed over each end, and left in place until joints are ready to be made. If water is in the trench, the seals shall remain in place until the trench is pumped completely dry. If conditions are unsuitable, no pipe shall be laid until satisfactory laying conditions are obtained in accordance with the above specified requirements.

The Contractor shall utilize a commercial grade laser beam specifically manufactured to aid in maintaining grade and alignment of pipelines during installation. The primary unit shall be mounted on a heavy duty base and firmly anchored in the downstream manhole of the reach under construction. The maximum distance shall not exceed four hundred feet (400') per set-up without the approval of the Engineer.

Each joint of pipe shall be installed using an approved target to align the pipe with the projected laser beam. The methods and procedures shall be in strict accordance with the manufacturer's recommendations and instructions. Proper ventilation shall be maintained at all times. Care shall be exercised in order to prevent bumping or misalignment of the projected beam. Sewer lines shall be laid such that the installed variation of invert elevations when compared with the construction plans does not exceed 0.05 feet. Sewer lines in which said variation exceeds 0.05 feet may be rejected. Sewer pipe shall be visually inspected for alignment by lamping, televising or by other appropriate means to determine alignment.

Whenever a movable steel box is used in place of sheeting, the Contractor shall take care to prevent the pipe from moving when the steel box is moved.

5.4 PIPE JOINTING: Piping shall be jointed in accordance with the manufacturer's printed recommendations. Gaskets shall be firmly set within the bells and grooves as required. The manufacturer's recommended lubricant or an approved equal shall be applied for slip type joints.

A. PVC Pipe Joint Construction: The bell and spigot ends of PVC sewer pipe shall be cleaned of all foreign material that could interfere with proper assembly of the joints. The spigot

ends shall be cleaned one inch (1") beyond the joint assembly reference mark.

The spigot end of the pipe shall be thoroughly lubricated in accordance with the manufacturer's recommendations. The coating should be the equivalent of a brush coat of enamel paint and maybe applied by hand, cloth, pad sponge or glove.

The lubricated spigot end shall be inserted into the bell keeping the pipe length in proper alignment. The bell shall be braced while the spigot end is pushed in under the rubber ring, so that previously competed joints in the line will not be closed up. The spigot end shall be pushed into the bell until the reference mark is flush with the end of the bell. Pipe shall be pushed by use of a bar or other means approved by the Engineer. Hydraulic excavators, backhoes, or other machinery shall not be used to push slip-joint pipe together.

Generally, the installation and jointing of PVC Pipe shall conform to the requirement so the latest edition of ASTM D-2321, "Underground Installation of Flexible Thermoplastic Sewer Pipe".

Any pipe cuts shall be of neat line. Pipe shall have bevel edges according to the manufacturer's recommendations.

B. Ductile Iron Pipe Joint Construction: The installation and jointing of ductile iron pipe and shall generally conform to the applicable provisions of AWWA Standard Specifications C-600 for pipe laying.

Where mechanical joint pipe is used, the surfaces which come in contact with the gasket shall be thoroughly brushed with a wire brush just prior to assembly. The gasket should be brushed with soapy water prior to installation to remove loose dirt and to lubricate gasket as it is forced into its retaining space.

When tightening bolts, it is essential that the gland be brought up toward the pipe flange evenly. The bolts should be partially tightened; the bottom bolt first; then the top; next the bolts on either side; and last , the remaining bolts. Overstressing of bolts to compensate for poor installation will not be permitted. Bolt torque shall be in accordance with manufacturer's specifications.

All joints of whatever type shall be completely water tight after being subjected to the required tests.

C. Jointing Dissimilar Pipes: Suitable adaptor couplings are required for connecting dissimilar pipes. The couplings shall be approved by the Engineer before installation.

5.5 STREAM CROSSING: Ductile iron pipe Class 50 shall be used as shown on the Drawings. Granular fill, concrete, and concrete collars shall be placed or constructed as shown on the contract drawings.

5.6 SERVICE LATERALS (LINES): Modified sewer tees shall be installed on the run pipe at the appropriate field locations. Service lines of the sizes specified shall be laid to a uniform grade so that the customer being served can be tied-in using good construction practices. All tamping and backfilling operations shall be performed the same as on main line pipe. Removable plugs shall be securely installed in pipe ends and a 2" x 2" treated post extending 12" above the ground line shall mark the pipe end location if the lateral is not connected to an existing sewer. For service laterals in which a connection to an existing service is required, the Contractor shall make the connection. Contractor shall verify the location of all service laterals within the project area prior to construction.

5.7 BORINGS: Borings shall be accomplished in accordance with Mississippi Standard Specifications for Road and Bridge Construction or Railway Standards. The contractor shall provide all necessary sheeting, bracing, cribbing, supports and appurtenances to insure the proper line and grade throughout the entire length of the crossing.

A. Casing Pipe: Casing Pipe shall be installed as indicated on the Contract Drawings. Joints shall be completely welded to provide structural integrity and shall be water tight.

B. Carrier Pipe: Carrier pipe may be any of the allowed options of piping. However, the piping and joints shall be capable of withstanding the stress exerted by pushing the pipe within the casing.

C. Carrier Pipe Supports: Supports for the carrier pipe shall be as recommended by the manufacturer for such installation. Supports shall be spaced to adequately support the piping under surcharged sewage conditions.

D. Casing Seal: The annulus between the casing and carrier pipe shall be sealed at each end with a quick setting grout.

5.8 RELATION TO WATER MAINS:

A. Horizontal Separation: Whenever possible, sewers should be laid at least 10 feet, horizontally, from any existing or proposed water main. Should local conditions prevent a lateral separation of 10 feet, a sewer may be laid closer than 10 feet to a water main if:

1. It is laid in a separate trench.
2. It is laid in the same trench with the water mains located at one side on a bench of undisturbed earth.
3. In either case the elevation of the crown of the sewer is at least 18 inches below the bottom of the water main.

B. Vertical Separation: Whenever sewers must cross under water mains, the sewer shall be

laid at such an elevation that the top of the sewer is at least 18 inches below the bottom of the water main. When the elevation of the sewer cannot be buried to meet the above requirement, the water main shall be relocated to provide this separation or reconstructed with slip-on or mechanical-joint ductile iron pipe, or prestressed concrete cylinder pipe for a distance of 10 feet on each side of the sewer. One full length of water main should be centered over the sewer so that both joints will be as far from the sewer as possible.

C. Special Conditions: When it is impossible to obtain proper horizontal and vertical separation as stipulated above, the water main should be constructed of slip-on or mechanical-joint ductile iron pipe, or prestressed concrete cylinder pipe and the sewer constructed of mechanical-joint ductile iron pipe and both services should be pressure tested to assure water tightness.

5.9 CONTINUATION OF SERVICE

The existing wastewater system shall remain in operation during the duration of the project until such time it is no longer needed. Should removal of facilities from operation become necessary, a plan which will avoid or minimize pollution effects on any receiving stream and provide alternate service for wastewater facilities shall be reviewed and approved in advance by the Mississippi Department of Environmental Quality and shall be adhered to during construction.

Where shown on the plans or directed by the Engineer, new sewers shall be connected to existing sewers either by constructing a manhole over an existing line (doghouse) or by coring through the wall of an existing manhole.

6.0 TESTING

6.1 Ductile Iron Pipe:

A. Field Inspection: The Engineer shall perform visual inspection of the material prior to placement by the Contractor. The Engineer may make non-destructive tests to determine the soundness of the pipe. The Contractor shall assist the Engineer in handling and moving the pipe as required.

B. Material Test: Material test shall be conducted during the manufacturing process and the results shall be included as part of the submittals. No other material test shall be required.

6.2 PVC PIPING: Material test shall be conducted during the manufacturing process and the results shall be included as part of the submittal. No other material test shall be required.

6.3 STEEL CASING PIPE: Material test shall be included as part the submittal. No other material test shall be required.

6.4 BEDDING MATERIAL AND STABILIZATION MATERIAL: Test for gradation and

test for material passing the No. 40 sieve shall be as follows:

Gradation	- AASHTO T 88
Liquid Limit	- AASHTO T 89
Plasticity Index	- AASHTO T 90

One set of each test listed above will be required for every 500 cubic yards or major fraction thereof.

6.5 COMPACTION TESTS: Compaction tests shall be performed in accordance with AASHTO T191 and ASTM D 2922. Maximum compaction shall be determined in accordance with AASHTO T99.

CONTRACTOR shall establish a compaction method or pattern which results in the proper density for the material utilized in the backfill operation. CONTRACTOR shall verify the compaction method by testing each lift for density in the first run of pipe to be laid. Upon satisfactory performance and approval of the ENGINEER the established compaction method shall be used for compaction of each lift of similar material.

The CONTRACTOR shall provide additional density testing to verify the compaction effort; twice in random locations as selected by the ENGINEER every 1,500 linear feet of pipe, if there is a change in material, or if in the sole opinion of the ENGINEER the compaction effort is not yielding the proper results.

(Number of Compaction Tests)

AASHTO T-99	
AASHTO T-191	or
ASTM D 2922	
Select Backfill Material OR	
Stabilization Material	1
One per 100 CY	
Bedding Material	2
One per 600 LF	
Tamped Backfill	2
One per 600 LF	

6.6 INFILTRATION/EXFILTRATION/LAMP TEST: The Contractor shall provide all plugs, water supply, measuring devices, and all other equipment, material, labor and supervision to measure the infiltration and exfiltration tests as specified below. The Contractor shall perform the test in the presence of the Engineer. All gravity sewer pipe shall be tested in

accordance with the following applicable requirements.

A. Infiltration Test: The infiltration test shall be conducted between adjacent manholes. The outlet pipe on the downstream manhole shall be plugged and tested for water tightness to the satisfaction of the Engineer. The accumulated depth of water in the downstream manhole shall be read at 12 hour intervals for two (2) days and the infiltration rate calculated from the data obtained. Any section exceeding an infiltration rate of 200 gallons/day/inch diameter/mile shall be relayed at the Contractor's expense. This means that the Contractor shall locate and repair leaks as necessary to pass the infiltration test. Infiltration test shall be utilized only when ground water is above pipe.

B. Low Pressure Air Test: Air test shall be conducted in strict accordance with the manufacturer's instructions, including all recommended safety precautions. Equipment used for air testing shall be specifically designed for such and include a monitoring gauge with 0 to 5 psi with a minimum division of 0.1 psi and an accuracy of no less than 0.05 psi

1. Air testing shall be conducted for completed gravity sewer mains
2. After an internal pressure of 4.0 psi is obtained, allow at least 2 minutes for pressure to stabilize, adding only the amount of air necessary to maintain pressure. After stabilization period, adjust the pressure to 3.5 psi and valve off air supply.
3. Determine the minimum pressure holding time allowed for pressure to drop from 3.5 psi to 3.0 psi as shown on the table below.

Minimum Holding Time for Low Pressure Air Test

Nominal Pipe Size (inches)	Time per 100 ft.
6	42 sec.
8	1 min. - 12 sec.
10	1 min. - 30 sec.
12	1 min. - 48 sec.
15	2 min. - 6 sec.
18	2 min. - 24 sec.
21	3 min.
24	3 min. - 36 sec.
27	4 min. - 12 sec.
30	4 min. - 48 sec.
33	5 min. - 24 sec.
36	6 min.

C. Visual Test: Gravity sewer lines will be lamped and shall show a true line between manholes without defects in conditions, grade, or alignment. Any defective lines shall be subject to a closed-circuit television inspection performed at the Contractor's expense.

6.7 DEFLECTION TESTS: 100% of the PVC gravity sewer mains shall be tested 30 days after the final backfill has been in place by the following method:

Use a "Go-, no-go" mandrel which is sized to such dimensions that it will not "go" when encountering a deflection greater than 5%. The instructions for its use are as follows:

A. Completely flush the line making sure the pipe is clean of any mud or debris that would hinder the passage of the mandrel.

B. During the final flushing of the line, attach a floating block or ball to the end of the mandrel, pull rope and float the rope through the line. (A nylon ski rope is recommended)

C. After the rope is threaded through the line, connect the pull rope to the mandrel and place the mandrel in the entrance of the pipe.

D. Connect a retrieval rope to the back of the mandrel to pull it back if necessary.

E. By hand, remove all the slack in the pull rope and place a tape marker on the top at the end of the pipe where the mandrel will exit, determining the location of the mandrel in the line.

F. By hand, draw mandrel through the sewer lines. If any irregularities or obstructions are encountered in the line, they shall be corrected by the Contractor.

G. If a section with excessive deflection is found, locate it; dig down and uncover the pipe; if any damaged pipe is found, replace it; if pipe is not damaged, realign and thoroughly tamp haunching and initial backfill; replace remainder of backfill.

H. Re-test this section for deflection after 30 days from initial testing.

STANDARD SPECIFICATION
FOR LINING DUCTILE IRON PIPE
FOR SEWER SERVICE

1.0 Condition of Ductile Iron Prior to Surface Preparation

All ductile pipe and fittings shall be delivered to the application facility without asphalt, cement lining, or any other lining on the interior surface. Because removal of old linings may not be possible, the intent of this specification is that the entire interior of the ductile iron pipe and fittings shall not have been lined with any substance prior to the application of the specified lining material and no coating shall have been applied to the first six inches of the exterior of the spigot ends.

2.0 Lining Material

The Standard of Quality is Protecto 401 Ceramic Epoxy. The material shall be an amine cured novalac epoxy containing at least 20% by volume of ceramic quartz pigment. Any request for substitution must be accompanied by a successful history of lining pipe and fittings for sewer service, a test report verifying the following properties, and a certification of the test results.

A permeability rating of 0.00 when tested according to Method A of ASTM E-96-66, Procedure A with a test duration of 30 days.

The following test must be run on coupons from factory lined ductile iron pipe:

ASTM B-117 Salt Spray (scribed panel) - Results to equal 0.0 undercutting after two years.

ASTM G-95 Cathodic Disbondment 1.5 volts @ 77°F. Results to equal no more than 0.5mm undercutting after 30 days.

Immersion Testing rated using ASTM D-714-87.

20% Sulfuric Acid - No effect after two years.

140°F 25% Sodium Hydroxide - No effect after two years.

160°F Distilled Water - No effect after two years.

120°F Tap Water (scribed panel) - 0.0 undercutting after two years with no effect.

An abrasion resistance of no more than 3 mils (.075mm) loss after one million cycles using European Standard EN 598: 1994 Section 7.8 Abrasion Resistance.

3.0 Application

Applicator

The lining shall be applied by a certified firm with a successful history of applying linings to the interior of ductile iron pipe and fittings.

Surface Preparation

Prior to abrasive blasting, the entire area to receive the protective compound shall be inspected for oil, grease, etc. Any areas with oil, grease, or any substance which can be removed by solvent, shall be solvent cleaned to remove those substances. After the surface has been made free of grease, oil or other substances, all areas to receive the protective compounds shall be abrasive blasted using sand or grit abrasive media. The entire surface to be lined shall be struck with the blast media so that all rust, loose oxides, etc., are removed from the surface. Only slight stains and tightly adhering oxide may be left on the surface. Any area where rust reappears before lining must be reblasted.

Lining

After the surface preparation and within 8 hours of surface preparation, the interior of the pipe shall receive 40 mils nominal dry film thickness of Protecto 401. No lining shall take place when the substrate or ambient temperature is below 40 degrees Fahrenheit. The surface also must be dry and dust free. If flange pipe or fittings are included in the project, the lining shall not be used on the face of the flange.

Coating of Bell Sockets and Spigot Ends

Due to the tolerances involved, the gasket area and spigot end up to 6 inches back from the end of the spigot end must be coated with 6 mils nominal, 10 mils maximum using Protecto Joint Compound. The Joint Compound shall be applied by brush to ensure coverage. Care should be taken that the Joint Compound is smooth without excess buildup in the gasket seat or on the spigot ends. Coating of the gasket seat and spigot ends shall be done after the application of the lining.

Number of Coats

The number of coats of lining material applied shall be as recommended by the lining manufacturer. However, in no case shall this material be applied above the dry thickness per coat recommended by the lining manufacturer in printed literature. The maximum or minimum time between coats shall be that time recommended by the lining material manufacturer. **To prevent delamination between coats, no material shall be used for lining which is not indefinitely recoatable with itself without roughening of the surface.**

Touch-Up & Repair

Protecto Joint Compound shall be used for touch-up or repair in accordance with manufacturer's recommendations.

4.0 Inspection and certification

Inspection

All ductile iron pipe and fitting linings shall be checked for thickness using a magnetic film thickness gauge. The thickness testing shall be done using the method outlined in SSPC-PA-2 Film Thickness Rating.

The interior lining of all pipe barrels and fittings shall be tested for pinholes with a nondestructive 2,500 volt test. Any pinholes found shall be repaired prior to shipment.

Each pipe joint and fitting shall be marked with the date of application of the lining system along with its numerical sequence of application on that date and records maintained by the applicator of his work.

Certification

The pipe or fitting manufacturer must supply a certificate attesting to the fact that the applicator met the requirements of this specification, and that the material used was as specified.

5.0 Handling

Protecto 401 lined pipe and fittings must be handled only from the outside of the pipe and fittings. No forks, chains, straps, hooks, etc. shall be placed inside the pipe and fittings for lifting, positioning, or laying. The pipe shall not be dropped or unloaded by rolling. Care should be taken not to let the pipe strike sharp objects while swinging or being off loaded. Ductile iron pipe should never be placed on grade by use of hydraulic pressure from an excavator bucket or by banging with heavy hammers.

MANHOLES

1.0 GENERAL:

This item shall consist of furnishing all materials, labor, supervision, tools, equipment and incidentals for the construction of standard manholes, in accordance with the Contract Drawings and Specifications. Included in the work are structural excavation, backfill, and disposal of excess material.

2.0 APPLICABLE DOCUMENTS:

The following publications form a part of this specification and where referred to by basic designation only, are applicable to the extent indicated. The latest editions of the publications referenced shall apply to the work.

American Society for Testing and Materials (ASTM)

A 48/A48M	Standard Specification for Gray Iron Casting
C 39/C39M	Standard Specification for Test for Compressive Strength of Cylindrical Concrete Specimens
C 443	Standard Specification for Joints for Circular Concrete Pipe and Manholes Using Rubber Gaskets
C 478	Standard Specification for Precast Reinforced Concrete Manhole Sections
C 497	Standard Test Methods for Concrete Pipe, Manhole Sections, or Tile
C 2922	Density of Soil and Soil Aggregate in Place by the Nuclear Method (Shallow Depths)

American Association of State Highway and Transportation Officials (AASHTO):

M-198 Standard Specifications for Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants.

T-99 Standard Method of Test for the Moisture-Density Relations of Soils Using a (2.5kg) Rammer and (305 mm) Drop.

T-191 Standard Method of Test for Density of Soil In-Place by the Sand-Cone Method.

3.0 SUBMITTALS

The following tests or data shall be submitted to the Engineer from the Contractor for approval prior to incorporation into the work:

3.1 Certificates: The Contractor shall furnish certificates from supplier certifying the products conform to the required specifications included herein for the following items:

- 3.1.1. Flexible Plastic Gaskets
- 3.1.2. Precast Manhole Bases
- 3.1.3. Precast Manhole Riser Sections
- 3.1.4. Manhole Steps
- 3.1.5. Manhole Frames and Covers (ASTM A 48)
- 3.1.6. Epoxy Grout

3.2 Catalogue Cuts or Brochures: The Contractor shall also submit catalogue cuts or product brochures providing descriptive data, recommended application and use, and installation procedure for the following items:

- 3.2.1. Manhole Frames and Covers
- 3.2.2. Epoxy Grouts
- 3.2.3. Manhole Steps

4.0 MATERIALS

4.1 Manhole Riser Sections: Manhole riser sections shall be precast reinforced sections conforming to ASTM C 478 and as shown on the Contract Drawings.

4.2 Joints: Joints for precast riser sections shall be concrete pipe type flexible plastic gaskets. Joint material shall be pre-formed conforming the requirements of AASHTO M-198. Installation shall be in accordance with manufacturer's recommendations.

4.3 Concrete Manhole Bases: Concrete manhole bases shall be precast or cast-in-place as follows:

4.3.1 Cast-In-Place Manhole Bases and Box Type Bases (if used): Concrete and reinforcing steel shall conform to the requirements of Technical Specifications - CONCRETE.

4.3.2 Precast Concrete Bases: Precast concrete bases shall conform to the requirements of ASTM 478 with reinforcing steel (size and spacing as indicated on the plans).

4.4 Manhole Steps: Manhole steps shall be plastic coated corrosion resistant with a minimum

design load of 300 pounds and shall be installed as shown on the Contract Drawings.

4.5 Cement Grout: Cement grout shall be high strength, non-metallic conforming to Corps of Engineers CRD-C-588. The grout shall be V-3 by W. R. Meadows, Inc., Masterflow 713 by Master Builders or equal.

4.6 Manhole Frame and Covers: Manhole frame and covers shall conform to ASTM A 48 as well as to the following requirements. All frame and covers shall be new when installed for the project and shall meet AASHTO H-20 loading condition.

4.6.1 Standard Manhole Cover and Frame - shall be as manufactured by Dews Foundry, Jackson Standard, Model DF-25 (7) or Vulcan Foundry, Model V-1115, 420 Pounds, marked "CITY OF HATTIESBURG SEWER", domestic origin, or equal.

4.6.2 Water Tight Manhole Cover and Frame - shall be as manufactured by Vulcan Foundry, Model V2357, or Dews Foundry, Model DF-25(7)W.T., 410 pounds with neoprene gasket, four 5/8 inch stainless steel bolts recessed into cover. Cover labeled "CITY OF HATTIESBURG SEWER", domestic origin, or approved equal.

4.7 Epoxy Grout: Epoxy Grout shall be high strength non-metallic, non-shrinking. The grout shall be as by EMBECO, Inc., SEAL-COAT or approved equal.

4.8 Drop Manholes: Concrete for drop manholes shall conform to the requirements of Technical Specifications - CONCRETE. Pipe and fittings shall be the same material and size as the incoming gravity sewer.

4.9 Flexible Connection: At all sewer connections to manholes, provide gasket flexible watertight connection that allows for differential settlement of the pipe and manhole wall. Bands, clamps and other metal accessories shall be of Series 304 stainless steel.

4.10 All manholes: All manholes shall be lined inside with a twenty (20) mil dry film thickness of an acceptable coal tar epoxy system.

5.0 CONSTRUCTION

5.1 Earthwork

5.1.1 General: Excavation shall be to the extent required to allow proper construction of the manhole. Shoring and sheeting shall be utilized where required by Federal, State and local codes and regulations for safe working conditions. In addition, shoring and sheeting shall be required to protect the integrity of adjacent structures or prevent adverse effects on surrounding areas. Dewatering shall be employed to the extent required to allow dry working conditions.

5.1.2 General Excavation: The Contractor shall "lay back" or employ shoring and sheeting as required to assure stability of the excavation. Material shall be stockpiled so as not to surcharge adjoining pipe trenches. Topsoil shall be separated so as to allow the maximum reuse in grassing operations.

5.1.3 Structural Excavation: The area immediately beneath the manhole bases shall be graded and compacted. Compaction shall be to 96% of maximum laboratory density as determined by AASHTO T 99. Should unsuitable material be encountered, the Engineer may direct that the area be over excavated and filled with stabilization material. Specification for stabilization material and payment for such shall be in accordance with Technical Specifications.

5.1.4 Backfilling: Backfill material shall consist of select backfill in accordance with Technical Specifications. Backfilling shall be uniformly placed around the structure in 10-inch layers and be compacted to 90% of maximum density to full depth in unimproved areas. Backfill in paved areas and within five feet to any edge of pavement shall be compacted to 95% of maximum laboratory density in 6-inch layers to the subgrade line. Refer to Technical Specifications.

5.1.5 Salvage: Manhole frames and covers removed during excavation shall remain the property of the Owner and shall be delivered to a location designated by the Owner. All other items removed shall be disposed of by the CONTRACTOR at his expense.

5.2 Riser Installation: Precast concrete riser sections shall be installed plumb and in accordance with the details shown on the Contract Drawings. Joints shall be installed in accordance with manufacturer's recommendations.

The manhole invert channels shall be formed in the bases, smooth and semi-circular in shape conforming to the inside of the adjacent sewer section. Changes in the direction of flow shall be made with a smooth curve of as large a radius as the size of the manhole will permit. Changes in size and grade of the channels shall be formed directly in the concrete of the manhole base. The joint between the base and riser section shall be sealed with epoxy grout. Clean pea gravel shall be used as the epoxy grout filler.

Standard manhole cut-outs and lifting holes shall be sealed with epoxy grout.

5.3 Cast-In-Place Concrete: Bases, flat tops, and drop manhole risers shall be constructed in accordance with Technical specifications - CONCRETE.

5.4 Manhole Steps: Manhole steps shall be installed during the manufacturing of the riser or cone sections. Risers and cones shall be joined so the steps are vertically aligned.

5.5 Manhole Frame and Covers: Manhole frame and covers shall be set and grouted in place

with cement grout. For manholes located in roads or streets, the manhole cover shall be flush with pavement or surface course.

6.0 TESTING

6.1 General: The Contractor shall conduct (and bear the cost of) all testing (Laboratory Approved by the Owner) as directed by the Engineer and furnish results of such tests prior to incorporating the material into the work. All testing is subsidiary to Manhole Payment Items.

6.1.1 Cast-In-Place Concrete Items: The concrete quality testing for manhole bases, drop manholes, and valve boxes shall be tested in accordance with Technical specifications - CONCRETE.

6.1.2 Manhole Risers and Precast Concrete Bases: Manhole risers and precast concrete bases shall be tested for concrete compressive strength. If the place of manufacture is local and reasonably available to the Engineer, Paragraph (a) shall be followed for testing requirements. Should the place of manufacture not be available, Paragraph (b) shall apply.

The contractor shall prepare (in the presence of the Engineer) standard rodded concrete cylinder or cylinders compacted and cured in a similar manner to the manhole sections. Concrete for such cylinders shall be typical fresh concrete mix drawn from the actual casting operation of a riser or base. Cylinders shall be tested in accordance with ASTM C 39. The average compressive strength shall be equal to or greater than the specified design strength (4000 psi). Not more than 10% of the cylinders shall fall below the design strength (4000 psi). In no case shall any cylinder tested fall below 3200 psi. Number of such cylinder tests shall be as follows:

6.1.2.1 One set of cylinders for each day's run castings or

6.1.2.2 One set of cylinders for each 200 linear feet of riser sections manufactured.

6.1.2.3 One set of cylinders per 20 bases or flat tops manufactured.

The Engineer may require additional tests should compressive test results fail.

6.1.3 Earthwork Test: Maximum laboratory density shall be measured in accordance with AASHTO T-99. Field densities shall be determined in accordance with AASHTO T-191 or ASTM D 2992. Standard proctors and field densities shall be performed in accordance with the following schedule.

Standard proctor tests shall be required for earthwork associated with manhole construction. At least two (2) field density tests shall be conducted for earth work associated with each manhole construction.

6.1.4 Inspection for Watertightness: All manholes shall be inspected for watertightness prior to placing into service.

RESTORATION OF ROADS, DRIVEWAYS, FENCES

LAWNS AND OTHER GRASSED AREAS

1.0 GENERAL

The work under this item of work shall consist of furnishing all necessary materials, labor, supervision, tools, equipment and incidentals for the restoration of roads, driveways, fences, lawns and other grassed areas so as to provide satisfactory repair to all damage caused by general construction work. It is the intent of this Specifications to restore all such features to the general conditions that existed prior to construction activity insofar as practical. It is not the intention of this Specification that trees, which must be cut and removed, be restored. The Contractor is expected to be familiar with the overall area and be satisfied as to the materials required and level of effort needed to accomplish such restoration in accordance with this Specification.

2.0 APPLICABLE PUBLICATIONS

The following publications form a part of this specification and where referred to by basic designation only, are applicable to the extent indicated. The latest editions of the publications referenced shall apply to the work:

American Association of State Highway and Transportation Officials (AASHTO).

- T 99 Standard Method of Test for the Moisture Density Relations of Soils Using a 5.5 lg. (2.5 kg) Rammer and a 12-inch (305 mm) Drop.
- T 167 Compressive Strength of Bituminous Mixture
- T 191 Standard Method of Test for Density of Soil In-Place by the Sand-Cone Method
- T 230 Determining Degree of Pavement Compaction of Bituminous Aggregate Mixtures

American Society for Testing and Materials (ASTM)

- D 2922 Density of Soil and Soil Aggregate in Place by the Nuclear Method (Shallow Depths)

Mississippi Department of Transportation (MDOT)

Standard Specifications for Road and Bridge Construction, Current Edition.

Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD)

3.0 SUBMITTALS

3.1 Mix Designs: Design mix will be provided by Contractor and approved by Engineer prior to production of asphalt.

4.0 MATERIALS

4.1 Subbase and Base Courses: Subbase and base courses under paved areas shall be as specified in MDOT Specification Section 301.

4.2 Prime Coat: Prime coat shall consist of Grade MC-30 or Grade MS-70 in accordance with the applicable requirements of MDOT Specification Section 702.

4.3 Bituminous Pavement: Bituminous Pavement for roadway and parking areas, wearing and binder courses, shall consist of a mix in accordance with MDOT Specifications Section 403. Materials shall conform to the following subsection of MDOT Specifications Sections 702 and 703.

A. **Hot Mix Asphalt All Sizes:** Mississippi Standard Specifications for Road and Bridge Construction, Latest Edition

B. **Topsoil:** Topsoil shall be in accordance with Technical Specifications – SEEDING AND SODDING.

C. **Seeding and Sodding:** Seeding and sodding operations shall be in accordance with Technical Specifications - SEEDING AND SODDING.

5.0 CONSTRUCTION

5.1 Maintenance of Traffic: Prior to limiting or restricting traffic on any street or road, the Contractor shall obtain permission from the Engineer. Through or local traffic shall at all times be accommodated by the use of temporary approaches, crossings or detours (if allowed by the Engineer). Satisfactory (to the Property Owner) ingress and egress to any public or private property shall be properly maintained. Proper barricades, signs and detour signs shall be provided by the Contractor to adequately warn motorists of obstructions ahead. Lighted (flashing) barricades shall be used at night.

Flagmen shall be provided to direct traffic around equipment and for one way movement of

traffic around equipment and for one way movement of vehicles. The Contractor may have to stop construction and restore full traffic during certain rush hours.

The Contractor shall at all times (unless otherwise permitted in writing by the Engineer) maintain open one lane to traffic during construction operations and restore roadways to two-way traffic during non-construction hours. All traffic shall be maintained in accordance with the MUTCD, current Edition.

5.2 Repair of Asphalt/Concrete Streets/Driveways/Parking Lots:

A. Removal and Earthwork: The existing asphalt pavement shall be uniformly saw cut on straight lines and the material shall be removed. Other methods of cutting the existing asphalt surface which will result in a uniform straightedge similar to a sawed cut may be acceptable. Upon completion of the pipe laying, select backfill shall be placed in the excavation in maximum 8-inch lifts and compacted to at least 90% of maximum laboratory density to within one foot of the top subgrade and to 95% of maximum laboratory density in the upper one foot of the subgrade.

Maximum density of typical select backfill material shall be determined in accordance with AASHTO T 191 or ASTM D 2922. Portable mechanical tampers or vibratory compactors shall be used in the trenches. Rollers may be used at street level. Existing base and asphalt surfaces which become undermined during construction shall be removed until firm undisturbed subgrade is reached.

A. Select Fill: Class 9, Group "C" Modified for a PI of between 5 and 15 as per latest Edition of Mississippi standard specifications for Road and Bridge construction

B. Asphalt Repair: Temporary Asphalt repair shall be made using 3" thickness of 825 crushed stone.

C. Concrete Repair: Concrete repair shall be made using 3,000 psi concrete meeting Technical Specifications - CONCRETE

D. Prime Coat: Prime coat shall be applied to exposed existing base material prior to overlay with asphaltic base course in accordance with MDOT Specification Section 408.

F. Tack Coat: Tack coat shall be applied to existing or new asphaltic wearing course and asphaltic base, or concrete which is to require asphalt wearing course.

G. Asphalt Wearing Course: Placement and compaction of the bituminous pavement shall be in accordance with MDOT Specification Section 403.03.

E. Utilities: All utility covers excavated during removal of streets, driveways, parking lots shall be restored to finished grade.

5.3 Driveways and Sidewalks: Driveways and sidewalks shall be repaired in similar manner to the original construction. Asphalt drives shall be saw cut where required and repaired in accordance with Paragraph (b) of this Specification. Concrete drives shall be saw cut or removed to the next joint. The minimum thickness for concrete driveway repair is 7 inches and for sidewalks is 4 inches.

Concrete surfaces shall be properly tooled and receive a broom finish. Installation (if required) of new driveway drainage culvert shall be made only at the direction of the Engineer. The Contractor shall take all reasonable precautions to allow for reuse of existing drainage culverts.

5.4 Repair to Gravel Roads: Gravel roads shall be backfilled and compacted in accordance with Paragraph (B) of this Specification. The final surface shall consist of 12-inch in-place compacted clay gravel. Compaction shall be to 100% of maximum laboratory density in accordance with AASHTO T99.

5.5 Repair to Lawns:

A. General: The Contractor shall exercise extreme care to minimize damage to improved lawns. Trees and shrubs within the limits of work shall be removed only for essential construction requirements. Any shrubs, which are removed or damaged, shall be replaced by satisfactory (to the Property Owner) planting by the contractor. Any grass seed areas, roads, streets, driveways, culverts, fences, water lines, metal boxes or other items (excluding trees unavoidably cut) which are damaged by the Contractor, shall be satisfactorily restored by Contractor. Acceptance of improved lawn repairs shall be based on the firm establishment of live stand of grasses and live growth of any replanted and acceptable shrubs. The Contractor shall water and fertilize such areas until healthy growth of grass (and shrubs, if applicable) are attained.

B. Grading: The surface areas shall receive finish grading so the finish topsoil surface (after settlement) will meet the existing contour grade of the area prior to construction. The natural drainage during and after construction shall not be altered so as to cause adverse effects to adjoining properties.

C. Topsoil: The Contractor shall strip topsoil and sod and stockpile for later use. Upon completion of trenching over the area. Additional topsoil shall be furnished if required (at no additional cost) to provide a uniform thickness of 3 inches. Lime at a rate of 1 - ½ tons per acre and fertilizer (13-13-13) at a rate of 800 pounds per acre shall be applied as needed to further establish grass growth.

D. Grassing: Grass seed, sprigs, or sod similar to the existing lawn grasses shall be planted in accordance with the supplier's recommendations. Winter cover grasses such as rye grass shall be applied (in addition to planting the permanent grasses) if seeding, sprigging, or sodding is done at a time of year when the permanent grasses will not actively grow. The type (s) of permanent grasses shall be the same as the grass (es) in the damaged lawns. If the lawn repairs are accomplished between September 1 and March 1, the Contractor shall continue the restoration

work during the next period of March 15 and April 5 and mow the grass and continue the restoration until satisfactory growth of the permanent grass (es) is obtained. Such additional restoration work shall include the 1 - ½ tons of lime per acre, application of 13-13-13 fertilizer at a rate of 800 pounds per acre and replanting and watering permanent grass as necessary to obtain satisfactory (to Engineer) growth. No time will be charged against the Contract Time for any such additional restoration work.

Sodding: Sodding shall be in accordance with Technical Specifications: - Seeding and Sodding

5.6 Erosion Control: During all phases of construction, the Contractor shall adequately protect all work from adverse erosion. Soil shall not be allowed to flow off the limits of work area. The Contractor shall employ the use of ditch checks, matting, temporary grass cover, blankets, or other measures to control erosion. The Contractor shall be responsible to correct damage caused by erosion. During the construction of this project, all work areas will be strictly monitored. All trench lines will be kept in excellent condition, all streets and drives will receive careful maintenance, keeping potholes and settled areas filled in. Dust control is essential and will also be strictly monitored.

5.7 General Grassing of Unimproved Areas

A. General: The Contractor shall seed and establish grass growth in all disturbed areas in unimproved areas (to include pastures and roadsides). Acceptance of the grass cover shall be based upon the firm establishment of a live stand of grass. The contractor shall water such grass if natural rainfall fails to adequately provide moisture. On slopes and other areas subject to erosion, grassing shall be accomplished as soon as practical (within 48 hours unless weather is prohibiting) after finish grading operations.

B. Grading: The surface area shall receive finish grading so the finish topsoil surface (after settlement) will meet the existing contour grade of the area prior to construction. The natural drainage during and after construction shall not be altered so as to cause adverse effects to adjoining properties.

C. Topsoil: The Contractor shall remove existing topsoil and stockpile for later use. Upon completion of backfilling (to establish contours as before construction), the topsoil shall be uniformly spread back over the area. The Engineer may require additional topsoil be furnished by the Contractor at no expense to the project, if in the opinion of the Engineer, adequate provisions and efforts were not made by the Contractor to stockpile and re-use existing topsoil material.

D. Fertilizer and Agricultural Limestone: The Contractor shall uniformly apply 800 lbs. per acre of 13-13-13 fertilizer and also apply two (2) tons per acre of agricultural limestone to the area to be seeded. The fertilizer and limestone shall be tilled into the soil to a depth of four (4) inches.

E. Mulch Cover: Erosion prone areas such as steep slopes and highway shoulders shall receive a layer of loose straw mulch or equivalent at the rate of one and one-half (1-1/2) tons per acre. The mulch cover shall be established by the application of an emulsified asphalt or by "crimping" parts of the material into the soil.

5.8 Miscellaneous Items: Items such as fences, gates, paved ditches, and other items shall be replaced or repaired as required for restoration. Should additional fencing material be required, new post and new wire of similar size, type and gauge shall be provided and installed.

5.9 General Care: Reasonable care shall be taken during construction to avoid damage to vegetation. Ornamental shrubbery and tree branches shall be temporarily tied back, where appropriate, to minimize damage. Trees, which do not have to be removed in the opinion of the Engineer, and which receive damage to branches shall be trimmed of those branches to improve the appearance of the tree. Tree trunks receiving damage from equipment shall be treated with a tree dressing.

6.0 TESTING

6.1 General: All sampling and testing shall be accomplished by the testing laboratory approved by the Owner and employed by the Contractor to perform such services. Results shall be immediately forwarded to the Engineer by the Contractor.

6.2 Earthwork: Earthwork directly involved with road and street repair shall be tested as follows:

A. Moisture Density Relationship (Standard Proctors): Two tests of sampled native material shall be required. Tests shall be in accordance with AASHTO T 99.

B. Field Density: A minimum of two and a maximum of four field density tests shall be required. Density tests shall be in accordance with AASHTO T 191 or ASTM D 2922.

C. Topsoil: Two pH tests and two organic content tests (wet combustion method) will be required.

SEEDING AND SODDING

1.0 DESCRIPTION

This item consists of furnishing all labor, supervision, materials, tools, incidentals and equipment and performing all work for topsoiling, tilling, fertilizing, seeding, watering, and otherwise establishing, protecting and maintaining seeded and sodded areas as required by the Contract Drawings and these specifications, and including repair, refertilizing and reseeding as required until final inspection and acceptance of the project.

2.0 SUBMITTALS

Certificates for fertilizer, limestone, seed.

3.0 MATERIAL

3.1 Topsoil: Topsoil shall be the surface layer of soil that is stockpiled by the Contractor during stripping and/or excavation on the site. The topsoil shall be free of subsoil, clay, lumps, stones, brush or seed. Topsoil shall have a pH value of not less than 4.5 nor more than 8.0.

3.2 Lime: Lime shall be ground limestone containing not less than 80% of total carbonates and shall be ground to such fineness that 80% will pass through a No. 10 mesh sieve and 40% will pass through a No. 40 mesh sieve.

3.3 Fertilizer: Fertilizer shall be water soluble commercial carriers of available plant food elements or combinations thereof, as stated herein and shall conform to the applicable state fertilizer laws. They shall be uniform in composition, dry, and free flowing materials in condition for application by suitable equipment. The fertilizer shall be delivered in standard bags or other convenient standard containers, each fully labeled with manufacturer's guaranteed analysis. Any fertilizer shall contain not less than the percentages by weight of the ingredients set out as follows: (1) Nitrogen, 13% (2) Phosphorous P O, 13%, (3) Potash K C, 13%. Invoices for fertilizer will show the kind and have analysis furnished.

3.4 Seed: Seeds with a minimum pure live seed content of 90% shall be used. They shall be of the best grade and of known vitality, purity, and germination and shall be delivered in containers bearing seed tags as required by law showing percentages of germination content and purity of seed as well as percentages of weed seed content.

All seeds shall be free of wild onion, Canadian thistle, Johnson grass, crab grass or other seeds of noxious weeds. All seeds shall be furnished in standard containers, or as acceptable to the Engineer. Seed which has become wet, moldy or otherwise damaged in transit or storage will not be acceptable.

Purity, Germination and Planting Schedule

Spring and Summer Seeding (March 1 to September 1)

<u>Name</u>	<u>Percent Purity</u>	<u>Percent Germination</u>	<u>Mix (Dry Wt. Lbs.) Per Acre</u>
Hulled Bermuda	95	90	20
Pensacola Bahia	95	90	30

TOTAL 50
Fall and Winter Seeding (September 1 to March 1)

<u>Name</u>	<u>Percent Purity</u>	<u>Percent Germination</u>	<u>Mix (Dry Wt. Lbs.) Per Acre</u>
Unhulled Bermuda	95	90	20
Pensacola Bahia	95	90	30
Rye	95	85	15
Crimson Clover	95	85	8

TOTAL 73

Seeding in Existing Lawns: Grass seeds for existing lawns shall be the same as the existing grass.

3.5 Leguminous Inoculants: Inoculation media containing live nitrogen-fixing bacteria shall be supplied with all legume seed. The inoculants shall be standard, pure culture of nitrogen-fixing bacteria. Each kind of legume will require a cultural bacteria that is adapted to that particular kind of seed. The bacteria shall be supplied in convenient containers of a proper size to treat the amount of seed to be planted. The legume seeds shall be treated according to the directions, and before the expiration date for use of the media shown on the container.

3.6 Soil for Repairs: For fills or areas to be repaired, soil shall be topsoil of a least equal quality to that which exists in areas adjacent to the area to be repaired.

3.7 Water: Water shall be free from oil, acid, alkali, salt, and other substances harmful to growth of grass, and shall be from a source accepted prior to use.

3.8 Solid Sod: Bermuda or Carpet Grass and shall be native to the locality of the work and shall, when placed be live, fresh, growing grass with at least two and one-half (2 ½) inches of soil adhering firmly to the roots. The sod shall be reasonably free from obnoxious weeds or other

grasses, and shall not contain any matter deleterious to its growth; or which might affect its subsistence or hardness when transplanted. The sod shall be in blocks at least 3" x 8", and free from ragged edges.

4.0 INSPECTION AND TESTS

4.1 Fertilizer and Limestones: Duplicate copies of material invoices shall be furnished to the Engineer. Invoices shall show quantities and grade of fertilizer, quantity of limestone, percentages of calcium carbonate and magnesium carbonate, as applicable, and the percentages of limestone that pass the No. 40 and the No. 10 mesh sieves. Samples of each lot of fertilizer and limestone shall be furnished for testing. Upon completion of project a final check of total quantities of fertilizer and limestone used will be made against total area treated, and if minimum rates of application have not been met, additional quantities of these materials to make up minimum application specified shall be distributed.

4.2 Seed: Contractor shall furnish to the Engineer duplicate signed copies of statement(s) from vendor(s), certifying that each container of seed delivered is labeled in accordance with Federal Seed Act and is at least equal to requirements specified therein. This certification shall be obtained from vendor and shall be furnished before application.

5.0. PREPARATION OF GROUND SURFACE

5.1 General: Equipment, in good operating condition, shall be used for the proper preparation of the ground and for handling and placing all materials. Equipment shall be acceptable before work is started.

5.2 Topsoiling: Topsoil shall be obtained from job site stockpiles formed during stripping and/or excavation operations and shall be free from subsoil, clay lumps, stones, brush, grasses or weeds, excess acids or alkali, or any other material to subsequent, smooth, grading, planting, and maintenance operations.

The topsoil shall be evenly spread on tilled areas to a uniform depth of at least 3 inches after compaction. Spreading shall be performed so that seeding can proceed with a minimum of soil preparation or tilling. After preplanting fertilization is completed, the topsoil shall be compacted by rolling with a cultipacker or by other approved means.

Rehabilitation of the stockpile areas shall include returning the area to near pre-construction conditions, including seeding of the area to re-establish the growth of grass.

5.3 Grading: Previously established grades shall be maintained on the areas to be treated in a true and even condition; necessary repairs shall be made to previously graded areas by means of graders or other approved equipment.

5.4 Tillage: After the areas required to be treated have been brought to the grades shown, the

soil shall be tilled to a depth of at least 4 inches by plowing, disking, harrowing, or other acceptable operations until the condition of the soil is acceptable. The work shall be performed only during period when beneficial results are likely to be obtained. When drought, excessive moisture, or other unsatisfactory conditions prevail, the work shall be stopped when directed. Undulations or irregularities in the surface shall be leveled before the next specified operation.

6.0 APPLICATION OF FERTILIZER AND LIMESTONE

6.1 Preplanting fertilization of areas to be seeded: Fertilizer shall be distributed uniformly at a rate of 800 pounds per acre over areas to be seeded and shall be mixed into the soil to a depth of at least 4 inches by disking, harrowing, or other acceptable methods. Application of fertilizer may be part of the operation specified in Section 5.4: TILLAGE of this specifications.

6.2 Liming: Immediately following or simultaneously with incorporation of fertilizer, limestone shall be distributed uniformly at a rate of 4000 pounds per acre, and shall be mixed into the soil to a depth of at least 4 inches by disking , harrowing, or other acceptable methods. Application of limestone along with fertilizer may be part of the operation specified in Section 5.4: TILLAGE of this specifications.

6.3 Leveling: Surface irregularities resulting from tillage, fertilizing, liming, or other operations shall be leveled before seeding.

6.4 Postplanting fertilization: From 40 to 60 days after seeding, ammonium nitrate or its nitrogen equivalent shall be applied uniformly at a rate of 225 pounds per acre over areas seeded. Fertilizer shall be applied when grass blades are dry to minimize burning. The planted area shall be watered to thoroughly moisten the upper 6 inches of the soil surface after the fertilizer is applied.

7.0 PLANTING SEED

7.1 General : A satisfactory method of sowing shall be employed, using approved mechanical power-drawn drills or seeders, or other approved methods. When drills are used, markers or other means shall be provided to insure that the successive seeded strips will overlap or be separated by a space no greater than 6 inches. When delays in operations extend the work beyond the most favorable planting season for species designated or when conditions are such by reason of drought, high winds, excessive moisture, or other factors that satisfactory results are not likely to be obtained, work shall be halted as directed and resumed only when conditions are favorable or when approved alternate or corrective measure and procedures have been effected. If inspection during or after seeding operations indicates that strips wider than 6 inches have been left unplanted or other areas skipped, additional seed shall be sown.

7.2 Broadcast Seeding: Seeding shall be broadcast either by hand or with acceptable seeding equipment, in combination with fertilizer, or with other acceptable sowing equipment. Seed shall be distributed uniformly over designated areas. Half of the seed shall be sown with sower moving

at right angles to first sowing. Seed shall be covered to an average depth of 1/4 inches by brush harrow, spiketooth harrow, chain harrow, cultipacker, hand rake with wood tines, or other approved device. Seed shall not be broadcast during windy weather.

7.3 Drill Seeding: Drill seeding shall be accomplished with approved equipment with drills set not more than 6 inches apart. Seed shall be sown uniformly over designated areas to average depth of 1/4 inch.

7.4 Sodding: All solid sod shall be procured areas where the soil is fertile and contains a high percentage of loamy topsoil, and from areas that have been grazed or mowed sufficiently to form a dense turf.

Mechanical devices, such as sod cutter, may be used for cutting the sod into strips or blocks. Care shall be exercised at all times to retain the native soil on the roots of the sod during the process of excavating, hauling and planting.

The solid sod blocks shall be transplanted within 24 hours from the time of cutting, unless they are stacked, to their destination in a manner satisfactory to the Engineer. All solid sod in stacks shall be kept moist and protected from exposure to the air and sun, and from freezing. In no event shall more than two (2) days elapse between the cutting and planting of the solid sod.

Solid sod shall be planted during the period between March 1st and December 15th, unless written permission is given by the Engineer to extend the planting season. The solid sod shall be placed on the prepared surface with the edges in close contact. All cracks between blocks of solid sod shall be closed with small pieces of fresh sod, and all cracks too small for sod shall be filled by a light dressing of topsoil. The entire sodded area shall then be compacted and watered to the satisfaction of the Engineer. Rollers, hand tamps or other approved equipment may be used for compacting.

Surfaces of solid sodding which, in the opinion of the Engineer, may slide due to the height and slope of the surface or nature of the soil, shall, upon direction of the Engineer, be "pegged" with wooden pegs driven through the sod blocks into firm earth, sufficiently close to hold the sod in place.

8.0 MAINTENANCE

Seeded areas shall be maintained until all work or designated portions thereof have been completed and accepted. Tall grass and weeds that tend to impede the desired grass species shall be mowed, and any damage resulting from these operations shall be repaired at the Contractor's expense.

9.0 ESTABLISHMENT OF GROWTH

9.1 General : The Contractor shall be responsible for proper care of seeded areas while grass is becoming established for three (3) months after completion of treatment on the entire project, unless desired cover is established in a shorter period of time and the Owner shortens responsibility period. The Contractor shall be responsible for providing a satisfactory stand of grass. A satisfactory stand of grass is determined as a cover of living grass in which gaps larger than 12 inches square do not occur as determined by an acceptance inspection made at the end of the maintenance period. Maintenance work shall be performed at the Contractor's expense.

9.2 Mowing: Seeded and sodded areas shall be mowed with acceptable mowing equipment to a height of about 4 inches when average height of grass becomes about 8 inches. When amount of cut grass is heavy, grass shall be removed to prevent destruction of underlying turf. If weeds or other undesirable vegetation threatens to impede the growth of planted species, such vegetation shall be mowed, or in case of excessive growth, shall be uprooted, raked and removed from area.

9.3 Refertilizing: The Contractor will determine areas needing refertilization at least 15 days before application is required. Fertilization shall be distributed on designated area during periods when grass is dry. 13-13-13 grade fertilizer shall be applied uniformly at a rate of 800 pounds per acre. Fertilizer conforming to physical condition, packaging and marking as specified herein before shall be provided.

9.4 Reseeding: The Contractor will determine areas requiring reseeding at least 15 days before period specified for reseeding. Seed specified hereinbefore shall be drilled at rates hereinbefore specified, in a manner that will cause minimum disturbance to existing stand of grass, and at an angle of not less than 15 degrees from direction of previously seeded rows.

CONCRETE

1.0 GENERAL

- A. This item shall consist of furnishing all materials, labor, supervision, tools, equipment and incidentals and performing all forms of work; furnishing and placing reinforcement, inserts and anchors; mixing, placing, curbing, and furnishing of portland cement concrete.
- B. The work includes, but is not necessarily limited to manholes, pumping stations, lift stations, driveways, and minor concrete work.

2.0 APPLICABLE DOCUMENTS

The following publications form a part of this Specification and where referred to by basic designation only, are applicable to the extent indicated. The latest editions of the publication referenced shall apply to the work.

A. American Society for Testing and Materials (ASTM):

- A 615 Billet Steel for Concrete Reinforcement
- C 31 Making and Curing Concrete Compressive and Flexural Strength Test Specimens in the Field
- C 33 Concrete Aggregates
- C-39 Compressive Strength of Molded Concrete Cylinders
- C 143 Slump of Portland Cement Concrete
- C 150 Portland Cement

B. Mississippi Department of Transportation (MDOT):

Standard Specifications for Road and Bridge Construction, Latest Edition.

3.0 SUBMITTALS:

The following data shall be submitted to the Engineer for review prior to incorporation into the work:

- A. Letter from the manufacturer certifying the concrete mix conforms to the requirements for Class B concrete as defined in Section 804 of the MDOT Standard Specifications for Road and Bridge Construction.

B. Letter of certificate from the manufacturer certifying that the reinforcing steel conforms to the herein specified requirements.

4.0 MATERIALS:

A. General: The concrete shall be ready-mix concrete manufactured by a plant for delivery to the site of the work in a plastic state. The Contractor may batch the concrete at the work site by use of portable mixers providing the following requirements are met:

1. Facilities shall be provided to properly weight, proportion and control the components of the concrete mix.

2. The mixer(s) shall be of such capacity so as to allow the complete placement of the plastic concrete mix prior to the initial set of any portion of the particular concrete pour.

B. Concrete Mix: The concrete materials and mix design, shall conform to the requirements for Class B concrete Section 804, MDOT Standard Specifications for Road and Bridge Construction. The compressive strength of the concrete shall be a minimum of 3000 psi at 28 days, or earlier. Type I Portland Cement shall be used in the mix, except where otherwise specified or permitted. Prior to producing any concrete for cast-in-place construction on the project, the Contractor shall submit to the Engineer the proposed mix design and shall obtain Engineer's approval of the mix design.

C. Reinforcing Steel - shall be new stock, deformed bars conforming to ASTM A 615, Grade 40 or Grade 60.

D. Curing Material - shall consist of wetted burlap, wetted cotton mats, plastic sheeting, or an approved liquid membrane material which will satisfactorily keep the new concrete in a moist condition for at least seven (7) days.

5.0 CONSTRUCTION:

A. Weather Limitations: Concrete shall be placed when the atmospheric temperature is a Minimum of thirty-five (35) degrees F. and rising. Newly placed concrete shall be protected from cold temperatures for at least four (4) days at a temperature of not less than forty (40) degrees F.

B. Forms: Forms shall be securely anchored in place and properly aligned. Wood forms shall be oiled prior to placement of fresh concrete mix.

C. Reinforcement: Reinforcing bars shall be securely mounted by the use of chairs or other approved methods so as to not become displaced during placement of concrete mix. The positioning of reinforcing by working the bars into the newly placed concrete mix shall not be allowed.

D. Placement: The plastic concrete mix shall be worked (and vibrated if required) into the formwork. The mix shall be consolidated so as to remove all voids and finished to form a true and level surface.

E. Curing: The hardened concrete shall be kept moist by the use of curing materials for a minimum of seven (7) days.

F. Slump Requirements: The following slump requirement shall apply:
Class B Concrete 2-4 Inches

G. Chamfered Corners: All exposed corners shall be chamfered one (1) inch or as indicated.

H. Finish:

1. All surfaces shall be "floated" to provide a uniform and level surface. Defects (honeycombs, ties, etc.) shall be repaired. No rubbing shall be required.

2. Sidewalks, driveways and other surfaces subject to pedestrian traffic shall be floated as noted in paragraph 1 above and shall receive a "broom" finish.

6.0 TESTING

The following test shall be required:

A. Slump: The Contractor shall test the concrete mix for conformance to the slump requirements as required. Test shall be in accordance with ASTM C 143.

B. Compressive Strength: The Contractor shall sample the concrete mix and prepare test cylinders for conformance to the compressive strength requirements. The Contractor shall transport the cylinders to the testing laboratory (employed by the Contractor) and have the cylinders tested in accordance with ASTM C 31 and C 39. The results of such test shall be forwarded to the Engineer. Test shall be performed at the following schedule.

One test per 15 cubic yards or major fraction thereof. A minimum of one test for each day of mixing shall be performed.

DUCTILE IRON WATER SYSTEMS

1.0 GENERAL

This item shall consist of furnishing all of the necessary materials, supervision, labor, tools, equipment and incidentals, and the installation of various types and sizes of water pipe and related items in accordance with the Contract Drawings and Specifications, as stated in the Proposal.

2.0 APPLICABLE PUBLICATIONS

The following publications form a part of these Specifications and where referred to by basic designation only, are applicable to the extent indicated. The latest editions of the publications referenced shall apply to the work.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

- A 139 Electric-Fusion (Arc) welded steel pipe (sizes 4 inch and over).
- A 252 Welded and Seamless steel pipe piles.
- C 31 Making and Curing Concrete Compressive and Flexural Strength Test Specimens in the Field.
- C 33 Concrete Aggregates
- C 39 Test for Compressive Strength of Cylindrical Concrete Specimens.
- D 2922 Density of Soil Aggregate in place by the clear Method (shallow depths).

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

- 21.10 Gray Iron and Ductile Iron Fittings, 3 inch through 48 inch for Water and other Liquids.
- 21.11 Rubber Gasket Joints for Cast Iron and Ductile Iron Pressure Pipe and Fittings.
- 21.50 Ductile Iron Pipe, Centrifugally Cast in Metal Molds or Sand-line Molds, for Water or other Liquids.

AMERICAN WATER WORKS ASSOCIATION (AWWA)

- C 104 Cement-Mortar Lining for Cast Iron Pipe and Fittings for Water and Other Liquids.
- C 106 Cast Iron Pipe Centrifugally Cast in Metal Molds, for water and other Liquids.

C 110 Gray Iron and Ductile Iron Fittings, 3 inch through 48 inch, for Water and Other Liquids.

C 111 Rubber Gasket Joints for Cast Iron and Ductile Iron Pressure Pipe and Fittings.

C 150 Ductile Iron Pipe, Centrifugally Cast in Metal Molds or Sand-Lined Molds, for Water or other Liquids.

AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS (AASHTO)

T-88 Particle Size Analysis of Soils.

T-89 Determining the Liquid Limit of Soils.

T-90 Determining the Plastic Limit and Plasticity Index of Soils.

T-99 Moisture Density Relations of Soils Using a 5.5 lb. Rammer and 12 inch Drop.

T-191 Density of Soil In-Place by the Sand-Cone Method.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Standard Specifications for Road and Bridge Construction, Latest Edition.

3.0 SUBMITTALS

The following submittals shall be required for the respective materials used in the work. All submittals shall be submitted through the Contractor to the Engineer.

3.1 Ductile Iron Pipe: The following submittals shall be required for ductile iron pipe systems utilized on the project. The Contractor shall furnish manufacturer's certificates certifying that the pipe and fittings conform to the requirements as Specified hereinafter under Article 4.0, Materials. In addition, the submittals shall include the following:

A. Joints: The following shall be required for ductile iron joints.

1. Drawings or Manufacturer's Catalogue data indicating dimensions and tolerance.
2. Gaskets shall be tested in accordance with the respective standards as indicated in ANSI 21.11 and results shall be included in the submittals. Test shall be for similar materials on the gaskets and be not more than one year old.
3. Mechanical Joints: Should the Contractor elect to use mechanical joints in lieu of push-on joints, manufacturer's data shall be submitted in accordance with the "Special Requirements for the Mechanical Joint" as stated in ANSI 21.11 (AWWA C 111).

B. Ductile Iron Pipe Submittal Shall Include the Results of:

1. Tension Test
2. Impact Test
3. Low Temperature Impact Test

Sampling procedure shall be as indicated in ANSI 21.51.

4.0 MATERIALS

WATER SYSTEM:

A. Ductile Iron Pipe: Ductile iron pipe shall be designed in accordance with the latest revision of ANSI/AWWA C 151/A21.51), rated working pressure of 350 psi plus a 100 psi surge allowance; a 2 to 1 safety factor on the sum of working pressure plus surge pressure in Type 3 Laying condition with a depth of cover as required per plans.

Pipe shall have standard asphaltic coating on the exterior. Pipe also shall have a cement mortar lining on the interior in accordance with the latest revision of ANSI/AWWA C104/A21.4. If corrosion protection is required, polyethylene encasement shall be installed prior to the pipes installation in accordance with ANSI/AWWA C105/A21.5-88.

All non-restrained pipe shall be furnished with push-on type joints such as "Fastite", or equal. Joints shall be in accordance with the latest revision of ANSI/AWWA C111/A21.11 and shall be furnished complete with all necessary accessories.

Where restrained joint pipe is required, "Fast Grip", "Flex-Ring", or "Field Flex-Ring" or approved equal shall be used. The length of restrained pipe shall be as tabulated or noted on the plans.

Ductile iron fittings shall conform to the latest revisions of either ANSI/AWWA C110/A21.10 or ANSI/AWWA C153/A21.53. Fittings, linings, and coatings shall be as specified for the pipe above.

All pipe, fittings and accessories shall be installed and tested in accordance with the latest revision of AWWA C600. Newly installed ductile iron water mains shall be disinfected in accordance with the latest revision of AWWA C651 prior to placing in service.

B. Gate Valves: Where indicated on the Plans or directed by the ENGINEER, the CONTRACTOR shall furnish and install gate valves as hereinafter specified.

All gate valves shall be cast iron mechanical joint, M.J., Mueller A-2380-20, equivalent or better.

All gate valves shall be furnished with O-ring packing and 2" square operating nut, AWWA 200lb., for cast iron water main.

Valve boxes shall be cast iron top and bottom. Extension pieces shall be provided as required.

All valves will be set at a perfect 90 degree angle from level pipe, (perpendicular) so as to be easily accessible through properly set valve box as per specifications above.

The CONTRACTOR shall furnish and install either a two-piece or three-piece, slip type, cast iron valve box over each gate valve. Valve boxes will be set over valve operating nut, centered so as to be easily accessible with a valve operating wrench or key. They will be set to correspond with the finished grade of street, lot, or easement. No dirt will be left in box; box will not rest directly on valve body.

C. Fittings, Valves and Hydrants, Etc.: All fittings, valves and valve boxes, hydrants, and other appurtenances are to be set at the points indicated on the plans, or as directed by the ENGINEER, and omission to do so shall be corrected by the CONTRACTOR without extra cost to the OWNER.

All fittings shall either be Ductile Iron Compact (ANSI/AWWA C153/A21.53) or Cast Iron (ANSI/AWWA-C110/A21-10) and shall have mechanical joint ends and mechanical joint restraints (Series 1120) and shall be incorporated in the design of the follower gland and shall include a restraining mechanism which, when actuated, imparts multiple wedging action against the pipe, increasing its resistance as the pressure increases. Flexibility of the joint shall be maintained after burial. Glands shall be manufactured of ductile iron conforming to ASTM A 536-80. Restraining devices shall be of ductile iron heat treated to a minimum hardness of 370 BHN. Dimensions of the gland shall be such that it can be used with the standardized mechanical joint bell and tee-head bolts conforming to ANSI/AWWA A21.11 and ANSI/AWWA C153/A21.53 of latest revision. Twist-off nuts shall be used to insure proper actuating of the restraining devices.

The mechanical joint restraint device shall have a working pressure of a least 250 psi with a minimum safety factor of 2:1 and shall be EBAA Iron., MEGALUG or equal.

To improve the sealing capacity, the gaskets for all mechanical joints conforming to the requirements of ANSI/AWWA C110/A/21.10, C111/A21.11, or C153/A21.53 shall be of a design that causes the gasket to deflect approximately 30% during assembly of the mechanical joint. The gasket material shall conform to the requirements of ANSI/AWWA C111/A21.11, Section 1-6.4 of the latest revision. Mechanical joint gaskets shall be EBAA Iron's EBAA Seal-Improved Mechanical Joint Gasket or approved equal.

Fittings (bends, tees, plus, and caps) shall be securely braced by mechanical joint restraints, as indicated on the Plans, to prevent the possibility of blowing off under pressure. And a full length of pipe shall be installed on each end of the fitting. Then cut pieces can be installed beyond the full lengths of pipe.

D. Plugs and Caps: Where indicated on the Plans, or as directed by the ENGINEER, the CONTRACTOR shall install plugs for anticipated future extensions by placing a branch fitting

(tee or cross) in the line and plugging the unused branch or branches. In general, such plugs will be located at street intersections where present plans provided lines running in only two or three directions from the intersections and where, in the opinion of the ENGINEER, a connection may be required for future extension. Where "dead end" lines are installed, the ends of such lines shall be plugged or capped as required.

For the various hot taps required according to the plans, and up to 12 inches, the JCM 432, stainless Tapping Sleeve, or approved equal, shall be required. The CONTRACTOR shall furnish all materials for these various taps.

E. Casing Pipe: Steel pipe utilized as casing at locations shown on the Contract Drawings shall be new round piling pipe conforming to the requirements of ASTM A 252 or A 139. Casing diameter shall be adequate to allow pushing of the specified diameter of water pipe and make proper connections at the ends. Minimum Wall Thickness for steel casing is 0.25 inch.

F. Stabilization Material: Stabilization Material shall be a pit run mixture of sand and gravel. The sand shall be hard, sharp and durable particles. All gravel shall pass a 1" sieve.

G. Wash Gravel Bedding Material: Select Granular material for pipe bedding shall be coarse concrete aggregate. The coarse concrete aggregate shall conform to the gradation sizing Number 467 specified in Table 2 of ASTM Standard Specification C-33. (See Following Table)

H. Meter: Water meter shall be Badger "Radio Read" and all fittings shall be Ford brand consistent with current City Standards.

I. Polyethylene Pipe: Shall be in accordance with AWWA C906, ASTM D3035, PE4710, C200 (DR11), with ductile iron outside diameter (DIOD)

J. Fittings for Polyethylene Pipe: Shall be in accordance with AWWA C906, AWWA D3035, molded and manufactured to comply with ASTM F714. AWWA C906, AWWA M55, ASTM D3261 for butt fusion fittings ANSI Class 150 or as necessary to provide minimum pressure rating.

K. Joints and Jointing Materials

a. Mechanical Joint: DIOD Mechanical joint adapter and gaskets for mechanical joints for joint connections between pipe and metal fittings, valves, and other accessories, AWWA C111/A21.11.

b. Butt Fusion: Jointing is to comply with ASTM D2657, Butt Fusion. No offset in alignment between adjacent pipe joints or fittings is permitted.

SIZE NO. 467

<u>Nominal Size</u> <u>(Sieves w/Square Openings)</u>	<u>Percent Passing by Weight</u>
2"	100
12"	95 - 100
3/4"	35 - 70
3/8"	10 - 30
No. 4	0 - 5

H. Select Backfill: General: The select material shall be composed of a natural or artificial mixture of sand, silt, clay or soil binder or other material of satisfactory cementing value. The sand shall be hard, sharp, and durable particles, preferably siliceous. The binder shall be a grade of clay or other material having satisfactory cementing qualities and shall be homogenous in character, free from vegetable matter, clay balls or other deleterious substances that cannot be classed as serviceable base material.

Gradation: Any coarse aggregate contained in the material shall pass the one and one-half (1-1/2), sieve and not more than thirty-five percent (35%) shall be retained in the Number 10 sieve. The plasticity index (P.I.) shall not exceed 12, nor shall the liquid limit exceed 30.

The composite selected sand-clay material passing the Number 10 sieve shall conform to the following minimum and maximum gradation limits:

<u>Sieve</u>	<u>Percent Passing by Weight</u>
Number 40	40 - 85
Number 60	30 - 70
Number 270	8 - 30
Silt (.05 to .005 mm)	3 - 15
Clay (Passing .005 mm)	3 - 15

I. Backfill: All other backfill shall consist of excavated material removed from the trench.

5.0 CONSTRUCTION:

Earthwork:

A. Site Preparation: Topsoil shall be stripped and stockpiled in accordance with Technical Specifications - Restoration of Roads, Driveways, Fences, Lawns, and other Grassed Areas and Excavation, Trenching and Backfilling.

All vegetation such as brush, heavy sod, heavy growth of grass, decayed vegetative matter, rubbish and any other unsuitable material within the area of trenching shall be stripped or otherwise removed before the trenching is started, and in no case shall such objectionable material be allowed in the trench.

Stripping operation shall be to a depth of not less than 6 inches in all cases.

B. Asphalt or Concrete Removal: Before trenching operations begin, the existing asphalt or concrete pavement shall be scored or cut to a proper depth to give a straight vertical edge when removed. The asphalt or concrete shall be disposed of offsite by the Contractor. While removing the asphalt or concrete in the trench line, never shall the adjacent asphalt be raised or pulled from its base.

C. Trenching: The Contractor shall determine all requirements for trench dimensions, alignment, and grades. The trench shall be excavated in conformance with all federal, state and local regulations for the protection of the workmen. Shoring, sheeting and/or a moveable form shall be used as required to provide earth stability during the laying operations.

The final excavation of the trench for the pipe installation shall be as indicated on the Plans. Minor variations in horizontal (within the permanent easement) or vertical alignment during construction shall be made during construction (with the Engineer's approval) to facilitate ease of installation and operation (due to potential conflicts; i.e., utility conflict) at no additional cost to the Owner except for additional piping, if any. The trench from the top of the pipe down to the bottom of the bedding shall be of a consistent width as indicated on the plans. Should the excavated width of the trench be larger than the design width, the Engineer may direct that a higher type or class of bedding be used; or other adjustments be made to increase the load carrying capacity of the pipe.

The Contractor shall not excavate more trench in advance of pipe laying than is necessary to perform the work efficiently. No more than 100 feet of open trench shall be allowed unless approved by the Engineer.

Excavated material shall be placed in a manner that will not obstruct sidewalks, driveways, or other structures. Excavated material shall not be placed so as to surcharge the walls and jeopardize trench stability.

D. Disposal: The Contractor shall satisfactorily dispose of all excess earth from excavations either in approved (by the Engineer) areas within the construction limits or away from the project in disposal sites obtained by the Contractor.

The Contractor will be permitted to mound excess earth over the trench to a maximum depth of 12 inches above the original ground surface or finished grade where the trench is located in unimproved property. Wasting of excess excavated material will not be permitted within any road ROW. All material within the construction limits shall be placed so that natural drainage is maintained and the surface shall be graded to a smooth and uniform appearance. The disposal of waste and excess excavating materials, including hauling, handling, grading, and surfacing shall be subsidiary obligation of the contractor and no separate payment will be made. Therefore, the cost of such work shall be included in the Contract Unit Price for installation of water pipe.

E. Dewatering: The site shall be kept free of surface water at all times. The Contractor shall

install drainage ditches and dikes and shall perform all pumping and other work necessary to divert or remove rainfall and other accumulations of surface water from the excavations. The diversion and removal of surface water performed in a manner that will prevent the accumulation of water behind temporary structures or at any other locations within the construction area where it may be detrimental. The Contractor shall provide, install, and operate sufficient trenches, sumps, pumps, hoses, piping, well points, deep wells, etc., necessary to depress and maintain the ground water level at least one foot below the base of the excavation during all stages of construction operations. The ground water table shall be lowered in advance of excavation and maintained a minimum of one foot below the lowest excavation subgrade made until the structure has sufficient strength and weight to withstand horizontal and vertical soil and water pressures.

Where groundwater is encountered, the Contractor shall make the effort necessary to secure a dry trench bottom before laying pipe. In sandy and in other suitable type soils, dewatering shall be done by well pointing. If, in the opinion of the Engineer, the Contractor has failed to obtain an absolutely dry trench bottom by insufficient use of all known methods of trench dewatering, the Engineer may order the Contractor to excavate below grade and place not less than 6 inches of graded crushed stone fill material over the trench bottom to form trench drains to suitably located sumps and to remove the water by bailing or pumping. The graded crushed stone fill material shall be placed at the Contractor's own expense and shall be of such depth that there shall be not water in bell holes at the time of coupling pipe. All costs of equipment, labor, and materials required for dewatering shall be included in the bid price.

F. Bedding: The Contractor shall satisfactorily shape the trench area (to specified line, grade and cross section) to receive bedding material. The bottom of the trench shall be undisturbed soil. Should the Contractor over excavate the trench without direction from the Engineer, the trench shall be brought up to grade with select backfill and compacted to at least 90% of maximum laboratory density as measured by AASHTO T 99. Such additional work and materials for over excavation without direction of the Engineer shall be at the expense of the Contractor.

Holes for the bells shall be provided at each joint in the sub-grade or in the granular fill bedding material as required. The holes shall be no larger than necessary for joint assembly and assurance that the pipe barrel will lie flat on the material. The Contractor shall install the proper bedding for the respective type of pipe and depth of installation as shown in the details and schedules on the plans. When depths vary in a particular manhole run, the Contractor shall change bedding systems in accordance with the depth installation requirements.

1. Stabilization Materials: When the sub-grade is found to be unstable or to include ashes, refuse, organic material, or other unsuitable material, the Engineer may direct that the sub-grade be over excavated to remove such material. The depths of over excavation shall be as directed by the Engineer. Stabilization material shall be placed into the over excavated area of the trench and shall be paid for in accordance with these specifications. Stabilization shall be compacted to at least 90% of maximum laboratory density in six inch lifts.

2. Bedding Materials: As detailed in the plans, bedding material shall be placed to the specified depth below the pipe and tamped to a minimum of 90% of maximum laboratory density

as determined in accordance with AASHTO T 99. Following placement of pipe, additional bedding material shall be placed and consolidated under the haunches of the pipe. Special tools shall be required to work the material into place and leave no voids beneath the pipe. The bedding material shall be tamped along the spring line (or along the top of the bedding material as indicated) of the pipe to sufficiently compact the material insofar as practical.

The Engineer may direct additional moisture be added to the bedding material to aid in the compaction effort. Mechanical tampers may be employed to aid the process. Depending on the particular bedding required, additional bedding shall be added and tamped to minimum of 90% of maximum laboratory density, with AASHTO T-99.

3. Select Backfill: Select backfill shall be placed in 6 inch lifts and tamped to a minimum laboratory density with AASHTO T-99. Overall depth of the select backfill shall be as directed by the Engineer.

4. Normal Condition Bedding: Under normal conditions the trench bottom shall be undisturbed earth shaped to the specified line, grad, and cross section with proper bell holes at each joint to insure the pipe barrel lies flat on trench bottom. The bedding material will be selected native materials excavated from the trench and placed in two lifts. The first lift being placed up to the spring line of the pipe and extending out to the trench walls and hand tamped to a minimum of 90% of maximum laboratory density. Special care shall be used in placing and tamping bedding to insure no voids under the haunches of the pipe. The second lift shall extend to approximately 6" above pipe (Material permitting) and hand tamped to 90% density.

5. Backfilling: Upon completion of placement of select material the excavated materials shall be immediately placed back into the trench. Specific requirements are:

a. Backfill requirements for road crossings, parking lots, driveways, and sidewalks shall be in accordance with Technical Specifications - RESTORATION OF ROADS, DRIVEWAYS, FENCES, LAWNS AND OTHER GRASSED AREAS AND EXCAVATION, TRENCHING AND BACKFILLING.

b. Backfill requirements for unimproved areas (pastures, wooded areas) shall consist of placement and shaping of the soil in such a manner as to allow maximum natural consolidation. No compaction of the general backfill in the unimproved areas will be required, except that caused by conventional shaping equipment.

c. No debris shall be used as backfill which has a volume in excess of one-half of one cubic foot or a weight excess of 75 pounds.

6. Sheeting Removal: Wooden sheeting or other thick sheeting or shoring members which have been driven or otherwise placed along the trench walls to an elevation below the spring line of the pipe shall be cut off at the spring line or higher and left in place.

7. Grading and Grassing: Final grading and grassing shall be in accordance with Technical Specifications - RESTORATION OF ROADS, DRIVEWAYS, FENCES, LAWNS, AND

OTHER GRASSED AREAS AND EXCAVATION, TRENCHING AND BACKFILLING.

F. PIPE HANDLING AND STORAGE: Pipe shall be handled, staked, and stored in accordance with manufacturer's printed literature. The Contractor shall provide security as required to prevent damage by vandals. PVC pipe shall be shaded from sunlight for extended lengths of time. Pipe damaged during storage and handling shall be rejected.

G. PIPE LAYING: Each pipe shall be laid true to line and grade and in such manner as to form a close concentric joint with the adjoining pipe and to prevent sudden offsets of the flow line. As the work progresses, the interior of the water shall be cleared of all dirt and superfluous materials of every description. Where cleaning after laying is difficult because of small pipe size, a suitable swab or drag shall be kept in the pipe and pulled forward past each joint immediately after the jointing has been completed. Trenches shall be kept free of water and pipe shall not be laid when the condition of the trench or the weather is unsuitable for such work. At times when work is not in progress, open ends of pipe and fittings shall be securely and satisfactorily closed so that no trench water earth, or other substance will enter the pipe or fittings. The minimum depth of water mains shall be 30 inches below finished grade to the top of the water main.

Pipe laying shall be performed in such a manner that no foreign material enters the pipe. The Engineer may require that before lowering pipe, heavy canvas bags be placed over each end, and left in place until joints are ready to be made. If water is in the trench, the seals shall remain in place until the trench is pumped completely dry. If conditions are unsuitable, no pipe shall be laid until satisfactory laying conditions are obtained in accordance with the above specified requirements.

H. PIPE JOINTING: Piping shall be jointed in accordance with the manufacturer's printed recommendations. Gaskets shall be firmly set within the bells and grooves as required. The manufacturer's recommended lubricant or an approved equal shall be applied for slip type joints.

Ductile Iron Pipe Joint Construction: The installation and jointing of ductile iron pipe shall generally conform to the applicable provisions of AWWA Standard Specifications C-600 for pipe laying.

Where mechanical joint pipe is used, the surfaces which come in contact with the gasket shall be thoroughly brushed with a wire brush just prior to assembly. The gasket should be brushed with soapy water prior to installation to remove loose dirt and to lubricate gasket as it is forced into its retaining space. When tightening bolts, it is essential that the gland be brought up toward the pipe flange evenly. The bolts should be partially tightened; the bottom bolt first, then the top; next the bolts on either side; and last, the remaining bolts. Overstressing of bolts to compensate for poor installation will not be permitted. Bolt torque shall be in accordance with manufacturer's specifications.

All joints of whatever type shall be completely water tight after being subjected to the required tests.

I. BORINGS: Borings shall be accomplished in accordance with Mississippi Department of Transportation Standards. The contractor shall provide all necessary sheeting, bracing, cribbing, supports and appurtenances to insure the proper line and grade throughout the entire length of the crossing.

1. Casing Pipe: Casing Pipe shall be installed as indicated on the Contract Drawings. Joints shall be completely welded to provide structural integrity and shall be watertight.

2. Carrier Pipe: Carrier pipe may be any of the allowed options of piping. However, the piping and joints shall be capable of withstanding the stress exerted by pushing the pipe within the casing.

3. Carrier Pipe Supports: Supports for the carrier pipe shall be as recommended by the manufacturer for such installation. Supports shall be spaced to adequately support the piping under all conditions.

4. Casing Seal: The annulus between the casing and carrier pipe shall be sealed at each end by installing WMSON Type U end seals, as manufactured by T.D. Williamson, Inc. Tulsa, Oklahoma, or equal, in accordance with the instructions of the manufacturer of the seals.

J. Separation of Water and Sewer Mains:

1. Water mains shall be laid at least 10 feet horizontally and 18 inches vertically from any sanitary sewer or manhole. The bottom of the water line shall be a minimum of 18 inches from the top of the sewer line.

K. INCIDENTAL CONCRETE:

1. GENERAL: The following specifications shall apply to any and all items of incidental work with Portland Cement with or without reinforcement, including such items as concrete piers to support cast iron pipe above ground, erosion control bulkheads or structures, cradles and encasement, blocking and the like.

All concrete used in the construction of this project shall comply with the requirements herein specified for its particular class and kind.

2. MATERIALS: All materials used in this work shall consist of (a) Portland Cement, (b) Sand, (c) Gravel, and (d) Clean Water.

(a) The cement used shall be domestic manufacture, either "Standard" or "high Early Strength" Portland Cement, which shall meet all the requirements of the current A.S.T.M. Specifications for the type used at the time it is incorporated in the work.

(b) The fine aggregate shall consist of clean, sharp sand, well graded from coarse to fine, consisting of hard, durable particles, free from coarse to fine, consisting of hard, durable particles, free from silt, salt or organic matter. It shall meet all the requirements of the ASTM

Specifications C33, Paragraph 1, 2 and 3, and ASTM C-40.

(c) The coarse aggregate used shall consist of clean washed gravel, free from particles of wood or lumps of clay. Not more than 10% shall pass the No. 4 sieve, and it shall conform with the requirements of ASTM Specifications C33, Paragraph 5 to 8 inclusive.

(d) The water used for mixing concrete shall be clear, free from oil, salt, strong acid, alkali organic matter, and shall be approved by the Engineer.

(e) Reinforcing steel shall conform to the requirements of the "Standard Specifications for Billet-Steel Concrete Reinforcing Bars" of intermediate grade (Serial Designation: A 15-39) or the Standard Specifications for Rail-Steel Concrete Reinforcement Bars (Serial Designation; A-16-35) of the American Society for Testing Materials.

3. CONSTRUCTION METHODS:

All concrete materials shall be as handled and stored that they will not become damaged after delivery at the site. The cement shall be thoroughly protected from the weather, and the sand and gravel, shall be so stored that they will not become intermixed, and so as to prevent the admixture with either of any foreign materials. Reinforcing steel shall be so stored that it will not come in contact with the ground, shall be protected from the weather, and shall be clean and free from rust when incorporated in the work.

Concrete materials shall be mixed in the proportions and in a manner that will produce concrete of the class and strength specified to its use.

Unless indicated otherwise, all concrete shall be Class A which shall have a crushing strength of not less than 3,000 pounds per square inch at 28 days, as determined by the Standard Methods for testing concrete materials.

Class B concrete, which shall have a crushing strength of not less than 2,500 pounds per square inch at 28 days, and shall be used for erosion control bulkheads and blocking pipelines at bends to prevent blowing off under pressure.

Class C concrete, which shall have a crushing strength of not less than 2,000 pounds per square inch at 28 days, shall be used for cradles and encasement and may be used for backfill below grade.

After concrete has been properly mixed, it shall be deposited in the forms in reasonably uniform layers and in such manner as to prevent segregation of the aggregates. It shall be thoroughly spaded or puddled while being placed to insure maximum density and prevent honey-combing.

No concrete shall be deposited when the air temperature is less than 40 degrees F. No material shall be deposited on a frozen sub-grade, nor shall any frozen moisture or material be incorporated into the mixture.

No concrete shall be placed in water, nor shall water be permitted to rise on it or to run over it within a period of 24 hours after it has been placed.

Unsatisfactory concrete, resulting from failure to observe the above requirements or otherwise, shall be removed and replaced as directed by the Engineer.

4. COMPENSATION:

Payment for all concrete, except as may be elsewhere herein provided, shall be included in the prices bid for the construction units with which it is placed and no separate or extra compensation will be allowed directly therefore.

6.0 TESTING

DUCTILE IRON PIPE:

A. Field Inspection: The Engineer shall perform visual inspection of the material prior to placement by the Contractor. The Engineer may make non-destructive tests to determine the soundness of the pipe. The Contractor shall assist the Engineer in handling and moving the pipe as required.

B. Material Test: Material test shall be conducted during the manufacturing process and the results shall be included as part of the submittals. No other material test shall be required.

STEEL CASING PIPE: Material test shall be included as part of the submittal. No other material test shall be required.

COMPACTION TESTS: Compaction tests shall be performed in accordance with AASHTO T191 and ASTM D 2922. Maximum compaction shall be determined in accordance with AASHTO T99.

CONTRACTOR shall establish a compaction method or pattern which results in the proper density for the material utilized in the backfill operation. CONTRACTOR shall verify the compaction method by testing each lift for density in the first run of pipe to be laid. Upon satisfactory performance and approval of the ENGINEER the established compaction method shall be used for compaction of each lift of similar material.

The CONTRACTOR shall provide additional density testing to verify the compaction effort; twice in random locations as selected by the ENGINEER every 1,500 linear feet of pipe, if there is a change in material, or if in the sole opinion of the ENGINEER the compaction effort is not yielding the proper results.

(Number of Compaction Tests)

AASHTO T-99 Select Backfill Material OR Stabilization Material	AASHTO T-191 or ASTM D 2922	
	1	One per 100 CY
Bedding Material	2	One per 600 LF
Tamped Backfill	2	One per 600 LF

HYDROSTATIC TESTING:

The completed system shall be tested as herein stated. The pipe shall be filled with water and all air exhausted. Each section shall be tested under a hydrostatic pressure of 150 pounds per square inch and shall not show leakage exceeding 10 gallons per inch of diameter per mile of pipe per 24 hours when so tested. Whatever shall be measured into a container and refilled to the pre-test level. The pressure shall be maintained for 4 hours by pumping as necessary, and if the pipe has been backfilled, a 24-hour test is required.

All visible leaks at exposed joints and all leaks evident on the surface where joints are covered shall be repaired, and leakage eliminated, regardless of total leakage shown by the tests. Lines which fail to meet tests shall be removed, if necessary, or repaired and retested until compliance with these test requirements is affected.

These tests are to be made at the Contractor's expense, and he is to provide all necessary fittings, equipment, appliances, and any other necessary items to conduct the tests in a manner satisfactory to the Engineer. All costs incidental to conducting these tests are to be included in the prices bid for the various items of construction as no separate or extra compensation is to be allowed therefore.

CLEANING AND DISINFECTION:

Before each section of work is placed in service, it shall be thoroughly flushed to remove any dirt or other foreign material from inside the lines; and the inside of the lines shall be disinfected by pumping into and through them as solution of chlorine of 50mg/l for 24 hours in such manner as to meet the requirements of the State Board of Health.

At least two (2) samples of chlorine free water, taken from each section shall be submitted to the State Board of Health for examination to determine if the system is free from organisms of the

Coli-Aerogenes group. If such samples are not negative from organisms of the Coli-Aerogenes group, the system shall be disinfected and re-disinfected in a manner meeting the requirements of the State Board of Health, until the system is freed of contamination.

All water mains will be flushed, chlorinated and re-chlorinated until two (2) consecutive negative water samples are obtained by the Local Health Department or a representative of the water systems certified as an operator by the Mississippi Department of Health.

The CONTRACTOR shall be responsible for the conduct of all of the above defined activities, and any and all costs incident thereto shall be included in the prices bid for the various items of construction as no separate or extra compensation is to be allowed therefore.

EXISTING DRINKING WATER FACILITIES

The Contractor is required to keep existing drinking water facilities in operation during construction. Should the Contractor require that existing facilities be taken out of operation, a plan to provide for alternative service shall be reviewed and approved in advance by the Health Department and shall be adhered to during construction.

FIRE HYDRANT

1.0 General

Fire hydrants shall comply in all respects with AWWA Standard C-502, latest revision, and shall be M & H or approved equal. Fire hydrants shall be of the compression type with the main valve opening against the pressure and closing with the pressure. The main valve opening shall be 4-1/2", 5-1/4", or 6-1/4" in diameter. Fire hydrant shall be of a dry barrel, dry top design. The main valve on the hydrant shall remain closed should the hydrant nozzle section be broken off by a traffic accident. The nozzle section shall consist of two (2) hose nozzles and one (1) pumper nozzle or other, as specified.

2.0 Rating

Fire hydrants shall be rated at 150 psi water working pressure, tested at 300 pounds hydrostatic for structural soundness in the following manner: 300 pounds hydrostatic test supplied from the inlet side, first with the main valve closed for the testing of the valve seat; second, with the main valve open for testing of the drain valves and the hydrant barrel. Testing is to be completed in accordance with AWWA C-502.

3.0 End Configurations

Hydrants shall be connected to the main by a 4", 6", or 8" mechanical joint, flange shoe, A.C., or hub shoe. Mechanical joint shoes, A.C., and hub shoes shall be fitted with strapping lugs.

4.0 Design

- 4.1 The main valve seat of the hydrant shall be made of rubber and be supported by a one-piece bronze top plate and drain valve mechanism and bottom plate. The bottom stem threads of the main valve rod shall be fitted with a cast iron cap nut (epoxy coated, optional) suitable for sealing the threads from the water. Drain valves shall be faced with rubber.
- 4.2 Changes in size or shape of the waterway shall be accomplished by means of easy curves. Exclusive of the main valve opening, the net area of the waterway of the barrel and the foot piece at the smallest part shall not be less than one hundred twenty percent (120%) of that of the net opening of the main valve.
- 4.3 Hose and steamer nozzles shall be threaded and screwed into the nozzle section and then pinned to prevent turning.
- 4.4 The hydrant shall be so designed that when it is in place, no excavation will be required to remove the main valve and moveable parts of the drain valve. Further, the hydrants shall be of the type that can be extended without excavating. Hydrants shall be so designed that, in the event of accident or breaking of the hydrant above or near grade level, the main valve will remain closed. The main

valve rod shall be made in two parts and fitted with breakable feature at the ground line flange.

- 4.5** The ground line connection between nozzle section and the barrel shall incorporate the use of eight (8) breakable bolts. This connection shall be so designed that the nozzle section can be rotated in increments of forty-five (45) degrees. The ground line connection between the barrel and nozzle section shall be gasketed to provide a seal.
- 4.6** The operating threads of the hydrant shall be so designed as to avoid the working of any iron or steel parts against either iron or steel. The operating stem and operating nut threads shall be square or acme type.
- 4.7** The operating thread shall be grease lubricated at the factory. Access shall be provided to field lubricate the operating mechanism.
- 4.8** The operating thread shall be sealed from water at all items when the valve is either in the opened or closed position. The operating rod shall be bronze sheathed where it passes through the double “O” ring seal plate.
- 4.9** The bonnet shall be weather proof.
- 4.10** The operating nut shall be of bronze and a self-lubricating, anti-friction thrust bearing shall be provided to reduce operating torque.
- 4.11** Hydrants shall be of the dry type and hydrant shoe shall have two positive acting non-corrodible drain valves that shall drain the hydrant completely by opening when the main valve is closed and close tightly in accordance with AWWA C-500 requirements when the valve is open. The main valve assembly shall be seated in the hydrant (with a bronze-to-bronze interface as an option) to facilitate removal of the main valve should maintenance be required. The nozzle section shall consist of two 2” hose nozzles to the specified thread designation (NST or other, as specified) and one pumper nozzle 4-1/2” in diameter to the specified thread designation (NST or other, as specified) or other combination of nozzle outlets including independent hose gate valves as specified.
- 4.12** Two “O” ring seals shall be utilized where the main hydrant rod passes through the seal plate.
- 4.13** Hydrant standpipe shall be ductile or cast iron and single piece for all bury depths.
- 4.14** All like parts of hydrants of the same size and model produced by the same manufacturer shall be interchangeable.
- 4.15** Hydrant shall open by turning to the left.

- 4.16** Threads or hose and streamer nozzles shall be national standard unless otherwise specified.
- 4.17** Auxiliary shut-off (isolation) gate valves, when required, shall be of the same manufacture as the hydrant.
- 4.18** The inside of all hydrants shall be coated in accordance with AWWA standards and federal specification TT-C-494A or equal except for bronze and machined surfaces. Exterior of hydrant shall be painted fire hydrant yellow (or as specified). (The wetted surface of the hydrant shoe shall be epoxy coated to prevent corrosion of the waterway, optional.)

5.0 **Markings**

Hydrant shall be marked with the name of the manufacturer, size of valve opening, and the year of manufacture, all in accordance with AWWA C-502.

Sewer/Water Utility – Trace Wire Specification

1.0 General

All trace wire shall have HDPE insulation intended for direct bury, color coated per APWA standard for the specific utility being marked. THHN is prohibited from use in the tracer wire system.

All trace wire, test stations and accessories shall be supplied by a single manufacturer and domestically made in the USA.

All tracer wire and accessories shall be installed per plan details and per manufacturers recommended installation methods. All wire and connectors shall be rated for direct bury applications.

2.0 Materials

Copper Clad Steel (CCS) Trace Wire

Open Trench – 12 Gauge Copper Clad Steel with a Break Load of 452 pounds

Directional Drilling - 12 Gauge Copper Clad Steel with a Break Load of 1,150 pounds

Connectors

2-Way Splice Connector with Strain Relief

3-Way Connector

Termination/Access/Test Stations

Non-Roadway: Equal to Copperhead LD14TP

Concrete / Driveway: Equal to Copperhead CD14TP

Roadway: Equal to Copperhead RB14TP

Fire Hydrant: Equal to Copperhead T2-FLPKG

Grounding

Magnesium Anode: Equal to Copperhead ANO-12

3.0 Testing

All new trace wire installations shall be located using typical low frequency (512Hz) line tracing equipment, witnessed by the contractor, engineer and facility owner as applicable, prior to acceptance of ownership.

This verification shall be performed upon completion of rough grading and again prior to final acceptance of the project. Continuity testing in lieu of actual line tracing shall not be accepted.

4.0 Connectors

All mainline trace wires must be interconnected in intersections, at mainline tees and mainline crosses. At tees, the three wires shall be joined using a single 3-way lockable connector.

Connectors shall be dielectric silicon filled to seal out moisture and corrosion, and shall be installed in a manner so as to prevent any uninsulated wire exposure.

Non-locking friction fit, twist on or taped connectors are prohibited.

5.0 Termination/Access/Test Stations

All trace wire termination points must utilize an approved tracer wire access box, specifically manufactured for this purpose or as detailed on the plans

All grade level/in-ground access boxes shall be appropriately identified with “sewer” or “water” cast into the cap and be color coded (blue – water / green – sewer).

Test stations at dead ends shall be two-terminal.

Test stations in between dead ends shall be single terminal.

A minimum of 2 ft. of excess/slack wire is required in all trace wire access boxes after meeting final elevation.

Grounding anode wire shall be connected to the identified (or bottom) terminal on all access boxes.

Hydrants – Trace wire must terminate at an approved above-ground trace wire access box, properly affixed to the hydrant grade flange.

6.0 Grounding

Trace wire must be properly grounded at all dead ends/stubs.

Grounding of trace wire shall be achieved by use of a drive-in magnesium grounding anode rod with a minimum of 20ft of #12 red HDPE insulated copper clad steel wire connected to anode specifically manufactured for this purpose, and buried at the same elevation as the utility. Where the anode wire will be connected to a trace wire access box, a minimum of 2 ft. of excess/slack wire is required after meeting final elevation.

7.0 Sanitary Sewer System

A mainline trace wire must be installed, with all service lateral trace wires properly connected to the mainline trace wire, to ensure full tracing/locating capabilities from a single connection point.

Lay mainline trace wire continuously, by-passing around the outside of manholes/structures on the North or East side.

Trace wire on all sanitary service laterals must terminate at the cleanout and located directly above the service lateral at the edge of road right of way as detailed in the plans.

8.0 Water System

A mainline trace wire must be installed, with all service lateral trace wires properly connected to the mainline trace wire, to ensure full tracing/locating capabilities from a single connection point.

Lay mainline trace wire continuously, by-passing around the outside of valves and fittings on the North or East side.

Trace wire on all water service laterals must terminate at an approved trace wire access box color coded blue and located directly above the service lateral at the edge of road right of way.

Above-ground tracer wire access boxes will be installed on all fire hydrants.

All conductive and non-conductive service lines shall include tracer wire.

9.0 Installation

Trace wire systems must be installed as a single continuous wire, except where using approved connectors. No looping or coiling of wire is allowed.

Trace wire shall be installed at the bottom half of the pipe and secured (taped/tied) at 5' intervals.

Trace wire on all service laterals/stubs must terminate directly above the utility, at the edge of the road right-of-way, but out of the roadway.

At all mainline dead-ends, trace wire shall go to ground using an approved connection to a drive-in magnesium grounding anode rod, buried at the same depth as the trace wire.

Mainline trace wire shall not be connected to existing conductive pipes. Treat as a mainline dead-end, ground using an approved waterproof connection to a grounding anode buried at the same depth as the trace wire.

All service lateral trace wires shall be a single wire, connected to the mainline trace wire using a mainline to lateral 3-way connector, installed without cutting/splicing the mainline trace wire.

In occurrences where an existing trace wire is encountered on an existing utility that is being extended or tied into, the new trace wire and existing trace wire shall be connected using approved splice connectors, and shall be properly grounded at the splice location as specified.

Trace wire on all water service laterals must terminate at an approved trace wire access box color coded blue and located directly above the service lateral at the edge of road right of way.

Above-ground tracer wire access boxes will be installed on all fire hydrants.

All conductive and non-conductive service lines shall include tracer wire.



City of Hattiesburg, MS

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

Master

File Number: 2018-380

File ID: 2018-380

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 04/09/2018

Brief Title: Acknowledge bids received April 5, 2018, and Accept bid from Myers Underground Utilities for the North 40, North 39th and Mable Street project.

Final Action:

Minute Book Number: MB2018-108

Title:

Acknowledge receipt of bids received on April 5, 2018 for the Infrastructure Improvements along North 40th, North 39th and Mable Street and accept the bid from Myers Underground Utilities in the amount of \$797,010.70 as the lowest and best bid; Authorize Mayor to execute contracts upon preparation.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: VI.-6

Sponsors:

Enactment Date:

Attachments: Certified Bid Tab, 11254_Plans_Street Ready Set_Signed_2018-02-05, 11254_Specs_Review Set_98p_2018_02_09

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Version:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018					

Text of Legislative File 2018-380

Title

Acknowledge receipt of bids received on April 5, 2018 for the Infrastructure Improvements along North 40th, North 39th and Mable Street and accept the bid from Myers Underground Utilities in the amount of \$797,010.70 as the lowest and best bid; Authorize Mayor to execute contracts upon preparation.

Summary

Acknowledge bids received April 5, 2018, and Accept bid from Myers Underground Utilities for the North 40, North 39th and Mable Street project.

Budget Information

075695.7245.12

Expenditure Type

Regular Budget

Purchasing Item

Sealed Bid



Engineering Progress

April 6, 2018

City of Hattiesburg
Post Office Box 1898
Hattiesburg MS 39403-1898

Attn: Lamar Rutland, P.E.

RE: Infrastructure Improvements along North 40th, North 39th Avenue and
Mable Street
City of Hattiesburg

Dear Mr. Rutland:

I have certified the enclosed bid tabulation that represents all bids that were received and opened at 10:00 a.m. on April 5, 2018 for the above referenced project.

I am recommending Myers Underground Utilities of Hattiesburg, MS in the bid amount of Seven Hundred Ninety-Seven Thousand, Ten Dollars and Seventy Cents (\$797,010.70).

Enclosed is a copy of the original bid from Myers Underground Utilities and the original bids from all other bidders.

Should you have any questions and/or comments, please, do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Kyle D. Wallace", is written over the word "Sincerely,".

Kyle D. Wallace, P.E.
Project Engineer

/aa
Enclosures

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

BID TAB		April 5, 2018	Myers Underground Utilities	Grady Crawford Co. Inc.	C.B. Developers, Inc.
Project:	Infrastructure Improvements Along N. 40th, N. 39th and Mable Street		408 Ryan Road Hattiesburg, MS 39401	P.O. Box 967 Baton Rouge, LA 70821	1716 Evelyn Gandy Pkwy, Suite 40 Hattiesburg, MS 39401
Project No.	11254				

BASE BID										
Item No.	Item Description	Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
	Sewer Pipe Items									
1	8" SDR 26 PVC Sewer Pipe (0'- 6')	157	LF	\$41.00	\$6,437.00	\$35.86	\$5,630.02	\$52.00	\$8,164.00	
2	8" SDR 26 PVC Sewer Pipe (6'- 8')	614	LF	\$43.50	\$26,709.00	\$42.00	\$25,788.00	\$55.00	\$33,770.00	
3	8" SDR 26 PVC Sewer Pipe (8'- 10')	500	LF	\$47.20	\$23,600.00	\$46.00	\$23,000.00	\$57.00	\$28,500.00	
4	8" SDR 26 PVC Sewer Pipe (10'- 12')	405	LF	\$59.40	\$24,057.00	\$60.59	\$24,538.95	\$65.00	\$26,325.00	
5	8" SDR 26 PVC Sewer Pipe (12'- 14')	102	LF	\$68.00	\$6,936.00	\$73.00	\$7,446.00	\$70.00	\$7,140.00	
6	8" SDR 26 PVC Sewer Pipe (14'- 16')	70	LF	\$76.50	\$5,355.00	\$100.27	\$7,018.90	\$73.00	\$5,110.00	
7	8" SDR 26 PVC Sewer Pipe (16'- 18')	97	LF	\$85.00	\$8,245.00	\$115.11	\$11,165.67	\$83.00	\$8,051.00	
8	8" SDR 26 PVC Sewer Pipe (18'- 20')	167	LF	\$94.80	\$15,831.60	\$135.89	\$22,693.63	\$105.00	\$17,535.00	
9	8" SDR 26 PVC Sewer Pipe (20'- 22')	179	LF	\$103.25	\$18,481.75	\$322.86	\$57,791.94	\$117.00	\$20,943.00	
10	Removal of Existing Sewer Line	2,107	LF	\$3.00	\$6,321.00	\$7.50	\$15,802.50	\$5.00	\$10,535.00	
11	Abandonment of Existing Sewer Line (All Sizes)	453	LF	\$6.70	\$3,035.10	\$6.50	\$2,944.50	\$7.00	\$3,171.00	
12	Tracer Wire System for Sewer	1	LS	\$2,930.00	\$2,930.00	\$687.30	\$687.30	\$5,799.00	\$5,799.00	
	Sewer Manhole Items									
13	48" Precast Concrete Sewer Manhole (0' - 6')	2	EA	\$2,300.00	\$4,600.00	\$2,450.00	\$4,900.00	\$3,082.00	\$6,164.00	
14	48" Precast Concrete Sewer Manhole (6' - 8')	2	EA	\$2,650.00	\$5,300.00	\$2,900.00	\$5,800.00	\$3,299.00	\$6,598.00	
15	48" Precast Concrete Sewer Manhole (8' - 10')	2	EA	\$2,975.00	\$5,950.00	\$3,675.00	\$7,350.00	\$3,509.00	\$7,018.00	
16	48" Precast Concrete Sewer Manhole (10' - 12')	4	EA	\$3,525.00	\$14,100.00	\$5,440.00	\$21,760.00	\$4,071.00	\$16,284.00	
17	48" Precast Concrete Sewer Manhole (12' - 14')	3	EA	\$4,000.00	\$12,000.00	\$7,225.00	\$21,675.00	\$4,654.00	\$13,962.00	
18	48" Precast Concrete Sewer Manhole (20' - 22')	1	EA	\$7,100.00	\$7,100.00	\$15,750.00	\$15,750.00	\$7,661.00	\$7,661.00	

BID TAB		April 5, 2018	Myers Underground Utilities	Grady Crawford Co. Inc.	C.B. Developers, Inc.
Project:	Infrastructure Improvements Along N. 40th, N. 39th and Mable Street		408 Ryan Road Hattiesburg, MS 39401	P.O. Box 967 Baton Rouge, LA 70821	1716 Evelyn Gandy Pkwy, Suite 40 Hattiesburg, MS 39401
Project No.	11254				

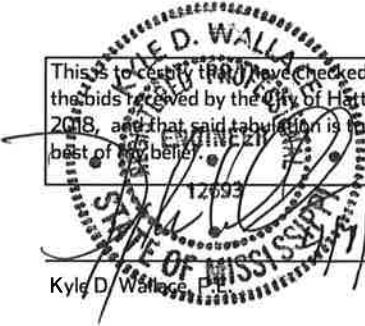
BASE BID											
19	Demolition and Removal of Existing Manholes (All Types)	8	EA	\$765.00	\$6,120.00	\$750.00	\$6,000.00	\$609.00	\$4,872.00		
20	Abandonment of Existing Manhole	2	EA	\$915.00	\$1,830.00	\$400.00	\$800.00	\$943.00	\$1,886.00		
21	Drop Manhole Assembly (All Depths)	1	EA	\$740.00	\$740.00	\$2,500.00	\$2,500.00	\$2,689.00	\$2,689.00		
	Sewer Service Items										
22	4" Sanitary Sewer Service Cleanout	30	EA	\$450.00	\$13,500.00	\$365.00	\$10,950.00	\$639.00	\$19,170.00		
23	4" SDR 26 PVC Pipe Sanitary Sewer Service (Incl Fittings)	120	LF	\$16.20	\$1,944.00	\$35.00	\$4,200.00	\$22.00	\$2,640.00		
24	6" SDR 26 PVC Pipe Sanitary Sewer Service (Incl Fittings)	818	LF	\$18.00	\$14,724.00	\$35.00	\$28,630.00	\$27.00	\$22,086.00		
25	8"x8"x6" PVC Service Tee	32	EA	\$210.00	\$6,720.00	\$145.00	\$4,640.00	\$284.00	\$9,088.00		
	Water Pipe Items										
26	2" & Under 150 PSI PVC Water Pipe for Connections (Open Cut)	40	Lin. Ft.	\$7.00	\$280.00	\$20.00	\$800.00	\$20.00	\$800.00		
27	6" Class 350 Ductile Iron Water Pipe (Open Cut)	1,570	Lin. Ft.	\$27.20	\$42,704.00	\$24.50	\$38,465.00	\$29.00	\$45,530.00		
28	Tracer Wire System for Water	1	LS	\$4,335.00	\$4,335.00	\$471.00	\$471.00	\$6,256.00	\$6,256.00		
	Water Connection Items										
29	Cut and Cap Existing Water Line in Place	4	Each	\$855.00	\$3,420.00	\$400.00	\$1,600.00	\$1,156.00	\$4,624.00		
30	Connection: Proposed 6" to Existing 6" (Straight - Coupling)	4	Each	\$820.00	\$3,280.00	\$785.00	\$3,140.00	\$1,255.00	\$5,020.00		
31	Connection: Proposed 6" to Proposed 6" (Tee & other fittings)	2	Each	\$1,630.00	\$3,260.00	\$1,266.00	\$2,532.00	\$945.00	\$1,890.00		
32	Connection: Proposed 6" to Existing 8" (Hot Tap w/ Valve Assembly)	4	Each	\$1,930.00	\$7,720.00	\$3,500.00	\$14,000.00	\$3,806.00	\$15,224.00		
33	Connection: Proposed 6" to Existing 8" (Tee * other fittings)	1	Each	\$2,000.00	\$2,000.00	\$1,400.00	\$1,400.00	\$2,230.00	\$2,230.00		
	Water Valve Items										
34	6" Gate Valve	8	Each	\$785.00	\$6,280.00	\$1,880.00	\$15,040.00	\$874.00	\$6,992.00		
	Water Fire Protection Items										
35	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	3	Each	\$3,400.00	\$10,200.00	\$3,925.00	\$11,775.00	\$3,595.00	\$10,785.00		

BID TAB		April 5, 2018	Myers Underground Utilities	Grady Crawford Co. Inc.	C.B. Developers, Inc.
Project:	Infrastructure Improvements Along N. 40th, N. 39th and Mable Street		408 Ryan Road Hattiesburg, MS 39401	P.O. Box 967 Baton Rouge, LA 70821	1716 Evelyn Gandy Pkwy, Suite 40 Hattiesburg, MS 39401
Project No.	11254				

BASE BID											
	Water Service Items										
36	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	28	Each	\$295.00	\$8,260.00	\$450.00	\$12,600.00	\$351.00	\$9,828.00		
37	Commercial Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	10	Each	\$960.00	\$9,600.00	\$550.00	\$5,500.00	\$661.00	\$6,610.00		
38	Service Tubing (Open Cut) (All Sizes)	645	LF	\$4.25	\$2,741.25	\$20.00	\$12,900.00	\$9.00	\$5,805.00		
	Miscellaneous Construction Items										
39	Crushed Aggregate (Size 610)	1,480	Ton	\$58.00	\$85,840.00	\$50.00	\$74,000.00	\$51.00	\$75,480.00		
40	Select Fill Material (Class 9, Group C), LVM	8,520	CY	\$18.85	\$160,602.00	\$14.00	\$119,280.00	\$8.00	\$68,160.00		
41	Concrete Pavement Repair (All Depths)	185	SY	\$66.00	\$12,210.00	\$85.00	\$15,725.00	\$66.00	\$12,210.00		
42	9.5mm Hot Mix Asphalt	610	Ton	\$187.00	\$114,070.00	\$177.00	\$107,970.00	\$338.00	\$206,180.00		
43	Concrete Curb & Gutter (Match Existing Type)	30	LF	\$35.40	\$1,062.00	\$25.00	\$750.00	\$110.00	\$3,300.00		
44	Class "B" Concrete, Minor Structures	2	CY	\$1,320.00	\$2,640.00	\$459.00	\$918.00	\$2,434.00	\$4,868.00		
45	Reinforcing Steel	195	LBS	\$2.00	\$390.00	\$2.00	\$390.00	\$2.00	\$390.00		
46	Inlet Gratings	255	LBS	\$4.40	\$1,122.00	\$6.00	\$1,530.00	\$9.00	\$2,295.00		
47	Inlet Castings	100	LBS	\$3.00	\$300.00	\$6.00	\$600.00	\$7.00	\$700.00		
48	15" Reinforced Concrete Pipe Flared End Section	1	EA	\$592.00	\$592.00	\$1,000.00	\$1,000.00	\$2,494.00	\$2,494.00		
49	15" Reinforced Concrete Pipe (Class III) (Rubber Gaskets)	32	LF	\$34.80	\$1,113.60	\$59.50	\$1,904.00	\$30.00	\$960.00		
50	18" Reinforced Concrete Pipe (Class III) (Rubber Gaskets)	56	LF	\$39.40	\$2,206.40	\$80.00	\$4,480.00	\$35.00	\$1,960.00		
51	24" Reinforced Concrete Pipe (Class III) (Rubber Gaskets)	24	LF	\$52.00	\$1,248.00	\$95.00	\$2,280.00	\$55.00	\$1,320.00		
52	Removal of Existing Pipe Cross Drains (All Sizes and Depths)	158	LF	\$15.00	\$2,370.00	\$10.00	\$1,580.00	\$4.00	\$632.00		
53	Steel U Section Sign Post (2.0 lbs/ft)	60	LF	\$3.65	\$219.00	\$35.00	\$2,100.00	\$37.00	\$2,220.00		
54	Standard Roadside Signs, Sheet Aluminum (0.080" Thickness)	24	SF	\$11.00	\$264.00	\$75.00	\$1,800.00	\$165.00	\$3,960.00		
55	6" Yellow Thermoplastic Detail Traffic Stripe	500	LF	\$6.00	\$3,000.00	\$2.00	\$1,000.00	\$4.00	\$2,000.00		
56	Lengend White Thermoplastic Traffic Marking (6" Equivilent)	356	LF	\$7.50	\$2,670.00	\$4.00	\$1,424.00	\$4.00	\$1,424.00		

BID TAB.				April 5, 2018	Myers Underground Utilities	Grady Crawford Co. Inc.	C.B. Developers, Inc.		
Project:	Infrastructure Improvements Along N. 40th, N. 39th and Mable Street				408 Ryan Road Hattiesburg, MS 39401	P.O. Box 967 Baton Rouge, LA 70821	1716 Evelyn Gandy Pkwy, Suite 40 Hattiesburg, MS 39401		
Project No.	11254								

BASE BID									
57	Solid Sod (Incl. Sod, Top Soil, Fertilizer, Watering, etc.)	990	SY	\$6.00	\$5,940.00	\$8.50	\$8,415.00	\$10.00	\$9,900.00
58	Landscape Restoration (Inc. Top Soil, Plants, Mulch, Watering, etc.)	65	SF	\$17.00	\$1,105.00	\$35.00	\$2,275.00	\$19.00	\$1,235.00
59	Temporary Erosion Control	1	LS	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$6,083.00	\$6,083.00
60	Maintenance of Traffic	1	LS	\$4,000.00	\$4,000.00	\$15,000.00	\$15,000.00	\$10,341.00	\$10,341.00
61	Mobilization	1	LS	\$45,400.00	\$45,400.00	\$50,000.00	\$50,000.00	\$54,745.00	\$54,745.00
Bid Total:					\$797,010.70		\$879,106.41		\$889,612.00 *



 This is to certify that I have checked the tabulation of the bids received by the City of Hattiesburg on April 5, 2018, and that said tabulation is true and correct to the best of my belief.

 12693

 Kyle D. Wallace, City Engineer

Comments:

 *Mathematical Correction

G:\PROJECTS\Hattiesburg_City of 11254 - Infrastructure Improvements on N40th and N39th Avenues\11254-CAD Files\11254 - coverpages.dwg, CVR, 2/5/2018 2:05:10 PM

PUBLIC UTILITIES

CABLE
COMCAST
2100 LINCOLN RD
HATTIESBURG, MS 39402
(601) 264-1188

POWER
MISSISSIPPI POWER, CO.
6356 U.S. HIGHWAY 49
HATTIESBURG, MS 39401
(601) 544-6511

TELECOMM
AT&T
P.O. BOX 1191
HATTIESBURG, MS 39401
(601) 545-6424

INLINE
405 LEGACY PARK
RIDGELAND, MS 39157
(601) 956-8909
(888) 346-5463

TELEPAK DBA CSPIRE FIBER
1018 HIGHLAND COLONY PKWY
SUITE 300
RIDGELAND, MS 39157
(855) 277-4732

GAS
WILMUT GAS
P.O. BOX 1649
HATTIESBURG, MS 39403
(601) 544-6001

SEWER
CITY OF HATTIESBURG
WATER & SEWER DEPT.
900 JAMES ST
HATTIESBURG, MS 39403
(601) 545-4530

WATER
CITY OF HATTIESBURG
WATER & SEWER DEPT.
900 JAMES ST
HATTIESBURG, MS 39403
(601) 545-4530

TRAFFIC
CITY OF HATTIESBURG
TRAFFIC DEPT.
125 WALNUT ST
HATTIESBURG, MS 39401
(601) 545-4626

CONSTRUCTION PLANS

FOR

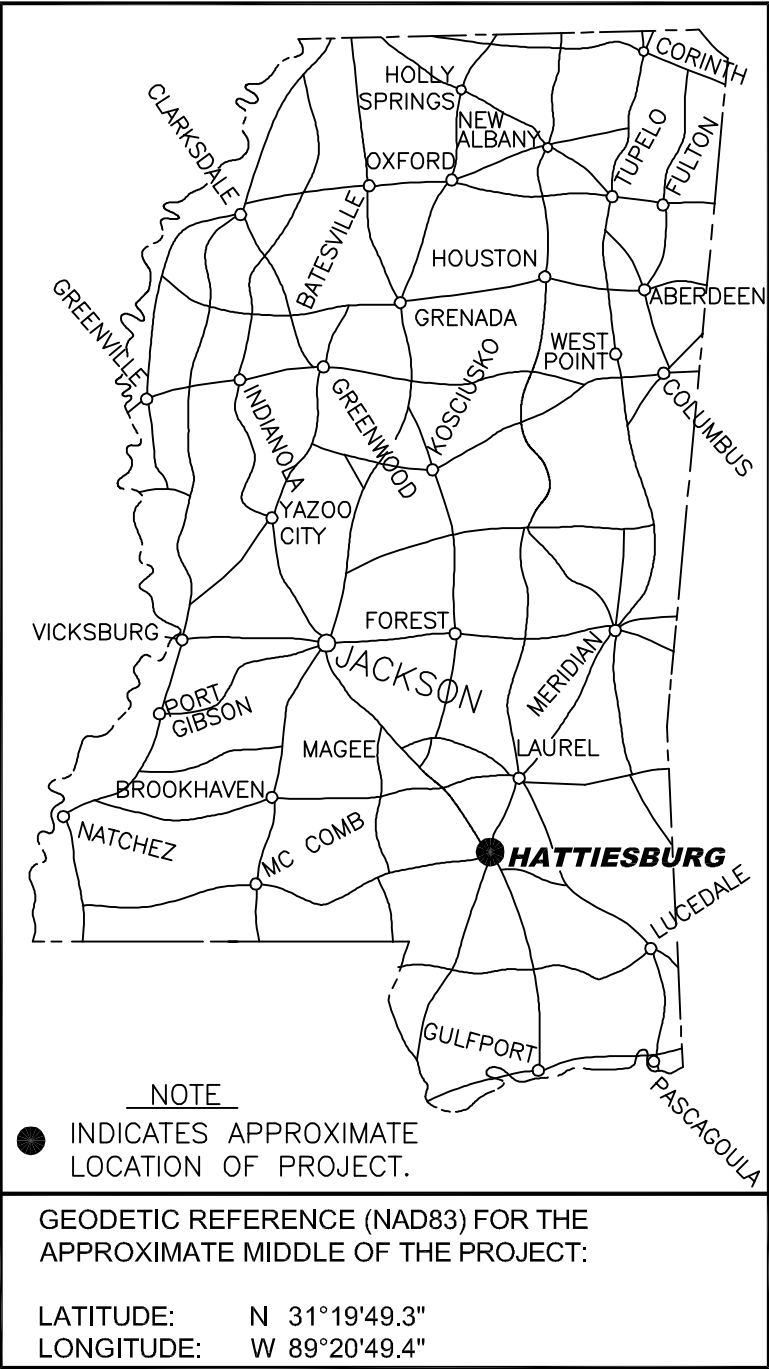
INFRASTRUCTURE
IMPROVEMENTS

ALONG NORTH 40th AVENUE, NORTH 39th AVENUE
& MABLE STREET

FOR THE

CITY OF HATTIESBURG

FORREST COUNTY
MISSISSIPPI



SHEET No.	WRK No.	DESCRIPTION
1	CVR	COVER SHEET
2	VM	VICINITY MAP
3	PSM1	PROJECT MAP & LEGENDS
4	GN1	GENERAL NOTES
5	PhP1	N 40th AVENUE STA 9+00 - STA 15+60
6	PhP2	N 40th AVENUE STA STA 15+00 - STA 21+60
7	PhP3	N 40th AVENUE STA 21+00 - STA 23+40
8	PhP4	N 39th AVENUE STA 10+00 - STA 15+40
9	PhP5	N 39th AVENUE STA 14+40 - STA 21+00
10	PhP6	N 39th AVENUE STA 19+00 - 25+60
11	PhP7	MABLE STREET STA 10+00 - STA 13+00
12	PMP1	PAVING AND MARKING PLAN
13	PMP2	PAVING AND MARKING PLAN
14	PMP2	PAVING AND MARKING PLAN
15	SSD1	SEWER INSTALLATION DETAILS
16	SSD2	SEWER INSTALLATION DETAILS
17	WTRD1	WATER INSTALLATION DETAILS
18	WTRD2	WATER INSTALLATION DETAILS
19	TWD1	TRACER WIRE DETAILS
20	PRD1	PAVEMENT REPAIR DETAILS
21	VS1	VEGETATION SCHEDULE & MISC DETAILS
22	HDPE-1	FLEXIBLE PIPE STANDARD
23	ECD-1	TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS
24	ECD-2	DETAILS OF SEDIMENT BARRIER APPLICATIONS
25	ECD-3	DETAILS OF SILT FENCE INSTALLATION
26	ECD-4	DITCH CHECK STRUCTURES, TYPICAL
27	ECD-6	APPLICATIONS AND DETAILS DETAILS OF EROSION CONTROL WATTLE DITCH CHECK
28	ECD-20	DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK
6145	DT-1	DETAILS OF TYPICAL DITCH TREATMENTS
6250	TCP-1	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)
6259	TCP-10	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS
6300	PH-1	PIPE CULVERT INSTALLATION
6301	PC-1	CONCRETE PIPE COLLAR
6325	B-9	DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERT
6328	FE-1	FLARED END SECTION FOR CONCRETE PIPE

MAYOR

Toby Barker

COUNCIL PERSONS

Carter Carroll, President
Mary Dryden, Vice President
Jeffrey George
Deborah Denard Delgado
Nicholas Brown

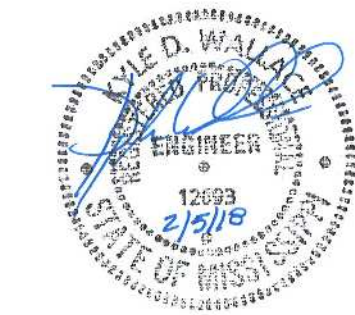
DIRECTOR OF ENGINEERING

Lamar Rutland, PE

PREPARED BY:



Engineering Progress



Working No. CVR
Sheet No. 1
Drawing No.: 11254

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



Know what's below.
Call before you dig.

MISSISSIPPI 811 TICKETS	
TICKET No.	DESCRIPTION
17100310050548	N 39TH AVE FROM MONTAGUE BLVD TO MORNINGSDR DR
17100310030542	N 40TH AVE FROM MONTAGUE BLVD TO MORNINGSDR DR

SPECIAL UTILITY NOTES:

- UTILITY LOCATION REQUESTS WERE SUBMITTED TO MISSISSIPPI 811 (FORMERLY MISSISSIPPI ONE CALL) DURING THE FIELD DATA COLLECTION PHASE FOR THE DESIGN OF THIS PROJECT. ALL UTILITIES THAT LOCATED DURING THE FIELD DATA COLLECTION ARE SHOWN ON THESE PLANS. ALL CONFLICTS WITH EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION SHALL BE COORDINATED WITH THE UTILITY OWNER, THE ENGINEER AND THE PROJECT OWNER PRIOR TO INSTALLATION OF THE PROPOSED WATER SYSTEM. (NO SEPARATE PAY FOR COORDINATION)
- THE CONTRACTOR SHALL DOCUMENT THE EXISTENCE OF ANY MISSING AND/OR OVERLAPPING UNDERGROUND UTILITIES AND STORM DRAINAGE NOT SHOWN ON THESE CONSTRUCTION DRAWINGS.

FEBRUARY 2018

NO.	DATE	DESCRIPTION	BY

RANGE 14 WEST

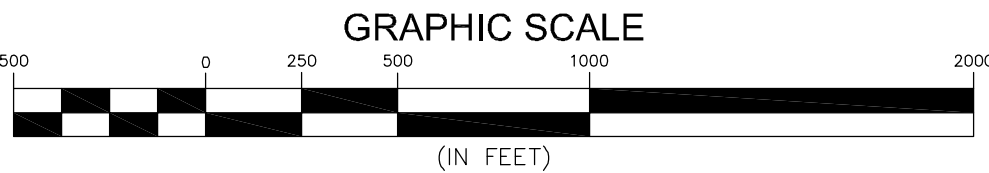
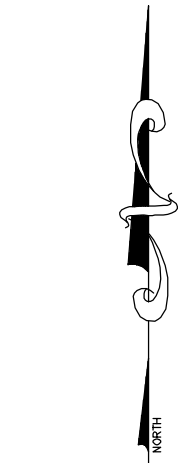
RANGE 13 WEST

LAMAR COUNTY
FORREST COUNTY

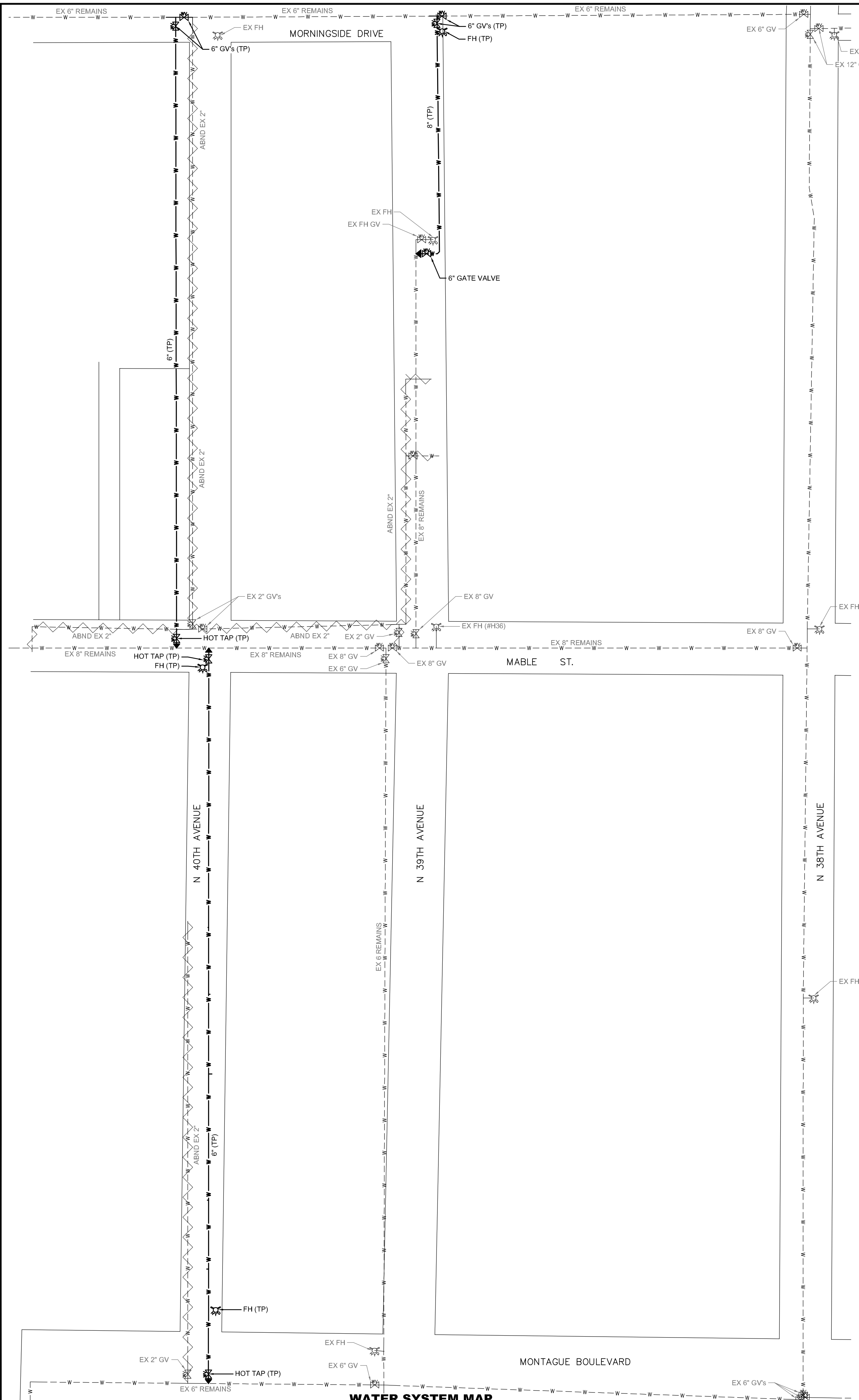
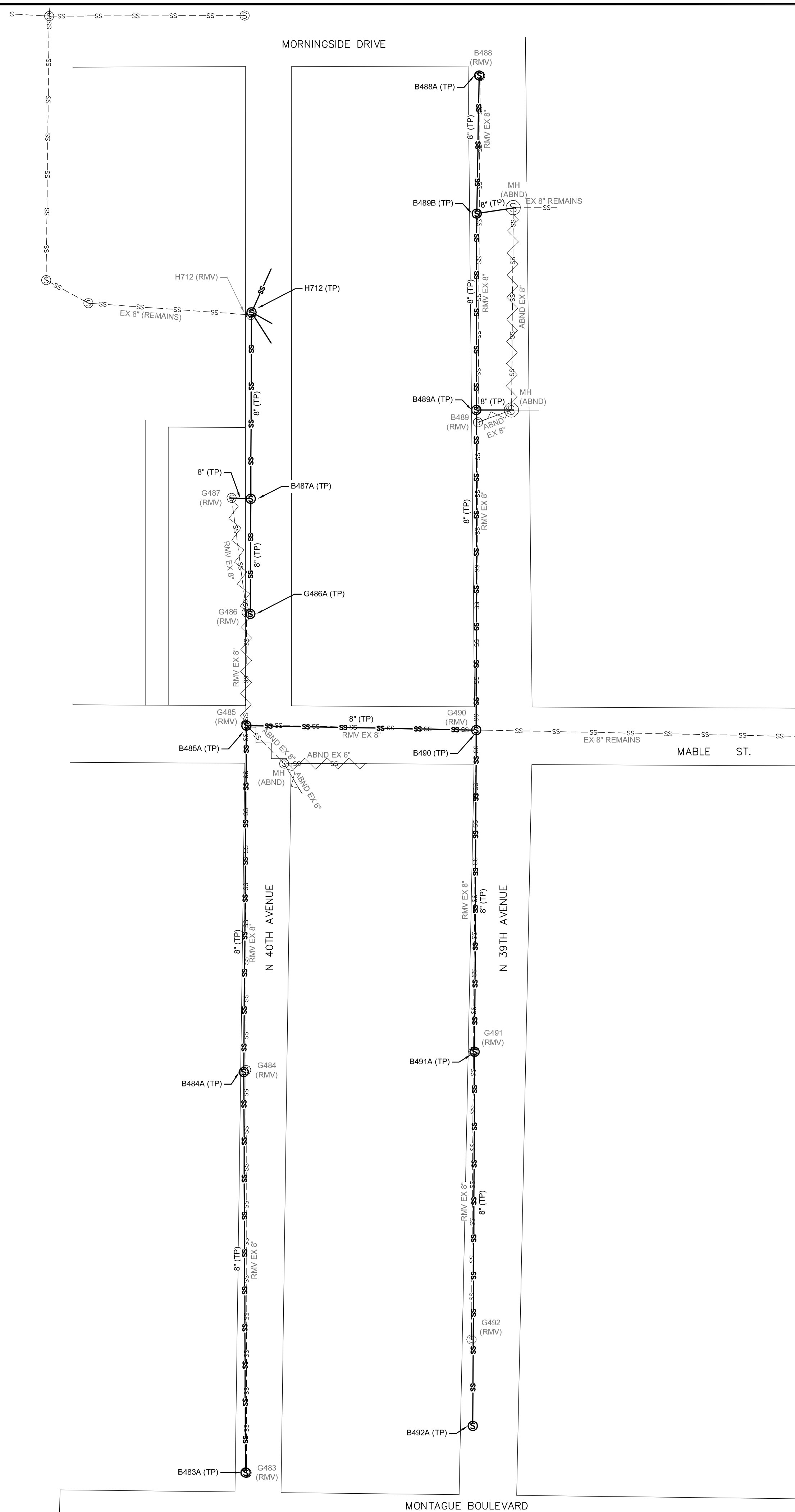
CITY LIMITS

TOWNSHIP 4 NORTH

PROJECT
SITE



NO.	DATE	DESCRIPTION	BY
VICINITY MAP			
INFRASTRUCTURE IMPROVEMENTS			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
 Engineering Progress			
301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
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Date: 01-22-2018		Working No. VM	
Drawing No.: 11254		Sheet No. 2	



PLAN ABBREVIATION LEGEND:

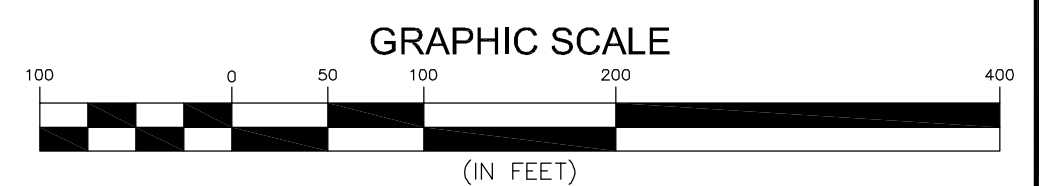
- | | | |
|---------|---|--------------------------------|
| ABND | – | ABANDONED |
| APPURT | – | APPURTENANCES |
| ASPH | – | ASPHALT |
| Q CONST | – | CENTERLINE CONSTRUCTION |
| CONC | – | CONCRETE |
| CONN | – | CONNECTION |
| CONT'D | – | CONTINUED |
| CMP | – | CORRUGATED METAL PIPE |
| CPP | – | CORRUGATED PLASTIC PIPE |
| DR | – | DIAMETER RATIO |
| DRV | – | DRIVE |
| DI | – | DUCTILE IRON PIPE |
| DS FL | – | DOWNSTREAM FLOW LINE |
| E | – | EAST |
| EXIST | – | EXISTING |
| FES | – | FLARED END SECTION |
| FL | – | FLOW LINE |
| GRVL | – | GRAVEL |
| HDPE | – | HIGH DENSITY POLYETHYLENE PIPE |
| HYD | – | HYDRANT |
| INV | – | INVERT |
| LT | – | LEFT |
| LF | – | LINEAR FEET |
| MH | – | MANHOLE |
| N | – | NORTH |
| PRKG | – | PARKING |
| PVC | – | POLYVINYL CHLORIDE PIPE |
| RCP | – | REINFORCED CONCRETE PIPE |
| REQ'D | – | REQUIRED |
| RT | – | RIGHT |
| ROW | – | RIGHT OF WAY |
| SAN | – | SANITARY |
| STA | – | STATION |
| SWR | – | SEWER |
| SVC | – | SERVICE |
| S | – | SOUTH |
| TYP | – | TYPICAL |
| US FL | – | UPSTREAM FLOW LINE |
| WTR | – | WATER |
| WY | – | WEIR |

PLAN SYMBOL LEGEND:

- | | |
|---|------------------------------|
|  | — FENCE |
|  | — FIRE HYDRANT |
|  | — FIBER OPTIC ID POST |
|  | — GAS INDICATOR POST |
|  | — GAS LINE |
|  | — LIGHT ON UTILITY POLE |
|  | — LIGHT ON DECORATIVE POLE |
|  | — MAILBOX |
|  | — OVERHEAD UTILITY LINE |
|  | — POLE GUY WIRE |
|  | — PROPERTY LINE |
|  | — SAN SWR CLEAN-OUT |
|  | — SAN SWR LINE |
|  | — SAN SWR MANHOLE |
|  | — SIGN |
|  | — TELEPHONE PEDESTAL |
|  | — TREE LINE |
|  | — UNDERGROUND POWER LINE |
|  | — UNDERGROUND TELEPHONE LINE |
|  | — UTILITY POLE |
|  | — UTILITY SERVICE POLE |
|  | — WATER LINE |
|  | — WATER METER |
|  | — WATER VALVE |

ABBREVIATION LEGEND:

- | | |
|------|----------------|
| ABND | - ABANDONED |
| EX | - EXISTING |
| FH | - FIRE HYDRANT |
| GV | - GATE VALVE |
| RMV | - REMOVED |
| TP | - THIS PROJECT |



NO.	DATE	DESCRIPTION	BY
PROJECT MAP & LEGENDS			
INFRASTRUCTURE IMPROVEMENTS CITY OF HATTIESBURG FORREST COUNTY, MISSISSIPPI			
 301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by:	RES\BT	Checked by:	KDW Scale: NONE
Date:	01--22--2018	Working No.	PSM1
Drawing No.:	11254	Sheet No.	3

GENERAL NOTES

1.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES.
2.

THE CONTRACTOR SHALL KEEP A SET OF CONSTRUCTION PLANS OF THE PROJECT ON THE JOB SITE SHOWING THE ACCURATE MEASUREMENTS AND ELEVATIONS OF THE "AS-BUILT" SYSTEM. THIS DATA WILL BE COLLECTED AND PUT ON THE DRAWINGS DAILY.
3.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING THE ENTIRE PROJECT.
4.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CITY OF HATTIESBURG AND/OR FORREST COUNTY FEES AND PERMITS ASSOCIATED WITH CONSTRUCTION.
5.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING AND THE LOCATION OF THE PROJECT. CONTROL COORDINATE SYSTEM AND ELEVATION CONTROL ARE SHOWN ON THE PLAN SHEETS.
6.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN SUB-SURFACE SOIL INVESTIGATIONS.
7.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL EXISTING TOPOGRAPHIC DATA AND ALL OTHER SITE CONDITIONS PRIOR TO THE BEGINNING OF CONSTRUCTION. ANY CONFLICT SHALL BE COORDINATED WITH THE CONTRACTOR, OWNER AND ENGINEER/ARCHITECT. THE ENGINEER CANNOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE.
8.

THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL UTILITIES WITHIN THE WORK AREA.
9.

ALL UNDERGROUND UTILITIES, FOR THE ENTIRE PROJECT, SHALL BE LOCATED BY THE CONTRACTOR AND UTILITY OWNERS PRIOR TO THE CONSTRUCTION OF THE PROJECT. ANY CONFLICTS SHALL BE COORDINATED BETWEEN CONTRACTOR, UTILITY OWNER AND ENGINEER.
10.

ALL CULVERT CROSS DRAINS AND SIDE DRAINS SHALL BE PROTECTED. REMOVAL AND REPLACEMENT, IF REQUIRED, SHALL BE PAID AS NOTED.
- 10.1.

ANY EXISTING CROSS DRAINS SHOWN TO BE REMOVED AND REPLACED SHALL BE REPLACED WITH NEW RCP AND SHALL BE INSTALLED AT THE SAME GRADE AS THE EXISTING CROSS DRAIN, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT THE GRADES OF THE REPLACED PIPE ARE CORRECT AND TO INSURE PROPER FLOW.
- 10.2.

ANY EXISTING SIDE DRAINS THAT CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND REPLACED WITH NEW CORRUGATED HDPE PIPE AND SHALL BE INSTALLED AT THE SAME GRADE AS THE EXISTING SIDE DRAIN, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT THE GRADES OF THE REPLACED PIPE ARE CORRECT AND TO INSURE PROPER FLOW.
- 10.3.

IF THE EXISTING DRAIN PIPES ARE CONNECTED TO INLETS, HEADWALLS OR ANY OTHER DRAINAGE STRUCTURES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONNECTION TO THOSE STRUCTURES, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER. CONCRETE PIPE COLLARS SHALL BE USED AS WARRANTED, AS APPROVED BY THE ENGINEER. SOME INLETS ARE NOTED FOR REPLACEMENT ON THE PLANS AND SHALL BE REPLACED AS DETAILED.
- 10.4.

ANY EXISTING DRAINS THAT SHOWN TO BE REMOVED AND RESET SHALL BE REMOVED, SALVAGED AND RESET PER NEW PIPE INSTALLATION DETAILS CONTAINED HEREIN. ANY DAMAGE TO THE SALVAGED PIPE SHALL BE REPLACED AT NO ADDITIONAL COST TO THE PROJECT.
- 10.5.

THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE THE EXISTING STORM DRAINAGE STRUCTURES DURING THE CONSTRUCTION PROCESS. ANY DAMAGE, OTHER THAN THAT NOTED ABOVE, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 10.6.

ABSOLUTELY NO NEW CORRUGATED METAL PIPE SHALL BE INSTALLED ON THIS PROJECT.
11.

THE COST OF CLEARING AND GRUBBING/REMOVAL AND DISPOSAL OF CLEARING AND GRUBBING MATERIAL SHALL BE PAID LUMP SUM, UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE FAMILIAR WITH THE EXTENT OF CLEARING REQUIRED PRIOR TO BIDDING. OFFSITE DISPOSAL AREAS ARE TO BE FURNISHED BY THE CONTRACTOR.
12.

PROPER MAINTENANCE OF STREETS, INCLUDING DUST CONTROL, SHALL BE STRICTLY ADHERED TO.
13.

MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION).
14.

THE CONTRACTOR SHALL PROVIDE PROPER TRAFFIC CONTROL SIGNS AND FLAGGERS TO MAINTAIN ONE LANE TRAFFIC DURING CONSTRUCTION, WHERE LANE CLOSURES ARE NEEDED, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. SEE SHEET No. 6250 FOR TYPICAL LANE CLOSURE DETAILS. ANY ROAD CLOSURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO IMPLEMENTATION.
15.

ALL DISTURBED UNPAVED AREAS SHALL BE RESTORED AS FOLLOWS:
- 15.1.

GRASSSED AREAS SHALL RECEIVE SOLID SOD WHICH SHALL BE FERTILIZED AND WATERED AS PER THE VEGETATION SCHEDULE. PERMANENT ESTABLISHMENT OF GRASS GROWTH SHALL BE A REQUIREMENT BEFORE FINAL COMPLETION.
- 15.2.

ALL LANDSCAPED AREAS SHALL BE RESTORED IN KIND AND SHALL INCLUDE TOP SOIL (4" DEPTH MIN), WATERING, FERTILIZER AND MULCH, IF PRESENT (IN KIND), AS PER THE VEGETATION SCHEDULE. CONTRACTOR SHALL MATCH SPECIES AND SIZE AS CLOSE AS POSSIBLE. SUBSTITUTIONS SHALL BE ALLOWED ONLY BY WRITTEN APPROVAL FROM THE ENGINEER AND COORDINATION WITH THE AFFECTED RESIDENT.
16.

ALL EXISTING MAILBOXES, STREET SIGNS, FENCES, AND OTHER STRUCTURES LOCATED WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED AND RESET AS DICTATED BY CONSTRUCTION ACTIVITIES. (NO SEPARATE PAY, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER). EXISTING FLOWER BEDS, GARDENS, SHRUBS, ETC. WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED AND RESET AS DICTATED BY CONSTRUCTION ACTIVITIES. (NO SEPARATE PAY, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER). ALL ITEMS (INCLUDING REMOVAL OF OBSTRUCTIONS, REMOVED AND RESET AND/OR REPLACEMENT OF STORM DRAIN STRUCTURES, ETC.) FOR WHICH NO PAY ITEM IS LISTED, SHALL BE INCLUDED IN THE COST OF THE PIPE LAYING OPERATION. (NO SEPARATE PAY).
17.

PAVED ROADS SHALL BE OPEN CUT AND REPAIRED AS DETAILED. CASING SHALL BE USED ONLY WHERE NOTED ON THE PLANS.
18.

ALL GRAVEL ROADS AND GRAVEL DRIVEWAYS SHALL BE OPEN CUT WITHOUT CASING, UNLESS OTHERWISE NOTED, AND REPLACED IN KIND.
19.

ALL PAVED DRIVEWAYS SHALL BE OPEN CUT AND REPAIRED IN KIND, UNLESS OTHERWISE NOTED.
20.

CONTRACTOR SHALL PROVIDE ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ALL DRIVEWAY CUTS AND EXCAVATION WITH THE OWNERS OF SAID DRIVEWAYS.
21.

ANY DAMAGE TO PAVED ROADS OR DRIVEWAYS, WHICH ARE OUTSIDE OF THE PROJECT LIMITS, SHALL BE REPAIRED IN KIND, AT THE CONTRACTOR'S EXPENSE.
22.

ALL TRENCHES IN PAVED AREAS SHALL BE REPAIRED AS DETAILED. CRUSHED AGGREGATE SHALL ALSO BE INSTALLED AND USED FOR A TEMPORARY SURFACE UNTIL SUCH TIME THAT THE OWNER DECIDES TO ALLOW INSTALLATION OF PAVEMENT (SEE DETAIL). ALL CRUSHED AGGREGATE MAY BE LIMESTONE OR CONCRETE AND SHALL BE SIZE 825. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF EXISTING PAVEMENT AND OR CRUSHED AGGREGATE PRIOR TO PLACEMENT OF PAVEMENT IN PATCHED AREAS TO MAKE A SMOOTH JOINT WITH THE EXISTING PAVEMENT. SAW CUT TO FULL DEPTH OF EXISTING PAVEMENT SHALL BE REQUIRED ON ALL PAVEMENT REPAIR, UNLESS OTHERWISE DIRECTED. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SURFACE IN AN ACCEPTABLE CONDITION UNTIL SUCH TIME AS FINAL PAVEMENT IS INSTALLED.
23.

ALL ROAD BORES SHALL BE IN ACCORDANCE TO THE DETAILS.
24.

ALL SELECT FILL MATERIAL SHALL MEET THE SPECIFICATIONS FOR CLASS 9, GROUP C AND MODIFIED TO CONSIST OF A PLASTICITY INDEX (PI) BETWEEN 5 AND 15. THE SELECT FILL MATERIAL SHALL BE INSTALLED AT THE DIRECTION OF THE ENGINEER OR HIS REPRESENTATIVE.
25.

PRIOR TO THE BEGINNING OF ANY EXCAVATION, ALL EXISTING PAVEMENT SHALL BE SCORED OR SAW CUT TO A DEPTH SUCH THAT A STRAIGHT AND UNIFORM VERTICAL EDGE IS ESTABLISHED PRIOR TO REMOVAL OF SAID PAVEMENT FROM THE PROJECT. IF VERTICAL EDGE IS DISTURBED, THEN A SECOND CUT SHALL BE REQUIRED PRIOR TO ASPHALT OR CONCRETE PATCHING. ALL ASPHALT OR CONCRETE SHALL BE REMOVED FROM THE PROJECT SITE PRIOR TO EXCAVATION PROCEDURES. (NO SEPARATE PAY FOR SAW CUTTING, DEBRIS REMOVAL, PAVEMENT REMOVAL AND DISPOSAL)
26.

WORK FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING THE EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING WHAT BRACING, SHORING OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION, OR ANY STRUCTURE ADJACENT TO THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES INCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE BID PRICE FOR CONTRACT ITEMS.
27.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING BRACING, SHORING OR ANY GROUND SUPPORT SYSTEM REQUIRED TO PREVENT A FAILURE FROM OCCURRING DURING EXCAVATION. ALL COST FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING AND CONSTRUCTING THE SUPPORT SYSTEM, SHALL BE INCLUDED IN THE BID PRICE FOR CONTRACT ITEMS.
28.

THE EROSION CONTROL DEVICES SHALL BE REQUIRED AS DIRECTED BY THE ENGINEER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SILT DOES NOT LEAVE THE CONSTRUCTION SITE OR CONTAMINATE WATERS OF THE U.S. DURING CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN THE PLAN DURING CONSTRUCTION UNTIL PERMANENT GRASS IS ESTABLISHED OR THE DISTURBED SURFACED IS PAVED.

29.

THE CONTRACTOR SHALL ADHERE TO ALL MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY REQUIREMENTS FOR EROSION CONTROL AND ANY OTHER PERTINENT GUIDELINES.
30.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIAL TESTING BY AN INDEPENDENT LABORATORY APPROVED BY THE ENGINEER AND/OR OWNER.
31.

MATERIAL SUBMITTALS SHALL BE MADE TO OWNER THROUGH THE ENGINEER PRIOR TO USE FOR APPROVAL.
32.

ALL WATER AND SEWER SYSTEMS INSTALLED ON THIS PROJECT SHALL REQUIRE A TRACER WIRE SYSTEM.
33.

THE CONTRACTOR SHALL HAVE A COMPETENT AND EXPERIENCED SUPERINTENDENT ON SITE AT ALL TIMES. THE SUPERINTENDENT SHALL NOT OPERATE EQUIPMENT WHILE ON THE PROJECT SITE. WORK ON THE PROJECT SHALL STOP IF THE ASSIGNED PROJECT SUPERINTENDENT IS NOT ON SITE.
34.

MANHOLE LIDS, FIRE HYDRANTS & VALVES NOTED FOR REMOVAL IN THESE PLANS, SHALL BE SALVAGED FOR THE OWNER. ALL ITEMS SALVAGED ITEMS SHALL BE CLEANED BY POWER WASHING. SAID ITEMS SHALL BE STACKED AND SECURED ON PALLETS. SAID ITEMS SHALL BECOME THE PROPERTY OF THE OWNER AND DELIVERED TO A SITE DETERMINED BY THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY OF SAID ITEMS PRIOR TO DELIVERY TO THE OWNER AND FOR REPLACEMENT IN KIND FOR ANY MISSING ITEMS. (NO SEPARATE PAY)
35.

ALL MATERIALS FOR THE PROJECT SHALL BE A PRODUCT OF THE U.S.A.

SEWER NOTES:

1.

NO PIPE SHALL BE LAID IN THE PRESENCE OF WATER. NO MANHOLE OR WET WELL SHALL BE SET IN THE PRESENCE OF WATER.
2.

WELL POINTS, IF REQUIRED, SHALL BE INCLUDED IN THE COST OF THE PIPING LAYING OPERATION.
3.

WHERE THE WATER MAIN IS WITHIN 10 FEET OF A SEWER MAIN HORIZONTALLY, THE BOTTOM OF THE WATER MAIN SHALL BE AT LEAST 18" FROM THE TOP OF THE SEWER MAIN, UNLESS OTHERWISE NOTED.
4.

THE FINISHED ELEVATION OF ALL MANHOLE TOPS FOR MANHOLES TO BE CONSTRUCTED IN PAVED AREAS SHALL BE AT EXISTING PAVEMENT ELEVATION OR AS DIRECTED BY THE ENGINEER. MANHOLE AND PIPE ELEVATIONS SHALL BE TAKEN FROM CUT SHEETS FURNISHED BY THE CONTRACTOR FOR APPROVAL BY THE ENGINEER AT LEAST SEVEN (7) DAYS PRIOR TO CONSTRUCTION. PAYMENT FOR SEWER WILL BE BASED ENTIRELY ON THE ENGINEER APPROVED CUT SHEETS.
5.

MANHOLES SHALL HAVE 20 MIL. COAL TAR EPOXY COATING ON THE INSIDE, UNLESS OTHERWISE NOTED. DUCTILE IRON PIPE SHALL BE LINED AS NOTED IN THE SPECIFICATIONS.
6.

ALL SEWER MAINS, SERVICE LINES AND FITTINGS SHALL BE SDR 26 PVC AND OF THE SIZE AS NOTED IN THESE PLANS, UNLESS OTHERWISE NOTED. ALL FITTINGS REQUIRED FOR DUCTILE IRON OR PVC PIPE SHALL BE INCLUDED IN THE APPROPRIATE BID ITEM FOR THE PIPE AND AT NO ADDITIONAL COST TO THE PROJECT EXCEPT SERVICE TEE'S AND CLEANOUTS. CLEANOUTS SHALL INCLUDE TEE, SERVICE CAP, TRAFFIC COVER IF NEEDED, AND ANY PIPE LENGTH TO BRING CLEANOUT TO SURFACE GRADE. ALL CLEANOUTS LOCATED IN PAVED AREAS SHALL BE INSTALLED WITH A TRAFFIC LOAD RATED FRAME AND COVER SET FLUSH WITH PAVEMENT. (NO SEPARATE PAY)
7.

ALL DUCTILE IRON PIPE SHALL BE LOCKING JOINT TYPE AND OF THE SIZE AS NOTED ON THESE PLANS.
8.

INFILTRATION/EXFILTRATION ON NEWLY INSTALLED SEWER MAIN SHALL BE REQUIRED AS DIRECTED. MANDREL TESTS SHALL BE REQUIRED ON ALL SEWER MAIN INSTALLED. CONTRACTOR SHALL BE REQUIRED TO PULL A MANDREL FOR TESTING PURPOSES IN ALL SEWER LINES INSTALLED ON THE PROJECT PRIOR TO FINAL ACCEPTANCE. MANDREL TEST SHALL BE PERFORMED IN LIVE OR BYPASS PUMPED SEWER AS NECESSARY AT THE DISCRETION OF THE ENGINEER
9.

ALL MANHOLES SHALL BE 48" IN DIAMETER, WITH ECCENTRIC TOP CONE SECTIONS, UNLESS OTHERWISE NOTED. (SEE PLAN AND PROFILE SHEETS FOR PROPER SIZING)
10.

ALL SINGLE DROPS FOR SEWER PIPE 8" AND UNDER IN DIAMETER SHALL BE PLACED INSIDE THE MANHOLE AS DETAILED. ALL MULTIPLE DROPS OR DROPS FOR SEWER PIPE OVER 8" IN DIAMETER SHALL BE PLACED OUTSIDE OF THE MANHOLE AS DETAILED, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
11.

THE CONTRACTOR SHALL ADHERE TO ALL MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY REQUIREMENTS FOR SANITARY SEWER CONSTRUCTION CONTROL AND ANY OTHER PERTINENT GUIDELINES.
12.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR BY-PASS PUMPING AS REQUIRED BY THE ENGINEER. (NO SEPARATE PAY)
13.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONNECTING ANY SEWER SERVICE LINES WHICH ARE CUT AND/OR REMOVED DURING THIS PROJECT.
- 13.1.

ALL SERVICE CONNECTIONS SHOWN ON THE PLAN SHEETS SHALL BE CONNECTED TO THE PROPOSED SEWER LINE, UNLESS NOTED OTHERWISE OR DIRECTED BY THE ENGINEER.
- 13.2.

FLEXIBLE COUPLINGS SHALL BE USED ONLY WITH ENGINEER'S APPROVAL.
- 13.3.

THE CONTRACTOR SHALL VERIFY THE LOCATION AND FLOWLINE ELEVATION OF THE SERVICE CONNECTION POINTS AT EACH STRUCTURE PRIOR TO CONSTRUCTION. LENGTH OF SERVICE CONNECTIONS MAY VARY FROM WHAT IS SHOWN DUE TO LOCATION OF SERVICE CONNECTION POINT.
- 13.4.

THE MINIMUM GRADE FOR SEWER SERVICE CONNECTIONS SHALL BE 0.50% SERVICE CONNECTION TO MAIN, TEE'S, REDUCERS, CONNECTIONS TO EXISTING SERVICE AND ANY OTHER FITTINGS NECESSARY TO MAKE THE CONNECTION SHALL BE PAID PER EACH CONNECTION. SERVICE LINE SHALL BE PAID BY LINEAR FOOT.
- 13.5.

CLEANOUTS SHALL BE PAID PER EACH. CLEANOUTS FOR SANITARY SEWER SERVICES SHALL BE PLACED AT THE RIGHT OF WAY LINE (AS DETAILED), AT EVERY TURN AND CHANGE IN GRADE, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.
- 13.6.

SERVICE CONNECTIONS NOTED ON THESE PLANS ARE LOCATED BASED ON FIELD EVIDENCE, INSPECTION REPORTS AND OTHER INFORMATION THAT IS AVAILABLE TO THE ENGINEER. THE LOCATION OF ANY SERVICE NOTED AS "FIELD VERIFY" IS QUESTIONABLE AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION OF THE MAIN LINE.
14.

ALL SERVICE CONNECTIONS (FOR ALL UTILITY TYPES) WHICH ARE TEMPORARILY DISCONNECTED DUE TO CONSTRUCTION REQUIREMENTS, DAMAGED OR OTHERWISE DISCONNECTED, SHALL BE REPAIRED IN KIND AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE DIRECTED. (NO SEPARATE PAY). SERVICE INTERRUPTIONS SHALL BE COORDINATED WITH THE UTILITY OWNER AND THE AFFECTED STRUCTURE OWNER. EXCEPTION 1: WATER SERVICE CONNECTIONS WHICH ARE DEGRADED BEYOND REPAIR, LEAKING, BROKEN, ETC. PRIOR TO CONSTRUCTION, SHALL BE DOCUMENTED, REPORTED TO THE ENGINEER, REPAIRED AND PAID AS OUTLINED IN THE BID PROPOSAL (SIZE TO MATCH EXISTING). EXCEPTION 2: ANY OTHER SERVICE CONNECTIONS, EXCEPT WATER & SEWER, WHICH ARE DEGRADED BEYOND REPAIR, LEAKING, BROKEN, ETC. PRIOR TO CONSTRUCTION, SHALL BE DOCUMENTED, REPORTED TO THE ENGINEER AND REPORTED TO THE UTILITY OWNER.
15.

THE CONTRACTOR SHALL NOTE MINIMUM GRADES FOR VARIOUS LOCATIONS OF PROPOSED SEWER LINES WITHIN THE PROJECT. THE CONTRACTOR SHALL HAVE THE EXPERTISE TO INSTALL PIPING ON THESE GRADES. ANY INSTALLED PIPE FOUND TO HAVE MORE THAN ¼" OF STANDING WATER SHALL BE REMOVED AND RE-LAID AT THE CONTRACTOR'S EXPENSE.
16.

ALL BEDDING MATERIAL FOR ALL PIPE SHALL BE ABSORBED IN THE PRICE OF THE PIPE LAYING OPERATION.
17.

ALL MANHOLES LOCATED IN FLOOD ZONES SHALL HAVE BOLTED LIDS AND FRAMES AS SHOWN ON PLANS.

SPECIAL SEWER ABANDONMENT / REMOVAL NOTES:

1.

ALL EXISTING MANHOLES NOTED TO BE REMOVED SHALL BE REMOVED ENTIRELY. REMOVED ITEMS SHALL BE DISPOSED OF APPROPRIATELY.
2.

ALL EXISTING MANHOLES NOTED TO BE ABANDONED, SHALL BE PAID FOR PER EACH AND SHALL BE MODIFIED AS FOLLOWS:

2.1.

REMOVE AND DISPOSE OF SANITARY WASTE.

2.2.

REMOVE COVER, FRAME AND THE TOP 36" OF MANHOLE STRUCTURE. DISPOSE OF REMOVED OBJECTS APPROPRIATELY.

2.3.

FILL THE MANHOLE WITH SAND.

2.4.

CAP THE MANHOLE WITH 3000 PSI, NON-REINFORCED CONCRETE (6" DEPTH).

2.5.

BACKFILL WITH NATIVE SOIL MATERIAL AND/OR FILL MATERIAL (CL B9) AND COMPACT. GRADE TO DRAIN AS REQUIRED. GRASS DISTURBED AREA OR REPAIR PAVEMENT AREAS.
3.

ALL EXISTING SEWER PIPES NOTED TO BE REMOVED, SHALL BE REMOVED ENTIRELY. (NO SEPARATE PAY)
4.

ALL EXISTING SEWER PIPES NOTED TO BE ABANDONED SHALL BE PAID FOR BY LINEAR FOOT AND SHALL BE MODIFIED AS FOLLOWS:

4.1.

REMOVE AND DISPOSE OF SANITARY WASTE.

4.2.

FILL THE PIPE WITH FLOWABLE FILL.

4.3.

PLUG ENDS.
5.

WHERE ABANDONED SEWER PIPES AND/OR MANHOLES CONFLICT WITH THE NEW CONSTRUCTION, THE EXISTING PIPE OR MANHOLE SHALL BE REMOVED, UNLESS NOTED OTHERWISE OR DIRECTED BY THE ENGINEER.

WATER NOTES

1.

ALL WORK ITEMS FOR WHICH NO PAY ITEMS ARE ESTABLISHED SHALL BE ABSORBED IN THE COST OF THE PIPE LAYING OPERATION.
2.

NO PIPE SHALL BE LAID IN THE PRESENCE OF WATER.
3.

WHERE THE WATER MAIN IS WITHIN 10 FEET OF A SEWER MAIN HORIZONTALLY, THE BOTTOM OF THE WATER MAIN SHALL BE AT LEAST 18" FROM THE TOP OF THE SEWER MAIN, UNLESS OTHERWISE NOTED.
4.

ALL STEEL CASINGS SHALL BE 0.250" WALL THICKNESS, UNLESS OTHERWISE NOTED, AND OF THE SIZE AS NOTED ON THESE PLANS.
5.

ALL ROAD BORES SHALL BE IN ACCORDANCE TO THE DETAILS.
6.

ALL WATER PIPE SHALL BE DUCTILE IRON, CLASS 350, AND/OR HDPE DR9, 200 PSI, AS NOTED ON PLANS.
7.

ALL FITTINGS AND VALVES SHALL BE DUCTILE IRON WITH CONCRETE THRUST BLOCK AT ALL BENDS AND SECURED TOGETHER WITH MEGA LUG CONNECTIONS. ALL TEES AND VALVES SHALL BE SECURED TOGETHER AS ONE UNIT. VALVES AND FIRE HYDRANTS SHALL BE SECURED TOGETHER BUT SEPARATE FROM THE TEE AND OTHER VALVES. ALL FITTINGS, EXCEPT VALVES SHALL BE ABSORBED ITEMS.
8.

ALL BENDS SHOWN IN THE PROPOSED WATERLINE SHALL BE ACCOMPLISHED THROUGH THE USE OF THE REQUIRED FITTINGS (22.5', 30', 45'...). SINGLE 90° BEND FITTINGS SHALL NOT BE PERMITTED UNLESS SPECIFICALLY NOTED ON THE PLANS AND/OR APPROVED BY THE ENGINEER. 90° BENDS SHALL BE ACCOMPLISHED BY USING MULTIPLE SMALLER BEND FITTINGS. BENDS SHOWN ON THE PLAN SHEETS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO BIDDING AND CONSTRUCTION. ONLY MAJOR BENDS ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FITTINGS NECESSARY TO INSTALL THE PROPOSED WATER LINE. (NO SEPARATE PAY) TEES AND CROSSES SHALL BE PAID FOR UNDER THE CONNECTION ITEM.
9.

ALL PROPOSED FIRE HYDRANTS SHOWN FOR INSTALLATION ON THE PLANS SHEETS SHALL BE 3-WAY HYDRANTS AS DETAILED. ALL HYDRANTS SHALL BE SAFETY YELLOW IN COLOR FROM THE MANUFACTURER. ACCEPTABLE FIRE HYDRANTS SHALL BE M & H, MUELLER AND AMERICAN DARLING.
10.

FULL LENGTH PIPE SECTIONS ARE REQUIRED BEFORE AND AFTER ALL FITTINGS.
11.

ALL VALVES NOTED ON THESE PLANS SHALL BE GATE VALVES.
12.

ALL EXISTING WATER LINES NOTED FOR ABANDONMENT ON THIS PROJECT SHALL BE COMPLETELY DISCONNECTED FROM THE EXISTING SYSTEM AND CAPPED.
13.

PRESSURE TESTS WILL BE REQUIRED ON ALL WATER MAIN INSTALLED.
14.

ALL NEW CONSTRUCTION TO BE FLUSHED WITH CLOSE SUPERVISION OF THE SYSTEM OPERATOR.
15.

ALL BACTI-SAMPLES SHALL BE TAKEN BY THE SYSTEM OPERATOR OR HIS REPRESENTATIVES. ANY AND ALL SAMPLING FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
16.

WATER SERVICE NOTES:

16.1.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING WATER METERS ALONG ALL STREETS WITHIN THE PROJECT AREA WHICH ARE NOTED FOR WATER MAIN CONSTRUCTION. SOME METERS MAY NOT HAVE BEEN LOCATED DURING THE DESIGN PHASE OF THIS PROJECT DUE TO FIELD CONDITIONS. HOWEVER, ALL METERS WITHIN THE PROJECT AREA SHALL BE RECONNECTED.

16.2.

UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONNECTING ANY SERVICE, WHICH IS PRESENTLY CONNECTED TO AN EXISTING WATER MAIN THAT IS NOTED FOR ABANDONMENT ON THIS PROJECT, TO AN ADJACENT PROPOSED WATER LINE (SEE PLAN SHEETS).

16.3.

A CRITERIA FOR THIS PROJECT IS TO ELIMINATE UNDER SIZED (UNDER 4" DIAMETER) WATER MAINS WITHIN THE PROJECT AREA. WATER SERVICES SHALL BE RECONNECTED TO AN ADJACENT EXISTING LARGE WATER MAIN (4" DIAMETER AND OVER).

16.4.

SERVICE CONNECTIONS SHALL INCLUDE (BUT MAY NOT BE LIMITED TO) TAPPING SADDLE, CORPORATION STOP, SERVICE LINE (LENGTH AS REQUIRED) OF MATCHING SIZE AND/OR ALL NECESSARY FITTINGS. SERVICE RECONNECTIONS SHALL BE PAID PER EACH AS OUTLINED IN THE BID DOCUMENTS. SERVICE CONNECTION SHALL INCLUDE CONNECTION TO THE MAIN AND THE CONNECTION TO NEW OR EXISTING WATER METERS.

16.5.

NEW SERVICE CONNECTIONS SHALL BE INSTALLED AS ONE CONTINUOUS PIPE FROM THE WATER MAIN TO THE METER. SPLICES SHALL NOT BE ALLOWED. THE ENTIRE SERVICE BETWEEN THE METER AND THE NEW MAIN SHALL BE REPLACED. SERVICE LINE BORES SHALL BE PAID SEPARATELY.

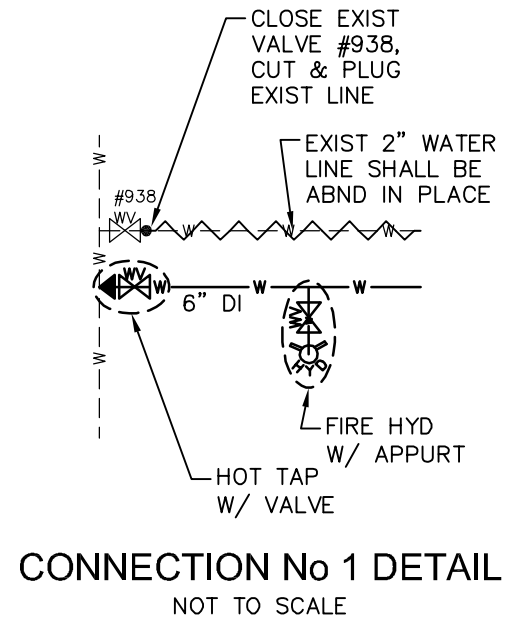
16.6.

METERS SHALL ONLY BE INSTALLED WHERE NOTED ON THE PLANS AND SHALL BE PAID SEPARATELY. METERS SHALL MATCH SERVICE LINE SIZE AND BE OF BRAND/TYPE SPECIFIED BY THE OWNER,

16.7.

THE CONTRACTOR SHALL TAKE NOTE THAT THERE ARE SERVICES SHOWN ON THE PLANS TO BE DISCONNECTED FROM EXISTING WATER MAINS AND RECONNECTED TO AN EXISTING WATER MAIN. THIS SERVICE CONNECTION ITEM SHALL BE PAID UNDER "RECONNECTION OF WATER SERVICE" AND SHALL INCLUDE TAPPING SADDLE, CORPORATION STOP, SERVICE LINE (LENGTH AS REQUIRED) OF MATCHING SIZE AND/OR ALL NECESSARY FITTINGS. SERVICE CONNECTION SHALL INCLUDE CONNECTION TO THE EXISTING MAIN AND THE CONNECTION TO THE EXISTING METER. THE ENTIRE SERVICE BETWEEN THE METER AND THE EXISTING MAIN SHALL BE REPLACED. SERVICE LINE BORES SHALL BE PAID SEPARATELY.

NO.	DATE	DESCRIPTION	BY
GENERAL NOTES			
INFRASTRUCTURE IMPROVEMENTS			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
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Date: 01-22-2018		Working No. GN1	
Drawing No.: 11254		Sheet No. 4	



CONTROL MONUMENT - 1
3/4" ROUND IRON PIN AT PROPERTY CORNER
N 665,559.65
E 823,731.33
22.8 FT LT STA. 11+51.64

MICHAEL CURTIS
OWNER
300 N 40TH AVENUE

MICHAEL CURTIS
OWNER
302 N 40TH AVENUE

SUZANNA DICKERSON
OWNER
304 N 40TH AVENUE

THOMAS &
LOUIS CONWAY
OWNERS
306 N 40TH AVENUE

MICHAEL CURTIS
OWNER
308 N 40TH AVENUE

MICHAEL CURTIS
OWNER
310 N 40TH AVENUE

MICHAEL CURTIS
OWNER
312 N 40TH AVENUE

MICHAEL CURTIS
OWNER
314 N 40TH AVENUE

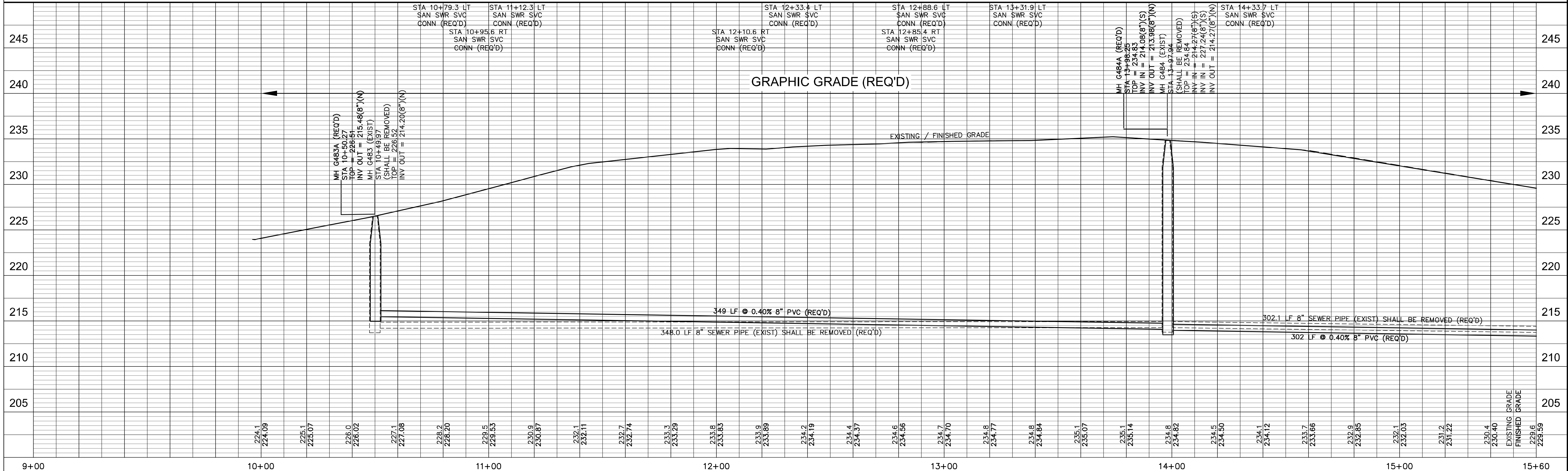
CONTROL MONUMENT - 2
3/4" ROUND IRON PIN AT PROPERTY CORNER
N 665,869.50
E 823,776.67
21.3 FT RT STA. 14+61.67

DEARMAN ALPINE
VILLAGE LLC
OWNER

MH G483A (REQ'D)
N 665,458.18
E 823,753.80
(48" DIA. MH)
STA 10+50.27
TOP = 226.51
INV OUT = 215.48(8")(N)

MH G484A (REQ'D)
N 665,806.18
E 823,752.29
(48" DIA. MH)
STA 13+98.25
TOP = 234.83
INV IN = 214.08(8")(S)
INV OUT = 213.98(8")(N)

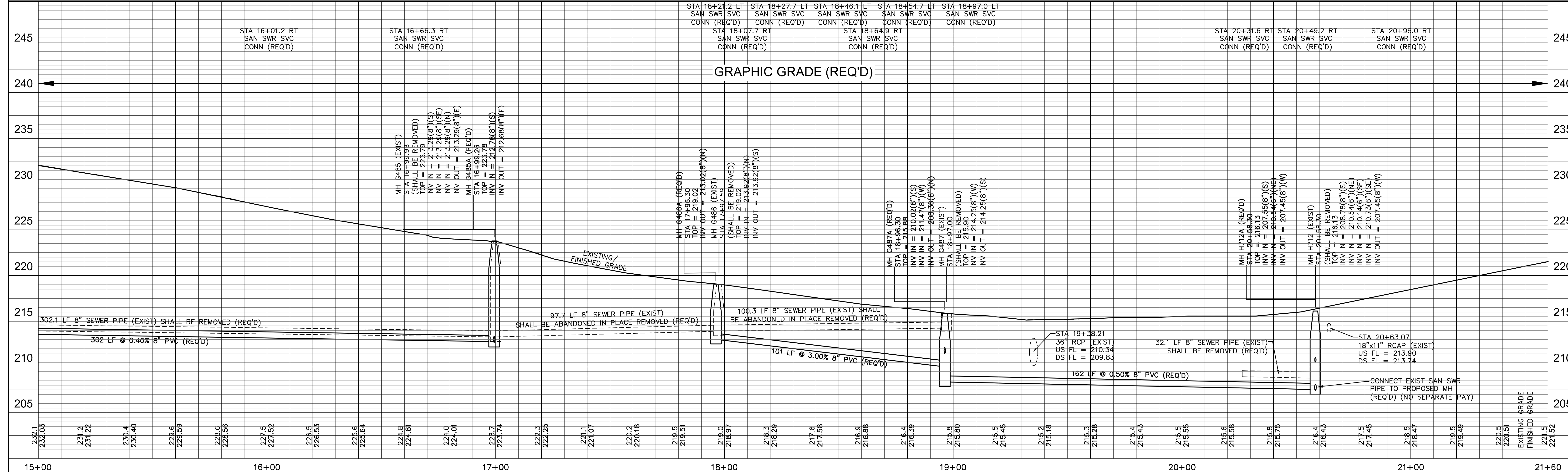
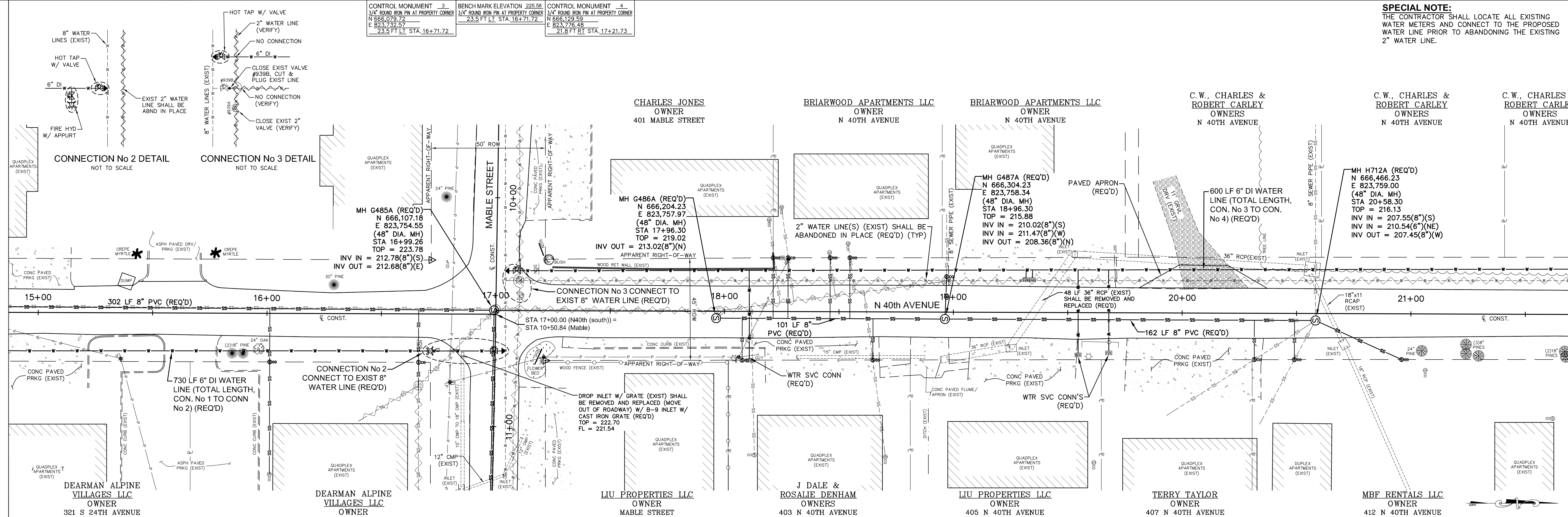
SPECIAL NOTE:
THE CONTRACTOR SHALL LOCATE ALL EXISTING WATER METERS AND CONNECT TO THE PROPOSED WATER LINE PRIOR TO ABANDONING THE EXISTING 2" WATER LINE.



N 40th AVENUE STA 9+00 - STA 15+60

INFRASTRUCTURE IMPROVEMENTS
HATTIESBURG, MISSISSIPPI

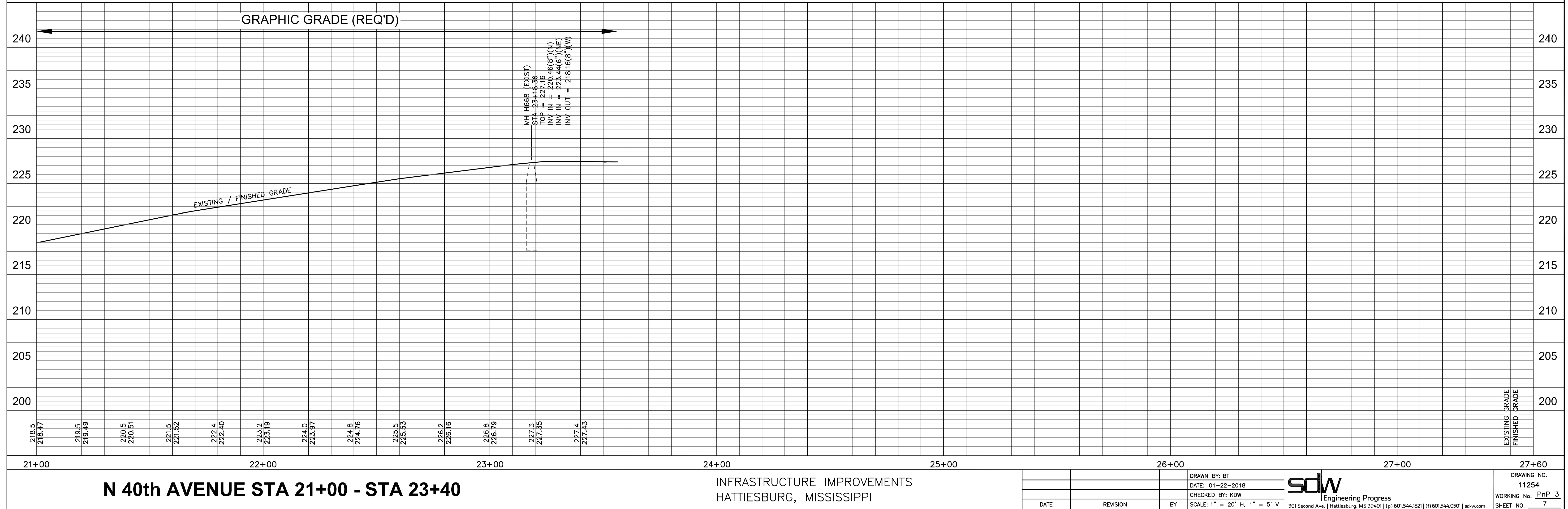
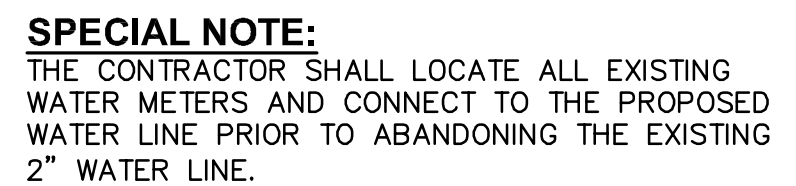
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			CHECKED BY: KDW		
DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V		

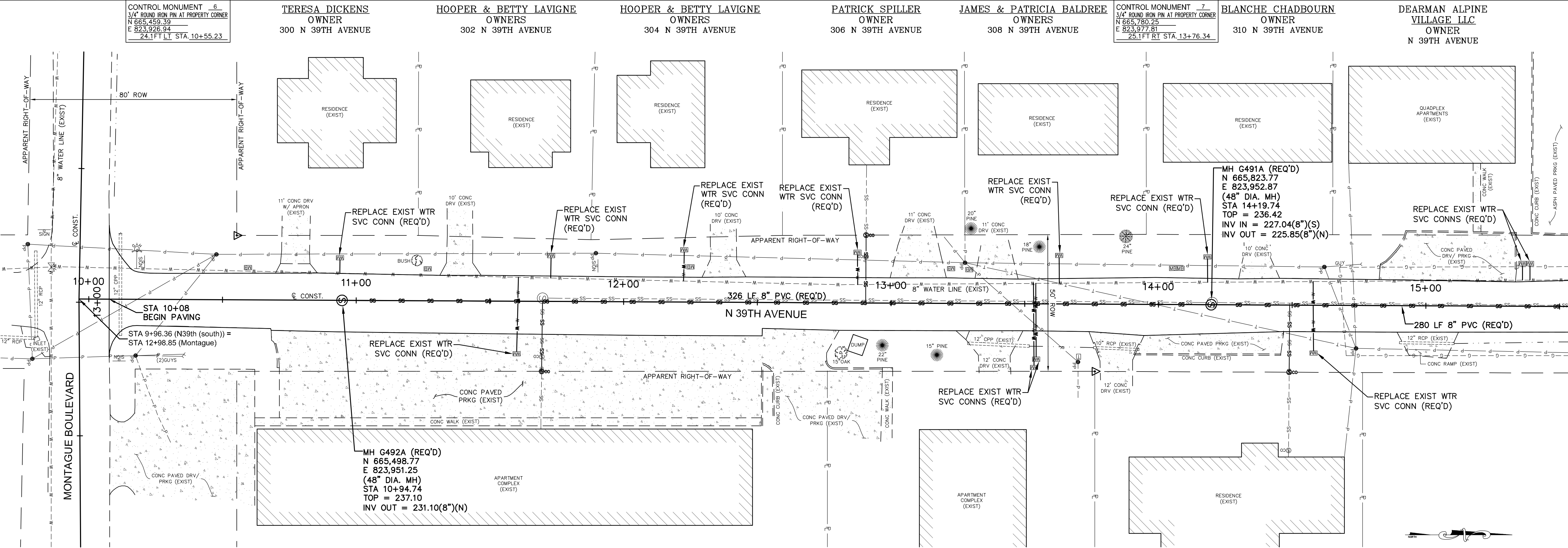


N 40th AVENUE STA 15+00 - STA 21+60

INFRASTRUCTURE IMPROVEMENTS
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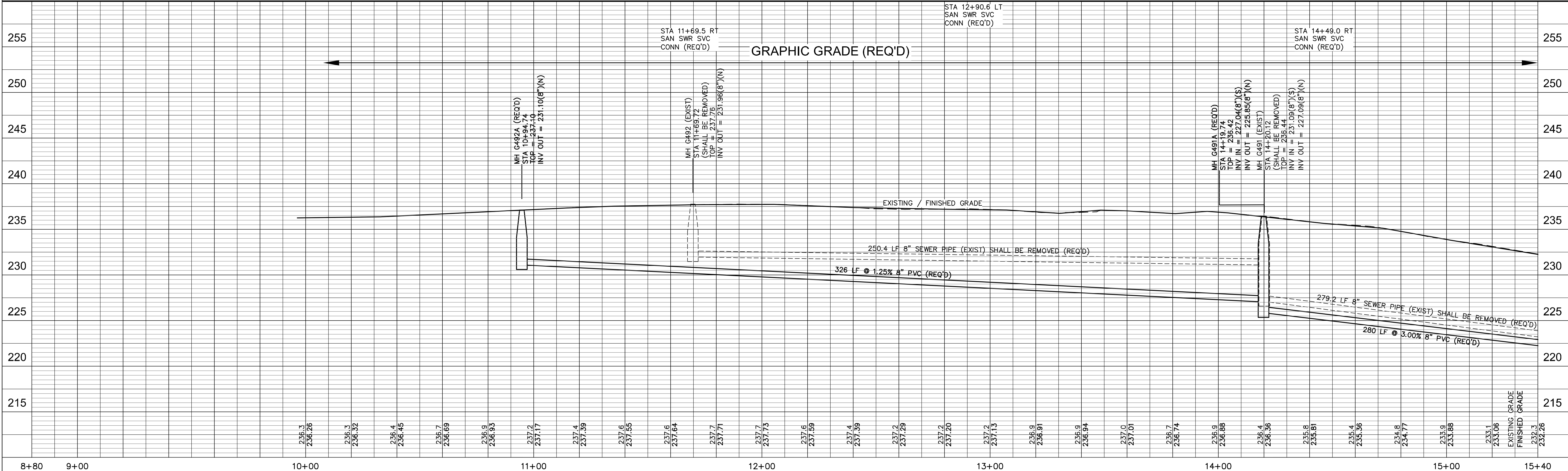
SPECIAL NOTE:
THE CONTRACTOR SHALL LOCATE ALL EXISTING
SEWER SERVICES AND CONNECT TO THE PROPOSED
SEWER MAIN.

CONCORD TOWNHOMES LLC
OWNER
MABLE STREET

MARY MAC INVESTMENTS LP
OWNER
N 39TH AVENUE

RONALD & ROSANNE WEST
OWNERS
309 N 39TH AVENUE

FLANAGAN CONSTRUCTION COMPANY
OWNER
311 N 39TH AVENUE



N 39th AVENUE STA 10+00 - STA 15+40

INFRASTRUCTURE IMPROVEMENTS
HATTIESBURG, MISSISSIPPI

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11254

WORKING No. PnP 4

SHEET NO. 8

BLANCHE CHADBOURN
OWNER
310 N 39TH AVENUE

DEARMAN ALPINE VILLAGE LLC
OWNER
N 39TH AVENUE

DEARMAN ALPINE VILLAGE LLC
OWNER
N 39TH AVENUE

CONTROL MONUMENT 8
3/4" ROUND IRON PIN AT PROPERTY CORNER
N 666.073.27
E 823.950.73
26.6 FT RT STA. 16+76.03

BENCH MARK ELEVATION 225.63
3/4" ROUND IRON PIN AT PROPERTY CORNER
N 666.073.27
E 823.950.73
26.6 FT RT STA. 16+76.03

LIU PROPERTIES INC
OWNER
3907 MABLE STREET

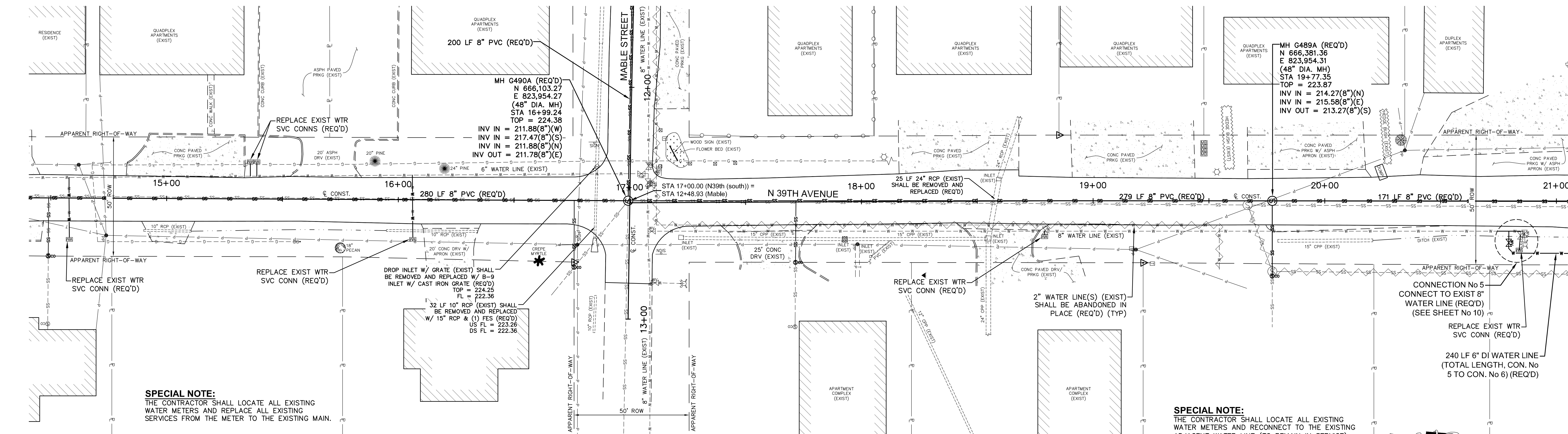
LIU PROPERTIES INC
OWNER
402 N 39TH AVENUE

CONTROL MONUMENT 9
3/4" ROUND IRON PIN AT PROPERTY CORNER
N 666.289.23
E 823.925.93
28.3 FT LT STA. 18+85.42

PAT & ELSIE PIERCE
OWNERS
404 N 39TH AVENUE

CAROUSEL APARTMENTS LLC
OWNER
N 39TH AVENUE

MBF RENTALS LLC
OWNER
412 N 39TH AVENUE



RONALD & ROSANNE WEST
OWNER
309 N 39TH AVENUE

FLANAGAN CONSTRUCTION COMPANY
OWNER
311 N 39TH AVENUE

ANTHONY MCDUFFIE
OWNER
3800 MABLE STREET

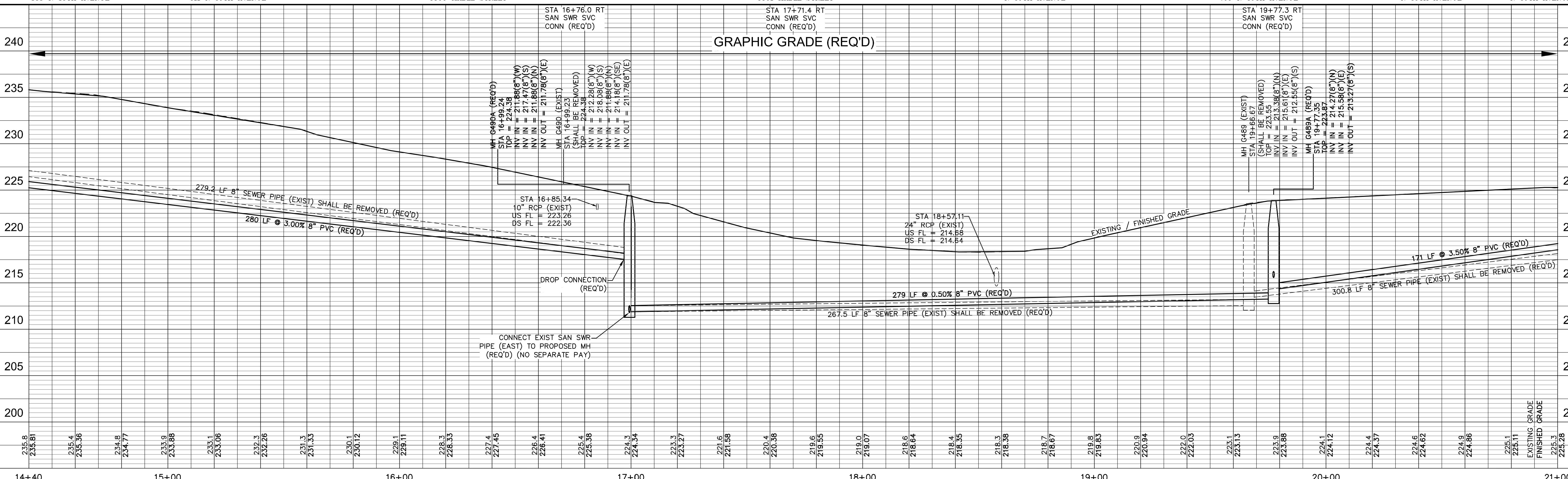
GOLDEN EAGLES LLC
OWNER
3801 MABLE STREET

K & N HATTIESBURG LLC
OWNER
N 39TH AVENUE

MAGNOLIA BLOOM LLC
OWNER
409 N 39TH AVENUE

MAGNOLIA BLOOM LLC
OWNER
N 39TH AVENUE

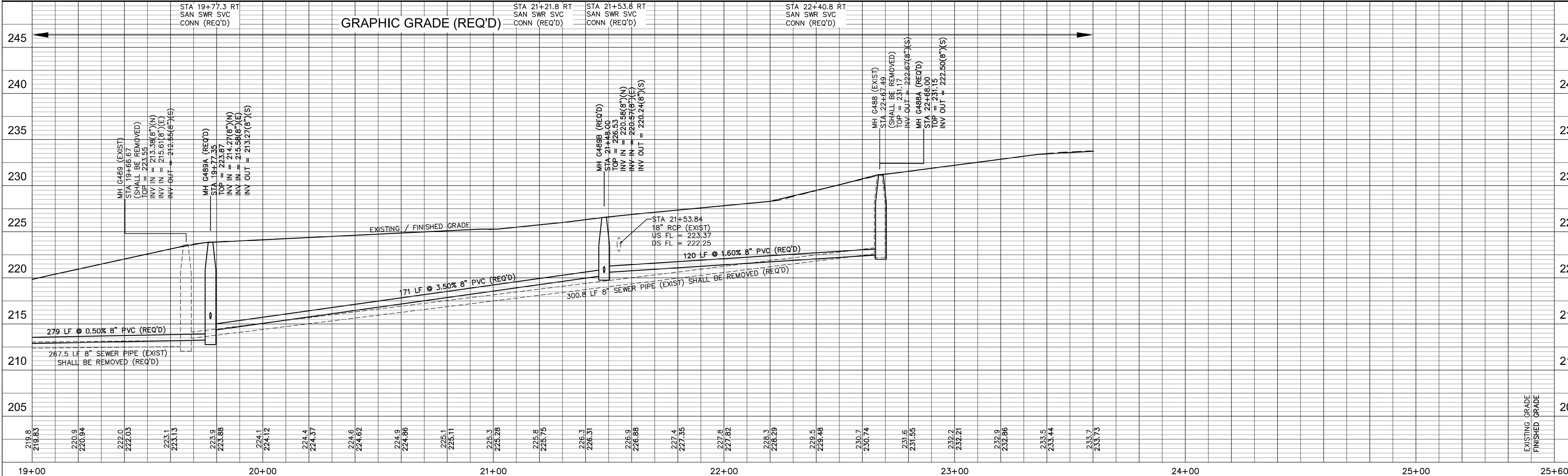
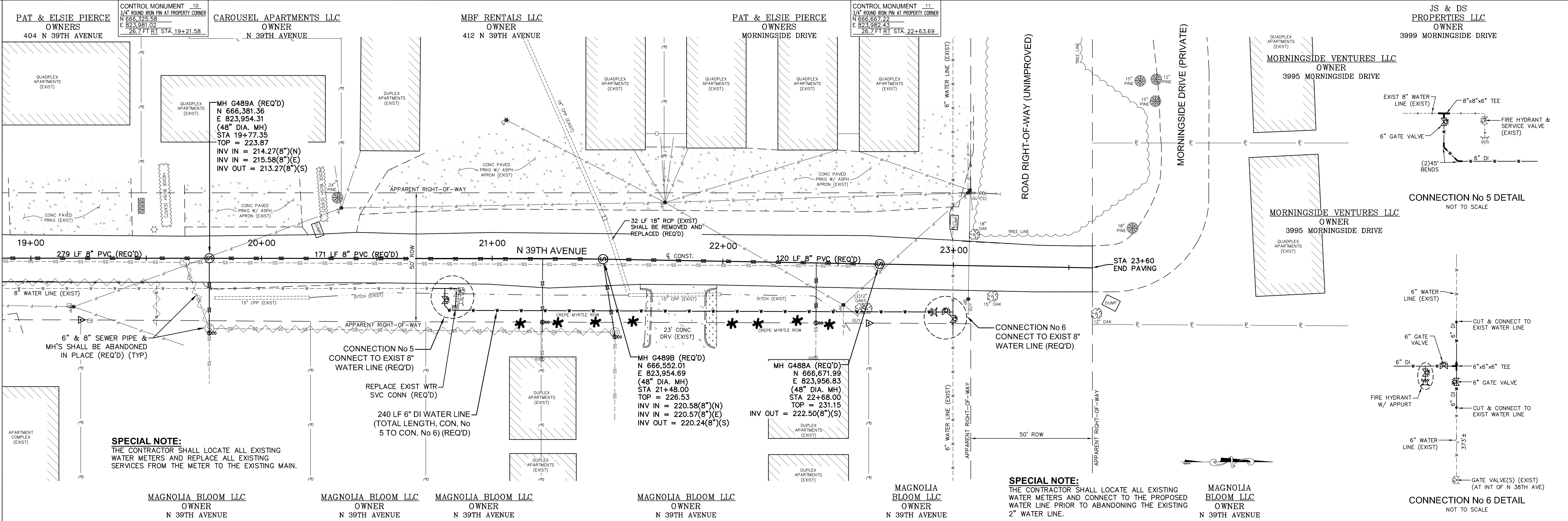
MAGNOLIA BLOOM LLC
OWNER
N 39TH AVENUE



N 39th AVENUE STA 14+40 - STA 21+00

INFRASTRUCTURE IMPROVEMENTS
HATTIESBURG, MISSISSIPPI

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DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V



N 39th AVENUE STA 19+00 - STA 25+60

INFRASTRUCTURE IMPROVEMENTS
HATTIESBURG, MISSISSIPPI

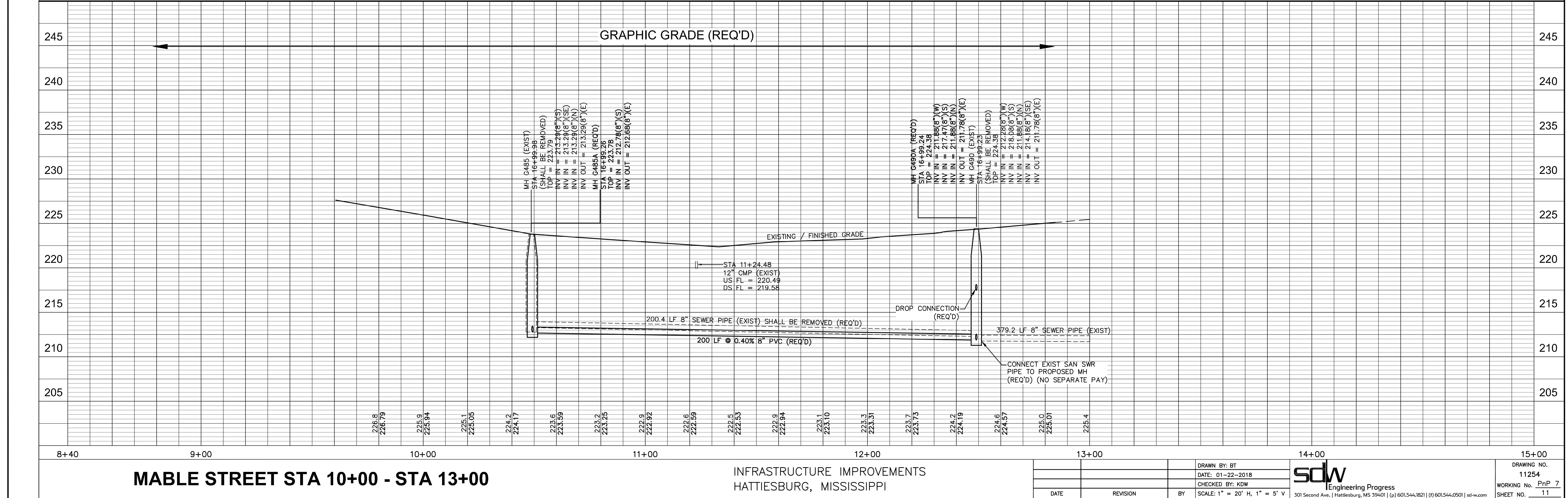
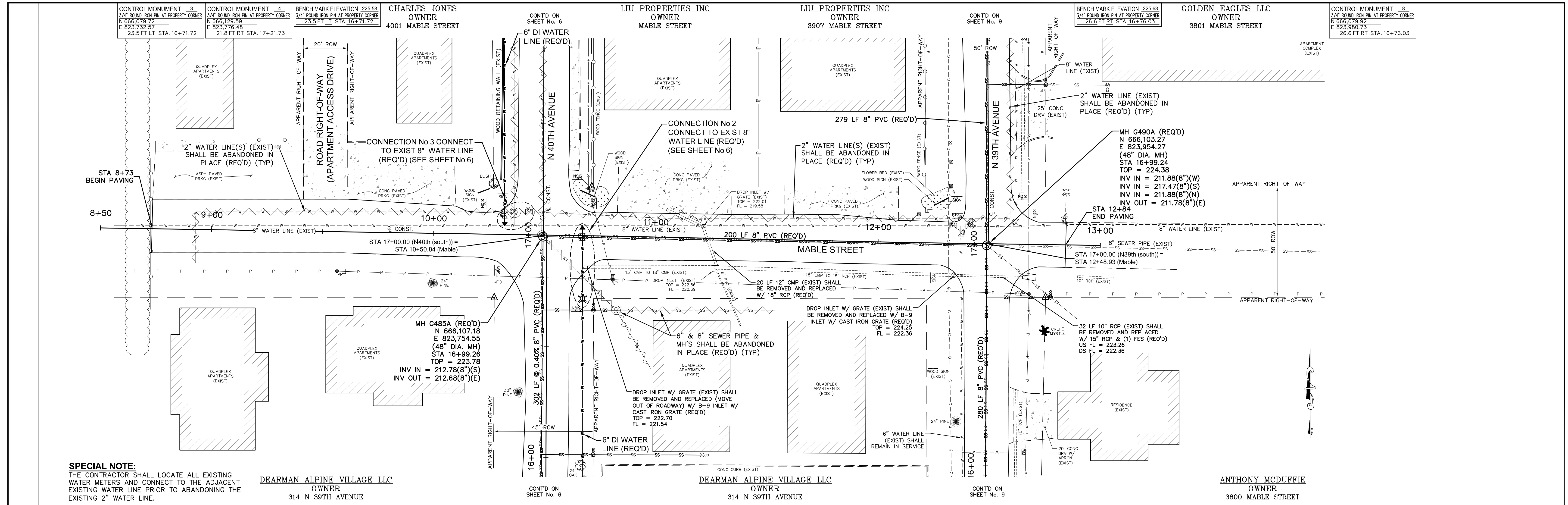
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Engineering Progress

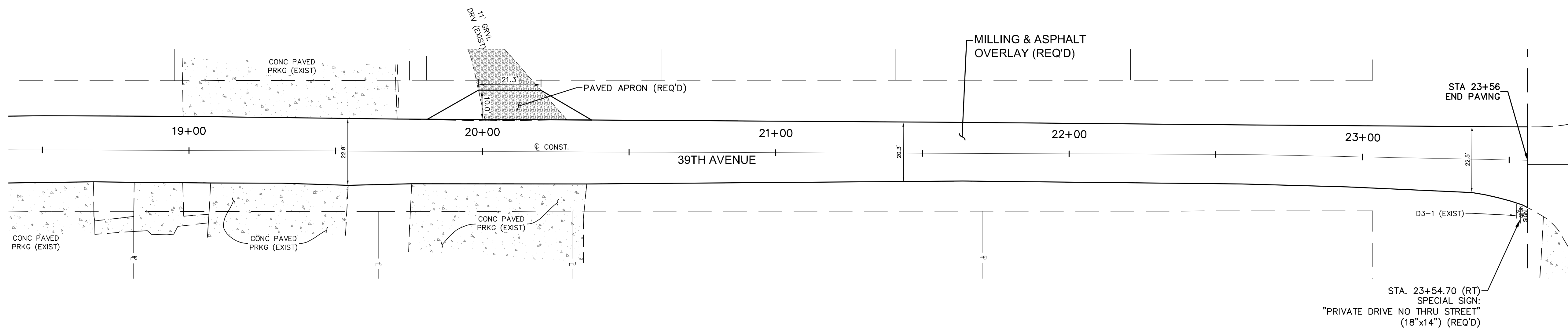
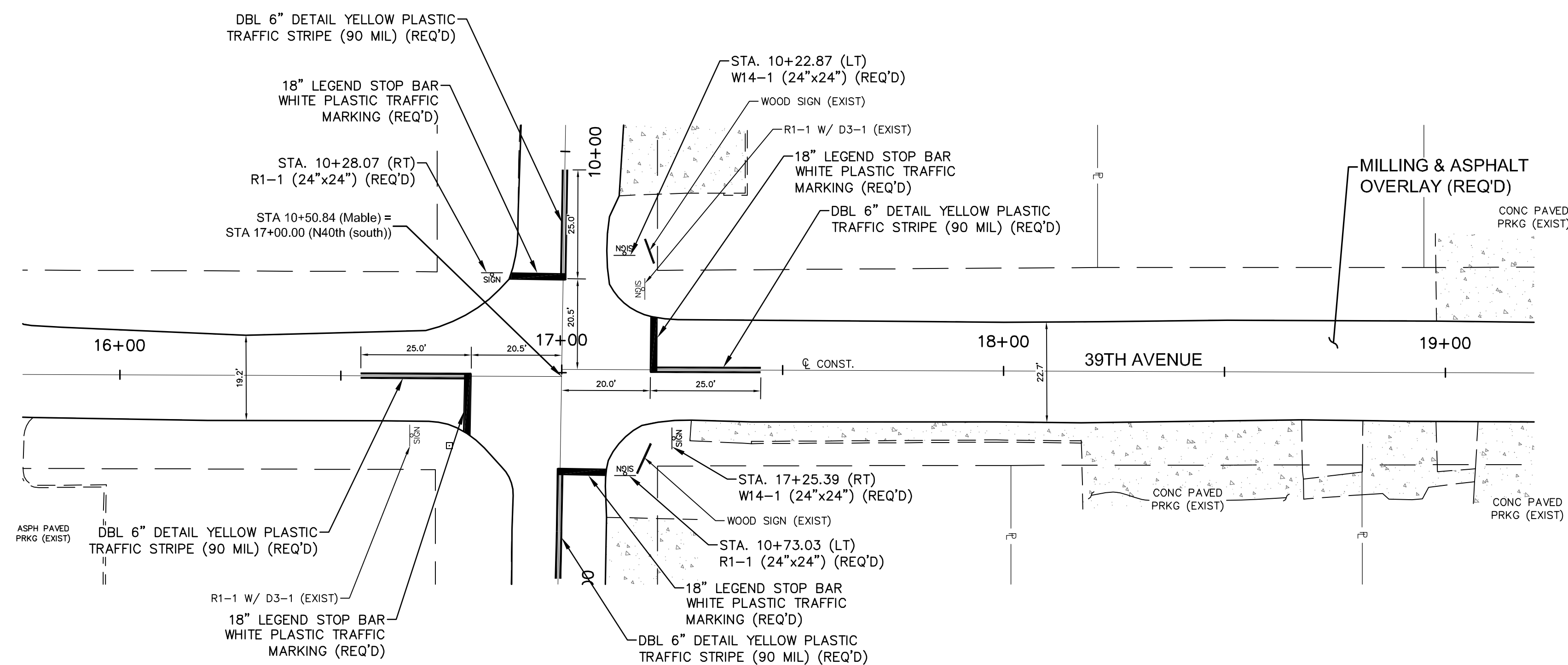
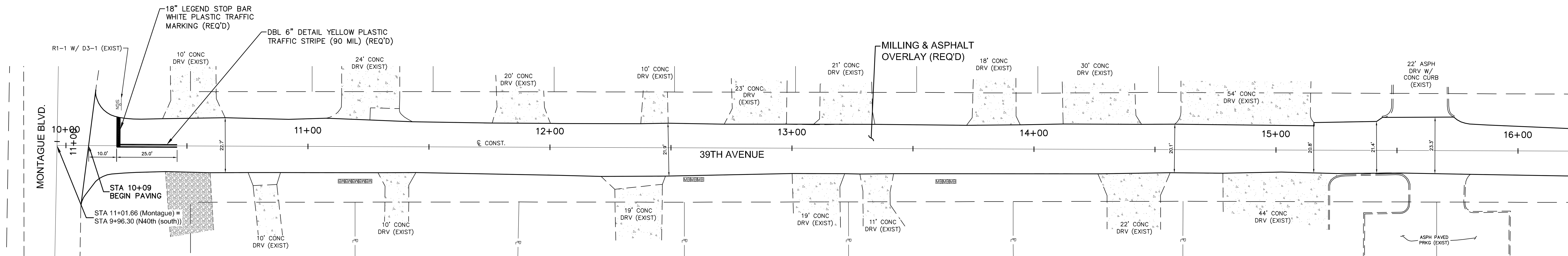
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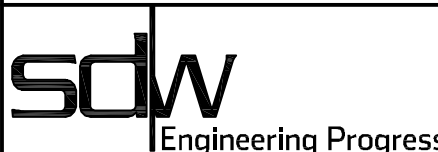
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SHEET No.	10

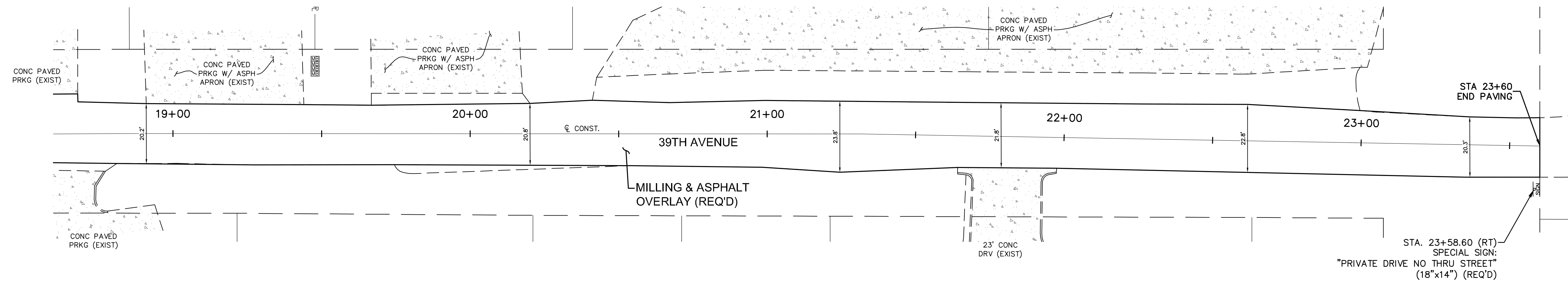
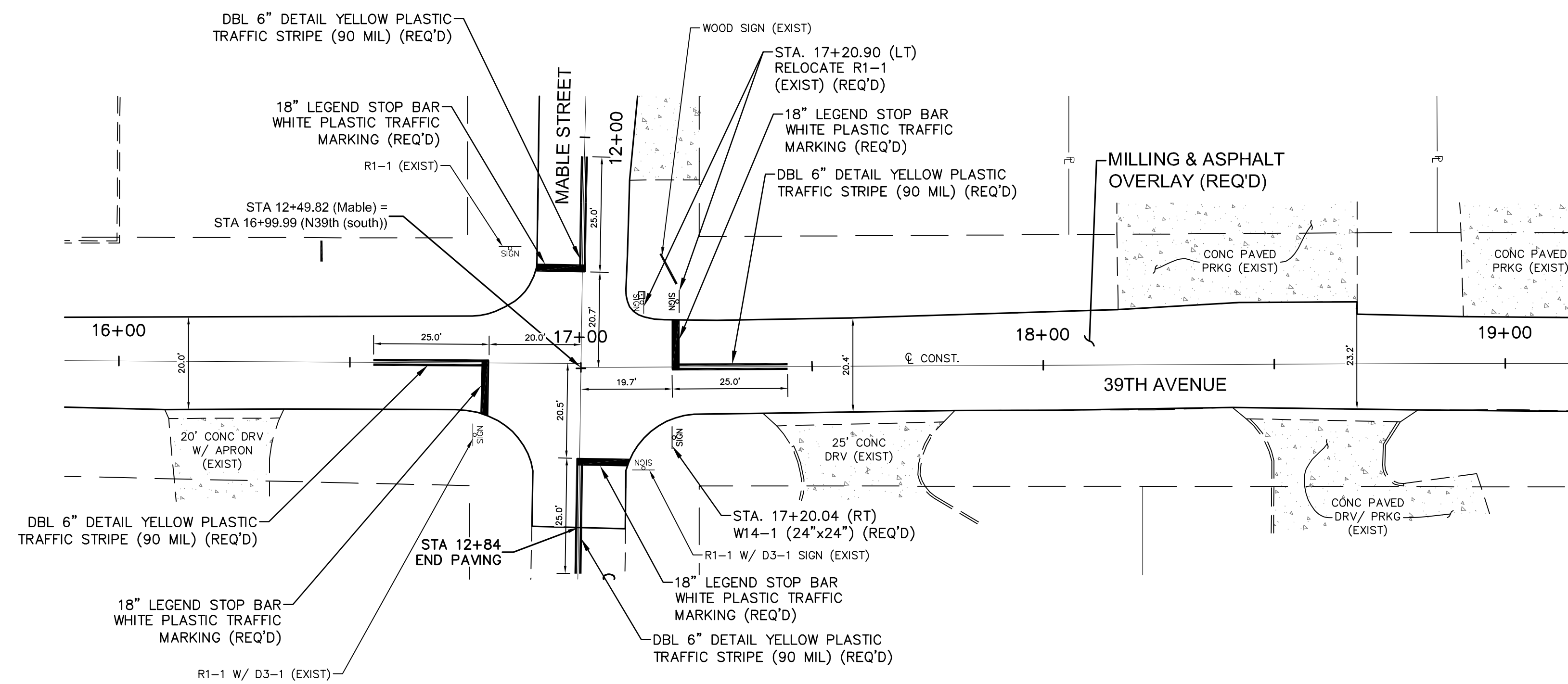
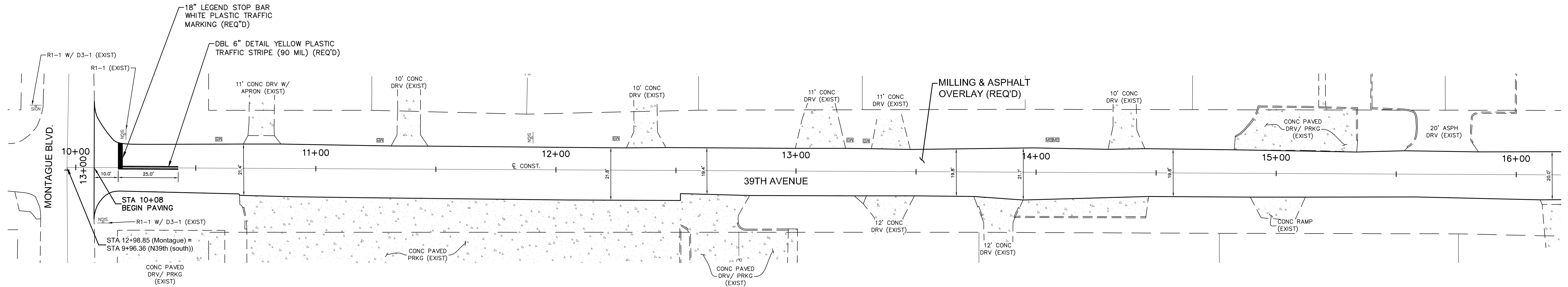


MABLE STREET STA 10+00 - STA 13+00

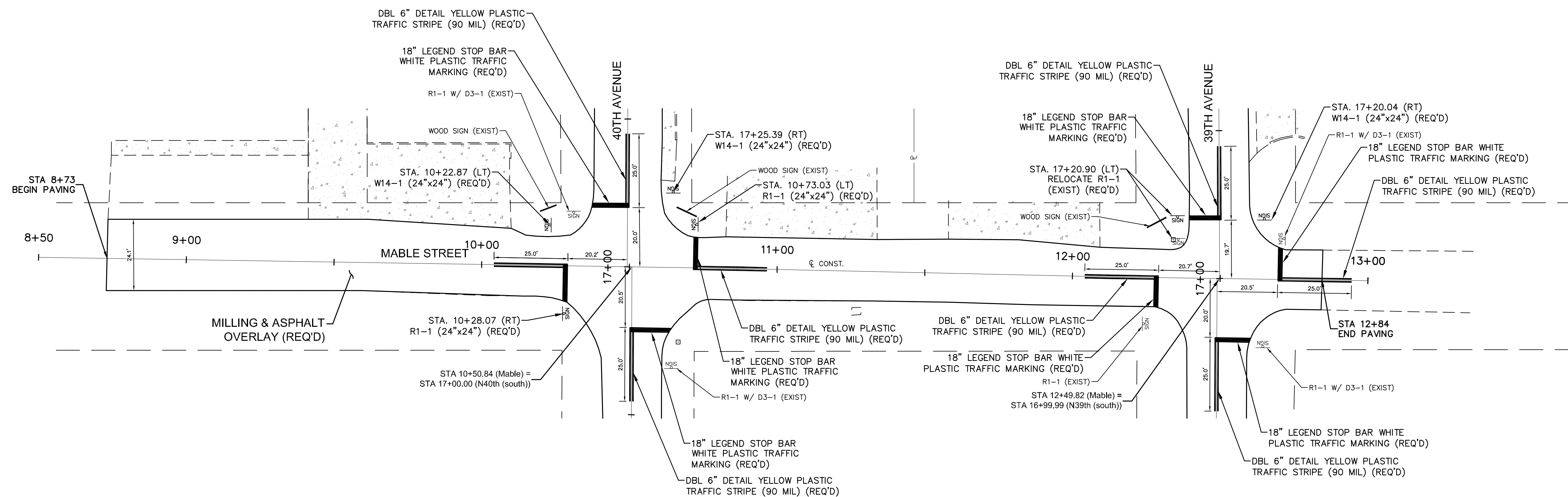
INFRASTRUCTURE IMPROVEMENTS
HATTIESBURG, MISSISSIPPI



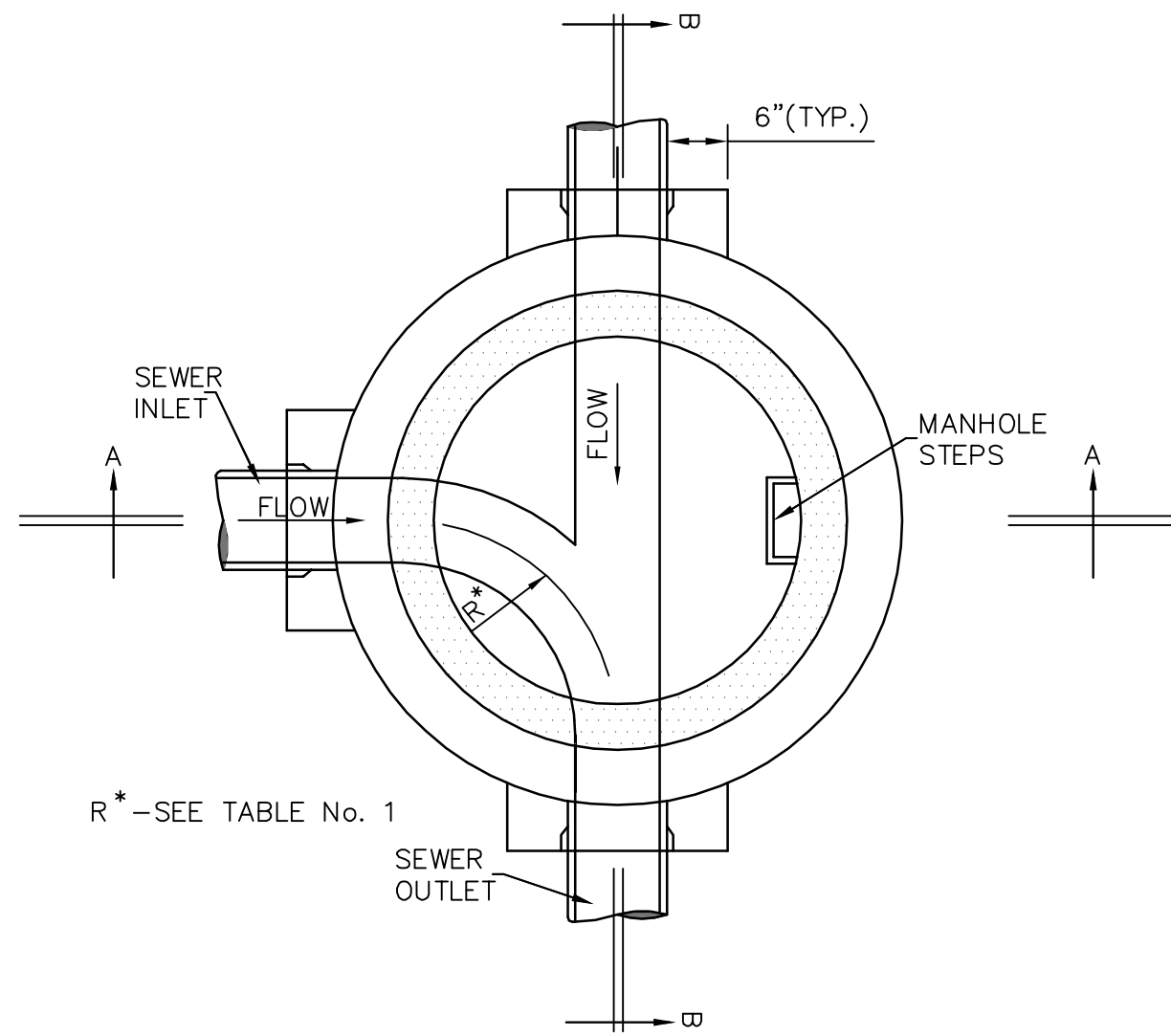
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PAVING AND MARKING PLAN			
INFRASTRUCTURE IMPROVEMENTS			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
			
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Drawing No.: 11254		Sheet No. <u>12</u>	



NO.	DATE	DESCRIPTION	BY
PAVING AND MARKING PLAN			
INFRASTRUCTURE IMPROVEMENTS			
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FORREST COUNTY, MISSISSIPPI			
sdw Engineering Progress			
301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
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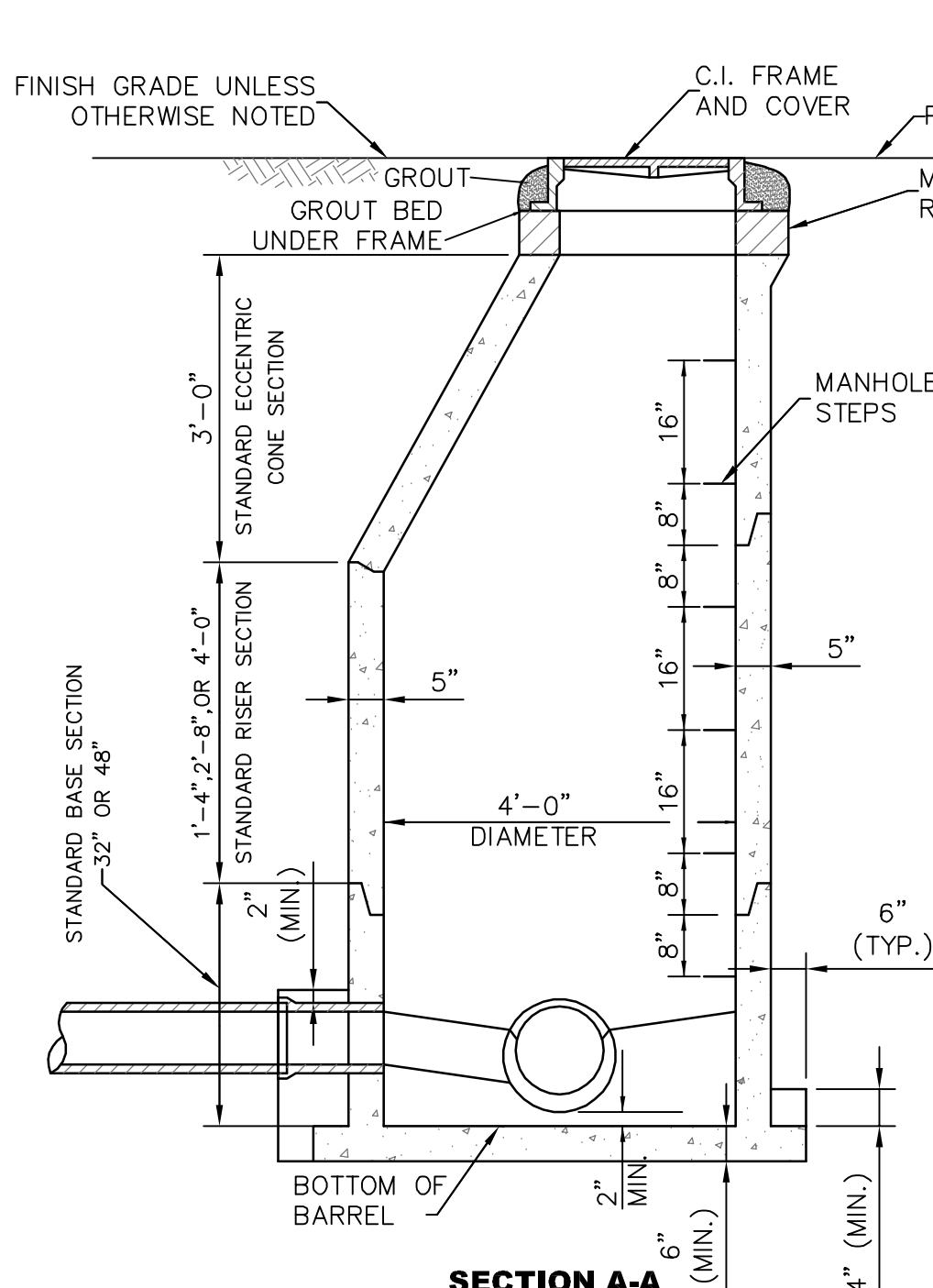


NO.	DATE	DESCRIPTION	BY
PAVING AND MARKING PLAN			
INFRASTRUCTURE IMPROVEMENTS			
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FORREST COUNTY, MISSISSIPPI			
sdw Engineering Progress 301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
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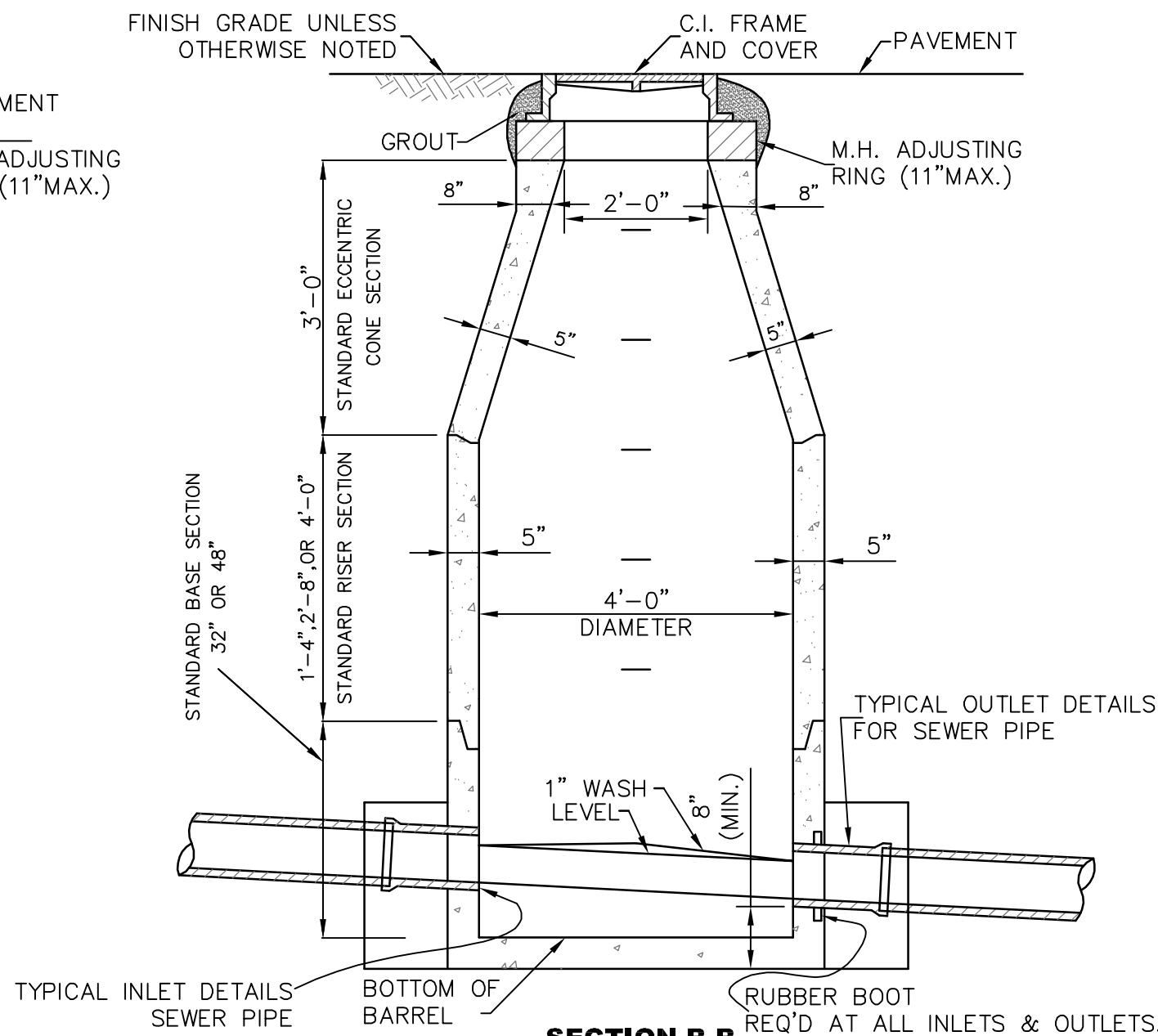


SECTIONAL PLAN
STANDARD PRECAST 4'-0" DIAMETER MANHOLE

NOTE: 5'-0" & 6'-0" DIAMETER MANHOLE MAY BE SIMILAR DESIGN IF APPROVED BY THE ENGINEER. SHOWN WITH CLAY OR CONCRETE PIPE

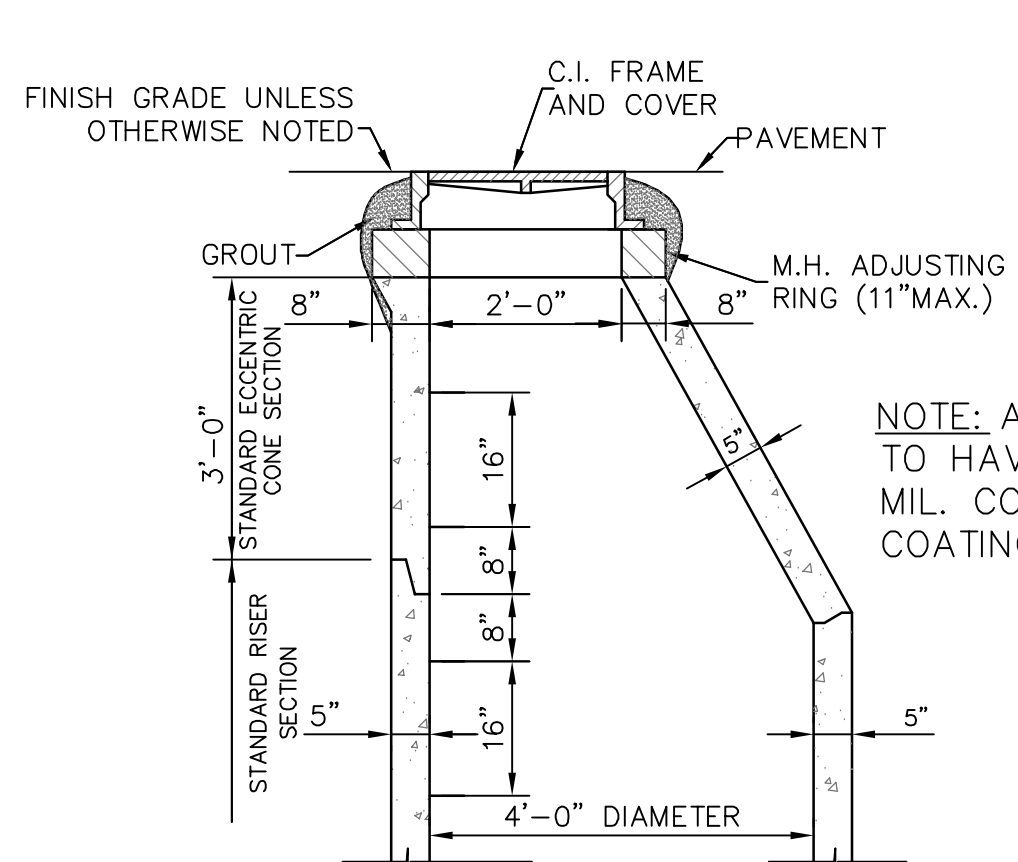


SECTION A-A
SHOWN WITH MANHOLE BOTTOM-PRECAST

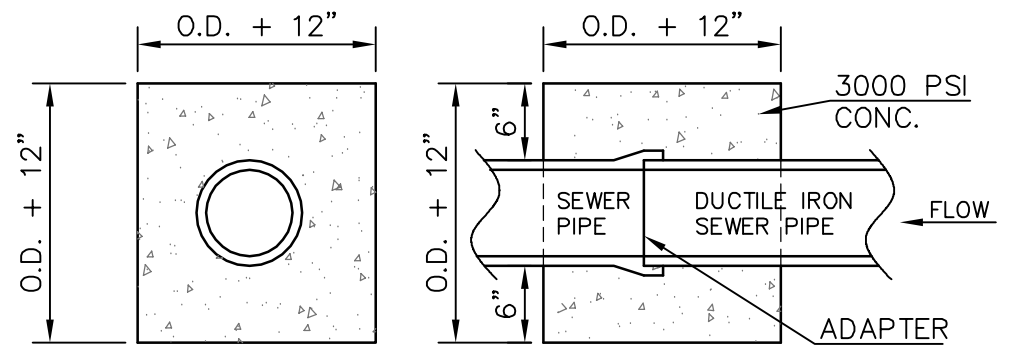


SECTION B-B
SHOWN WITH MANHOLE BOTTOM CAST-IN-PLACE

NOTE: CAST-IN-PLACE MANHOLE BOTTOMS SHALL HAVE #4 BARS 12" O.C.E.W. 4" ABOVE BOTTOM OF SLAB EXTENDING TO 3" OF EDGE OF SLAB. CAST-IN-PLACE BOTTOMS SHALL BE A MIN. OF 8" THICK.

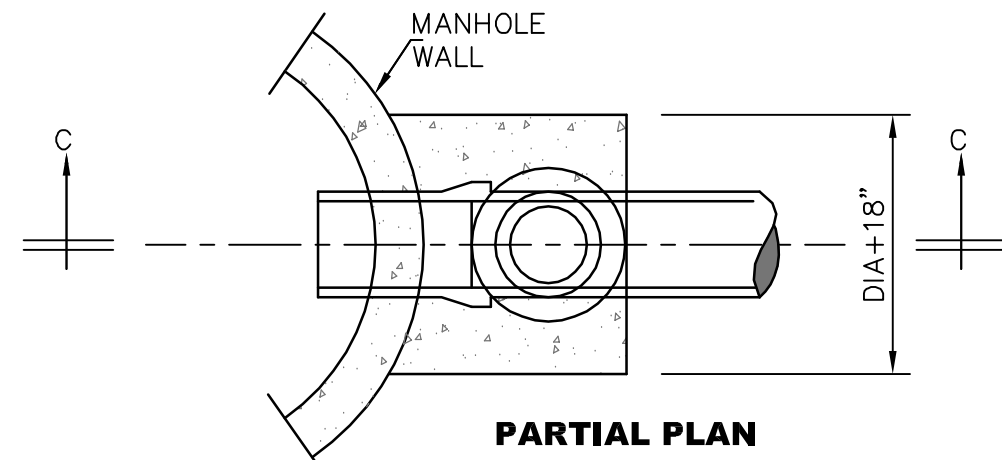


STANDARD ECCENTRIC CONE
FOR ALL DIAMETER MANHOLES



TYPICAL SEWER PIPE
CONNECTION TO SAME SIZE
DUCTILE IRON SEWER PIPE

NOTE: DROP MANHOLE ASSEMBLY TO BE FORMED AND POURED USING 3,000psi CONC.



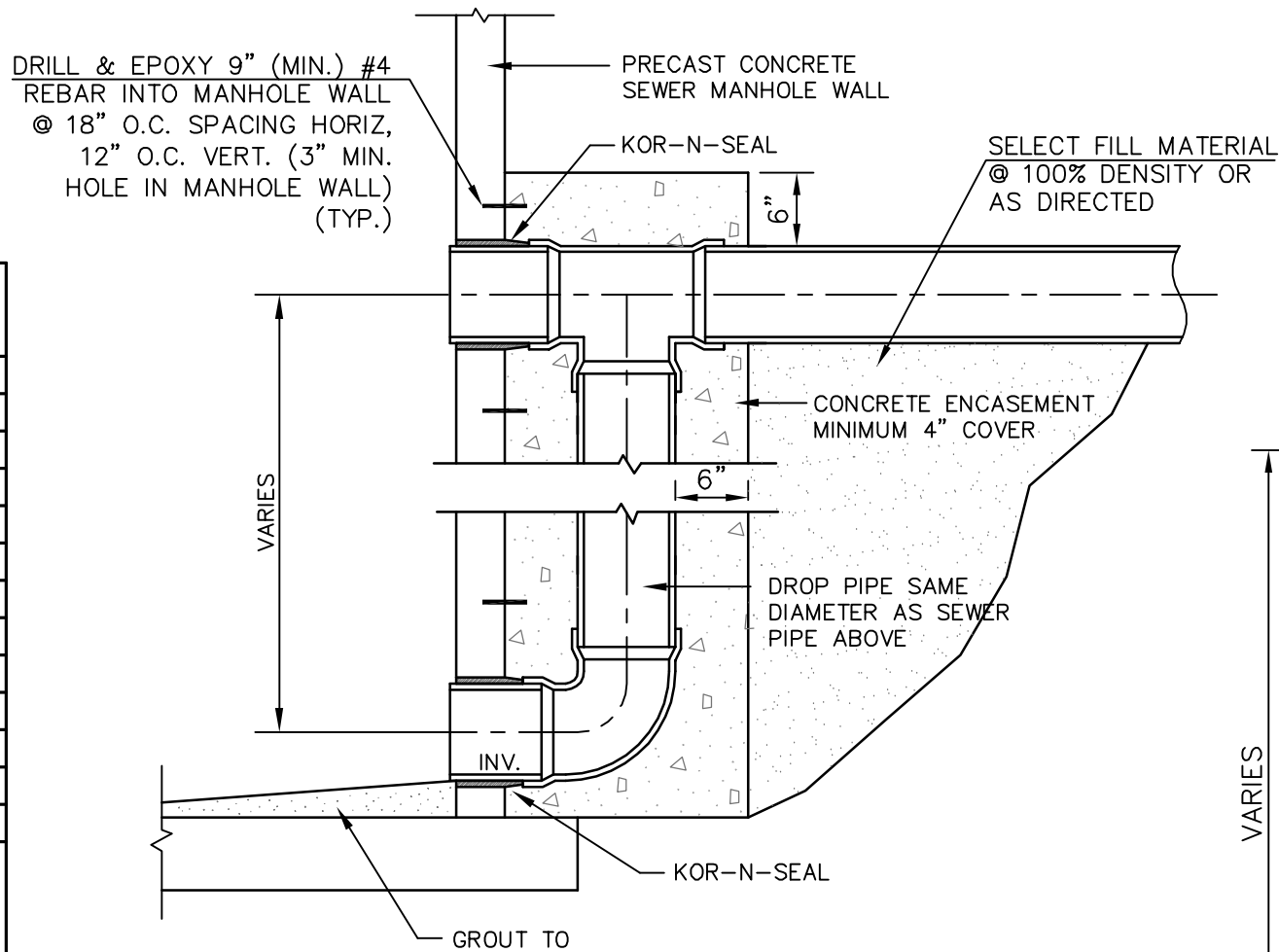
TYPICAL DROP MANHOLE ASSEMBLY

NOTE:

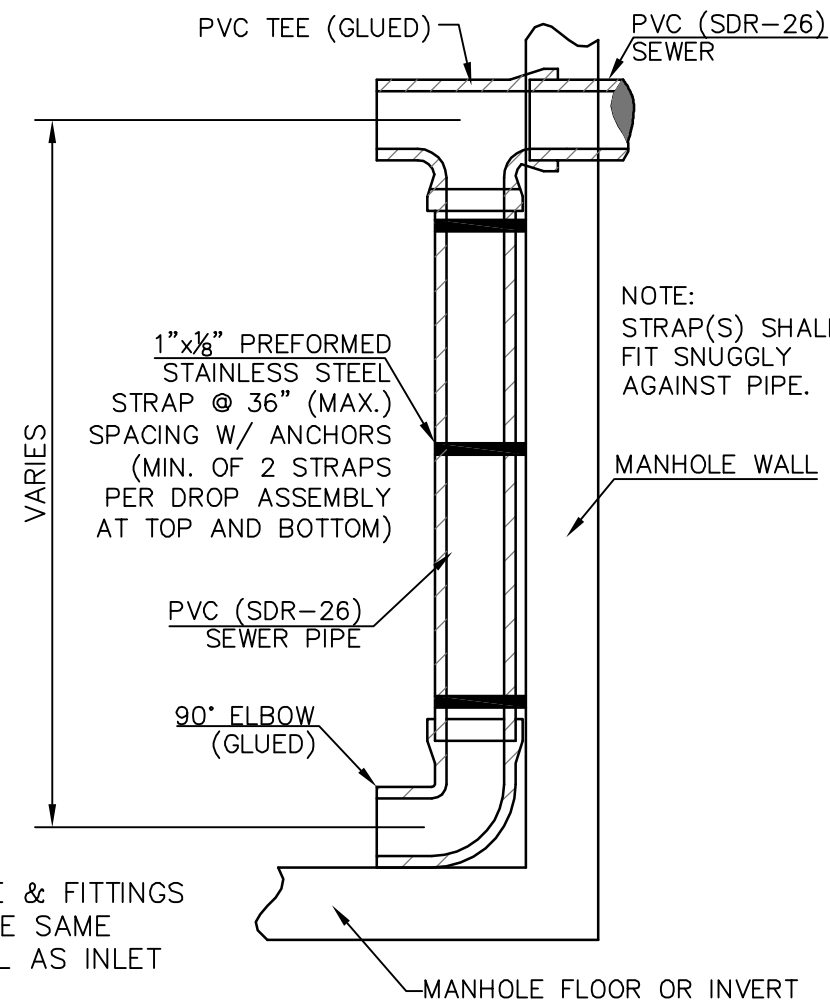
ALL MANHOLES SHALL BE STANDARD PRECAST WITH EXTENDED BASES, UNLESS OTHERWISE DIRECTED. FLEXIBLE INLET AND OUTLET CONNECTION BOOTS REQUIRED ON ALL PIPES AND FORCE MAINS.

TABLE NO. 1 GOVERNING DIMENSIONS FOR MANHOLES				
PIPE SIZE	Ø ANGLE	MIN. BASE DIAMETER	"R"*	
8" THRU 12"	0° TO 90°	4'	1'-6"	
15"	0° TO 60°	5'	1'-10"	
15"	60° TO 90°	5'	1'-10"	
18"	0° TO 90°	5'	2'-3"	
18"	60° TO 90°	5'	1'-10"	
21"	0° TO 90°	5'	2'-7"	
21"	60° TO 90°	5'	2'-4"	
24"	0° TO 45°	6'	3'-0"	
24"	45° TO 90°	6'	2'-3"	
30"	0° TO 60°	6'	3'-9"	
30"	60° TO 90°	6'	2'-8"	
36"	0° TO 30°	7'	4'-6"	
36" AND LARGER	0° TO 90°	CAST IN PLACE MANHOLE BASE OR PRE-BED PIPE M.H. BASE AND ELBOW UNITS.		

* SEE SECTIONAL PLAN, STD. PRECAST MANHOLE



DETAIL "B"
SECTION C-C

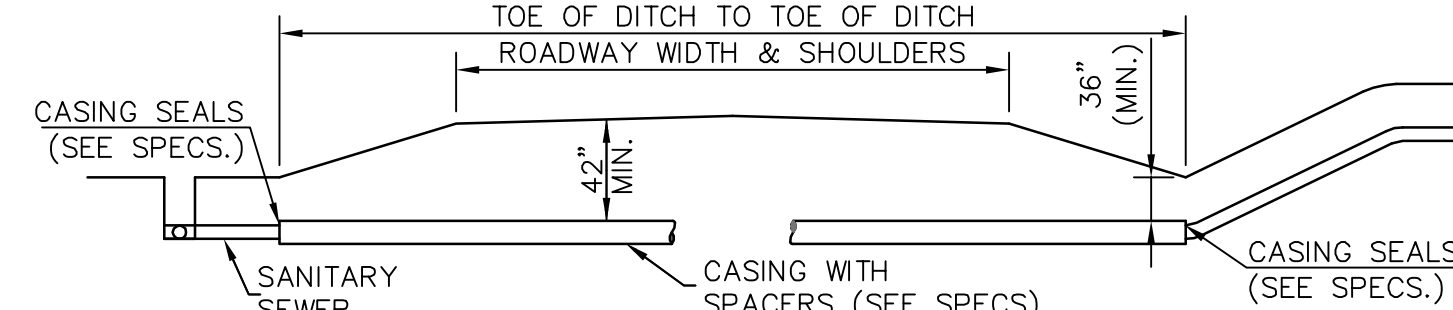


DETAIL "A"
SECTION C-C

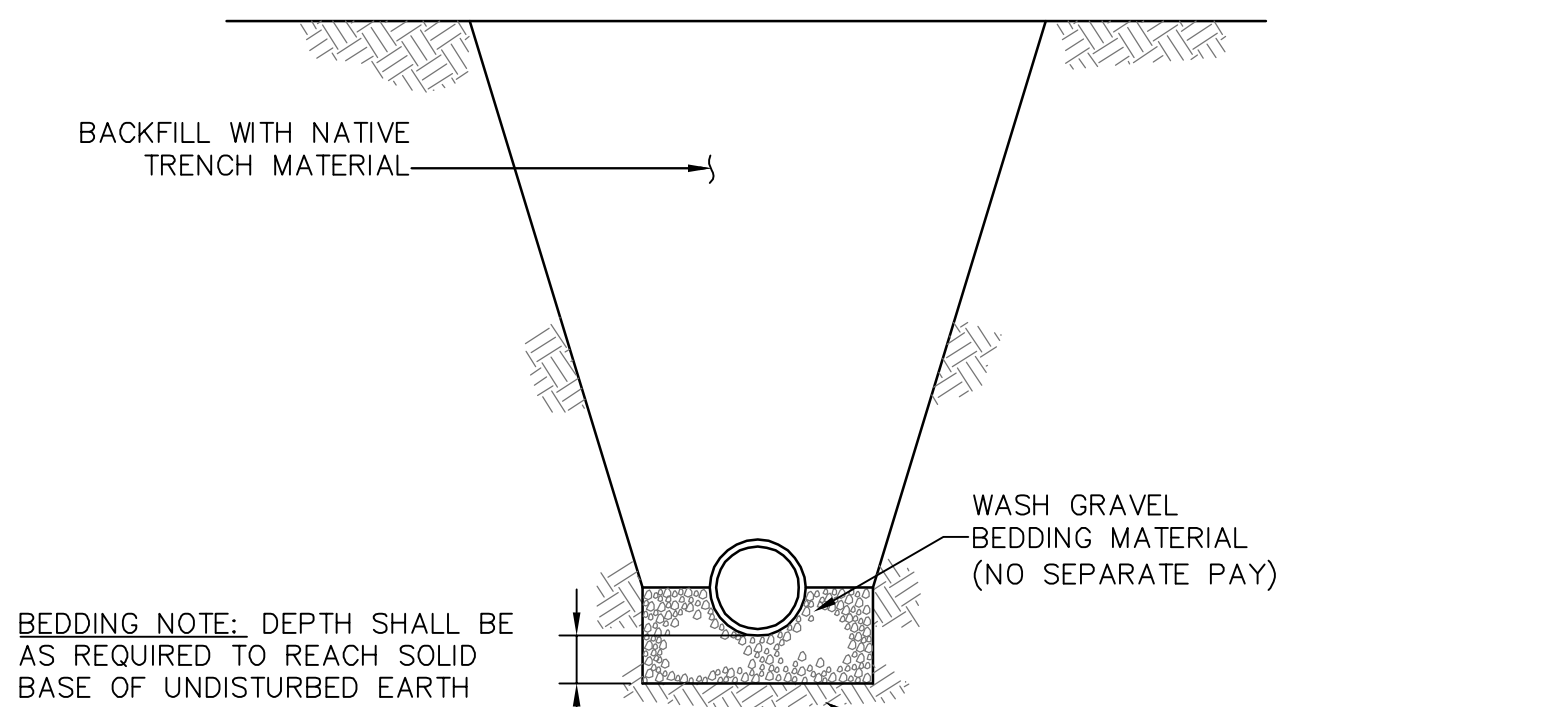
TYPICAL DROP MANHOLE ASSEMBLY

- NOTES:
1. USE DETAIL "A" ONLY WHERE SINGLE DROP ASSEMBLY IS REQ'D. FOR MULTIPLE DROPS USE DETAIL "B" SHOWN ELSEWHERE ON THIS SHEET FOR 48" MANHOLE. FOR MULTIPLE DROP ASSEMBLIES IN LARGER MANHOLES, DROPS SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
 2. ALL HARDWARE SHALL BE STAINLESS STEEL.
 3. ALL APPURTENANCES SHALL BE INCLUDED IN BID PRICE FOR DROP ASSEMBLIES.

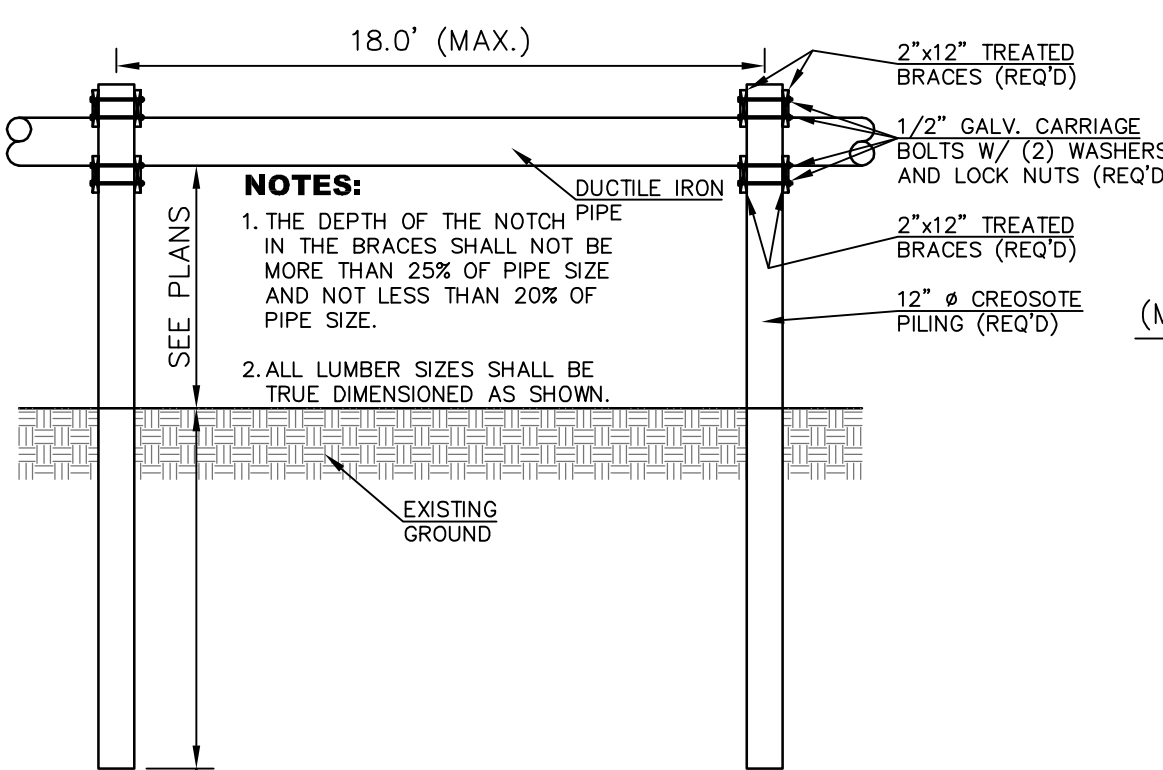
NOTE: ALL TESTING TO BE THE RESPONSIBILITY OF THE CONTRACTOR. (NO SEPARATE PAY)



ROAD BORE DETAIL

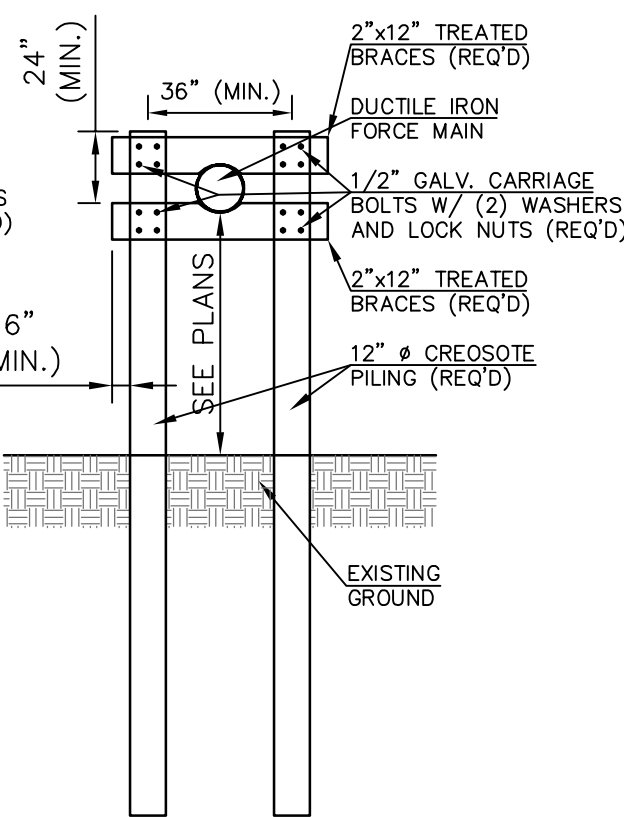


TYPICAL TRENCH DETAIL
(NON PAVED AREA)



SIDE VIEW

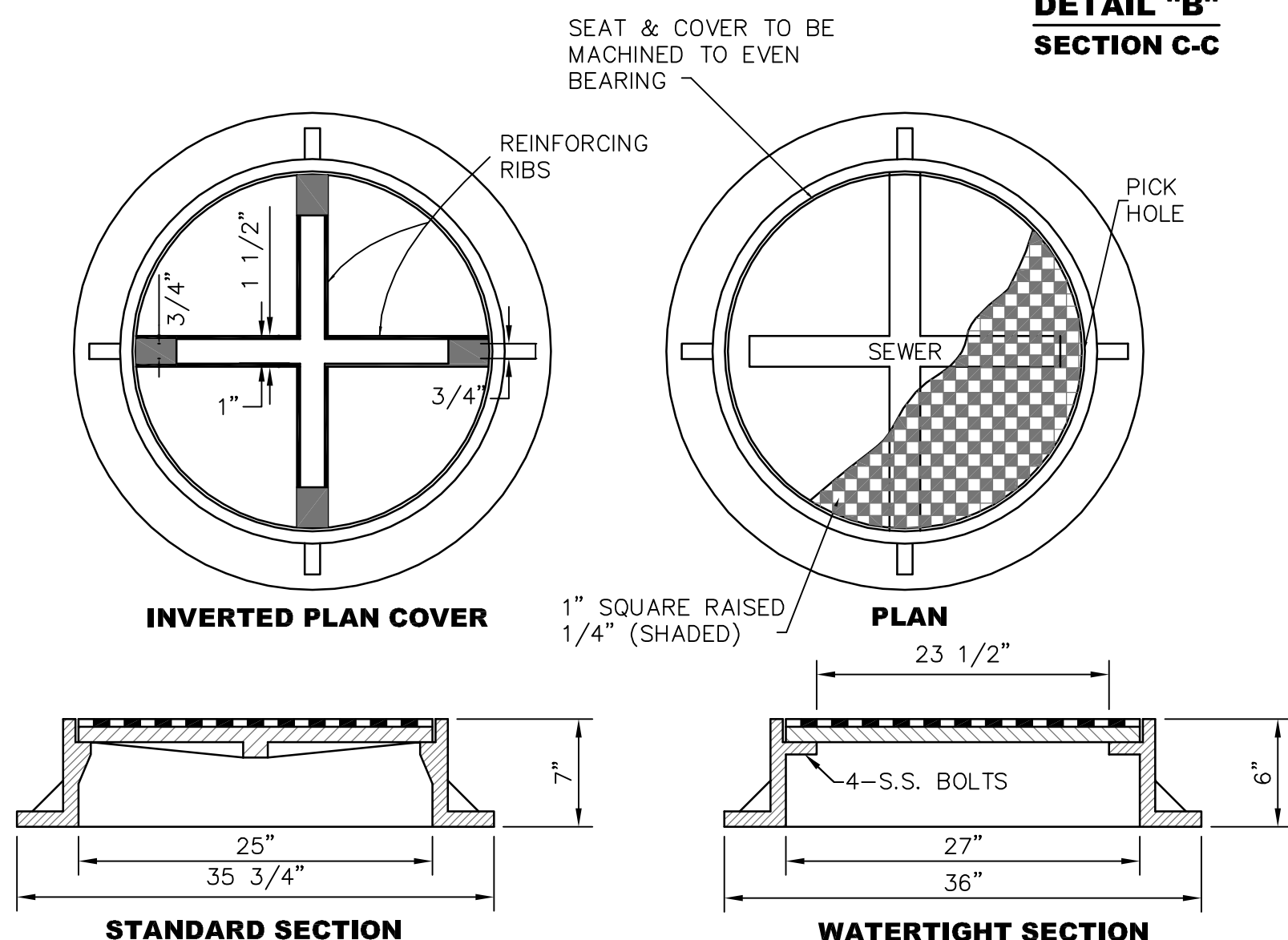
TREATED WOOD PIPE PIERS



FRONT VIEW

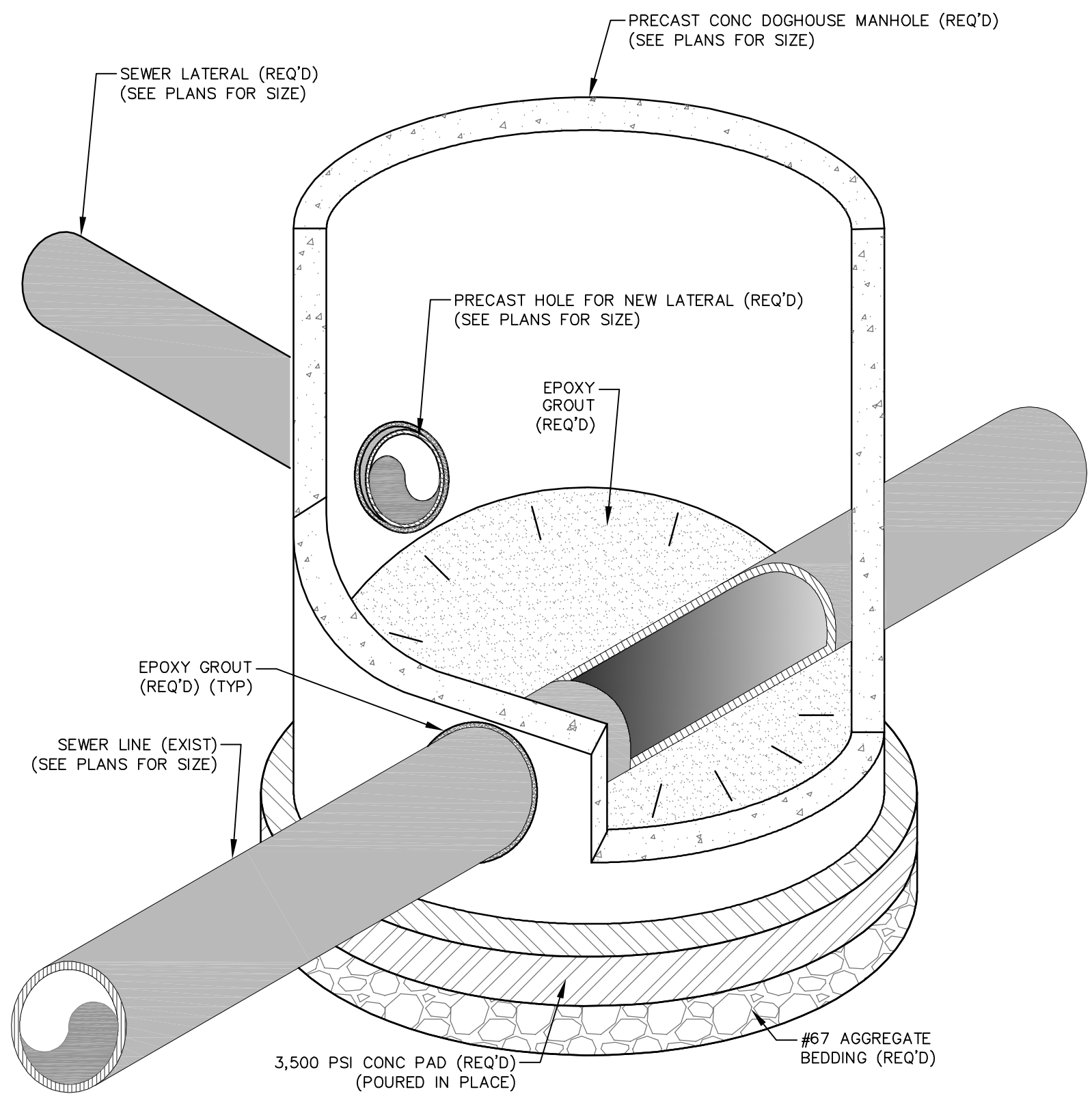
GENERAL NOTES:

1. ALL ELEMENTS SHALL CONFORM TO PRECAST MANHOLE SPECIFICATION. A.S.T.M. C-478 LATEST REVISION.
2. PRECAST CONCRETE RINGS SHALL BE USED TO BRING MANHOLE FRAME AND COVER TO GRADE USE (11" MAX. RISE).
3. MANHOLES IN PAVED AREAS SHALL BE FURNISHED WITH ADJUSTING RINGS.



STANDARD MANHOLE COVERS

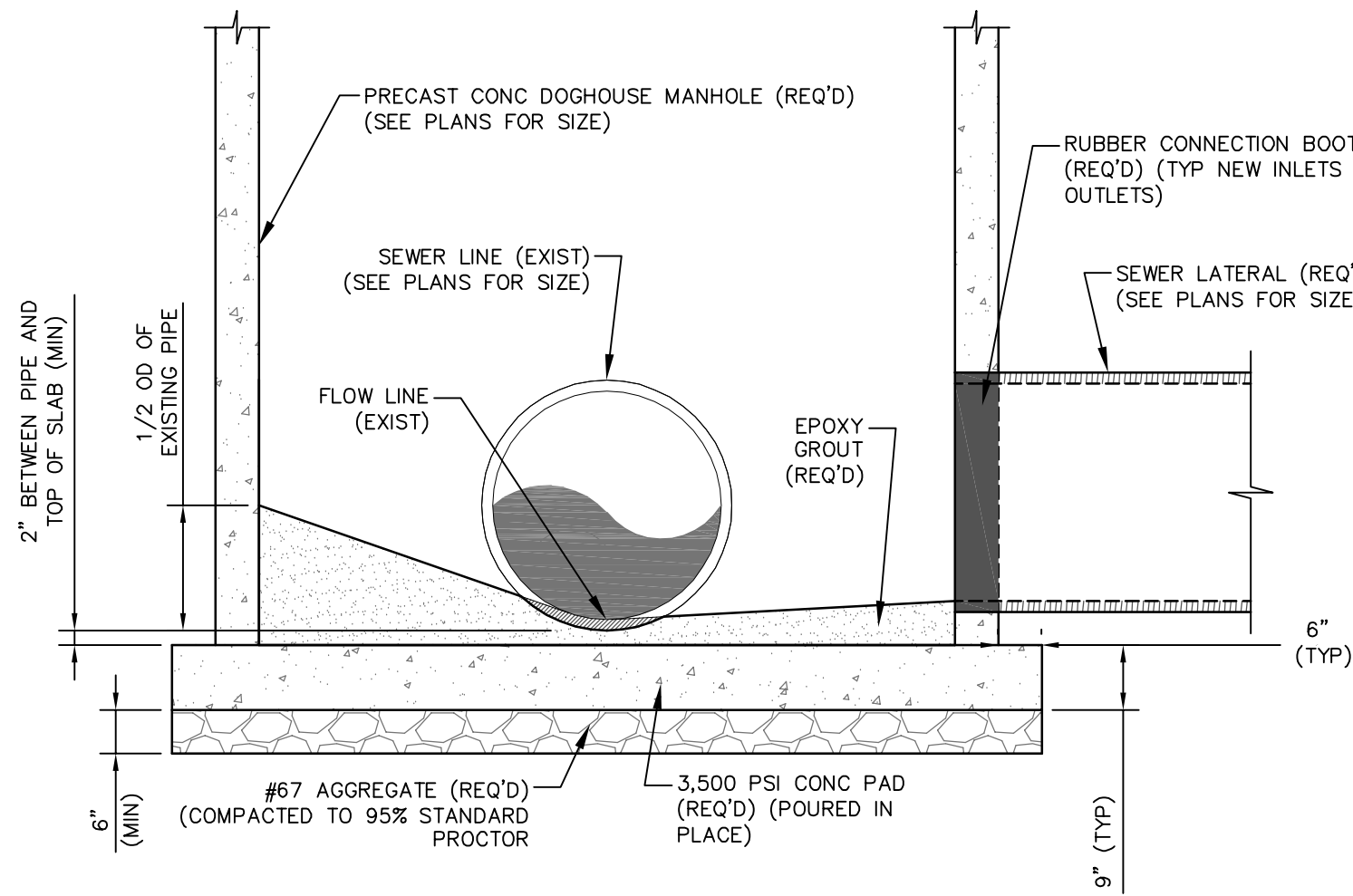
NO.	DATE	DESCRIPTION	BY
SEWER INSTALLATION DETAILS			
INFRASTRUCTURE IMPROVEMENTS			
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Drawing No.:	11254	Working No.:	SSD1
		Sheet No.:	15



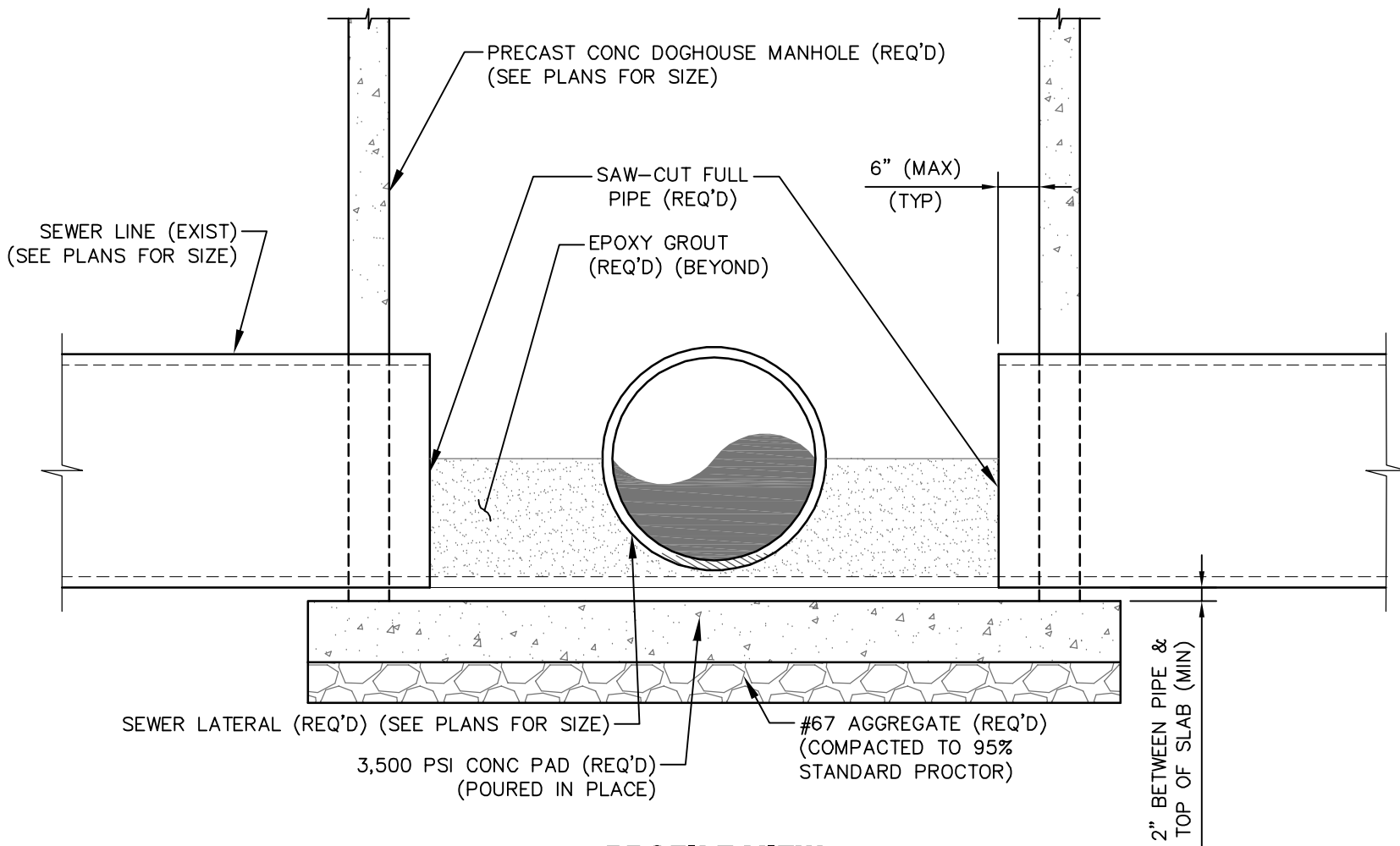
ISOMETRIC VIEW

DOGHOUSE MANHOLE NOTES:

1. FLOW SHALL BE MAINTAINED DURING CONSTRUCTION.
 2. THIS DETAIL SHALL BE USED WHEN A LATERAL NECESSITATES CONSTRUCTION OF A NEW MANHOLE.
 3. CONCRETE MANHOLE PAD SHALL BE POURED IN PLACE AND SHALL BE POURED UPON A #67 AGGREGATE BEDDING.
 4. AGGREGATE BEDDING SHALL HAVE A
 5. ALL PARTS OF THE DOGHOUSE MANHOLE CONSTRUCTION, CONCRETE PAD, AGGREGATE BASE, GROUT, ETC, SHALL BE PAID UNDER DOGHOUSE' MANHOLE ITEM.
- MINIMUM DEPTH OF 6" AND SHALL BE COMPACTED TO 95% STANDARD PROCTOR PRIOR TO CONSTRUCTION OF CONCRETE PAD.

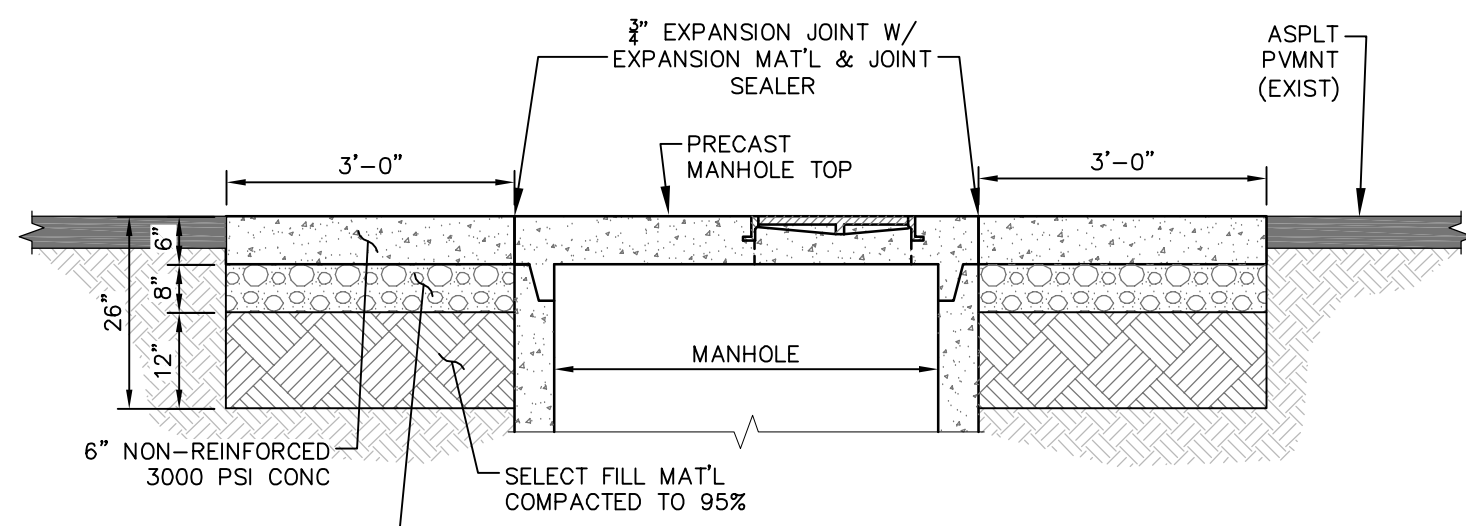


SECTION VIEW

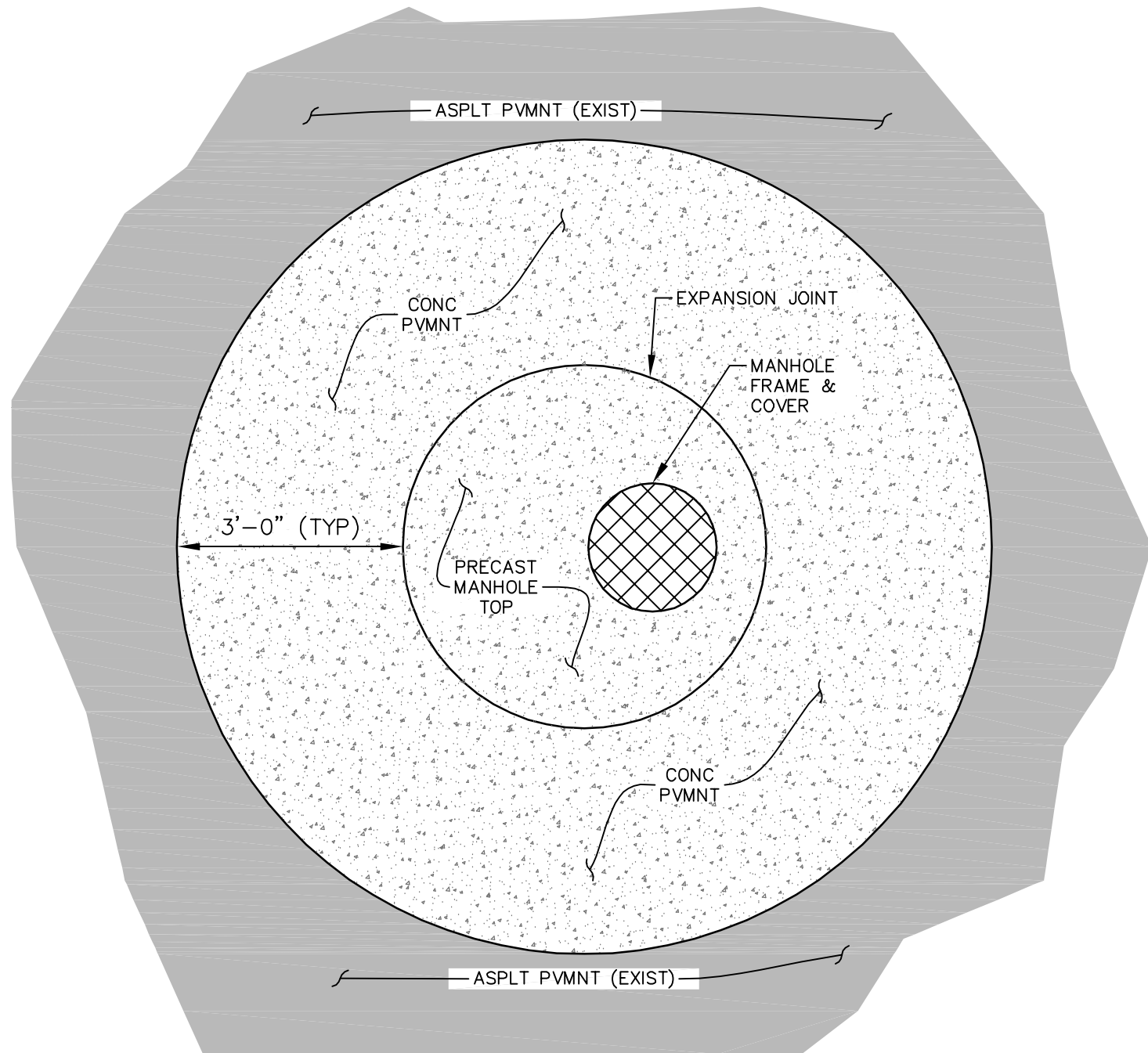


PROFILE VIEW

DOGHOUSE MANHOLE DETAIL

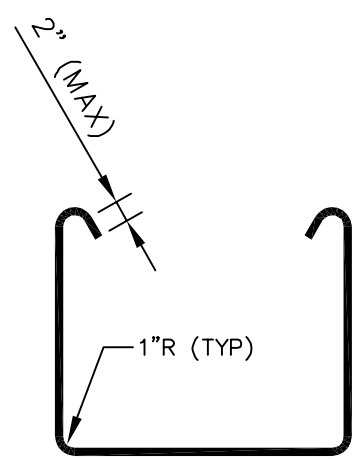


SECTION VIEW

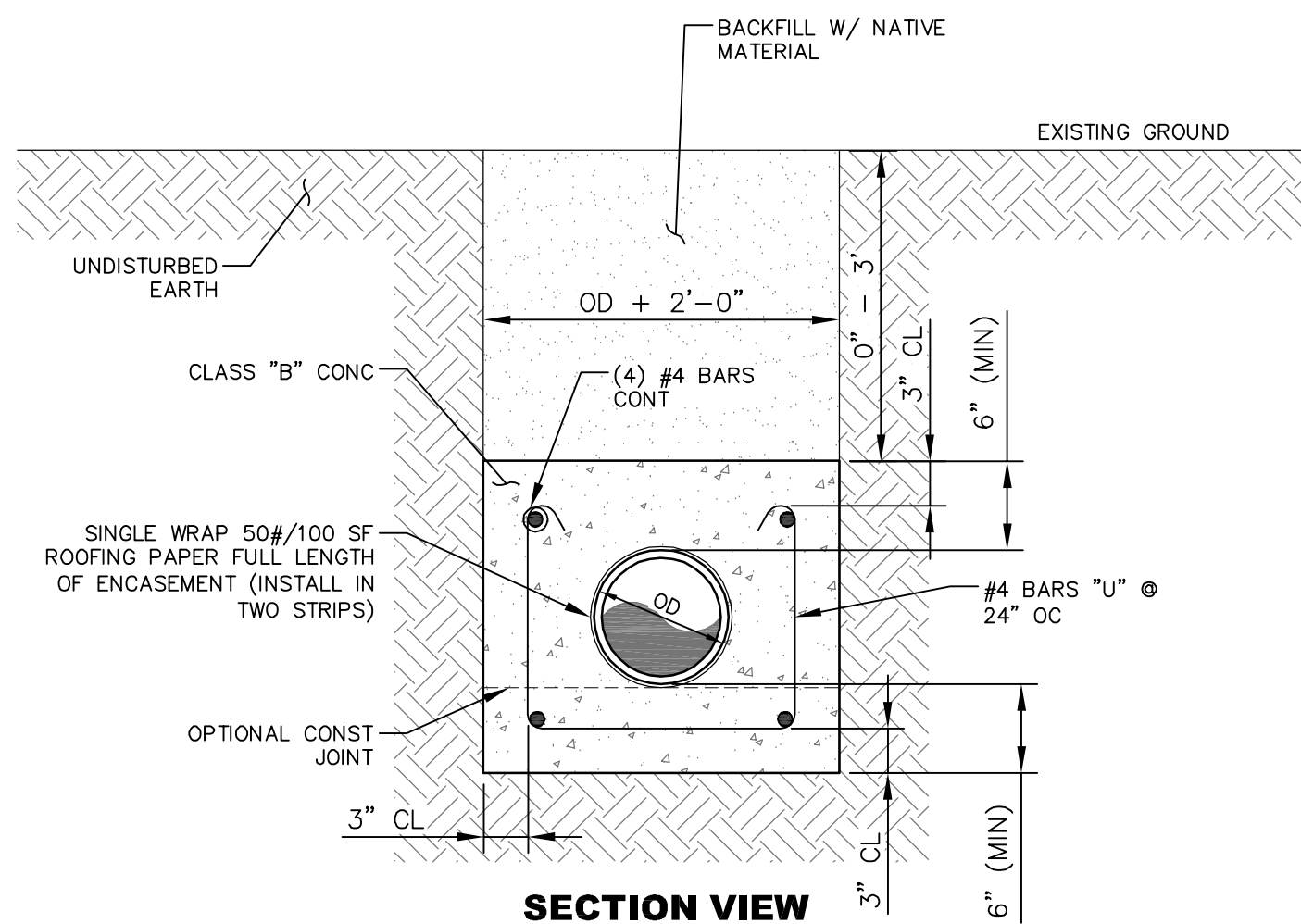


PLAN VIEW

TYPICAL ADDITIONAL PAVING DETAIL @ FLAT TOP MANHOLE

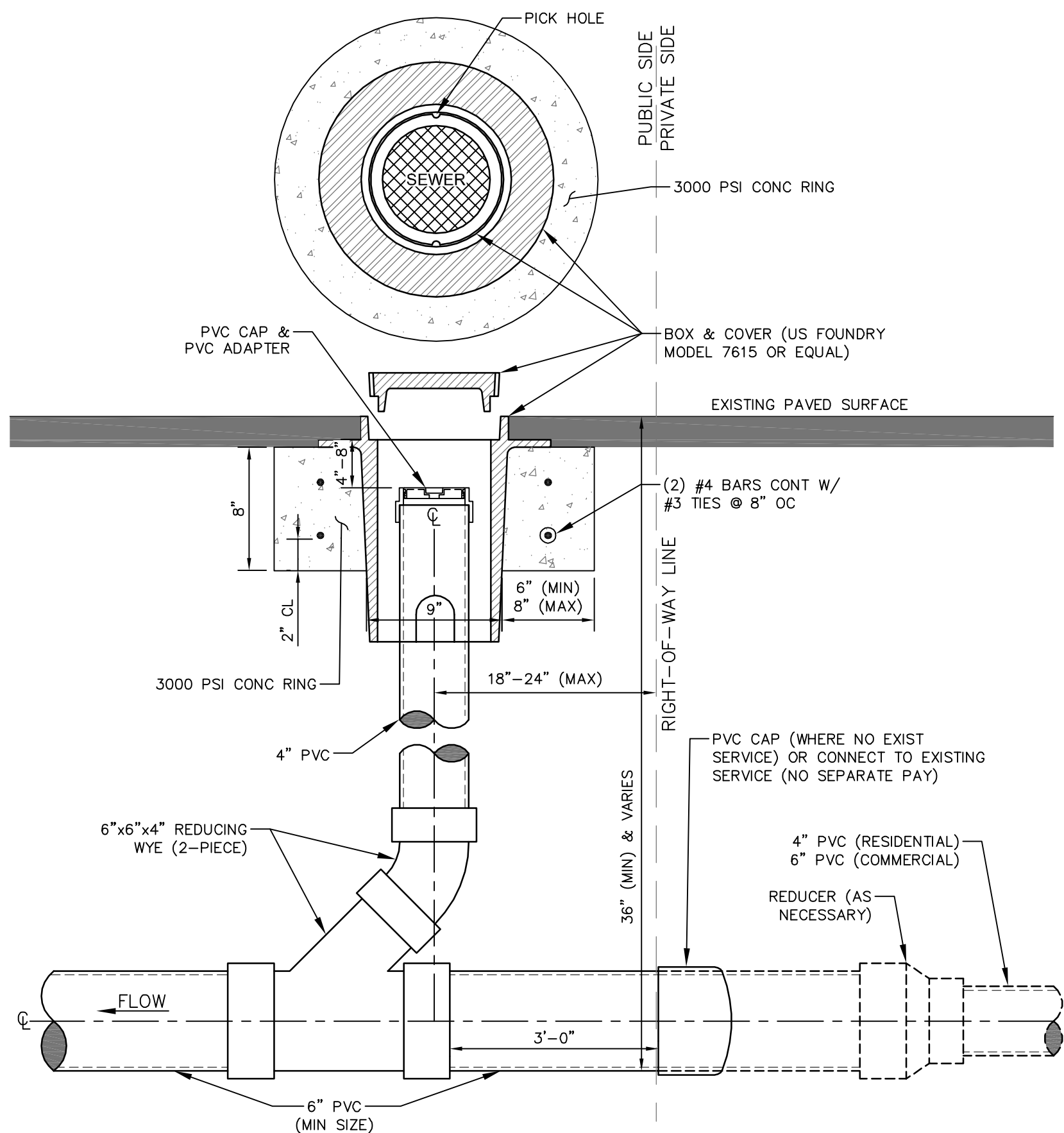


BAR "U" DETAIL



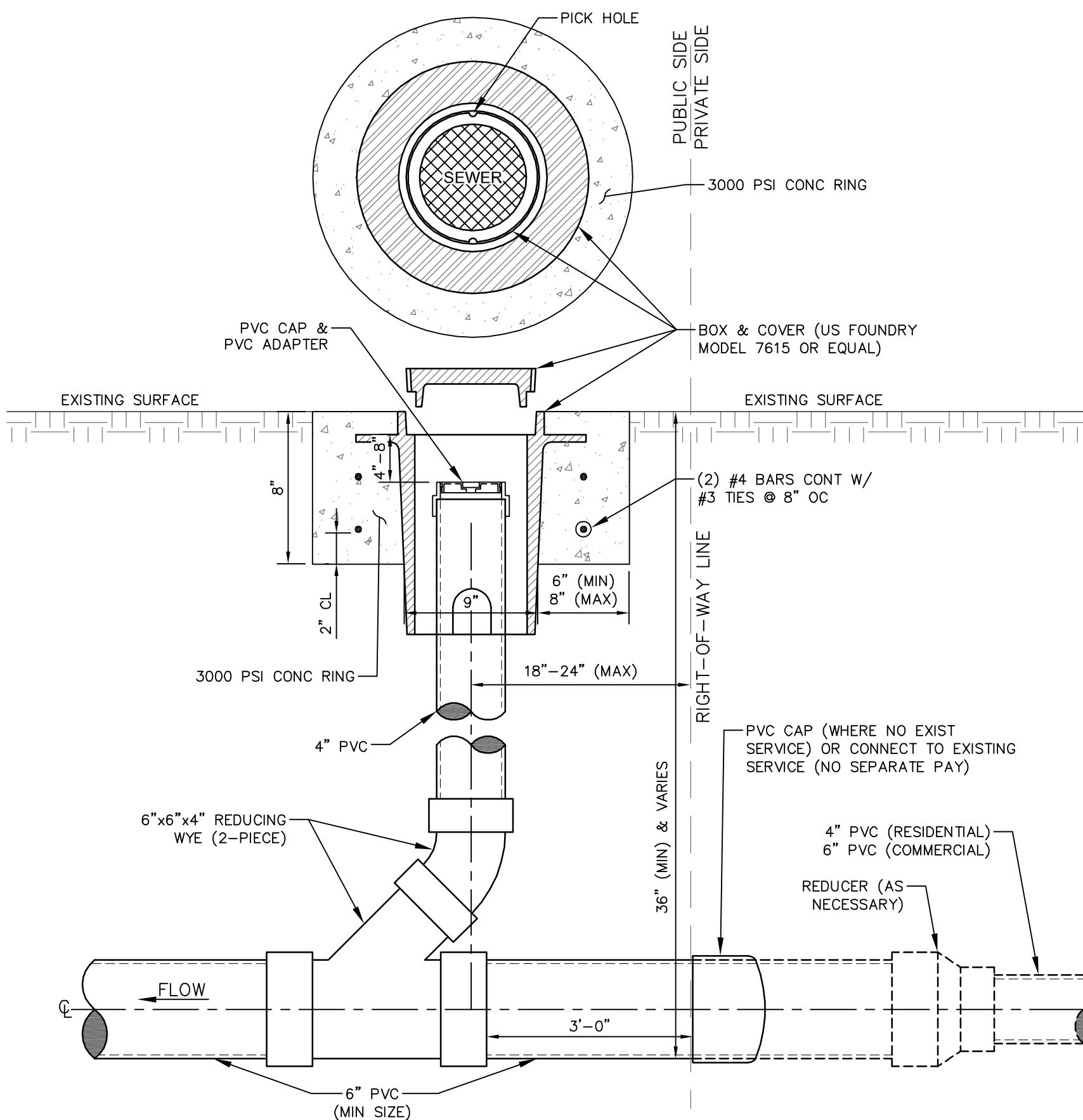
SECTION VIEW

CONCRETE ENCASEMENT FOR LOW COVER DETAIL



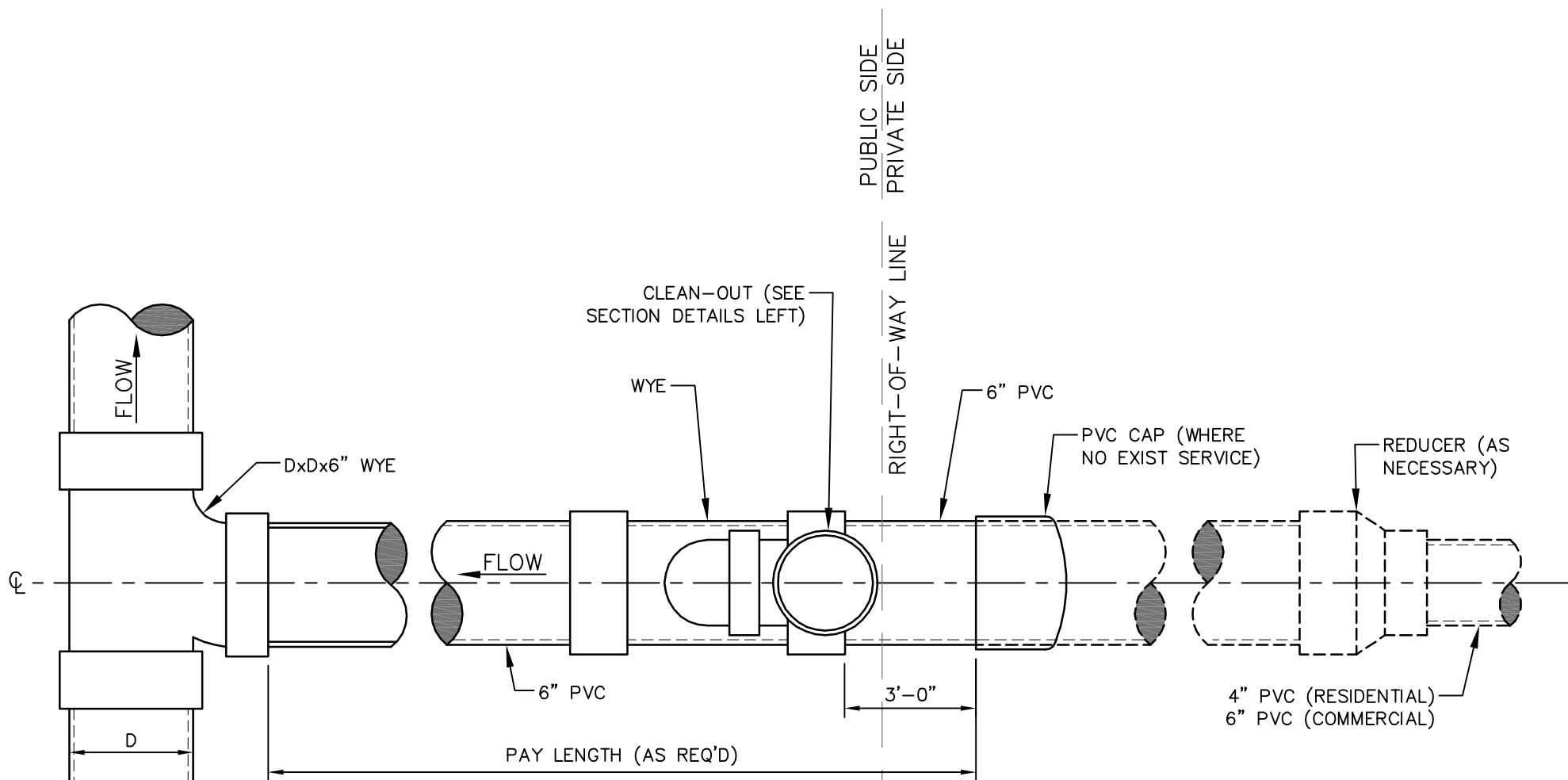
SANITARY SEWER CLEANOUT DETAIL - SECTION VIEW

FOR PAVED AREA



SANITARY SEWER CLEANOUT DETAIL - SECTION VIEW

FOR NON-PAVED AREA



SERVICE CONNECTION - PLAN VIEW

CLEANOUT NOTE:

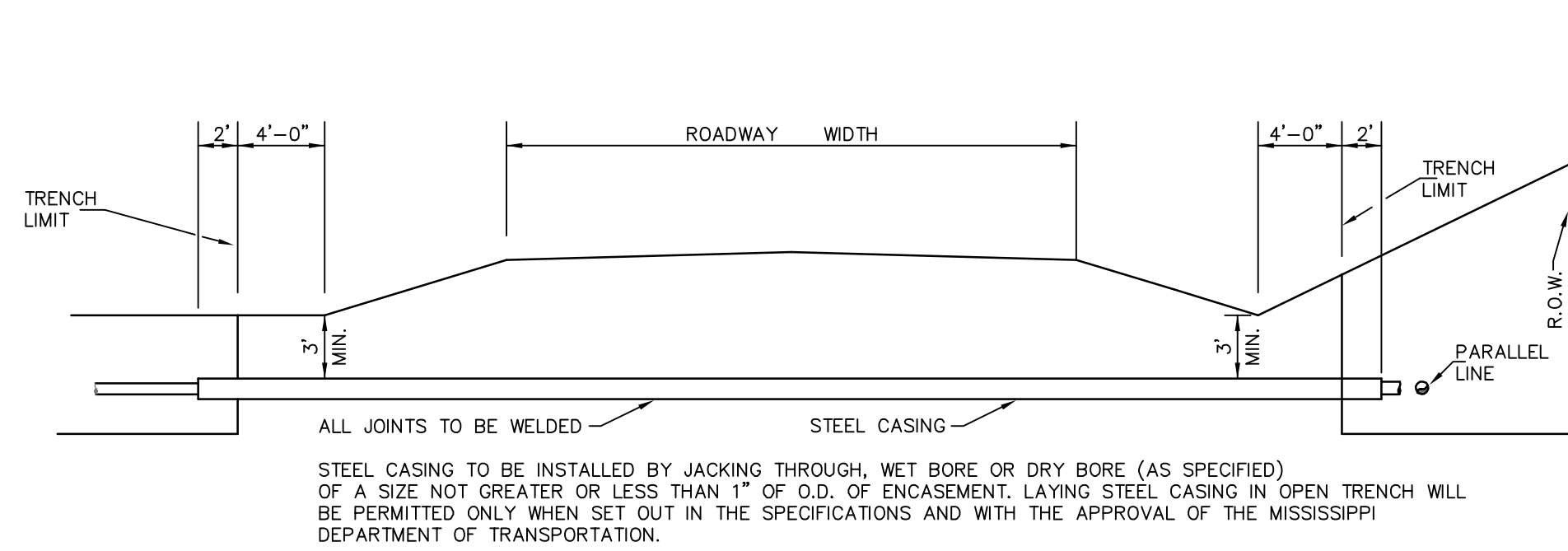
CLEANOUTS SHALL BE PLACED AT ALL BENDS IN SERVICE LINES OVER 22.5' AND ALL CHANGES IN GRADE. CLEANOUTS SHALL BE PLACED AT ROW LINES AS DETAILED.

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Drawing No.:	11254	Sheet No.:	16

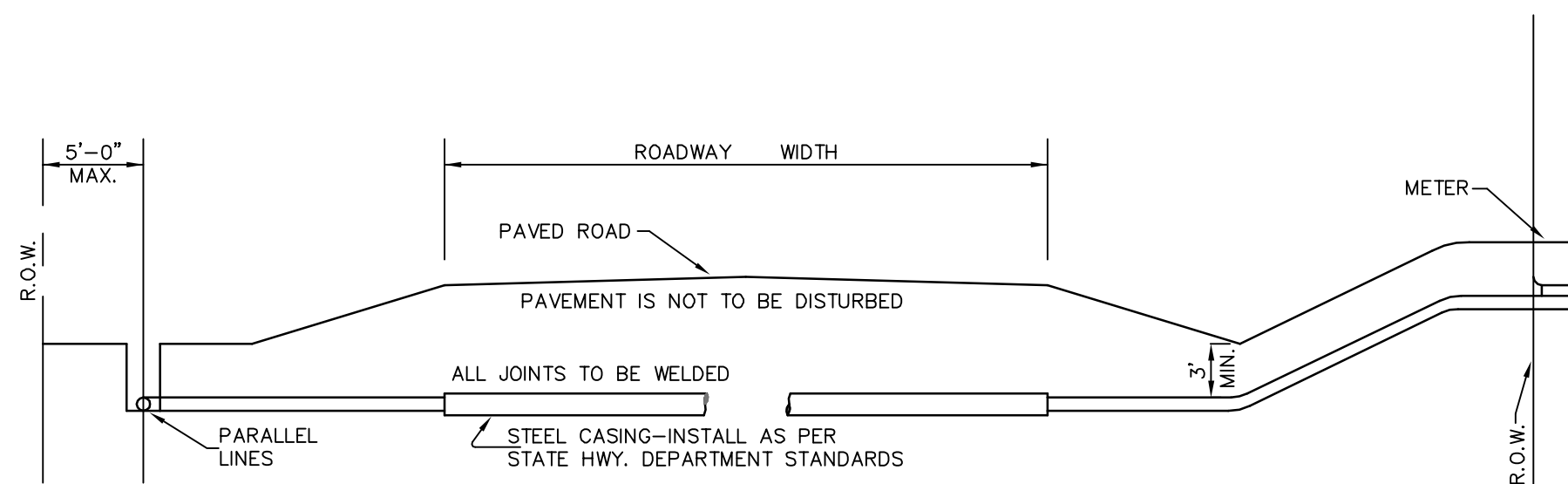


1. POST INDICATOR VALVES SHALL BE REQUIRED AT ALL EXISTING STRUCTURES WHICH ARE BEING CONNECTED TO THE PROPOSED SYSTEM UNDER THIS PROJECT, IF THE EXISTING PIV IS DAMAGED AND/OR INOPERABLE OR IF NO PIV IS IN PLACE AT THE TIME OF CONNECTION.
2. LOCATIONS FOR PROPOSED PIV'S SHALL BE AS DIRECTED BY THE ENGINEER BUT SHALL BE AT LEAST 40 FEET FROM THE EXISTING STRUCTURE AND CLEARLY VISIBLE.
3. POST INDICATOR VALVES SHALL BE INSTALLED AS PER THE MANUFACTURER'S SPECIFICATIONS AND AS DETAILED HERE.
4. ALL ITEMS, INCLUDING POSSIBLE INSTALLATION ON EXISTING FIRE LINE SHALL BE PAID UNDER THE "POST INDICATOR VALVE" ITEM.

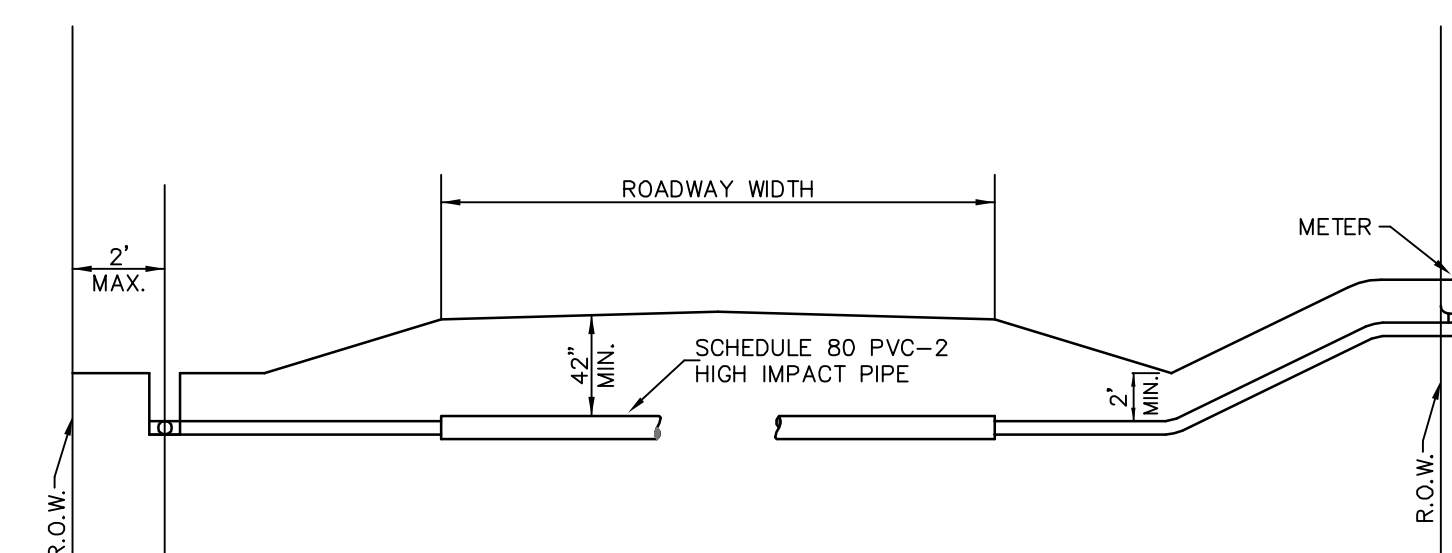
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INFRASTRUCTURE IMPROVEMENTS			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
			
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Date: 01-22-2018		Working No. <u>WTRD1</u>	
Drawing No. 11254		Sheet No. <u>17</u>	



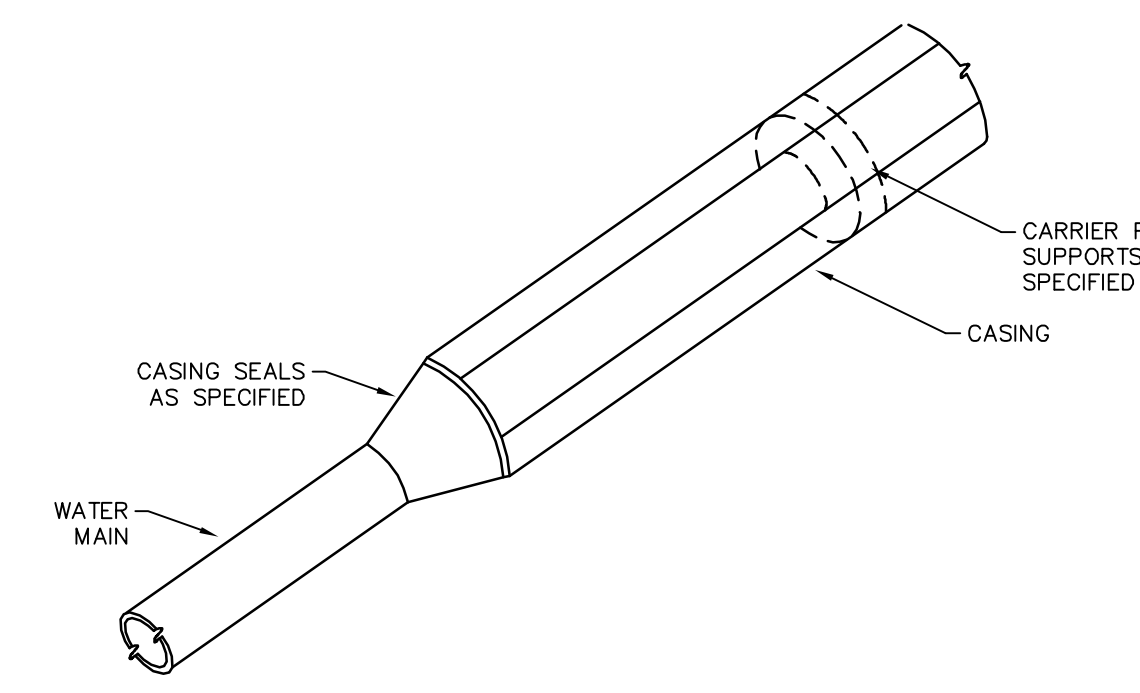
HIGHWAY CROSSING & WATER LINE PARALLELING HWY. IN R.O.W.



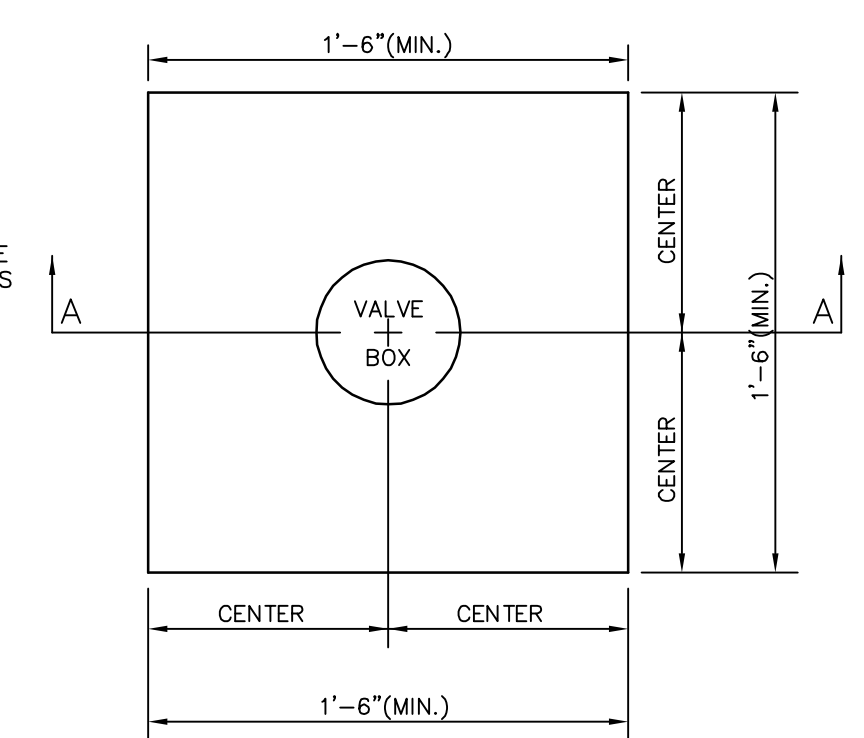
ROAD BORE & WATER LINE PARALLELING ROAD IN R.O.W.



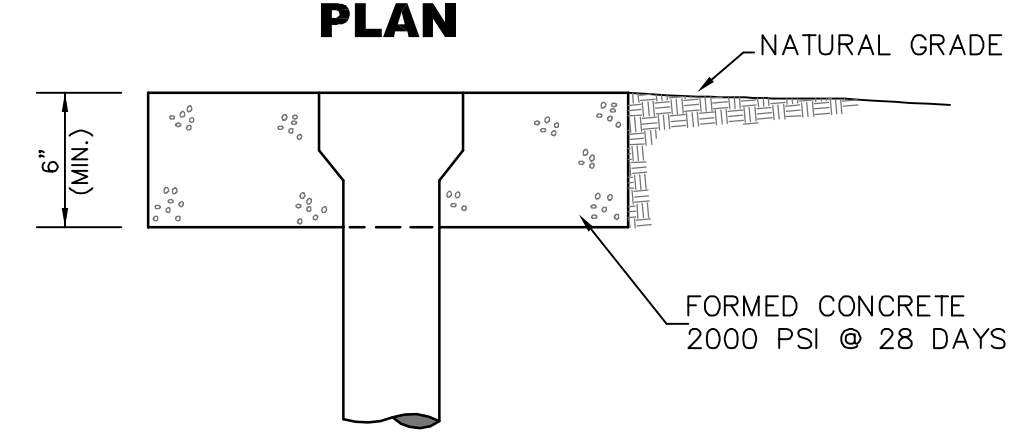
COUNTY GRAVEL ROAD & WATER LINE PARALLELING ROAD IN R.O.W.



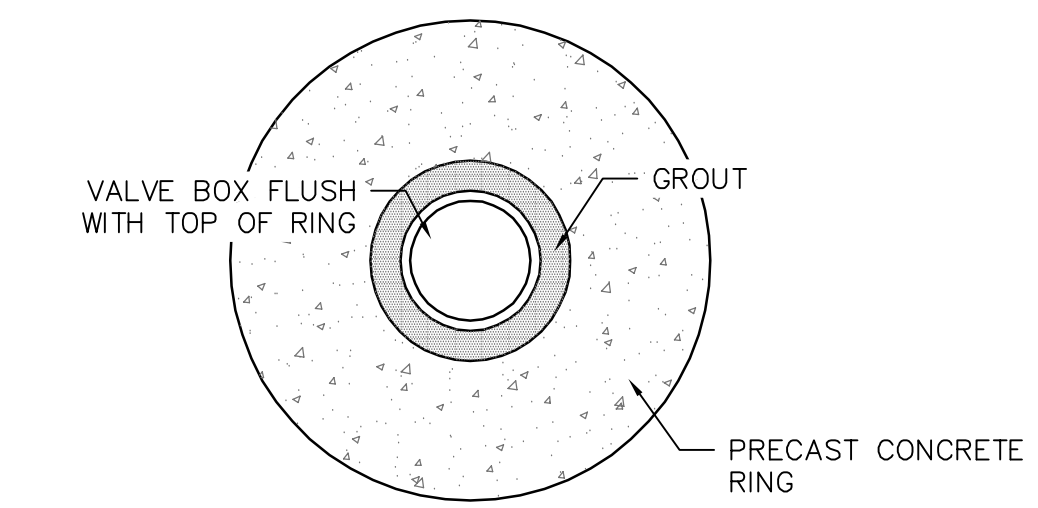
CASING END DETAIL



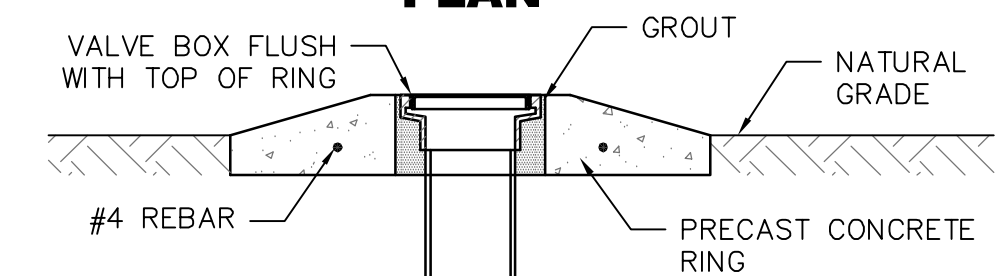
PLAN



SECTION VALVE LOCATION (PAVED AREA)

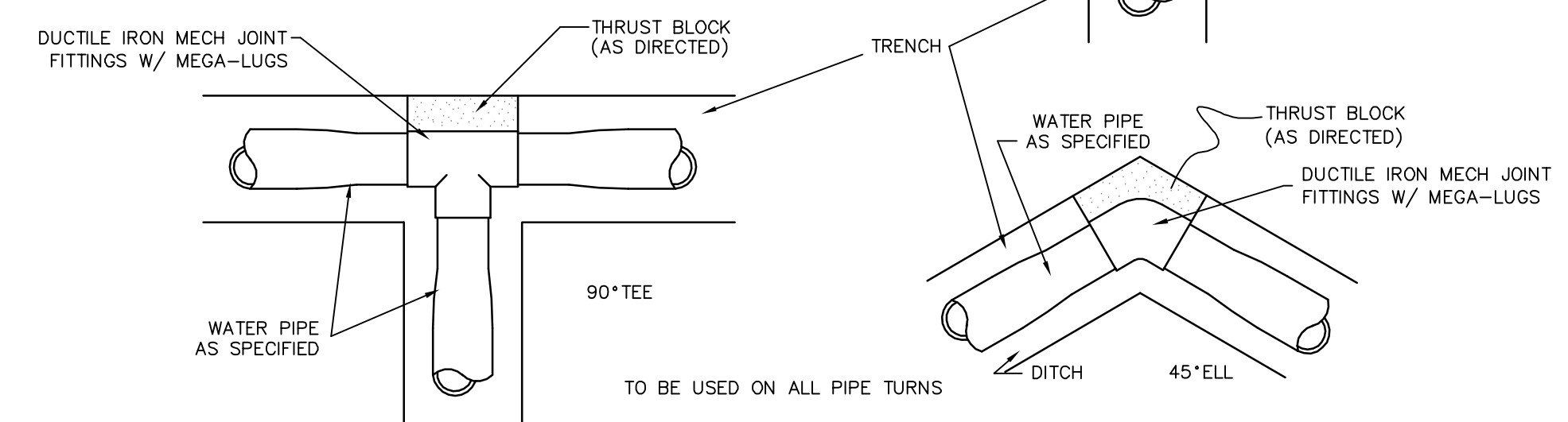
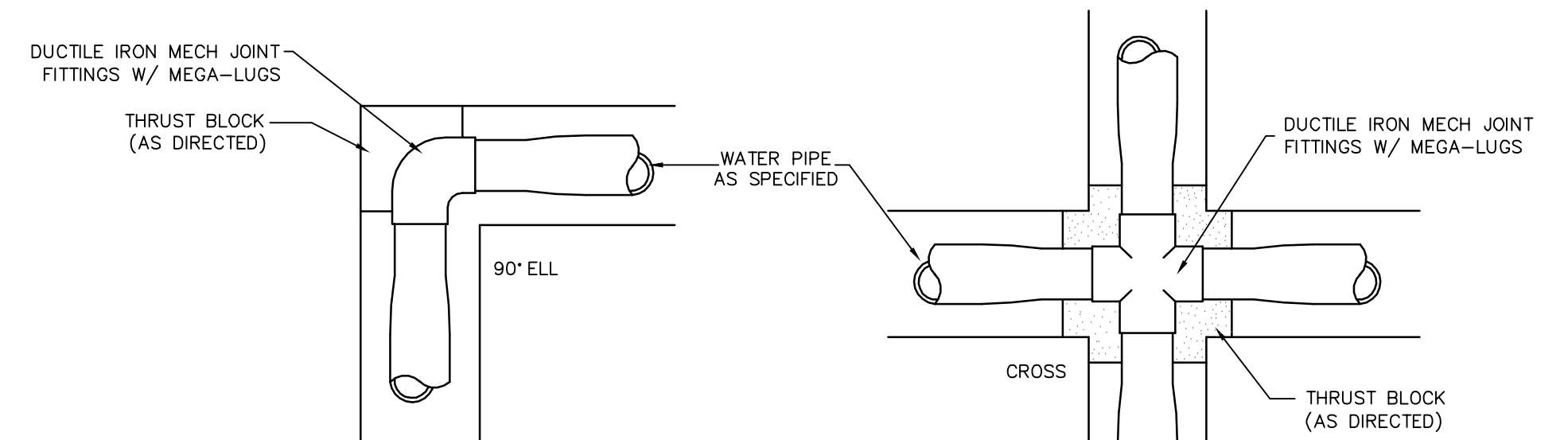


PLAN

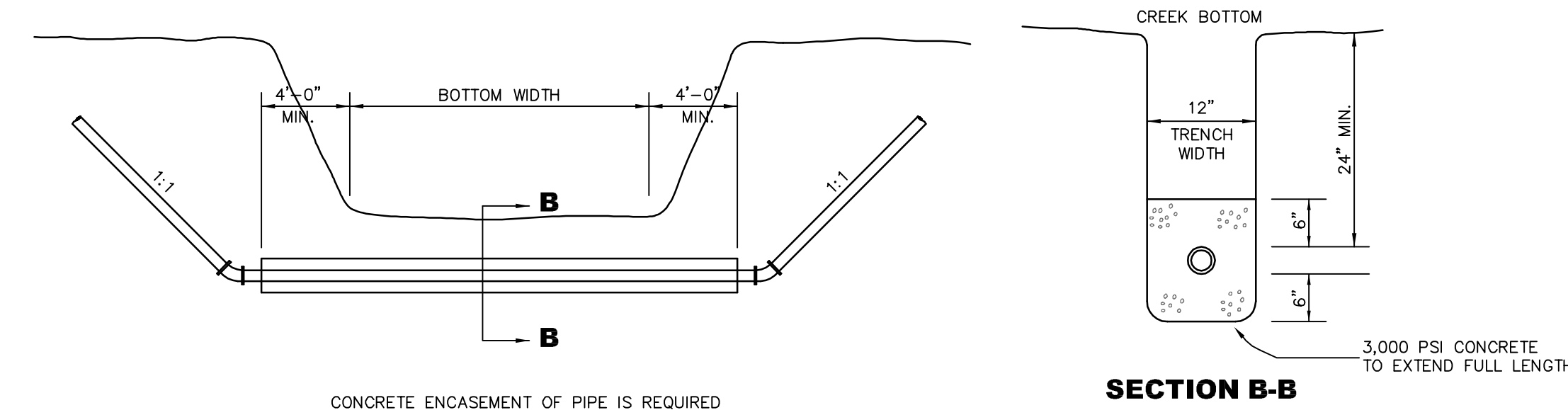


SECTION

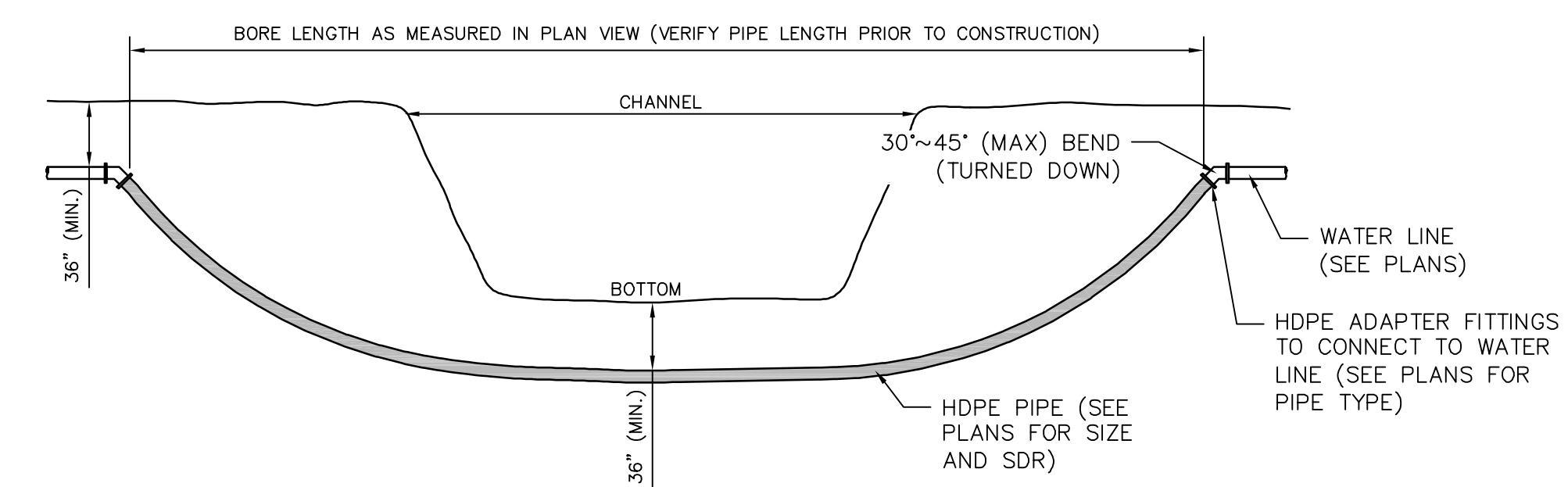
VALVE LOCATION (NON PAVED AREA)



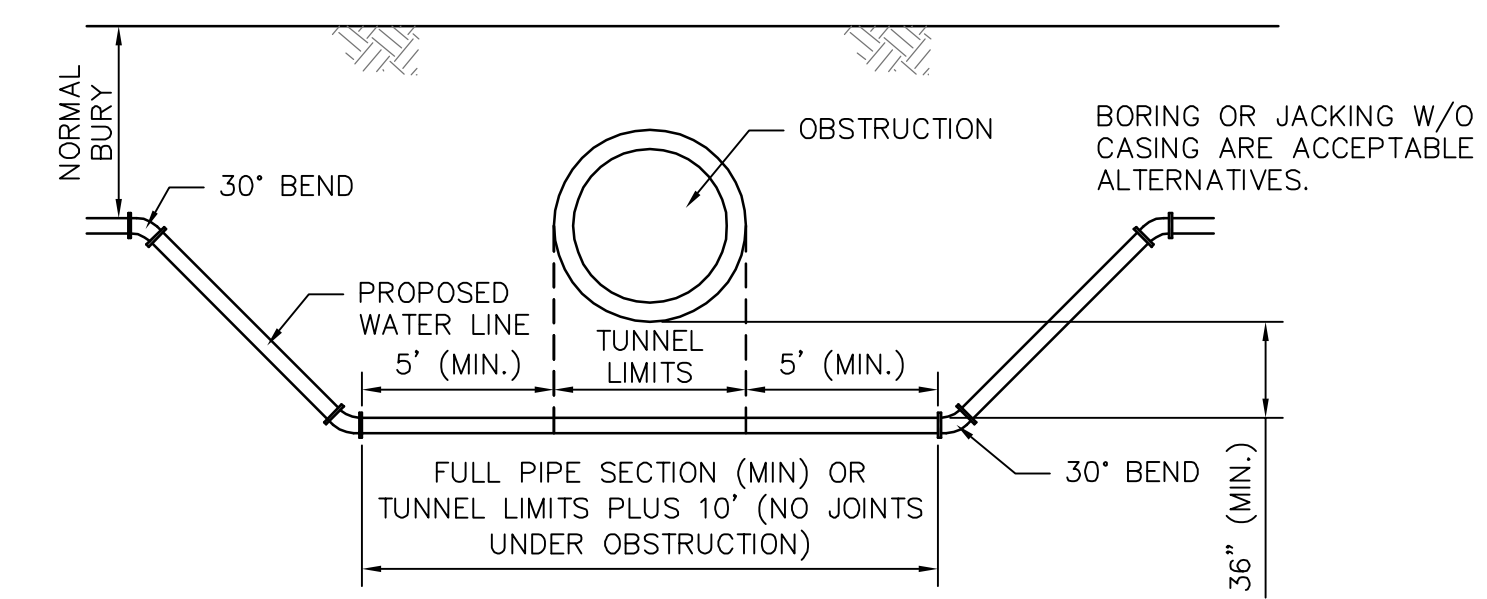
THRUST BLOCK DETAILS



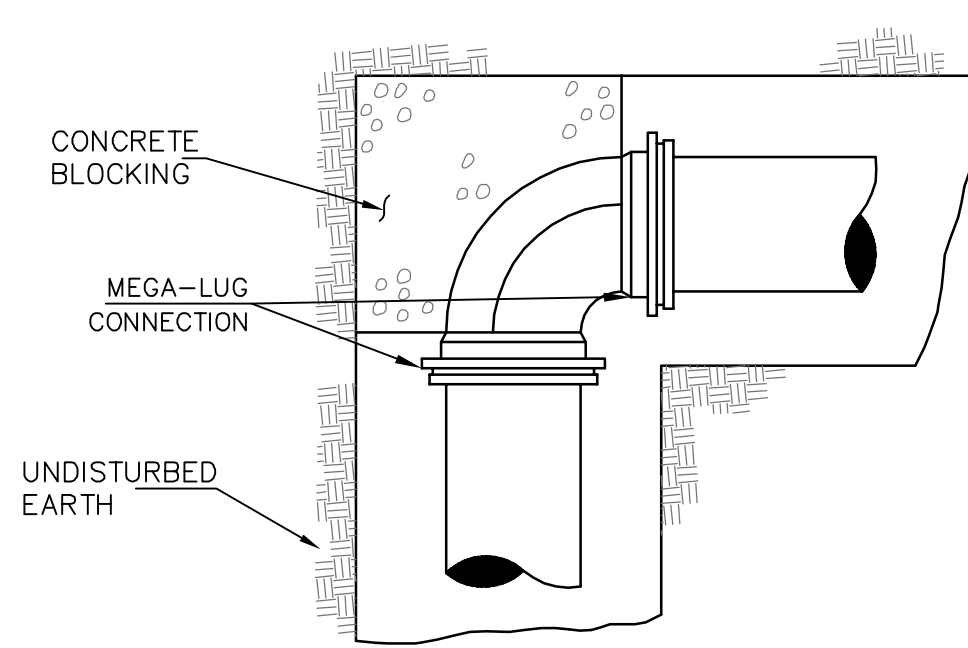
OPEN CUT CHANNEL CROSSING DETAIL



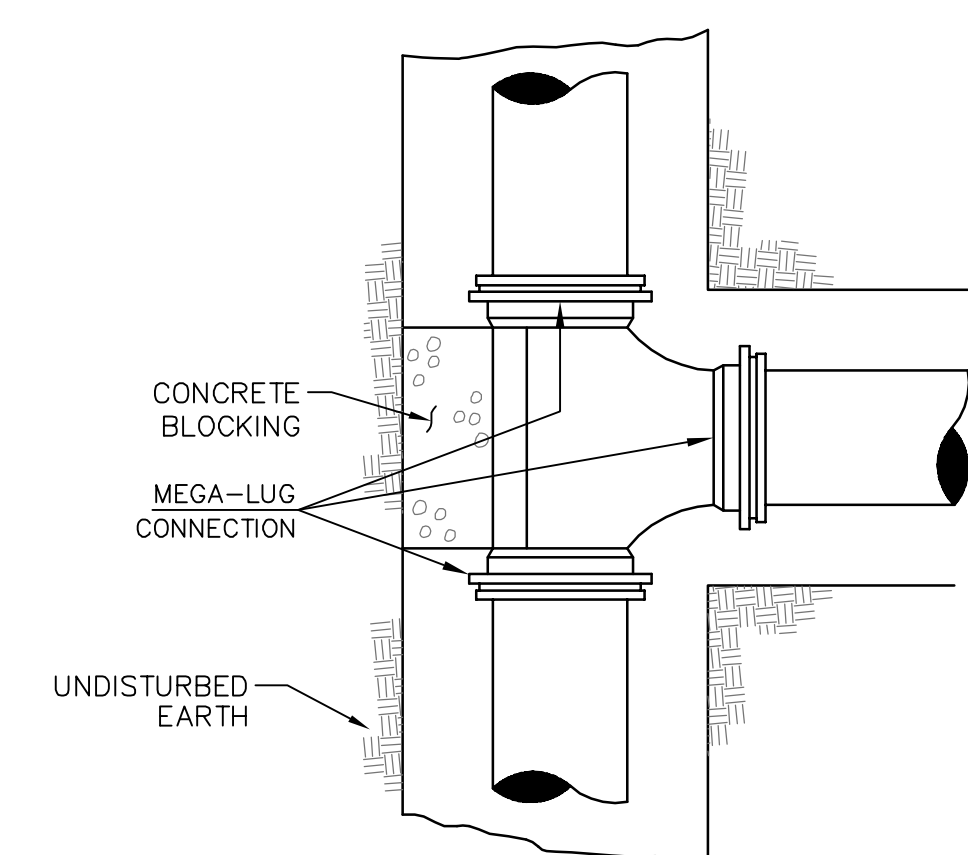
DIRECTIONAL BORED CHANNEL CROSSING DETAIL



OBSTRUCTION CROSSING DETAIL

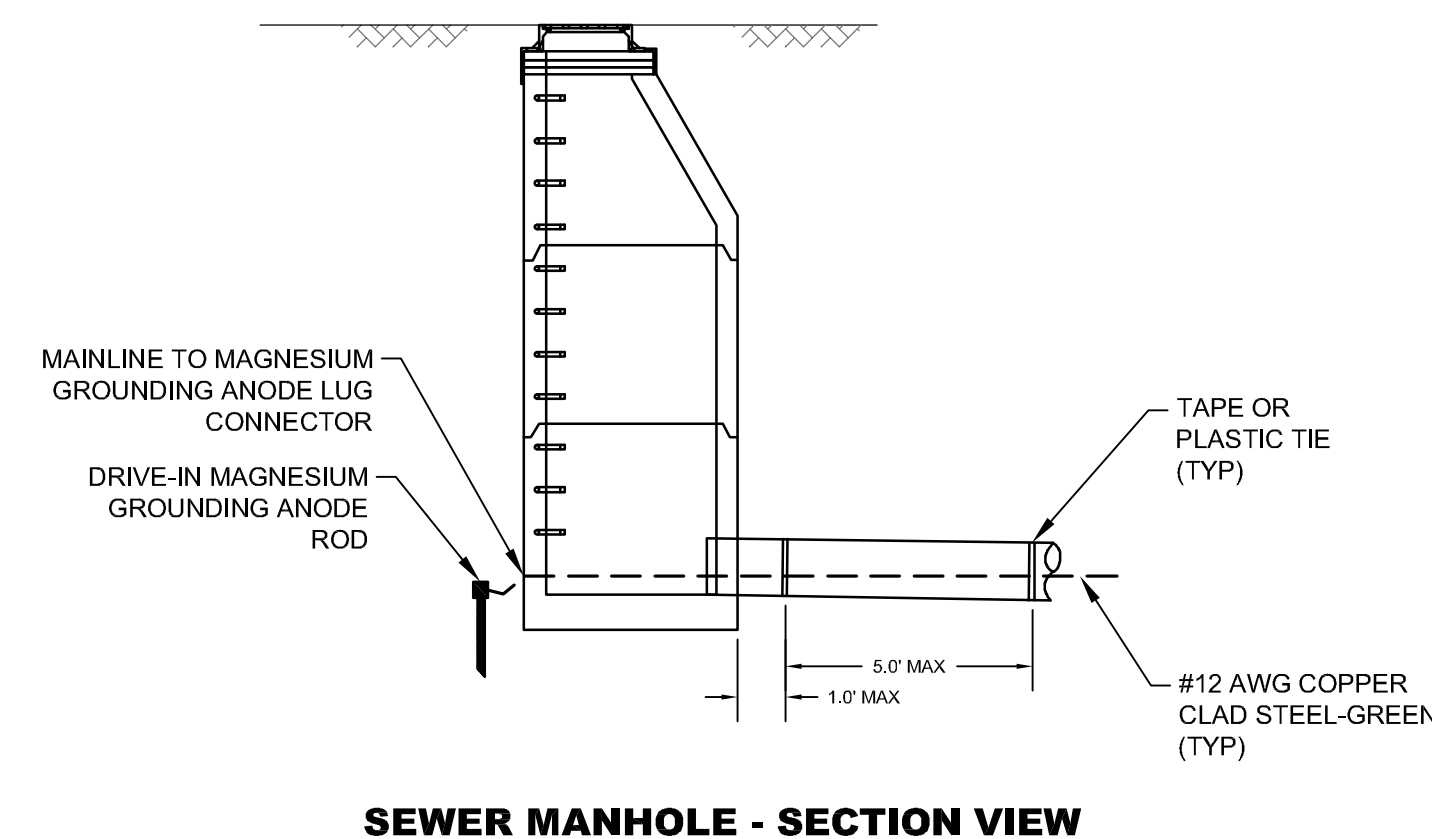
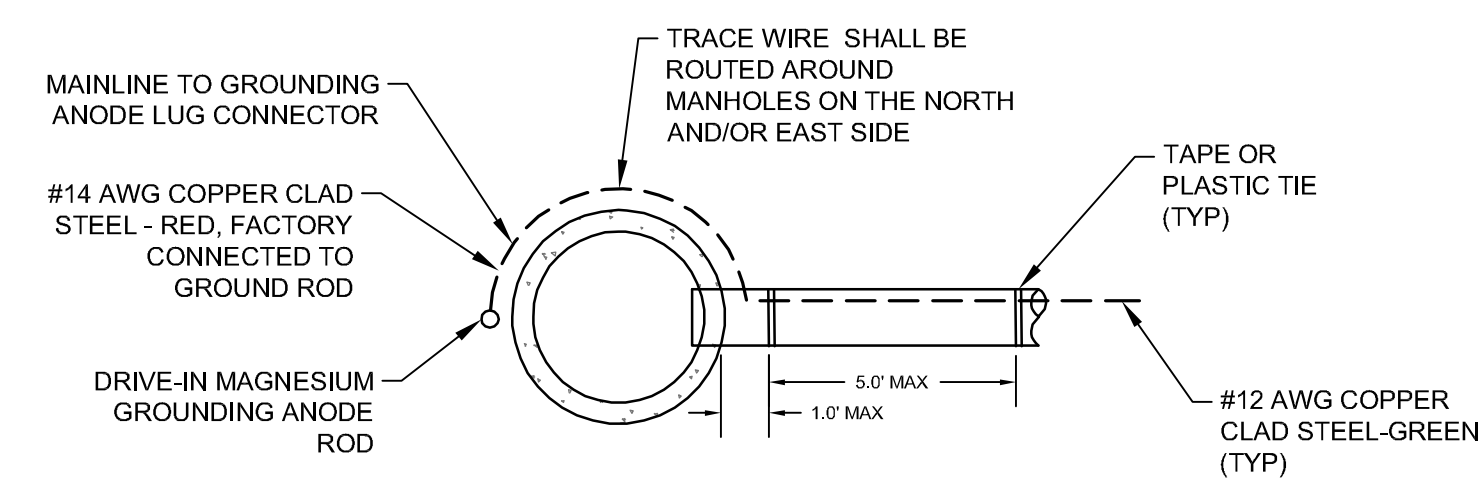
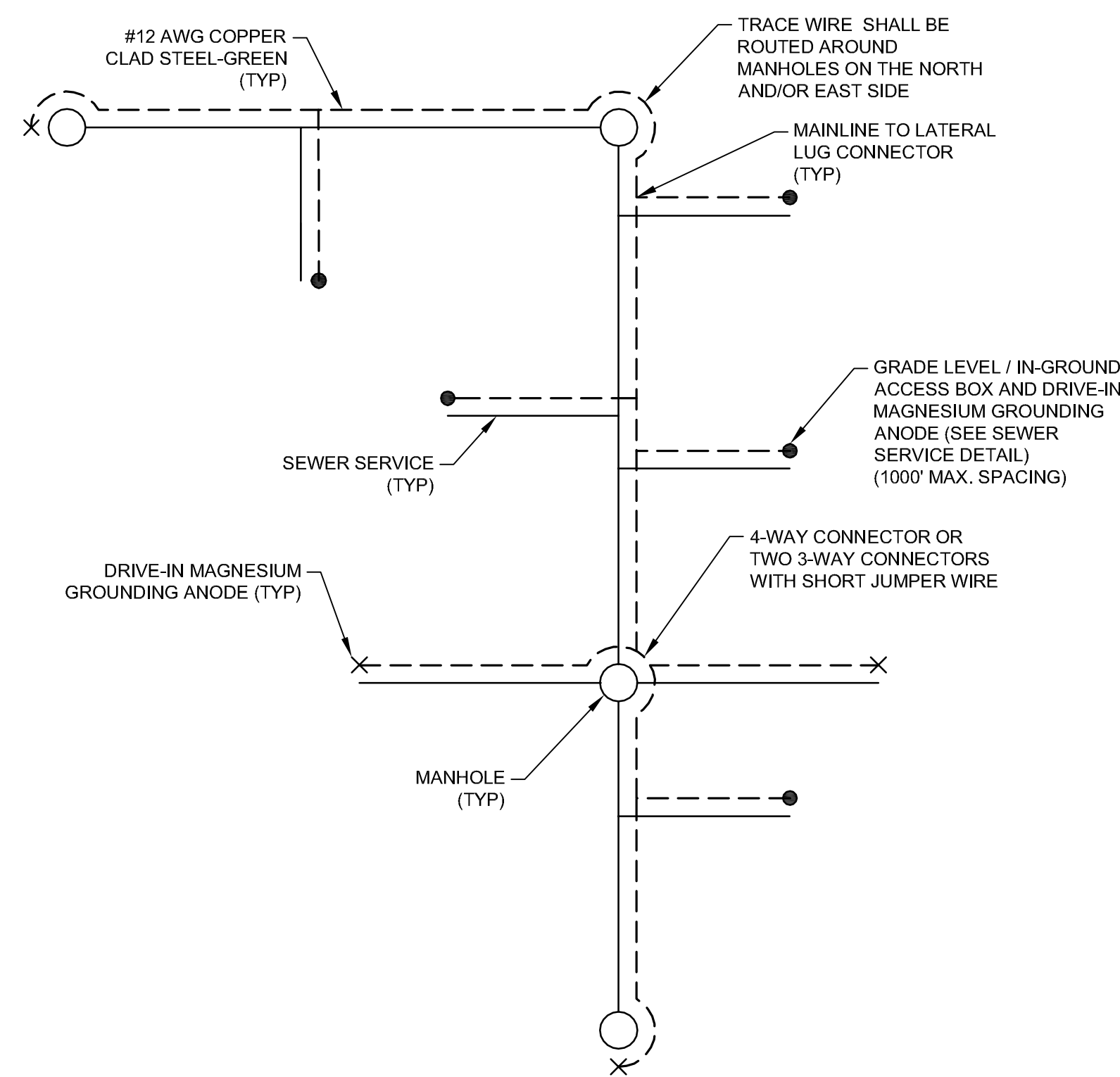
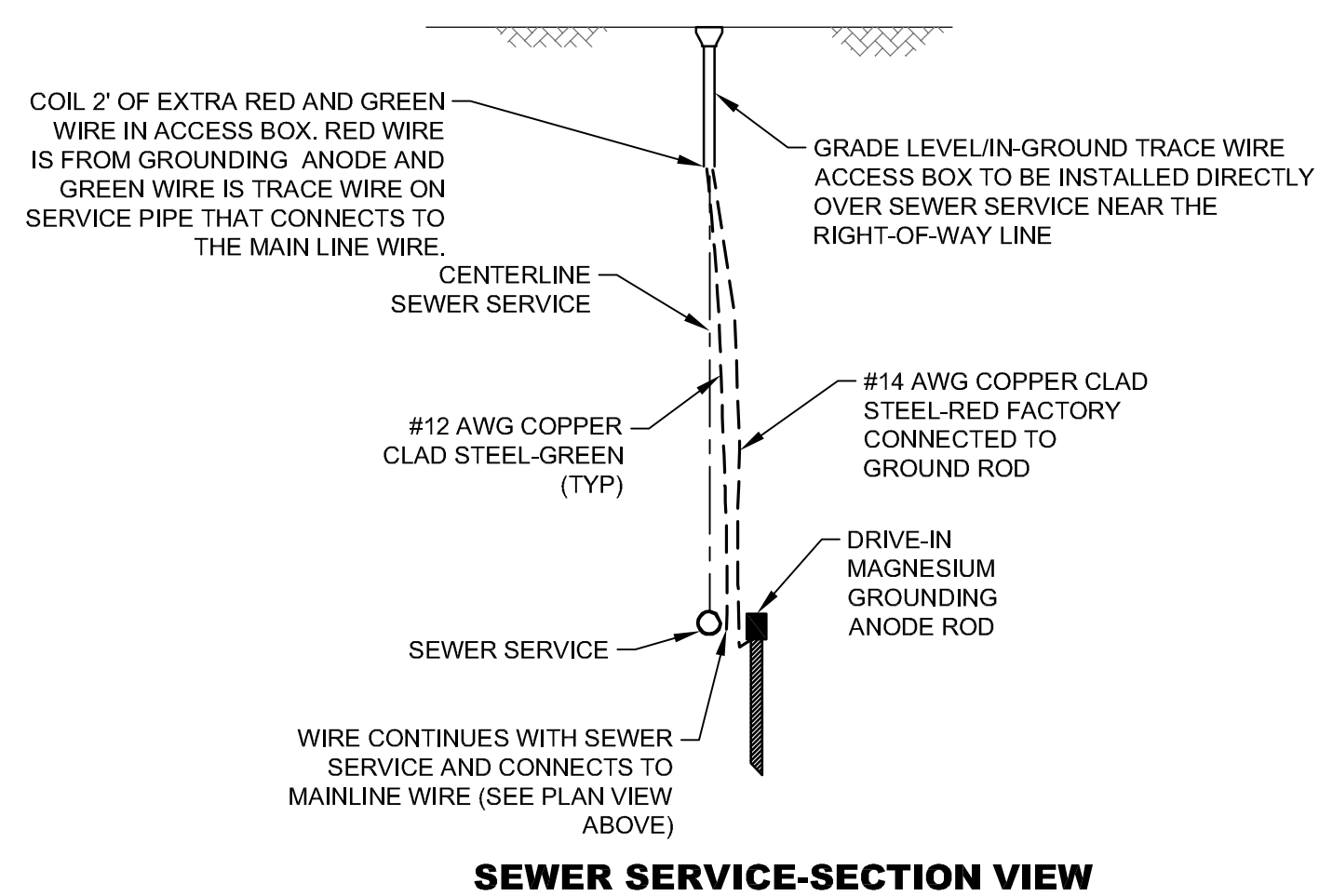
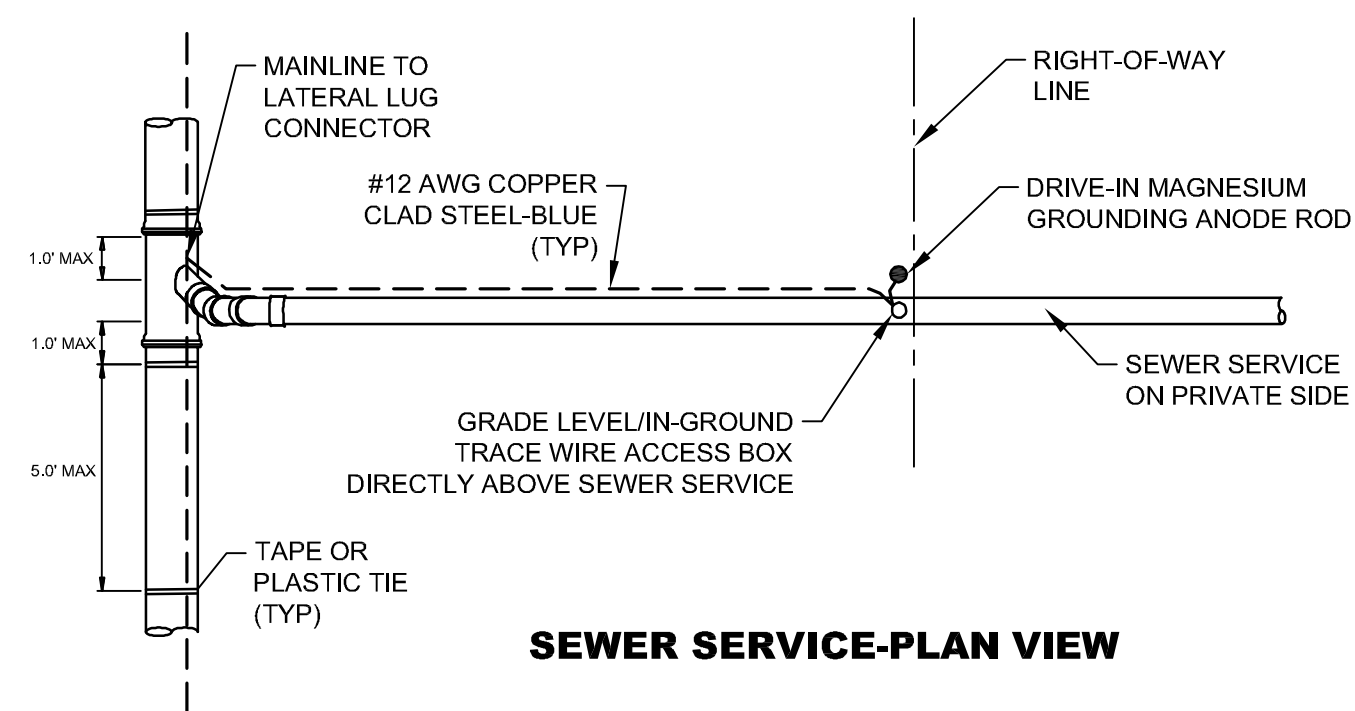
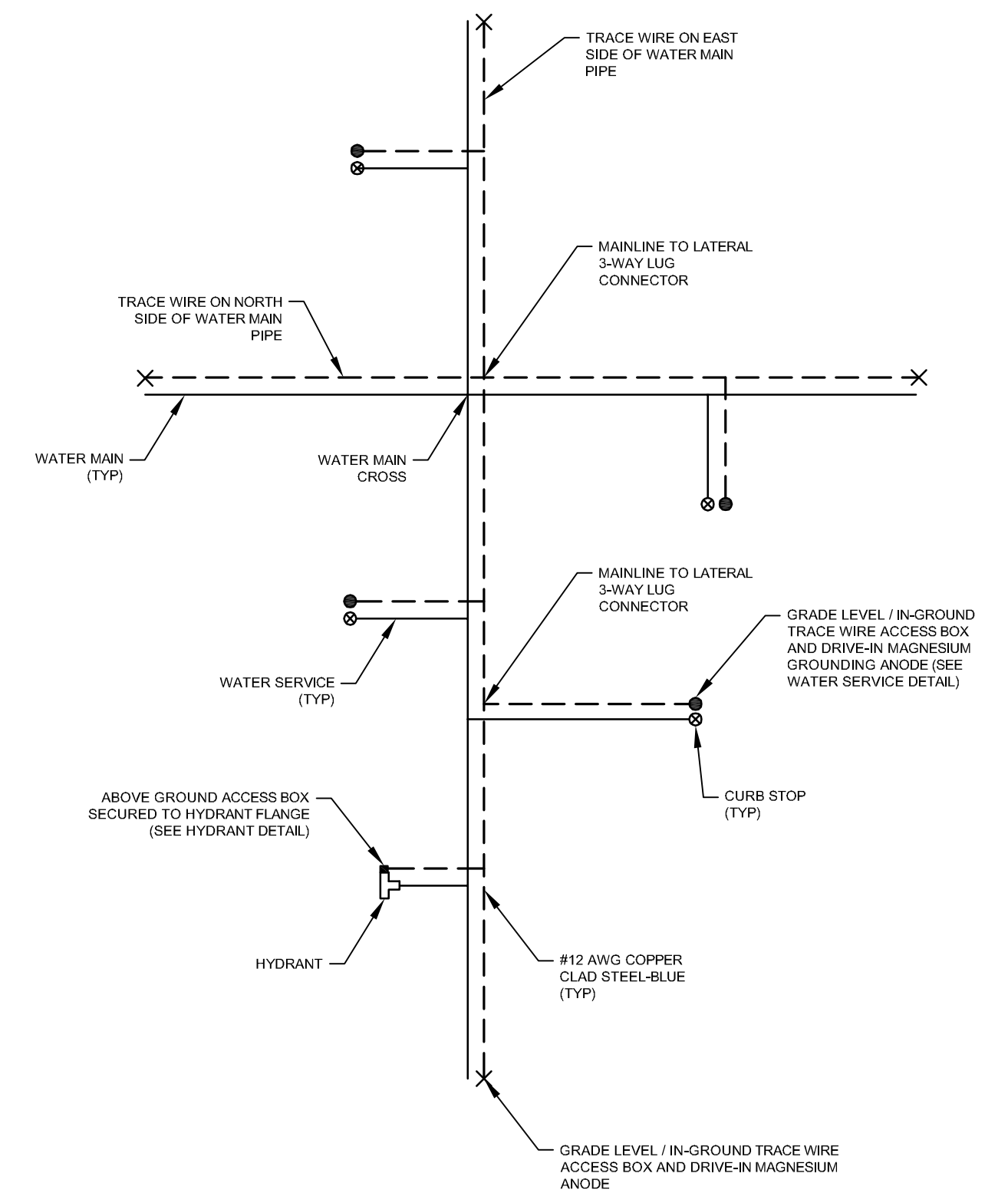
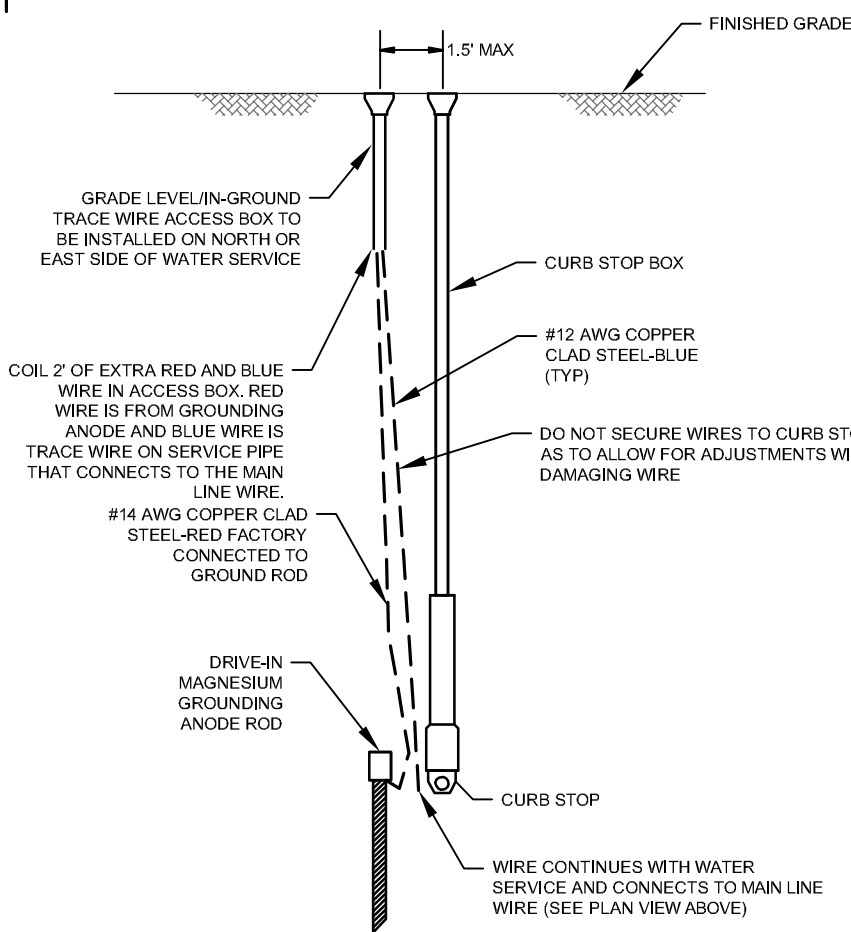
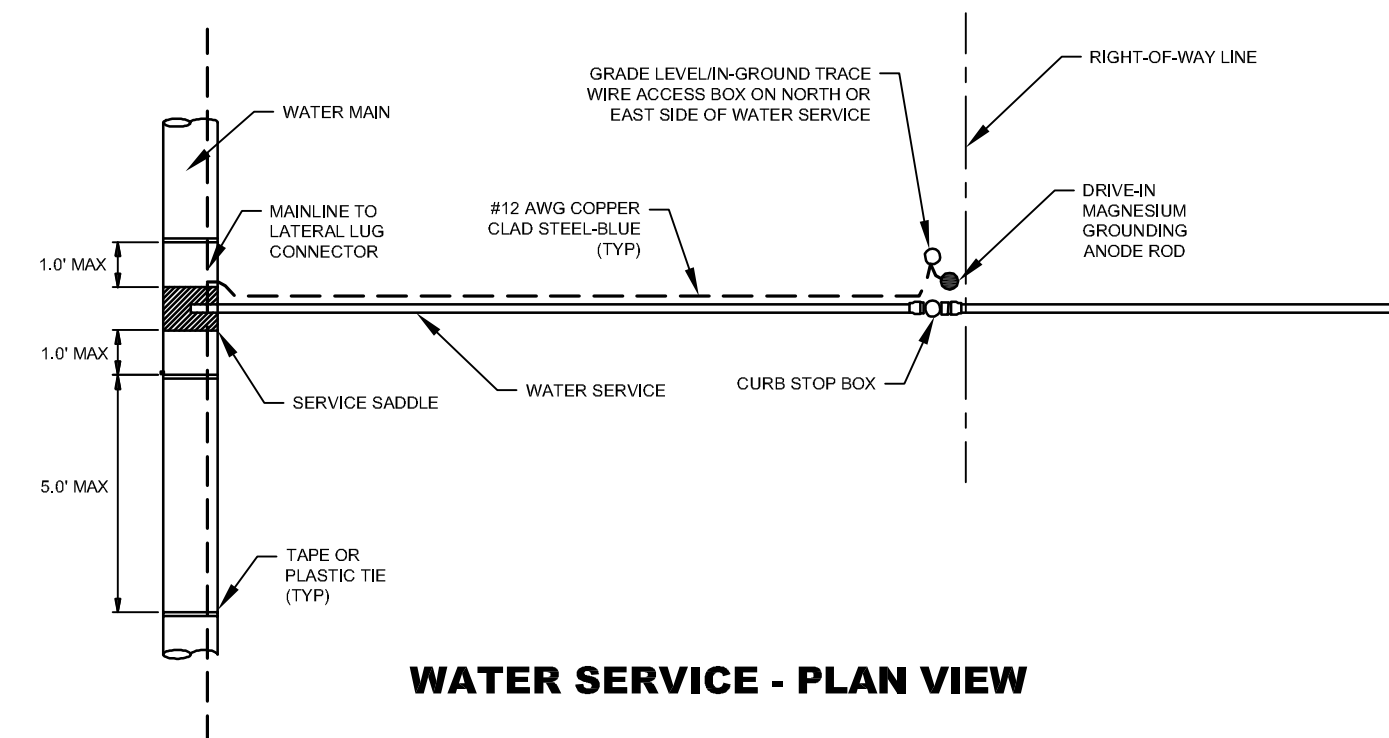
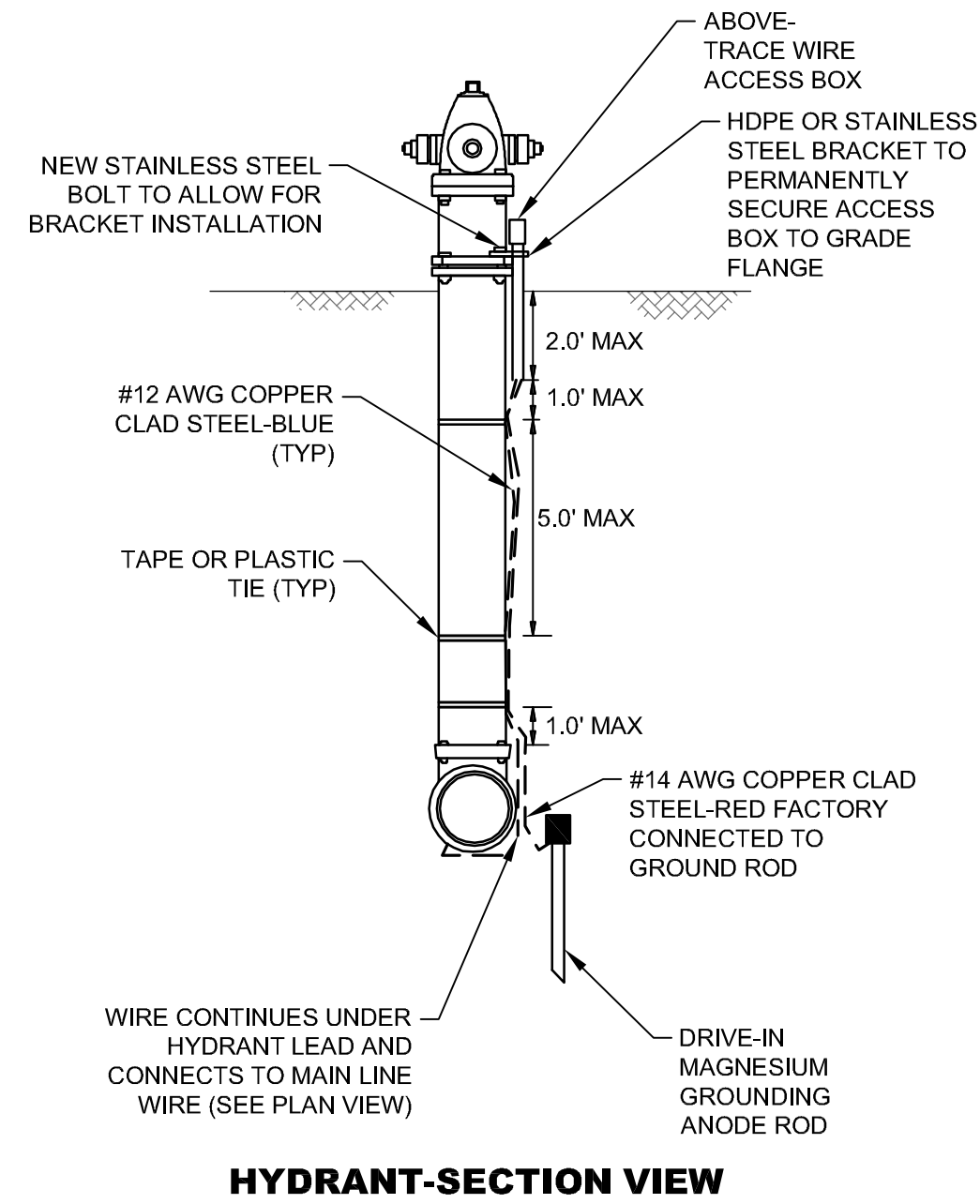
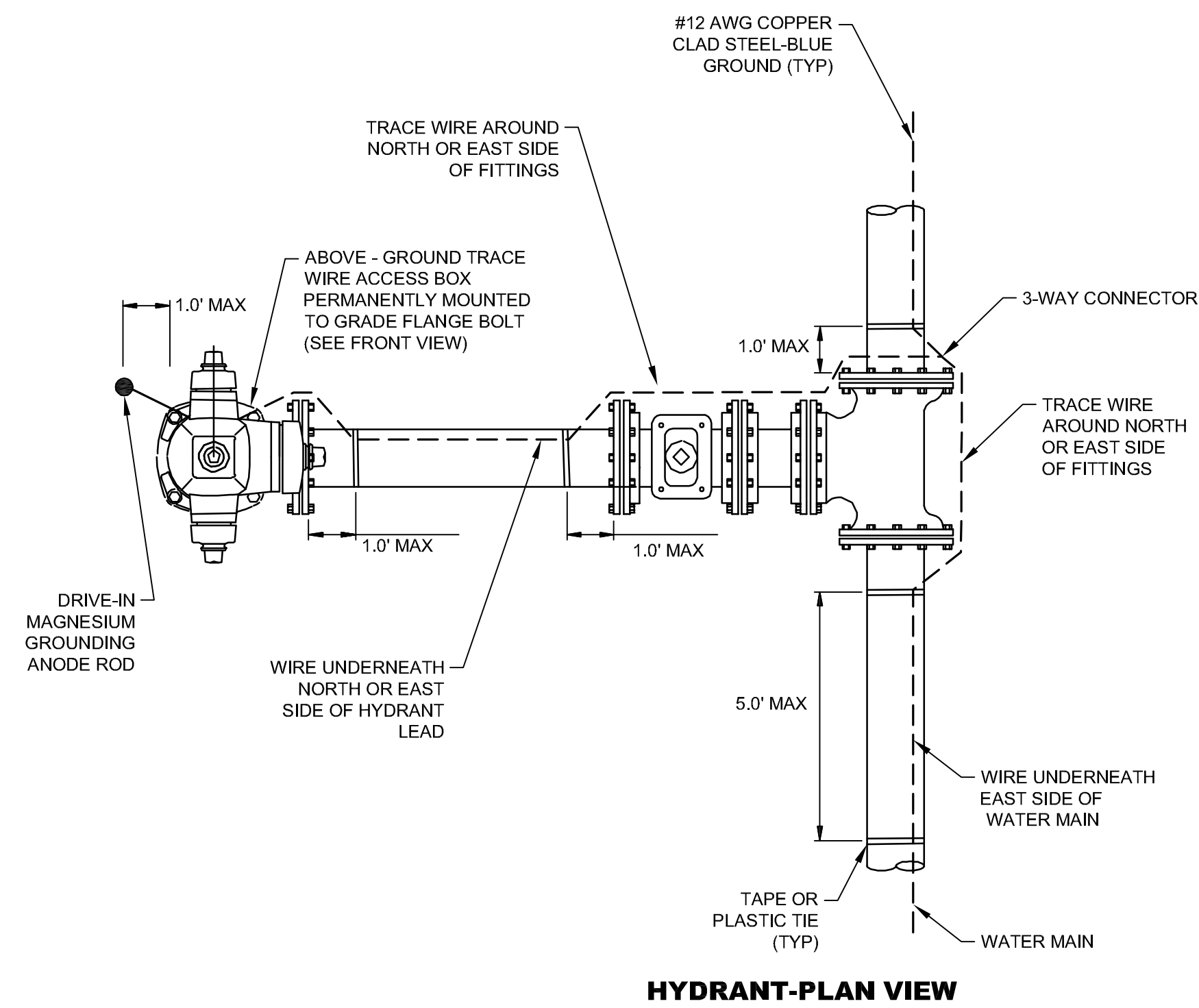


PLAN



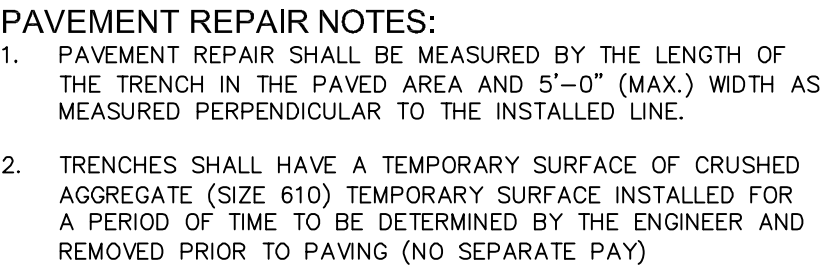
PLAN

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Drawing No.:	11254	Sheet No.:	18



NOTE:
WIRE SHOWN AWAY FROM PIPE FOR CLARITY. WIRE SHALL BE INSTALLED ON THE BOTTOM SIDE OF THE PIPE BELOW THE SPRING LINE. THE WIRE SHALL BE FASTENED TO THE PIPE WITH TAPE OR PLASTIC TIES AT 5' INTERVALS.

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Drawing No.: 11254		Sheet No. 19	



The diagram illustrates a cross-section of a road repair project. The existing road surface is shown on the left, with a 'LIMIT OF REMOVAL' line. A 'SAW CUT (FULL DEPTH OF EXIST. ASPHALT)' is indicated. The 'BASE FAILURE' is shown as a wavy line within the existing subgrade. The new construction consists of a '2 1/2" HOT MIX ASPHALT, ST, 19mm MIX' layer, followed by a '1 1/2" HOT MIX ASPHALT, ST, 9.5mm MIX' layer. The 'EXIST. SUBGRADE TO REMAIN IN PLACE' is shown on the right, with a 'LIMIT OF REMOVAL' line. A 'SAW CUT (FULL DEPTH OF EXIST. ASPHALT)' is also indicated on the right. The 'EXIST. SUBGRADE TO BE REMOVED AS NECESSARY TO REPAIR SUBGRADE, REPLACE WITH A MIN. OF 6" 610 CRUSHED AGGREGATE COMPACTED TO 95%' is shown as a hatched area below the new asphalt layers.

Diagram illustrating the cross-section of a road repair project, showing the removal of existing asphalt and the placement of new hot mix asphalt and subgrade.

Key components and dimensions shown:

- EXIST. SUBGRADE TO REMAIN IN PLACE** (Left side)
- SAW CUT (FULL DEPTH OF EXIST. ASPHALT)** (Left side)
- LIMIT OF REMOVAL** (Left side)
- 1'-0"** (Dimension for saw cut depth)
- REMOVE EXIST. ASPHALT PAVEMENT** (Central area)
- BASE FAILURE** (Central area)
- 1 1/2" HOT MIX ASPHALT, ST, 9.5mm MIX** (New asphalt layer)
- 2 1/2" HOT MIX ASPHALT, ST, 19mm MIX** (New asphalt layer)
- EXIST. SUBGRADE TO BE REMOVED AS NECESSARY TO REPAIR SUBGRADE, REPLACE WITH A MIN. OF 6" 610 CRUSHED AGGREGATE COMPACTED TO 95%** (Hatched area below new asphalt)
- EXIST. SUBGRADE TO REMAIN IN PLACE** (Right side)
- SAW CUT (FULL DEPTH OF EXIST. ASPHALT)** (Right side)
- LIMIT OF REMOVAL** (Right side)
- 1'-0"** (Dimension for saw cut depth)

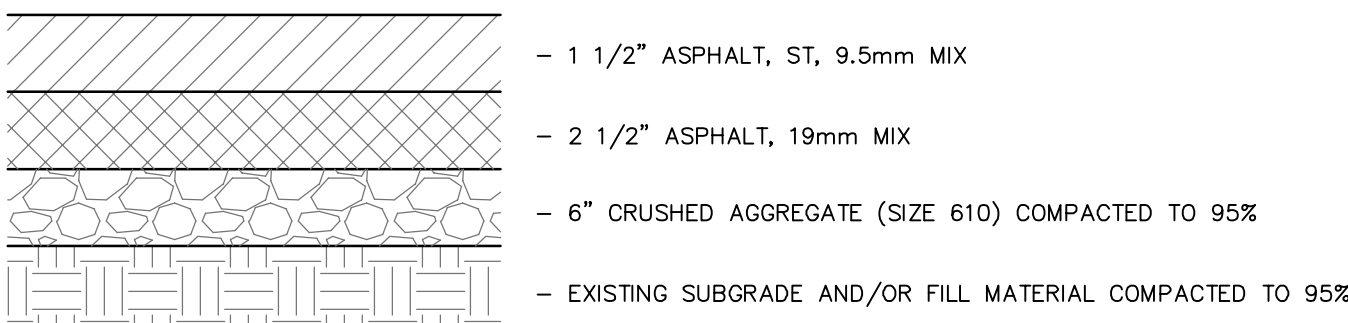
VARIES (MATCH EXIST.)

10'-0"

30°

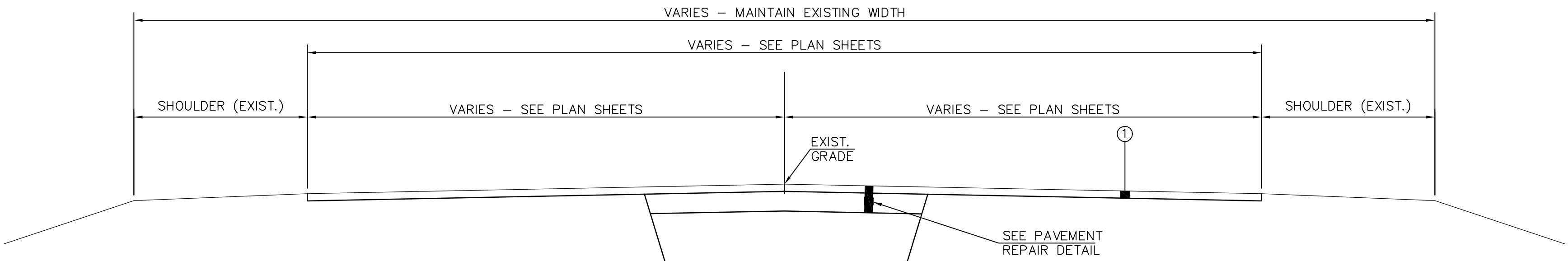
EDGE OF ROADWAY

APRON PLAN



APRON PAVING SECTION

TYPICAL PAVED APRON DETAIL
REQ'D AS NOTED ON PLANS



1. 1 1/2" ASPHALT ST. 9.5 mm MIX OVERLAY

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Drawing No.: 11254	Sheet No. <u>20</u>	

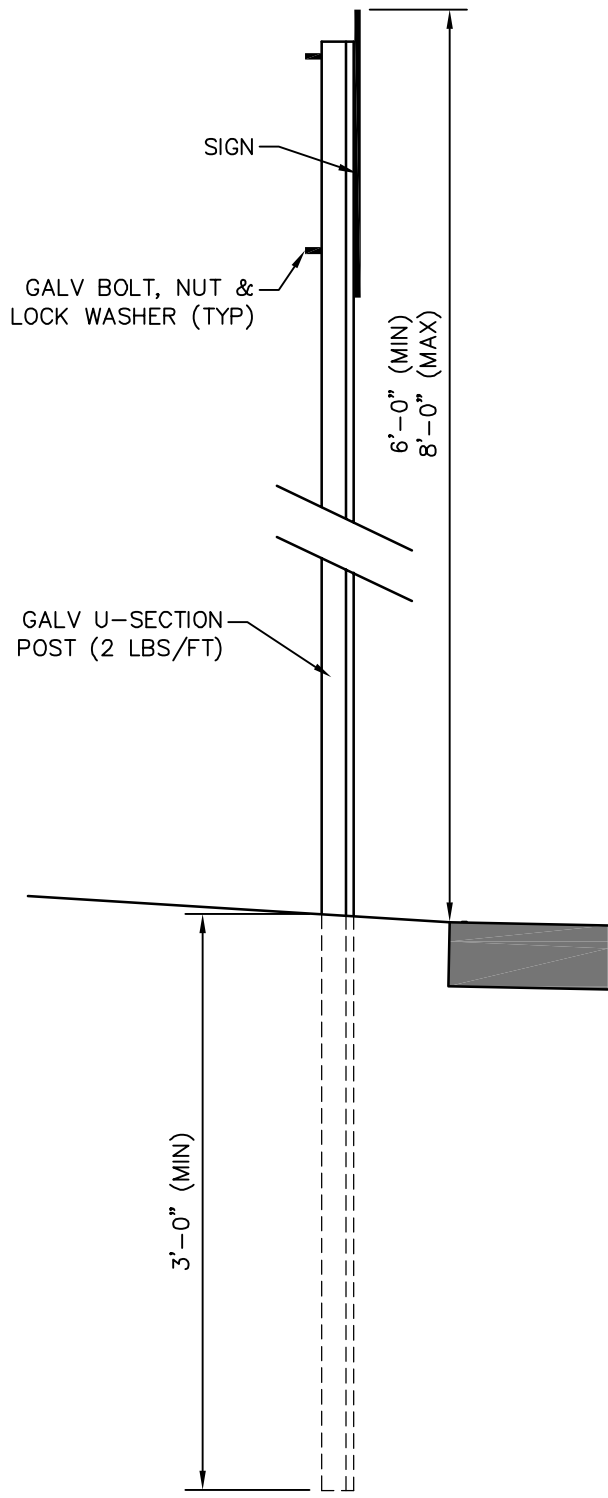
VEGETATION SCHEDULE						
EROSION CONTROL ITEMS		SEASONAL APPLICATIONS - DATES & RATES				REQUIREMENTS
		SPRING & SUMMER		FALL & WINTER		
	ITEMS	RATES	DATES	RATES	DATES	
	TOPSOIL FOR SLOPE TREATMENT (LVM)	4" THICK	MARCH 1 TO SEPTEMBER 1	4" THICK	SEPTEMBER 1 TO MARCH 1	TOPSOIL REQUIRED ON SLOPES DETERMINED BY THE ENGINEER DURING CONSTRUCTION
	STANDARD GROUND PREPARATION	PER SQ. FT.	MARCH 1 TO SEPTEMBER 1	PER SQ. FT.	SEPTEMBER 1 TO MARCH 1	GROUND PREPARATION REQUIRED ON AREAS TO RECEIVE SOLID SODDING OR SEEDING, AS APPLICABLE
	AGRICULTURAL LIMESTONE	3 TONS / ACRE	MARCH 1 TO SEPTEMBER 1	3 TONS / ACRE	SEPTEMBER 1 TO MARCH 1	LIMESTONE SHALL BE MECHANICALLY SPREAD UNIFORMLY AND INCORPORATED INTO THE SOIL PRIOR TO PLANTING
	COMBINATION FERTILIZER (13–13–13)	1000 LBS / ACRE	MARCH 1 TO SEPTEMBER 1	1000 LBS / ACRE	SEPTEMBER 1 TO MARCH 1	FERTILIZER SHALL BE MECHANICALLY SPREAD UNIFORMLY AND INCORPORATED INTO THE SOIL PRIOR TO PLANTING
	SUPER PHOSPHATE	0.5 TON / ACRE (EST)	MARCH 1 TO SEPTEMBER 1			SUPER PHOSPHATE (FOR BID ITEM PURPOSES)
	SEEDING (BERMUDA GRASS)	20 LBS / ACRE	MARCH 1 TO SEPTEMBER 1	20 LBS / ACRE	SEPTEMBER 1 TO MARCH 1	SEED REQUIRED ON DISTURBED AREAS. UNHULLED SEED MAY BE REQUIRED DURING THE DORMANT SEASON AS DIRECTED
	SEEDING (TALL FESCUE)			15 LBS / ACRE	AUGUST 15 TO MARCH 15	SEED REQUIRED IN DISTURBED AREAS
	SEEDING (CRIMSON CLOVER)			20 LBS / ACRE	AUGUST 15 TO MARCH 15	SEED REQUIRED ON DISTURBED AREA
	VEGETATIVE MATERIAL FOR MULCH	2 TONS / ACRE (EST)	MARCH 1 TO SEPTEMBER 1	2 TONS / ACRE (EST)	SEPTEMBER 1 TO MARCH 1	THE ENGINEER WILL DESIGNATE THE RATES OF APPLICABLE (SEE SUBSECTION 215–03.3)
	SOLID SODDING	PER SQ. YD.	MARCH 1 TO SEPTEMBER 1	PER SQ. YD.	SEPTEMBER 1 TO MARCH 1	SOLID SOD REQUIRED ON AREAS SPECIFIED IN THE CONTRACT OR BY THE ENGINEER
	WATERING	20 GAL / S.Y. (EST)	MARCH 1 TO SEPTEMBER 1	20 GAL. / S.Y. (EST)	SEPTEMBER 1 TO MARCH 1	TO BE USED AS DIRECTED IN THE PLANTING AND ESTABLISHING OF SOLID SOD
	INSECT PEST CONTROL	PER ACRE		PER ACRE		SEE SECTION 220
TEMPORARY EROSION CONTROL ITEMS						
	LIGHT GROUND PREPARATION	PER SQ. YD.		PER SQ. YD.		APPROXIMATELY HALF SQ.YD. STANDARD GROUND PREPARATION
	COMBINATION FERTILIZER (13–13–13)	0.25 TONS/ ACRE		0.25 TONS/ ACRE		QUANTITY BASED ON LIGHT GROUND PREPARATION
	SEEDING (BROWN TOP MILLET)	20 LBS / ACRE	APRIL 1 TO AUGUST 31			QUANTITY BASED ON LIGHT GROUND PREPARATION
	SEEDING (RYE GRASS)			25 LBS / ACRE	SEPTEMBER 1 TO MARCH 31	QUANTITY BASED ON LIGHT GROUND PREPARATION
	SEEDING (OATS)			90 LBS / ACRE	SEPTEMBER 1 TO DECEMBER 15	QUANTITY BASED ON LIGHT GROUND PREPARATION
	VEGETATIVE MATERIAL FOR MULCH	1 TON / ACRE (EST)		1 TON / ACRE (EST)		QUANTITY BASED ON LIGHT GROUND PREPARATION

- ① ALL AREAS THAT HAVE BEEN VEGETATED, UNDER THIS CONTRACT, FOR AT LEAST (60) SIXTY DAYS, SHALL RECEIVE ADDITIONAL APPLICATION(S) OF FERTILIZER(S) OF THE TYPE(S) AND RATE(S) OF APPLICATIONS AS DETERMINED BY SOIL TEST OR AS DIRECTED DURING THE GROWING SEASONS THE CONTRACT IS IN FORCE. GROUND PREPARATION WILL NOT BE REQUIRED FOR THE ADDITIONAL APPLICATIONS.
- ② PROPOSAL QUANTITIES ESTIMATED ON THE BASIS THAT 100% OF THE ACREAGE WILL BE SEEDDED.
- ③ PROPOSAL QUANTITIES ESTIMATED ON THE BASIS THAT 50% OF THE ACREAGE WILL BE SEEDDED.
- ④ QUANTITY ESTIMATED ON THE BASIS THAT 50% OF THE ACREAGE VEGETATED MAY REQUIRED TREATMENT.
- ⑤ THIS ITEM MAY BE OMITTED ON AREAS SELECTED BY THE ENGINEER.
- ⑥ BAHIAGRASS WILL NOT BE PERMITTED AS A MULCH MATERIAL.
- ⑦ PROPOSAL QUANTITIES ESTIMATED ON THE BASIS THAT 75% OF THE ACREAGE SEEDDED MAY REQUIRE TOPSOIL

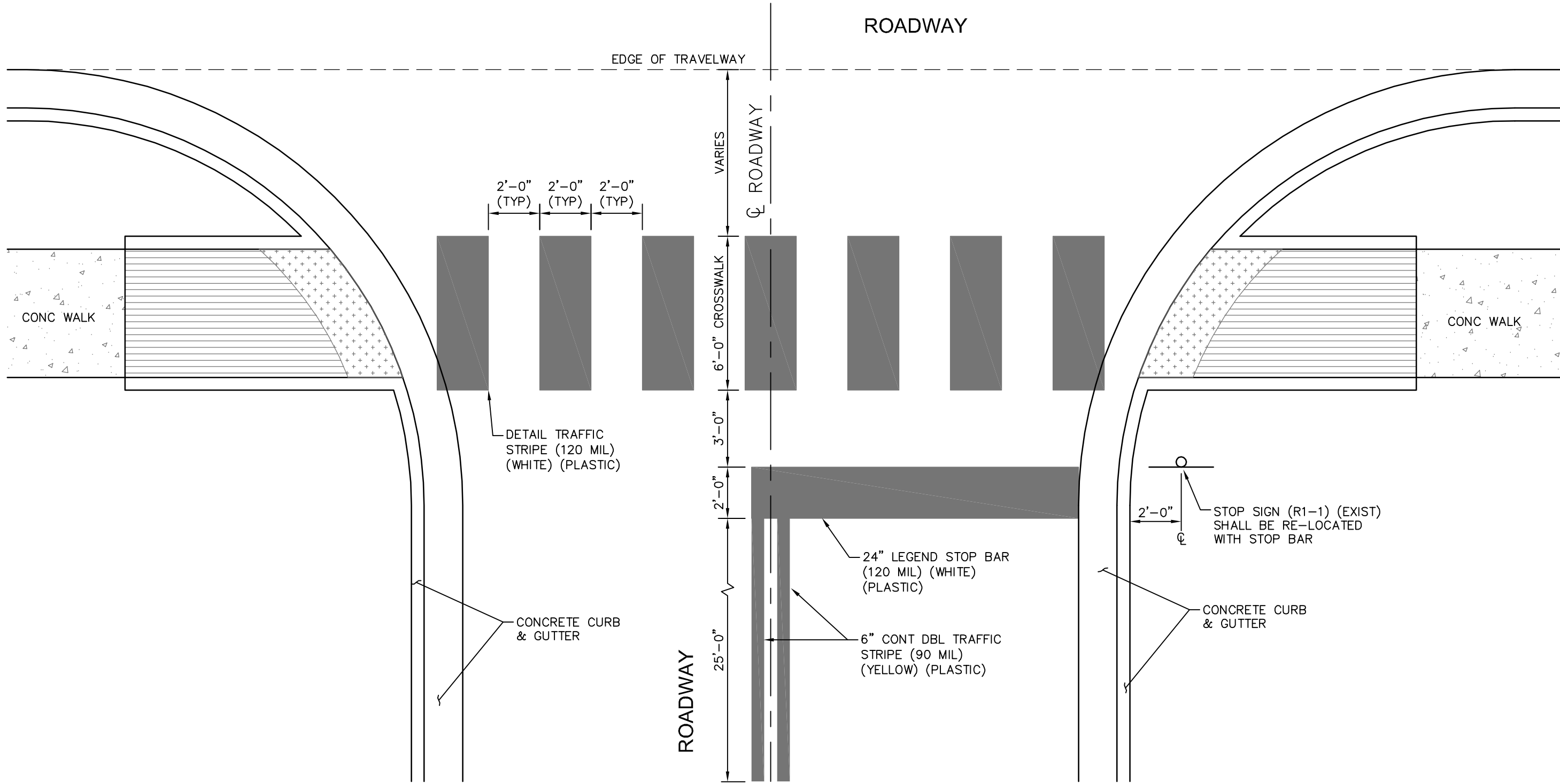
TEMPORARY EROSION CONTROL ITEMS REQUIRED FOR DETOURS

ITEM	RATE	SEASONAL LIMITATIONS
STANDARD GROUND PREPARATION	---	---
COMBINATION FERTILIZER (13-13-13)	500 LBS/ACRE	---
SEEDING (BERMUDA GRASS)	10 LBS/ACRE	---
SEEDING (TALL FESCUE)	20 LBS/ACRE	AUGUST 15 TO MARCH 15
VEGETATIVE MATERIAL FOR MULCH	2 LBS/ACRE	---

NOTE: ALL VEGETATION ON THIS PROJECT SHALL BE PAID FOR UNDER AS OUTLINED IN THE BID PROPOSAL. ITEMS SHALL BE APPLIED USING THE RATES OF APPLICATION AS SHOWN ON THIS SHEET AND WILL NOT BE MEASURED FOR SEPARATE PAYMENT.



TYPICAL SIGN INSTALLATION SECTION DETAIL
(FOR SIGN REPAIR)



TYPICAL INTERSECTION CROSSWALK & STOP BAR PAVEMENT MARKING DETAIL

NO.	DATE	DESCRIPTION	BY
VEGETATION SCHEDULE & MISC DETAILS			
INFRASTRUCTURE IMPROVEMENTS CITY OF HATTIESBURG FORREST COUNTY, MISSISSIPPI			
sdw Engineering Progress 301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by:	RES\BT	Checked by:	KDW
Date:	01-22-2018	Working No.:	VS1
Drawing No.:	11254	Sheet No.:	21

STANDARD INSTALLATION DETAIL

TABLE 1:

BEDDING AND BACKFILL REQUIREMENTS FOR NON-RIGID PIPE IN CROSS-DRAIN AND STORM-DRAIN APPLICATIONS

A. Bedding shall be Class B in accordance with Subsection 603.03.2 of the Mississippi Standard Specifications for Road and Bridge Construction, latest edition.

B. Backfill material shall be one of the following:

1. Flowable Fill in accordance with Section 631 of the Mississippi Standard Specifications for Road and Bridge Construction, latest edition.
2. Crushed Stone Aggregate Backfill in accordance with Subsection 703.04.03 of the Mississippi Standard Specifications for Road and Bridge Construction, latest edition.

If Backfill material 1 is utilized, care shall be taken to prevent "floating" of pipe.

The cost of furnishing and placing the required bedding and backfill material indicated in A & B shall be included in the unit cost of the non-rigid pipe alternate, i.e., there will be no separate pay item for non-rigid pipe bedding and backfill material.

BEDDING AND BACKFILL REQUIREMENTS FOR NON-RIGID PIPE IN SIDE DRAIN APPLICATIONS

A. Bedding shall be Class C in accordance with Subsection 603.03.2 of the Mississippi Standard Specifications for Road and Bridge Construction, latest edition.

B. Backfill material shall be in accordance with Subsection 203.03.8.6 of the Mississippi Standard Specifications for Road and Bridge Construction, latest edition. Pipes that serve as a side-drain on Departmental ROW, but travel under a county or local road shall adhere to the bedding and backfill requirements for a cross-drain contained above.

The cost of furnishing and placing the required bedding and backfill material indicated in A & B shall be included in the unit cost of the non-rigid pipe alternate, i.e. there will be no separate pay item for non-rigid pipe bedding and backfill material.

TABLE 2:
HIGH DENSITY CORRUGATED POLYETHYLENE PIPE
HEIGHT OF COVER
H-20 AND E-80 LIVE LOADS

NOMINAL IN.	DIAMETER (MM)	MINIMUM COVER (MM)		MAXIMUM COVER FT. & (M)
		H-20	E-80	
12	(300)	12 (300)	24 (600)	50 (15.24)
15	(375)	12 (300)	24 (600)	50 (15.24)
18	(450)	12 (300)	24 (600)	45 (13.72)
24	(600)	12 (300)	24 (600)	40 (12.19)
30	(750)	12 (300)	24 (600)	40 (12.19)
36	(900)	12 (300)	24 (600)	35 (10.67)
42	(1050)	12 (300)	24 (600)	35 (10.67)
48	(1200)	12 (300)	24 (600)	30 (9.14)

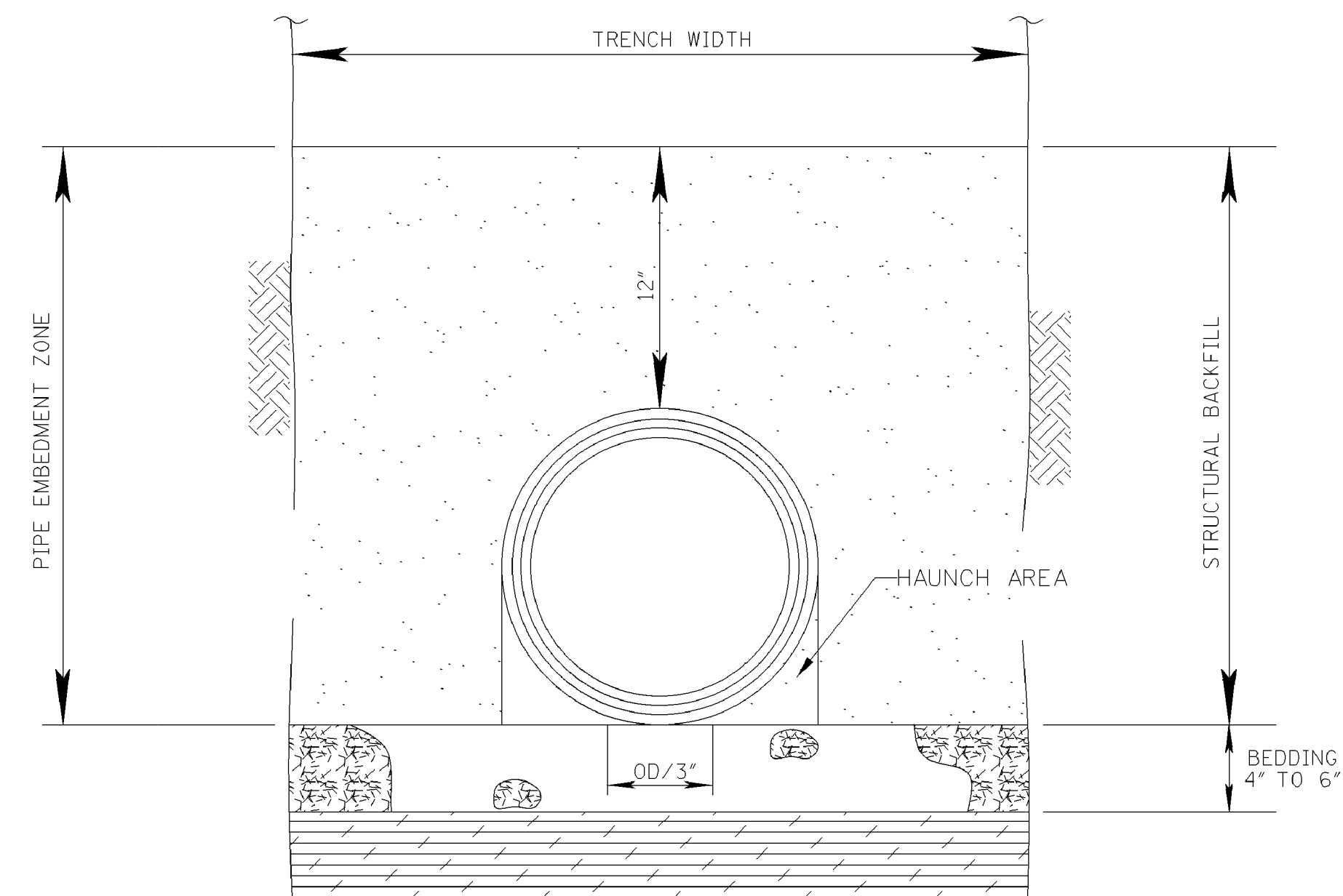
TABLE 3: RECOMMENDED TRENCH WIDTH

DIAMETER	O.D.	TRENCH WIDTH
12"	14.45"	34"
15"	17.57"	38"
18"	21.20"	44"
24"	27.80"	54"
30"	35.10"	65"
36"	41.70"	75"
42"	47.70"	84"
48"	53.60"	92"

The trench width must be wide enough to accomodate compaction equipment.

TABLE 4: MULTIPLE INSTALLATION OF POLYETHYLENE PIPES

DIAMETER OF PIPE		CLEAR DISTANCES BETWEEN PIPES	
IN.	(MM)	FT.	(M)
18	(450)	1' 2"	(0.36)
24	(600)	1' 5"	(0.44)
30	(750)	1' 8"	(0.52)
36	(900)	1' 11"	(0.60)
42	(1050)	2' 2"	(0.68)
48	(1200)	2' 5"	(0.76)



TRENCH CROSS SECTION SHOWING TERMINOLOGY

NOTES:

1. MATERIALS

THERMOPLASTIC PIPE

POLYETHYLENE PIPE SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 294, LATEST EDITION.
DESIGNATION OF TYPE: TYPE S: THIS PIPE WILL HAVE A FULL CIRCULAR CROSS SECTION, WITH AN OUTER CORRUGATED PIPE WALL AND A SMOOTH INNER LINER.

BEDDING MATERIAL AND STRUCTURAL BACKFILL

BEDDING AND STRUCTURAL BACKFILL SHALL MEET THE REQUIREMENTS OF TABLE 1.

2. JOINTS

JOINTS FOR THERMOPLASTIC PIPE SHALL MEET THE PERFORMANCE REQUIREMENTS OF SOILTIGHTNESS UNLESS WATERTIGHTNESS IS SPECIFIED.

SUITABLE JOINTS CAN BE OBTAINED WITH THE FOLLOWING TYPES OF CONNECTIONS:

- A) CORRUGATED BANDS (WITH OR WITHOUT GASKETS)
B) BELL AND SPIGOT PIPE ENDS (WITH OR WITHOUT GASKETS)
C) DOUBLE BELL COUPLINGS (WITH OR WITHOUT GASKETS)

3. INSTALLATION

MINIMUM TRENCH WIDTHS SHALL MEET THE REQUIREMENTS OF TABLE 3.
THE MIDDLE THIRD OF THE BEDDING MATERIAL UNDER THE PIPE SHOULD BE LOOSELY PLACED, WHILE THE REMAINDER SHALL BE COMPACTED TO A MINIMUM 90% OF MAXIMUM DENSITY PER AASHTO T 99.
A MINIMUM OF 4 INCHES OF BEDDING SHALL BE PROVIDED PRIOR TO PLACEMENT OF THE PIPE.
STRUCTURAL BACKFILL SHALL BE PLACED AND COMPACTED IN LAYERS NOT EXCEEDING AN 8 INCH LOOSE LIFT THICKNESS AND BROUGHT UP EVENLY ON BOTH SIDES OF THE PIPE TO AN ELEVATION NOT LESS THAN 12 INCHES ABOVE THE TOP OF THE PIPE. A MINIMUM COMPACTION LEVEL OF 90% STANDARD DENSITY PER AASHTO T 99 SHALL BE ACHIEVED.
MINIMUM COVER REQUIREMENTS SHALL MEET THE REQUIREMENTS OF TABLE 2.
FOR MULTIPLE INSTALLATION OF POLYETHYLENE PIPES, A CLEAR DISTANCE BETWEEN PIPES SHALL MEET THE REQUIREMENTS OF TABLE 4.

4. CALCULATIONS FOR FILL DEPTHS ARE BASED ON PROPERTIES DEFINED IN AASHTC M294 AND CALCULATIONS IN AASHTO SEC. 18.

							BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION											
							REVISION	FLEXIBLE PIPE STANDARD											
							DATE	FILENAME: _____										WORKING NUMBER HDPE-1	
							DESIGN TEAM	_____										SHEET NUMBER 22	
							CHECKED	_____											
							DATE	_____											

- NOTES:
1. "J-HOOK" CONFIGURATION SILT FENCE APPLICATIONS ARE TO BE USED IN CONJUNCTION WITH PERIMETER SILT FENCE WHEN STORMWATER RUNOFF IS IN TWO DIRECTIONS (DOWN A FILL SLOPE AND DOWN GRADIENT ALONG THE RIGHT-OF-WAY).
 2. "SMILE CONFIGURATION" APPLICATIONS ARE TO BE USED AS PERIMETER SILT FENCE WHEN THERE IS ONE-DIRECTIONAL FLOW DOWN A SLOPE.
 3. SAND BAGS CAN BE USED AS DIVERSION BERMS TO PREVENT SEDIMENT FROM BEING WASHED ONTO OR ACROSS HARD SURFACES, OR TO HELP SLOW SHEET FLOW VELOCITY WHEN DRAINING AWAY FROM HARD SURFACES.
 4. FOR SHORTER SLOPES AND/OR SLOPES THAT ARE LESS STEEP, DIVERSION BERMS CAN BE USED TO SAFELY CONVEY STORMWATER AWAY FROM OR AROUND A DENUDED AREA. THEY CAN BE CONSTRUCTED USING A MANUFACTURED SILT DIKE OR BY CONSTRUCTING A TEMPORARY EARTH BERM AND TRENCH WITH GEOTEXTILE OR POLYETHYLENE SHEETING PROTECTION.
 5. TEMPORARY DEWATERING STRUCTURES CAN BE USED DURING CULVERT CONSTRUCTION, STREAM DIVERSIONS, OR OTHER CONSTRUCTION ACTIVITIES WHERE TURBID WATERS NEED TO BE CLARIFIED BEFORE RELEASE.
 6. THE ABUTMENT SLOPE TOE BERM SHALL BE 3 FEET TALL. THE BERM MAY BE CONSTRUCTED WITH ROCK IN ACCORDANCE WITH REQUIREMENTS FOR ROCK DITCH CHECKS ON ECD-8 OR WITH SOIL IN ACCORDANCE WITH TEC-2 IF BERM IS USED. IT MUST BE GRASSED

TYPE OF DITCH CHECKS
SEE ECD-4

FOR STABILIZED CONSTRUCTION
ENTRANCE.

DIVERSION BERM
(SEE NOTE 4)

SILT FENCE AT
TOE OF SLOPE
SEE ECD-3

"J-HOOK" CONFIGURATION
SILT FENCE. (SEE NOTE 1
THIS SHEET AND ECD-3)

FOR INLET PROTECTION
SEE ECD-11

TEMPORARY EARTH BERM
AND SLOPE DRAINS
SEE TEC-2.

TEMPORARY BRUSH
BARRIER SEE ECD-2.

300' MAX BETWEEN SLOPE DRAINS
SILT FENCE
"SMILE CONFIGURATION"
SEE NOTE 2 THIS SHEET
AND ECD-2

ABUTMENT SLOPE TOE BERM
SEE NOTE 6.

FOR TURBIDITY CURTAIN
SEE ECD-19

FOR TEMPORARY STREAM
CROSSING SEE ECD-16

SAND BAGS ON
HARD SURFACES
(SEE NOTE 3)

TEMPORARY ROCK DITCH CHECK
WITH SUMP EXCAVATION
SEE ECD-9

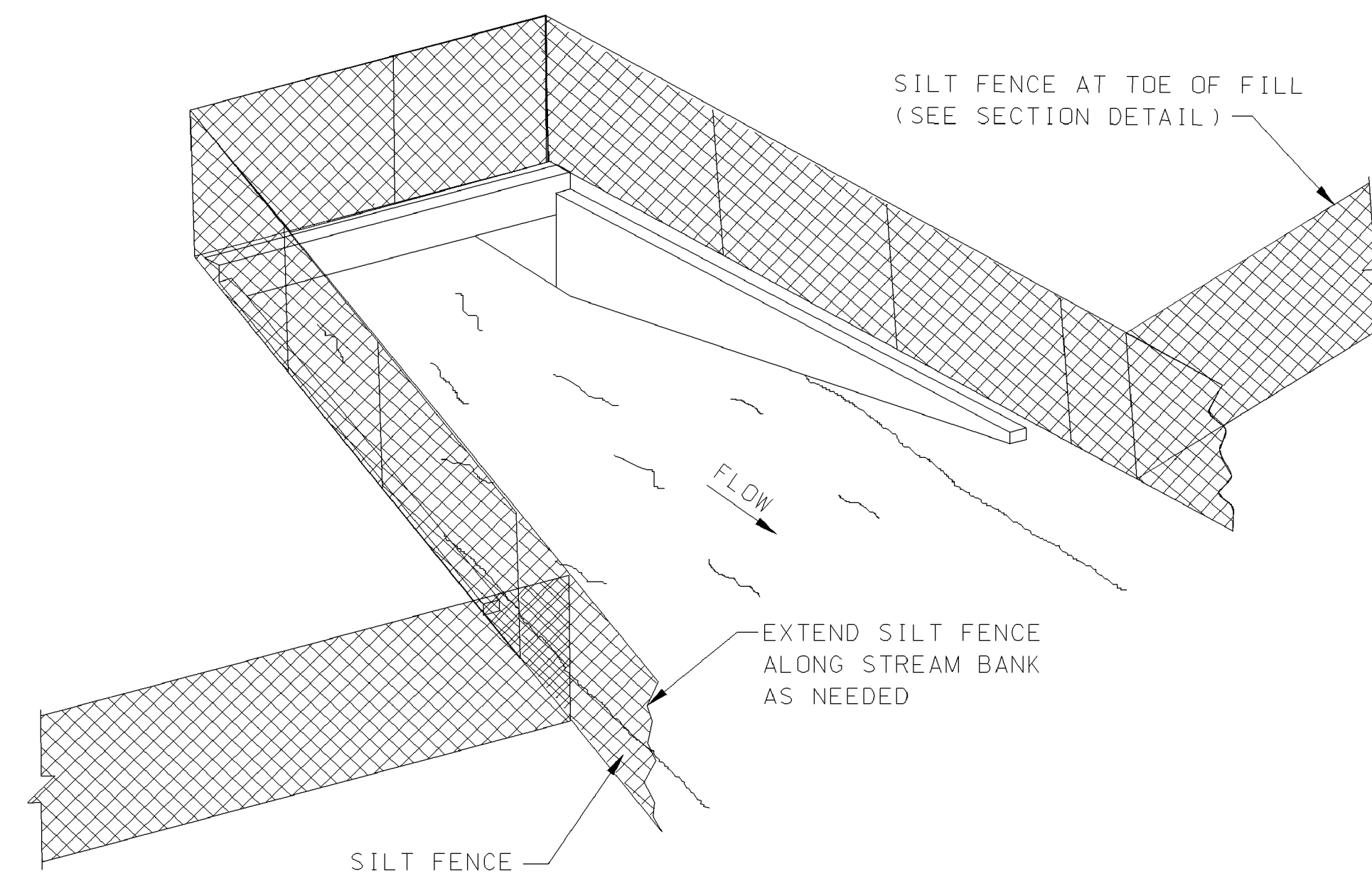
WATERCOURSE CROSSING
THE PROJECT SITE
(SEE ECD-16 FOR
TEMPORARY STREAM CROSSING)

EROSION CONTROL
VEGETATION OR
OTHER COVER

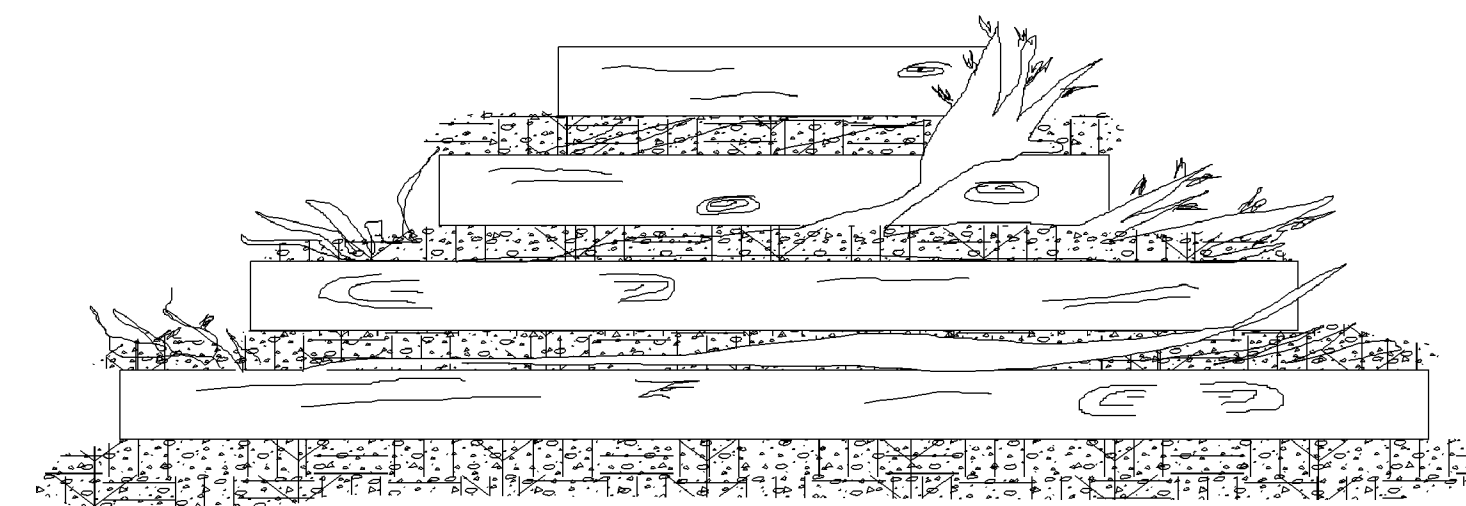
MATERIAL STOCKPILE
SEDIMENT BARRIER

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION		TYPICAL TEMPORARY EROSION/ SEDIMENT CONTROL APPLICATIONS	
DATE	FILENAME: EROSION CONTROL\ECD-1.DGN	WORKING NUMBER ECD-1	SHEET NUMBER 23
DESIGN TEAM	CHECKED	DATE	

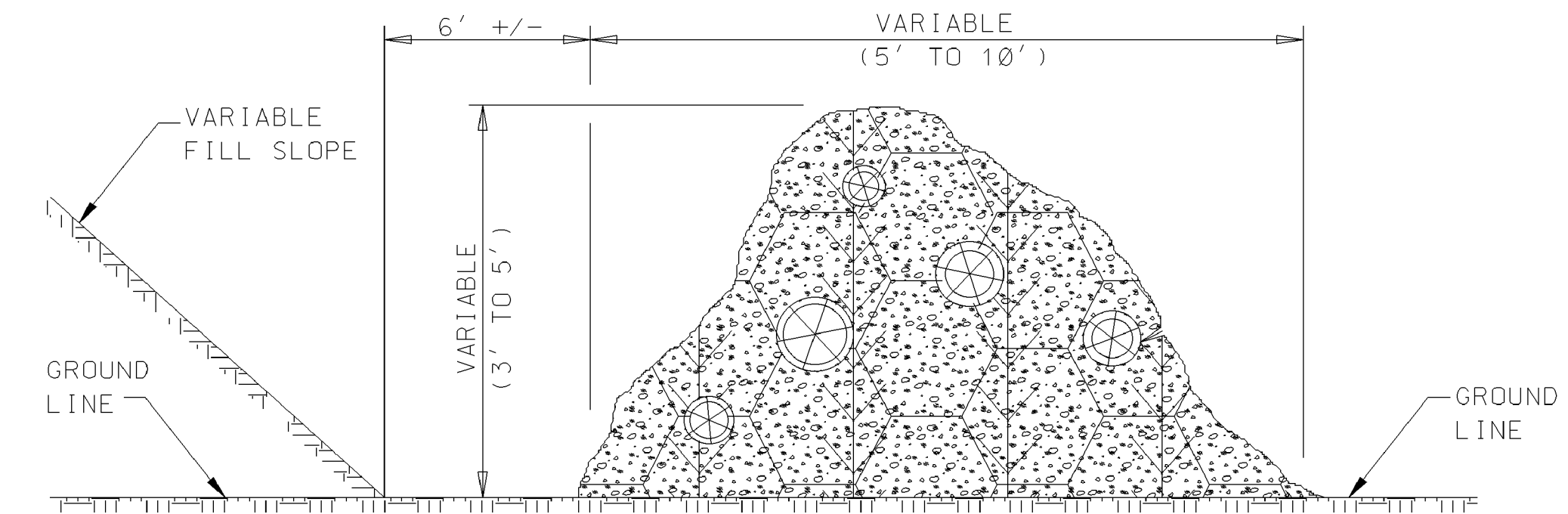
STATE	PROJECT NO.
MISS.	



SEDIMENT BARRIER AT CROSS DRAIN



FRONT ELEVATION



SIDE ELEVATION

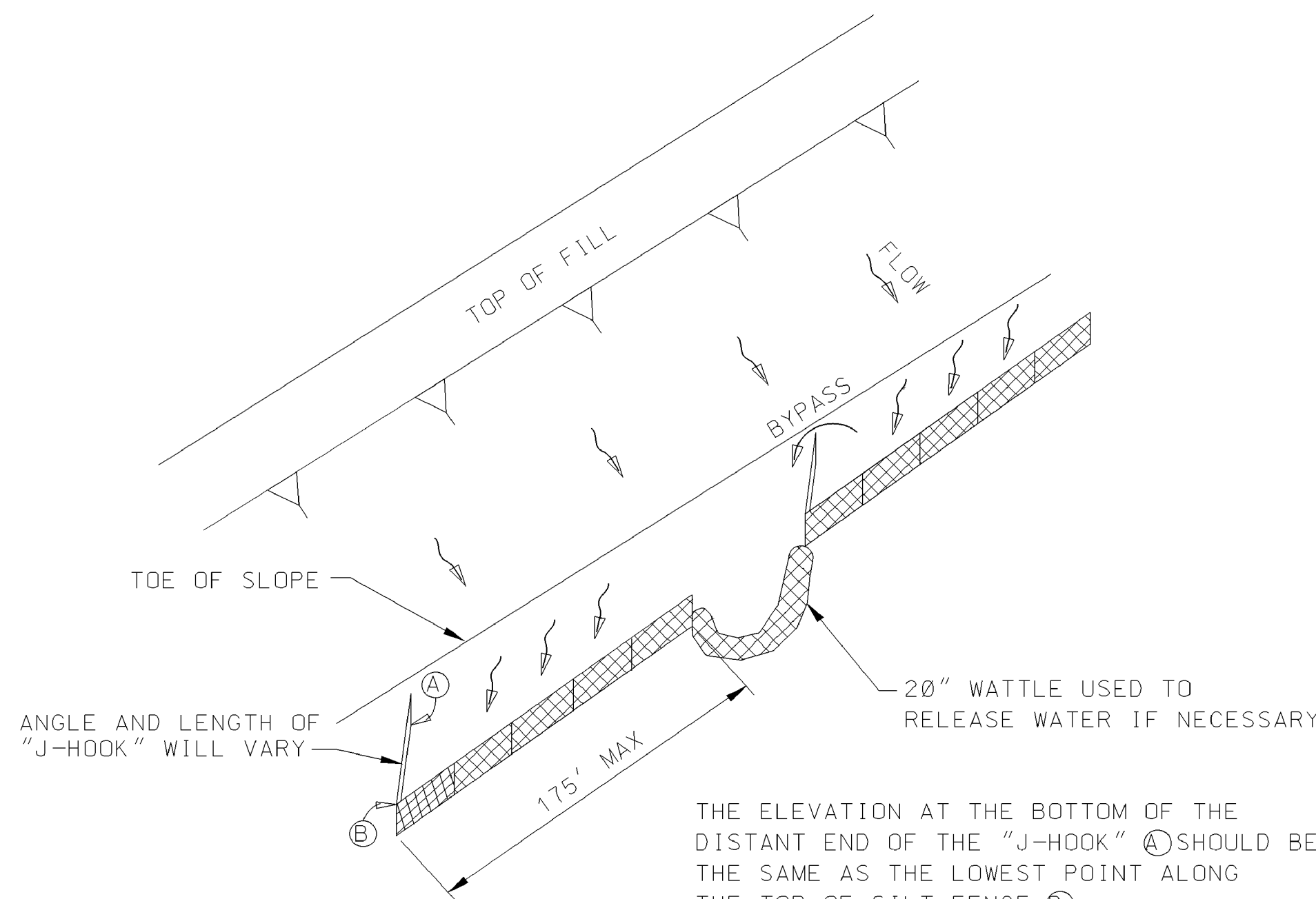
TEMPORARY BRUSH BARRIER

NOTES:

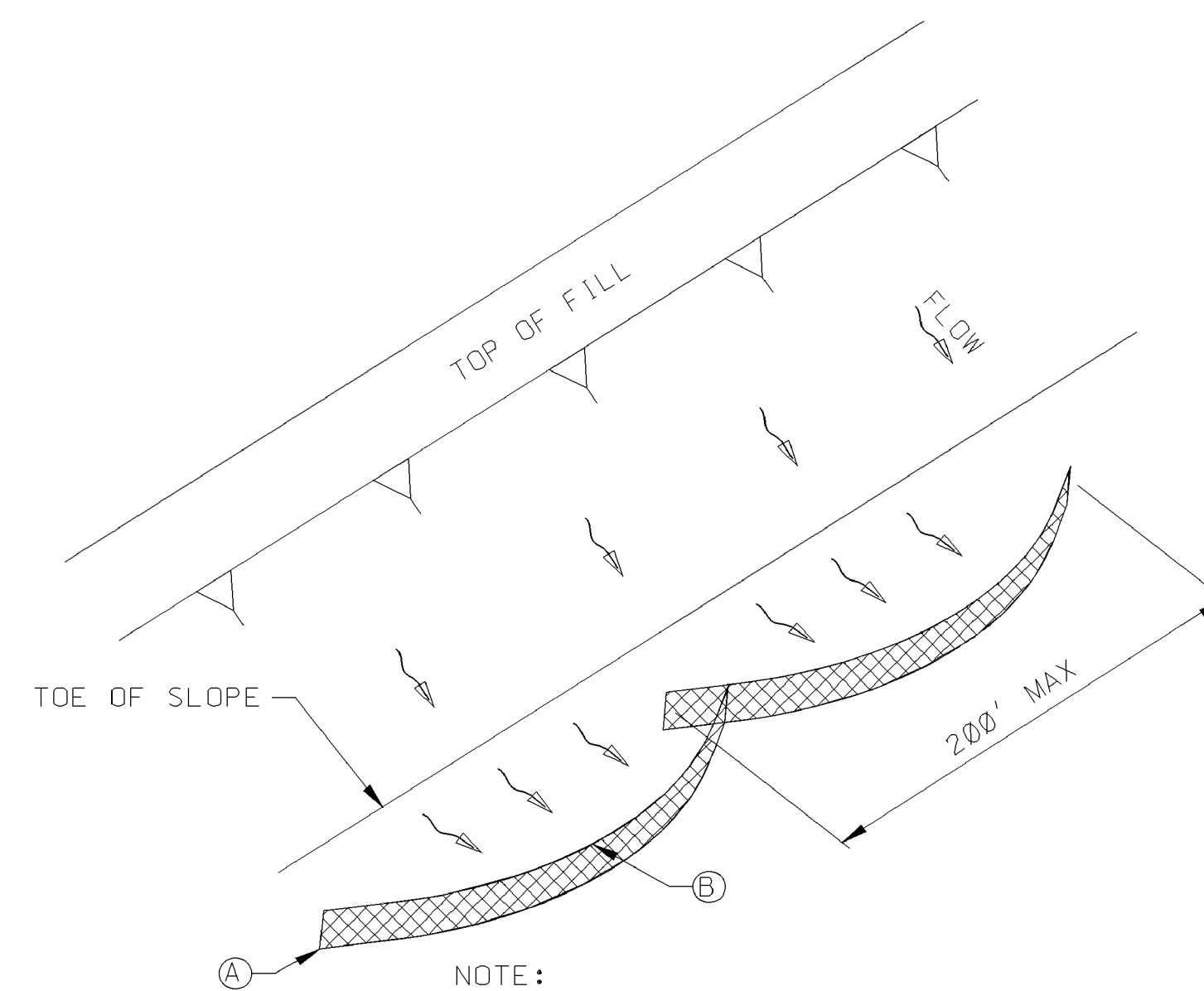
1. BRUSH BARRIER MAY BE USED WHERE NATURAL GROUND IS LEVEL OR SLOPING AWAY FROM PROJECT.
2. PLACE BRUSH, LOG AND TREE LAPS APPROXIMATELY PARALLEL TO TOE OF FILL SLOPE WITH SOME OF THE HEAVIER MATERIALS BEING PLACED ON TOP TO PROPERLY SECURE THE BARRIER AS DETAILED AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED OR PERMITTED BY THE ENGINEER.
3. TO ALLOW WATER TO SEEP THROUGH BRUSH BARRIER, INTERMINGLE THE BRUSH, LOG AND TREE LAPS SO AS NOT TO FORM A SOLID DAM.
4. THE BRUSH BARRIER MAY BE CHOKED WITH FILTER FABRIC.
5. TEMPORARY BRUSH BARRIER WILL NOT BE MEASURED FOR SEPERATE PAYMENT

NOTE:

1. ANCHOR AND INSTALL SILT FENCE PER DETAILS SHOWN ON ECD-3



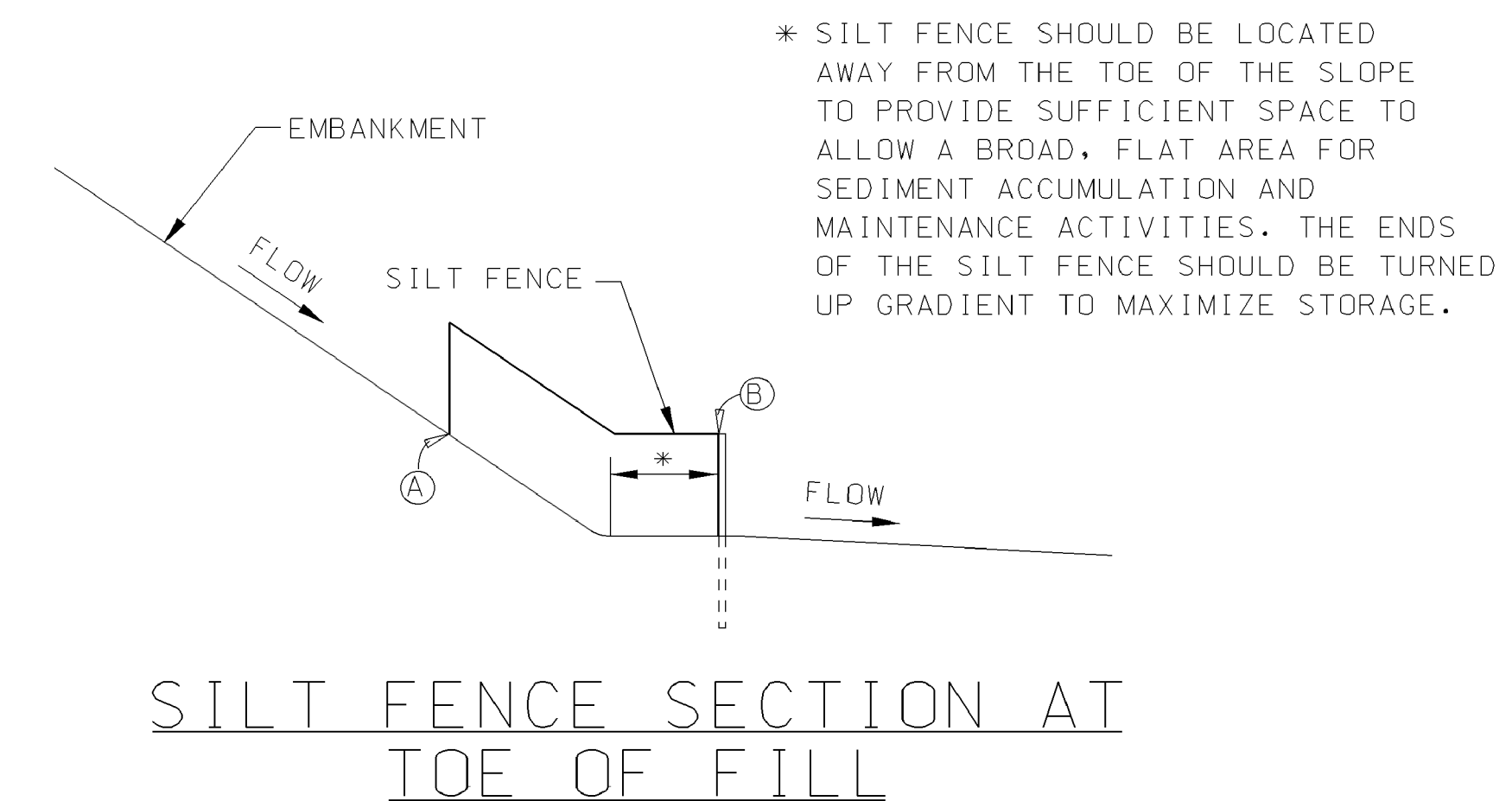
"J-HOOK" SILT FENCE APPLICATION



NOTE:

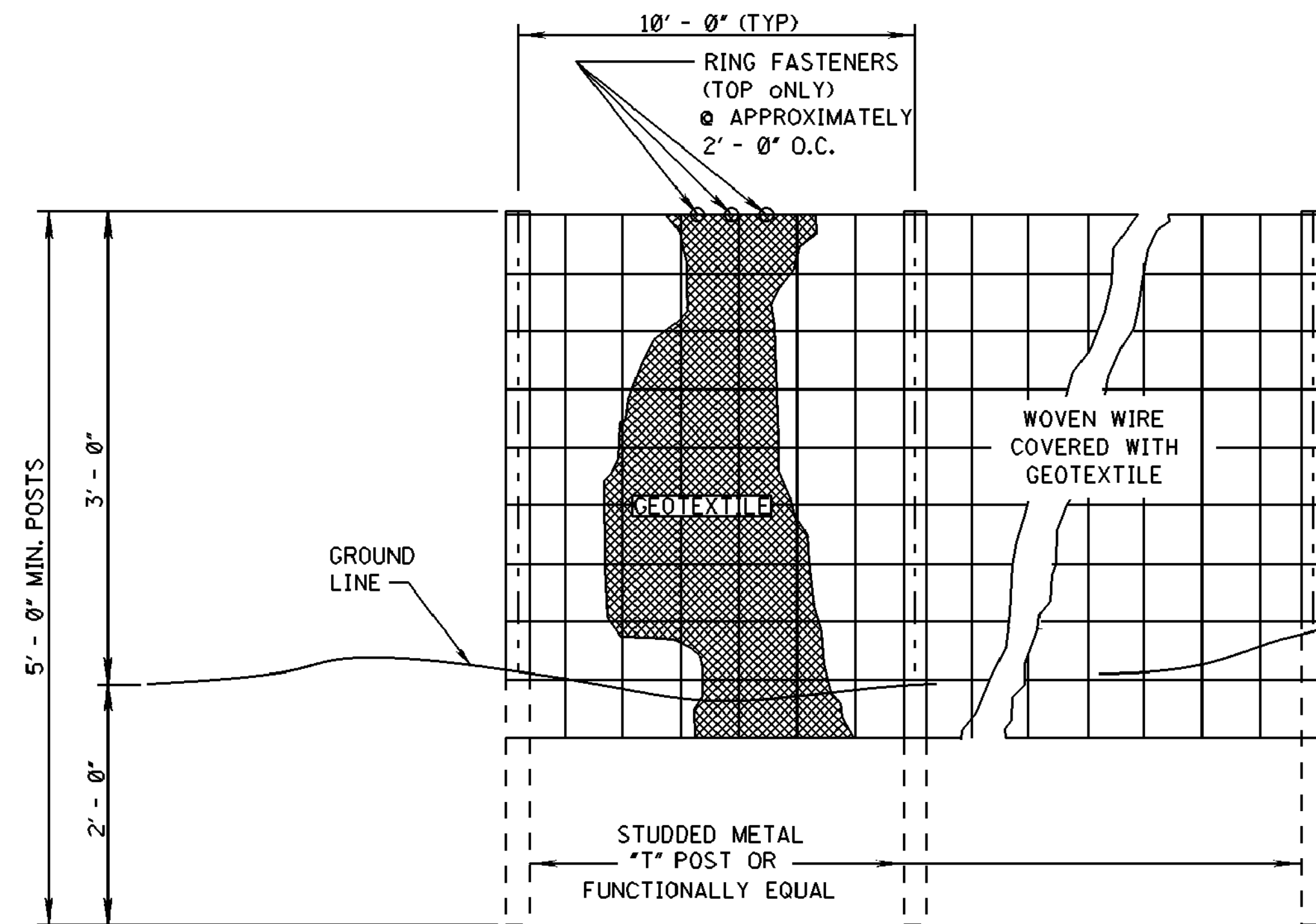
1. EL. A = EL. B TO MAXIMIZE STORAGE.

"SMILE-CONFIGURATION" SILT FENCE APPLICATION

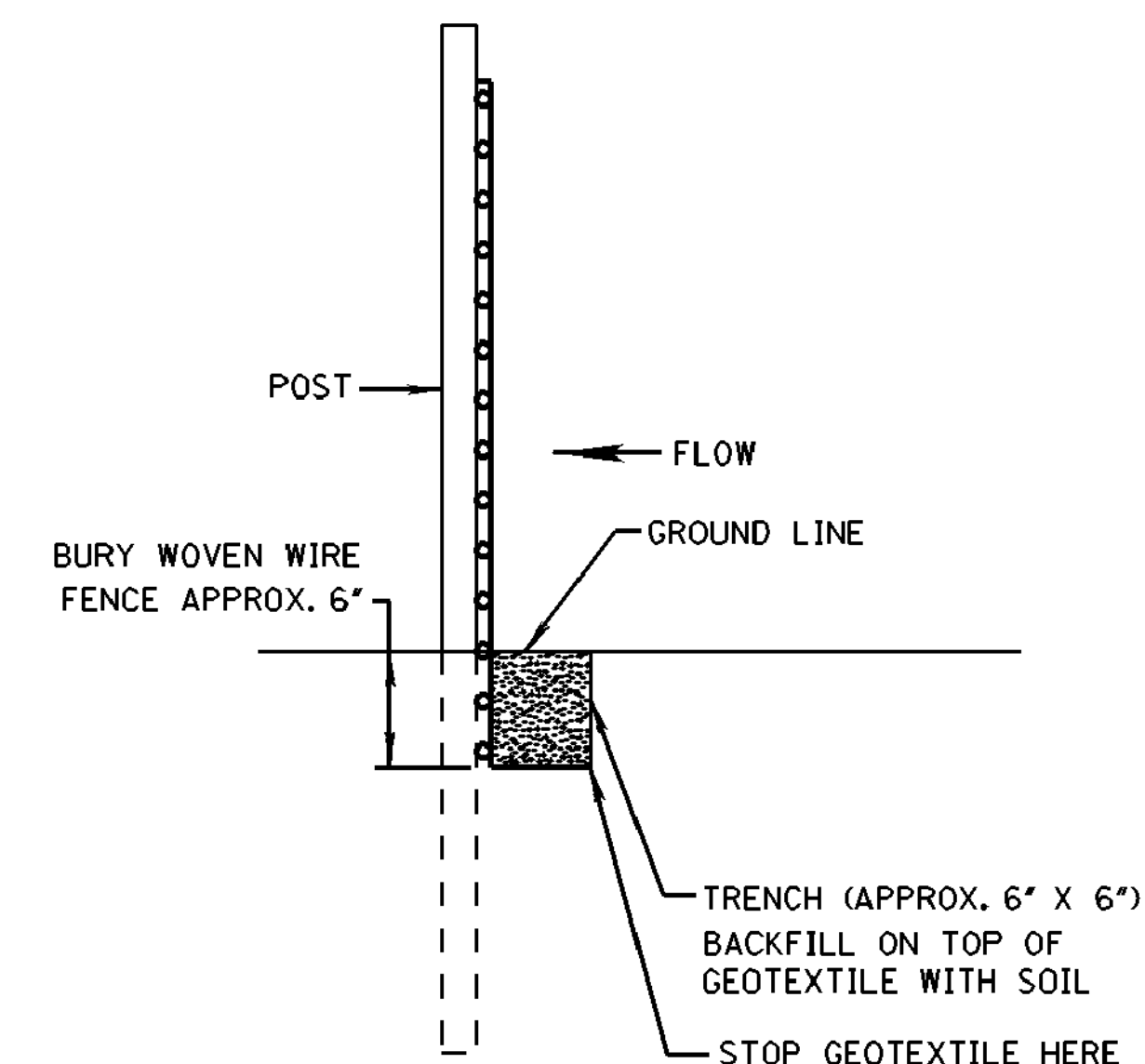


SILT FENCE SECTION AT TOE OF FILL

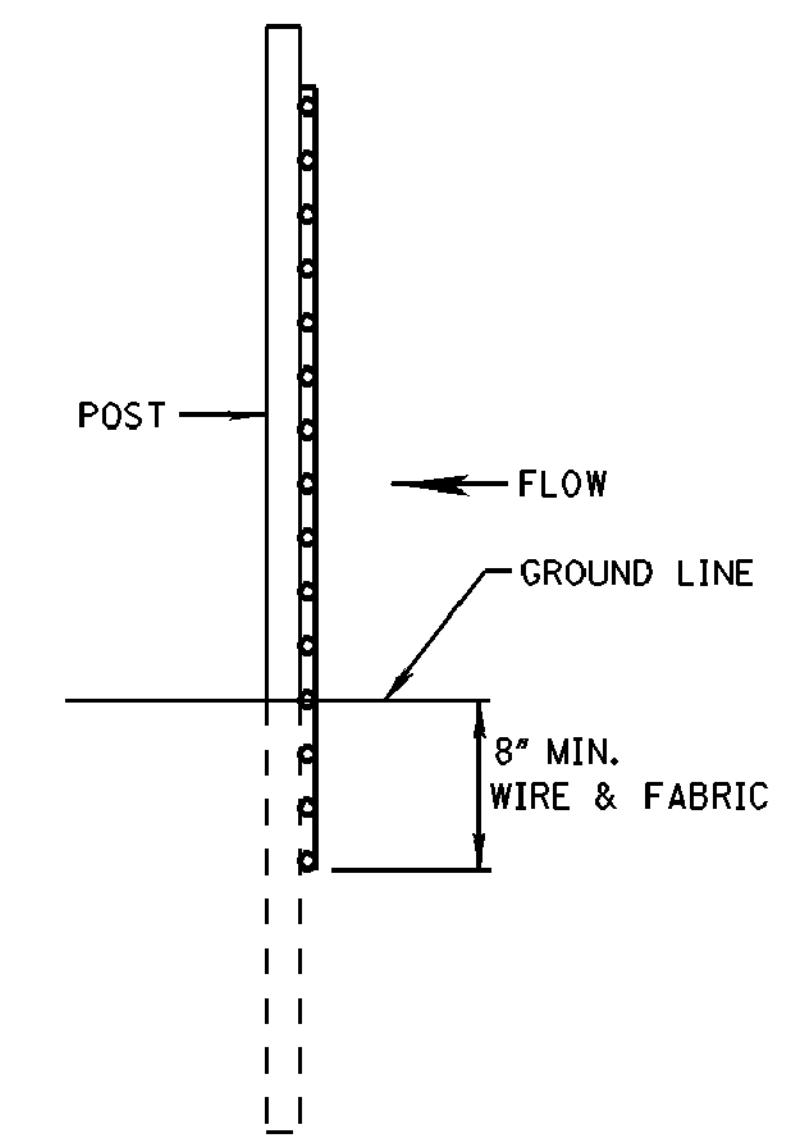
MISSISSIPPI DEPARTMENT OF TRANSPORTATION				WORKING NUMBER
DETAILS OF SEDIMENT BARRIER APPLICATIONS				ECD-2
DATE	FILENAME: EROSION CONTROL\ECD-2.DGN	SHEET NUMBER		24
DESIGN TEAM	CHECKED	DATE		



ELEVATION VIEW



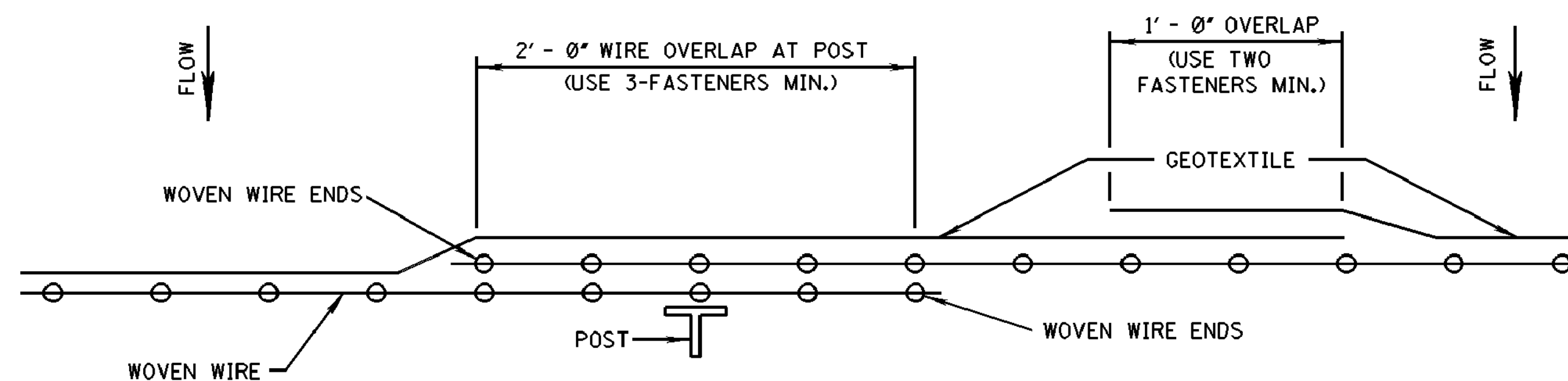
METHOD I



METHOD II
MECHANICAL INSTALLATION

SIDE VIEW

- NOTES:
1. SILT FENCES SHALL BE USED IN AREAS WHERE FLOW IS NOT SEVERE.
 2. SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHALL BE ERRECTED OPPOSITE ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STREAMS AND CHANNELS.
 3. SILT FENCE SHOULD BE PLACED WELL INSIDE RIGHT-OF-WAY AND ALONG EDGE OF CLEARING LIMITS. THIS WILL ALLOW ROOM FOR A BACK-UP FENCE IF FIRST FENCE BECOMES FULL.
 4. WHEREVER POSSIBLE SILT FENCE SHALL BE CONSTRUCTED ACROSS A LEVEL AREA IN THE SHAPE OF A SMILE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
 5. THE CONTRACTOR MAY ELECT TO USE EITHER METHOD I OR METHOD II. COST TO BE LINEAR FEET OF SILT FENCE.
 6. METHOD II INSTALLATION SHALL BE ACCOMPLISHED USING AN IMPLEMENT THAT IS MANUFACTURED FOR THE APPLICATION AND PROVIDES A CONFIGURATION MEETING THE REQUIREMENTS OF THE DETAIL.
 7. WIRE SHALL BE MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
 8. GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATION MAY BE USED WITHOUT WIRE FENCE.

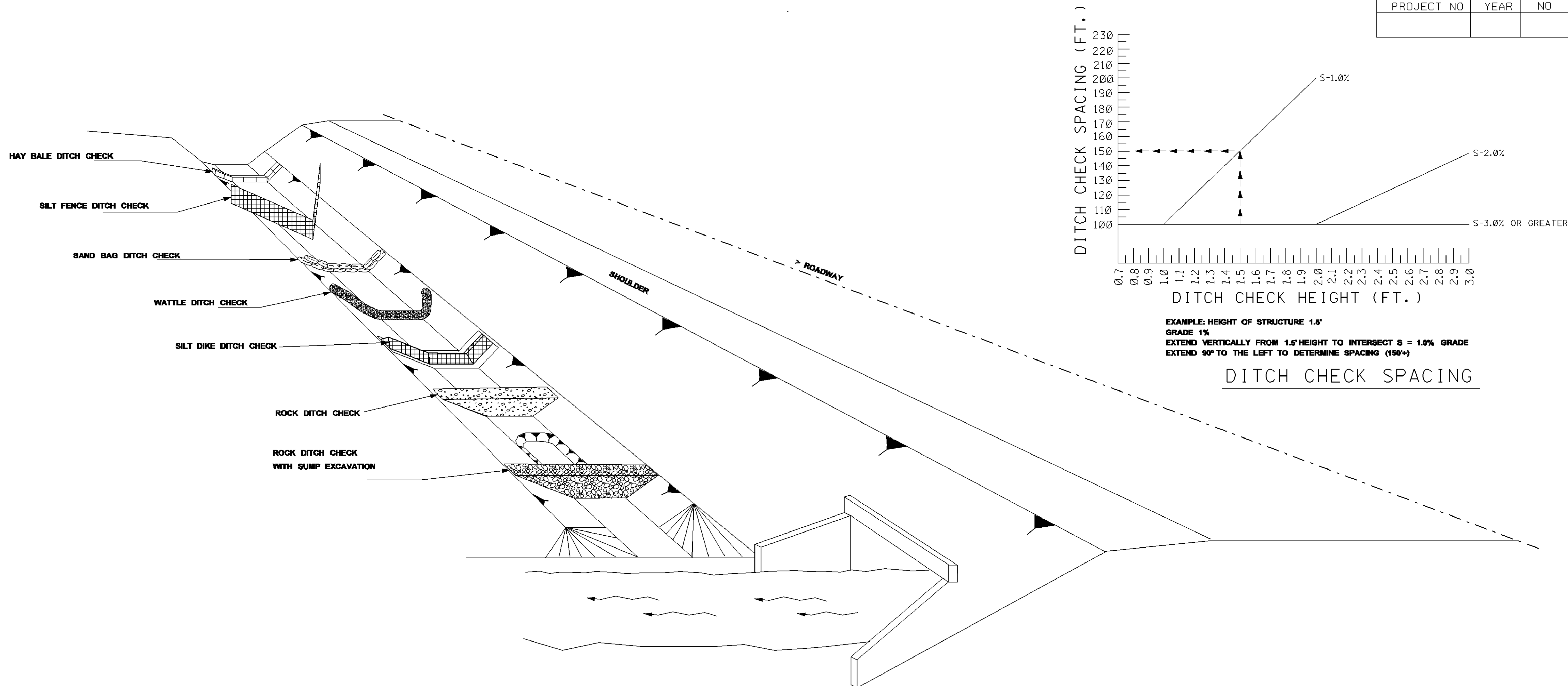


PLAN VIEW
REQUIRED LAPPING

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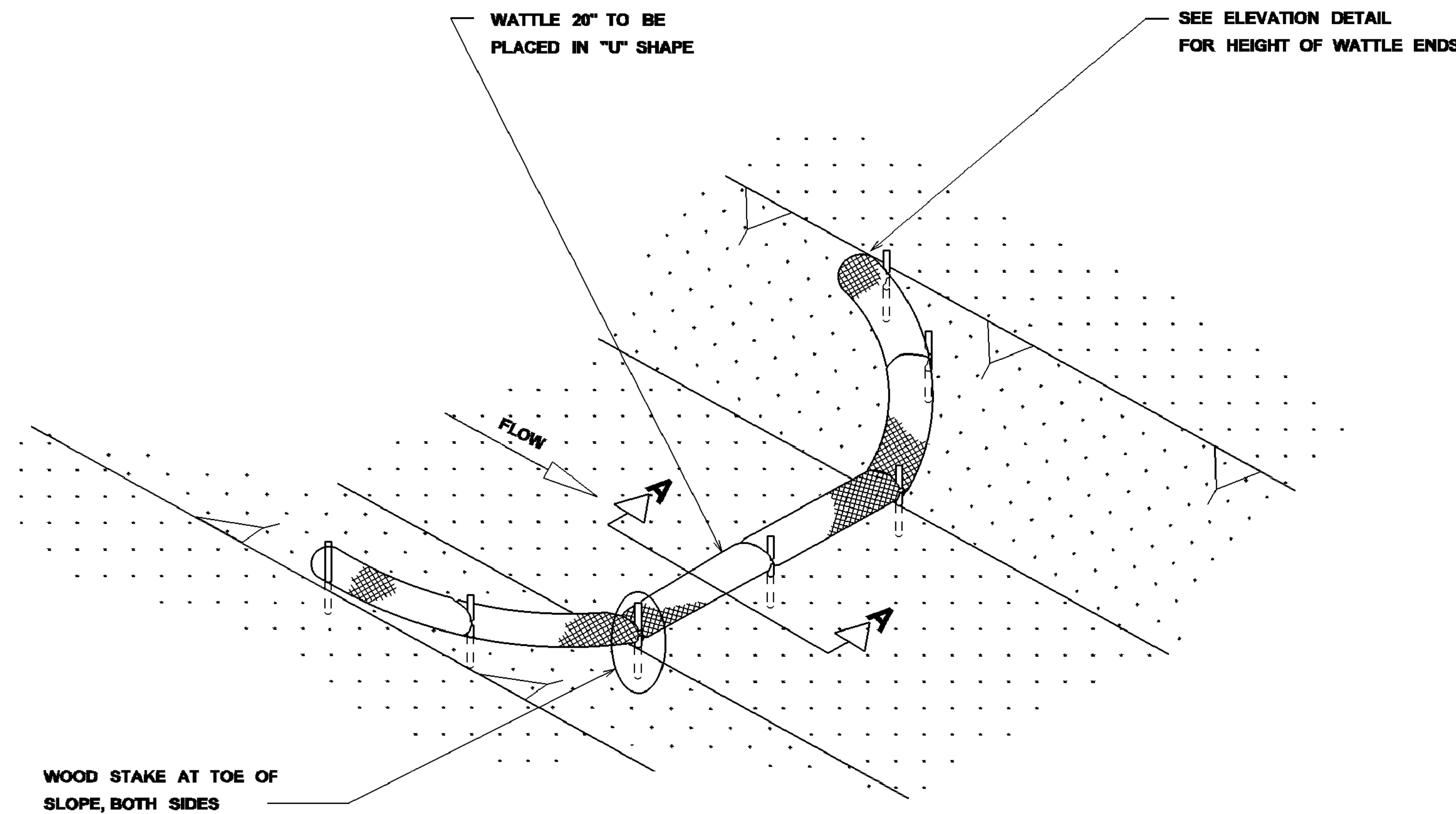
STATE	PROJECT NO.
MISS.	

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO

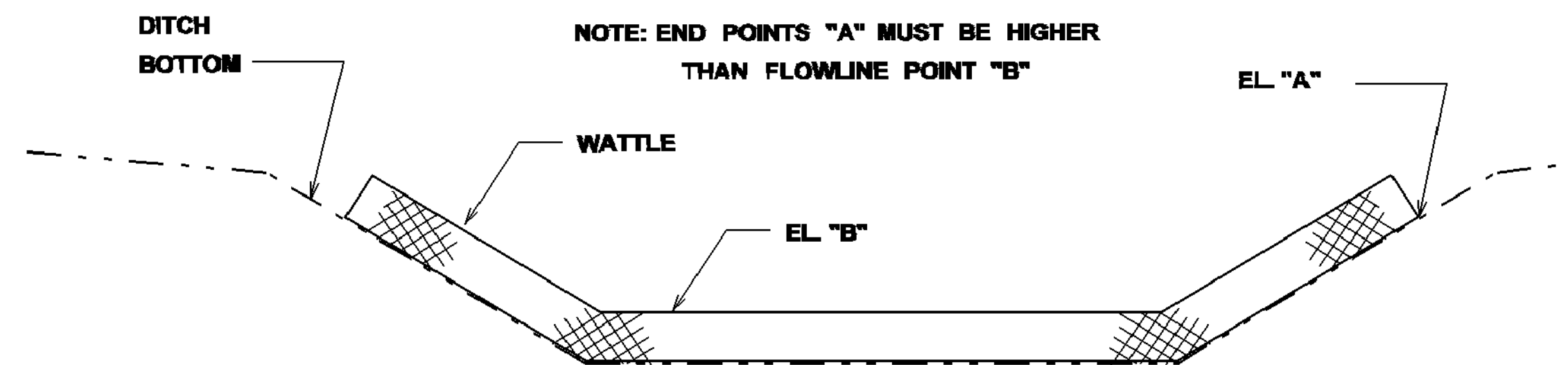
**NOTES:**

1. THE DITCH CHECK PERSPECTIVE ILLUSTRATES A TOOL BOX OF TEMPORARY PRACTICES THAT MAY BE USED. DITCH CHECKS ARE INSTALLED TO CONTROL RUNOFF VELOCITY AND THUS REDUCE EROSION AND PROVIDE FOR TRAPPING OF SEDIMENTS.
2. SELECTION OF THE APPROPRIATE DITCH CHECK SHOULD BE A FUNCTION OF CONSTRUCTION PHASE, DRAINAGE AREA, DITCH GRADIENT, SOIL TYPE ECONOMY AND SAFETY.
3. DITCH CHECKS CAN BE REMOVED FOR MAINTENANCE AND/OR REPLACEMENT BUT MUST REMAIN IN PLACE UNTIL UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED. MAINTENANCE INCLUDES REMOVAL OF SEDIMENT BEGINNING WHEN SEDIMENT ACCUMULATION REACHES 1/3 THE CAPACITY OR HEIGHT OF THE STRUCTURE AND NEVER ALLOWING FOR SEDIMENT TO ACCUMULATE MORE THAN 1/2 THE VOLUME OR HEIGHT OF THE DITCH CHECK STRUCTURE.
4. HAY BALES ARE USED TO INTERCEPT LOW VOLUME FLOWS IN LOW TO MODERATE GRADIENT DITCHES.
5. SILT FENCE DITCH CHECKS ARE USED WHERE IT HAS BEEN DETERMINED THAT HAY BALE CHECKS ARE INADEQUATE. SILT FENCE DITCH CHECKS ARE USED TO INTERCEPT LOW VOLUME FLOWS IN LOW TO MODERATE GRADIENT DITCHES.
6. SAND BAG DITCH CHECKS ARE USED FOR VELOCITY REDUCTION AND MINIMAL SEDIMENT TRAPPING IN CONCRETE PAVED DITCHES OR IN DITCHES THAT HAVE ROCKY BOTTOMS.
7. WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.
8. SILT DIKES CAN BE USED IN DITCHES WITH CONCENTRATED FLOWS WITHIN THE CLEAR ZONE WHERE RIPRAP CAN NOT BE USED. AS CONSTRUCTION PROGRESSES.
9. ROCK DITCH CHECK WITH SUMP EXCAVATION CAN BE PLACED IN DITCHES TO ASSURE ON-SITE SEDIMENT TRAPPING REQUIREMENTS ARE MET. DITCH CHECK WITH SUMP EXCAVATION IS USED WHEN DITCHES RECEIVE DRAINAGE FROM CUT OR FILL SLOPES OR OTHER CRITICAL AREAS WHERE SOIL EROSION IS EXPECTED. DRAINAGE AREA FOR A TEMPORARY SEDIMENT TRAP SHALL NOT EXCEED 3 ACRES. THEY CAN BE USED IN SERIES TO INCREASE ON-SITE SEDIMENT TRAPPING EFFICIENCY.
10. IN GENERAL, DITCH CHECKS SHOULD NOT BE PLACED IN LIVE STREAMS.
11. CONFIGURATION AND SPACING MAY BE ADJUSTED IF APPROVED BY THE ENGINEER TO ACCOMMODATE TRAVELWAY SAFETY, WATER FLOW, OR SOIL AND INSTALLATION CHALLENGES.

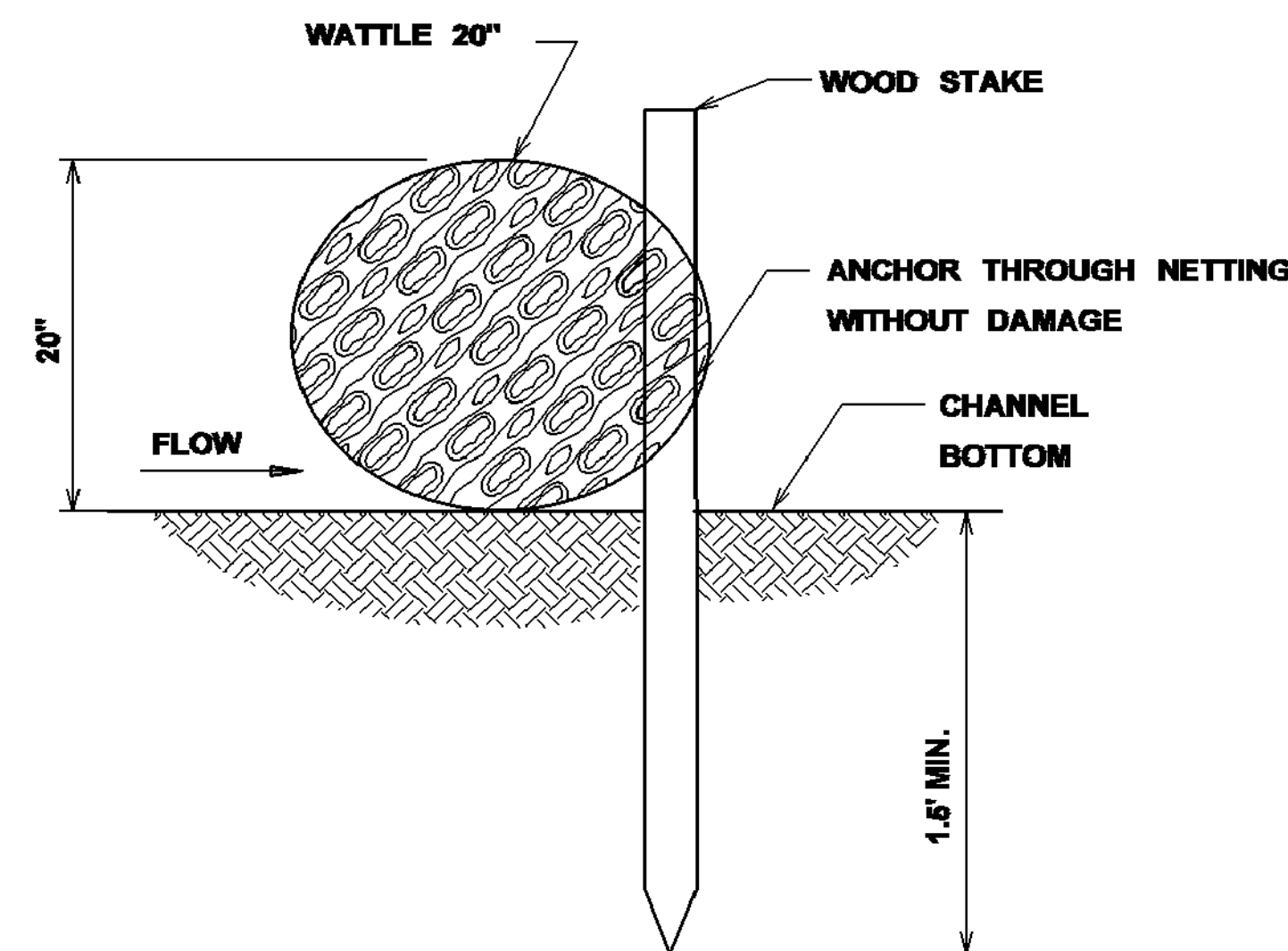
MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS			
DATE	REVISION	BY	WORKING NUMBER
DESIGN TEAM	CHECKED	DATE	ECD-4
FILENAME: EROSION CONTROL/ECD-4.DGN			SHEET NUMBER
			26



DETAIL (DITCH CHECK)



ELEVATION DETAIL



SECTION A-A

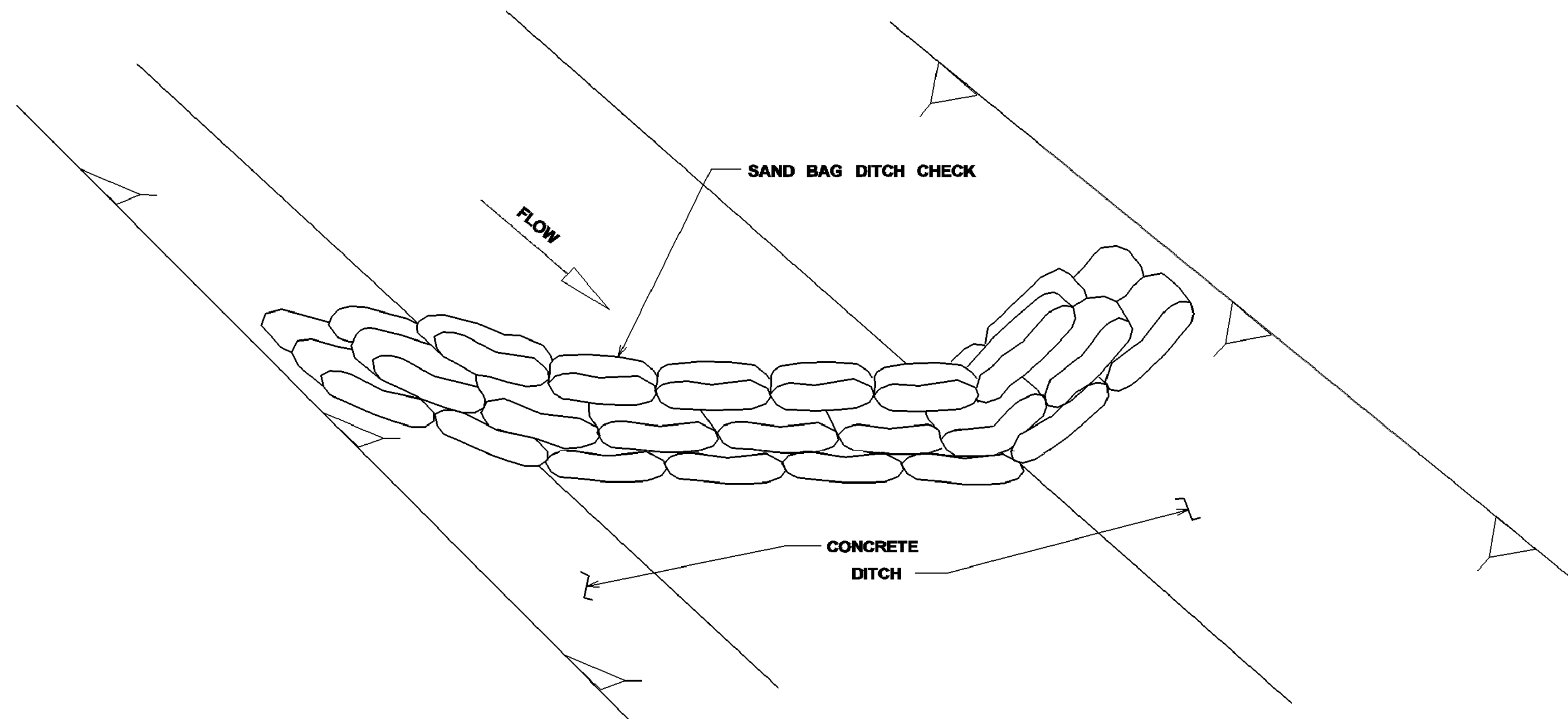
NOTES:

1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN WATTLE DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR EROSION CONTROL PLAN APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ECD-4
2. ANCHORING WOOD STAKES SHALL BE SIZED, SPACED, DRIVEN, AND BE OF A MATERIAL THAT EFFECTIVELY SECURES THE CHECK. STAKE SPACING SHALL BE A MAXIMUM OF THREE FEET. ALL NON-DEGRADABLE MATERIALS SHALL BE REMOVED WHEN NO LONGER NEEDED.
3. TRENCHING OF WATTLES MAY BE NECESSARY IF PIPING BECOMES EVIDENT.
4. WATTLES SHOULD NOT BE USED IN HARD BOTTOM CHANNELS.

WATTLE DITCH CHECK SELECTION GUIDELINES

WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILS OF EROSION CONTROL	
WATTLE DITCH CHECK	
DATE	FILENAME: EROSION CONTROL/ECD-6.DGN
DESIGN TEAM	CHECKED DATE
WORKING NUMBER	ECD-6
SHEET NUMBER	27



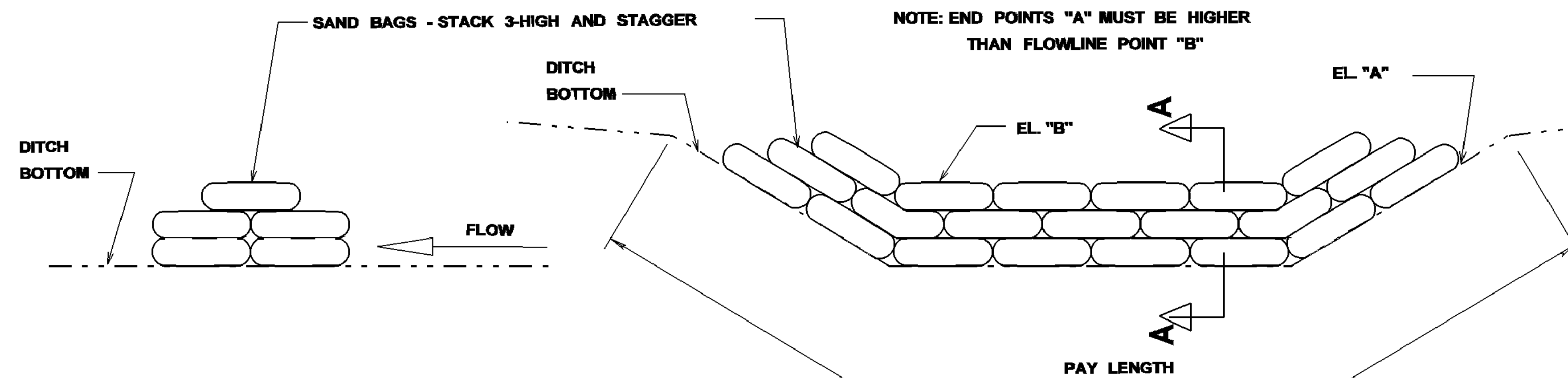
DETAIL (DITCH CHECK)

NOTES:

1. MINIMUM RECOMMENDED PLACEMENT INTERVAL BETWEEN SAND BAG DITCH CHECK IS 100' UNLESS SHOWN OTHERWISE ON THE PLANS OR APPROVED BY THE ENGINEER. SEE SPACING GUIDANCE ON ECD-4.
2. PREVENTING SEDIMENT FROM ENTERING A PAVED DITCH IS PREFERABLE TO CAPTURING SEDIMENT WITHIN PAVED DITCH.

SAND BAG DITCH CHECK SELECTION GUIDELINES

SAND BAG DITCH CHECKS ARE USED FOR VELOCITY REDUCTION AND MINIMAL SEDIMENT TRAPPING IN CONCRETE PAVED DITCHES OR IN DITCHES THAT HAVE ROCKY BOTTOMS.



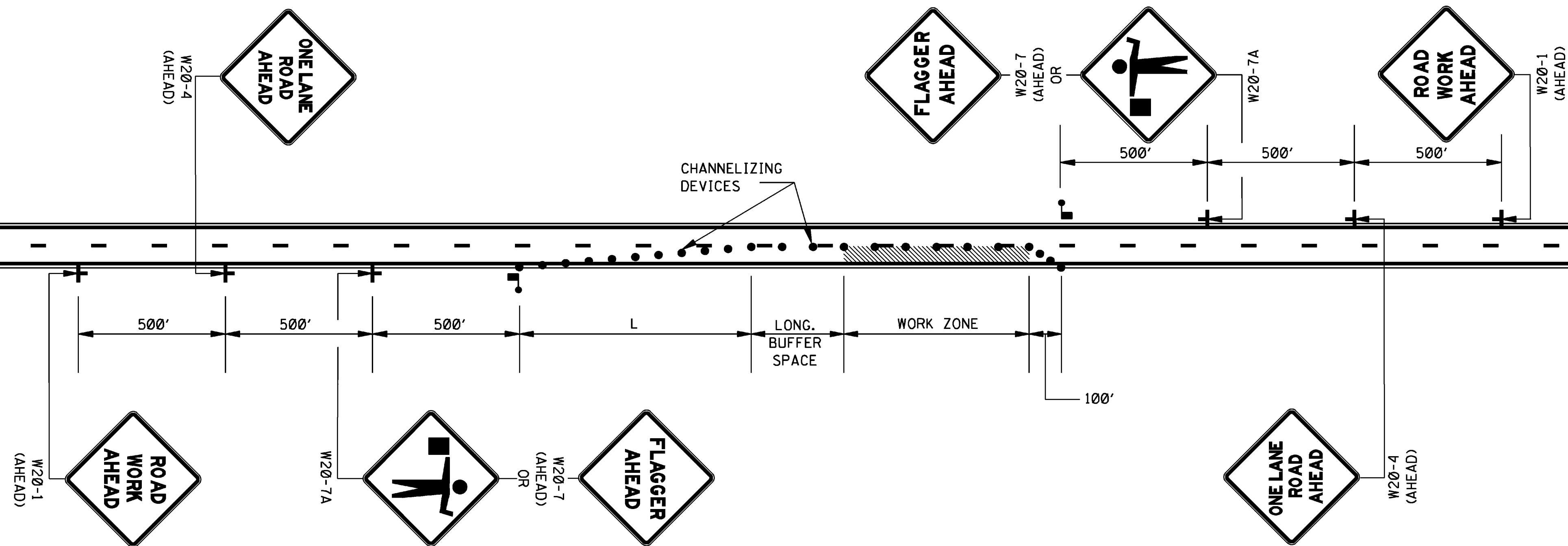
SECTION A-A

ELEVATION DETAIL

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	
DATE	WORKING NUMBER ECD-20
DESIGN TEAM	SHEET NUMBER 28
CHECKED	DATE



STATE	PROJECT NO.
MISS.	



LEGEND

- FLAGGER
- CHANNELIZING DEVICES

GENERAL NOTES:

1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE:

POSTED SPEED AND/OR DESIGN SPEED	MAXIMUM CHANNELIZING DEVICE SPACING (ft)		MINIMUM LONGITUDINAL BUFFER SPACE (ft)	TAPER + RATES
	TAPER	ALONG LANE LINE & WORK ZONE		
mph				
≤40	40	80	170	27:1
45	45	90	220	45:1
50	50	100	280	50:1
55	55	110	335	55:1
60	60	120	415	60:1
65	65	130	485	65:1
70	70	140	575	70:1

- † NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:
 $L = WS$ FOR SPEEDS OF 45 mph OR GREATER
 $L = WS^2/60$ FOR SPEEDS OF 40 mph OR LESS
 WHERE: L = MINIMUM LENGTH OF TAPER IN FEET
 W = WIDTH OF OFFSET (USUALLY LANE WIDTH) IN FEET
 S = DESIGN SPEED OR 85TH PERCENTILE SPEED IN MILES PER HOUR

2. ALL CHANNELIZING DEVICES SHALL BE A MINIMUM OF 24" IN HEIGHT.
3. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.
4. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 48" x 48".
5. WHEN THERE IS NO EXISTING HAZARD OR AT THE END OF THE WORK DAY, ALL SIGNS SHALL BE COVERED OR REMOVED AND ALL CHANNELIZING DEVICES SHALL BE MOVED TO THE SHOULDER EDGE.
6. WHERE THE WORK ZONE IS STATIONARY, THE W20-7 (500 FT.) SIGN OR THE W20-7A SIGN TOGETHER WITH THE W20-7 (500 FT.) SUPPLEMENTAL PLATE SHOULD BE USED TO INDICATE THE DISTANCE TO THE FLAGGER.

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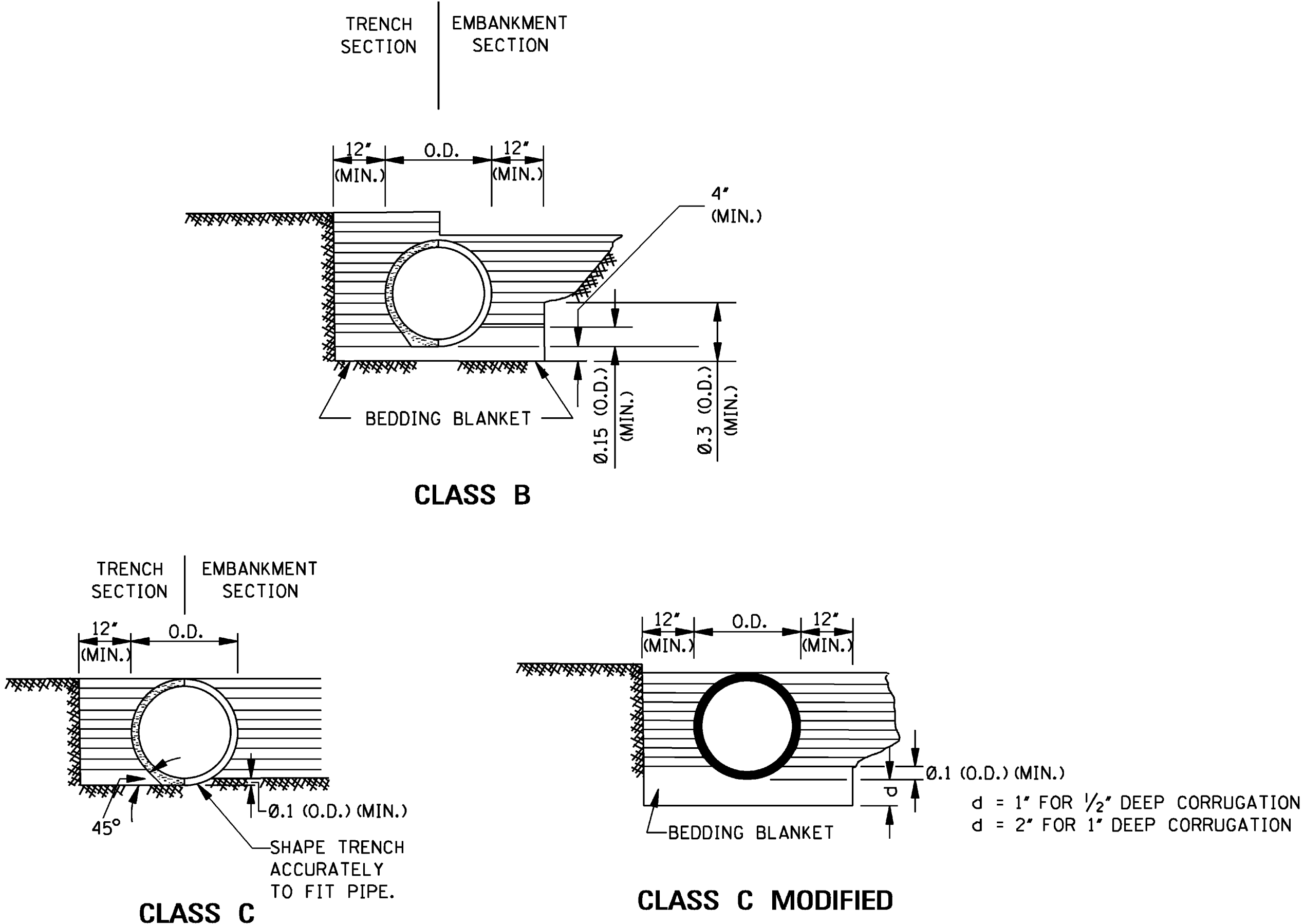
CORRUGATED STEEL AND ALUMINUM PIPE (ROUND) H-20 LOADING						
PIPE DIAMETER (in)	MINIMUM COVER FROM TOP OF PIPE TO TOP OF SUBGRADE (in)	MAXIMUM FILL HEIGHT ABOVE TOP OF PIPE (ft)				
		SHEET THICKNESS (in)				
		0.064 STEEL 0.060 ALUM. 16 GAGE	0.079 STEEL 0.075 ALUM. 14 GAGE	0.109 STEEL 0.105 ALUM. 12 GAGE	0.138 STEEL 0.135 ALUM. 10 GAGE	0.168 STEEL 0.164 ALUM. 8 GAGE
		2 2/3" X 1/2" CORRUGATED STEEL / RIVETED, WELDED OR HELICAL	3" X 1" OR 5" X 1" CORRUGATED STEEL / RIVETED, WELDED, HELICAL OR BOLTED	2 2/3" X 1/2" CORRUGATED ALUMINUM RIVETED OR HELICAL		
12"	12"	84' / - / 45'	91' / - / 45'	- / - / 78'	- / - / 81'	- / - / 84'
15"	12"	67' / - / -	73' / - / -	- / - / -	- / - / -	- / - / -
18"	12"	56' / - / 30'	61' / - / 30'	- / - / 52'	- / - / 54'	- / - / 56'
24"	12"	42' / - / 22'	46' / - / 22'	59' / - / 39'	- / - / 41'	- / - / 42'
30"	12"	34' / - / 18'	36' / - / 18'	47' / - / 31'	- / - / 32'	- / - / 34'
36"	12"	28' / 48' / 15'	30' / 60' / 15'	39' / 78' / 26'	41' / 89' / 27'	- / 101' / 28'
42"	12"	31' / 41' / -	43' / 51' / 26'	46' / 64' / 43'	48' / 71' / 43'	50' / 79' / 44'
48"	12"	27' / 36' / -	37' / 45' / -	45' / 57' / 40'	46' / 61' / 41'	47' / 66' / 43'
54"	12"	- / 32' / -	33' / 40' / -	43' / 52' / 35'	44' / 55' / 37'	45' / 59' / 38'
60"	12"	- / 29' / -	- / 36' / -	43' / 49' / -	43' / 51' / 33'	44' / 54' / 34'
66"	12"	- / 26' / -	- / 33' / -	42' / 47' / -	43' / 49' / 30'	43' / 51' / 31'
72"	12"	- / 24' / -	- / 30' / -	- / 44' / -	41' / 47' / -	43' / 49' / 29'
78"	12"	- / 22' / -	- / 28' / -	- / 41' / -	- / 46' / -	39' / 47' / -
84"	12"	- / 21' / -	- / 26' / -	- / 38' / -	- / 45' / -	35' / 46' / -
90"	12"	- / 19' / -	- / 24' / -	- / 35' / -	- / 43' / -	- / 45' / -
96"	12"	- / 18' / -	- / 22' / -	- / 33' / -	- / 40' / -	- / 44' / -
102"	24"	- / 17' / -	- / 21' / -	- / 31' / -	- / 38' / -	- / 42' / -
108"	24"	- / - / -	- / 20' / -	- / 30' / -	- / 35' / -	- / 39' / -
114"	24"	- / - / -	- / 19' / -	- / 28' / -	- / 34' / -	- / 37' / -
120"	24"	- / - / -	- / - / -	- / 27' / -	- / 32' / -	- / 35' / -

NOTE: THE AVERAGE INSIDE DIAMETER SHALL NOT VARY MORE THAN ONE (1) PERCENT OR 1/2", WHICHEVER IS GREATER, FROM THE NOMINAL DIAMETER WHEN MEASURED ON THE INSIDE CREST OF THE CORRUGATIONS (AASHTO M 36M/M 36 & AASHTO M 196M/M 196).

CORRUGATED METAL PIPE ARCHES H-20 LOADING									
EQUIV. DIAMETER (in)	PIPE DIMENSION (SPAN X RISE) (in)	MINIMUM CORNER RADIUS (in)	MINIMUM COVER FROM TOP OF PIPE TO TOP OF SUBGRADE FOR 2 tons/ft ² (in)	STEEL			ALUMINUM		
				MINIMUM THICKNESS REQUIRED (in)	MAXIMUM FILL HEIGHT ABOVE TOP OF PIPE (ft) FOR THE FOLLOWING CORNER BEARING PRESSURE (tons/ft ²)		MINIMUM THICKNESS REQUIRED (in)	MAXIMUM FILL HEIGHT ABOVE TOP OF PIPE (ft) FOR THE FOLLOWING CORNER BEARING PRESSURE (tons/ft ²)	
					2 tons/ft ²	3 tons/ft ²		2 tons/ft ²	3 tons/ft ²
				2 ² / ₃ " x 1/2" CORRUGATION RIVETED, WELDED OR HELICAL			2 ² / ₃ " x 1/2" CORRUGATION RIVETED OR HELICAL		
15"	17" X 13"	3"	18"	0.064"	13'	15'+	0.060"	15'	-
18"	21" X 15"	3"	18"	0.064"	12'	15'+	0.060"	14'	-
24"	28" X 20"	3"	18"	0.064"	10'	15'	0.060"	10'	15'+
30"	35" X 24"	3"	18"	0.079"	9'	14'	0.060"	9'	14'
36"	42" X 29"	3 ¹ / ₂ "	18"	0.079"	9'	13'	0.075"	9'	13'
42"	49" X 33"	4"	18"	0.079"	8'	12'	0.105"	8'	12'
48"	57" X 38"	5"	18"	0.109"	8'	12'	0.135"	8'	12'
54"	64" X 43"	6"	18"	0.109"	8'	12'	0.135"	8'	12'
60"	71" X 47"	7"	18"	0.138"	8'	12'	0.164"	8'	12'
66"	77" X 52"	8"	18"	0.168"	8'	12'			
72"	83" X 57"	9"	18"	0.168"	9'	13'			
			5" X 1" OR 3" X 1" CORRUGATION RIVETED, WELDED OR HELICAL						
36"	40" X 31"	5"	18"	0.079"	12'	15'+			
42"	46" X 36"	6"	18"	0.079"	12'	15'+			
48"	53" X 41"	7"	18"	0.079"	12'	15'+			
54"	60" X 46"	8"	18"	0.079"	12'	15'+			
60"	66" X 51"	9"	18"	0.079"	12'	15'+			
66"	73" X 55"	12"	18"	0.079"	15'+	-			
72"	81" X 59"	14"	18"	0.079"	15'	-			
78"	87" X 63"	14"	18"	0.079"	14'	15'+			
84"	95" X 67"	16"	18"	0.109"	13'	15'+			
90"	103" X 71"	16"	24"	0.109"	12'	15'+			
96"	112" X 75"	18"	24"	0.109"	11'	15'+			

NOTES:
1. THE AVERAGE INSIDE DIAMETER SHALL NOT VARY MORE THAN ONE (1) PERCENT OR 1/2", WHICHEVER IS GREATER, FROM THE NOMINAL DIAMETER WHEN MEASURED ON THE INSIDE CREST OF THE CORRUGATIONS. (AASHTO M 36M/M 36 & AASHTO M 196M/M 196).

+ 2. BEARING PRESSURES EXCEEDING 2 tons/ft² REQUIRED FOR GIVEN FILL HEIGHT SHALL HAVE FOUNDATION MATERIALS INVESTIGATED TO DETERMINE BEARING CAPACITY.



MAXIMUM HEIGHT OF FILL OVER REINFORCED CONCRETE PIPE			
CLASS OF PIPE	TYPE OF BACKFILL	MAXIMUM COVER (ft)	
		CLASS "C" BEDDING	CLASS "B" BEDDING
III	NORMAL	16'	-
IV	NORMAL	23'	28'
V	NORMAL	30'	36'
IV	IMPERFECT	-	90'
V	IMPERFECT	-	115'

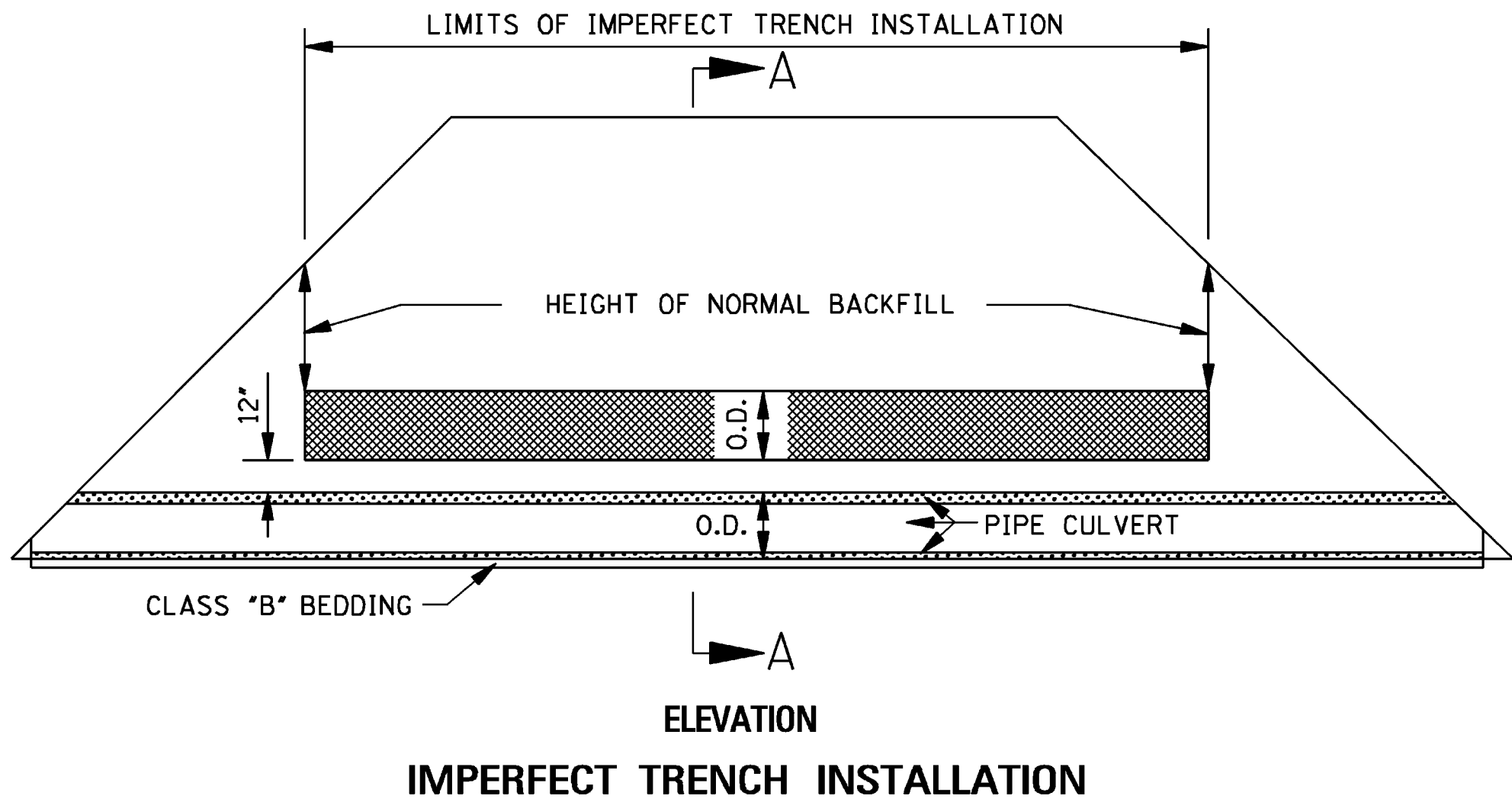
NOTE: CLASS OF PIPE AND BEDDING TO BE CONSISTENT THROUGHOUT THE PIPE LENGTH.

MAXIMUM HEIGHT OF FILL OVER CLASS 2 NONREINFORCED CONCRETE PIPE, PERFORATED AND/OR PLAIN, FOR UNDERDRAINS				
PIPE SIZE (in)	MAXIMUM COVER (ft)			
	BEDDING CLASS "C"/CLASS "B"			
	TRENCH B _d (in)	SAND & GRAVEL	DAMP CLAY	PROJECTING POSITIVE p= 0.7; R _{sd} = 0.7
4"	2.00'	*	*	34'/42'
6"	2.00'	*	*	25'/30'
8"	2.25'	*	16'/ *	19'/24'
10"	2.50'	*	12'/20'	16'/19'
12"	2.75'	*	12'/18'	14'/17'

NOTES:
* 1. INDICATES NO LIMIT OF FILL HEIGHT (130 lbs/ft³).
2. TRENCH WIDTH (B_d) NO GREATER THAN 16" PLUS O.D.
3. FACTOR OF SAFETY IS 1.25 ON MINIMUM ULTIMATE STRENGTH.
4. MINIMUM COVER FOR HIGHWAY LOADS IS 18".
5. PERFORATED PIPE SHALL BE TYPE 1.

GENERAL NOTES:

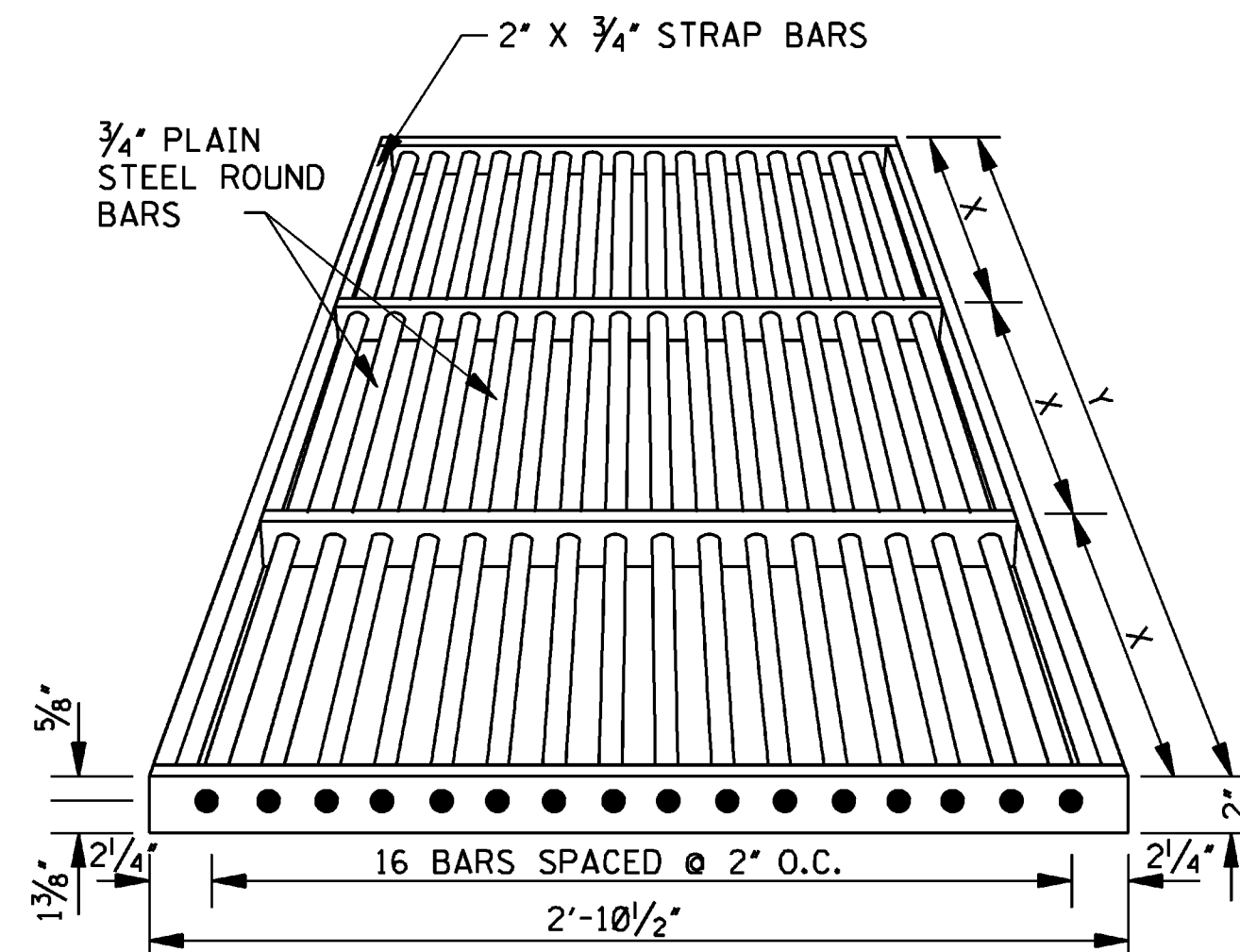
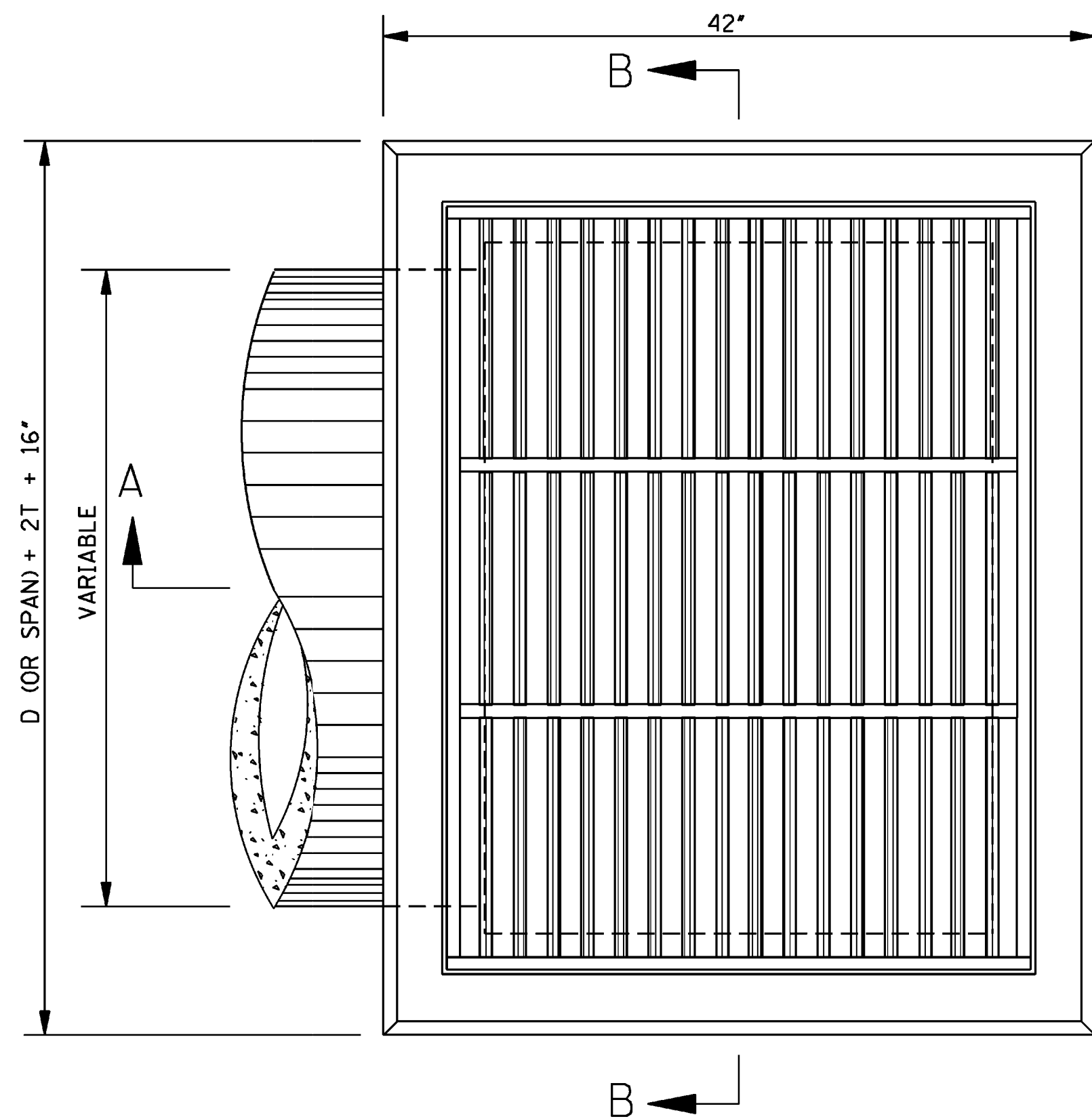
1. MINIMUM SPACING BETWEEN MULTIPLE LINES OF PARALLEL PIPE SHALL BE THE DISTANCE REQUIRED FOR INSTALLING THE ADJACENT FLARED END SECTIONS OR AS SHOWN ON THE HEADWALL DRAWINGS FOR CONDUITS REQUIRING HEADWALLS.
2. UNLESS OTHERWISE INDICATED, THE TOP OF THE PIPE SHALL BE BELOW THE TOP OF THE SUBGRADE, AND A MINIMUM OF 12" OF COVER OVER THE TOP OF THE PIPE SHALL BE MAINTAINED BETWEEN THE SHOULDER LINES.
3. WHERE PRE-BED PIPE IS INSTALLED, FLARED END SECTIONS FROM OTHER MANUFACTURERS MAY BE JOINED TO PRE-BED PIPE PROVIDED A CONCRETE COLLAR IS PLACED AT THE CONTRACTORS EXPENSE AND A DEFORMATION TO THE PIPE'S FLOWLINE IS NOT EVIDENT ON FINAL PLACEMENT.



			BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
			REVISION	PIPE CULVERT INSTALLATION	
			DATE	ISSUE DATE: _____ OCTOBER 1, 1998 _____	
				WORKING NUMBER PI-1 SHEET NUMBER 6300	

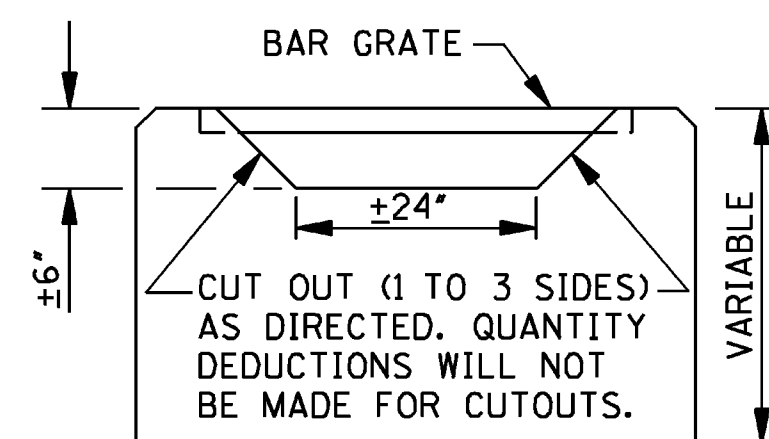
A, #4 BARS	AS PER TABLE
B, #4 BARS	D (OR SPAN) + 2T + 9"
C, #4 BARS	34"
D, #4 BARS	D (OR RISE) + T + 4"

BARS "A", "B", "C" & "D"

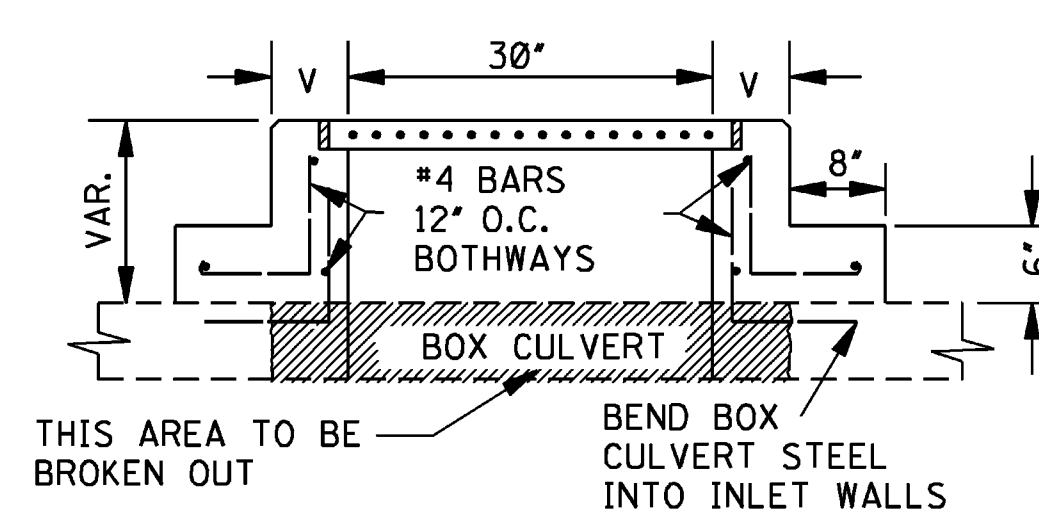


BAR GRATE DETAILS

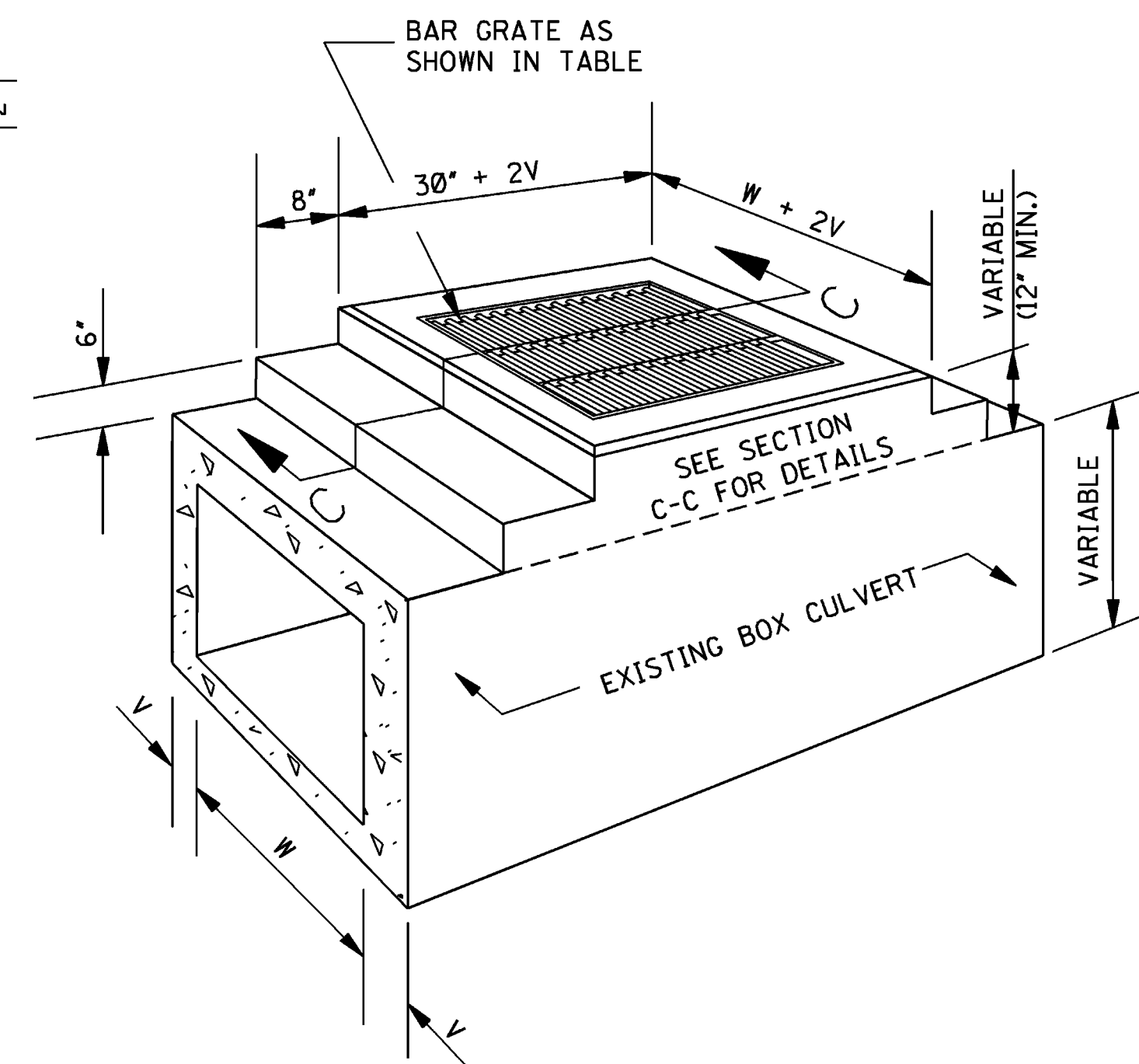
NOTE: JUNCTIONS OF ROUND AND STRAP BARS SHALL BE WELDED. GRATE SHALL BE SHOP COATED WITH APPROVED COAL TAR PITCH VARNISH.



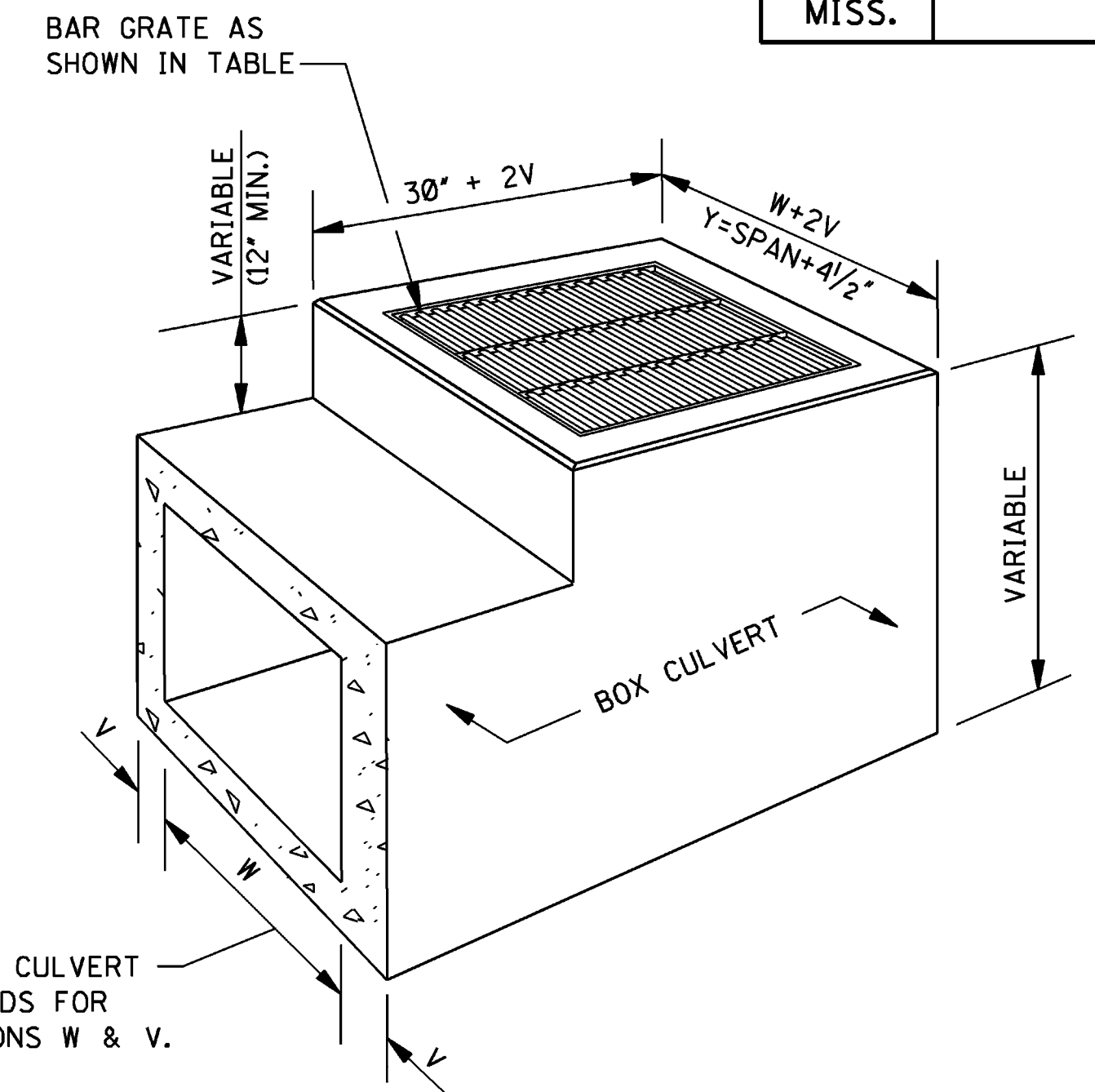
ELEVATION
MODIFIED PIPE OR
BOX CULVERT INLET



SECTION C-C



SECTIONAL PERSPECTIVE
INLET ON EXISTING BOX CULVERT



SECTIONAL PERSPECTIVE
INLET USED IN LIEU OF HEADWALLS

LENGTH AND WEIGHT OF GRATING									
PIPE INLETS				BOX CULVERT INLETS					
PIPE SIZE	Y	X	NO. X-SPANS	WEIGHT (lbs)	BOX CULVERT SIZE	Y	X	NO. X-SPANS	WEIGHT (lbs)
18"	2'-7 1/2"	1'-3 3/4"	2	127	2' X 2'	2'-4 1/2"	1'-2 1/4"	2	119
22" X 13"	2'-11 1/2"	1'-5 3/4"	2	139	3' X 2'	3'-4 1/2"	1'-1 1/2"	3	166
24"	3'-2 1/2"	1'-7 1/4"	2	147	4' X 2'	4'-4 1/2"	1'-5 1/2"	3	200
29" X 18"	3'-7"	1'-2 1/2"	3	173	5' X 2'	5'-4 1/2"	1'-4 1/8"	4	247
30"	3'-9 1/2"	1'-3 3/8"	3	180	6' X 2'	6'-4 1/2"	1'-3 3/8"	5	293
36"	4'-4 1/2"	1'-5 1/2"	3	200	7' X 2'	7'-4 1/2"	1'-5 1/8"	5	328
42"	4'-11 1/2"	1'-2 1/8"	4	232	8' X 2'	8'-4 3/4"	1'-4 3/4"	6	374
48"	5'-6 1/2"	1'-4 3/8"	4	252	3' X 3'	3'-4 1/2"	1'-1 1/2"	3	166
54"	6'-1 1/2"	1'-6 3/8"	4	272	4' X 3'	4'-4 1/2"	1'-5 1/2"	3	200
60"	6'-8 1/2"	1'-4 3/8"	5	305	5' X 3'	5'-4 1/2"	1'-4 1/8"	4	247
					6' X 3'	6'-4 1/2"	1'-3 3/8"	5	293

QUANTITIES															
PIPE SIZE	MIN. DEPTH TO F.L.	MIN. DEPTH INLET		EACH ADDED FOOT		PIPE OPENING DEDUCTION (yd ³)	T	BARS/SIZES							
		CONC * (yd ³)	STEEL (lbs)	CONC (yd ³)	STEEL (lbs)			*A*	*B*	*C*	*D*				
								#4	#4	#4	#4				
								NO. @	LGTH.	NO. @	LGTH.	NO. @	LGTH.	NO. @	LGTH.
18"	2.209'	0.623	42	0.213	13	0.053	2 1/2"	2 @ 21"		8 @ 32"		7 @ 34"		9 @ 24 1/2"	
22" X 13"	1.833'	0.586	42	0.225	14	0.053	2 1/2"	2 @ 25"		8 @ 36"		7 @ 34"		9 @ 20"	
24"	2.750'	0.800	55	0.235	14	0.091	3"	2 @ 25"		9 @ 39"		9 @ 34"		9 @ 31"	
29" X 18"	2.250'	0.742	57	0.248	16	0.087	3"	2 @ 30"		9 @ 43 1/2"		9 @ 34"		11 @ 25"	
30"	3.292'	0.992	70	0.256	16	0.138	3 1/2"	2 @ 30"		9 @ 46"		11 @ 34"		11 @ 37 1/2"	
36"	3.834'	1.198	85	0.278	17	0.196	4"	2 @ 33"		10 @ 53"		13 @ 34"		11 @ 44"	
42"	4.375'	1.418	93	0.299	18	0.263	4 1/2"	2 @ 36"		10 @ 60"		13 @ 34"		11 @ 50 1/2"	
48"	4.917'	1.653	109	0.321	19	0.340	5"	2 @ 39"		11 @ 67"		15 @ 34"		11 @ 57"	
54"	5.458'	1.902	136	0.343	21	0.427	5 1/2"	2 @ 42"		12 @ 74"		19 @ 34"		13 @ 63 1/2"	
60"	6.000'	2.165	146	0.364	21	0.524	6"	2 @ 47"		12 @ 81"		19 @ 34"		13 @ 70"	

*NOTE: ONE (1) PIPE OPENING HAS BEEN DEDUCTED FROM THE STRUCTURE.

GENERAL NOTES:

- THE MDOT STANDARD SPECIFICATIONS SHALL APPLY TO ITEMS UNLESS OTHERWISE SPECIFIED.
- QUANTITIES SHOWN WILL BE THE BASIS OF PAYMENT UNLESS AUTHORIZED MODIFICATIONS ARE MADE.
- BOX CULVERTS:
 - UNLESS OTHERWISE SHOWN, THE DETAILS OF THE BOX CULVERT INLETS SHALL CONFORM TO THOSE SHOWN FOR THE PIPE INLETS.
 - BOX CULVERT REINFORCEMENT SHALL BE CONTINUED AND RESHAPED TO ACCOMMODATE THE INLET BOX. ADDITIONAL BARS SHALL BE THE SAME DIAMETER AS THOSE IN THE BOX CULVERT AND THE CONCRETE SHALL BE THE SAME. QUANTITIES ARE TO BE COMPUTED IN CONJUNCTION WITH QUANTITIES FOR BOX CULVERT.

BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN
REVISION	DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERTS
DATE	ISSUE DATE: OCTOBER 1, 1998
	WORKING NUMBER B-9
	SHEET NUMBER 6325



Engineering Progress

SPECIFICATIONS AND CONTRACT DOCUMENTS

FOR

**INFRASTRUCTURE IMPROVEMENTS ALONG NORTH 40TH AVENUE,
NORTH 39TH AVENUE AND MABLE STREET**

FOR THE

CITY OF HATTIESBURG

JANUARY, 2018



PREPARED BY:

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

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ADVERTISEMENT FOR BIDS:

NOTICE is hereby given that the City Clerk of the City of Hattiesburg, MISSISSIPPI, will receive sealed bids until 10:00 A.M. on April 5, 2018 in the City Clerk's Office in the City Hall of said City and then at said location opened and read aloud for furnishing the City's requirements for the following:

**INFRASTRUCTURE IMPROVEMENTS ALONG NORTH 40TH AVENUE, NORTH 39TH
AVENUE AND MABLE STREET
HATTIESBURG, MISSISSIPPI**

Official bid documents can be downloaded from Central Bidding at www.centralbidding.com. Electronic bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814. All bids must be accompanied by bid security equal to 5% of the amount of the bid, in the form of a certified check, cashier's check or a bid bond written by a company properly licensed in Mississippi.

Each BID must be received sealed and marked EXACTLY as follows:

BID:

**INFRASTRUCTURE IMPROVEMENTS ALONG NORTH 40TH AVENUE, NORTH 39TH
AVENUE AND MABLE STREET
HATTIESBURG, MISSISSIPPI**

No bid may be withdrawn for a period of sixty (60) days. The lowest and best proposal received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated and Amended, and other applicable State law; but the Council reserves the right to reject any or all proposals received and to waive informalities.

PUBLISHED by Order of the Council on the 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
Kermas Eaton, City Clerk

Publish on March 1, 2018 and March 8, 2018
City of Hattiesburg
Return PROOF to SDW, Inc.
301 Second Avenue
Hattiesburg, MS 39401

INFORMATION FOR BIDDERS

BIDS will be received by City of Hattiesburg, MS herein called the "OWNER", at City Hall until 10:00 A.M. on April 5, 2018, and then at said office publicly opened and read aloud.

Each BID may be submitted in sealed envelope, addressed to the City Clerk of said City. Each sealed envelope containing a BID must be plainly marked on the outside as BID for Infrastructure Improvements along North 40th Avenue, North 39th Avenue and Mable Street, Hattiesburg, Mississippi and the envelope should bear on the outside the BIDDER'S name, address, and license number if applicable. If forwarded by mail, the sealed BID shall be included in a delivery package addressed to the Owner at 200 Forrest Street, Hattiesburg, MS 39401.

Electronic BIDS can be submitted at www.centralbidding.com

All BIDS must be made on the required BID form. All blank spaces for BID prices must be filled in, in ink or typewritten, and the BID form must be completed and executed when submitted. Only one copy of the BID form is required.

The OWNER may waive any informalities or minor defects or reject any and all BIDS. Any BID may be withdrawn prior to the above scheduled time for the opening of BIDS or authorized postponement thereof. Any BID received after the time and date specified shall not be considered. No BIDDER may withdraw a BID within 60 days after the actual date of the opening thereof. Should there be reasons why the contract cannot be awarded within the specified period; the time may be extended by mutual agreement between the OWNER and the BIDDER.

BIDDERS must satisfy themselves of the accuracy of the estimated quantities in the BID Schedule by examination of the site and a review of the drawings and specifications including ADDENDA. After BIDS have been submitted, the BIDDER shall not assert that there was a misunderstanding concerning the quantities of WORK or of the nature of the WORK to be done.

The OWNER shall provide to BIDDERS prior to BIDDING, all information which is pertinent to, and delineates and describes, the land owned and rights-of-way acquired or to be acquired.

The CONTRACT DOCUMENTS contain the provisions required for the construction of the PROJECT. Information obtained from an officer, agent, or employee of the OWNER or any other person shall not affect the risks or obligations assumed by the CONTRACTOR or relieve him from fulfilling any of the conditions of the contract.

Each BID must be accompanied by a BID BOND payable to the OWNER for five percent (5%) of the total amount of the BID. As soon as the BID prices have been compared, the OWNER will return the BONDS of all except the three lowest responsive, responsible BIDDERS upon request of the BIDDER. When the Agreement is executed the BONDS of the two remaining unsuccessful BIDDERS will be returned upon request of the BIDDER. The BID BOND of the successful BIDDER will be retained until the PAYMENT BOND and PERFORMANCE BOND have been executed and approved, after which it will be returned upon request of the BIDDER. A certified check may be used in lieu of a BID BOND.

A PERFORMANCE BOND and a PAYMENT BOND, each in the amount of 100 percent (100%) of the CONTRACT PRICE, with a corporate surety approved by the OWNER, will be required for the faithful performance of the contract.

Attorneys-in-fact who sign BID BONDS or PAYMENT BONDS and PERFORMANCE BONDS must file with each BOND a certified and effective dates copy of their Power of Attorney.

The party to whom the contract is awarded will be required to execute the Agreement and obtain the PERFORMANCE BOND and PAYMENT BOND within ten (10) calendar days from the date when NOTICE OF AWARD shall be accompanied by the necessary Agreement and BOND forms. In case of failure of the BIDDER to execute the Agreement, the OWNER may consider the BIDDER in default, in which case the BID BOND accompanying the proposal shall become the property of the OWNER.

The OWNER within thirty (30) days of receipt of acceptable PERFORMANCE BOND, PAYMENT BOND and Agreement signed by the party to whom the Agreement was awarded, shall sign the Agreement and return to such party an executed duplicate of the Agreement. Should the OWNER not execute the Agreement within such period, the BIDDER may by WRITTEN NOTICE withdraw the signed Agreement. Such notice of withdrawal shall be effective upon receipt of the notice by the OWNER.

The NOTICE TO PROCEED shall be issued within thirty (30) days of the execution of the Agreement by the OWNER. Should there be reasons why the NOTICE TO PROCEED cannot be issued within such period; the time may be extended by mutual agreement between the OWNER and CONTRACTOR. If the NOTICE TO PROCEED has not been issued within the thirty (30) day period or within the period mutually agreed upon, the CONTRACTOR may terminate the Agreement without further liability on the part of either party.

The OWNER may make such investigations as deemed necessary to determine the ability of the BIDDER to perform the WORK, and the BIDDER shall furnish to the OWNER all such information and data for this purpose as the OWNER may request. The OWNER reserves the right to reject any BID if the evidence submitted by, or investigation of, such BIDDER fails to satisfy the OWNER that such BIDDER is properly qualified to carry out

the obligations of the Agreement and to complete the WORK contemplated therein.

A conditional or qualified BID will not be accepted.

Award will be made to the lowest and best responsive and responsible BIDDER.

All applicable Laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the PROJECT shall apply to the contract throughout.

Each BIDDER is responsible for inspecting the site and for reading and being thoroughly familiar with the CONTRACT DOCUMENTS. The failure or omission of any BIDDER to do any of the foregoing shall in no way relieve any BIDDER from any obligation in respect to his BID.

FURTHER, the BIDDER agrees to abide by the requirements under Executive Order No. 11246, as amended, including specifically the provisions of the equal opportunity clause.

The BIDDER shall supply the names and addresses of major material SUPPLIERS and SUBCONTRACTORS when required to do so by the OWNER.

The ENGINEER is SHOWS, DEARMAN & WAITS, INC. The address of the ENGINEER is 301 2nd Avenue, HATTIESBURG, MISSISSIPPI.

Notice to Bidders 1

Please note there have been several changes to the City of Hattiesburg standards for various aspects of construction associated with this project.

PROPOSAL FORM

I (we) agree to begin work within (10) calendar days after the issuance of Notice to Proceed, and to complete the work within 200 calendar days thereafter.

It is understood that the quantities of work listed for unit prices bid are approximate, and are intended to merely indicate the general scope of the various items entering into the complete work and for comparison of bids. It is further understood and agreed that the Owner may increase or decrease the quantities listed in the Proposal and that no change in the unit prices proposed shall be occasioned thereby.

The undersigned further agrees that the unit and lump sum prices quoted include all items of work required or necessary for the accomplishment of the projected work and that these items include all work indicated on the Plans and Specifications for which no specific pay items have been established.

The undersigned certifies that the bid prices contained herein have been carefully checked and are submitted as correct and final.

If within sixty (60) days the scheduled closing time for receipt of bids, this Proposal is accepted, the undersigned will execute a formal contract within ten (10) days after official notification thereof, will deliver a surety bond for the faithful performance of this contract, and will complete the work within the time specified from the date of execution of the contract.

Respectfully Submitted,

Authorized by:

ADDRESS

PROPOSAL					
Infrastructure Improvements along N 40th & N 39th Avenues					
City of Hattiesburg					
Item	Description	Unit	Quantity	Unit Price	Extension
	Sewer Pipe Items				
1	8" SDR 26 PVC Sewer Pipe (0'- 6')	LF	157		
2	8" SDR 26 PVC Sewer Pipe (6'- 8')	LF	614		
3	8" SDR 26 PVC Sewer Pipe (8'- 10')	LF	500		
4	8" SDR 26 PVC Sewer Pipe (10'- 12')	LF	405		
5	8" SDR 26 PVC Sewer Pipe (12'- 14')	LF	102		
6	8" SDR 26 PVC Sewer Pipe (14'- 16')	LF	70		
7	8" SDR 26 PVC Sewer Pipe (16'- 18')	LF	97		
8	8" SDR 26 PVC Sewer Pipe (18'- 20')	LF	167		
9	8" SDR 26 PVC Sewer Pipe (20'- 22')	LF	179		
10	Removal of Existing Sewer Line	LF	2,107		
11	Abandonment of Existing Sewer Line (All Sizes)	LF	453		
12	Tracer Wire System for Sewer	LS	1		
	Sewer Manhole Items				
13	48" Precast Concrete Sewer Manhole (0' - 6')	EA	2		
14	48" Precast Concrete Sewer Manhole (6' - 8')	EA	2		
15	48" Precast Concrete Sewer Manhole (8' - 10')	EA	2		
16	48" Precast Concrete Sewer Manhole (10' - 12')	EA	4		
17	48" Precast Concrete Sewer Manhole (12' - 14')	EA	3		

18	48" Precast Concrete Sewer Manhole (20' - 22')	EA	1		
19	Demolition and Removal of Existing Manholes (All Types)	EA	8		
20	Abandonment of Existing Manhole	EA	2		
21	Drop Manhole Assembly (All Depths)	EA	1		
	Sewer Service Items				
22	4" Sanitary Sewer Service Cleanout	EA	30		
23	4" SDR 26 PVC Pipe Sanitary Sewer Service (Incl Fittings)	LF	120		
24	6" SDR 26 PVC Pipe Sanitary Sewer Service (Incl Fittings)	LF	818		
25	8"x8"x6" PVC Service Tee	EA	32		
	Water Pipe Items				
26	2" & Under 150 PSI PVC Water Pipe for Connections (Open Cut)	Lin. Ft.	40		
27	6" Class 350 Ductile Iron Water Pipe (Open Cut)	Lin. Ft.	1,570		
28	Tracer Wire System for Water	LS	1		
	Water Connection Items				
29	Cut and Cap Existing Water Line in Place	Each	4		
30	Connection: Proposed 6" to Existing 6" (Straight - Coupling)	Each	4		
31	Connection: Proposed 6" to Proposed 6" (Tee & other fittings)	Each	2		
32	Connection: Proposed 6" to Existing 8" (Hot Tap w/ Valve Assembly)	Each	4		
33	Connection: Proposed 6" to Existing 8" (Tee * other fittings)	Each	1		
	Water Valve Items				
34	6" Gate Valve	Each	8		

	Water Fire Protection Items				
35	3 Way Fire Hydrant w/ Appurtenances (Incl. Tee, Valve, Hydrant, Brass Tag, Pipe, & other fittings)	Each	3		
	Water Service Items				
36	Residential Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	28		
37	Commercial Service Tap (All Sizes) (Incl: Open Cut Service Tubing, Tapping Saddle, Corp Stop, etc)	Each	10		
38	Service Tubing (Open Cut) (All Sizes)	LF	645		
	Miscellaneous Construction Items				
39	Crushed Aggregate (Size 610)	Ton	1,480		
40	Select Fill Material (Class 9, Group C), LVM	CY	8,520		
41	Concrete Pavement Repair (All Depths)	SY	185		
42	9.5mm Hot Mix Asphalt	Ton	610		
43	Concrete Curb & Gutter (Match Existing Type)	LF	30		
44	Class "B" Concrete, Minor Structures	CY	2		
45	Reinforcing Steel	LBS	195		
46	Inlet Gratings	LBS	255		
47	Inlet Castings	LBS	100		
48	15" Reinforced Concrete Pipe Flared End Section	EA	1		
49	15" Reinforced Concrete Pipe (Class III) (Rubber Gaskets)	LF	32		
50	18" Reinforced Concrete Pipe (Class III) (Rubber Gaskets)	LF	56		
51	24" Reinforced Concrete Pipe (Class III) (Rubber Gaskets)	LF	24		
52	Removal of Existing Pipe Cross Drains (All Sizes and Depths)	LF	158		
53	Steel U Section Sign Post (2.0 lbs/ft)	LF	60		
54	Standard Roadside Signs, Sheet Aluminum (0.080"	SF	24		

	Thickness)				
55	6" Yellow Thermoplastic Detail Traffic Stripe	LF	500		
56	Lengend White Thermoplastic Traffic Marking (6" Equivilent)	LF	356		
57	Solid Sod (Incl. Sod, Top Soil, Fertilizer, Watering, etc.)	SY	990		
58	Landscape Restoration (Inc. Top Soil, Plants, Mulch, Watering, etc.)	SF	65		
59	Temporary Erosion Control	LS	1		
60	Maintenance of Traffic	LS	1		
61	Mobilization	LS	1		
				TOTAL BID:	

Base Bid Respectfully Submitted, Name of Firm or Bidder: _____

BID BOND

KNOW ALL MEN BY THESE PRESENTS: that we, the under signed, _____
_____ Principal, and _____
_____ as Surety, are hereby held and firmly bound unto the City of Hattiesburg as Owner in the penal sum of 5% (Five Percent) for payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors and assigns.

Signed, this _____ day of _____, 20_____.

The Condition of the above obligation is such that whereas the Principal has submitted to a certain BID, attached hereto and hereby made a part hereof to enter into a contract in writing, for the following project:

**INFRASTRUCTURE IMPROVEMETNS ALONG NORTH 40TH AVENUE, NORTH 39TH
AVENUE AND MABLE STREET
HATTIESBURG, MISSISSIPPI**

NOW, THEREFORE,

(a) If said BID shall be rejected, or

(b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said BID) and shall furnish a BOND for his faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its BOND shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year set forth above.

PRINCIPAL

SURETY

BY: _____

IMPORTANT: Surety companies executing BONDS must appear on the Treasure Department's most current line (Circular 570 as amended) and be authorized to transact business in the State where the project is located.

CONTRACT AGREEMENT

THIS AGREEMENT made and entered into this ____ day of _____, 20__ by and between _____ hereinafter called the CONTRACTOR, the City of Hattiesburg hereinafter called the OWNER, Witnesseth that the CONTRACTOR and the OWNER, for the consideration hereafter named and agrees as follows.

ARTICLE 1: SCOPE OF WORK

The CONTRACTOR agrees to furnish all tools, labor, equipment, materials, and supplies required to be furnished, and perform all work required under and in accordance with the plans entitled:

**INFRASTRUCTURE IMPROVEMENTS ALONG NORTH 40TH AVENUE, NORTH 39TH
AVENUE AND MABLE STREET
HATTIESBURG, MISSISSIPPI**

which are on file at the office of the OWNER, and the Specifications, Proposals, General and Special Conditions, attached hereto and made a part hereof as fully as though copied herein, under the direct supervision and to the entire satisfaction of the OWNER and in accordance with the Laws of the State of Mississippi.

ARTICLE 2: THE CONTRACT SUM

It is further agreed and understood by and between the parties hereunto that the OWNER agrees to pay and the CONTRACTOR agrees to accept full and final compensation for all work done under this agreement, the lump sum amount adjusted for variation of quantities at the unit prices named in the Proposal, which is hereto attached, such payment to be made in lawful money of the United States, at the time and in the manner hereinafter set forth.

ARTICLE 3: TIME OF COMPLETION

The CONTRACTOR agrees, for the consideration above expressed, to begin and complete the work within the time specified in the Proposal. If the CONTRACTOR fails to complete the work in the time specified, he shall pay the OWNER as **liquidated damages**, ascertained and agreed, and not in the nature of a penalty, the sum of **\$750.00** for each day delayed, which shall be deducted from the final amount to be paid under the contract; provided that the extension of time with the waiver of liquidation damages may be granted as provided for in the Specifications.

ARTICLE 4: PROGRESS PAYMENTS

The OWNER agrees to make progress payments during the construction as provided herein as follows:

The CONTRACTOR will on or before the tenth (10th) day of each month make an estimate of the value of the work done, based on contract prices, and submit to the ENGINEER, along with an affidavit by the CONTRACTOR that progress payments theretofore received from OWNER have discharged in full all the CONTRACTOR's obligations stated in prior progress payments. ENGINEER will recommend partial payment to the OWNER within a reasonable time of receipt of CONTRACTOR's estimate based on the ENGINEER's estimated quantities.

The OWNER agrees to pay the CONTRACTOR one hundred percent (100%) of the value of the work done each month, less retainage in accordance with MS Code of 1972 Section 31-5-33 until final acceptance of the work has been made. If defective and/or materials are discovered or reasonable doubt arises to the integrity of any part of the work for which partial payment has been allowed, a deduction from subsequent estimates in the amount equal to the work in question will be made until the defects have been remedied or the cause for doubt removed.

ARTICLE 5: ACCEPTANCE AND FINAL PAYMENT

Upon receipt of written notice that the work is ready for final acceptance and inspection, the ENGINEER shall promptly make such inspection, and when he finds the work acceptable under the contract, and the contract fully performed, he shall promptly issue a final certificate, over his own signature, stating that the work provided for in this Contract has been completed and is accepted by him under the terms and conditions thereof. Then, the entire balance shall be due the CONTRACTOR within forty-five (45) days the date of said final acceptance and receipt of the closeout documents required per the Supplement to General Conditions and recommendation of the same to the OWNER.

Before issuance of final certificate, the CONTRACTOR shall submit evidence satisfactory to the ENGINEER that all payrolls, materials, bills, and other indebtedness connected with the work have been paid.

The making and acceptance of the final payment shall constitute a waiver of all claims by the OWNER, other than those arising from unsettled liens, from faulty work or materials appearing within one (1) year after payment, or claims previously made and still unsettled.

If, after the work has been substantially completed, full completion thereof is materially delayed through no fault of the CONTRACTOR, and the ENGINEER, so certifies, the OWNER shall, upon certificate of the ENGINEER and without terminating the Contract, make payment of the balance due for that portion of the work fully completed and accepted. Such payment shall be made under the terms and conditions governing final

payment, except that it shall not constitute a waiver of claims.

ARTICLE 6: THE PERFORMANCE BOND

The CONTRACTOR agrees to furnish a bond, with an approved surety thereon guaranteeing the performance of this contract, in no less than one hundred percent (100%) of the amount of the Contract. Said Bond shall be conditioned on full and complete performance of the Contract, and for the payment of all labor and materials for a period of one (1) year after completion. The Surety on said Bond shall be a surety company of financial resources satisfactory to the OWNER and authorized to do business in the State of Mississippi.

ARTICLE 7 INSURANCE

The CONTRACTOR agrees to also carry public liability insurance, property damage insurance, and workman's compensation insurance in amounts as required by the specifications.

WITNESSETH: that for and in consideration of the payments and agreements hereinafter mentioned:

1. The CONTRACTOR will commence and complete the construction of the project specified herein.
2. The CONTRACTOR will furnish all of the material, supplies, tools, equipment, labor, and other services necessary for the construction and completion of the project described herein.
3. The CONTRACTOR will commence the work required by the "Contract Documents" and complete the project on or before the completion date unless the period for completion is extended otherwise by the "Contract Documents."
4. The CONTRACTOR agrees to perform all of the work described in the "Contract Documents" and comply with the terms therein for the sum as shown in the bid schedule.
5. The term "Contract Documents" means and includes the following:

Advertisement for Bids	Notice of Award
Instructions to Bidders	Notice to Proceed
Bid	Change Order
Bid Bond	General Conditions
Contract Agreement	Supplemental General Conditions
Payment Bond	Technical Specifications
Performance Bond	Drawings
Addenda	

6. The OWNER will pay to the CONTRACTOR in the manner and at such times as set forth in the "General Conditions" such amounts as required by the "Contract Documents."

7. This "Contract Agreement" shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

OWNER:

SEAL

City of Hattiesburg

Authorized by:

ATTEST

(Printed Name & Title)

CONTRACTOR:

SEAL

ATTEST

IMPORTANT NOTE: Surety companies executing bonds must appear on the US Treasury Department's most current list (Circular 570, as amended) and be authorized to transact business in the state where the project is located.

PAYMENT AND PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: THAT WE, the Undersigned _____
(hereinafter called the Principal), a corporation, partnership or individual duly
unauthorized by law to do business as a construction contractor in the State of
Mississippi, and _____ of _____
(herein called the Surety), a corporation duly authorized to do surety business under the
laws of the State of Mississippi, are held and firmly bound unto the City of Hattiesburg
, MS (hereinafter called the Obligee), a Municipality existing under the laws of the State
of Mississippi, in the penal sum of _____
Dollars (_____) lawful money of the United States, for the payment of which
well and truly to be made, the said Principal and the said Surety do hereby bind
ourselves, our heirs, executors, administrators and assigns, jointly and severally, by
these presents, as follows:

The Condition of this obligation is such that; whereas Principal by an instrument
in writing attached hereto and bearing date of _____
has agreed with said Obligee to do all work necessary and to furnish labor, materials,
tools, supplies and services to construct **INFRASTRUCTURE IMPROVEMENTS ALONG
NORTH 40TH AVENUE, NORTH 39TH AVENUE AND MABLE STREET,
HATTIESBURG, MISSISSIPPI** as shown on Plans and specified thereby in the
Specifications, Proposal and other Contract Documents hereto attached.

NOW THEREFORE, if said Principal shall well and truly in good, sufficient and
workmanlike manner, and to the satisfaction of Obligee perform and complete the work
required, and shall defend, indemnify and save harmless said Obligee against all
damages, claims, demands, expense and charge of every kind (including claims of patent
infringement) arising out of injury or damage to persons or property by reason or arising
from any act, omission or neglect of said Principal, his agent, servants or employees with
relation to said work; and shall pay all cost, charges, rentals and expenses for labor,
material, supplies and equipment and deliver the said improvement to Obligee completed
and ready for occupancy or operation, and free from all liens, encumbrances or claims for
labor, material or otherwise; and shall pay all other expenses lawfully chargeable to
Obligee by reason of any default or neglect of the said Principal in the relation of said
agreement and said work, then this obligation shall be void, otherwise to remain in full
force and effect.

PROVIDED FURTHER, that the said surety for value received hereby stipulates
and agrees that no charge, extension of time, alteration or addition to the terms of the
Contract, or the work to be performed thereunder, or the Specifications accompanying
the same, shall in any way affect its obligation on this bond and does hereby waive notice
of any change, extension of time, alteration or addition to the terms of the Contract, or to
the work, or to the Specifications.

PROVIDED FURTHER, that if Principal, or his, or its subcontractor or subcontractors fail to duly pay for any labor, materials, team hire, sustenance provisions or any other supplies or materials used or consumed by such Principal or his, their or its subcontractors in performance of the work contracted to be done, the Surety will pay the same in any amount not exceeding the sum specified in the bond, together with interest as provided by law.

IN WITNESS THEREOF: Said Principal and Surety have hereunto set their hands and seals at _____ this _____ day of _____, 20__.

(SEAL)

WITNESSES:

PRINCIPAL

ADDRESS

Name of person executing for Principal

TITLE

SURETY

ADDRESS

WITNESSES:

TITLE

Name of person executing for Surety

GENERAL CONDITIONS

ARTICLE 1 - DEFINITIONS

Wherever used in these General Conditions or in the other Contract Documents, the following terms shall have the meaning indicated which shall be applicable to both the singular and plural thereof.

ACCEPTANCE: By the OWNER of the Work as being fully complete in accordance with the Contract Documents.

AGREEMENT: The written agreement between the OWNER and the CONTRACTOR covering the Work to be performed: The Contract Documents are attached to and made a part of the Agreement. Also designated as the Contract.

ADDENDA: Written or graphic instruments issued prior to the execution of the Agreement which modify or interpret the Contract Documents, Drawings and Specifications, by addition, deletions, clarifications or corrections.

APPLICATION FOR PAYMENT: The form furnished by the ENGINEER which is to be used by the CONTRACTOR in requesting progress payments and an affidavit of the CONTRACTOR that progress payments theretofore received from the OWNER on account of the WORK have been applied by the CONTRACTOR to discharge in full all of the CONTRACTOR'S obligations stated in prior Applications for Payment.

APPROVAL: Accept as satisfactory.

BID: The offer or proposal of the Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.

BIDDER: Any person, firm or corporation submitting a Bid for the Work.

BONDS: Bid, performance and payment bonds and other instruments of security furnished by the CONTRACTOR and his surety in accordance with the Contract Documents and in accordance with the law of the place of the project.

CHANGE ORDER: A written order to the CONTRACTOR signed by the OWNER authorizing an addition, deletion or revision in the Work, or an adjustment in the Contract Price or the Contract Time issued after execution of the Agreement.

CONTRACT DOCUMENTS: The Agreement, Addenda, Instruction's to Bidders, CONTRACTOR'S BID, the Bonds, the Notice of Award, these General Conditions, the Supplementary conditions, Special Conditions, Technical Conditions, the

Specifications, Drawings and Modifications, and Notice to Proceed.

CONTRACT PRICE: The total moneys payable to the CONTRACTOR under the Contract Documents.

CONTRACT TIME: The number of calendar days stated in the Agreement for the completion of the Work.

CONTRACTING OFFICER: The OWNER (Grantee) - The individual who is authorized to sign the contract documents on behalf of the OWNER'S governing body.

CONTRACTOR: The person, firm or corporation with whom the OWNER has executed the Agreement.

DAY: A calendar day of twenty-four hours measured from midnight to the next midnight.

DRAWINGS: The drawings which show the character and scope of the Work to be performed and which have been prepared or approved by the ENGINEER and are referred to in the Contract Documents.

ENGINEER: The person, firm or corporation named as such in the Contract Documents.

FIELD ORDER: A written order issued by the ENGINEER which clarifies or interprets the Contract Documents in accordance with Paragraph 9.3 or orders minor changes in the Work in accordance with paragraph 10.2.

HE, HIS, AND HIM: These are several pronouns that shall represent both male and female genders.

MODIFICATION: (a) A written amendment of the Contract Documents signed by both parties, (b) a Change Order (c) a written clarification or interpretation issued by the ENGINEER in accordance with paragraph 9.3 or (d) a written order for a minor change or alteration in the Work issued by the ENGINEER pursuant to paragraph 10.2. A modification may only be issued after execution of the Agreement.

NOTICE OF AWARD: The written notice by OWNER to the apparent successful Bidder stating that upon compliance with the conditions precedent to be fulfilled by him within the time specified, OWNER will execute and deliver the Agreement to him.

NOTICE TO PROCEED: A written notice given by OWNER to CONTRACTOR

(with a copy to ENGINEER) fixing the date on which the Contract Time will commence to run and on which CONTRACTOR shall start to perform his obligations under the Contract Documents.

OWNER: A public body or authority, corporation, association, partnership, or individual for whom the Work is to be performed.

PROJECT: The entire construction to be performed as provided in the Contract Documents.

CONSTRUCTION OBSERVER, RESIDENT INSPECTOR, CONSTRUCTION INSPECTOR, PROJECT REPRESENTATIVE: An authorized representative of the ENGINEER assigned to observe the Work performed and materials furnished by the CONTRACTOR or such other person as may be appointed by the OWNER as his representative. The CONTRACTOR shall be notified in writing of the identity of this representative.

SHOP DRAWINGS: All drawings, diagrams, illustrations, brochures, schedules and other data which are prepared by the CONTRACTOR, a Subcontractor, manufacturer, supplier or distributor and which illustrate the equipment, material or some portion of the Work and as required by the Contract Documents.

SAMPLES: Physical examples which illustrate materials, equipment or workmanship and establish standards by which the Work will be judged.

SPECIFICATIONS: Those portions of the Contract Documents consisting of written technical descriptions of materials, equipment, construction systems, standards and workmanship as applied to the Work.

SUBCONTRACTOR: An individual, firm or corporation having a direct contract with CONTRACTOR or with any other Subcontractor for the performance of a part of the Work at the site.

SUBSTANTIAL COMPLETION: Substantial completion may be granted for all or portions of the work prior to final completion and stopping of contract time. Substantial completion is defined as the date when the construction is sufficiently completed in accordance with the contract documents so that the project or specified part of the project can be utilized for the purpose for which it was intended. The contract provides that the retainer may be reduced for that portion of the work which substantial completion is granted, but the granting of substantial completion will not stop contract time or liquidated damages.

SUPPLEMENTARY GENERAL CONDITIONS: Federal and State conditions in effect at time of submission of Bid in addition to those Supplementary General Conditions attached here to.

SUPPLIER: Any person or organization who supplies materials or equipment for the Work, including that fabricated to a special design, but who does not perform labor at the site.

SPECIAL CONDITIONS: When included as a part of the Contract Documents, Special Conditions refer only to the Work under this Contract.

SURETY: The corporate body which is bound with the CONTRACTOR and which engages to be responsible for the CONTRACTOR and his acceptable performance of the Work.

WORK: Any and all obligations, duties and responsibilities necessary to the successful completion of the Project assigned to or undertaken by CONTRACTOR under the Contract Documents, including all labor, materials, equipment and other incidentals, and the furnishing thereof.

WRITTEN NOTICE: The term "Notice" as used herein shall mean and include all written notices, demands, instructions, claims, approvals, and disapprovals required to obtain compliance with Contract requirements. Written notice shall be deemed to have been duly served if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or to an authorized representative of such individual, firm or corporation, or if delivered at or sent by registered mail to the last business address known to him who gives the notice. Unless otherwise stated in writing, any notice to or demand upon the OWNER under this Contract shall be delivered to the OWNER through the ENGINEER.

ARTICLE 2 - PRELIMINARY MATTERS:

AWARD:

2.2 The award of the Contract, if it is awarded, will be to the lowest and best responsible, responsive Bidder. No Notice of Award will be given until the OWNER has concluded such investigations as he deems necessary to establish the responsibility, qualifications, and financial ability of the Bidders to do the Work in accordance with the Contract Documents to the satisfaction of the OWNER within the time prescribed. The OWNER reserves the right to reject the BID of any Bidder who does not pass such investigation to the OWNER'S satisfaction. In analyzing Bids, the OWNER may take into consideration alternates and unit prices, if requested by the Bid Form. If the Contract is awarded, the OWNER will issue the NOTICE of AWARD and give the successful Bidder a contract for execution within sixty (60) days after the opening of Bids.

EXECUTION OF AGREEMENT:

2.3 At least three counterparts of the Agreement and such other Contract Documents will be executed and delivered by CONTRACTOR to the ENGINEER within 10 days of receipt from the OWNER.

FORFEITURE OF BID SECURITY:

2.4 Failure of the successful Bidder to execute and deliver the Agreement and deliver the required Bonds as stipulated in paragraph 2.3 shall be just cause for the OWNER to annul the Notice of Award and declare the Bid and any security therefore forfeited.

The quantities appearing in the bid schedule are approximate and have been prepared for comparison of bids. The OWNER does not guarantee or assume any responsibility that quantities shown on the plans will not vary during actual construction of the contract. The CONTRACTOR further acknowledges the possibility of variation of quantities, shall be precluded from claiming in the construction of the project, and the CONTRACTOR shall not claim deception or misunderstanding because of any variation in quantities, location, character of work, or any other condition. Payment will be made only for actual quantities of work performed and accepted.

The OWNER makes no guarantees regarding the character or extent of water levels, soil, rock, utilities, or any other subsurface condition the BIDDER may encounter during work. The OWNER requires BIDDERS to make their own evaluation of subsurface soil conditions and to determine how these conditions may affect methods of construction

CONTRACTOR'S PRE-BID REPRESENTATIONS:

2.1 CONTRACTOR represents that he has familiarized himself with, and assumes full responsibility for having familiarized himself with, the nature and extent of the Contract Documents, Work, Locality, and local conditions and will obey all federal, state, and local laws, ordinances, rules and regulations that may in any manner affect performance of the Work, and represents that he has correlated his study and observations with the requirements of the Contract Documents. CONTRACTOR also represents that he has studied all surveys and investigation reports of subsurface and latent physical conditions referred to in the Specifications and made such additional surveys and investigations as he deems necessary for the performance of the Work at the Contract Price in accordance with the requirements of the Contract Documents and that he has correlated the results of all such data with the requirements of the Contract Documents.

COMMENCEMENT OF CONTRACT TIME:

2.5 The Contract Time will commence to run in accordance with the Notice to Proceed.

STARTING THE PROJECT:

2.6 CONTRACTOR shall start to perform his obligations under the Contract Documents on the date when the Contract Time commences to run. No Work shall be done at the site prior to the date on which the Contract Time commences to run, except with the written consent of the OWNER.

BEFORE STARTING CONSTRUCTION:

2.7 Before undertaking each part of the Work, CONTRACTOR shall carefully study and compare the Contract Documents and check and verify pertinent figures shown thereon and all applicable field measurements. He shall at once report in writing to ENGINEER any conflict, error or discrepancy which he may discover; however, he shall not be liable to OWNER or ENGINEER for his failure to discover any conflict, error or discrepancy in the Drawings or Specifications. CONTRACTOR shall pot-hole existing utilities to ascertain exact location throughout the entire project. CONTRACTOR shall notify the ENGINEER any such locations of utilities which will prevent the work from being performed as designed, any work performed in which conflicts with an existing utility shall be remedied by the CONTRACTOR at his sole expense.

SCHEDULE OF COMPLETION:

2.8 Within ten (10) days after delivery of the Notice to Proceed by OWNER to CONTRACTOR, CONTRACTOR shall submit to ENGINEER an estimated progress schedule with earnings indicating the starting and completion dates of the various stages of the Work, and a preliminary schedule of Shop Drawing submissions. (See paragraphs 6.22 through 6.26.) The ENGINEER shall review and return this schedule or require revisions thereto within 14 days of its submittal. If there is more than one CONTRACTOR involved in a project, the responsibility for coordinating the Work of all CONTRACTORS shall be as provided in the Special Conditions.

2.9 At a time deemed appropriate by the OWNER to but before starting the Work at the site, a preconstruction conference may be held to review the above schedules, to establish procedures for handling shop drawings and other submissions and for processing Applications for Payment, and to establish a working understanding between the parties as to the project. Present at the conference will be the OWNER or his representative, ENGINEER, Resident Project

Representatives, CONTRACTOR and his Superintendent.

QUALIFICATION OF SUBCONTRACTORS MATERIALMEN AND SUPPLIERS:

2.10 Within ten (10) working days after bid opening, the CONTRACTOR will (if required) submit to the OWNER and the ENGINEER, for acceptance, a list of the names of Subcontractors and such other persons and organizations (including those who are to furnish principal items of material or equipment) proposed for those portions of the Work as to which the identity of the Subcontractors and other person and organizations must be submitted as specified in the Contract Documents. Within thirty (30) working days after receiving the list, the ENGINEER will notify the CONTRACTOR in writing if either the OWNER or the ENGINEER, after due investigation, has reasonable objection to any Subcontractor, person or organization on such list. The failure of the OWNER or the ENGINEER to make objection to any Subcontractor, person or organization on the list within thirty days of receipt shall constitute an acceptance of such Subcontractor, person or organization. Acceptance of any such Subcontractor, person or organization shall not constitute a waiver of any right of the OWNER or the ENGINEER to reject defective Work, material or equipment, or Work, material or equipment not in conformance with the requirements of the Contract Documents.

ARTICLE 3 - CORRELATION, INTERPRETATION AND INTENT OF CONTRACT DOCUMENTS:

3.1 It is the intent of the Specifications and Drawings to describe a complete Project to be constructed in accordance with the Contract Documents. The Contract Documents comprise the entire Agreement between the OWNER and the CONTRACTOR. They may be altered only by a Modification.

3.2 The Contract Documents are complementary; what is called for by one is as binding as if called for by all. If CONTRACTOR finds a conflict, error or discrepancy in the Contract Documents, he shall call it to the ENGINEER'S attention in writing at once and before proceeding with the Work affected thereby; however, he shall not be liable to OWNER or ENGINEER for his failure to discover any conflict, error or discrepancy in the Specifications or Drawings. The various Contract Documents shall be given precedence, in case of conflict, error or discrepancy, as follows: Agreement Modifications, Addenda, Special Conditions, and Instruction's to Bidders, General Conditions, Technical Specifications and Drawings. If the requirements of one are more stringent than the other, the more stringent requirements shall apply.

3.3 The words "furnish", "furnish and install", "install", and "provide" or words with similar meaning shall be interpreted, unless otherwise specifically stated, to mean

"furnish and install complete in place and ready for service."

3.4 Miscellaneous items and accessories which are not specifically mentioned, but which are essential to produce a complete and properly operating installation, or usable structure or plant providing the indicated function, shall be furnished and installed without change in the Contract Price. Such miscellaneous items and accessories shall be of the same quality standards including material, style, finish, strength, class, weight and other applicable characteristics, as specified for the major component of which the miscellaneous item or accessory is an essential part, and shall be approved by the ENGINEER before installation. The above requirement is not intended to include major components not covered by or inferable from the Drawings and Specifications.

3.5 The Work of all trades under this Contract shall be coordinated by the CONTRACTOR in such a manner as to obtain the best workmanship possible for the entire Project, and all components of Work shall be installed or erected in accordance with the best practices of the particular trade.

3.6 Manufacturer's literature, when referenced, shall be dated and numbered and is intended to establish the minimum requirements acceptable. Whenever reference is given to codes or standard specifications or other data published by regulating agencies or accepted organizations, including but not limited to National Electrical Code, applicable State Building Code, Federal Specifications, ASTM Specifications, various institute specifications, and the like, it shall be understood that such reference is to the latest edition including addenda in effect on the date of Bid.

3.7 Brand names where used in the Technical Specifications, are intended to denote the standard of quality required for the particular material or product. The use of a brand name item is to set a standard of quality and is not intended to restrict the Contractor from offering an equal item from other source(s) of supply. The term "equal" or "equivalent" when used in connection with brand names, shall be interpreted to mean a material or product that is similar and equal in type, quality, size, capacity, composition, finish, color and other applicable characteristics to the material or product specified by trade name, and that is for the same use and capable of performing the same function, in the opinion of the ENGINEER, as the material or product so specified. Proposed equivalent items must be approved by ENGINEER before they are purchased or incorporated in the Work.

ARTICLE 4 - AVAILABILITY OF LANDS; SUBSURFACE CONDITIONS; REFERENCE POINTS:

Availability of Lands

4.1 The OWNER will furnish, as indicated in Contract Documents, the lands upon which the Work is to be done, rights-of-way for access thereto, and such other lands which are designated for use of the CONTRACTOR. Easements for permanent structures or permanent changes in existing facilities will be obtained and paid for by the OWNER, unless otherwise specified in the Contract Documents. Other access to such lands or rights-of-way for the CONTRACTOR'S convenience shall be the responsibility of the CONTRACTOR. The CONTRACTOR will provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

4.2 The OWNER will, upon request, furnish to the BIDDERS copies of all available boundary surveys.

Subsurface Conditions:

4.3 The CONTRACTOR acknowledges that he has investigated prior to bidding and satisfied himself as to the conditions affecting the Work, including but not restricted to those bearing upon transportation, disposal, handling and storage of materials, availability of labor, water, electric power, roads and uncertainties of weather, river stages, tides, water tables or similar physical conditions at the site, the conformation and conditions of the grounds, the character of equipment and facilities needed preliminary to and during prosecution of the Work. The CONTRACTOR further acknowledges that he has satisfied himself as to the character, quality and quantity of surface and subsurface materials or obstacles to be encountered insofar as this information is reasonably ascertainable from an inspection of the site, including all exploratory work done on behalf of the OWNER on the site or any contiguous site, as well as from information presented by the Drawings and Specifications made a part of this Contract, or any other information made available to him prior to receipt of Bids. Any failure by the CONTRACTOR to acquaint himself with the available information will not relieve him from responsibility for estimating properly the difficulty or cost of successfully performing the Work. Any additional information necessary to ascertain subsurface soil conditions, including test holes and soil borings, not provided by the OWNER shall be undertaken by the BIDDER prior to bidding at his cost. Such exploration shall be adequate to satisfy the BIDDER of the materials expected to be encountered on the project. The OWNER assumes no responsibility for any conclusions or interpretations made by the CONTRACTOR on the basis of the information made available by the OWNER.

Differing Site Conditions

4.4 (a) The CONTRACTOR shall promptly, and before such conditions are disturbed, notify the OWNER in writing of: (1) subsurface or latent physical conditions at the site differing materially from those indicated in this contract, or

(2) unknown physical conditions at the site, of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in this contract. The OWNER shall promptly investigate the conditions, and if he finds that such conditions do materially so differ and cause an increase or decrease in the Contractor's cost of, or the time required for, performance of any part of the work under this contract, whether or not changed as a result of such conditions, an equitable adjustment shall be made and the contract modified in writing accordingly.

(b) No claim of the CONTRACTOR under this clause shall be allowed unless the CONTRACTOR has given the notice required in (a) above.

(c) No claim by the CONTRACTOR for an equitable adjustment hereunder shall be allowed if asserted after final payment under this contract.

ARTICLE 5 - BONDS AND INSURANCE:

Performance and Payment Bonds:

5.1 The contractor's attention is directed to the Information for Bidders and Supplement to General Conditions.

Contractor's Liability Insurance:

5.2 The CONTRACTOR shall provide the OWNER with insurance certificates certifying that all required insurance is in force; and such insurance certificates shall include provisions that the insurance shall not be canceled, allowed to expire or be materially changed without giving the OWNER advance notice by registered mail.

5.3 The CONTRACTOR agrees that if any part of the Work under the contract is sublet, he will require the Subcontractor(s) to carry insurance as required, and that he will require the Subcontractor(s) to furnish to him insurance certificates similar to those required by the OWNER in 5.1 and 5.2 above.

5.4 The CONTRACTOR agrees to add ENGINEER to insurance policy as additional insured.

Owner's Liability Insurance

5.4 The OWNER will be responsible for purchasing and maintaining his own liability insurance and, at his option, may purchase and maintain such insurance as will protect him against claims which may arise from operations under the Contract Documents.

Fire and Extended Coverage Insurance (Builders' Risk):

5.5 The CONTRACTOR shall maintain, as applicable, in an Insurance Company or Insurance Companies acceptable to the OWNER, Fire, Extended Coverage and Vandalism & Malicious Mischief Insurance on buildings and structures, while in the course of construction, including foundations, additions, attachments and all permanent fixtures belonging to and constituting a part of said buildings or structures. The policy or policies shall also cover machinery, if the cost of machinery is included in the Contract. The amount of insurance should at all times be at least equal to the actual cash value of the insured property. The policy shall be in the name of the OWNER and the CONTRACTOR, as their interests may appear, and shall also cover the interests of all Subcontractors performing work.

5.6 The CONTRACTOR shall provide the OWNER with satisfactory evidence certifying that the foregoing insurance is in force; and such evidence shall include provisions that the insurance shall not be canceled, allowed to expire or be materially changed without giving the OWNER advance notice by registered mail.

Cancellation and Re-Insurance:

5.7 If any insurance should be canceled or changed by the insurance company or should any insurance expire during the period of this Contract, the CONTRACTOR shall be responsible for securing other acceptable insurance to provide the coverage specified in this section to maintain continuous coverage during the life of this Contract.

ARTICLE 6 - CONTRACTOR'S RESPONSIBILITIES:

Supervision and Superintendence:

6.1 The CONTRACTOR will supervise and direct the Work. He will be solely responsible for the means, methods, techniques, safety, sequences and procedures of construction. The CONTRACTOR will employ and maintain on the Work a qualified supervisor or superintendent who shall have been designated in writing by the CONTRACTOR as the CONTRACTOR'S representative at the site. The supervisor shall have full authority to act on behalf of the CONTRACTOR and all communications given to the supervisor shall be as binding as if given to the CONTRACTOR. The supervisor shall be present on the site at all times as required to perform adequate supervision and coordination of the Work. (Copies of written communications given to the Superintendent shall be mailed to the Contractor's home or office.)

Labor, Materials and Equipment:

6.2 The CONTRACTOR will provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. He will at all times maintain good discipline and order at the site.

6.3 The CONTRACTOR will furnish all materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, local telephone, water and sanitary facilities and all other facilities and incidentals necessary for the execution, testing, initial operation and completion of the Work.

6.4 All materials and equipment will be new, except as otherwise provided in the Contract Documents. When special makes or grades of material which are normally packaged by the supplier or manufacturer are specified or approved, such materials shall be delivered to the site in their original packages or container with seals unbroken and labels intact.

6.5 All materials and equipment shall be applied, handled, installed, connected, erected, used, cleaned and conditioned in accordance with the instructions of the applicable manufacturer, fabricator or processors and industry standards, except as otherwise provided in the Contract Documents.

Materials, Equipment, Products and Substitutions:

6.6 Materials, equipment and products incorporated in the Work must be approved for use before being purchased by the CONTRACTOR. The CONTRACTOR shall submit to the ENGINEER a list of proposed materials, equipment or products, together with such samples as may be necessary for him to determine their acceptability and obtain his approval, within ninety (90) calendar days after award of Contract. No request for payment for "or equal" equipment will be approved until this list has been received and approved by the ENGINEER.

6.6.1 Whenever a material, article or piece of equipment is identified on the drawings or Specifications by reference to brand names or catalogue number, it shall be understood that this is referenced for the purpose of defining the performance or other salient requirements and that other products of equal capacities, quality and function shall be considered. The CONTRACTOR may recommend the substitution of a material, article, or piece of equipment of equal substance and function for those referred to in the Contract Documents by reference to brand names or catalog number, and if, in the opinion of the ENGINEER, such material, article, or piece of equipment is of equal substance and function to that specified, the ENGINEER may approve its substitution and use by the CONTRACTOR. Incidental charges or extra component parts required to accommodate the substitute will be made by the CONTRACTOR without a change in the Contract Price, or Contract Time.

6.6.2 No substitute shall be ordered or installed without the written approval of the ENGINEER who shall be the judge of equality.

6.6.3 Delay caused by obtaining approvals for substitute materials will not be considered justifiable grounds for an extension of construction time.

6.6.4 Should any work or materials, equipment or products not conform to requirements of the Drawings and Specifications or become damaged during the process of the Work, such Work or materials shall be removed and replaced, together with any work disarranged by such alterations, at any time before completion and acceptance of the Project. All such work shall be done at the expense of the CONTRACTOR. (See paragraph 7.10)

6.6.5 No materials or supplies for the Work shall be purchased by the CONTRACTOR or by any Subcontractor subject to any chattel mortgage or under a conditional sale or other agreement by which an interest is retained by the Seller. The CONTRACTOR warrants that he has good title to all materials and supplies used by him in the Work.

Concerning Subcontractors:

6.7 The CONTRACTOR will not employ any Subcontractor, other person or organization of the types referred to in paragraph 2.10 (whether initially or as a substitute) against whom the OWNER or the ENGINEER may have reasonable objection, nor will the CONTRACTOR be required to employ any Subcontractor against whom he has reasonable objection. The CONTRACTOR will not make any substitution for any Subcontractor who has been accepted by the OWNER and the ENGINEER, unless the ENGINEER determines that there is good cause for doing so.

6.8 The CONTRACTOR shall be fully responsible for all acts and omissions of his Subcontractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts any of them may be liable to the same extent that he is responsible for the acts and omissions of persons directly employed by him. Nothing in the Contract Documents shall create any contractual relationship between OWNER or ENGINEER and any Subcontractor or other person or organization having a direct contract with CONTRACTOR, nor shall it create any obligation on the part of OWNER or ENGINEER to pay or to see to the payment of any moneys due any Subcontractor or other person or organization, except as may otherwise be required by law. OWNER or ENGINEER may furnish to any Subcontractor or other person or organization, to the extent practicable, evidence of amounts paid to CONTRACTOR on account of specific Work done in accordance with the schedule of values.

6.9 The divisions and sections of the Specifications and the identifications of any

drawings shall not control the CONTRACTOR in dividing the work among Subcontractors or delineating the Work to be performed by any specific trade.

6.10 The CONTRACTOR agrees to bind specifically every Subcontractor to the applicable terms and conditions of the Contract Documents for the benefit of the OWNER.

6.11 All Work performed for the CONTRACTOR by a Subcontractor shall be pursuant to an appropriate agreement between the CONTRACTOR and the Subcontractor.

6.12 The CONTRACTOR shall be responsible for the coordination of the trades, Subcontractors and material men engaged upon his Work.

6.12.1 The CONTRACTOR shall cause appropriate provisions to be inserted in all subcontracts relative to the Work to bind Subcontractors to the CONTRACTOR by the terms of these General Conditions and other Contract Documents insofar as applicable to the Work of Subcontractors, and to give the CONTRACTOR the same power as regards terminating any subcontract that the OWNER may exercise over the CONTRACTOR under any provisions of the Contract Documents.

6.12.2 The OWNER or ENGINEER will not undertake to settle any differences between the CONTRACTOR and his Subcontractors or between Subcontractors.

6.12.3 If in the opinion of the ENGINEER, any Subcontractor on the project proves to be incompetent or otherwise unsatisfactory, he shall be replaced if and when directed in writing.

Patent Fees and Royalties:

6.13 The CONTRACTOR will pay all license fees and royalties and assume all costs incident to the use of any invention, design, process or device which is the subject of patent rights or copyrights held by others. He will indemnify and hold harmless the OWNER and ENGINEER and anyone directly or indirectly employed by either of them from and against all claims, damages, losses, and expenses (including attorneys' fees) arising out of any infringement of such rights during or after completion of the Work, and shall defend all such claims in connection with any alleged infringement of such rights.

6.14 The CONTRACTOR shall be responsible for determining the application of patent rights and royalties on materials, appliances, articles or systems prior to bidding. However, he shall not be responsible for such determination on systems which do not involve purchase by him of materials, appliances, and articles.

Permits:

6.15 The CONTRACTOR will secure and pay for all construction permits and licenses and will pay all governmental charges and inspection fees necessary for the prosecution of the Work, which are applicable at the time of his Bid. When such charges are normally made by the OWNER, there will be no charges to the CONTRACTOR. The OWNER shall assist the CONTRACTOR, when necessary, in obtaining such permits and licenses. The CONTRACTOR will also pay all public utility charges.

Laws and Regulations:

6.16 The CONTRACTOR will give all notices and comply with all laws, ordinances, rules and regulations applicable to the Work. If the CONTRACTOR observes that the Specifications or Drawings are at variance therewith, he will give the ENGINEER prompt written notice thereof, and any necessary changes shall be adjusted by an appropriate Modification. If the CONTRACTOR performs any Work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the ENGINEER, he will bear all costs arising wherefrom; however, it shall not be his primary responsibility to make certain that the Drawings and Specifications are in accordance with such laws, ordinances, rules and regulations.

Taxes:

6.17 Cost of all sales and other taxes for which the CONTRACTOR is liable under the Contract shall be included in the Contract Price stated by the CONTRACTOR.

Record Drawings:

6.18 The CONTRACTOR will keep one record copy of all Specifications, Drawings, Addenda, Modifications, and Shop Drawings at the site in good order and annotated to show all changes made during the construction process. These shall be available to the Engineer and shall be delivered to him for the OWNER upon completion of the Project. It shall be used for this purpose only.

Safety and Protection:

6.19 The CONTRACTOR will be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. He will take all necessary precautions for the safety of, and will provide the necessary protection to prevent damage, injury or loss to:

6.19.1 All employees on the work and other persons who may be affected thereby.

6.19.2 All the Work and all materials or equipment to be incorporated therein,

whether in storage on or off the site.

6.19.3 Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

6.20 The CONTRACTOR will designate a responsible member of his organization at the site whose duty shall be the prevention of accidents. This person shall be the CONTRACTOR'S superintendent unless otherwise designated in writing by the CONTRACTOR to the OWNER.

Emergencies:

6.21 In emergencies affecting the safety of persons or the Work or property at the site or adjacent thereto, the CONTRACTOR, without special instruction or authorization from the ENGINEER or OWNER, is obligated to act, at his discretion, to prevent threatened damage, injury or loss. He will give the ENGINEER prompt written notice of any significant changes in the Work or deviations from the Contract Documents caused thereby, and a Change Order shall be issued covering the changes and deviations involved. If the CONTRACTOR believes that additional work done by him in an emergency which arose from causes beyond his control entitles him to an increase in the Contract Price or an extension of the Contract Time, he may make a claim therefore as provided in Articles 11 & 12.

Shop Drawing and Samples:

6.22 After checking and verifying all field measurements, the CONTRACTOR will submit to the ENGINEER for review, in accordance with the accepted schedule of Shop Drawing submissions (see paragraph 2.9) three (3) copies (or at the ENGINEER'S option, one reproducible copy) of all Shop Drawings, which shall have been checked by and stamped with the approval of the CONTRACTOR. The data shown on the Shop Drawings will be complete with respect to dimensions, design criteria, materials of construction and the like to enable the ENGINEER to review the information as required.

6.23 The CONTRACTOR will also submit to the ENGINEER for review, with such promptness as to cause no delay in Work, all samples required by the Contract Documents. All samples will have been checked by and stamped with the approval of the CONTRACTOR, identified clearly as to material, manufacturer, any pertinent catalog numbers and the use for which intended.

6.24 At the time of each submission, the CONTRACTOR will in writing call the ENGINEER'S attention to any deviations that the Shop Drawings or sample may have from the requirements of the Contract Documents.

6.25 The ENGINEER will review with reasonable promptness Shop Drawings and samples, but his review shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents. The review of a separate item as such will not indicate review of the assembly in which the item functions. The CONTRACTOR will make any corrections required by the ENGINEER and will return the required number of corrected copies of Shop Drawings and resubmit new samples until the review is satisfactory to the ENGINEER. The CONTRACTOR shall direct specific attention in writing or on resubmitted Shop Drawings to revisions other than the corrections called for by the ENGINEER on previous submissions. The CONTRACTOR'S stamp of approval on any Shop Drawings or sample shall constitute a representative to the OWNER and the ENGINEER that the CONTRACTOR has either determined and verified all quantities, dimensions, field construction criteria, materials, catalogue numbers and similar data or he assumes full responsibility for doing so, and that he has reviewed or coordinated each Shop Drawings or sample with the requirements of the Work and the Contract Documents.

6.26 No Work requiring a Shop Drawing or sample submission shall be commenced until the submission has been reviewed by the ENGINEER. A copy of each Shop Drawing and each approved sample shall be kept in good order by the CONTRACTOR at the site and shall be available to the ENGINEER.

6.27 The ENGINEER'S review of Shop Drawings or samples shall not relieve the CONTRACTOR from his responsibility for any deviations from the requirements of the Contract Documents unless the CONTRACTOR has in writing called the ENGINEER'S attention to such deviation at the time of submission and the ENGINEER has given written approval to the specific deviation, nor shall any review by the ENGINEER relieve the CONTRACTOR from responsibility for errors or omission in the Shop Drawings.

Cleaning Up:

6.28 The CONTRACTOR shall clean up behind the Work as much as is reasonably possible as the Work progresses. Upon completion of the Work, and before acceptance of and final payment for the Project by the OWNER, the CONTRACTOR shall remove all his surplus and discarded materials excavated material and rubbish from the roadways, sidewalks, parking areas, lawns and all adjacent property; shall clean his portion of Work involved in any building under this Contract, so that no further cleaning by the OWNER is necessary prior to his occupancy; shall restore all property, both public and private, which has been disturbed or damaged during the prosecution of the Work; and shall leave the whole in a neat and presentable condition.

6.29 Clean-up operations shall consistently be carried on by the CONTRACTOR at all times to keep the premises free from accumulation of waste materials and

rubbish. Upon completion of the Work he shall remove all rubbish, tools, scaffolding, surplus materials, etc., and shall leave his work "broom clean", or its equivalent, unless more exactly specified elsewhere in the Contract. The CONTRACTOR shall do the cleaning for all trades upon completion of the Work.

6.30 General. In case of dispute, the OWNER may remove the rubbish and charge the cost to the CONTRACTOR as the ENGINEER shall determine to be just.

Public Convenience and Safety:

6.31 The CONTRACTOR shall, at all times, conduct the Work in such a manner as to insure the least practicable obstruction to public travel. The convenience of the general public and of the residents along and adjacent to the area of the Work shall be provided for in a satisfactory manner, consistent with the operation and local conditions. "Street Closed" signs shall be placed immediately adjacent to the Work, in a conspicuous position at such locations as traffic demands in accordance with the MUTCD. At any time that streets are required to be closed, the CONTRACTOR shall notify law enforcement agencies, fire departments, and parties operating emergency vehicles before the street is closed and again as soon as it is opened. Access to fire hydrants and other fire extinguishing equipment shall be provided and maintained at all times. The CONTRACTOR shall keep the portion of the project being used by the public in satisfactory condition. It may become necessary for the CONTRACTOR to sweep the roadway surface to completely remove debris.

Sanitary Provisions:

6.32 The CONTRACTOR shall furnish necessary toilet conveniences, secluded from public observation, for use of all personnel on the Work, whether or not in his employ. They shall be kept in a clean and sanitary condition and shall comply with the requirements and regulations of the Public Authorities having jurisdiction. He shall commit no public nuisance. Temporary sanitary facilities shall be removed upon completion of the Work and the premises shall be left clean.

Indemnification:

6.33 The CONTRACTOR will indemnify and hold harmless the OWNER and the ENGINEER and their agents and employees from and against all claims, damages, losses, and expenses including attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claim, damage, loss, or expense (a) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than Work itself) including the loss of use resulting wherefrom and (b) is caused in whole or in part by any negligent act or omission of the CONTRACTOR, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

6.34 In any and all claims against the OWNER or the ENGINEER or any of their agents or employees, by any employee of the CONTRACTOR, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under paragraph 6.33 shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the CONTRACTOR or any Subcontractor under workmen's compensation acts, disability benefit acts or other employee benefit acts.

6.35 The obligations of the CONTRACTOR under paragraph 6.33 shall not extend to the liability of the Engineer's negligent acts, errors or omissions or those of his employees or agents.

Responsibility for Connecting to Existing Work:

6.36 It shall be the express responsibility of the CONTRACTOR to connect his Work to each part of the existing work or work previously installed as required by the Drawings and Specifications to provide a complete installation.

Work in Street, Highway and Other Rights-of-Way:

6.37 Excavation, grading, fill, storm drainage, paving and any other construction or installations in rights-of-way of streets, highways, public carrier lines, utility lines (either aerial, surface or subsurface), etc., shall be done in accordance with requirements of the Contract Documents. The CONTRACTOR will be responsible for obtaining all permits necessary for the work. Upon completion of the Work, CONTRACTOR shall present to ENGINEER certificates, in triplicate, from the proper authorities stating that the Work has been done in accordance with their requirements.

6.37.1 The OWNER will cooperate with the CONTRACTOR in obtaining action from any utilities or public authorities involved in the above requirements.

6.37.2 The ENGINEER shall be responsible for obtaining elevations of curbs and gutters, pavement, storm drainage structures, and other such items which must be established by governmental departments as soon as grading operations are begun on the site and, in any case, sufficiently early in the construction period to prevent any adverse effect on the Project.

Cooperation with Governmental Departments, Public Utilities, Etc.:

6.38 The OWNER shall be responsible for making all necessary arrangements with governmental departments, public utilities, public carriers, service companies and corporations owning or controlling roadways, railways, water, sewer, gas, electrical,

telephone, and telegraph facilities such as pavements, tracks, piping, wires, cables, conduits, poles, guys, etc., including incidental structure connected therewith, that are encountered in the work in order that such items may be properly shored, supported and protected, or the CONTRACTOR may relocate them if he so desires. The CONTRACTOR shall give all proper notices, shall comply with requirements of such parties in the performance of his Work, shall permit entrance of such parties on the Project in order that they may perform their necessary work, and shall pay all charges and fees made by such parties for this work.

6.38.1 The CONTRACTOR'S attention is called to the fact that there may be delays on the Project due to work to be done by governmental departments, public utilities, and others in repairing or moving poles, conduits, etc. The CONTRACTOR shall cooperate with the above parties, in every way possible, so that the construction can be completed in the least possible time.

6.38.2 The CONTRACTOR shall have made himself familiar with all codes, laws, ordinances and regulations which in any manner affect those engaged or employed in the Work, or materials and equipment used in or upon the Work, or in any way affect the conduct of the Work, and no plea of misunderstanding will be considered on account of his ignorance thereof.

Use of Premises:

6.39 CONTRACTOR shall confine his apparatus, storage of materials, and operations of his workmen to limits indicated by law, ordinances, permits, and directions of ENGINEER and OWNER, and shall not unnecessarily encumber any part of site.

6.39.1 CONTRACTOR shall not overload or permit any part of any structure to be loaded with such weight as will endanger its safety, nor shall he subject any part of the Work to stresses or pressures that will endanger it.

6.39.2 CONTRACTOR shall enforce OWNER'S instructions in connection with signs, advertisements, fires and smoking.

6.39.3 CONTRACTOR shall arrange and cooperate with OWNER in routing and parking of automobiles of his employees, subcontractors and other personnel and in routing material delivery trucks and other vehicles to the Project Site.

Protection of Existing Property Improvements:

6.40 Any existing surface or subsurface improvements, such as pavements, curbs, sidewalks, pipes or utilities, footings or structures (including portions thereof), trees, and shrubbery not indicated on the Drawings or noted in the Specifications as being

removed or altered shall be protected from damage during construction of the Project. Any such improvements damaged during construction of the Project shall be restored to a condition equal to that existing at time of award of Contract.

Temporary Heat:

6.41 The General CONTRACTOR shall provide heat, fuel and services as necessary to protect all work and materials, within all habitable areas of permanent building construction, for all contracts against injury from dampness and cold until final acceptance of all work and materials for the Project, unless building is fully occupied by the OWNER prior to such acceptance, in which case the OWNER shall assume all expenses of heating from date of full occupancy. In areas outside those covered above, each prime contractor shall be responsible for providing such temporary heat, fuel and services as required to protect his work or shall make all necessary arrangements with the General CONTRACTOR for providing such temporary heat, fuel and services. Unless otherwise specifically permitted by Special Conditions, the permanent heating system shall not be used to provide temporary heat. CONTRACTOR'S proposed methods of heating shall be submitted for approval.

ARTICLE 7 - WORK BY OTHERS:

7.1 The OWNER may perform additional work related to the Project by himself, or he may let other direct contracts therefore which shall contain General Conditions similar to these. The CONTRACTOR will afford the other contractors who are parties to such direct contracts (or the OWNER, if he is performing the additional work himself), reasonable opportunity for the introduction and storage of materials and equipment and the execution of work, and shall properly connect and coordinate his Work with theirs.

7.2 If any part of the CONTRACTOR'S work depends for proper execution or results upon the work of any such other CONTRACTOR (or the OWNER), the CONTRACTOR will promptly report to the ENGINEER in writing any defects or deficiencies in such work that render it unsuitable for such proper execution and results.

7.3 The CONTRACTOR will do all cutting, fitting, and patching of his Work that may be required to make its several parts come together properly and fit it to receive or be received by such other work. The CONTRACTOR will not endanger any work of others by cutting, excavating or otherwise altering their work and will only cut or alter their work with the written consent of the ENGINEER and of the other contractors whose work will be affected.

7.4 If the performance of additional work by other contractors or the OWNER is not noted in the Contract Documents prior to the execution of the Contract, written notice thereof shall be given to the CONTRACTOR prior to starting any such additional work. If the CONTRACTOR believes that the performance of such additional work by the OWNER or others involves him in additional expense or entitles him to an extension of the Contract Time, he may make a claim therefore as provide in Articles 11 and 12.

7.5 Where practicable, the CONTRACTOR shall build around the work of other separate contractors or shall leave chases, slots and holes as required to receive and to conceal within the general construction work the work of such other separate contractors as directed by them. Where such chases, slots, etc., are impracticable, the work shall require specific approval of the ENGINEER.

7.6 Necessary chases, slots and holes not built or left by the CONTRACTOR shall be cut by the separate contractor requiring such alterations after approval of the CONTRACTOR. The CONTRACTOR shall do all patching and finishing of his Work where cut by other contractors at the expense of such other contractors.

7.7 Cooperation is required in the use of site facilities and in the detailed execution of the Work. Each contractor shall coordinate his operations with those of the other contractors for the best interest of the Work in order to prevent delay in the execution thereof.

7.8 Each contractor shall keep himself informed of the progress of the work of other contractors. Should lack of progress or defective workmanship on the part of other contractors interfere with his operations, the CONTRACTOR shall notify the ENGINEER immediately. Lack of such notice to the ENGINEER will be construed as acceptance by the CONTRACTOR of the status of the work of other contractors as being satisfactory for proper coordination of his own work.

7.9 Each contractor shall give notices of the progress of his work so as to allow other contractors adequate opportunity to properly direct and coordinate their work. The CONTRACTOR shall give notices of the progress of his Work so that work of other contractors, when required to be concealed, may be placed before the general construction Work. All such notices shall be submitted to the ENGINEER with copies to other prime contractors on the Project sufficiently ahead of job progress to permit adequate time for the other prime contractors to coordinate their work.

7.10 The cost of extra work resulting from lack of notices, untimely notices, failure to respond to notices, defective work or lack of coordination shall be borne by the CONTRACTOR responsible for such lack of notices, etc.

ARTICLE 8 - OWNER'S RESPONSIBILITIES:

8.1 The OWNER will issue all communications to the CONTRACTOR through the ENGINEER.

8.2 In case of termination of the employment of the ENGINEER, the OWNER will appoint an engineer against whom the CONTRACTOR makes no reasonable objection, whose status under the Contract Documents shall be that of the former ENGINEER. Any dispute in connection with such appointment shall be subject to arbitration, if mutually agreeable.

8.3 The OWNER will furnish the data required of him under the Contract Documents promptly and shall make payments to the CONTRACTOR promptly after they are due as provided in Article 14.

8.4 OWNER'S duties in respect of providing lands and easements and providing engineering surveys to establish reference points are set forth in paragraphs 4.1, 4.4 and the Special Conditions. Paragraphs 4.2 and 4.3 refer to OWNER'S identifying and making available to CONTRACTOR copies of surveys and investigation reports of subsurface and latent physical conditions at the site or otherwise affecting performance of the Work which have been relied upon by ENGINEER in preparing the Drawings and Specifications.

8.5 The OWNER'S responsibilities in respect of liability and property insurance are set forth in paragraph 5.4.

8.6 In addition to his rights to request changes in the Work in accordance with Article 10, the OWNER (especially in certain instances as provided in paragraph 10.4) will be obligated to execute Change Orders.

8.7 In connection with the OWNER'S right to stop Work or suspend Work; see paragraph 15.1. Paragraph 15.3 deals with the OWNER'S right to terminate services of the CONTRACTOR under certain circumstances.

8.8 The OWNER shall have the right to take possession of and use any completed or partially completed portions of the Work, notwithstanding the fact that the time for completing the entire Work or any portion thereof may not have expired; but such taking possession and use shall not be deemed an acceptance of any Work not completed in accordance with the Contract Documents. If such prior use increases the cost of or delays the Work, the CONTRACTOR shall be entitled to such extra compensation or extension of time or both, except by prior agreement, as the ENGINEER may determine. See paragraph 14.11.

ARTICLE 9 - ENGINEER'S STATUS DURING CONSTRUCTION:

Owner's Representative:

9.1 The ENGINEER shall be the OWNER'S representative during the construction period. The duties and responsibilities and the limitations of authority of the ENGINEER as the OWNER'S representative during construction are set forth in Articles 1 through 17 of these General Conditions and shall not be extended without written consent of the OWNER and the ENGINEER.

9.1.1 The ENGINEER'S decision, in matters relating to aesthetics shall be final, if within the terms of the Contract Documents.

9.1.2 Except as may be otherwise provided in this contract all claims, counter-claims, disputes and other matters in question between the OWNER and the CONTRACTOR arising out of or relating to this agreement or the breach thereof will be decided by arbitration if the parties hereto mutually agree, or in a court of competent jurisdiction within the State in which the OWNER is located.

Visits to Site:

9.2 The ENGINEER will make periodic visits to the site to observe the progress and quality of the executed Work and to determine, in general, if the Work is proceeding in accordance with the Contract Documents. He will not be required to make continuous on-site observations to check the quality or quantity of the Work. His efforts will be directed toward ascertaining on behalf of the OWNER that the completed Project will conform to the requirements of the Contract Documents. On the basis of his on-site observations as an experienced and qualified design professional, he will keep the OWNER informed of the progress of the Work and will endeavor to guard the OWNER against defects and deficiencies in the Work of contractors.

Clarifications and Interpretations:

9.3 The ENGINEER will issue with reasonable promptness such written clarification or interpretations of the Contract Documents (in the form of Drawings or otherwise) as he may determine necessary, which shall be consistent with or reasonably inferable from the overall intent of the Contract Documents. If the Contractor believes that a written clarification and interpretation entitles him to an increase in the Contract Price or extension of Contract Time, he may make a claim therefore as provided in Articles 11 and 12.

Measurement of Quantities:

9.4 All Work completed under the Contract will be measured by the CONTRACTOR according to the United States Standard Measures. All linear surface measurements will be made horizontally or vertically as required by the item measured.

Rejecting Defective Work:

9.5 The ENGINEER will have authority to disapprove or reject Work which is "defective" (which term is hereinafter used to describe Work that is unsatisfactory, faulty or defective, or does not meet the requirements of any inspection, test or approval or has been damaged prior to final acceptance). He will also have authority to require special inspection or testing of the Work whether or not the Work is fabricated, installed or completed.

Shop Drawings, Change Orders and Payments:

9.6 In connection with the ENGINEER'S responsibility as to Shop Drawings and samples, see paragraphs 6.22 through 6.27, inclusive.

9.7 In connection with the ENGINEER'S responsibility for Change Orders; see Articles 10, 11, and 12.

9.8 In connection with the ENGINEER'S responsibilities in respect of Application for Payment, etc., see Article 14.

Resident Project Representative:

9.9 The OWNER or the ENGINEER will provide on-site representation sufficient to guarantee that construction is in general compliance with the construction drawings and the contract specifications.

Decisions on Disagreements:

9.10 The ENGINEER will be the initial interpreter of the terms and conditions of the Contract Documents and the judge of the performance hereunder. In his capacity as interpreter and judge, he will exercise his best efforts to insure faithful performance by both the OWNER and the CONTRACTOR. He will not show partiality to either and shall not be liable for the result of any interpretation or decision rendered in good faith. Claims, disputes and other matters relating to the execution and progress of the Work or the interpretation of or performance under the Contract Documents shall be referred initially to the ENGINEER for decision; which he shall render in writing within a reasonable time.

9.11 Either the OWNER or the CONTRACTOR, if the other agrees, may request legal action with respect to any such claim, dispute or other matter that has been

referred to the ENGINEER, except any which have been waived by the making or acceptance of final payment as provided in paragraph 14.11, such legal action to be in accordance with Article 16. However, no request for legal action of any such claim, dispute or other matter shall be made until the earlier of (a) the date on which the ENGINEER has rendered his decision or (b) the tenth day after the parties have presented their evidence to the ENGINEER if he has not rendered his written decision before that date. No request for legal action shall be made later than thirty (30) days after the date on which the ENGINEER rendered his written decision in respect of the claim, dispute or other matter as to which legal action is sought; and the failure to request legal action within said thirty (30) days period shall result in the ENGINEER'S decision being final and binding upon the OWNER and the CONTRACTOR. If the ENGINEER renders a decision after legal proceedings have been initiated, such decision may be entered as evidence but shall not supersede the legal proceedings, except where the decision is acceptable to the parties concerned.

Limitations on Engineer's Responsibilities:

9.12 Neither the ENGINEER'S authority to act under this Article 9 nor any decision made by him in good faith either to exercise or not exercise such authority shall give rise to any duty or responsibility of the ENGINEER to the CONTRACTOR, any Subcontractor, any of their agents or employees or any other person performing any of the Work.

9.13 The ENGINEER will not be responsible for the construction means, methods, techniques, sequences or procedures, or the safety precautions and programs incident thereto, and he will not be responsible for the CONTRACTOR's failure to perform the Work in accordance with the Contract Documents.

9.14 The ENGINEER will not be responsible for the acts or omissions of the CONTRACTOR, or any Subcontractors, or any of his or their agents or employees, or any other person performing any of the Work.

ARTICLE 10 - CHANGES IN THE WORK:

10.1 Without invalidating the Agreement, the OWNER may, at any time or from time to time, order additions, deletions or revisions in the Work; these will be authorized by Change Orders. Upon receipt of a Change Order, the CONTRACTOR will proceed with the Work involved. All such Work shall be executed under the applicable conditions of the Contract Documents. If any Change Order causes an increase or decrease in the Contract Price or an extension or shortening of the Contract Time, an equitable adjustment will be made as provided in Article 11 or Article 12. A Change Order signed by the CONTRACTOR indicates his agreement

therewith.

10.2 The ENGINEER may authorize minor changes or alterations in the Work not involving extra cost and not inconsistent with the overall intent of the Contract Documents. These may be accomplished by a Field Order. If the CONTRACTOR believes that any minor change or alteration authorized by the ENGINEER entitles him to an increase in the Contract Price or extension of Contract Time, he may make a claim therefore as provided in Articles 11 and 12.

10.3 Additional Work performed by the CONTRACTOR without authorization of a Change Order will not entitle him to an increase in the Contract Price or an extension of the Contract Time, except in the case of an emergency as provided in paragraph 6.21 and except as provided in paragraph 10.2.

10.4 The OWNER will execute appropriate Change Orders prepared by the ENGINEER covering changes in the Work to be performed as provided in paragraph 4.4, and Work performed in an emergency as provided in paragraph 6.21 and any other claim of the CONTRACTOR for a change in the Contract Time or the Contract Price which is approved by the ENGINEER.

10.5 It is the CONTRACTOR'S responsibility to notify his surety of any changes affecting the general scope of the Work or change in the Contract Price and the amount of the applicable bonds shall be adjusted accordingly. The CONTRACTOR will furnish proof of such adjustment to the OWNER.

ARTICLE 11 - CHANGE OF CONTRACT PRICE:

11.1 The Contract Price constitutes the total compensation payable to the CONTRACTOR for performing the Work. All duties, responsibilities and obligations assigned to or undertaken by the CONTRACTOR shall be at his expense without changing the Contract Price.

11.2 (a) The OWNER may, at any time, without notice to the sureties, by written order designated or indicated to be a change order, make any change in the Work within the general scope of the contract, including but not limited to changes:

- (1) In the specifications (including drawings and designs);
- (2) In the method or manner of performance of the work;
- (3) In the Owner-furnished facilities, equipment, materials, services, or site; or
- (4) Directing acceleration in the performance of the work.

(b) Any other written order or an oral order (which terms as used in this paragraph (b) shall include direction, instruction, interpretation or determination) from the

OWNER, which causes any such change, shall be treated as a change order under this clause, provided that the CONTRACTOR gives the OWNER written notice stating the date, circumstances, and source of the order and that the CONTRACTOR regards the order as a change order.

(c) Except as herein provided, no order, statement, or conduct of the OWNER shall be treated as a change under this clause or entitle the Contractor to an equitable adjustment hereunder.

(d) If any change under this clause causes an increase or decrease in the CONTRACTOR'S cost of, or the time required for, the performance of any part of the work under this contract, whether or not changed by any order, an equitable adjustment shall be made and the contract modified in writing accordingly: PROVIDED, HOWEVER, that except for claims based on defective specifications, no claim for any change under (b) above shall be allowed for any costs incurred more than 20 days before the CONTRACTOR gives written notice as therein required. And provided further, that in the case of defective specifications for which the OWNER is responsible, the equitable adjustment shall include any increased cost reasonably incurred by the CONTRACTOR in attempting to comply with such defective specifications.

(e) If the CONTRACTOR intends to assert a claim for an equitable adjustment under this clause, he must, within 30 days after receipt of a written change order under (a) above or the furnishing of a written notice under (b) above, submit to the OWNER a written statement setting forth the general nature and monetary extent of such claim, unless this period is extended by the OWNER. The statement of claim hereunder may be included in the notice under (b) above.

(f) No claim by the CONTRACTOR for an equitable adjustment hereunder shall be allowed if asserted after final payment under this contract.

11.3 The value of any Work covered by a Change Order or of any claim for an increase or decrease in the Contract Price shall be determined in one of the following ways:

11.3.1 Where the Work involved is covered by unit prices contained in the Contract Documents by application of unit prices to the quantities of the items involved.

11.3.2 By negotiated lump sum.

11.3.3 The actual cost for labor, direct overhead, materials, supplies, equipment, and other services necessary to complete the work plus a fixed amount to be agreed upon to cover the cost of general overhead and profit to be negotiated.

11.4 The term Cost of the Work means the sum of all costs necessarily incurred and

paid by the CONTRACTOR in the proper performance of the Work. Except as otherwise maybe agreed to in writing by OWNER, such costs shall be in amounts no higher than those prevailing in the locality of the Project, shall include only the following items and shall not include any of the costs itemized in paragraph 11.5:

11.4.1 Payroll costs for employees in the direct employ of CONTRACTOR in the performance of the Work under schedules of job classifications agreed upon by OWNER and CONTRACTOR. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to salaries and wages plus the costs of fringe benefits which shall include social security contributions, unemployment, excise and payroll taxes, workmen's compensation, health and retirement benefits, bonuses, sick leave, vacation and holiday pay applicable thereto. Such employees shall include superintendents and foremen at the site. The expenses of performing work after regular working hours, on Sunday or legal holidays shall be included in the above to the extent authorized by OWNER.

11.4.2 Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and manufacturer's field services required in connection therewith. All cash discounts shall accrue to CONTRACTOR unless OWNER deposits funds with CONTRACTOR with which to make payments, in which case the cash discounts shall accrue to OWNER. All trade discounts, rebates and refunds, and all returns from sale of surplus materials and equipment shall accrue to OWNER, and CONTRACTOR shall make provisions so that they may be obtained.

11.4.3 Payments made by CONTRACTOR to the Subcontractors for Work performed by Subcontractors. If required by OWNER, CONTRACTOR shall obtain competitive bids from Subcontractors acceptable to him and shall deliver such Bids to OWNER who will then determine with the advice of ENGINEER, which Bids will be accepted. If a subcontract provides that the Subcontractor is to be paid on the basis of Cost of Work plus a Fee, the cost of the Work shall be determined in accordance with paragraphs 11.4 and 11.5.

11.4.4 Costs of special consultants (including but not limited to, engineers, architects, testing laboratories, surveyors, lawyers and accountants) employed for services specifically related to the Work.

11.4.5 Supplemental costs including the following:

11.4.5.1 The proportion of necessary transportation, travelling and subsistence expenses of CONTRACTOR'S employees incurred in discharge of duties connected with the Work.

11.4.5.2 Cost, including transportation and maintenance, of all materials, supplies,

equipment, machinery, appliances, office and temporary facilities at the site and hand tools not owned by the workmen, which are consumed in the performance of the Work, and cost less market value of such items used but not consumed which remain the property of CONTRACTOR.

11.4.5.3 Rentals of all construction equipment and machinery and the parts thereof whether rented from CONTRACTOR or other in accordance with rental agreements approved by OWNER with the advice of ENGINEER, and the cost of transportation, loading, unloading, installation, dismantling and removal thereof--all in accordance with terms of said rental agreements. The rental of any such equipment, machinery or parts shall end when the use thereof is no longer necessary for the Work.

11.4.5.4 Sales, use or similar taxes related to the Work, and for which CONTRACTOR is liable imposed by any governmental authority.

11.4.5.5 Deposits lost for causes other than CONTRACTOR'S negligence, royalty payments and fees for permits and licenses. Costs for permits and licenses must be shown as a separate item.

11.4.5.6 Losses, damages and expenses, not compensated by insurance or otherwise, sustained by CONTRACTOR in connection with the execution of, and to, the Work, provided they have resulted from causes other than the negligence of CONTRACTOR, any Subcontractors, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of OWNER. No such losses, damages and expenses shall be included in the Cost of Work for the purpose of determining CONTRACTOR'S fee. If, however, any such loss or damage requires reconstruction and CONTRACTOR is placed in charge thereof, he shall be paid for his services a fee proportionate to that stated in paragraph 11.6.2.

11.4.5.7 The cost of utilities, fuel and sanitary facilities at the site.

11.4.5.8 Minor expenses such as telegrams, long distance telephone calls, telephone service at the site, expressage and similar petty cash items in connection with the Work.

11.4.5.9 Cost of premiums for additional Bonds and Insurance required because of changes in the Work.

11.5 The term cost of the Work shall not include any of the following:

11.5.1 Payroll costs and other compensation of CONTRACTOR'S officers, executives, principals, (of partnership and sole proprietorships), general managers, engineers, architects, estimators, lawyers, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks and other personnel employed

by CONTRACTOR whether at the site or in his principal or a branch office for general administration of the Work and not specifically included in the schedule referred to in subparagraph 11.4.1 -- all of which are to be considered administrative costs covered by the CONTRACTOR'S Fee.

11.5.2 Expenses of CONTRACTOR'S principal and branch offices other than his office at the site.

11.5.3 Any part of CONTRACTOR'S capital expenses, including interest on CONTRACTOR'S capital employed for the Work and charges against CONTRACTOR'S for delinquent payments.

11.5.4 Cost of premiums for all bonds and for all insurance policies whether or not CONTRACTOR is required by the Contract Documents to purchase and maintain the same (except as otherwise provide in subparagraph 11.4.5.9.)

11.5.5 Costs due to the negligence of CONTRACTOR, any Subcontractors, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable including but not limited to, the correction of defective work, disposal of materials or equipment wrongly supplied and making good any damage to property.

11.5.6 Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in paragraph 11.4.

11.6 The CONTRACTOR'S Fee which shall be allowed to CONTRACTOR for his overhead and profit shall be determined as follows;

11.6.1 A mutually acceptable firm fixed price; or if none can be agreed upon,

11.6.2 A mutually acceptable fixed fee based on the estimate of the various portions of the Cost of the Work.

11.7 The amount of credit to be allowed by CONTRACTOR to OWNER for any such change which results in a net decrease in cost will be the amount of the actual net decrease. When both additions and credits are involved in any one change, the net shall be computed to include overhead and profit, identified separately, for both additions and credits.

11.8 Whenever the cost of any Work is to be determined pursuant to paragraphs 11.4 and 11.5, CONTRACTOR will submit in form prescribed by ENGINEER an itemized cost breakdown together with supporting data.

11.9 Allowances: It is understood that the CONTRACTOR has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be done by such material men, suppliers, or Subcontractors and for such sums within the limit of the allowances as the ENGINEER may approve. Upon final payment, the Contract Price shall be adjusted as required and an appropriate Change Order issued. The CONTRACTOR agrees that the original Contract Price includes such sums as he deems proper for costs and profit on account of cash allowances. No demand for additional cost or profit in connection therewith will be allowed.

11.9.1 These allowances shall cover the cost to the CONTRACTOR less any applicable trade discount, of the materials and equipment required by the allowance delivered at the site, and all applicable taxes.

11.9.2 The CONTRACTOR'S costs for unloading and handling on site, labor, installation costs, overhead, profit and other expenses contemplated for the original allowance shall be included in the Contract Price and not in the allowance.

11.9.3 Whenever the cost, as described in 11.9.1 above, is more than or less than the allowance, the Contract Price shall be adjusted accordingly by Change Order. The amount of the Change Order will recognize changes, if any, in handling costs on the site, labor, installation costs, overhead, profit and other expenses, except that whenever unit price allowances are stipulated for brick, the Change Order will not include any cost as described in 11.5 above.

ARTICLE 12 - CHANGE OF THE CONTRACT TIME:

12.1 The Contract Time may only be changed by a Change Order. Any claim for an extension in the Contract Time shall be based on written notice delivered to OWNER and ENGINEER within ten days of the occurrence of the event giving rise to the claim. Notice of the extent of the claim with supporting data shall be delivered within forty-five days of such occurrence unless ENGINEER allows an additional period of time to ascertain more accurate data. All claims for adjustment in the Contract Time shall be determined by ENGINEER if OWNER and CONTRACTOR cannot otherwise agree. Any change in the Contract Time resulting from any such claim shall be incorporated in a Change Order.

12.2 The Contract Time will be extended in an amount equal to time lost due to delays beyond the control of CONTRACTOR if he makes a claim therefore as provided in paragraph 12.1. Such delays shall include, but not be restricted to, acts or neglect by any separate contractor employed by OWNER, fires, floods, labor disputes, epidemics, or acts of God.

12.3 All time limits stated in the Contract Documents are of the essence of the Agreement. The provisions of the Article 12 shall not exclude recovery for damages (including compensation for additional professional services) for delay by either party.

12.4 No claim for delay shall be allowed because of failure to furnish Drawings until two weeks after demand for such drawings and not then unless such claim be reasonable.

12.5 This article does not exclude the recovery of damages for delay by either party under other provisions in the Contract Documents.

ARTICLE 13 - GUARANTY:

13.1 The CONTRACTOR shall guarantee all materials and equipment furnished and Work performed for a period of one (1) year from the date of SUBSTANTIAL COMPLETION. The CONTRACTOR warrants and guarantees for a period of one (1) year from the date of SUBSTANTIAL COMPLETION of the system that the completed system is free from all defects due to faulty materials or workmanship and the CONTRACTOR shall promptly make such corrections as may be necessary by reason of such defects including the repairs of any damage to other parts of the system resulting from such defects. The OWNER will give notice of observed defects with reasonable promptness. In the event that the CONTRACTOR should fail to make such repairs or adjustments, in the Work that may be made necessary by such defects, the OWNER may do so and charge the CONTRACTOR the cost thereby incurred. The Performance Bond shall remain in full force and effect through the guarantee period.

ARTICLE 14 - PAYMENTS AND COMPLETION:

Payments to Contractors:

14.1 At least ten (10) days before each progress payment falls due (but not more often than once a month), the CONTRACTOR will submit to the ENGINEER a partial payment estimate filled out and signed by the CONTRACTOR covering the WORK performed during the period covered by the partial payment estimate and supported by such data as the ENGINEER may reasonably require. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at or near the site, the partial payment estimate shall also be accompanied by such supporting data, satisfactory to the OWNER. The ENGINEER will, within ten (10) days after receipt of each partial payment estimate, either indicate in writing his approval of payment and present the partial

payment estimate to the OWNER, or revise the partial payment estimate provides the same to the CONTRACTOR indicating in writing his reasons for refusing or revising payment. In the latter case, the CONTRACTOR may make the necessary corrections and resubmit the partial payment estimate. The OWNER will, within forty-five (45) days of presentation to him of an approved partial payment estimate, pay the CONTRACTOR a progress payment on the basis of the approved partial payment estimate. The OWNER may retain a portion of the amount otherwise due the CONTRACTOR. Except as State law otherwise provides, the amount the OWNER retains shall be limited to the following:

14.1.1 Withholding of not more than 5 percent of the payment claimed until work is 50 percent complete;

14.1.2 When Work is 50 percent complete, reduction of the withholding to 2.5 percent of the dollar value of all Work satisfactorily completed to date, provided that the CONTRACTOR is making satisfactory progress and there is no specific cause for greater withholding and the same is requested by the CONTRACTOR in writing;

14.1.3 When the Work is substantially complete (operational or beneficial occupancy), the withheld amount shall be further reduced below 5 percent to only that amount necessary to assure completion.

14.1.4 The OWNER may reinstate up to 5 percent withholding if the OWNER determines, at its discretion, that the CONTRACTOR is not making satisfactory progress or there is other specific cause for such withholding.

Contractor's Warranty of Title:

14.2 The CONTRACTOR warrants and guarantees that title to all work, materials and equipment covered by an Application for Payment, whether incorporated in the Project or not, will have passed to the OWNER prior to the making of the Application for payment, free and clear of all liens, claims, security interests and encumbrances (hereafter in these General Conditions referred to as "Liens") and that no work, materials or equipment covered by an Application for Payment will have been acquired by the CONTRACTOR or by any other person performing the Work at the Site or furnishing materials and equipment for the Project, subject to an agreement under which an interest therein or encumbrance thereon is retained by the seller or otherwise imposed by the CONTRACTOR or such other person.

Approval of Payments:

14.3 The ENGINEER'S approval of any payment requested in an Application for Payment shall constitute a representation by him to the OWNER, based on the ENGINEER'S on-site observations of the Work in progress as an experienced and

qualified design professional and on his review of the Application of Payment and the supporting data, that the Work has progressed to the point indicated; That, to the best of his knowledge, information and belief, the quality of the Work is in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning Project upon Substantial Completion, to the results of any subsequent tests called for in the Contract Documents and any qualifications stated in his approval), and that the CONTRACTOR is entitled to payment of the amount approved. However, by approving any such payment, the ENGINEER shall not thereby be deemed to have represented that he made exhaustive or continuous on-site observations to check the quality or the quantity of the Work, or that he has reviewed the means, methods, techniques, sequences, and procedures of construction or that he has made any examination to ascertain how or for what purpose the CONTRACTOR has used the moneys paid or to be paid to him on account of the Contract Price, or that title to any Work, materials, or equipment has passed to the OWNER free and clear of any Liens.

14.4 The CONTRACTOR shall make the following certification on each request for payment:

"I hereby certify that the labor and materials listed on this request for payment has been used in the construction of this work or that all materials included in this request for payment and not yet incorporated into the construction are now on the site or stored at an approved location; and payment received from the last request for payment has been used to make payments to all first-tier subcontractors and suppliers except as listed below."

14.5 The ENGINEER'S approval of final payment shall constitute an additional representation by him to the OWNER that the conditions precedent to the CONTRACTOR'S being entitled to final payment as set forth in paragraph 14.11 have been fulfilled.

14.6 The ENGINEER may refuse to approve the whole or any part of any payment if, in his opinion, he is unable to make such representations to the OWNER. He may also refuse to approve any such payment, because of subsequently discovered evidence or the results of subsequent inspections or tests nullify any such payment previously approved, to such extent as may be necessary in his opinion to protect the OWNER from loss because:

14.6.1 The Work is defective, reasonable doubt exists to the integrity, or completed Work has been damaged requiring correction or replacement,

14.6.2 The Work for which payment is request cannot be verified,

14.6.3 Claims or Liens have been filed or there is reasonable evidence indicating the probable filing thereof,

14.6.4 The Contract Price has been reduced because of Modifications,

14.6.5 The OWNER has been required to correct defective Work or complete the Work in accordance with paragraph 13.1,

14.6.6. Of unsatisfactory prosecution of the Work, including failure to clean up as required by paragraphs 6.29 and 6.30,

14.6.7. Of persistent failure to cooperate with other contractors on the Project and persistent failure to carry out the Work in accordance with the Contract Documents,

14.6.8. Of liquidated damages payable by the CONTRACTOR or,

14.6.9. Of any other violation of, or failure to comply with, the provisions of the Contract Documents.

14.7 Prior to Substantial Completion, the OWNER, with the approval of the ENGINEER and with the concurrence of the CONTRACTOR, may use any completed or substantially completed portions of the Work. Such use shall not constitute and acceptance of such portions of the Work.

14.8 The OWNER shall have the right to enter the premises for the purpose of doing work not covered by the Contract Documents. This provision shall not be construed as relieving the CONTRACTOR of the sole responsibility for the care and protection of the Work, or restoration of any damaged Work, except such as may be caused by agents or employees of the OWNER.

14.9 Upon completion and acceptance of the Work, the ENGINEER shall issue a certificate attached to the final payment request that the Work has been accepted by him under the conditions of the Contract Documents. The entire balance found to be due the CONTRACTOR, including the retained percentages, but except such sums as may be lawfully retained by the OWNER, shall be paid to the CONTRACTOR within forty-five (45) days of completion and acceptance of the Work.

14.10 The CONTRACTOR will indemnify and save the OWNER or the OWNER'S agents harmless from all claims growing out of the lawful demands of Subcontractors, laborers, workmen, mechanics, material men, and furnishers of machinery and parts thereof, equipment, tools, and all supplies, incurred in the furtherance of the performance of the Work. The CONTRACTOR shall, at the OWNER'S request, furnish satisfactory evidence that all obligations of nature designated above have been paid, discharged, or waived. If the CONTRACTOR fails to do so the OWNER may, after having notified the CONTRACTOR, either pay unpaid bills or withhold from the CONTRACTOR'S unpaid compensation a sum of money deemed reasonably sufficient to pay any and all such lawful claims until

satisfactory evidence is furnished that all liabilities have been fully discharged whereupon payment to the CONTRACTOR shall be resumed, in accordance with the terms of the Contract Documents, but in no event shall the provisions of this sentence be construed to impose any obligations upon the OWNER to either the CONTRACTOR, any payment so made by the OWNER shall be considered as a payment made under the Contract Documents by the OWNER to the CONTRACTOR and the OWNER shall not be liable to the CONTRACTOR for any such payments made in good faith.

Acceptance of Final Payment as Release:

14.11 When all items of work are completed to the satisfaction of the ENGINEER and the ENGINEER has been advised by the CONTRACTOR that a final inspection is desired, time will be suspended until final inspection is conducted and for an additional 14 calendar days after the CONTRACTOR has been notified in writing of the results of the inspection. If after the end of the 14-day suspension all necessary items of work have not been completed, time changes 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 liquidated 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 after the CONTRACTOR has been notified in writing of the results of the inspection. 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 and all items of work have been completed, the daily time charge will cease.

14.12 The acceptance by the CONTRACTOR of final payment shall be and shall operate as a release to the OWNER of all claims and liability to the CONTRACTOR other than claims in stated amounts as may be specifically excepted by the CONTRACTOR for all things done or furnished in connection with this Work and for every act and neglect of the OWNER and others relating to or arising out of this Work. Any payment however, final or otherwise, shall not release the CONTRACTOR or his sureties from any obligations under the Contract Documents or the Performance Bond and Payment Bonds.

ARTICLE 15 - SUSPENSION OF WORK AND TERMINATION:

Owner May Suspend Work:

15.1 The OWNER may, at any time and without cause, suspend the Work or any

portion thereof for a period of not more than ninety days by notice in writing to the CONTRACTOR and the ENGINEER which shall fix the date on which Work shall be resumed. The CONTRACTOR will be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to any suspension if he makes a claim therefore as provided in Articles 11 and 12.

Work During Inclement Weather:

15.2 No Work shall be done under these Specifications except by permission of the OWNER when the weather is unfitting for good and careful work to be performed. Should the severity of the weather continue, the CONTRACTOR, upon the direction of the OWNER, shall suspend all work until instructed to resume operations by the OWNER and the Contract Time shall be extended to cover the duration of the order. Work damaged during periods of suspension due to inclement weather shall be repaired and/or replaced by the CONTRACTOR. Any compensation for repairs or replacements shall be subject to approval of the OWNER.

Owner May Terminate:

15.3 If the CONTRACTOR is adjudged bankrupt or insolvent, or if he makes a general assignment for the benefit of his creditors, or if a trustee or receiver is appointed for the CONTRACTOR or for any of his property; or if he files a petition to take advantage of any debtor's act, or to reorganize under the bankruptcy or similar laws, or if he repeatedly fails to supply sufficient skilled workmen or suitable materials or equipment, or if he repeatedly fails to make prompt payments to Subcontractors or for labor, materials or equipment or he disregards laws, ordinances, rules regulations or orders of any public body having jurisdiction, or if he disregards the authority of the ENGINEER, or if he otherwise violates any provision of the Contract Documents, then the OWNER may without prejudice to any other right or remedy and after giving the CONTRACTOR and his surety seven days written notice, terminate the services of the CONTRACTOR and take possession of the Project and of all materials, equipment, tools, construction equipment and machinery thereon owned by the CONTRACTOR, and finish the Work by whatever method he may deem expedient. In such case the CONTRACTOR shall not be entitled to receive any further payment until the Work is finished. If the unpaid balance of the Contract Price exceeds the direct and indirect costs of completing the Project, including compensation for additional professional services, such excess shall be paid to the CONTRACTOR. If such costs exceed such unpaid balance, the CONTRACTOR or the Surety will pay the difference to the OWNER. Such costs incurred by the OWNER will be determined by the ENGINEER and incorporated in a Change Order.

15.4 Where the CONTRACTOR'S services have been so terminated by the OWNER, said terminations shall not affect any rights of the OWNER against the CONTRACTOR then existing or which may thereafter accrue. Any retention or

payment of moneys by the OWNER due the CONTRACTOR will not release the CONTRACTOR from liability.

15.5 Upon seven days written notice to the CONTRACTOR and the ENGINEER, the OWNER may, without cause and without prejudice to any other right or remedy, elect to abandon the Project and terminate the Agreement. In such case, the CONTRACTOR shall be paid for all Work executed and any expense sustained plus a reasonable profit.

Removal of Equipment:

15.6 In the case of termination of this Contract before completion, for any cause whatever, the CONTRACTOR if notified to do so by the OWNER, shall promptly remove any part or all of his equipment and supplies from the property of the OWNER. Should the CONTRACTOR not remove such equipment and supplies, the OWNER shall have the right to remove them at the expense of the CONTRACTOR. Equipment and supplies shall not be construed to include such items for which the CONTRACTOR has been paid in whole or in part.

Contractor May Stop Work or Terminate:

15.7 If, through no act or fault of the CONTRACTOR, the Work is suspended for a period of more than ninety (90) days by the OWNER or under an order of court or other public authority, or the ENGINEER fails to act on any Application for Payment within sixty (60) days after it is submitted, or the OWNER fails to pay the CONTRACTOR any sum approved by the ENGINEER or awarded by court ruling within forty-five (45) days of its approval and presentation, then the CONTRACTOR may, upon seven (7) days written notice to the OWNER and the ENGINEER, and if the OWNER or ENGINEER fails to reasonable respond in writing, terminate the Agreement and recover from the OWNER payment for all Work executed and any expense sustained plus a reasonable profit. In addition, and in lieu of terminating the Agreement, if the ENGINEER has failed to act on an Application for Payment or the OWNER has failed to make any payment as aforesaid, the CONTRACTOR may upon seven (7) days' notice to the OWNER and the ENGINEER stop the Work until he has been paid all amounts then due.

Owner Furnished Equipment:

15.8 In case the OWNER furnishes equipment to the CONTRACTOR to install, but fails to deliver it to the CONTRACTOR as required and in case such failure causes the CONTRACTOR additional expense or need for extension of time, the CONTRACTOR may make such claims upon the OWNER and obtain adjustments as provided herein.

Liquidated Damages:

15.9 If the CONTRACTOR shall fail to complete the work within the contract time, or extension of time granted by the OWNER, then the CONTRACTOR will pay to the OWNER the amount for liquidated damages as specified in the Contract Documents for each calendar day that the CONTRACTOR shall be in default after the time stipulated in the Contract Documents.

ARTICLE 16 - DISPUTE SETTLEMENT:

16.1 All claims, disputes and other matters in question arising out of, or relating to, this Agreement or the breach thereof except for claims which have been waived by the making or acceptance of final payment as provided by paragraph 14.11, shall be decided in a court of competent jurisdiction.

ARTICLE 17 - MISCELLANEOUS:

17.1 Whenever any provision of the Contract Documents requires the giving of written notice it shall be deemed to have been validly given if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or if delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to him who gives the notice.

17.2 If the OWNER fails to make payment forty-five (45) days after payment is due, in addition to other remedies available to the CONTRACTOR, there shall be added to each such progress payment, interest at 1% per month commencing on the first day after said payment is due and continuing until the payment is received by the CONTRACTOR.

17.3 All Specifications, Drawings and copies thereof furnished by the ENGINEER shall remain his property. They shall not be used on another Project, and, with the exception of those sets which have been signed in connection with the execution of the Agreement, shall be returned to him on request upon completion of the Project.

17.4 The duties and obligations imposed by these General Conditions, and the rights and remedies available hereunder, and, in particular but without limitation, the warranties, guarantees and obligations imposed upon CONTRACTOR by paragraphs 6.36 and 14.3 and the rights and remedies available to OWNER and ENGINEER there under, shall be in addition to, and shall not be construed in any way as a limitation of, any rights and remedies available by law, by special guarantee or by other provisions of the CONTRACT DOCUMENTS.

17.5 Should the OWNER or the CONTRACTOR suffer injury or damage to its person

or property because of any error, omission or act of the other or of any of his employee or agents or others for whose acts he is legally liable, claim shall be made in writing to the other party within a reasonable time of the first observance of such injury or damage.

17.6 The CONTRACT DOCUMENTS shall be governed by the law of the place of the Project.

Progress Charts and Requirements for Overtime Work

17.7 The CONTRACTOR shall within 5 days or within such time as determined by the OWNER after date of commencement of work prepare and submit to the OWNER for approval a practicable schedule, showing the order in which the CONTRACTOR proposes to carry on the work, the date on which he will start the several salient features (including procurement of materials, plans and equipment) and the contemplated dates for completing the same. The schedule shall be in the form of a progress chart of suitable scale to indicate appropriately the percentage of work scheduled for completion at any time. The CONTRACTOR shall enter on the chart the actual progress at such intervals as directed by the OWNER and shall immediately deliver to the OWNER three (3) copies thereof. If the CONTRACTOR fails to submit a progress schedule within the time herein prescribed, the owner may withhold approval of progress payment estimates until such time as the CONTRACTOR submits the required progress schedule.

17.8 If, in the opinion of the OWNER, the CONTRACTOR falls behind the progress schedule, the CONTRACTOR shall take such steps as may be necessary to improve his progress and the OWNER may require him to increase the number of shifts, or overtime operations, days of work, or the amount of construction plant, or update the progress schedule to reflect increased production for meeting the completion date, or all of them, and to submit for approval such supplementary schedule or schedules in chart form as may be deemed necessary to demonstrate the manner in which the agreed rate of progress will be regained, all without additional cost to the OWNER.

17.9 Failure of the CONTRACTOR to comply with the requirements of the OWNER under this provision shall be grounds for determination by the OWNER that the CONTRACTOR is not prosecuting the work with such diligence as will insure completion within the time specified. Upon such determination the OWNER may terminate the CONTRACTOR'S right to proceed with the work or any separable part thereof in accordance with the clause of the contract entitled, "Termination for Default-Damages for Delay - Time Extensions.

17.10 Should the Contractor fail to complete the work within the specified time, or within any extra time allowed under these specifications, a sum of money, determined by the following schedule, shall be deducted from any funds due the

Contractor, the Owner shall have the right recover the said sum or sums from the Contractor or from the surety, or from both. The amounts of these deductions are to cover the liquidated damages to the Owner incurred by additional or other expenses due to the failure of the Contractor to complete the work or any part of the work within the time specified, and such deductions are not to be considered penalties.

17.11 The damages indicated above shall be considered as liquidated damages for the loss to the OWNER on account of the expense due to the employment of Engineers and their assistants and to any others expenses incurred after the expiration of the Contract time as determined by the ENGINEER in section 14.11

17.12 Work requiring the presence or services of the ENGINEER, based-solely on the opinion of the ENGINEER, will not be permitted on Sunday or holidays observed by the State unless the ENGINEER determines that an emergency or necessity exists. Work on these days solely to complete the project within the contract time will not be considered a necessity or emergency.

17.13 The ENGINEER will prepare and submit to the CONTRACTOR one (1) preliminary punch list of items that do not meet the contract requirements after the final inspection and one (1) final punch list immediately before final completion and final payment.

SUPPLEMENTAL GENERAL CONDITIONS

ARTICLE 1 - SPECIAL CONDITIONS

SCOPE AND INTENT

Special conditions shall prevail over General Conditions in case of conflict. The Contractor shall furnish all labor, materials, equipment (including fuel), tools, appliances, transportation and perform all operations in connection with the construction of, alterations to, or repair of, the building, including utilities, complete, in strict accordance with the specifications and the plans governing the construction of, alterations to, or repair of, the project.

EXAMINATION OF PREMISES

Before submitting a proposal for his work, each bidder shall be held responsible to have examined the site and satisfied himself as to the conditions under which work is to be performed.

PERMITS, TAXES, AND ORDINANCES

The Contractor shall pay for all required permits, give legal notices, and pay taxes and assessments levied in connection with this contract. Building regulations shall be strictly adhered to and the contractor shall be responsible for knowledge thereof.

INSURANCES, ETC.

In addition to the requirements of the General Conditions, insurance coverage specified herein constitutes the minimum requirements and said requirements shall in no way lessen or limit the liability of the **CONTRACTOR** under the terms of the Contract. The **CONTRACTOR** shall procure and maintain at his own expense any additional kinds and amounts of insurance that, in his own judgment, may be necessary for his proper protection in the prosecution of the Work.

The **CONTRACTOR** shall carry insurance as prescribed herein and all policies shall be with companies satisfactory to the **OWNER**.

If a part of this Contract is sublet, the **CONTRACTOR** shall require each Subcontractor to carry insurance of the same kinds and in like amounts as carried by the **CONTRACTOR**. Certificates of insurance shall state that 30 days written notice will be given to the **OWNER** before the policy is canceled or changed. No **CONTRACTOR** or Subcontractor will be allowed to start any construction work on this Contract until certificates of all insurance required herein are filed and approved by the **OWNER**. The certificates shall

show the type, amount, class of operations covered, effective dates and the dates of expiration of policies.

The **CONTRACTOR** shall secure and maintain in effect for the period of the Contract and pay all premiums for the following kinds and amounts of insurance.

A. Workers' Compensation and Employer's Liability Insurance

This insurance shall protect the **CONTRACTOR** against all claims under applicable State Worker's Compensation Laws. The **CONTRACTOR** shall also be protected and shall cause each Subcontractor to be protected against claims for injury, disease, or death of employees which, for any reason, may not fall within the provisions of a Worker's Compensation Law. The liability limits shall not be less than the required statutory limits for Worker's Compensation and Employer's Liability or the amount of ONE HUNDRED THOUSAND DOLLARS (\$100,000.00) for each person whichever is more. This policy shall include an all states endorsement.

B. **CONTRACTOR'S** Comprehensive Public Liability and Property Damage Insurance, covering all operations in connection with the performance of this Contract in amounts not less than the following:

Bodily injury liability in the amount of FIVE HUNDRED THOUSAND DOLLARS (\$500,000) for each person and ONE MILLION DOLLARS (\$1,000,000) for each accident and property damage liability in the amount of TWO HUNDRED FIFTY THOUSAND DOLLARS (\$250,000) for all damages arising out of the injury or destruction of property in any one accident and subject to that limit per accident a total for aggregate limit of FIVE HUNDRED THOUSAND DOLLARS (\$500,000) for all damages arising out of injury to or destruction of property during the policy period.

The Comprehensive Public Liability and Property Damage policies carried by both the **CONTRACTOR** and the Subcontractors shall contain an endorsement to include the coverage of the following hazards:

- a. Explosion, collapse, and underground property damage to include any damage or destruction of property below the surface of the ground, such as wires, conduits, pipes, mains, sewers, etc., caused by the **CONTRACTOR'S** operations.
- b. The collapse of and structural injury to any building, structure or property on or adjacent to the **OWNER'S** premises or right-of-way caused by the **CONTRACTOR'S** operations in the removal of other buildings, structures, or supports, or by excavation below the surface of the ground.

- c. Contractual Liability Coverage for the Hold Harmless segments of the Contract Documents.

C. **CONTRACTOR'S Contingent or Protective Liability and Property Damage:**

In case part of this Contract is sublet, the **CONTRACTOR** shall secure contingent or protective liability and property damage insurance to protect him from any and all claims arising from the operation of his Subcontractors in the execution of Work included in the Contract. In no case shall the amount of such protection be less than the limits of \$500,000/\$1,000,000 for Public Liability Insurance and \$500,000/\$1,000,000 for Property Damage Insurance. The coverage in each case shall be acceptable to the **OWNER**.

D. **Automotive Public Liability and Property Damage**

The **CONTRACTOR** shall maintain automobile public liability insurance in the amount of not less than FIVE HUNDRED THOUSAND DOLLARS (\$500,000) for injury to one person and ONE MILLION DOLLARS (\$1,000,000) for one accident; and automobile property damage insurance in the amount of not less than FIVE HUNDRED THOUSAND DOLLARS (\$500,000) for one accident to protect him from any and all claims arising from the use of the following:

- a. **CONTRACTOR'S** own automobiles and trucks.
- b. Hired automobiles and trucks.
- c. Automobiles and trucks owned by Subcontractors.

The aforementioned is to cover use of automobiles and trucks on and off the site of the Project.

E. **OWNER'S Protective Liability Policy**

The **CONTRACTOR** shall maintain **OWNER'S** Protective Liability Insurance with the **OWNER** as the named insured, and the **ENGINEER**, and their servants, agents and employees as additional insureds in amounts not less than the following:

- a. Bodily Injury in the amount of ONE MILLION DOLLARS (\$1,000,000) for each person and ONE MILLION DOLLARS (\$1,000,000) for each accident and property damage liability in the amount of FIVE HUNDRED

THOUSAND DOLLARS (\$500,000) for all damages arising out of an injury or destruction of property in any one accident and subject to that limit per accident a total (or aggregate) limit of ONE MILLION DOLLARS (\$1,000,000) for all damages arising out of injury to or destruction of property during the policy period.

CLEANING UP

The CONTRACTOR shall, at all times, keep the premises free from accumulations of waste materials and at the completion of the work, be shall remove all his rubbish, tools, temporary buildings, etc. from and about the site and shall leave his work “broom” clean unless more exactly specified elsewhere. All glass shall be washed and left free from stains of any nature.

SPECIAL INSTRUCTIONS

LIMITATIONS

During construction, care is to be taken to prevent damage to the work in place. As soon as work is completed, all work is to be thoroughly cleaned. Before completion, all damaged work is to be repaired and left in perfect condition. The CONTRACTOR will be responsible for all clean up of the premises. All trash, etc. will be hauled away from the site, and the site left in a clean and neat condition. Alcoholic beverages of any type will not be permitted on job site.

PRODUCT/MATERIALS SUBSTITUTION

CONTRACTOR will submit prior to starting work on project any changes to materials specified. CONTRACTOR will submit all specification data, company name, and supplier of material that he wishes to substitute. All material will be evaluated. CONTRACTOR will be given approval/disapproval by OWNER. No substitutes will be taken into consideration after work has begun, no substitutes will be allowed if CONTRACTOR does not submit specification data within time allowed.

INSPECTION

All work covered by these specifications shall be subject to inspection by OWNER or his authorized representative. CONTRACTOR will coordinate with OWNER for inspections as required during construction, and furnish to the OWNER in writing a project schedule prior to mobilization of work at the job site.

SPECIFICATIONS AND DRAWINGS ARE RECIPROCAL

The specifications and drawings are intended mutually to explain each other and anything which is referred to in the specifications and not shown on the drawings shall be considered as being shown and mentioned and referred to in both of these documents. Such work shall be done and performed accordingly. Any drawing attached to this specification form is an integral part thereof and where such drawings, if any, differ from these specifications, the specifications shall govern.

AS-BUILT DRAWINGS

Occasionally, during the course of construction, modifications and changes may occur due to site conditions, unforeseen circumstances and problems encountered. This may result in a modification of construction as originally depicted on drawings. Contractor will furnish the OWNER a marked-up set of prints in red line of all changes and/or modifications that pertain to this contract. Drawings will be labeled. "AS-BUILT DRAWINGS".

GUARANTEES, WARRANTIES AND BONDS

1. All work will be guaranteed by the CONTRACTOR for a period of one (1) year from the date of substantial completion.
2. Wording for the notarized guarantee shall be as follows:
"We hereby guarantee all work performed by us on the above captioned project to be free from defective materials and workmanship for a period of one (1) year, or such longer period of time as may be called for in the Contract Documents for such portions of the work."
3. Guarantee Compliance:
Except as otherwise specified, all work shall be guaranteed by the CONTRACTOR and through him each sub-contractor against defects resulting from the use of inferior materials, equipment or workmanship for one (1) year from the date of substantial completion of the Contract. In case of work performed by his sub-contractors, the CONTRACTOR shall secure warranties from said sub-contractors and deliver copies of the same to the OWNER upon completion of the work. If, within any guarantee period, repairs or changes are required in connection with guaranteed work which, in the OWNER'S opinion, are rendered necessary as the result of use of materials, equipment or workmanship which are inferior, defective or not in accordance with terms of the Contract: CONTRACTOR shall promptly upon receipt of OWNER'S written notice, and without expense of the OWNER;
 - a. Place in satisfactory condition in every particular all such guaranteed work, correct all defects therein.
 - b. Make good all damage to the building, site, equipment or building contents which in the OWNER'S opinion is the result of the use of materials, equipment or workmanship which are inferior, defective, or not in

accordance with terms of the Contract.

- c. Make good any work or material or the equipment and contents of building or site disturbed in fulfilling such guarantee.

In any case where fulfilling the requirements of the Contract, or any guarantee embraced in or required thereby, the CONTRACTOR disturbs any work guaranteed under another's Contract, he shall restore such disturbed work to condition satisfactory to the OWNER and guarantee such restored work to the same extent as it was guaranteed under such other contract. If the CONTRACTOR, after notice, fails to proceed promptly to comply with terms of the guarantee, the OWNER may have the defects corrected and the CONTRACTOR and his surety shall be liable for all expense incurred. All special guarantees applicable to definite parts of the work that may be stipulated in the specification or other Contract Documents shall be subject to the terms of this Specification Section during the first year of the life of such special guarantees. All guarantees and warranties shall be obtained in the OWNER'S name and evidence thereof shall be promptly delivered to the OWNER'S Representative for transfer to the OWNER.

CLOSE-OUT DOCUMENTS

In general documents for close out, to be submitted by the CONTRACTOR to the OWNER, prior to final payment, shall be; but not limited to the following:

1. APPLICATION FOR PAYMENT: AIA Document G-702
2. CERTIFICATE OF SUBSTANTIAL COMPLETION: AIA Document G-704
3. CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS:
AIA Documents G-706 and G-706A: The Contractor shall furnish these AIA Documents complete with attached notarized full release of liens, damages, and a guarantee that all materials and labor are paid in accordance with Contract Documents with the following wording:
"WE HEREBY CERTIFY THAT ALL BILLS FOR LABOR AND MATERIALS INCORPORATED INTO THE ABOVE CAPTIONED PROJECT UNDER OUR CONTRACT HAVE BEEN PAID AND THAT THE OWNER IS RELEASED FROM ANY AND ALL CLAIMS AND/OR DAMAGES UNDER THIS CONTRACT."
4. CONSENT OF SURETY COMPANY TO FINAL PAYMENT: AIA Document G-707
To be completed in full by the Bonding Company.
5. CONTRACTOR'S NOTARIZED STATEMENT:
Notarized statement that project has been constructed in accordance with Contract Documents.
6. CONTRACTOR'S NOTARIZED STATEMENT OF GUARANTEE/S:
All work will be guaranteed by the Contractor for a period of one (1) year from the date of substantial completion. Wording will be as follows:
"WE HEREBY GUARANTEE ALL WORK PERFORMED BY US ON ABOVE CAPTIONED PROJECT TO BE FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR, OR SUCH LONGER PERIOD OF TIME AS MAY BE CALLED FOR IN THE CONTRACT DOCUMENTS FOR SUCH PORTIONS OF THE WORK."

In the case of work performed by his sub-contractors, the Contractor shall secure warranties from said sub-contractors and deliver copies of same to the Owner upon completion of work.

7. OPERATING AND MAINTENANCE MANUALS:

All manufacturer's operating instructions and maintenance manuals will be compiled in a tabbed and labeled 3-ring binder. (Furnish Owner with two (2) sets).

8. FORM W-9, PAYER'S REQUEST FOR TAXPAYER IDENTIFICATION NUMBER AND CERTIFICATION (IRS):

Form W-9 is to be completed by non-corporation contractors. Non-applicable if Contractor's firm is Incorporated.

9. FINAL CLEANING:

At close out time clean and re-clean entire work to normal level for "FIRST CLASS" maintenance/cleaning.

MEASUREMENT AND PAYMENT

Measurement and payment for the following bid items shall be as described and shall include all material equipment, labor and testing to install and make operational a complete sewer system as detailed on the contract drawings and in these specifications.

SEWER MAIN (SDR-26), HDPE, DUCTILE IRON, OR OTHER

Payment for all sewer mains will be per linear foot for various diameter pipe measured from centerline of manhole to centerline of manhole in relation to the diameter of the pipe and the depth of cut as shown in the individual bid items. The item shall be paid per linear foot.

REMOVAL OF EXISTING SEWER LINE

Payment for removal of existing sewer line shall be as indicated on the construction plans. The item shall include all labor, materials and equipment necessary to complete the item. The item shall be paid per linear foot.

ABANDONMENT OF EXISTING SEWER LINE

Payment for abandonment of existing sewer line shall be as indicated on the construction plans. The item shall include all labor, materials and equipment necessary to complete the item. The item shall be paid per linear foot.

TRACER WIRE SYSTEM FOR SEWER

Installation requirements for tracer wire shall be as indicated on the construction plans. The item shall include all labor, materials and equipment necessary to provide a complete tracer system for the sewer infrastructure with proper grounding and connection points as shown in the plans and specifications. Grounding and hook-up locations shall be included in the price of the tracer wire system. The item shall be paid per lump sum.

MANHOLES

Payment for manholes will be per each and depth of manhole in appropriate depth bracket measured from lid of manhole to downstream invert. Depth shall be based on individual bid items.

DEMOLITION AND REMOVAL OF EXISTING MANHOLE

Payment for demolition and removal of existing manhole shall be as indicated on the construction plans. The item shall include the removal of the manhole frame and lid assembly with storage and delivery to City of Hattiesburg. Demolition of the remainder of the manhole as indicated on the construction plans shall include removal of the manhole as indicated. The item shall include all labor, equipment and materials necessary to demolish and remove an existing manhole. Bypass pumping shall be an absorbed portion of this item should it be necessary for the removal. The item shall be paid per each.

ABANDONMENT OF EXISTING MANHOLE

Payment for abandonment of existing manhole shall be as indicated on the construction plans. The item shall include all labor, materials and equipment necessary to complete the item. The item shall be paid per each.

DROP MANHOLE ASSEMBLY

Payment for drop manhole assembly shall include furnishing and installing all hardware required to assemble a drop as detailed in the plans and specifications. Payment shall be per each.

SANITARY SEWER SERVICE CLEANOUT

Payment for sewer cleanout will be per each to include all labor, materials and equipment at the bid size. Price shall reflect each necessary cleanout as determined by the ENGINEER to provide sanitary sewer service to project area.

SANITARY SEWER SERVICE

Payment for sanitary sewer service will be per linear foot for various diameter pipe. Item shall include pvc pipe, fittings, and other items necessary for a functioning service. Item shall include all labor, equipment and materials necessary to install all equipment. The item shall be per linear foot.

SANITARY SEWER SERVICE TEE

Payment for sanitary sewer service tee will be per each at the bid size and type. Price shall include all labor, materials and equipment necessary to install sanitary sewer service tee based on plans and specifications.

DUCTILE IRON, PVC and HDPE WATER SYSTEMS

Payment for item shall include furnishing and installing all pipe, trenching, compaction of required bedding and backfill excavation, disposal of excess excavated material sheeting, shoring, bracing, dewatering, testing, fittings, reducers, flushing the system and related items not specifically covered under other pay items. The contract price shall be determined by the measured distance of pipe installed and accepted per linear foot.

TRACER WIRE SYSTEM FOR WATER

Installation requirements for tracer wire shall be as indicated on the construction plans. The item shall include all labor, materials and equipment necessary to provide a complete tracer system for the water infrastructure with proper grounding and connection points as shown in the plans and specifications. Grounding and hook-up locations shall be absorbed in the price of the tracer wire system. The item shall be paid per lump sum.

CONNECTION ITEMS

Payment for connection items shall include installation of reducers, fittings, valve boxes, trenching, excavation, compaction of backfill, blocking, disposal of excess excavated material, sheeting, shoring bracing, dewatering, testing, flushing and related items not specifically covered under other pay items as depicted on the construction plans. Pay shall be determined per each.

GATE VALVES

Payment for installation of gate valves shall include furnishing gate valves, valve boxes, trenching, excavating, compaction of backfill, disposal of excess excavated material, sheeting, shoring, bracing, dewatering, testing, flushing and related items not specifically covered under other pay items as depicted on the construction plans. Pay shall be determined per each.

FIRE HYDRANT WITH APPURTENANCES

Payment for installation of fire hydrant with appurtenance shall include furnishing fire hydrant, gate valve, valve box, piping, trenching, excavating, compaction of backfill, blocking, disposal of excess excavated material, sheeting, shoring, bracing, dewatering, testing, flushing and related items not specifically covered under other pay items. Pay shall be determined per each to include fire hydrant, tees, gate valve, valve box, pipe and other miscellaneous items as required to provide an operational hydrant. Pay shall be determined per each.

SERVICE TAP

Payment for service tap shall include all fittings, tubing, tapping saddle, corporation stop, materials, labor and equipment to provide a new water service. Item shall be paid per each.

SERVICE TUBING

Payment for installation of service tubing shall include furnishing and installing service tubing as directed by the ENGINEER. Item shall include all boring, trenching, excavating, compaction of backfill, disposal of excess excavated material etc. to install service tubing as directed. Payment shall be per linear foot measured from each connection point.

CRUSHED AGGREGATE

Payment for crushed aggregate shall include furnishing and installing material as specified in the plans and specifications. Crushed aggregate shall be installed as a base material for the pavement repairs. Crushed aggregated may be used for a temporary riding surface and will be the surface of the street throughout the life of the project. Temporary riding surface will be removed prior to pavement repairs and moved to another location as directed by the engineer at no additional cost to the project. Payment shall be per ton from certified scales.

SELECT FILL MATERIAL

Payment for select fill material will be based on loose vehicular measurement. Haul vehicles shall be measured and volumes calculated. It shall be the discretion of ENGINEER as to the

overall percentage full of haul material and that determination shall be final. Item shall include material, haul, placement and testing necessary to meet the plans and specifications.

CONCRETE PAVEMENT REPAIR

Payment for concrete pavement repair shall include furnishing and installing concrete pavement as specified in the plans and specifications. Item shall include forming, material, haul, placement, finishing and testing necessary to meet the plans and specifications. Payment shall be per square yard.

HOT MIX ASPHALT

Payment for hot mix asphalt shall include furnishing and installing asphalt pavement as specified in the plans and specifications. Item shall include material, haul, placement compaction and testing necessary to meet the plans and specifications. Payment shall be per ton.

CONCRETE CURB AND GUTTER

Payment for concrete curb and gutter shall include removal, grading, forming, materials, placement, compaction and testing necessary to match existing curb and gutter. Item shall be paid per linear foot.

CLASS "B" CONCRETE, MINOR STRUCTURES

Payment for Class "B" Concrete, Minor Structures shall include grading, forming, materials, placement, compaction and testing necessary to complete the construction as defined in the plans and specification and in accordance with the Mississippi Standard Specifications for Road and Bridge Construction, 2017 edition. Item shall be paid per cubic yard.

REINFORCING STEEL

Payment for reinforcing steel shall include grading, forming, materials, tying, spacing and testing necessary to complete the construction as defined in the plans and specification and in accordance with the Mississippi Standard Specifications for Road and Bridge Construction, 2017 edition. Item shall be paid per pound.

INLET GRATINGS

Payment for inlet gratings shall include casting, materials, installation and testing necessary to complete the construction as defined in the plans and specification and in accordance with the Mississippi Standard Specifications for Road and Bridge Construction, 2017 edition. Item shall be paid per pound.

INLET CASTINGS

Payment for inlet castings shall include casting, materials, installation and testing necessary to complete the construction as defined in the plans and specification and in accordance with

the Mississippi Standard Specifications for Road and Bridge Construction, 2017 edition. Item shall be paid per pound.

DRAINAGE PIPE

Payment for all drainage pipe will be per linear foot for various diameter pipe and material type measured from end of pipe to end of pipe installed in relation to the diameter of the pipe.

REMOVAL OF EXISTING PIPE CROSS DRAINS

Payment for removal of existing pipe cross drains shall include removal of all pipe materials from project site. Item shall be as authorized by the engineer. Item shall be paid per linear foot.

REMOVAL OF EXISTING DRAINAGE PIPE

Payment for removal of existing drainage pipe shall include removal of all pipe materials, storing materials, and installation of materials in a new location (if required) as directed by the ENGINEER. Item shall be paid per linear foot.

STEEL U SECTION SIGN POST

Installation of the steel u section sign post shall be as indicated on the construction plans. The post shall meet the requirements set forth in the Mississippi Standard Specifications for Road and Bridges, current edition. The item shall include all labor, materials, and equipment necessary to complete the item. The item shall be paid per linear foot.

STANDARD ROADSIDE SIGNS

Installation of the standard roadside signs shall be as indicated on the construction plans. The standard roadside signs shall meet the requirements set forth in the Mississippi Standard Specifications for Road and Bridges, current edition. The item shall include all labor, materials, and equipment necessary to complete the item. The item shall be paid per square foot.

6" YELLOW THERMOPLASTIC DETAIL TRAFFIC STRIPE

Payment for 6" Yellow Thermoplastic Detail Stripe shall include materials, labor, and equipment for the installation of striping at locations directed by the ENGINEER and in accordance with the Mississippi Standard Specifications for Road and Bridge Construction, latest edition. Item shall be paid per linear foot.

LEGEND WHITE THERMOPLASTIC TRAFFIC MARKING

Payment for Legend White Thermoplastic Traffic Marking shall include materials, labor, and equipment for the installation of striping at locations directed by the ENGINEER and in accordance with the Mississippi Standard Specifications for Road and Bridge Construction,

latest edition. Item shall be paid per linear foot.

SOLID SOD

Payment for solid sod shall include furnishing and installing sod, fertilizer, lime and other components required to establish permanent grassing matching existing conditions. Solid Sod shall include final grading prior to installation of sod materials. The unit measurement shall be per square yard.

LANDSCAPE RESTORATION

Payment for Landscape Restoration shall include furnishing and installing of top soil, mulch, plants, fertilizer, watering, final grading and other components required to re-establish landscaping to matching existing conditions. The unit measurement shall be per square foot.

TEMPORARY EROSION CONTROL

Payment for Temporary Erosion Control shall include furnishing, installing and maintaining waddles, silt fence, or other measures as required by current Mississippi Department of Environmental Quality standards. Waddles and silt fence shall be installed and maintained to prevent erosion under or excess siltation within 24 hours of a rain event. The unit measurement shall be lump sum and includes any required maintenance.

MAINTENANCE OF TRAFFIC

Payment for maintenance of traffic will be lump sum. Item shall include all materials, labor and equipment to maintain traffic based on the current MUTCD or as required by the ENGINEER.

MOBILIZATION

Payment for mobilization shall enable contractor to assemble materials, equipment, etc. on site, to prepare for construction. The unit measurement shall be lump sum. Mobilization shall be paid 50 percent at 5 percent of construction complete and 100 percent at 25 percent of construction complete.

SANITARY SEWERAGE SYSTEMS

1.0 GENERAL

This item shall consist of furnishing all of the necessary materials, supervision, labor, tools, equipment and incidentals, and the installation of various types and sizes of sewer pipe and related items in accordance with the Contract Drawings and Specifications, as stated in the Proposal.

2.0 APPLICABLE PUBLICATIONS

The following publications form a part of this Specifications and where referred to by basic designation only, are applicable to the extent indicated. The latest editions of the publications referenced shall apply to the work.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

- A 139/139M Electric-Fusion (Arc) Welded Steel Pipe (HPS 4 inch and over).
- A 252 Welded and Seamless Steel Pipe Piles.
- C 31/C 31M Making and Curing Concrete Compressive and Flexural Strength Test Specimens in the Field.
- C 33 Specifications for Concrete Aggregate
- C 39/C 39M Compressive Strength of Cylindrical Concrete Specimens.
- D 1248 Polyethylene Plastics Extrusion Materials for Wire and Cable
- D 1784 Rigid Poly(Vinyl Chloride)(PVC) Compounds and Chlorinated Poly (Vinyl Chloride)(CPVC) Compounds.
- D 2412 Determination of External Loading Characteristics of Plastic Pipe by Parallel Plate Loading.
- D 2922 Density of Soil and Soil Aggregate in place by Nuclear Methods (Shallow Depths).
- D 3034 Specifications for Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings.
- D 3212 Joints for Drain and Sewer Plastic Pipes using Flexible Elastomeric Seals.
- F 477 Specifications for Elastomeric Seals (Gaskets) for Joining Plastic Pipe.

F 794 Poly (Vinyl Chloride)(PVC) Profile Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter.

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

A21.10 Ductile Iron Fittings, 3 inch through 48 inch for Water and other Liquids.

A21.11 Rubber Gasket Joints for Ductile Iron Pressure Pipe and Fittings.

A21.50 Ductile Iron Pipe, Design Requirements

A21.51 Ductile Iron Pipe, Centrifugally Cast in Metal Molds or Sand-lined Molds, for Water or other Liquids.

AMERICAN WATER WORKS ASSOCIATION (AWWA)

C 104 Cement-Mortar Lining for Ductile Iron Pipe and Fittings for Water and Other Liquids.

C 106 Cast Iron Pipe Centrifugally Cast in Metal Molds, for water and other Liquids.

C 110 Ductile Iron Fittings, 3 inch through 48 inch, for Water and Other Liquids.

C 111 Rubber Gasket Joints for Ductile Iron Pressure Pipe and Fittings.

C 151 Ductile Iron Pipe, Centrifugally Cast in Metal Molds or Sand-Lined Molds, for Water or other Liquids.

AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS (AASHTO)

T-88 Particle Size Analysis of Soils.

T-89 Determining the Liquid Limit of Soils.

T-90 Determining the Plastic Limit and Plasticity Index of Soils.

T-99 Moisture Density Relations of Soils Using a 5.5 lb. Rammer and 12 inch Drop.

T-191 Density of Soil In-Place by the Sand-Cone Method.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Standard Specifications for Road and Bridge Construction Current Edition.

3.0 SUBMITTALS

The following submittals shall be required for the respective materials used in the work. All submittals shall be submitted through the Contractor to the Engineer and bear on the submittal a certification from the Contractor the submittal is in conformance with the specifications.

3.1 Ductile Iron Pipe: The following submittals shall be required for ductile iron pipe systems utilized on the project. The Contractor shall furnish manufacturer's certificates certifying that the pipe and fittings conform to the requirements as specified hereinafter under Article 4.0, Materials. In addition, the submittals shall include the following:

A. Joints: The following shall be required for ductile iron joints.

1. Drawings or Manufacturer's Catalogue data indicating dimensions and tolerance.
2. Gaskets shall be tested in accordance with the respective standards as indicated in ANSI 21.11 and results shall be included in the submittals. Test shall be for similar materials on the gaskets and be not more than one year old.
3. Mechanical Joints: Should the Contractor elect to use mechanical joints in lieu of push-on joints, manufacturer's data shall be submitted in accordance with the "Special Requirements for the Mechanical Joint" as stated in ANSI 21.11 (AWWA C 111).

B. Ductile Iron Pipe Submittal Shall Include the Results of:

1. Tension Test
2. Impact Test
3. Low Temperature Impact Test

Sampling procedure shall be as indicated in ANSI 21.51.

3.2 PVC Pipe: The Contractor shall submit manufacturer's certificate which certifies the pipe and fittings conform to the requirements as specified hereinafter under Article 4.0, Materials. In addition, the Contractor shall submit the following:

A. PVC Piping: PVC Pipe shall be sampled, tested, and inspected in accordance with the provisions of ASTM D3034. Copies of test results shall be attached. Test results shall be similar material and not be more than one year old from the date of material delivery.

B. Joints: The following submittals shall be required for PVC joints.

1. Certificate with test results for joints for compliance to ASTM D 3212. Gaskets shall conform to ASTM F 477. Test results shall be for similar material and not be more than one year old.

4.0 MATERIALS

4.1 Gravity Sewer Pipe: Where the type of gravity sewer piping is not indicated on the plans, the Contractor shall furnish polyvinyl chloride (PVC) pipe.

The Contractor shall be restricted to furnishing the exact type of pipe material where indicated on the Contract Drawings.

The Contractor shall be limited to the use of only one type of pipe (so selected by the Contractor and indicated on the Proposal Form) and shall not change the type of gravity sewer pipe except as follows:

1. Where indicated on the plans, or
2. If permitted in writing by the Engineer.

A. **Ductile Iron Pipe:** Ductile iron shall be designed in accordance with the latest revision of ANSI/AWWA C150/A21.50 for a minimum 50psi.

Ductile Iron Pipe shall be manufactured in accordance with the latest revision of ANSI/AWWA C151/A21.51. Each pipe shall be subjected to a hydrostatic pressure test of at least 500 psi at the point of manufacture.

Pipe shall be standard asphaltic coating on the exterior. Pipe shall also have 40 mils of Protecto 401 Ceramic Epoxy on the interior per "Standard Specification for Lining Ductile Iron Pipe for Sewer Service".

The class or nominal thickness, net weight without lining, and casting period shall be clearly marked on each length of pipe. Additionally, the manufacturer's mark, country where cast, year in which the pipe was produced, and the letters "DI" or "Ductile" shall be cast or stamped on the pipe.

All pipe shall be furnished with Push-On Type Joints, such as Tyton or Fastite. Joints shall be in accordance with ANSI/AWWA C111/A21.11, of latest revision, and be furnished complete with all necessary accessories.

Fittings shall be ductile iron. Fittings shall conform to the latest revision of either ANSI/AWWA C600.

B. **PVC Pipe :** PVC gravity sewer pipe and fittings shall conform to the requirements of ASTM D 3034 with an SDR of 26 and a minimum stiffness of 46 lb./in. - in and 115 lb./in. - in, respectively. Joints for sewer pipe shall be either push-up or mechanical conforming to the requirements of ASTM 3212. Gaskets for sewer pipe shall conform to the requirements of ASTM F 477.

Approved adaptors shall be used for making connections between PVC pipe and

concrete manholes. Pipe connections to new manholes shall be made using a flexible synthetic rubber boot mechanically clamped to the manhole and to the pipe to provide a watertight seal.

C. Service Laterals: Service laterals for local services shall consist of fittings, pipe lengths, and connections of 6 inch or 4 inch pipe. The fittings, pipe lengths and plugs shall be of the same material as the run pipe unless otherwise indicated on the Contract Drawings. The modified sewer tees shall be an integral part of the run pipe. The remainder of the branch shall consist of standard fittings (elbows, reducers, and lengths of pipe) in accordance with the manufacturer's standard products and as specified. Pipe lengths and joint connections shall meet the specified requirements for the type materials used.

4.2 Casing Pipe: Steel pipe utilized as casing at locations shown on the Contract Drawings shall be new round piling pipe conforming to the requirements of ASTM A 252 or A 139. Casing diameter shall be adequate to allow pushing of the specified diameter of sewer pipe or force main and make proper connections at the ends. Minimum Wall Thickness for steel casing is 0.25 inch. (Hwy) and 0.28 inch (RR). Contractor shall verify the I.D. of the casing pipe is adequate for the carrier pipe prior to installation.

4.3 Wash Gravel Bedding Material: Select Granular material for pipe bedding shall be coarse concrete aggregate. The coarse concrete aggregate shall conform to the gradation sizing Number 467 specified in Table 2 of ASTM Standard Specification C-33. (See Following Table:)

SIZE NO. 467

<u>Nominal Size</u> <u>(Sieves w/Square Openings)</u>	<u>Percent Passing by Weight</u>
2"	100
1 - ½"	95 - 100
¾"	35 - 70
⅜"	10 - 30
No. 4	0 - 5

4.4 Stabilization Material: Stabilization Material shall be a pit run mixture of sand and gravel. The sand shall be hard, sharp and durable particles. All gravel shall pass a 1 - ½" sieve.

4.5 Clay Gravel Material: Clay Gravel Material shall meet MDOT Specifications, Group

4.6 Concrete: Concrete shall be in accordance with the requirements of Technical Specifications - CONCRETE

4.7 Select Fill Material: General : The select material shall be composed of a natural or artificial mixture of sand, silt, clay or soil binder or other material of satisfactory cementing value. The sand shall be hard, sharp, and durable particles, preferably siliceous. The binder shall be a grade of clay or other material having satisfactory cementing qualities and shall be homogenous in

character, free from vegetable matter, clay balls or other deleterious substances that cannot be classed as serviceable base material. Material shall meet the Standard Specifications for Road and Bridge Construction, Latest Edition for Class 9 Group C and modified to consist of a P.I of between 5 and 15.

4.8 Backfill: All other backfill shall consist of excavated material removed from the trench unless otherwise directed by the Engineer. CONTRACTOR shall separate poor and acceptable material during excavation. Failure to separate material shall require CONTRACTOR to furnish acceptable backfill at no additional cost to the project. Unacceptable material shall be disposed of off-site at the Contractor's expense.

5.0 CONSTRUCTION:

5.1 Earthwork:

A. Site Preparation: Topsoil shall be stripped and stockpiled in accordance with Technical Specifications - Restoration of Roads, Driveways, Fences, Lawns, and other Grassed Areas.

All vegetation such as brush, heavy sod, heavy growth of grass, decayed vegetative matter, rubbish and any other unsuitable material within the area of trenching shall be stripped or otherwise removed before the trenching is started, and in no case shall such objectionable material be allowed in the trench.

Stripping operation shall be to a depth of not less than 6 inches in all cases.

Where possible, Contractor shall remove turf in sections, keep damp, and replace upon completion of backfilling.

B. Asphalt or Concrete Removal: Before trenching operations begin, the existing asphalt or concrete pavement shall be scored or cut to a proper depth to give a straight vertical edge when removed. The asphalt or concrete shall be disposed of offsite by the Contractor at his expense. While removing the asphalt or concrete in the trench line, never shall the adjacent asphalt be raised or pulled from its base.

C. Trenching: The Contractor shall determine all requirements for trench dimensions, alignment, and grades. The trench shall be excavated in conformance with all federal, state and local regulations for the protection of the workmen. Shoring, sheeting and/or a moveable form shall be used as required to provide earth stability during the laying operations.

The final excavation of the trench for the pipe installation shall be as indicated on the Plans. Minor variations in horizontal (within the permanent easement) or vertical alignment during construction shall be made during construction (with the Engineer's approval) to facilitate ease of installation and operation (due to potential conflicts; i.e., utility conflict) at no additional cost to the Owner except for additional piping, if any. The trench from the top of the pipe down to the bottom of the bedding shall be of a consistent width as indicated on the plans. Should

the excavated width of the trench be larger than the design width, the Engineer may direct that a higher type or class of bedding be used; or other adjustments be made to increase the load carrying capacity of the pipe. In the event trench width is wider than allowed on the plans, Contractor shall absorb the cost of additional wash gravel bedding based on neat line quantity calculations.

The Contractor shall not excavate more trench in advance of pipe laying than is necessary to perform the work efficiently. No more than 100 feet of open trench shall be allowed unless approved by the Engineer.

Excavated material shall be placed in a manner that will not obstruct sidewalks, driveways, or other structures. Excavated material shall not be placed so as to surcharge the walls and jeopardize trench stability.

If adequate area is not available on the construction site, the Contractor will be required to stockpile material off site. Owner shall not bear any additional expense.

Ledge Rock, boulders and large stones shall be removed to provide a minimum clearance of 4 inches (10 cm) below and on each side of all pipes.

It is the intention of these specification that there shall be a minimum interruption to traffic and all traffic control shall be in accordance with the MUTCD.

D. Disposal: The Contractor shall satisfactorily dispose of all excess earth from excavations either in approved (by the Engineer) areas within the construction limits or away from the project in disposal sites obtained by the Contractor.

The Contractor will be permitted to mound excess earth over the trench to a maximum depth of 12 inches above the original ground surface or finished grade where the trench is located in unimproved property. Wasting of excess excavated material will not be permitted within any road ROW. All material within the construction limits shall be placed so that natural drainage is maintained and the surface shall be graded to a smooth and uniform appearance. The disposal of waste and excess excavating materials, including hauling, handling, grading, and surfacing shall be subsidiary obligation of the contractor and no separate payment will be made. Therefore, the cost of such work shall be included in the Contract Unit Price for installation of sewer pipe.

E. Dewatering: The site shall be kept free of surface water at all times. The Contractor shall install drainage ditches and dikes and shall perform all pumping and other work necessary to divert or remove rainfall and other accumulations of surface water from the excavations. The diversion and removal of surface water shall be performed in a manner that will prevent the accumulation of water behind temporary structures or at any other locations within the construction area where it may be detrimental. The Contractor shall provide, install, and operate sufficient trenches, sumps, pumps, hoses, piping, well points, deep wells, etc., necessary to depress and maintain the ground water level at least one foot below the base of the excavation during all stages of construction operations. The ground water table shall be lowered in advance of excavation and maintained a minimum of one foot below the lowest excavation subgrade

made until the structure has sufficient strength and weight to withstand horizontal and vertical soil and water pressures.

Where groundwater is encountered, the Contractor shall make the effort necessary to secure a dry trench bottom before laying pipe. In sandy and in other suitable type soils, dewatering shall be done by well pointing. If, in the opinion of the Engineer, the Contractor has failed to obtain an absolutely dry trench bottom by insufficient use of all known methods of trench dewatering, the Engineer may order the Contractor to excavate below grade and place not less than 6 inches of graded crushed stone fill material over the trench bottom to form trench drains to suitably located sumps and to remove the water by bailing or pumping. The graded crushed stone fill material shall be placed at the Contractor's own expense and shall be of such depth that there shall be not water in bell holes at the time of coupling pipe. All costs of equipment, labor, and materials required for dewatering shall be included in the pipe laying operation.

F. Bedding: The Contractor shall satisfactorily shape the trench area (to specified line, grade and cross section) to receive bedding material. The bottom of the trench shall be undisturbed soil. Should the Contractor over excavate the trench without direction from the Engineer, the trench shall be brought up to grade with wash gravel bedding and compacted to at least 90% of maximum laboratory density as measured by AASHTO T 99. Such additional work and materials for over excavation, without direction of the Engineer, shall be at the expense of the Contractor.

Holes for the bells shall be provided at each joint in the subgrade or in the granular fill bedding material as required. The holes shall be no larger than necessary for joint assembly and assurance that the pipe barrel will lie flat on the material. The Contractor shall install the proper bedding for the respective type of pipe and depth of installation as shown in the details and schedules on the plans. When depths vary in a particular manhole run, the Contractor shall change bedding systems in accordance with the depth installation requirements.

1. Stabilization Materials: When the subgrade is found to be unstable or to include ashes, refuse, organic material, or other unsuitable material, the Engineer may direct that the subgrade be over excavated to remove such material. The depths of over excavation shall be as directed by the Engineer. Stabilization material shall be placed into the over excavated area of the trench and shall be paid for in accordance with these specifications. Stabilization shall be compacted to at least 90% of maximum laboratory density in six inch lifts.

2. Bedding Materials: As detailed in the plans, bedding material shall be placed to the specified depth below the pipe and tamped to a minimum of 90% of maximum laboratory density as determined in accordance with AASHTO T 99. Following placement of pipe, additional bedding material shall be placed and consolidated under the haunches of the pipe. Special tools shall be required to work the material into place and leave no voids beneath the pipe. The bedding material shall be tamped along the spring line (or along the top of the bedding material as indicated) of the pipe to sufficiently compact the material insofar as practical.

The Engineer may direct additional moisture be added to the bedding material to aid in

the compaction effort. Mechanical tampers may be employed to aid the process. Depending on the particular bedding required, additional bedding shall be added and tamped to a minimum of 90% of maximum laboratory density, with AASHTO T-99.

3. Select Backfill: Select backfill shall be placed in 6 inch lifts and tamped to a minimum laboratory density with AASHTO T-99. Overall depth of the select backfill shall be as directed by the Engineer.

4. Normal Condition Bedding: Under normal conditions the trench bottom shall be undisturbed earth shaped to the specified line, grade, and cross section with proper bell holes at each joint to ensure that pipe barrel lies flat on trench bottom. The bedding material will be selected native materials excavated from the trench and placed in two lifts. The first lift being placed up to the spring line of the pipe and extending out to the trench walls and hand tamped to a minimum of 90% of maximum laboratory density. Special care shall be used in placing and tamping bedding to insure no voids under the haunches of the pipe. The second lift shall extend to approximately 6" above pipe (Material permitting) and hand tamped to 90% density.

5. Backfilling: Upon completion of placement of select material the excavated materials shall be immediately placed back into the trench. Specific requirements are:

- a Backfill requirements for road crossings, parking lots, driveways, and sidewalks shall be in accordance with Technical Specifications - RESTORATION OF ROADS, DRIVEWAYS, FENCES, LAWNS, AND OTHER GRASSED AREAS.
- b. Backfill requirements for unimproved areas (pastures, wooded areas) shall consist of placement and shaping of the soil in such a manner as to allow maximum natural consolidation. No compaction of the general backfill in the unimproved areas will be required, except that caused by conventional shaping equipment.
- c. No debris shall be used as backfill which has a volume in excess of one-half of one cubic foot or a weight excess of 75 pounds.

6. Sheeting Removal: Wooden sheeting or other thick sheeting or shoring members which have been driven or otherwise placed along the trench walls to an elevation below the spring line of the pipe shall be cut off at the spring line or higher and left in place.

7. Grading and Grassing: Final grading and grassing shall be in accordance with Technical Specifications - RESTORATION OF ROADS, DRIVEWAYS, FENCES, LAWNS, AND OTHER GRASSED AREAS.

5.2 PIPE HANDLING AND STORAGE: Pipe shall be handled, staked, and stored in accordance with manufacturer's printed literature. The Contractor shall provide security as required to prevent damage by vandals. PVC pipe shall be shaded from sunlight for extended lengths of time. Pipe damaged during storage and handling shall be rejected.

5.3 PIPE LAYING: Pipe laying shall proceed upgrade with the spigot ends of the bell-and-spigot pipe and tongue ends of the tongue and groove pipe jointing in the direction of flow. Each pipe shall be laid true to line and grade and in such a manner as to form a close concentric joint with the adjoining pipe and to prevent sudden offsets of the flow line. As the work progresses, the interior of the sewer shall be cleared of all dirt and superfluous materials of every description. Where cleaning after laying is difficult because of small pipe size, a suitable swab or drag shall be kept in the pipe and pulled forward past each joint immediately after the jointing has been completed. Trenches shall be kept free of water and pipe shall not be laid when the condition of the trench or the weather is unsuitable for such work. At times when work is not in progress, open ends of pipe and fittings shall be securely and satisfactorily closed so that no trench water, earth, or other substance will enter the pipe or fittings.

Pipe laying shall be performed in such a manner that no foreign material enters the pipe. The Engineer may require that before lowering pipe, heavy canvas bags be placed over each end, and left in place until joints are ready to be made. If water is in the trench, the seals shall remain in place until the trench is pumped completely dry. If conditions are unsuitable, no pipe shall be laid until satisfactory laying conditions are obtained in accordance with the above specified requirements.

The Contractor shall utilize a commercial grade laser beam specifically manufactured to aid in maintaining grade and alignment of pipelines during installation. The primary unit shall be mounted on a heavy duty base and firmly anchored in the downstream manhole of the reach under construction. The maximum distance shall not exceed four hundred feet (400') per set-up without the approval of the Engineer.

Each joint of pipe shall be installed using an approved target to align the pipe with the projected laser beam. The methods and procedures shall be in strict accordance with the manufacturer's recommendations and instructions. Proper ventilation shall be maintained at all times. Care shall be exercised in order to prevent bumping or misalignment of the projected beam. Sewer lines shall be laid such that the installed variation of invert elevations when compared with the construction plans does not exceed 0.05 feet. Sewer lines in which said variation exceeds 0.05 feet may be rejected. Sewer pipe shall be visually inspected for alignment by lamping, televising or by other appropriate means to determine alignment.

Whenever a movable steel box is used in place of sheeting, the Contractor shall take care to prevent the pipe from moving when the steel box is moved.

5.4 PIPE JOINTING: Piping shall be jointed in accordance with the manufacturer's printed recommendations. Gaskets shall be firmly set within the bells and grooves as required. The manufacturer's recommended lubricant or an approved equal shall be applied for slip type joints.

A. PVC Pipe Joint Construction: The bell and spigot ends of PVC sewer pipe shall be cleaned of all foreign material that could interfere with proper assembly of the joints. The spigot

ends shall be cleaned one inch (1") beyond the joint assembly reference mark.

The spigot end of the pipe shall be thoroughly lubricated in accordance with the manufacturer's recommendations. The coating should be the equivalent of a brush coat of enamel paint and maybe applied by hand, cloth, pad sponge or glove.

The lubricated spigot end shall be inserted into the bell keeping the pipe length in proper alignment. The bell shall be braced while the spigot end is pushed in under the rubber ring, so that previously competed joints in the line will not be closed up. The spigot end shall be pushed into the bell until the reference mark is flush with the end of the bell. Pipe shall be pushed by use of a bar or other means approved by the Engineer. Hydraulic excavators, backhoes, or other machinery shall not be used to push slip-joint pipe together.

Generally, the installation and jointing of PVC Pipe shall conform to the requirement so the latest edition of ASTM D-2321, "Underground Installation of Flexible Thermoplastic Sewer Pipe".

Any pipe cuts shall be of neat line. Pipe shall have bevel edges according to the manufacturer's recommendations.

B. Ductile Iron Pipe Joint Construction: The installation and jointing of ductile iron pipe and shall generally conform to the applicable provisions of AWWA Standard Specifications C-600 for pipe laying.

Where mechanical joint pipe is used, the surfaces which come in contact with the gasket shall be thoroughly brushed with a wire brush just prior to assembly. The gasket should be brushed with soapy water prior to installation to remove loose dirt and to lubricate gasket as it is forced into its retaining space.

When tightening bolts, it is essential that the gland be brought up toward the pipe flange evenly. The bolts should be partially tightened; the bottom bolt first; then the top; next the bolts on either side; and last , the remaining bolts. Overstressing of bolts to compensate for poor installation will not be permitted. Bolt torque shall be in accordance with manufacturer's specifications.

All joints of whatever type shall be completely water tight after being subjected to the required tests.

C. Jointing Dissimilar Pipes: Suitable adaptor couplings are required for connecting dissimilar pipes. The couplings shall be approved by the Engineer before installation.

5.5 STREAM CROSSING: Ductile iron pipe Class 50 shall be used as shown on the Drawings. Granular fill, concrete, and concrete collars shall be placed or constructed as shown on the contract drawings.

5.6 SERVICE LATERALS (LINES): Modified sewer tees shall be installed on the run pipe at the appropriate field locations. Service lines of the sizes specified shall be laid to a uniform grade so that the customer being served can be tied-in using good construction practices. All tamping and backfilling operations shall be performed the same as on main line pipe. Removable plugs shall be securely installed in pipe ends and a 2" x 2" treated post extending 12" above the ground line shall mark the pipe end location if the lateral is not connected to an existing sewer. For service laterals in which a connection to an existing service is required, the Contractor shall make the connection. Contractor shall verify the location of all service laterals within the project area prior to construction.

5.7 BORINGS: Borings shall be accomplished in accordance with Mississippi Standard Specifications for Road and Bridge Construction or Railway Standards. The contractor shall provide all necessary sheeting, bracing, cribbing, supports and appurtenances to insure the proper line and grade throughout the entire length of the crossing.

A. Casing Pipe: Casing Pipe shall be installed as indicated on the Contract Drawings. Joints shall be completely welded to provide structural integrity and shall be water tight.

B. Carrier Pipe: Carrier pipe may be any of the allowed options of piping. However, the piping and joints shall be capable of withstanding the stress exerted by pushing the pipe within the casing.

C. Carrier Pipe Supports: Supports for the carrier pipe shall be as recommended by the manufacturer for such installation. Supports shall be spaced to adequately support the piping under surcharged sewage conditions.

D. Casing Seal: The annulus between the casing and carrier pipe shall be sealed at each end with a quick setting grout.

5.8 RELATION TO WATER MAINS:

A. Horizontal Separation: Whenever possible, sewers should be laid at least 10 feet, horizontally, from any existing or proposed water main. Should local conditions prevent a lateral separation of 10 feet, a sewer may be laid closer than 10 feet to a water main if:

1. It is laid in a separate trench.
2. It is laid in the same trench with the water mains located at one side on a bench of undisturbed earth.
3. In either case the elevation of the crown of the sewer is at least 18 inches below the bottom of the water main.

B. Vertical Separation: Whenever sewers must cross under water mains, the sewer shall be

laid at such an elevation that the top of the sewer is at least 18 inches below the bottom of the water main. When the elevation of the sewer cannot be buried to meet the above requirement, the water main shall be relocated to provide this separation or reconstructed with slip-on or mechanical-joint ductile iron pipe, or prestressed concrete cylinder pipe for a distance of 10 feet on each side of the sewer. One full length of water main should be centered over the sewer so that both joints will be as far from the sewer as possible.

C. Special Conditions: When it is impossible to obtain proper horizontal and vertical separation as stipulated above, the water main should be constructed of slip-on or mechanical-joint ductile iron pipe, or prestressed concrete cylinder pipe and the sewer constructed of mechanical-joint ductile iron pipe and both services should be pressure tested to assure water tightness.

5.9 CONTINUATION OF SERVICE

The existing wastewater system shall remain in operation during the duration of the project until such time it is no longer needed. Should removal of facilities from operation become necessary, a plan which will avoid or minimize pollution effects on any receiving stream and provide alternate service for wastewater facilities shall be reviewed and approved in advance by the Mississippi Department of Environmental Quality and shall be adhered to during construction.

Where shown on the plans or directed by the Engineer, new sewers shall be connected to existing sewers either by constructing a manhole over an existing line (doghouse) or by coring through the wall of an existing manhole.

6.0 TESTING

6.1 Ductile Iron Pipe:

A. Field Inspection: The Engineer shall perform visual inspection of the material prior to placement by the Contractor. The Engineer may make non-destructive tests to determine the soundness of the pipe. The Contractor shall assist the Engineer in handling and moving the pipe as required.

B. Material Test: Material test shall be conducted during the manufacturing process and the results shall be included as part of the submittals. No other material test shall be required.

6.2 PVC PIPING: Material test shall be conducted during the manufacturing process and the results shall be included as part of the submittal. No other material test shall be required.

6.3 STEEL CASING PIPE: Material test shall be included as part the submittal. No other material test shall be required.

6.4 BEDDING MATERIAL AND STABILIZATION MATERIAL: Test for gradation and

test for material passing the No. 40 sieve shall be as follows:

Gradation	- AASHTO T 88
Liquid Limit	- AASHTO T 89
Plasticity Index	- AASHTO T 90

One set of each test listed above will be required for every 500 cubic yards or major fraction thereof.

6.5 COMPACTION TESTS: Compaction tests shall be performed in accordance with AASHTO T191 and ASTM D 2922. Maximum compaction shall be determined in accordance with AASHTO T99.

CONTRACTOR shall establish a compaction method or pattern which results in the proper density for the material utilized in the backfill operation. CONTRACTOR shall verify the compaction method by testing each lift for density in the first run of pipe to be laid. Upon satisfactory performance and approval of the ENGINEER the established compaction method shall be used for compaction of each lift of similar material.

The CONTRACTOR shall provide additional density testing to verify the compaction effort; twice in random locations as selected by the ENGINEER every 1,500 linear feet of pipe, if there is a change in material, or if in the sole opinion of the ENGINEER the compaction effort is not yielding the proper results.

(Number of Compaction Tests)

AASHTO T-99	
AASHTO T-191	or
ASTM D 2922	
Select Backfill Material OR	
Stabilization Material	1
One per 100 CY	
Bedding Material	2
One per 600 LF	
Tamped Backfill	2
One per 600 LF	

6.6 INFILTRATION/EXFILTRATION/LAMP TEST: The Contractor shall provide all plugs, water supply, measuring devices, and all other equipment, material, labor and supervision to measure the infiltration and exfiltration tests as specified below. The Contractor shall perform the test in the presence of the Engineer. All gravity sewer pipe shall be tested in

accordance with the following applicable requirements.

A. Infiltration Test: The infiltration test shall be conducted between adjacent manholes. The outlet pipe on the downstream manhole shall be plugged and tested for water tightness to the satisfaction of the Engineer. The accumulated depth of water in the downstream manhole shall be read at 12 hour intervals for two (2) days and the infiltration rate calculated from the data obtained. Any section exceeding an infiltration rate of 200 gallons/day/inch diameter/mile shall be relayed at the Contractor's expense. This means that the Contractor shall locate and repair leaks as necessary to pass the infiltration test. Infiltration test shall be utilized only when ground water is above pipe.

B. Low Pressure Air Test: Air test shall be conducted in strict accordance with the manufacturer's instructions, including all recommended safety precautions. Equipment used for air testing shall be specifically designed for such and include a monitoring gauge with 0 to 5 psi with a minimum division of 0.1 psi and an accuracy of no less than 0.05 psi

1. Air testing shall be conducted for completed gravity sewer mains
2. After an internal pressure of 4.0 psi is obtained, allow at least 2 minutes for pressure to stabilize, adding only the amount of air necessary to maintain pressure. After stabilization period, adjust the pressure to 3.5 psi and valve off air supply.
3. Determine the minimum pressure holding time allowed for pressure to drop from 3.5 psi to 3.0 psi as shown on the table below.

Minimum Holding Time for Low Pressure Air Test

Nominal Pipe Size (inches)	Time per 100 ft.
6	42 sec.
8	1 min. - 12 sec.
10	1 min. - 30 sec.
12	1 min. - 48 sec.
15	2 min. - 6 sec.
18	2 min. - 24 sec.
21	3 min.
24	3 min. - 36 sec.
27	4 min. - 12 sec.
30	4 min. - 48 sec.
33	5 min. - 24 sec.
36	6 min.

C. Visual Test: Gravity sewer lines will be lamped and shall show a true line between manholes without defects in conditions, grade, or alignment. Any defective lines shall be subject to a closed-circuit television inspection performed at the Contractor's expense.

6.7 DEFLECTION TESTS: 100% of the PVC gravity sewer mains shall be tested 30 days after the final backfill has been in place by the following method:

Use a "Go-, no-go" mandrel which is sized to such dimensions that it will not "go" when encountering a deflection greater than 5%. The instructions for its use are as follows:

A. Completely flush the line making sure the pipe is clean of any mud or debris that would hinder the passage of the mandrel.

B. During the final flushing of the line, attach a floating block or ball to the end of the mandrel, pull rope and float the rope through the line. (A nylon ski rope is recommended)

C. After the rope is threaded through the line, connect the pull rope to the mandrel and place the mandrel in the entrance of the pipe.

D. Connect a retrieval rope to the back of the mandrel to pull it back if necessary.

E. By hand, remove all the slack in the pull rope and place a tape marker on the top at the end of the pipe where the mandrel will exit, determining the location of the mandrel in the line.

F. By hand, draw mandrel through the sewer lines. If any irregularities or obstructions are encountered in the line, they shall be corrected by the Contractor.

G. If a section with excessive deflection is found, locate it; dig down and uncover the pipe; if any damaged pipe is found, replace it; if pipe is not damaged, realign and thoroughly tamp haunching and initial backfill; replace remainder of backfill.

H. Re-test this section for deflection after 30 days from initial testing.

STANDARD SPECIFICATION
FOR LINING DUCTILE IRON PIPE
FOR SEWER SERVICE

1.0 Condition of Ductile Iron Prior to Surface Preparation

All ductile pipe and fittings shall be delivered to the application facility without asphalt, cement lining, or any other lining on the interior surface. Because removal of old linings may not be possible, the intent of this specification is that the entire interior of the ductile iron pipe and fittings shall not have been lined with any substance prior to the application of the specified lining material and no coating shall have been applied to the first six inches of the exterior of the spigot ends.

2.0 Lining Material

The Standard of Quality is Protecto 401 Ceramic Epoxy. The material shall be an amine cured novalac epoxy containing at least 20% by volume of ceramic quartz pigment. Any request for substitution must be accompanied by a successful history of lining pipe and fittings for sewer service, a test report verifying the following properties, and a certification of the test results.

A permeability rating of 0.00 when tested according to Method A of ASTM E-96-66, Procedure A with a test duration of 30 days.

The following test must be run on coupons from factory lined ductile iron pipe:

ASTM B-117 Salt Spray (scribed panel) - Results to equal 0.0 undercutting after two years.

ASTM G-95 Cathodic Disbondment 1.5 volts @ 77°F. Results to equal no more than 0.5mm undercutting after 30 days.

Immersion Testing rated using ASTM D-714-87.

20% Sulfuric Acid - No effect after two years.

140°F 25% Sodium Hydroxide - No effect after two years.

160°F Distilled Water - No effect after two years.

120°F Tap Water (scribed panel) - 0.0 undercutting after two years with no effect.

An abrasion resistance of no more than 3 mils (.075mm) loss after one million cycles using European Standard EN 598: 1994 Section 7.8 Abrasion Resistance.

3.0 Application

Applicator

The lining shall be applied by a certified firm with a successful history of applying linings to the interior of ductile iron pipe and fittings.

Surface Preparation

Prior to abrasive blasting, the entire area to receive the protective compound shall be inspected for oil, grease, etc. Any areas with oil, grease, or any substance which can be removed by solvent, shall be solvent cleaned to remove those substances. After the surface has been made free of grease, oil or other substances, all areas to receive the protective compounds shall be abrasive blasted using sand or grit abrasive media. The entire surface to be lined shall be struck with the blast media so that all rust, loose oxides, etc., are removed from the surface. Only slight stains and tightly adhering oxide may be left on the surface. Any area where rust reappears before lining must be reblasted.

Lining

After the surface preparation and within 8 hours of surface preparation, the interior of the pipe shall receive 40 mils nominal dry film thickness of Protecto 401. No lining shall take place when the substrate or ambient temperature is below 40 degrees Fahrenheit. The surface also must be dry and dust free. If flange pipe or fittings are included in the project, the lining shall not be used on the face of the flange.

Coating of Bell Sockets and Spigot Ends

Due to the tolerances involved, the gasket area and spigot end up to 6 inches back from the end of the spigot end must be coated with 6 mils nominal, 10 mils maximum using Protecto Joint Compound. The Joint Compound shall be applied by brush to ensure coverage. Care should be taken that the Joint Compound is smooth without excess buildup in the gasket seat or on the spigot ends. Coating of the gasket seat and spigot ends shall be done after the application of the lining.

Number of Coats

The number of coats of lining material applied shall be as recommended by the lining manufacturer. However, in no case shall this material be applied above the dry thickness per coat recommended by the lining manufacturer in printed literature. The maximum or minimum time between coats shall be that time recommended by the lining material manufacturer. **To prevent delamination between coats, no material shall be used for lining which is not indefinitely recoatable with itself without roughening of the surface.**

Touch-Up & Repair

Protecto Joint Compound shall be used for touch-up or repair in accordance with manufacturer's recommendations.

4.0 **Inspection and certification**

Inspection

All ductile iron pipe and fitting linings shall be checked for thickness using a magnetic film thickness gauge. The thickness testing shall be done using the method outlined in SSPC-PA-2 Film Thickness Rating.

The interior lining of all pipe barrels and fittings shall be tested for pinholes with a nondestructive 2,500 volt test. Any pinholes found shall be repaired prior to shipment.

Each pipe joint and fitting shall be marked with the date of application of the lining system along with its numerical sequence of application on that date and records maintained by the applicator of his work.

Certification

The pipe or fitting manufacturer must supply a certificate attesting to the fact that the applicator met the requirements of this specification, and that the material used was as specified.

5.0 **Handling**

Protecto 401 lined pipe and fittings must be handled only from the outside of the pipe and fittings. No forks, chains, straps, hooks, etc. shall be placed inside the pipe and fittings for lifting, positioning, or laying. The pipe shall not be dropped or unloaded by rolling. Care should be taken not to let the pipe strike sharp objects while swinging or being off loaded. Ductile iron pipe should never be placed on grade by use of hydraulic pressure from an excavator bucket or by banging with heavy hammers.

MANHOLES

1.0 GENERAL:

This item shall consist of furnishing all materials, labor, supervision, tools, equipment and incidentals for the construction of standard manholes, in accordance with the Contract Drawings and Specifications. Included in the work are structural excavation, backfill, and disposal of excess material.

2.0 APPLICABLE DOCUMENTS:

The following publications form a part of this specification and where referred to by basic designation only, are applicable to the extent indicated. The latest editions of the publications referenced shall apply to the work.

American Society for Testing and Materials (ASTM)

A 48/A48M	Standard Specification for Gray Iron Casting
C 39/C39M	Standard Specification for Test for Compressive Strength of Cylindrical Concrete Specimens
C 443	Standard Specification for Joints for Circular Concrete Pipe and Manholes Using Rubber Gaskets
C 478	Standard Specification for Precast Reinforced Concrete Manhole Sections
C 497	Standard Test Methods for Concrete Pipe, Manhole Sections, or Tile
C 2922	Density of Soil and Soil Aggregate in Place by the Nuclear Method (Shallow Depths)

American Association of State Highway and Transportation Officials (AASHTO):

M-198	Standard Specifications for Joints for Concrete Pipe, Manholes, and Precast Box Sections Using Preformed Flexible Joint Sealants.
T-99	Standard Method of Test for the Moisture-Density Relations of Soils Using a (2.5kg) Rammer and (305 mm) Drop.
T-191	Standard Method of Test for Density of Soil In-Place by the Sand-Cone Method.

3.0 SUBMITTALS

The following tests or data shall be submitted to the Engineer from the Contractor for approval prior to incorporation into the work:

3.1 Certificates: The Contractor shall furnish certificates from supplier certifying the products conform to the required specifications included herein for the following items:

- 3.1.1. Flexible Plastic Gaskets
- 3.1.2. Precast Manhole Bases
- 3.1.3. Precast Manhole Riser Sections
- 3.1.4. Manhole Steps
- 3.1.5. Manhole Frames and Covers (ASTM A 48)
- 3.1.6. Epoxy Grout

3.2 Catalogue Cuts or Brochures: The Contractor shall also submit catalogue cuts or product brochures providing descriptive data, recommended application and use, and installation procedure for the following items:

- 3.2.1. Manhole Frames and Covers
- 3.2.2. Epoxy Grouts
- 3.2.3. Manhole Steps

4.0 MATERIALS

4.1 Manhole Riser Sections: Manhole riser sections shall be precast reinforced sections conforming to ASTM C 478 and as shown on the Contract Drawings.

4.2 Joints: Joints for precast riser sections shall be concrete pipe type flexible plastic gaskets. Joint material shall be pre-formed conforming the requirements of AASHTO M-198. Installation shall be in accordance with manufacturer's recommendations.

4.3 Concrete Manhole Bases: Concrete manhole bases shall be precast or cast-in-place as follows:

4.3.1 Cast-In-Place Manhole Bases and Box Type Bases (if used): Concrete and reinforcing steel shall conform to the requirements of Technical Specifications - CONCRETE.

4.3.2 Precast Concrete Bases: Precast concrete bases shall conform to the requirements of ASTM 478 with reinforcing steel (size and spacing as indicated on the plans).

4.4 Manhole Steps: Manhole steps shall be plastic coated corrosion resistant with a minimum

design load of 300 pounds and shall be installed as shown on the Contract Drawings.

4.5 Cement Grout: Cement grout shall be high strength, non-metallic conforming to Corps of Engineers CRD-C-588. The grout shall be V-3 by W. R. Meadows, Inc., Masterflow 713 by Master Builders or equal.

4.6 Manhole Frame and Covers: Manhole frame and covers shall conform to ASTM A 48 as well as to the following requirements. All frame and covers shall be new when installed for the project and shall meet AASHTO H-20 loading condition.

4.6.1 Standard Manhole Cover and Frame - shall be as manufactured by Dews Foundry, Jackson Standard, Model DF-25 (7) or Vulcan Foundry, Model V-1115, 420 Pounds, marked "CITY OF HATTIESBURG SEWER", domestic origin, or equal.

4.6.2 Water Tight Manhole Cover and Frame - shall be as manufactured by Vulcan Foundry, Model V2357, or Dews Foundry, Model DF-25(7)W.T., 410 pounds with neoprene gasket, four 5/8 inch stainless steel bolts recessed into cover. Cover labeled "CITY OF HATTIESBURG SEWER", domestic origin, or approved equal.

4.7 Epoxy Grout: Epoxy Grout shall be high strength non-metallic, non-shrinking. The grout shall be as by EMBECO, Inc., SEAL-COAT or approved equal.

4.8 Drop Manholes: Concrete for drop manholes shall conform to the requirements of Technical Specifications - CONCRETE. Pipe and fittings shall be the same material and size as the incoming gravity sewer.

4.9 Flexible Connection: At all sewer connections to manholes, provide gasket flexible watertight connection that allows for differential settlement of the pipe and manhole wall. Bands, clamps and other metal accessories shall be of Series 304 stainless steel.

4.10 All manholes: All manholes shall be lined inside with a twenty (20) mil dry film thickness of an acceptable coal tar epoxy system.

5.0 CONSTRUCTION

5.1 Earthwork

5.1.1 General: Excavation shall be to the extent required to allow proper construction of the manhole. Shoring and sheeting shall be utilized where required by Federal, State and local codes and regulations for safe working conditions. In addition, shoring and sheeting shall be required to protect the integrity of adjacent structures or prevent adverse effects on surrounding areas. Dewatering shall be employed to the extent required to allow dry working conditions.

5.1.2 General Excavation: The Contractor shall "lay back" or employ shoring and sheeting as required to assure stability of the excavation. Material shall be stockpiled so as not to surcharge adjoining pipe trenches. Topsoil shall be separated so as to allow the maximum reuse in grassing operations.

5.1.3 Structural Excavation: The area immediately beneath the manhole bases shall be graded and compacted. Compaction shall be to 96% of maximum laboratory density as determined by AASHTO T 99. Should unsuitable material be encountered, the Engineer may direct that the area be over excavated and filled with stabilization material. Specification for stabilization material and payment for such shall be in accordance with Technical Specifications.

5.1.4 Backfilling: Backfill material shall consist of select backfill in accordance with Technical Specifications. Backfilling shall be uniformly placed around the structure in 10-inch layers and be compacted to 90% of maximum density to full depth in unimproved areas. Backfill in paved areas and within five feet to any edge of pavement shall be compacted to 95% of maximum laboratory density in 6-inch layers to the subgrade line. Refer to Technical Specifications.

5.1.5 Salvage: Manhole frames and covers removed during excavation shall remain the property of the Owner and shall be delivered to a location designated by the Owner. All other items removed shall be disposed of by the CONTRACTOR at his expense.

5.2 Riser Installation: Precast concrete riser sections shall be installed plumb and in accordance with the details shown on the Contract Drawings. Joints shall be installed in accordance with manufacturer's recommendations.

The manhole invert channels shall be formed in the bases, smooth and semi-circular in shape conforming to the inside of the adjacent sewer section. Changes in the direction of flow shall be made with a smooth curve of as large a radius as the size of the manhole will permit. Changes in size and grade of the channels shall be formed directly in the concrete of the manhole base. The joint between the base and riser section shall be sealed with epoxy grout. Clean pea gravel shall be used as the epoxy grout filler.

Standard manhole cut-outs and lifting holes shall be sealed with epoxy grout.

5.3 Cast-In-Place Concrete: Bases, flat tops, and drop manhole risers shall be constructed in accordance with Technical specifications - CONCRETE.

5.4 Manhole Steps: Manhole steps shall be installed during the manufacturing of the riser or cone sections. Risers and cones shall be joined so the steps are vertically aligned.

5.5 Manhole Frame and Covers: Manhole frame and covers shall be set and grouted in place

with cement grout. For manholes located in roads or streets, the manhole cover shall be flush with pavement or surface course.

6.0 TESTING

6.1 General: The Contractor shall conduct (and bear the cost of) all testing (Laboratory Approved by the Owner) as directed by the Engineer and furnish results of such tests prior to incorporating the material into the work. All testing is subsidiary to Manhole Payment Items.

6.1.1 Cast-In-Place Concrete Items: The concrete quality testing for manhole bases, drop manholes, and valve boxes shall be tested in accordance with Technical specifications - CONCRETE.

6.1.2 Manhole Risers and Precast Concrete Bases: Manhole risers and precast concrete bases shall be tested for concrete compressive strength. If the place of manufacture is local and reasonably available to the Engineer, Paragraph (a) shall be followed for testing requirements. Should the place of manufacture not be available, Paragraph (b) shall apply.

The contractor shall prepare (in the presence of the Engineer) standard rodded concrete cylinder or cylinders compacted and cured in a similar manner to the manhole sections. Concrete for such cylinders shall be typical fresh concrete mix drawn from the actual casting operation of a riser or base. Cylinders shall be tested in accordance with ASTM C 39. The average compressive strength shall be equal to or greater than the specified design strength (4000 psi). Not more than 10% of the cylinders shall fall below the design strength (4000 psi). In no case shall any cylinder tested fall below 3200 psi. Number of such cylinder tests shall be as follows:

6.1.2.1 One set of cylinders for each day's run castings or

6.1.2.2 One set of cylinders for each 200 linear feet of riser sections manufactured.

6.1.2.3 One set of cylinders per 20 bases or flat tops manufactured.

The Engineer may require additional tests should compressive test results fail.

6.1.3 Earthwork Test: Maximum laboratory density shall be measured in accordance with AASHTO T-99. Field densities shall be determined in accordance with AASHTO T-191 or ASTM D 2992. Standard proctors and field densities shall be performed in accordance with the following schedule.

Standard proctor tests shall be required for earthwork associated with manhole construction. At least two (2) field density tests shall be conducted for earth work associated with each manhole construction.

6.1.4 Inspection for Watertightness: All manholes shall be inspected for watertightness prior to placing into service.

RESTORATION OF ROADS, DRIVEWAYS, FENCES

LAWNS AND OTHER GRASSED AREAS

1.0 GENERAL

The work under this item of work shall consist of furnishing all necessary materials, labor, supervision, tools, equipment and incidentals for the restoration of roads, driveways, fences, lawns and other grassed areas so as to provide satisfactory repair to all damage caused by general construction work. It is the intent of this Specifications to restore all such features to the general conditions that existed prior to construction activity insofar as practical. It is not the intention of this Specification that trees, which must be cut and removed, be restored. The Contractor is expected to be familiar with the overall area and be satisfied as to the materials required and level of effort needed to accomplish such restoration in accordance with this Specification.

2.0 APPLICABLE PUBLICATIONS

The following publications form a part of this specification and where referred to by basic designation only, are applicable to the extent indicated. The latest editions of the publications referenced shall apply to the work:

American Association of State Highway and Transportation Officials (AASHTO).

- T 99 Standard Method of Test for the Moisture Density Relations of Soils Using a 5.5 lg. (2.5 kg) Rammer and a 12-inch (305 mm) Drop.
- T 167 Compressive Strength of Bituminous Mixture
- T 191 Standard Method of Test for Density of Soil In-Place by the Sand-Cone Method
- T 230 Determining Degree of Pavement Compaction of Bituminous Aggregate Mixtures

American Society for Testing and Materials (ASTM)

- D 2922 Density of Soil and Soil Aggregate in Place by the Nuclear Method (Shallow Depths)

Mississippi Department of Transportation (MDOT)

Standard Specifications for Road and Bridge Construction, Current Edition.

Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD)

3.0 SUBMITTALS

3.1 Mix Designs: Design mix will be provided by Contractor and approved by Engineer prior to production of asphalt.

4.0 MATERIALS

4.1 Subbase and Base Courses: Subbase and base courses under paved areas shall be as specified in MDOT Specification Section 301.

4.2 Prime Coat: Prime coat shall consist of Grade MC-30 or Grade MS-70 in accordance with the applicable requirements of MDOT Specification Section 702.

4.3 Bituminous Pavement: Bituminous Pavement for roadway and parking areas, wearing and binder courses, shall consist of a mix in accordance with MDOT Specifications Section 403. Materials shall conform to the following subsection of MDOT Specifications Sections 702 and 703.

A. **Hot Mix Asphalt All Sizes:** Mississippi Standard Specifications for Road and Bridge Construction, Latest Edition

B. **Topsoil:** Topsoil shall be in accordance with Technical Specifications – SEEDING AND SODDING.

C. **Seeding and Sodding:** Seeding and sodding operations shall be in accordance with Technical Specifications - SEEDING AND SODDING.

5.0 CONSTRUCTION

5.1 Maintenance of Traffic: Prior to limiting or restricting traffic on any street or road, the Contractor shall obtain permission from the Engineer. Through or local traffic shall at all times be accommodated by the use of temporary approaches, crossings or detours (if allowed by the Engineer). Satisfactory (to the Property Owner) ingress and egress to any public or private property shall be properly maintained. Proper barricades, signs and detour signs shall be provided by the Contractor to adequately warn motorists of obstructions ahead. Lighted (flashing) barricades shall be used at night.

Flagmen shall be provided to direct traffic around equipment and for one way movement of

traffic around equipment and for one way movement of vehicles. The Contractor may have to stop construction and restore full traffic during certain rush hours.

The Contractor shall at all times (unless otherwise permitted in writing by the Engineer) maintain open one lane to traffic during construction operations and restore roadways to two-way traffic during non-construction hours. All traffic shall be maintained in accordance with the MUTCD, current Edition.

5.2 Repair of Asphalt/Concrete Streets/Driveways/Parking Lots:

A. Removal and Earthwork: The existing asphalt pavement shall be uniformly saw cut on straight lines and the material shall be removed. Other methods of cutting the existing asphalt surface which will result in a uniform straightedge similar to a sawed cut may be acceptable. Upon completion of the pipe laying, select backfill shall be placed in the excavation in maximum 8-inch lifts and compacted to at least 90% of maximum laboratory density to within one foot of the top subgrade and to 95% of maximum laboratory density in the upper one foot of the subgrade.

Maximum density of typical select backfill material shall be determined in accordance with AASHTO T 191 or ASTM D 2922. Portable mechanical tampers or vibratory compactors shall be used in the trenches. Rollers may be used at street level. Existing base and asphalt surfaces which become undermined during construction shall be removed until firm undisturbed subgrade is reached.

A. Select Fill: Class 9, Group "C" Modified for a PI of between 5 and 15 as per latest Edition of Mississippi standard specifications for Road and Bridge construction

B. Asphalt Repair: Temporary Asphalt repair shall be made using 3" thickness of 825 crushed stone.

C. Concrete Repair: Concrete repair shall be made using 3,000 psi concrete meeting Technical Specifications - CONCRETE

D. Prime Coat: Prime coat shall be applied to exposed existing base material prior to overlay with asphaltic base course in accordance with MDOT Specification Section 408.

F. Tack Coat: Tack coat shall be applied to existing or new asphaltic wearing course and asphaltic base, or concrete which is to require asphalt wearing course.

G. Asphalt Wearing Course: Placement and compaction of the bituminous pavement shall be in accordance with MDOT Specification Section 403.03.

E. Utilities: All utility covers excavated during removal of streets, driveways, parking lots shall be restored to finished grade.

5.3 Driveways and Sidewalks: Driveways and sidewalks shall be repaired in similar manner to the original construction. Asphalt drives shall be saw cut where required and repaired in accordance with Paragraph (b) of this Specification. Concrete drives shall be saw cut or removed to the next joint. The minimum thickness for concrete driveway repair is 7 inches and for sidewalks is 4 inches.

Concrete surfaces shall be properly tooled and receive a broom finish. Installation (if required) of new driveway drainage culvert shall be made only at the direction of the Engineer. The Contractor shall take all reasonable precautions to allow for reuse of existing drainage culverts.

5.4 Repair to Gravel Roads: Gravel roads shall be backfilled and compacted in accordance with Paragraph (B) of this Specification. The final surface shall consist of 12-inch in-place compacted clay gravel. Compaction shall be to 100% of maximum laboratory density in accordance with AASHTO T99.

5.5 Repair to Lawns:

A. General: The Contractor shall exercise extreme care to minimize damage to improved lawns. Trees and shrubs within the limits of work shall be removed only for essential construction requirements. Any shrubs, which are removed or damaged, shall be replaced by satisfactory (to the Property Owner) planting by the contractor. Any grass seed areas, roads, streets, driveways, culverts, fences, water lines, metal boxes or other items (excluding trees unavoidably cut) which are damaged by the Contractor, shall be satisfactorily restored by Contractor. Acceptance of improved lawn repairs shall be based on the firm establishment of live stand of grasses and live growth of any replanted and acceptable shrubs. The Contractor shall water and fertilize such areas until healthy growth of grass (and shrubs, if applicable) are attained.

B. Grading: The surface areas shall receive finish grading so the finish topsoil surface (after settlement) will meet the existing contour grade of the area prior to construction. The natural drainage during and after construction shall not be altered so as to cause adverse effects to adjoining properties.

C. Topsoil: The Contractor shall strip topsoil and sod and stockpile for later use. Upon completion of trenching over the area. Additional topsoil shall be furnished if required (at no additional cost) to provide a uniform thickness of 3 inches. Lime at a rate of 1 - ½ tons per acre and fertilizer (13-13-13) at a rate of 800 pounds per acre shall be applied as needed to further establish grass growth.

D. Grassing: Grass seed, sprigs, or sod similar to the existing lawn grasses shall be planted in accordance with the supplier's recommendations. Winter cover grasses such as rye grass shall be applied (in addition to planting the permanent grasses) if seeding, sprigging, or sodding is done at a time of year when the permanent grasses will not actively grow. The type (s) of permanent grasses shall be the same as the grass (es) in the damaged lawns. If the lawn repairs are accomplished between September 1 and March 1, the Contractor shall continue the restoration

work during the next period of March 15 and April 5 and mow the grass and continue the restoration until satisfactory growth of the permanent grass (es) is obtained. Such additional restoration work shall include the 1 - ½ tons of lime per acre, application of 13-13-13 fertilizer at a rate of 800 pounds per acre and replanting and watering permanent grass as necessary to obtain satisfactory (to Engineer) growth. No time will be charged against the Contract Time for any such additional restoration work.

Sodding: Sodding shall be in accordance with Technical Specifications: - Seeding and Sodding

5.6 Erosion Control: During all phases of construction, the Contractor shall adequately protect all work from adverse erosion. Soil shall not be allowed to flow off the limits of work area. The Contractor shall employ the use of ditch checks, matting, temporary grass cover, blankets, or other measures to control erosion. The Contractor shall be responsible to correct damage caused by erosion. During the construction of this project, all work areas will be strictly monitored. All trench lines will be kept in excellent condition, all streets and drives will receive careful maintenance, keeping potholes and settled areas filled in. Dust control is essential and will also be strictly monitored.

5.7 General Grassing of Unimproved Areas

A. General: The Contractor shall seed and establish grass growth in all disturbed areas in unimproved areas (to include pastures and roadsides). Acceptance of the grass cover shall be based upon the firm establishment of a live stand of grass. The contractor shall water such grass if natural rainfall fails to adequately provide moisture. On slopes and other areas subject to erosion, grassing shall be accomplished as soon as practical (within 48 hours unless weather is prohibiting) after finish grading operations.

B. Grading: The surface area shall receive finish grading so the finish topsoil surface (after settlement) will meet the existing contour grade of the area prior to construction. The natural drainage during and after construction shall not be altered so as to cause adverse effects to adjoining properties.

C. Topsoil: The Contractor shall remove existing topsoil and stockpile for later use. Upon completion of backfilling (to establish contours as before construction), the topsoil shall be uniformly spread back over the area. The Engineer may require additional topsoil be furnished by the Contractor at no expense to the project, if in the opinion of the Engineer, adequate provisions and efforts were not made by the Contractor to stockpile and re-use existing topsoil material.

D. Fertilizer and Agricultural Limestone: The Contractor shall uniformly apply 800 lbs. per acre of 13-13-13 fertilizer and also apply two (2) tons per acre of agricultural limestone to the area to be seeded. The fertilizer and limestone shall be tilled into the soil to a depth of four (4) inches.

E. Mulch Cover: Erosion prone areas such as steep slopes and highway shoulders shall receive a layer of loose straw mulch or equivalent at the rate of one and one-half (1-1/2) tons per acre. The mulch cover shall be established by the application of an emulsified asphalt or by "crimping" parts of the material into the soil.

5.8 Miscellaneous Items: Items such as fences, gates, paved ditches, and other items shall be replaced or repaired as required for restoration. Should additional fencing material be required, new post and new wire of similar size, type and gauge shall be provided and installed.

5.9 General Care: Reasonable care shall be taken during construction to avoid damage to vegetation. Ornamental shrubbery and tree branches shall be temporarily tied back, where appropriate, to minimize damage. Trees, which do not have to be removed in the opinion of the Engineer, and which receive damage to branches shall be trimmed of those branches to improve the appearance of the tree. Tree trunks receiving damage from equipment shall be treated with a tree dressing.

6.0 TESTING

6.1 General: All sampling and testing shall be accomplished by the testing laboratory approved by the Owner and employed by the Contractor to perform such services. Results shall be immediately forwarded to the Engineer by the Contractor.

6.2 Earthwork: Earthwork directly involved with road and street repair shall be tested as follows:

A. Moisture Density Relationship (Standard Proctors): Two tests of sampled native material shall be required. Tests shall be in accordance with AASHTO T 99.

B. Field Density: A minimum of two and a maximum of four field density tests shall be required. Density tests shall be in accordance with AASHTO T 191 or ASTM D 2922.

C. Topsoil: Two pH tests and two organic content tests (wet combustion method) will be required.

SEEDING AND SODDING

1.0 DESCRIPTION

This item consists of furnishing all labor, supervision, materials, tools, incidentals and equipment and performing all work for topsoiling, tilling, fertilizing, seeding, watering, and otherwise establishing, protecting and maintaining seeded and sodded areas as required by the Contract Drawings and these specifications, and including repair, refertilizing and reseeding as required until final inspection and acceptance of the project.

2.0 SUBMITTALS

Certificates for fertilizer, limestone, seed.

3.0 MATERIAL

3.1 Topsoil: Topsoil shall be the surface layer of soil that is stockpiled by the Contractor during stripping and/or excavation on the site. The topsoil shall be free of subsoil, clay, lumps, stones, brush or seed. Topsoil shall have a pH value of not less than 4.5 nor more than 8.0.

3.2 Lime: Lime shall be ground limestone containing not less than 80% of total carbonates and shall be ground to such fineness that 80% will pass through a No. 10 mesh sieve and 40% will pass through a No. 40 mesh sieve.

3.3 Fertilizer: Fertilizer shall be water soluble commercial carriers of available plant food elements or combinations thereof, as stated herein and shall conform to the applicable state fertilizer laws. They shall be uniform in composition, dry, and free flowing materials in condition for application by suitable equipment. The fertilizer shall be delivered in standard bags or other convenient standard containers, each fully labeled with manufacturer's guaranteed analysis. Any fertilizer shall contain not less than the percentages by weight of the ingredients set out as follows: (1) Nitrogen, 13% (2) Phosphorous P O, 13%, (3) Potash K C, 13%. Invoices for fertilizer will show the kind and have analysis furnished.

3.4 Seed: Seeds with a minimum pure live seed content of 90% shall be used. They shall be of the best grade and of known vitality, purity, and germination and shall be delivered in containers bearing seed tags as required by law showing percentages of germination content and purity of seed as well as percentages of weed seed content.

All seeds shall be free of wild onion, Canadian thistle, Johnson grass, crab grass or other seeds of noxious weeds. All seeds shall be furnished in standard containers, or as acceptable to the Engineer. Seed which has become wet, moldy or otherwise damaged in transit or storage will not be acceptable.

Purity, Germination and Planting Schedule

Spring and Summer Seeding (March 1 to September 1)

<u>Name</u>	<u>Percent Purity</u>	<u>Percent Germination</u>	<u>Mix (Dry Wt. Lbs.) Per Acre</u>
Hulled Bermuda	95	90	20
Pensacola Bahia	95	90	30

TOTAL 50
Fall and Winter Seeding (September 1 to March 1)

<u>Name</u>	<u>Percent Purity</u>	<u>Percent Germination</u>	<u>Mix (Dry Wt. Lbs.) Per Acre</u>
Unhulled Bermuda	95	90	20
Pensacola Bahia	95	90	30
Rye	95	85	15
Crimson Clover	95	85	8

TOTAL 73

Seeding in Existing Lawns: Grass seeds for existing lawns shall be the same as the existing grass.

3.5 Leguminous Inoculants: Inoculation media containing live nitrogen-fixing bacteria shall be supplied with all legume seed. The inoculants shall be standard, pure culture of nitrogen-fixing bacteria. Each kind of legume will require a cultural bacteria that is adapted to that particular kind of seed. The bacteria shall be supplied in convenient containers of a proper size to treat the amount of seed to be planted. The legume seeds shall be treated according to the directions, and before the expiration date for use of the media shown on the container.

3.6 Soil for Repairs: For fills or areas to be repaired, soil shall be topsoil of a least equal quality to that which exists in areas adjacent to the area to be repaired.

3.7 Water: Water shall be free from oil, acid, alkali, salt, and other substances harmful to growth of grass, and shall be from a source accepted prior to use.

3.8 Solid Sod: Bermuda or Carpet Grass and shall be native to the locality of the work and shall, when placed be live, fresh, growing grass with at least two and one-half (2 ½) inches of soil adhering firmly to the roots. The sod shall be reasonably free from obnoxious weeds or other

grasses, and shall not contain any matter deleterious to its growth; or which might affect its subsistence or hardness when transplanted. The sod shall be in blocks at least 3" x 8", and free from ragged edges.

4.0 INSPECTION AND TESTS

4.1 Fertilizer and Limestones: Duplicate copies of material invoices shall be furnished to the Engineer. Invoices shall show quantities and grade of fertilizer, quantity of limestone, percentages of calcium carbonate and magnesium carbonate, as applicable, and the percentages of limestone that pass the No. 40 and the No. 10 mesh sieves. Samples of each lot of fertilizer and limestone shall be furnished for testing. Upon completion of project a final check of total quantities of fertilizer and limestone used will be made against total area treated, and if minimum rates of application have not been met, additional quantities of these materials to make up minimum application specified shall be distributed.

4.2 Seed: Contractor shall furnish to the Engineer duplicate signed copies of statement(s) from vendor(s), certifying that each container of seed delivered is labeled in accordance with Federal Seed Act and is at least equal to requirements specified therein. This certification shall be obtained from vendor and shall be furnished before application.

5.0. PREPARATION OF GROUND SURFACE

5.1 General: Equipment, in good operating condition, shall be used for the proper preparation of the ground and for handling and placing all materials. Equipment shall be acceptable before work is started.

5.2 Topsoiling: Topsoil shall be obtained from job site stockpiles formed during stripping and/or excavation operations and shall be free from subsoil, clay lumps, stones, brush, grasses or weeds, excess acids or alkali, or any other material to subsequent, smooth, grading, planting, and maintenance operations.

The topsoil shall be evenly spread on tilled areas to a uniform depth of at least 3 inches after compaction. Spreading shall be performed so that seeding can proceed with a minimum of soil preparation or tilling. After preplanting fertilization is completed, the topsoil shall be compacted by rolling with a cultipacker or by other approved means.

Rehabilitation of the stockpile areas shall include returning the area to near pre-construction conditions, including seeding of the area to re-establish the growth of grass.

5.3 Grading: Previously established grades shall be maintained on the areas to be treated in a true and even condition; necessary repairs shall be made to previously graded areas by means of graders or other approved equipment.

5.4 Tillage: After the areas required to be treated have been brought to the grades shown, the

soil shall be tilled to a depth of at least 4 inches by plowing, disking, harrowing, or other acceptable operations until the condition of the soil is acceptable. The work shall be performed only during period when beneficial results are likely to be obtained. When drought, excessive moisture, or other unsatisfactory conditions prevail, the work shall be stopped when directed. Undulations or irregularities in the surface shall be leveled before the next specified operation.

6.0 APPLICATION OF FERTILIZER AND LIMESTONE

6.1 Preplanting fertilization of areas to be seeded: Fertilizer shall be distributed uniformly at a rate of 800 pounds per acre over areas to be seeded and shall be mixed into the soil to a depth of at least 4 inches by disking, harrowing, or other acceptable methods. Application of fertilizer may be part of the operation specified in Section 5.4: TILLAGE of this specifications.

6.2 Liming: Immediately following or simultaneously with incorporation of fertilizer, limestone shall be distributed uniformly at a rate of 4000 pounds per acre, and shall be mixed into the soil to a depth of at least 4 inches by disking , harrowing, or other acceptable methods. Application of limestone along with fertilizer may be part of the operation specified in Section 5.4: TILLAGE of this specifications.

6.3 Leveling: Surface irregularities resulting from tillage, fertilizing, liming, or other operations shall be leveled before seeding.

6.4 Postplanting fertilization: From 40 to 60 days after seeding, ammonium nitrate or its nitrogen equivalent shall be applied uniformly at a rate of 225 pounds per acre over areas seeded. Fertilizer shall be applied when grass blades are dry to minimize burning. The planted area shall be watered to thoroughly moisten the upper 6 inches of the soil surface after the fertilizer is applied.

7.0 PLANTING SEED

7.1 General : A satisfactory method of sowing shall be employed, using approved mechanical power-drawn drills or seeders, or other approved methods. When drills are used, markers or other means shall be provided to insure that the successive seeded strips will overlap or be separated by a space no greater than 6 inches. When delays in operations extend the work beyond the most favorable planting season for species designated or when conditions are such by reason of drought, high winds, excessive moisture, or other factors that satisfactory results are not likely to be obtained, work shall be halted as directed and resumed only when conditions are favorable or when approved alternate or corrective measure and procedures have been effected. If inspection during or after seeding operations indicates that strips wider than 6 inches have been left unplanted or other areas skipped, additional seed shall be sown.

7.2 Broadcast Seeding: Seeding shall be broadcast either by hand or with acceptable seeding equipment, in combination with fertilizer, or with other acceptable sowing equipment. Seed shall be distributed uniformly over designated areas. Half of the seed shall be sown with sower moving

at right angles to first sowing. Seed shall be covered to an average depth of 1/4 inches by brush harrow, spiketooth harrow, chain harrow, cultipacker, hand rake with wood tines, or other approved device. Seed shall not be broadcast during windy weather.

7.3 Drill Seeding: Drill seeding shall be accomplished with approved equipment with drills set not more than 6 inches apart. Seed shall be sown uniformly over designated areas to average depth of 1/4 inch.

7.4 Sodding: All solid sod shall be procured areas where the soil is fertile and contains a high percentage of loamy topsoil, and from areas that have been grazed or mowed sufficiently to form a dense turf.

Mechanical devices, such as sod cutter, may be used for cutting the sod into strips or blocks. Care shall be exercised at all times to retain the native soil on the roots of the sod during the process of excavating, hauling and planting.

The solid sod blocks shall be transplanted within 24 hours from the time of cutting, unless they are stacked, to their destination in a manner satisfactory to the Engineer. All solid sod in stacks shall be kept moist and protected from exposure to the air and sun, and from freezing. In no event shall more than two (2) days elapse between the cutting and planting of the solid sod.

Solid sod shall be planted during the period between March 1st and December 15th, unless written permission is given by the Engineer to extend the planting season. The solid sod shall be placed on the prepared surface with the edges in close contact. All cracks between blocks of solid sod shall be closed with small pieces of fresh sod, and all cracks too small for sod shall be filled by a light dressing of topsoil. The entire sodded area shall then be compacted and watered to the satisfaction of the Engineer. Rollers, hand tamps or other approved equipment may be used for compacting.

Surfaces of solid sodding which, in the opinion of the Engineer, may slide due to the height and slope of the surface or nature of the soil, shall, upon direction of the Engineer, be "pegged" with wooden pegs driven through the sod blocks into firm earth, sufficiently close to hold the sod in place.

8.0 MAINTENANCE

Seeded areas shall be maintained until all work or designated portions thereof have been completed and accepted. Tall grass and weeds that tend to impede the desired grass species shall be mowed, and any damage resulting from these operations shall be repaired at the Contractor's expense.

9.0 ESTABLISHMENT OF GROWTH

9.1 General : The Contractor shall be responsible for proper care of seeded areas while grass is becoming established for three (3) months after completion of treatment on the entire project, unless desired cover is established in a shorter period of time and the Owner shortens responsibility period. The Contractor shall be responsible for providing a satisfactory stand of grass. A satisfactory stand of grass is determined as a cover of living grass in which gaps larger than 12 inches square do not occur as determined by an acceptance inspection made at the end of the maintenance period. Maintenance work shall be performed at the Contractor's expense.

9.2 Mowing: Seeded and sodded areas shall be mowed with acceptable mowing equipment to a height of about 4 inches when average height of grass becomes about 8 inches. When amount of cut grass is heavy, grass shall be removed to prevent destruction of underlying turf. If weeds or other undesirable vegetation threatens to impede the growth of planted species, such vegetation shall be mowed, or in case of excessive growth, shall be uprooted, raked and removed from area.

9.3 Refertilizing: The Contractor will determine areas needing refertilization at least 15 days before application is required. Fertilization shall be distributed on designated area during periods when grass is dry. 13-13-13 grade fertilizer shall be applied uniformly at a rate of 800 pounds per acre. Fertilizer conforming to physical condition, packaging and marking as specified herein before shall be provided.

9.4 Reseeding: The Contractor will determine areas requiring reseeding at least 15 days before period specified for reseeding. Seed specified hereinbefore shall be drilled at rates hereinbefore specified, in a manner that will cause minimum disturbance to existing stand of grass, and at an angle of not less than 15 degrees from direction of previously seeded rows.

CONCRETE

1.0 GENERAL

- A. This item shall consist of furnishing all materials, labor, supervision, tools, equipment and incidentals and performing all forms of work; furnishing and placing reinforcement, inserts and anchors; mixing, placing, curbing, and furnishing of portland cement concrete.
- B. The work includes, but is not necessarily limited to manholes, pumping stations, lift stations, driveways, and minor concrete work.

2.0 APPLICABLE DOCUMENTS

The following publications form a part of this Specification and where referred to by basic designation only, are applicable to the extent indicated. The latest editions of the publication referenced shall apply to the work.

A. American Society for Testing and Materials (ASTM):

- A 615 Billet Steel for Concrete Reinforcement
- C 31 Making and Curing Concrete Compressive and Flexural Strength Test Specimens in the Field
- C 33 Concrete Aggregates
- C-39 Compressive Strength of Molded Concrete Cylinders
- C 143 Slump of Portland Cement Concrete
- C 150 Portland Cement

B. Mississippi Department of Transportation (MDOT):

Standard Specifications for Road and Bridge Construction, Latest Edition.

3.0 SUBMITTALS:

The following data shall be submitted to the Engineer for review prior to incorporation into the work:

- A. Letter from the manufacturer certifying the concrete mix conforms to the requirements for Class B concrete as defined in Section 804 of the MDOT Standard Specifications for Road and Bridge Construction.

B. Letter of certificate from the manufacturer certifying that the reinforcing steel conforms to the herein specified requirements.

4.0 MATERIALS:

A. General: The concrete shall be ready-mix concrete manufactured by a plant for delivery to the site of the work in a plastic state. The Contractor may batch the concrete at the work site by use of portable mixers providing the following requirements are met:

1. Facilities shall be provided to properly weight, proportion and control the components of the concrete mix.

2. The mixer(s) shall be of such capacity so as to allow the complete placement of the plastic concrete mix prior to the initial set of any portion of the particular concrete pour.

B. Concrete Mix: The concrete materials and mix design, shall conform to the requirements for Class B concrete Section 804, MDOT Standard Specifications for Road and Bridge Construction. The compressive strength of the concrete shall be a minimum of 3000 psi at 28 days, or earlier. Type I Portland Cement shall be used in the mix, except where otherwise specified or permitted. Prior to producing any concrete for cast-in-place construction on the project, the Contractor shall submit to the Engineer the proposed mix design and shall obtain Engineer's approval of the mix design.

C. Reinforcing Steel - shall be new stock, deformed bars conforming to ASTM A 615, Grade 40 or Grade 60.

D. Curing Material - shall consist of wetted burlap, wetted cotton mats, plastic sheeting, or an approved liquid membrane material which will satisfactorily keep the new concrete in a moist condition for at least seven (7) days.

5.0 CONSTRUCTION:

A. Weather Limitations: Concrete shall be placed when the atmospheric temperature is a Minimum of thirty-five (35) degrees F. and rising. Newly placed concrete shall be protected from cold temperatures for at least four (4) days at a temperature of not less than forty (40) degrees F.

B. Forms: Forms shall be securely anchored in place and properly aligned. Wood forms shall be oiled prior to placement of fresh concrete mix.

C. Reinforcement: Reinforcing bars shall be securely mounted by the use of chairs or other approved methods so as to not become displaced during placement of concrete mix. The positioning of reinforcing by working the bars into the newly placed concrete mix shall not be allowed.

D. Placement: The plastic concrete mix shall be worked (and vibrated if required) into the formwork. The mix shall be consolidated so as to remove all voids and finished to form a true and level surface.

E. Curing: The hardened concrete shall be kept moist by the use of curing materials for a minimum of seven (7) days.

F. Slump Requirements: The following slump requirement shall apply:
Class B Concrete 2-4 Inches

G. Chamfered Corners: All exposed corners shall be chamfered one (1) inch or as indicated.

H. Finish:

1. All surfaces shall be "floated" to provide a uniform and level surface. Defects (honeycombs, ties, etc.) shall be repaired. No rubbing shall be required.

2. Sidewalks, driveways and other surfaces subject to pedestrian traffic shall be floated as noted in paragraph 1 above and shall receive a "broom" finish.

6.0 TESTING

The following test shall be required:

A. Slump: The Contractor shall test the concrete mix for conformance to the slump requirements as required. Test shall be in accordance with ASTM C 143.

B. Compressive Strength: The Contractor shall sample the concrete mix and prepare test cylinders for conformance to the compressive strength requirements. The Contractor shall transport the cylinders to the testing laboratory (employed by the Contractor) and have the cylinders tested in accordance with ASTM C 31 and C 39. The results of such test shall be forwarded to the Engineer. Test shall be performed at the following schedule.

One test per 15 cubic yards or major fraction thereof. A minimum of one test for each day of mixing shall be performed.

DUCTILE IRON WATER SYSTEMS

1.0 GENERAL

This item shall consist of furnishing all of the necessary materials, supervision, labor, tools, equipment and incidentals, and the installation of various types and sizes of water pipe and related items in accordance with the Contract Drawings and Specifications, as stated in the Proposal.

2.0 APPLICABLE PUBLICATIONS

The following publications form a part of these Specifications and where referred to by basic designation only, are applicable to the extent indicated. The latest editions of the publications referenced shall apply to the work.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

- A 139 Electric-Fusion (Arc) welded steel pipe (sizes 4 inch and over).
- A 252 Welded and Seamless steel pipe piles.
- C 31 Making and Curing Concrete Compressive and Flexural Strength Test Specimens in the Field.
- C 33 Concrete Aggregates
- C 39 Test for Compressive Strength of Cylindrical Concrete Specimens.
- D 2922 Density of Soil Aggregate in place by the clear Method (shallow depths).

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

- 21.10 Gray Iron and Ductile Iron Fittings, 3 inch through 48 inch for Water and other Liquids.
- 21.11 Rubber Gasket Joints for Cast Iron and Ductile Iron Pressure Pipe and Fittings.
- 21.50 Ductile Iron Pipe, Centrifugally Cast in Metal Molds or Sand-line Molds, for Water or other Liquids.

AMERICAN WATER WORKS ASSOCIATION (AWWA)

- C 104 Cement-Mortar Lining for Cast Iron Pipe and Fittings for Water and Other Liquids.
- C 106 Cast Iron Pipe Centrifugally Cast in Metal Molds, for water and other Liquids.

C 110 Gray Iron and Ductile Iron Fittings, 3 inch through 48 inch, for Water and Other Liquids.

C 111 Rubber Gasket Joints for Cast Iron and Ductile Iron Pressure Pipe and Fittings.

C 150 Ductile Iron Pipe, Centrifugally Cast in Metal Molds or Sand-Lined Molds, for Water or other Liquids.

AMERICAN ASSOCIATION OF STATE HIGHWAY & TRANSPORTATION OFFICIALS (AASHTO)

T-88 Particle Size Analysis of Soils.

T-89 Determining the Liquid Limit of Soils.

T-90 Determining the Plastic Limit and Plasticity Index of Soils.

T-99 Moisture Density Relations of Soils Using a 5.5 lb. Rammer and 12 inch Drop.

T-191 Density of Soil In-Place by the Sand-Cone Method.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Standard Specifications for Road and Bridge Construction, Latest Edition.

3.0 SUBMITTALS

The following submittals shall be required for the respective materials used in the work. All submittals shall be submitted through the Contractor to the Engineer.

3.1 Ductile Iron Pipe: The following submittals shall be required for ductile iron pipe systems utilized on the project. The Contractor shall furnish manufacturer's certificates certifying that the pipe and fittings conform to the requirements as Specified hereinafter under Article 4.0, Materials. In addition, the submittals shall include the following:

A. Joints: The following shall be required for ductile iron joints.

1. Drawings or Manufacturer's Catalogue data indicating dimensions and tolerance.
2. Gaskets shall be tested in accordance with the respective standards as indicated in ANSI 21.11 and results shall be included in the submittals. Test shall be for similar materials on the gaskets and be not more than one year old.
3. Mechanical Joints: Should the Contractor elect to use mechanical joints in lieu of push-on joints, manufacturer's data shall be submitted in accordance with the "Special Requirements for the Mechanical Joint" as stated in ANSI 21.11 (AWWA C 111).

B. Ductile Iron Pipe Submittal Shall Include the Results of:

1. Tension Test
2. Impact Test
3. Low Temperature Impact Test

Sampling procedure shall be as indicated in ANSI 21.51.

4.0 MATERIALS

WATER SYSTEM:

A. Ductile Iron Pipe: Ductile iron pipe shall be designed in accordance with the latest revision of ANSI/AWWA C 151/A21.51), rated working pressure of 350 psi plus a 100 psi surge allowance; a 2 to 1 safety factor on the sum of working pressure plus surge pressure in Type 3 Laying condition with a depth of cover as required per plans.

Pipe shall have standard asphaltic coating on the exterior. Pipe also shall have a cement mortar lining on the interior in accordance with the latest revision of ANSI/AWWA C104/A21.4. If corrosion protection is required, polyethylene encasement shall be installed prior to the pipes installation in accordance with ANSI/AWWA C105/A21.5-88.

All non-restrained pipe shall be furnished with push-on type joints such as "Fastite", or equal. Joints shall be in accordance with the latest revision of ANSI/AWWA C111/A21.11 and shall be furnished complete with all necessary accessories.

Where restrained joint pipe is required, "Fast Grip", "Flex-Ring", or "Field Flex-Ring" or approved equal shall be used. The length of restrained pipe shall be as tabulated or noted on the plans.

Ductile iron fittings shall conform to the latest revisions of either ANSI/AWWA C110/A21.10 or ANSI/AWWA C153/A21.53. Fittings, linings, and coatings shall be as specified for the pipe above.

All pipe, fittings and accessories shall be installed and tested in accordance with the latest revision of AWWA C600. Newly installed ductile iron water mains shall be disinfected in accordance with the latest revision of AWWA C651 prior to placing in service.

B. Gate Valves: Where indicated on the Plans or directed by the ENGINEER, the CONTRACTOR shall furnish and install gate valves as hereinafter specified.

All gate valves shall be cast iron mechanical joint, M.J., Mueller A-2380-20, equivalent or better.

All gate valves shall be furnished with O-ring packing and 2" square operating nut, AWWA 200lb., for cast iron water main.

Valve boxes shall be cast iron top and bottom. Extension pieces shall be provided as required.

All valves will be set at a perfect 90 degree angle from level pipe, (perpendicular) so as to be easily accessible through properly set valve box as per specifications above.

The CONTRACTOR shall furnish and install either a two-piece or three-piece, slip type, cast iron valve box over each gate valve. Valve boxes will be set over valve operating nut, centered so as to be easily accessible with a valve operating wrench or key. They will be set to correspond with the finished grade of street, lot, or easement. No dirt will be left in box; box will not rest directly on valve body.

C. Fittings, Valves and Hydrants, Etc.: All fittings, valves and valve boxes, hydrants, and other appurtenances are to be set at the points indicated on the plans, or as directed by the ENGINEER, and omission to do so shall be corrected by the CONTRACTOR without extra cost to the OWNER.

All fittings shall either be Ductile Iron Compact (ANSI/AWWA C153/A21.53) or Cast Iron (ANSI/AWWA-C110/A21-10) and shall have mechanical joint ends and mechanical joint restraints (Series 1120) and shall be incorporated in the design of the follower gland and shall include a restraining mechanism which, when actuated, imparts multiple wedging action against the pipe, increasing its resistance as the pressure increases. Flexibility of the joint shall be maintained after burial. Glands shall be manufactured of ductile iron conforming to ASTM A 536-80. Restraining devices shall be of ductile iron heat treated to a minimum hardness of 370 BHN. Dimensions of the gland shall be such that it can be used with the standardized mechanical joint bell and tee-head bolts conforming to ANSI/AWWA A21.11 and ANSI/AWWA C153/A21.53 of latest revision. Twist-off nuts shall be used to insure proper actuating of the restraining devices.

The mechanical joint restraint device shall have a working pressure of a least 250 psi with a minimum safety factor of 2:1 and shall be EBAA Iron., MEGALUG or equal.

To improve the sealing capacity, the gaskets for all mechanical joints conforming to the requirements of ANSI/AWWA C110/A/21.10, C111/A21.11, or C153/A21.53 shall be of a design that causes the gasket to deflect approximately 30% during assembly of the mechanical joint. The gasket material shall conform to the requirements of ANSI/AWWA C111/A21.11, Section 1-6.4 of the latest revision. Mechanical joint gaskets shall be EBAA Iron's EBAA Seal-Improved Mechanical Joint Gasket or approved equal.

Fittings (bends, tees, plus, and caps) shall be securely braced by mechanical joint restraints, as indicated on the Plans, to prevent the possibility of blowing off under pressure. And a full length of pipe shall be installed on each end of the fitting. Then cut pieces can be installed beyond the full lengths of pipe.

D. Plugs and Caps: Where indicated on the Plans, or as directed by the ENGINEER, the CONTRACTOR shall install plugs for anticipated future extensions by placing a branch fitting

(tee or cross) in the line and plugging the unused branch or branches. In general, such plugs will be located at street intersections where present plans provided lines running in only two or three directions from the intersections and where, in the opinion of the ENGINEER, a connection may be required for future extension. Where "dead end" lines are installed, the ends of such lines shall be plugged or capped as required.

For the various hot taps required according to the plans, and up to 12 inches, the JCM 432, stainless Tapping Sleeve, or approved equal, shall be required. The CONTRACTOR shall furnish all materials for these various taps.

E. Casing Pipe: Steel pipe utilized as casing at locations shown on the Contract Drawings shall be new round piling pipe conforming to the requirements of ASTM A 252 or A 139. Casing diameter shall be adequate to allow pushing of the specified diameter of water pipe and make proper connections at the ends. Minimum Wall Thickness for steel casing is 0.25 inch.

F. Stabilization Material: Stabilization Material shall be a pit run mixture of sand and gravel. The sand shall be hard, sharp and durable particles. All gravel shall pass a 1" sieve.

G. Wash Gravel Bedding Material: Select Granular material for pipe bedding shall be coarse concrete aggregate. The coarse concrete aggregate shall conform to the gradation sizing Number 467 specified in Table 2 of ASTM Standard Specification C-33. (See Following Table)

H. Meter: Water meter shall be Badger "Radio Read" and all fittings shall be Ford brand consistent with current City Standards.

I. Polyethylene Pipe: Shall be in accordance with AWWA C906, ASTM D3035, PE4710, C200 (DR11), with ductile iron outside diameter (DIOD)

J. Fittings for Polyethylene Pipe: Shall be in accordance with AWWA C906, AWWA D3035, molded and manufactured to comply with ASTM F714. AWWA C906, AWWA M55, ASTM D3261 for butt fusion fittings ANSI Class 150 or as necessary to provide minimum pressure rating.

K. Joints and Jointing Materials

a. Mechanical Joint: DIOD Mechanical joint adapter and gaskets for mechanical joints for joint connections between pipe and metal fittings, valves, and other accessories, AWWA C111/A21.11.

b. Butt Fusion: Jointing is to comply with ASTM D2657, Butt Fusion. No offset in alignment between adjacent pipe joints of fittings is permitted.

SIZE NO. 467

<u>Nominal Size</u> <u>(Sieves w/Square Openings)</u>	<u>Percent Passing by Weight</u>
2"	100
12"	95 - 100
3/4"	35 - 70
3/8"	10 - 30
No. 4	0 - 5

H. Select Backfill: General: The select material shall be composed of a natural or artificial mixture of sand, silt, clay or soil binder or other material of satisfactory cementing value. The sand shall be hard, sharp, and durable particles, preferably siliceous. The binder shall be a grade of clay or other material having satisfactory cementing qualities and shall be homogenous in character, free from vegetable matter, clay balls or other deleterious substances that cannot be classed as serviceable base material.

Gradation: Any coarse aggregate contained in the material shall pass the one and one-half (1-1/2), sieve and not more than thirty-five percent (35%) shall be retained in the Number 10 sieve. The plasticity index (P.I.) shall not exceed 12, nor shall the liquid limit exceed 30.

The composite selected sand-clay material passing the Number 10 sieve shall conform to the following minimum and maximum gradation limits:

<u>Sieve</u>	<u>Percent Passing by Weight</u>
Number 40	40 - 85
Number 60	30 - 70
Number 270	8 - 30
Silt (.05 to .005 mm)	3 - 15
Clay (Passing .005 mm)	3 - 15

I. Backfill: All other backfill shall consist of excavated material removed from the trench.

5.0 CONSTRUCTION:

Earthwork:

A. Site Preparation: Topsoil shall be stripped and stockpiled in accordance with Technical Specifications - Restoration of Roads, Driveways, Fences, Lawns, and other Grassed Areas and Excavation, Trenching and Backfilling.

All vegetation such as brush, heavy sod, heavy growth of grass, decayed vegetative matter, rubbish and any other unsuitable material within the area of trenching shall be stripped or otherwise removed before the trenching is started, and in no case shall such objectionable material be allowed in the trench.

Stripping operation shall be to a depth of not less than 6 inches in all cases.

B. Asphalt or Concrete Removal: Before trenching operations begin, the existing asphalt or concrete pavement shall be scored or cut to a proper depth to give a straight vertical edge when removed. The asphalt or concrete shall be disposed of offsite by the Contractor. While removing the asphalt or concrete in the trench line, never shall the adjacent asphalt be raised or pulled from its base.

C. Trenching: The Contractor shall determine all requirements for trench dimensions, alignment, and grades. The trench shall be excavated in conformance with all federal, state and local regulations for the protection of the workmen. Shoring, sheeting and/or a moveable form shall be used as required to provide earth stability during the laying operations.

The final excavation of the trench for the pipe installation shall be as indicated on the Plans. Minor variations in horizontal (within the permanent easement) or vertical alignment during construction shall be made during construction (with the Engineer's approval) to facilitate ease of installation and operation (due to potential conflicts; i.e., utility conflict) at no additional cost to the Owner except for additional piping, if any. The trench from the top of the pipe down to the bottom of the bedding shall be of a consistent width as indicated on the plans. Should the excavated width of the trench be larger than the design width, the Engineer may direct that a higher type or class of bedding be used; or other adjustments be made to increase the load carrying capacity of the pipe.

The Contractor shall not excavate more trench in advance of pipe laying than is necessary to perform the work efficiently. No more than 100 feet of open trench shall be allowed unless approved by the Engineer.

Excavated material shall be placed in a manner that will not obstruct sidewalks, driveways, or other structures. Excavated material shall not be placed so as to surcharge the walls and jeopardize trench stability.

D. Disposal: The Contractor shall satisfactorily dispose of all excess earth from excavations either in approved (by the Engineer) areas within the construction limits or away from the project in disposal sites obtained by the Contractor.

The Contractor will be permitted to mound excess earth over the trench to a maximum depth of 12 inches above the original ground surface or finished grade where the trench is located in unimproved property. Wasting of excess excavated material will not be permitted within any road ROW. All material within the construction limits shall be placed so that natural drainage is maintained and the surface shall be graded to a smooth and uniform appearance. The disposal of waste and excess excavating materials, including hauling, handling, grading, and surfacing shall be subsidiary obligation of the contractor and no separate payment will be made. Therefore, the cost of such work shall be included in the Contract Unit Price for installation of water pipe.

E. Dewatering: The site shall be kept free of surface water at all times. The Contractor shall

install drainage ditches and dikes and shall perform all pumping and other work necessary to divert or remove rainfall and other accumulations of surface water from the excavations. The diversion and removal of surface water performed in a manner that will prevent the accumulation of water behind temporary structures or at any other locations within the construction area where it may be detrimental. The Contractor shall provide, install, and operate sufficient trenches, sumps, pumps, hoses, piping, well points, deep wells, etc., necessary to depress and maintain the ground water level at least one foot below the base of the excavation during all stages of construction operations. The ground water table shall be lowered in advance of excavation and maintained a minimum of one foot below the lowest excavation subgrade made until the structure has sufficient strength and weight to withstand horizontal and vertical soil and water pressures.

Where groundwater is encountered, the Contractor shall make the effort necessary to secure a dry trench bottom before laying pipe. In sandy and in other suitable type soils, dewatering shall be done by well pointing. If, in the opinion of the Engineer, the Contractor has failed to obtain an absolutely dry trench bottom by insufficient use of all known methods of trench dewatering, the Engineer may order the Contractor to excavate below grade and place not less than 6 inches of graded crushed stone fill material over the trench bottom to form trench drains to suitably located sumps and to remove the water by bailing or pumping. The graded crushed stone fill material shall be placed at the Contractor's own expense and shall be of such depth that there shall be not water in bell holes at the time of coupling pipe. All costs of equipment, labor, and materials required for dewatering shall be included in the bid price.

F. Bedding: The Contractor shall satisfactorily shape the trench area (to specified line, grade and cross section) to receive bedding material. The bottom of the trench shall be undisturbed soil. Should the Contractor over excavate the trench without direction from the Engineer, the trench shall be brought up to grade with select backfill and compacted to at least 90% of maximum laboratory density as measured by AASHTO T 99. Such additional work and materials for over excavation without direction of the Engineer shall be at the expense of the Contractor.

Holes for the bells shall be provided at each joint in the sub-grade or in the granular fill bedding material as required. The holes shall be no larger than necessary for joint assembly and assurance that the pipe barrel will lie flat on the material. The Contractor shall install the proper bedding for the respective type of pipe and depth of installation as shown in the details and schedules on the plans. When depths vary in a particular manhole run, the Contractor shall change bedding systems in accordance with the depth installation requirements.

1. Stabilization Materials: When the sub-grade is found to be unstable or to include ashes, refuse, organic material, or other unsuitable material, the Engineer may direct that the sub-grade be over excavated to remove such material. The depths of over excavation shall be as directed by the Engineer. Stabilization material shall be placed into the over excavated area of the trench and shall be paid for in accordance with these specifications. Stabilization shall be compacted to at least 90% of maximum laboratory density in six inch lifts.

2. Bedding Materials: As detailed in the plans, bedding material shall be placed to the specified depth below the pipe and tamped to a minimum of 90% of maximum laboratory density

as determined in accordance with AASHTO T 99. Following placement of pipe, additional bedding material shall be placed and consolidated under the haunches of the pipe. Special tools shall be required to work the material into place and leave no voids beneath the pipe. The bedding material shall be tamped along the spring line (or along the top of the bedding material as indicated) of the pipe to sufficiently compact the material insofar as practical.

The Engineer may direct additional moisture be added to the bedding material to aid in the compaction effort. Mechanical tampers may be employed to aid the process. Depending on the particular bedding required, additional bedding shall be added and tamped to minimum of 90% of maximum laboratory density, with AASHTO T-99.

3. Select Backfill: Select backfill shall be placed in 6 inch lifts and tamped to a minimum laboratory density with AASHTO T-99. Overall depth of the select backfill shall be as directed by the Engineer.

4. Normal Condition Bedding: Under normal conditions the trench bottom shall be undisturbed earth shaped to the specified line, grad, and cross section with proper bell holes at each joint to insure the pipe barrel lies flat on trench bottom. The bedding material will be selected native materials excavated from the trench and placed in two lifts. The first lift being placed up to the spring line of the pipe and extending out to the trench walls and hand tamped to a minimum of 90% of maximum laboratory density. Special care shall be used in placing and tamping bedding to insure no voids under the haunches of the pipe. The second lift shall extend to approximately 6" above pipe (Material permitting) and hand tamped to 90% density.

5. Backfilling: Upon completion of placement of select material the excavated materials shall be immediately placed back into the trench. Specific requirements are:

a. Backfill requirements for road crossings, parking lots, driveways, and sidewalks shall be in accordance with Technical Specifications - RESTORATION OF ROADS, DRIVEWAYS, FENCES, LAWNS AND OTHER GRASSED AREAS AND EXCAVATION, TRENCHING AND BACKFILLING.

b. Backfill requirements for unimproved areas (pastures, wooded areas) shall consist of placement and shaping of the soil in such a manner as to allow maximum natural consolidation. No compaction of the general backfill in the unimproved areas will be required, except that caused by conventional shaping equipment.

c. No debris shall be used as backfill which has a volume in excess of one-half of one cubic foot or a weight excess of 75 pounds.

6. Sheeting Removal: Wooden sheeting or other thick sheeting or shoring members which have been driven or otherwise placed along the trench walls to an elevation below the spring line of the pipe shall be cut off at the spring line or higher and left in place.

7. Grading and Grassing: Final grading and grassing shall be in accordance with Technical Specifications - RESTORATION OF ROADS, DRIVEWAYS, FENCES, LAWNS, AND

OTHER GRASSED AREAS AND EXCAVATION, TRENCHING AND BACKFILLING.

F. PIPE HANDLING AND STORAGE: Pipe shall be handled, staked, and stored in accordance with manufacturer's printed literature. The Contractor shall provide security as required to prevent damage by vandals. PVC pipe shall be shaded from sunlight for extended lengths of time. Pipe damaged during storage and handling shall be rejected.

G. PIPE LAYING: Each pipe shall be laid true to line and grade and in such manner as to form a close concentric joint with the adjoining pipe and to prevent sudden offsets of the flow line. As the work progresses, the interior of the water shall be cleared of all dirt and superfluous materials of every description. Where cleaning after laying is difficult because of small pipe size, a suitable swab or drag shall be kept in the pipe and pulled forward past each joint immediately after the jointing has been completed. Trenches shall be kept free of water and pipe shall not be laid when the condition of the trench or the weather is unsuitable for such work. At times when work is not in progress, open ends of pipe and fittings shall be securely and satisfactorily closed so that no trench water earth, or other substance will enter the pipe or fittings. The minimum depth of water mains shall be 30 inches below finished grade to the top of the water main.

Pipe laying shall be performed in such a manner that no foreign material enters the pipe. The Engineer may require that before lowering pipe, heavy canvas bags be placed over each end, and left in place until joints are ready to be made. If water is in the trench, the seals shall remain in place until the trench is pumped completely dry. If conditions are unsuitable, no pipe shall be laid until satisfactory laying conditions are obtained in accordance with the above specified requirements.

H. PIPE JOINTING: Piping shall be jointed in accordance with the manufacturer's printed recommendations. Gaskets shall be firmly set within the bells and grooves as required. The manufacturer's recommended lubricant or an approved equal shall be applied for slip type joints.

Ductile Iron Pipe Joint Construction: The installation and jointing of ductile iron pipe shall generally conform to the applicable provisions of AWWA Standard Specifications C-600 for pipe laying.

Where mechanical joint pipe is used, the surfaces which come in contact with the gasket shall be thoroughly brushed with a wire brush just prior to assembly. The gasket should be brushed with soapy water prior to installation to remove loose dirt and to lubricate gasket as it is forced into its retaining space. When tightening bolts, it is essential that the gland be brought up toward the pipe flange evenly. The bolts should be partially tightened; the bottom bolt first, then the top; next the bolts on either side; and last, the remaining bolts. Overstressing of bolts to compensate for poor installation will not be permitted. Bolt torque shall be in accordance with manufacturer's specifications.

All joints of whatever type shall be completely water tight after being subjected to the required tests.

I. BORINGS: Borings shall be accomplished in accordance with Mississippi Department of Transportation Standards. The contractor shall provide all necessary sheeting, bracing, cribbing, supports and appurtenances to insure the proper line and grade throughout the entire length of the crossing.

1. Casing Pipe: Casing Pipe shall be installed as indicated on the Contract Drawings. Joints shall be completely welded to provide structural integrity and shall be watertight.

2. Carrier Pipe: Carrier pipe may be any of the allowed options of piping. However, the piping and joints shall be capable of withstanding the stress exerted by pushing the pipe within the casing.

3. Carrier Pipe Supports: Supports for the carrier pipe shall be as recommended by the manufacturer for such installation. Supports shall be spaced to adequately support the piping under all conditions.

4. Casing Seal: The annulus between the casing and carrier pipe shall be sealed at each end by installing WMSON Type U end seals, as manufactured by T.D. Williamson, Inc. Tulsa, Oklahoma, or equal, in accordance with the instructions of the manufacturer of the seals.

J. Separation of Water and Sewer Mains:

1. Water mains shall be laid at least 10 feet horizontally and 18 inches vertically from any sanitary sewer or manhole. The bottom of the water line shall be a minimum of 18 inches from the top of the sewer line.

K. INCIDENTAL CONCRETE:

1. GENERAL: The following specifications shall apply to any and all items of incidental work with Portland Cement with or without reinforcement, including such items as concrete piers to support cast iron pipe above ground, erosion control bulkheads or structures, cradles and encasement, blocking and the like.

All concrete used in the construction of this project shall comply with the requirements herein specified for its particular class and kind.

2. MATERIALS: All materials used in this work shall consist of (a) Portland Cement, (b) Sand, (c) Gravel, and (d) Clean Water.

(a) The cement used shall be domestic manufacture, either "Standard" or "high Early Strength" Portland Cement, which shall meet all the requirements of the current A.S.T.M. Specifications for the type used at the time it is incorporated in the work.

(b) The fine aggregate shall consist of clean, sharp sand, well graded from coarse to fine, consisting of hard, durable particles, free from coarse to fine, consisting of hard, durable particles, free from silt, salt or organic matter. It shall meet all the requirements of the ASTM

Specifications C33, Paragraph 1, 2 and 3, and ASTM C-40.

(c) The coarse aggregate used shall consist of clean washed gravel, free from particles of wood or lumps of clay. Not more than 10% shall pass the No. 4 sieve, and it shall conform with the requirements of ASTM Specifications C33, Paragraph 5 to 8 inclusive.

(d) The water used for mixing concrete shall be clear, free from oil, salt, strong acid, alkali organic matter, and shall be approved by the Engineer.

(e) Reinforcing steel shall conform to the requirements of the "Standard Specifications for Billet-Steel Concrete Reinforcing Bars" of intermediate grade (Serial Designation: A 15-39) or the Standard Specifications for Rail-Steel Concrete Reinforcement Bars (Serial Designation; A-16-35) of the American Society for Testing Materials.

3. CONSTRUCTION METHODS:

All concrete materials shall be as handled and stored that they will not become damaged after delivery at the site. The cement shall be thoroughly protected from the weather, and the sand and gravel, shall be so stored that they will not become intermixed, and so as to prevent the admixture with either of any foreign materials. Reinforcing steel shall be so stored that it will not come in contact with the ground, shall be protected from the weather, and shall be clean and free from rust when incorporated in the work.

Concrete materials shall be mixed in the proportions and in a manner that will produce concrete of the class and strength specified to its use.

Unless indicated otherwise, all concrete shall be Class A which shall have a crushing strength of not less than 3,000 pounds per square inch at 28 days, as determined by the Standard Methods for testing concrete materials.

Class B concrete, which shall have a crushing strength of not less than 2,500 pounds per square inch at 28 days, and shall be used for erosion control bulkheads and blocking pipelines at bends to prevent blowing off under pressure.

Class C concrete, which shall have a crushing strength of not less than 2,000 pounds per square inch at 28 days, shall be used for cradles and encasement and may be used for backfill below grade.

After concrete has been properly mixed, it shall be deposited in the forms in reasonably uniform layers and in such manner as to prevent segregation of the aggregates. It shall be thoroughly spaded or puddled while being placed to insure maximum density and prevent honey-combing.

No concrete shall be deposited when the air temperature is less than 40 degrees F. No material shall be deposited on a frozen sub-grade, nor shall any frozen moisture or material be incorporated into the mixture.

No concrete shall be placed in water, nor shall water be permitted to rise on it or to run over it within a period of 24 hours after it has been placed.

Unsatisfactory concrete, resulting from failure to observe the above requirements or otherwise, shall be removed and replaced as directed by the Engineer.

4. COMPENSATION:

Payment for all concrete, except as may be elsewhere herein provided, shall be included in the prices bid for the construction units with which it is placed and no separate or extra compensation will be allowed directly therefore.

6.0 TESTING

DUCTILE IRON PIPE:

A. Field Inspection: The Engineer shall perform visual inspection of the material prior to placement by the Contractor. The Engineer may make non-destructive tests to determine the soundness of the pipe. The Contractor shall assist the Engineer in handling and moving the pipe as required.

B. Material Test: Material test shall be conducted during the manufacturing process and the results shall be included as part of the submittals. No other material test shall be required.

STEEL CASING PIPE: Material test shall be included as part of the submittal. No other material test shall be required.

COMPACTION TESTS: Compaction tests shall be performed in accordance with AASHTO T191 and ASTM D 2922. Maximum compaction shall be determined in accordance with AASHTO T99.

CONTRACTOR shall establish a compaction method or pattern which results in the proper density for the material utilized in the backfill operation. CONTRACTOR shall verify the compaction method by testing each lift for density in the first run of pipe to be laid. Upon satisfactory performance and approval of the ENGINEER the established compaction method shall be used for compaction of each lift of similar material.

The CONTRACTOR shall provide additional density testing to verify the compaction effort; twice in random locations as selected by the ENGINEER every 1,500 linear feet of pipe, if there is a change in material, or if in the sole opinion of the ENGINEER the compaction effort is not yielding the proper results.

(Number of Compaction Tests)

AASHTO T-99 Select Backfill Material OR Stabilization Material	AASHTO T-191 or ASTM D 2922	
	1	One per 100 CY
Bedding Material	2	One per 600 LF
Tamped Backfill	2	One per 600 LF

HYDROSTATIC TESTING:

The completed system shall be tested as herein stated. The pipe shall be filled with water and all air exhausted. Each section shall be tested under a hydrostatic pressure of 150 pounds per square inch and shall not show leakage exceeding 10 gallons per inch of diameter per mile of pipe per 24 hours when so tested. Whatever shall be measured into a container and refilled to the pre-test level. The pressure shall be maintained for 4 hours by pumping as necessary, and if the pipe has been backfilled, a 24-hour test is required.

All visible leaks at exposed joints and all leaks evident on the surface where joints are covered shall be repaired, and leakage eliminated, regardless of total leakage shown by the tests. Lines which fail to meet tests shall be removed, if necessary, or repaired and retested until compliance with these test requirements is affected.

These tests are to be made at the Contractor's expense, and he is to provide all necessary fittings, equipment, appliances, and any other necessary items to conduct the tests in a manner satisfactory to the Engineer. All costs incidental to conducting these tests are to be included in the prices bid for the various items of construction as no separate or extra compensation is to be allowed therefore.

CLEANING AND DISINFECTION:

Before each section of work is placed in service, it shall be thoroughly flushed to remove any dirt or other foreign material from inside the lines; and the inside of the lines shall be disinfected by pumping into and through them as solution of chlorine of 50mg/l for 24 hours in such manner as to meet the requirements of the State Board of Health.

At least two (2) samples of chlorine free water, taken from each section shall be submitted to the State Board of Health for examination to determine if the system is free from organisms of the

Coli-Aerogenes group. If such samples are not negative from organisms of the Coli-Aerogenes group, the system shall be disinfected and re-disinfected in a manner meeting the requirements of the State Board of Health, until the system is freed of contamination.

All water mains will be flushed, chlorinated and re-chlorinated until two (2) consecutive negative water samples are obtained by the Local Health Department or a representative of the water systems certified as an operator by the Mississippi Department of Health.

The CONTRACTOR shall be responsible for the conduct of all of the above defined activities, and any and all costs incident thereto shall be included in the prices bid for the various items of construction as no separate or extra compensation is to be allowed therefore.

EXISTING DRINKING WATER FACILITIES

The Contractor is required to keep existing drinking water facilities in operation during construction. Should the Contractor require that existing facilities be taken out of operation, a plan to provide for alternative service shall be reviewed and approved in advance by the Health Department and shall be adhered to during construction.

FIRE HYDRANT

1.0 General

Fire hydrants shall comply in all respects with AWWA Standard C-502, latest revision, and shall be M & H or approved equal. Fire hydrants shall be of the compression type with the main valve opening against the pressure and closing with the pressure. The main valve opening shall be 4-1/2", 5-1/4", or 6-1/4" in diameter. Fire hydrant shall be of a dry barrel, dry top design. The main valve on the hydrant shall remain closed should the hydrant nozzle section be broken off by a traffic accident. The nozzle section shall consist of two (2) hose nozzles and one (1) pumper nozzle or other, as specified.

2.0 Rating

Fire hydrants shall be rated at 150 psi water working pressure, tested at 300 pounds hydrostatic for structural soundness in the following manner: 300 pounds hydrostatic test supplied from the inlet side, first with the main valve closed for the testing of the valve seat; second, with the main valve open for testing of the drain valves and the hydrant barrel. Testing is to be completed in accordance with AWWA C-502.

3.0 End Configurations

Hydrants shall be connected to the main by a 4", 6", or 8" mechanical joint, flange shoe, A.C., or hub shoe. Mechanical joint shoes, A.C., and hub shoes shall be fitted with strapping lugs.

4.0 Design

- 4.1 The main valve seat of the hydrant shall be made of rubber and be supported by a one-piece bronze top plate and drain valve mechanism and bottom plate. The bottom stem threads of the main valve rod shall be fitted with a cast iron cap nut (epoxy coated, optional) suitable for sealing the threads from the water. Drain valves shall be faced with rubber.
- 4.2 Changes in size or shape of the waterway shall be accomplished by means of easy curves. Exclusive of the main valve opening, the net area of the waterway of the barrel and the foot piece at the smallest part shall not be less than one hundred twenty percent (120%) of that of the net opening of the main valve.
- 4.3 Hose and steamer nozzles shall be threaded and screwed into the nozzle section and then pinned to prevent turning.
- 4.4 The hydrant shall be so designed that when it is in place, no excavation will be required to remove the main valve and moveable parts of the drain valve. Further, the hydrants shall be of the type that can be extended without excavating. Hydrants shall be so designed that, in the event of accident or breaking of the hydrant above or near grade level, the main valve will remain closed. The main

valve rod shall be made in two parts and fitted with breakable feature at the ground line flange.

- 4.5** The ground line connection between nozzle section and the barrel shall incorporate the use of eight (8) breakable bolts. This connection shall be so designed that the nozzle section can be rotated in increments of forty-five (45) degrees. The ground line connection between the barrel and nozzle section shall be gasketed to provide a seal.
- 4.6** The operating threads of the hydrant shall be so designed as to avoid the working of any iron or steel parts against either iron or steel. The operating stem and operating nut threads shall be square or acme type.
- 4.7** The operating thread shall be grease lubricated at the factory. Access shall be provided to field lubricate the operating mechanism.
- 4.8** The operating thread shall be sealed from water at all items when the valve is either in the opened or closed position. The operating rod shall be bronze sheathed where it passes through the double “O” ring seal plate.
- 4.9** The bonnet shall be weather proof.
- 4.10** The operating nut shall be of bronze and a self-lubricating, anti-friction thrust bearing shall be provided to reduce operating torque.
- 4.11** Hydrants shall be of the dry type and hydrant shoe shall have two positive acting non-corrodible drain valves that shall drain the hydrant completely by opening when the main valve is closed and close tightly in accordance with AWWA C-500 requirements when the valve is open. The main valve assembly shall be seated in the hydrant (with a bronze-to-bronze interface as an option) to facilitate removal of the main valve should maintenance be required. The nozzle section shall consist of two 2” hose nozzles to the specified thread designation (NST or other, as specified) and one pumper nozzle 4-1/2” in diameter to the specified thread designation (NST or other, as specified) or other combination of nozzle outlets including independent hose gate valves as specified.
- 4.12** Two “O” ring seals shall be utilized where the main hydrant rod passes through the seal plate.
- 4.13** Hydrant standpipe shall be ductile or cast iron and single piece for all bury depths.
- 4.14** All like parts of hydrants of the same size and model produced by the same manufacturer shall be interchangeable.
- 4.15** Hydrant shall open by turning to the left.

- 4.16** Threads or hose and streamer nozzles shall be national standard unless otherwise specified.
- 4.17** Auxiliary shut-off (isolation) gate valves, when required, shall be of the same manufacture as the hydrant.
- 4.18** The inside of all hydrants shall be coated in accordance with AWWA standards and federal specification TT-C-494A or equal except for bronze and machined surfaces. Exterior of hydrant shall be painted fire hydrant yellow (or as specified). (The wetted surface of the hydrant shoe shall be epoxy coated to prevent corrosion of the waterway, optional.)

5.0 **Markings**

Hydrant shall be marked with the name of the manufacturer, size of valve opening, and the year of manufacture, all in accordance with AWWA C-502.

Sewer/Water Utility – Trace Wire Specification

1.0 General

All trace wire shall have HDPE insulation intended for direct bury, color coated per APWA standard for the specific utility being marked. THHN is prohibited from use in the tracer wire system.

All trace wire, test stations and accessories shall be supplied by a single manufacturer and domestically made in the USA.

All tracer wire and accessories shall be installed per plan details and per manufacturers recommended installation methods. All wire and connectors shall be rated for direct bury applications.

2.0 Materials

Copper Clad Steel (CCS) Trace Wire

Open Trench – 12 Gauge Copper Clad Steel with a Break Load of 452 pounds

Directional Drilling - 12 Gauge Copper Clad Steel with a Break Load of 1,150 pounds

Connectors

2-Way Splice Connector with Strain Relief

3-Way Connector

Termination/Access/Test Stations

Non-Roadway: Equal to Copperhead LD14TP

Concrete / Driveway: Equal to Copperhead CD14TP

Roadway: Equal to Copperhead RB14TP

Fire Hydrant: Equal to Copperhead T2-FLPKG

Grounding

Magnesium Anode: Equal to Copperhead ANO-12

3.0 Testing

All new trace wire installations shall be located using typical low frequency (512Hz) line tracing equipment, witnessed by the contractor, engineer and facility owner as applicable, prior to acceptance of ownership.

This verification shall be performed upon completion of rough grading and again prior to final acceptance of the project. Continuity testing in lieu of actual line tracing shall not be accepted.

4.0 Connectors

All mainline trace wires must be interconnected in intersections, at mainline tees and mainline crosses. At tees, the three wires shall be joined using a single 3-way lockable connector.

Connectors shall be dielectric silicon filled to seal out moisture and corrosion, and shall be installed in a manner so as to prevent any uninsulated wire exposure.

Non-locking friction fit, twist on or taped connectors are prohibited.

5.0 Termination/Access/Test Stations

All trace wire termination points must utilize an approved tracer wire access box, specifically manufactured for this purpose or as detailed on the plans

All grade level/in-ground access boxes shall be appropriately identified with “sewer” or “water” cast into the cap and be color coded (blue – water / green – sewer).

Test stations at dead ends shall be two-terminal.

Test stations in between dead ends shall be single terminal.

A minimum of 2 ft. of excess/slack wire is required in all trace wire access boxes after meeting final elevation.

Grounding anode wire shall be connected to the identified (or bottom) terminal on all access boxes.

Hydrants – Trace wire must terminate at an approved above-ground trace wire access box, properly affixed to the hydrant grade flange.

6.0 Grounding

Trace wire must be properly grounded at all dead ends/stubs.

Grounding of trace wire shall be achieved by use of a drive-in magnesium grounding anode rod with a minimum of 20ft of #12 red HDPE insulated copper clad steel wire connected to anode specifically manufactured for this purpose, and buried at the same elevation as the utility. Where the anode wire will be connected to a trace wire access box, a minimum of 2 ft. of excess/slack wire is required after meeting final elevation.

7.0 Sanitary Sewer System

A mainline trace wire must be installed, with all service lateral trace wires properly connected to the mainline trace wire, to ensure full tracing/locating capabilities from a single connection point.

Lay mainline trace wire continuously, by-passing around the outside of manholes/structures on the North or East side.

Trace wire on all sanitary service laterals must terminate at the cleanout and located directly above the service lateral at the edge of road right of way as detailed in the plans.

8.0 Water System

A mainline trace wire must be installed, with all service lateral trace wires properly connected to the mainline trace wire, to ensure full tracing/locating capabilities from a single connection point.

Lay mainline trace wire continuously, by-passing around the outside of valves and fittings on the North or East side.

Trace wire on all water service laterals must terminate at an approved trace wire access box color coded blue and located directly above the service lateral at the edge of road right of way.

Above-ground tracer wire access boxes will be installed on all fire hydrants.

All conductive and non-conductive service lines shall include tracer wire.

9.0 Installation

Trace wire systems must be installed as a single continuous wire, except where using approved connectors. No looping or coiling of wire is allowed.

Trace wire shall be installed at the bottom half of the pipe and secured (taped/tied) at 5' intervals.

Trace wire on all service laterals/stubs must terminate directly above the utility, at the edge of the road right-of-way, but out of the roadway.

At all mainline dead-ends, trace wire shall go to ground using an approved connection to a drive-in magnesium grounding anode rod, buried at the same depth as the trace wire.

Mainline trace wire shall not be connected to existing conductive pipes. Treat as a mainline dead-end, ground using an approved waterproof connection to a grounding anode buried at the same depth as the trace wire.

All service lateral trace wires shall be a single wire, connected to the mainline trace wire using a mainline to lateral 3-way connector, installed without cutting/splicing the mainline trace wire.

In occurrences where an existing trace wire is encountered on an existing utility that is being extended or tied into, the new trace wire and existing trace wire shall be connected using approved splice connectors, and shall be properly grounded at the splice location as specified.

Trace wire on all water service laterals must terminate at an approved trace wire access box color coded blue and located directly above the service lateral at the edge of road right of way.

Above-ground tracer wire access boxes will be installed on all fire hydrants.

All conductive and non-conductive service lines shall include tracer wire.



City of Hattiesburg, MS

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

Master

File Number: 2018-397

File ID: 2018-397

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 04/10/2018

Brief Title: Acknowledge receipt of Permanent Easement for Part of Lot 409 of Westover Fourth Addition Subdivision, Lamar County Tax Parcel No. 051G-01-355.000 for the COMSWIP Sewer Phase V project.

Final Action:

Minute Book Number: MB2018-108

Title:

Acknowledge receipt of Permanent Easement for Part of Lot 409 of Westover Fourth Addition Subdivision, Lamar County Tax Parcel No. 051G-01-355.000 for the COMSWIP Sewer Phase V project.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: VI.-7

Sponsors:

Enactment Date:

Attachments: Martin Easement.1

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018					

Text of Legislative File 2018-397

Title

Acknowledge receipt of Permanent Easement for Part of Lot 409 of Westover Fourth Addition Subdivision, Lamar County Tax Parcel No. 051G-01-355.000 for the COMSWIP Sewer Phase V project.

Summary

Acknowledge receipt of Permanent Easement for Part of Lot 409 of Westover Fourth Addition

Subdivision, Lamar County Tax Parcel No. 051G-01-355.000 for the COMSWIP Sewer Phase V project.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Grantee, prepared by and return to:

City of Hattiesburg

Department of Public Services

P. O. Box 1898

Hattiesburg, MS 39403-1898

Phone: (601) 545-4540

Account No.

Grantor Address:

Scott H. Martin and Jamie Martin

514 Southern Ave.

Hattiesburg, MS 39401

Phone:

Business No.

PERMANENT EASEMENT

**INDEXING INSTRUCTIONS: PART OF LOT 409 OF WESTOVER FOURTH
ADDITION SUBDIVISION, COUNTY OF
LAMAR, STATE OF MISSISSIPPI.**

Initial SM, JM

Shows, Dearman and Waits, Inc.
Consulting Engineers
Project No.: COMSWIP Sewer Project Phase V
County Tax Parcel No.: 051G-01-355.000

THE STATE OF MISSISSIPPI
COUNTY OF LAMAR
CITY OF HATTIESBURG

For and in consideration of good and valuable considerations, including the benefits to be derived herefrom, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, hereby grant, bargain, sell, and convey a Permanent Easement unto the City of Hattiesburg, Mississippi, a municipal corporation, through, over, on and across the following described real property located in the City of Hattiesburg, County of Lamar, State of Mississippi:

A 20.00 foot wide Utility Easement being described as being a part of Lot 409 of Westover Fourth Addition Subdivision, County of Lamar, State of Mississippi as per Map or Plat thereof on file in the Office of the Chancery Clerk of said Lamar County, and being more particularly described as Commencing at a ¾ Inch Crimp Top Pin representing the Southeast Corner of said Lot 409 and a Point on the West Right of Way Line of Pecan Grove Drive, a paved public roadway, thence run N00°09'29"W along said West Right of Way Line for 103.89 feet to a ½ Inch Rebar representing the Point of Beginning; thence run S88°47'56"W for 55.09 feet to a Point on the North Line of said Lot 409 and a Point in a Tributary of Mixon's Creek (Witness Corner: from the Point of Beginning, run S88°47'56"W for 38.56 feet to a ½ Inch Rebar), thence run N62°20'00"E along said North Lot Line for 44.88 feet, thence run N88°47'56"E for 15.28 feet to a Point on said West Right of Way Line and a Point in said Tributary, thence run S00°09'29"E along said West Right of Way Line for 20.00 feet to the Point of Beginning, comprising 0.02 Acres (704 Square Feet), more or less.

See Exhibit "A"

The Grantee herein is given full rights to do whatever may be necessary and proper for the enjoyment of the rights granted herein, including the right of ingress and egress and the right to clear said easement of selected vegetation such as shrubs, trees, and other vegetation, change of grade, installation and/or removal of pavements and any

Initial SMJM

Scott H. Martin and Jamie Martin
County Tax Parcel No.: 051G-01-355.000

other structure named herein or otherwise as may be necessary. Grantee will restore any damage caused by this action.

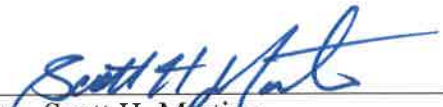
The grantor herein further warrants that the above described property is no part of their homestead

This conveyance is made subject to any outstanding oil, gas or mineral leases and/or royalty transfers or prior reservations.

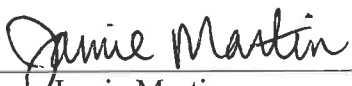
The conveyance shall be subject to any and all easements and right-of-ways of record.

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

Witness our signatures, this the 27th day of March, 2018.

Signature: 

Print Name: Scott H. Martin

Signature: 

Print Name: Jamie Martin

Initial SM JM

Scott H. Martin and Jamie Martin
County Tax Parcel No.: 051G-01-355.000

STATE OF MISSISSIPPI

COUNTY OF Forrest

Personally appeared before me, the undersigned authority in and for the said County and State, on this 27th day of March, 2018, within my jurisdiction, the within named **Scott H. Martin**, who acknowledged before me that he signed, executed and delivered the above and foregoing instrument on the day and year therein as his own free and voluntary act and deed.



Jeanette Weathers
NOTARY PUBLIC

STATE OF MISSISSIPPI

COUNTY OF Forrest

Personally appeared before me, the undersigned authority in and for the said County and State, on this 27th day of March, 2018, within my jurisdiction, the within named **Jamie Martin**, who acknowledged before me that she signed, executed and delivered the above and foregoing instrument on the day and year therein as her own free and voluntary act and deed.



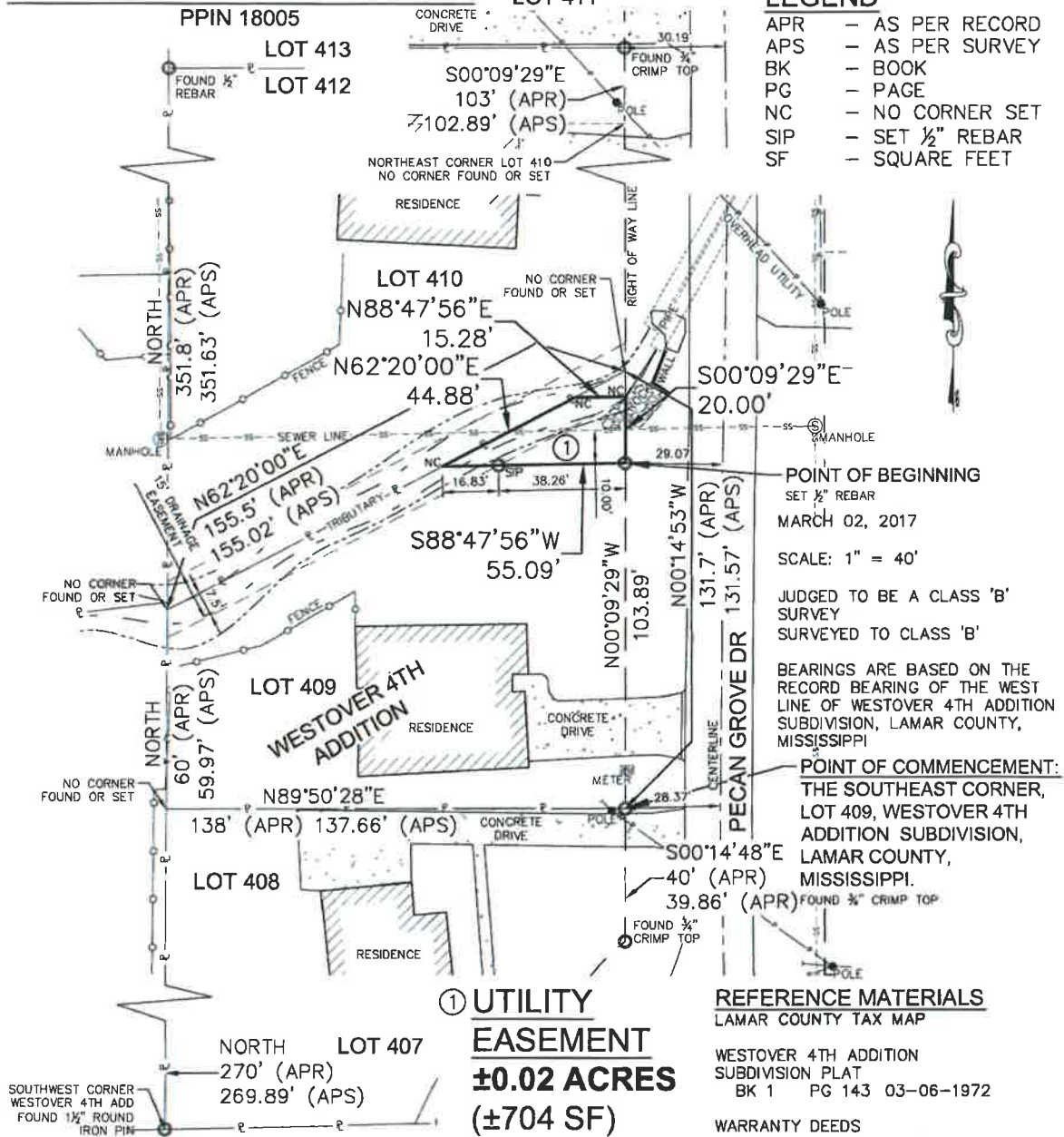
Jeanette Weathers
NOTARY PUBLIC

Initial SM JM

Scott H. Martin and Jamie Martin
County Tax Parcel No.: 051G-01-355.000

LEGEND

APR - AS PER RECORD
APS - AS PER SURVEY
BK - BOOK
PG - PAGE
NC - NO CORNER SET
SIP - SET 1/2" REBAR
SF - SQUARE FEET



State of Mississippi, County of Lamar

This is Certify that I have made a survey of the following described parcel.

A 20.00 foot wide Utility Easement being described as being a part of Lot 409 of Westover Fourth Addition Subdivision, County of Lamar, State of Mississippi as per Map or Plat thereof on file in the Office of the Chancery Clerk of said Lamar County, and being more particularly described as Commencing at a 3/4 Inch Crimp Top Pin representing the Southeast Corner of said Lot 409 and a Point on the West Right of Way Line of Pecan Grove Drive, a paved public roadway, thence run N00°09'29"W along said West Right of Way Line for 103.89 feet to a 1/2 Inch Rebar representing the Point of Beginning; thence run S88°47'56"W for 55.09 feet to a Point on the North Line of said Lot 409 and a Point in a Tributary of Nixon's Creek (Witness Corner: from the Point of Beginning, run S88°47'56"W for 38.56 feet to a 1/2 Inch Rebar), thence run N62°20'00"E along said North Lot Line for 44.88 feet, thence run N88°47'56"E for 15.28 feet to a Point on said West Right of Way Line and a Point in said Tributary, thence run S00°09'29"E along said West Right of Way Line for 20.00 feet to the Point of Beginning, comprising 0.02 Acres (704 Square Feet), more or less.



City of Hattiesburg, MS

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

Master

File Number: 2018-386

File ID: 2018-386

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 04/09/2018

Brief Title: Approve Plans and Specifications for the Barkley Road Bridge Replacement Project; Authorize Advertisement for bids for same.

Final Action:

Minute Book Number: MB2018-108

Title:

Approve Plans and Specifications for the Barkley Road Bridge Replacement Project; Authorize Advertisement for bids for same.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: VI.-8

Sponsors:

Enactment Date:

Attachments: Advertisement for Bids, 11266 plans_Street Ready Set_Signed_2018-04-06, 11266_Specs_Street Ready_2018_04-06, executed Advertisement for Bids for Barkley Road Bridge Replacement Project

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018					

Text of Legislative File 2018-386

Title

Approve Plans and Specifications for the Barkley Road Bridge Replacement Project; Authorize Advertisement for bids for same.

Summary

Approve Plans and Specifications for the Barkley Road Bridge Replacement Project; Authorize Advertisement for bids for same.

Budget Information

072201.7210.04

Expenditure Type

Regular Budget Item

Purchasing Item

Sealed Bid

ADVERTISEMENT FOR BIDS

NOTICE is hereby given that the City Clerk of the **City Of Hattiesburg, MISSISSIPPI**, will receive sealed bids until **10:00 A.M. on May 31, 2018** in Council Chambers at City Hall, 200 Forrest Street, Hattiesburg, MS 39401, and then at said location bids will be opened and read aloud for furnishing the City's requirements for the following:

**BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: May 31, 2018
BARKLEY ROAD BRIDGE REPAIR
BRIDGE NO. SA18-165
CITY OF HATTIESBURG**

Official bid documents can be downloaded from Central Bidding at www.centralbidding.com. Electronic bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814. All bids must be accompanied by bid security equal to 5% of the amount of the bid, in the form of a certified check, cashier's check or a bid bond written by a company properly licensed in Mississippi.

Each BID must be received sealed and marked EXACTLY as follows:

**BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: May 31, 2018
BARKLEY ROAD BRIDGE REPAIR
BRIDGE NO. SA18-165
CITY OF HATTIESBURG**

No bid may be withdrawn for a period of sixty (60) days. The lowest and best proposal received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated and Amended, and other applicable State law; but the Council reserves the right to reject any or all proposals received and to waive informalities.

PUBLISHED by Order of the Council on the 17th day of April, 2018

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
Kermas Eaton, City Clerk

Publish on April 26, 2018 and May 3, 2018
City of Hattiesburg
Return PROOF to SDW, Inc.
301 Second Avenue
Hattiesburg, MS 39401



PUBLIC UTILITIES

CABLE
COMCAST
2100 LINCOLN RD
HATTIESBURG, MS 39402
(601) 264-1188

POWER
MISSISSIPPI POWER, CO.
6356 U.S. HIGHWAY 49
HATTIESBURG, MS 39401
(601) 544-0511

TELECOMM
AT&T
P.O. BOX 1191
HATTIESBURG, MS 39401
(601) 545-6424

CSPIRE FIBER OF MS INC
1018 COLONY PARKWAY
SUITE 420
RIDGELAND, MS 39157
(601) 355-1522

SEWER
CITY OF HATTIESBURG
WATER & SEWER DEPT.
900 JAMES ST
HATTIESBURG, MS 39403
(601) 545-4530

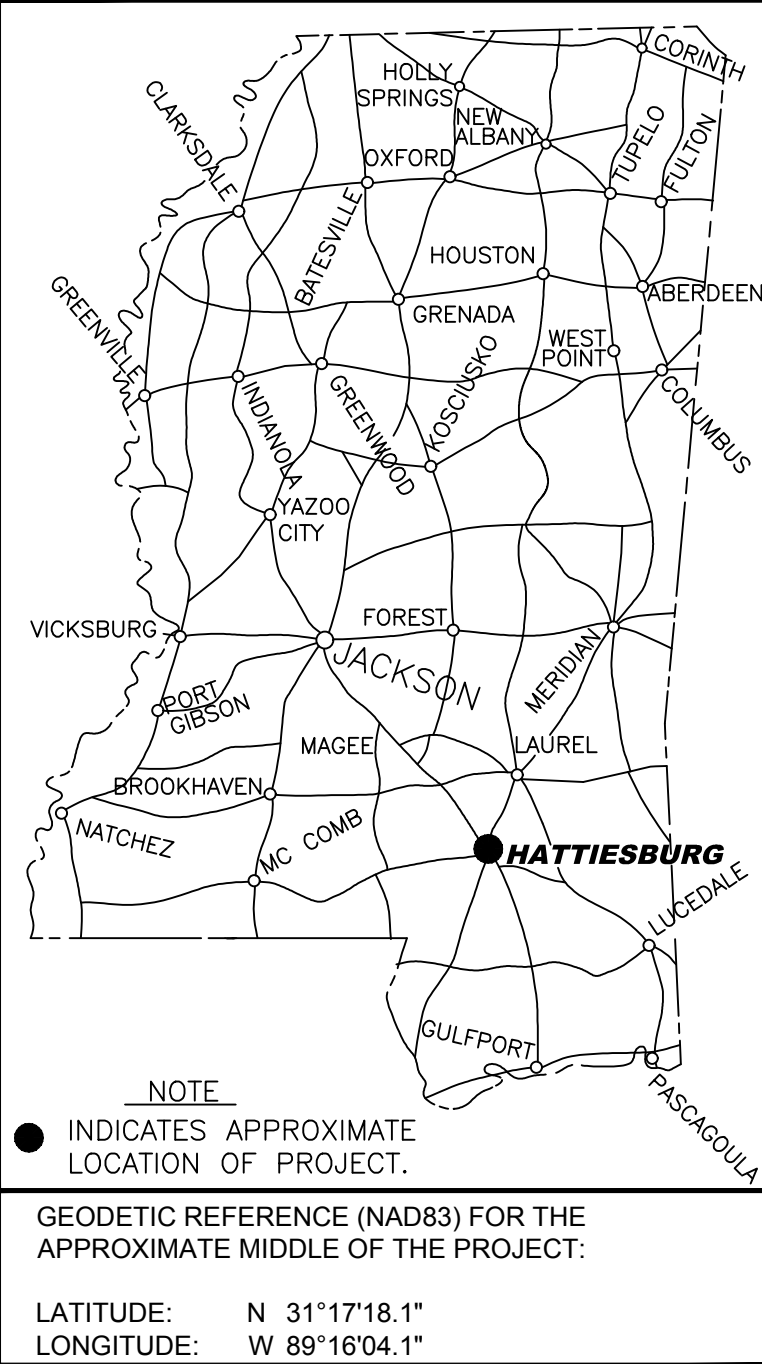
WATER
CITY OF HATTIESBURG
WATER & SEWER DEPT.
900 JAMES ST
HATTIESBURG, MS 39403
(601) 545-4530

TRAFFIC
CITY OF HATTIESBURG
TRAFFIC DEPT.
125 WALNUT ST
HATTIESBURG, MS 39401
(601) 545-4626

CONSTRUCTION PLANS

FOR

BARKLEY ROAD
BRIDGE REPAIR
BRIDGE NO. SA18-165



FOR THE

CITY OF HATTIESBURG

FORREST COUNTY
MISSISSIPPI

DETAILED INDEX

SHEET No.	DESCRIPTION
1	COVER SHEET
2	VICINITY MAP
3	TYPICAL SECTION
4	SUMMARY OF QUANTITIES
5	PLAN-PROFILE
6	BRIDGE LAYOUT
7	DETAILS AND SCHEDULES
8	TRAFFIC CONTROL PLAN
8101	TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS
8102	DETAILS OF SEDIMENT BARRIER APPLICATIONS
8103	DETAILS OF SILT FENCE INSTALLATION
8104	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS
8106	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK
8123	DETAILS OF TYPICAL DITCH TREATMENTS
8314	TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS
8358	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS
CP-01	14", 16", 18", & 20" SQUARE PRESTRESSED CONCRETE PILES
PC-01-09	ROADWAY & 26'-6" ROADWAY
PC-11-09	PRECAST CONCRETE CAPS FOR USE WITH 19 FT. & 31 FT PRECAST CONCRETE SPANS & W-BEAM RAIL 26'-6" ROADWAY
PC-15-09	BEARING PAD & PLACEMENT DETAILS FOR USE WITH 23', 24', 26.5', 28', & 30', CLEAR ROADWAYS NORMAL AND 30° SKEW SPANS
PC-15-3179(A)	PRECAST CONCRETE BRIDGE SLAB DETAILS 31'-0" SPANS -- 26'-6" CLEAR ROADWAY FOR STATE AID PROJECTS ONLY
PC-16-09	PRECAST ABUTMENT WINGWALL FOR USE WITH 19 FT. & 31 FT. PRECAST CONCRETE SPANS & W-BEAM RAIL 23 FT., 24 FT., & 26.5 FT. ROADWAYS

MAYOR

Toby Barker

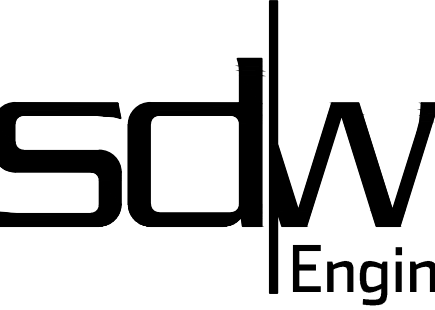
COUNCIL PERSONS

Carter Carroll, President
Mary Dryden, Vice President
Jeffrey George
Deborah Denard Delgado
Nicholas Brown

DIRECTOR OF ENGINEERING

Lamar Rutland, PE

PREPARED BY:



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

Working No. 1
Sheet No. 1
Drawing No.: 11266



Know what's below.
Call before you dig.

MISSISSIPPI 811 TICKETS	
TICKET No.	DESCRIPTION
18031215081654	BARKLEY ROAD

SPECIAL UTILITY NOTES:

- UTILITY LOCATION REQUESTS WERE SUBMITTED TO MISSISSIPPI 811 (FORMERLY MISSISSIPPI ONE CALL) DURING THE FIELD DATA COLLECTION PHASE FOR THE DESIGN OF THIS PROJECT. ALL UTILITIES THAT LOCATED DURING THE FIELD DATA COLLECTION ARE SHOWN ON THESE PLANS. ALL CONFLICTS WITH EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION SHALL BE COORDINATED WITH THE UTILITY OWNER, THE ENGINEER AND THE PROJECT OWNER PRIOR TO INSTALLATION OF THE PROPOSED WATER SYSTEM. (NO SEPARATE PAY FOR COORDINATION)
- THE CONTRACTOR SHALL DOCUMENT THE EXISTENCE OF ANY MISSING AND/OR OVERLAPPING UNDERGROUND UTILITIES AND STORM DRAINAGE NOT SHOWN ON THESE CONSTRUCTION DRAWINGS.

APRIL 2018

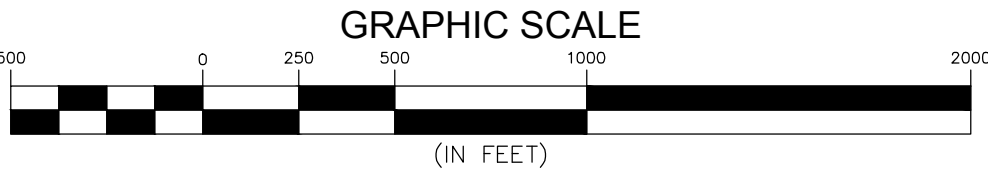


NO.	DATE	DESCRIPTION	BY

RANGE 13 WEST

TOWNSHIP 4 NORTH

PROJECT SITE



NO.	DATE	DESCRIPTION	BY

VICINITY MAP

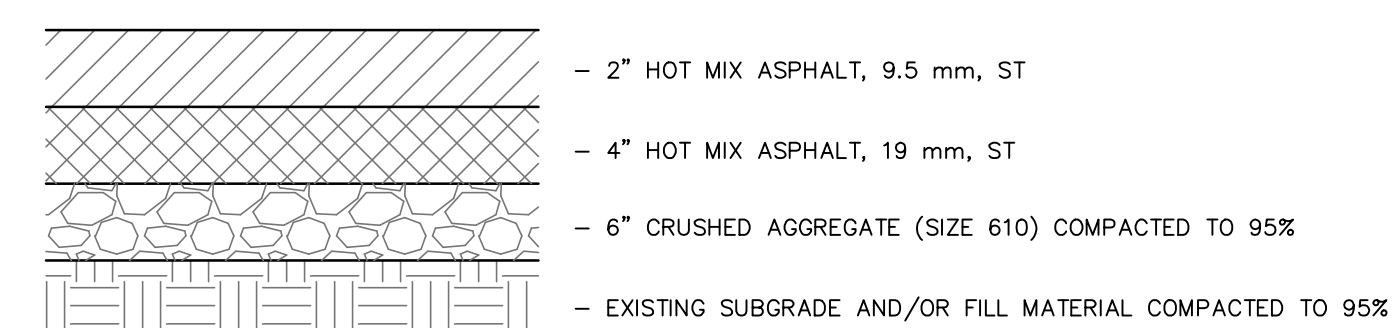
REPAIR OF BRIDGE SA18-165 ON BARKLEY ROAD
CITY OF HATTIESBURG
FORREST COUNTY, MISSISSIPPI

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

Drawn by: BT	Checked by: NMC
Date: 04/03/2018	Scale: AS SHOWN
Drawing No.: 11266	Sheet No. 2

- [illegible]

TYPICAL SECTION
STA. 65+33.48 TO STA. 65+43.48
STA. 66+05.46 TO STA. 66+15.46



NO.	DATE	DESCRIPTION		BY
TYPICAL SECTION				
REPAIR OF BRIDGE SA18-165 ON BARKLEY ROAD CITY OF HATTIESBURG FORREST COUNTY, MISSISSIPPI				
 SDW Engineering Progress				
301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com				
Drawn by: BT		Checked by: NMC		
Date: 04/03/2018		Scale: NONE		
Drawing No. 11266		Sheet No. <u>3</u>		

SUMMARY OF QUANTITIES				
PAY ITEM NO.	PAY ITEM	TOTAL QUANTITY		UNIT
		PLAN	FINAL	
ROADWAY ITEMS				
201-A	Clearing And Grubbing	Lump Sum		Lump Sum
202-B	Removal of Bridge	1		Unit
203-A	Unclassified Excavation, FM	10.0		Cu. Yd.
203-E	Borrow Excavation, LVM	17.0		Cu. Yd.
403-A	9.5-mm Mixture, ST, Asphalt Pavement	6.0		Ton
403-A	19-mm Mixture, ST, Asphalt Pavement	3.0		Ton
406-A	Cold Milling of Bituminous Pavement, All Depths	55.0		Sq. Yd.
618-A	Maintenance of Traffic	Lump Sum		Lump Sum
618-B	Additional Construction Signs	0		Sq. Ft.
620-A	Mobilization	Lump Sum		Lump Sum
EROSION CONTROL ITEMS				
225-A	Grassing	0.3		Acre
225-B	Agricultural Limestone	0.3		Ton
225-C	Mulch, Vegetative Mulch	0.6		Ton
226-A	Temporary Grassing	0.3		Acre
234-A	Temporary Silt Fence	200.0		Lin. Ft.
237-A	Wattles, 20"	200.0		Lin. Ft.
BRIDGE ITEMS				
Sta. 65+43.48, 2@31' Precast Concrete Beam Spans				
803-A	Test Pile	1		Each
803-B	Conventional Static Pile Load Test	0		Each
803-C	14" x 14" Prestressed Concrete Piling	280.0		Lin. Ft.
806-A	31' Precast Concrete Slab Units, 3'-6" Interior, Remove and Reset	12		Each
806-B	31' Precast Concrete Slab Unit, Curb, Remove and Reset	4		Each
806-H	Beam Type Railing with Concrete Posts, Remove and Reset	124.0		Lin. Ft.
806-J	29'-0" Precast Concrete Cap, End Unit, Concrete Pile	2		Each
806-M	7'-6" Precast Concrete Wing	4		Each
815-A	Loose Riprap, 300 Lb.	47.0		Ton
815-E	Geotextile under Riprap, Type V, AOS 0.21-0.43	120.0		Sq. Yd.

NOTE: SULFATES ARE NEGLIGIBLE FOR ALL CONCRETE ITEMS IN THIS SUMMARY OF QUANTITIES

NO.	DATE	DESCRIPTION	BY
SUMMARY OF QUANTITIES			
REPAIR OF BRIDGE SA18-165 ON BARKLEY ROAD			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
sdw Engineering Progress 301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by: BT		Checked by: NMC	
Date: 04/03/2018		Scale: NONE	
Drawing No.: 11266		Sheet No. 4	

Existing Utilities Conflicting With Proposed Construction To Be Adjusted By Others Prior To Construction.

Elevations Referenced to NAD83(2011)
EPOCH 2010.00 GCGC RTN Control Station
RTCM0006 (USM Campus), Hattiesburg,
Mississippi

Drainage Areas Taken From USGS
Topographic Maps.

HYDRAULIC DESIGN

"Flood Characteristics of Mississippi Streams", 1991

Current ADT (2018) = 830
Design Speed = 35 MPH

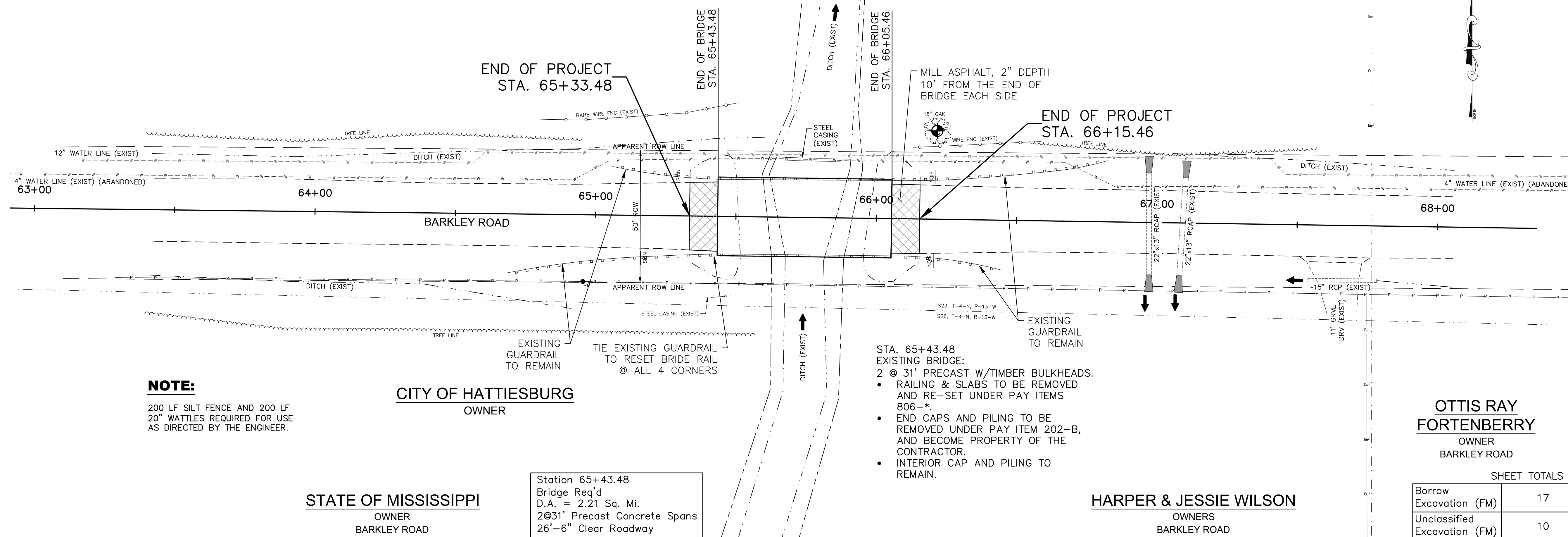
Unclassified Excavation	= 1.5
Borrow Excavation	= 1.5

Horizontal	$1'' = 20'$
Vertical	$1'' = 5'$

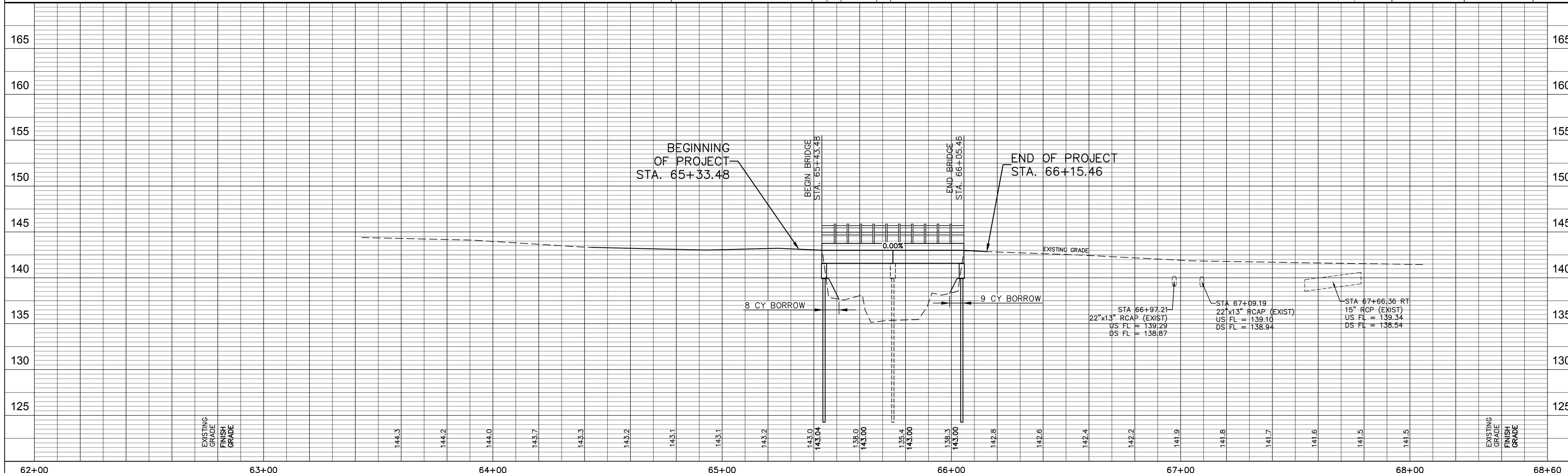
200 LF SILT FENCE AND 200 LF
20" WATTLES REQUIRED FOR USE
AS DIRECTED BY THE ENGINEER.

BENCH MARK ELEVATION 143.65
MAGNAIL W/ TAG IN 15" OAK
31.09 FT LT STA. 13+43.24

OWNER
BARKLEY ROAD

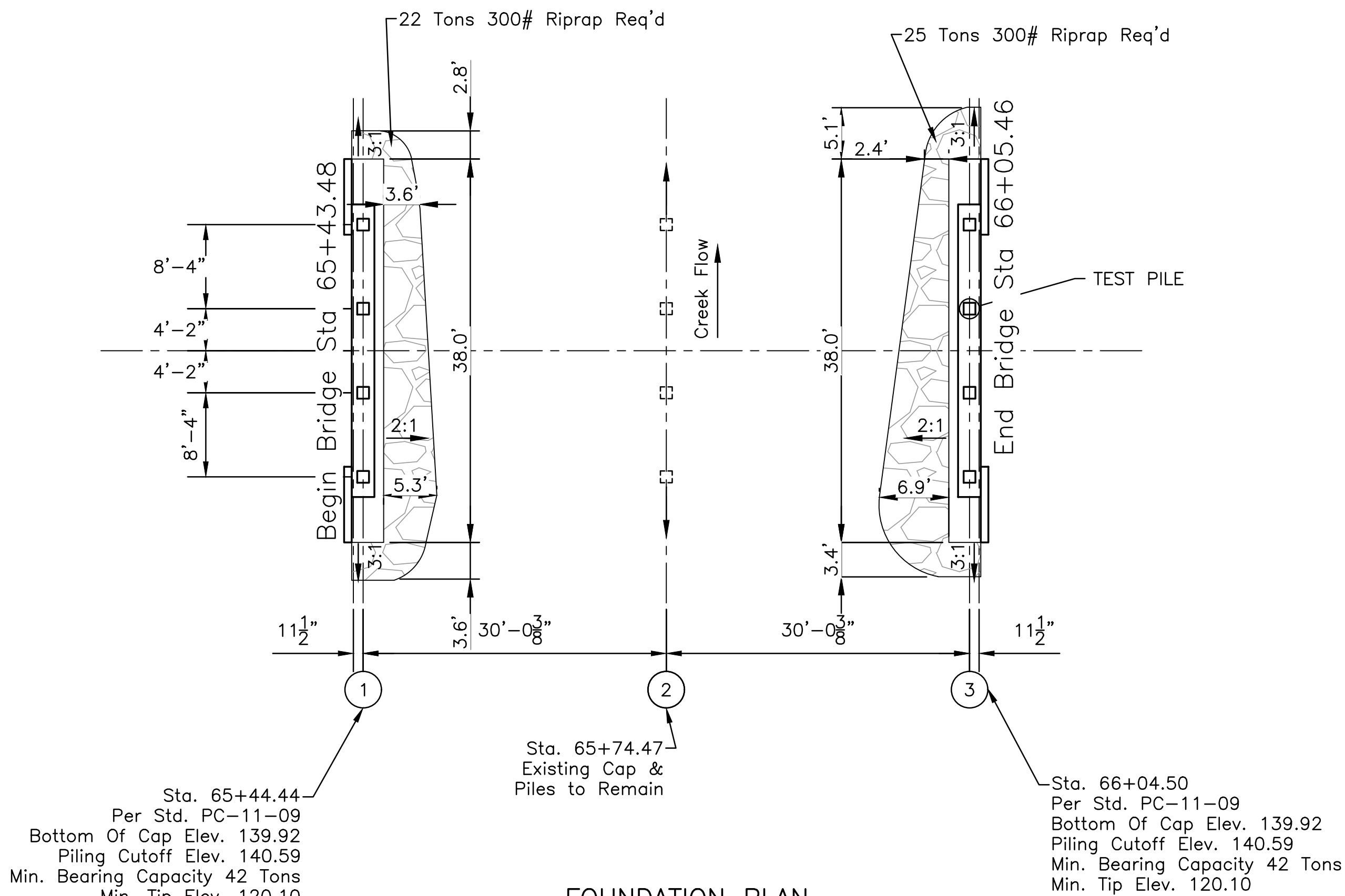


SHEET TOTALS		
Borrow Excavation (FM)	17	Cu. Yd.
Unclassified Excavation (FM)	10	Cu. Yd.

REPAIR OF BRIDGE SA18-165 ON BARKLEY ROAD
HATTIESBURG, MISSISSIPPI

			DRAWN BY: BT	 301 Second Ave. Hattiesburg, MS 39401 (601) 544.1821 (601) 544.0501 sdw.com	DRAWING NO.
			DATE: 03/28/2018		11266
			CHECKED BY: NMC		SHEET 5
DATE	REVISION	BY	SCALE: 1" = 20', 1" = 5'		

sdw Engineering Progress
301 Second Ave. | Hattiesburg, MS 39401 | (n) 601.544.1821 | (f) 601.544.0501 | sd-w.com



DRAINAGE DESIGN DATA

DRAINAGE AREA	A =	2.21	SQ. MI.
CHANNEL SLOPE	S =	20.00	FT./MI.
MAIN CHANNEL LENGTH	L =	2.70	MI.
Q25		1,111.7	CFS
Q100		1,449.9	CFS
REQUIRED OPENING		222	SQ. FT.
DESIGN OPENING		162	SQ. FT.

DESIGN DATA

SPECIFICATION ----	AASHTO 1983
LOADING -----	H-15-44
SLAB STRESS -----	Fs = 20,000 psi
	Fc = 1,600 psi
	n = 8

GENERAL NOTES:

- SPECIFICATIONS: MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2017 EDITION.
- NO UNAUTHORIZED CHANGE OF PLANS WILL BE PERMITTED.
- CONCRETE SURFACES SHALL BE FINISHED IN ACCORDANCE WITH SECTION 804.03.19 OF THE SPECIFICATIONS.
- TEST PILE DATA AND RECOMMENDED PILE LENGTHS SHALL BE SUBMITTED TO & APPROVED BY THE BRIDGE ENGINEER BEFORE DRIVING OF PILES.
- TEST PILES SHALL BE DRIVEN AS PERMANENT PILES AT LOCATIONS SHOWN ON FOUNDATION PLAN AND WILL BE PAID FOR AS TEST PILES ONLY.
- NO PAYMENT WILL BE ALLOWED FOR EXCAVATION INCIDENTAL TO CONSTRUCTION OF END BENTS OR PILE ENCASEMENTS.
- ALL WORK FOR WHICH NO PAY ITEMS ARE PROVIDED IN THE PROPOSAL WILL NOT BE PAID FOR DIRECTLY AND COMPENSATION THEREFORE WILL BE CONSIDERED INCLUDED IN THE PRICE AND PAYMENTS FOR BID ITEMS.
- TEST PILES SHALL BE DRIVEN TO A MINIMUM BEARING OF 52 TONS AND A MINIMUM TIP ELEVATION OF 105.1. IF A TEST PILING DOES NOT ACHIEVE TEST PILE BEARING WITHIN TEN FEET BELOW SPECIFIED TEST PILE MINIMUM TIP ELEVATION, THE BRIDGE ENGINEER SHALL BE NOTIFIED PRIOR TO ANY FURTHER TEST PILING BEING DRIVEN. AFTER REVIEW OF THE TEST PILE REPORT, THE BRIDGE ENGINEER WILL THEN DETERMINE WHETHER OR NOT TO REQUIRE A LOAD TEST. LOAD TESTS, WHEN REQUIRED, SHALL BE PAID FOR AS SET FORTH IN THE CONTRACT DOCUMENTS FOR THIS PROJECT.
- EXPOSURE TO SOLUBLE SULFATES IS NEGLIGIBLE.

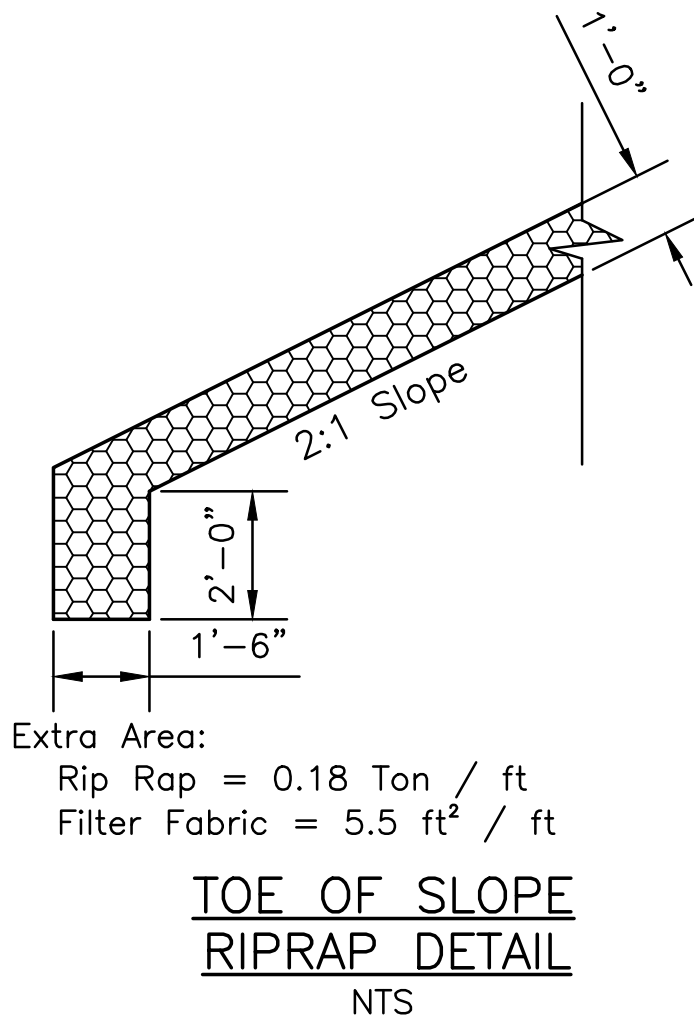
SUMMARY OF HYDRAULIC DESIGN DATA

BRIDGE	*DESIGN FLOOD YEAR (25)		*BASIC FLOOD YEAR (100)		FLOOD OF RECORD	
STATION	DISCHARGE (C.F.S.)	HEADWATER ELEVATION	DISCHARGE (C.F.S.)	HEADWATER ELEVATION	DISCHARGE (C.F.S.)	HEADWATER ELEVATION
65+43.48	1,111.7	139.9	1,449.9	140.4	N/A	N/A

ESTIMATED BRIDGE QUANTITIES

ITEM	31' SPAN CURB UNIT*	31' SPAN 3'-6" INTERIOR UNIT*	CONC. CAP END UNIT	BARRIER TYPE RAILING*	PRECAST WINGS	TEST PILES	14"x14" CONCRETE PILING	FILTER FABRIC	LOOSE RIPRAP (300#)
LOCATION	EACH	EACH	EACH	LIN. FT.	EACH	EACH	LIN. FT.	SQ. YD.	TONS
END BENTS			2		4	1	280.0	120.0	47.0
INTERIOR BENTS									
END SPANS	4	12		124.0					
INTERIOR SPANS									
TOTALS	4	12	2	124.0	4	1	280.0	120.0	47.0

* EXISTING UNITS ARE TO BE REMOVED AND RESET



NO.	DATE	DESCRIPTION	BY
BRIDGE LAYOUT			
REPAIR OF BRIDGE SA18-165 ON BARKLEY ROAD CITY OF HATTIESBURG FORREST COUNTY, MISSISSIPPI			
sdw Engineering Progress 301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by: NMC/BT		Checked by: NMC	
Date: 034/03/2018		Scale: 1" = 10'	
Drawing No.: 11266		Sheet No. 6	



ESTIMATED ASPHALT SCHEDULE				
Area	Hot Mix Asphalt 4 in. - 19mm*		Hot Mix Asphalt 2 in. - 9.5mm	
	Sq. Yd.	Ton	Sq. Yd.	Ton
Roadway				
Intersections				
Ramps (0)				
Bridge Ends	26.7	2.9	54.4	6.0
Curves				
Total	26.7	2.9	54.4	6.0

NO.	DATE	DESCRIPTION	BY
DETAILS AND SCHEDULES			
REPAIR OF BRIDGE SA18-165 ON BARKLEY ROAD CITY OF HATTIESBURG FORREST COUNTY, MISSISSIPPI			
			
301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by: BT		Checked by: NMC	
Date: 04/03/2018		Scale: NONE	
Drawing No.: 11266		Sheet No. <u>7</u>	

RANGE 13 WEST

GENERAL NOTES:

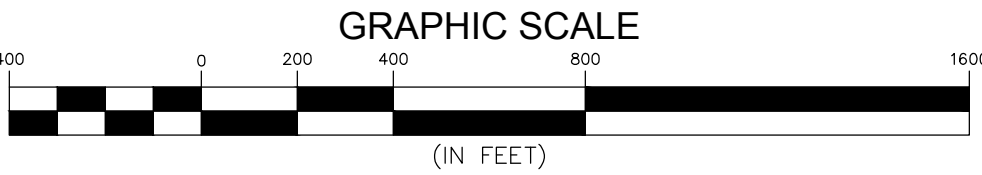
1. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED WHENEVER NECESSARY, REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED, AND BE REMOVED IMMEDIATELY THEREAFTER.
2. TRAFFIC CONTROL DEVICES SHALL CONFORM TO APPLICABLE SPECIFICATIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
3. THESE ARE MINIMUM REQUIREMENTS AND IN NO WAY RELIEVE THE CONTRACTOR OF HIS OBLIGATIONS TO MAINTAIN TRAFFIC IN A SAFE MANNER.
4. CONTRACTOR SHALL INSTALL TRAFFIC CONTROL DEVICES SUCH AS CONES, DRUMS, FLASHERS BARRICADES, SIGNS, ETC. TO SAFELY CHANNEL OR DIRECT TRAFFIC. WHEN NECESSARY, FLAGGERS SHALL BE USED IN CONJUNCTION WITH THE TRAFFIC CONTROL DEVICES. (FLAGGER AHEAD SIGNS REQUIRED IN ADVANCE OF FLAGGERS, EXCEPT DURING BRIEF PERIODS AND EMERGENCY SITUATIONS.)
5. SEE STANDARD DRAWING 6358 FOR CORRECT PLACEMENT AND INSTALLATION OF BARRICADES AND SIGNS.
6. CONTRACTOR SHALL INSTALL ADVANCE WARNING SIGNS SUCH AS WATCH FOR TRUCKS, TRUCKS CROSSING, ETC., AND PLACE FLAGGERS AS DIRECTED BY THE COUNTY ENGINEER ALONG PUBLIC ROADS ON EACH SIDE OF BORROW PIT ENTRANCES OR CROSSINGS OF PUBLIC ROADS.
7. PAY FOR INSTALLATION, MAINTENANCE AND REMOVAL OF TRAFFIC CONTROL DEVICES WILL BE MADE UNDER PAY ITEM NOS. 618-A AND 618-B
8. THE PROJECT WILL BE CLOSED TO ALL TRAFFIC DURING CONSTRUCTION.

SIGN SCHEDULE	
SIGN	DESCRIPTION
①	TYPE III BARRICADE ACROSS ENTIRE ROADWAY*
②	R11-2a ROAD CLOSED*
③	R11-3a(MOD) BRIDGE CLOSED 400 FT AHEAD LOCAL TRAFFIC ONLY
④	R11-3b(MOD) BRIDGE CLOSED 200 FT AHEAD LOCAL TRAFFIC ONLY
⑦	W20-3 ROAD CLOSED AHEAD
⑧	M4-10L
⑨	M4-9
⑩	M4-9R
⑪	M4-9L
⑫	W20-2 DETOUR AHEAD
⑬	SUPPLEMENTAL PLATE (BARKLEY ROAD)
⑭	M4-8a END DETOUR

*NOTE: TYPE III BARRICADES AND R11-2a SIGNS SHALL BE INSTALLED ACROSS THE ENTIRE ROADWAY AT ALL TIMES WHEN THERE IS NO CONSTRUCTION AT THE BRIDGE SITE



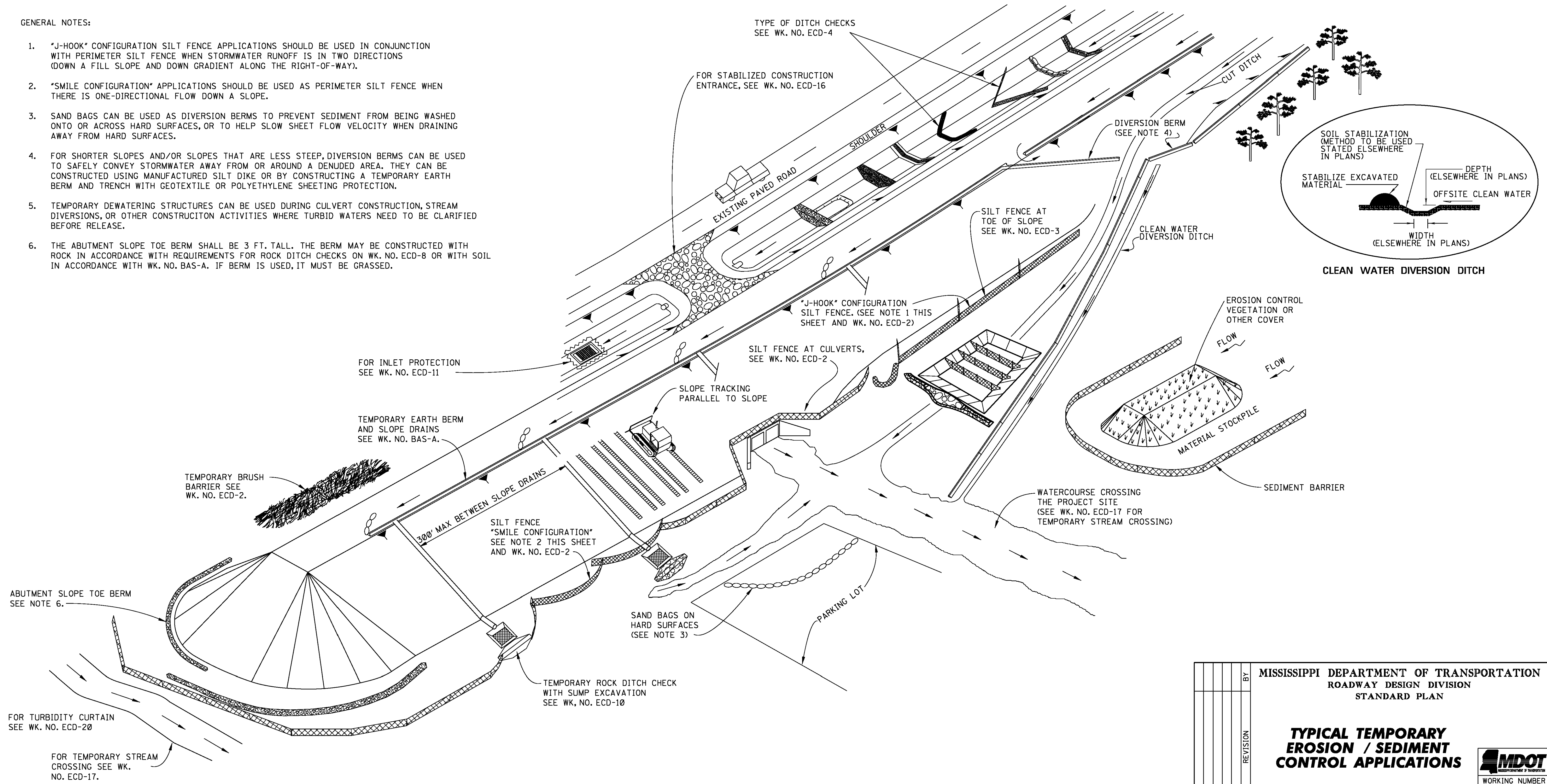
TOWNSHIP 4 NORTH



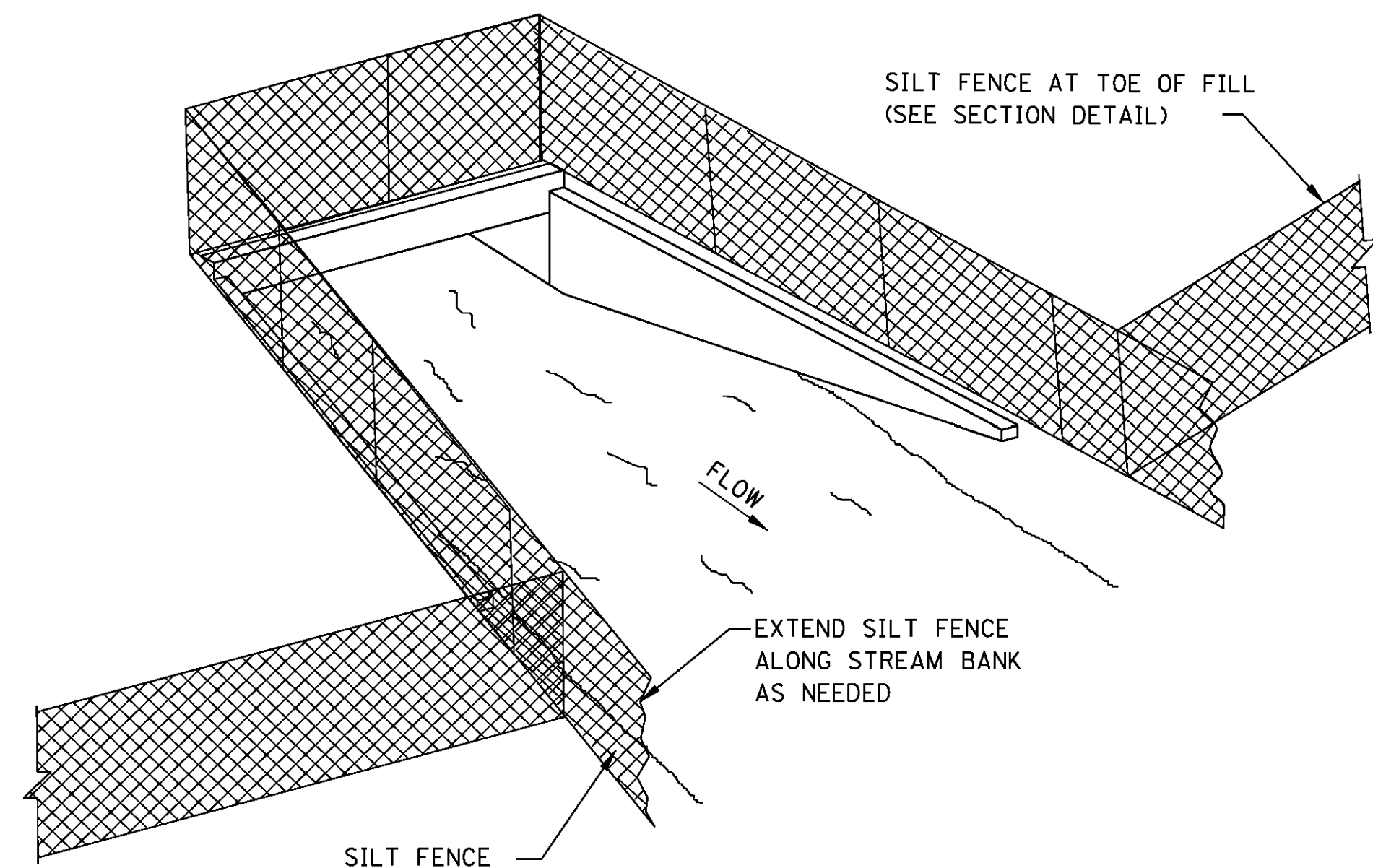
NO.	DATE	DESCRIPTION	BY
TRAFFIC CONTROL PLAN			
REPAIR OF BRIDGE SA18-165 ON BARKLEY ROAD			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
sdw Engineering Progress			
301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by: BT		Checked by: NMC	
Date: 04/03/2018		Scale: AS SHOWN	
Drawing No.: 11266		Sheet No. 8	

GENERAL NOTES:

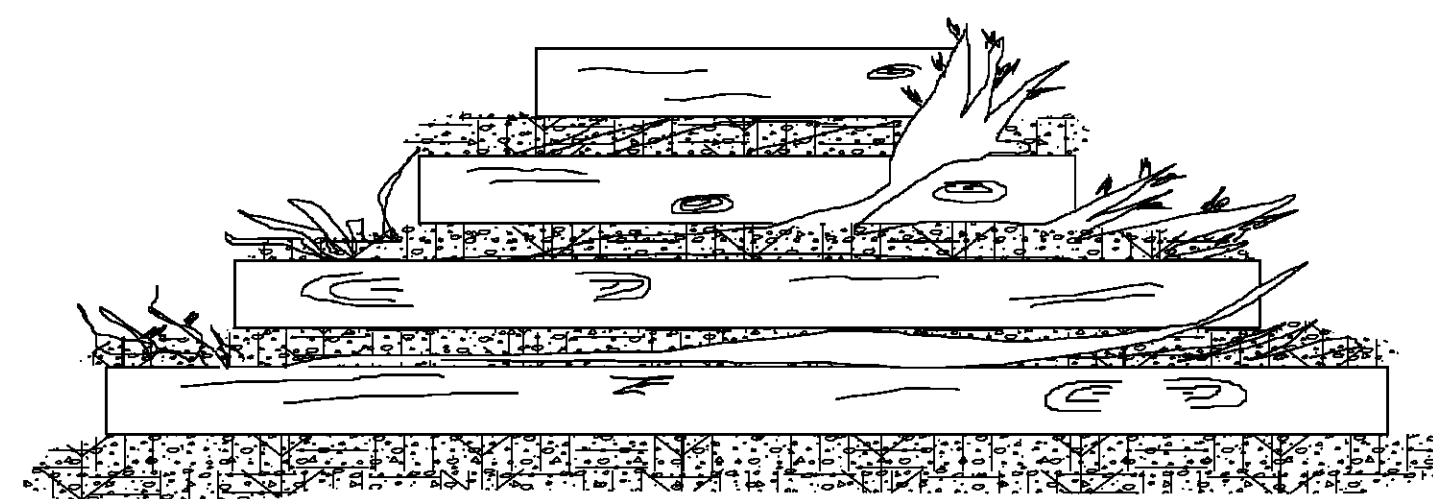
1. "J-HOOK" CONFIGURATION SILT FENCE APPLICATIONS SHOULD BE USED IN CONJUNCTION WITH PERIMETER SILT FENCE WHEN STORMWATER RUNOFF IS IN TWO DIRECTIONS (DOWN A FILL SLOPE AND DOWN GRADIENT ALONG THE RIGHT-OF-WAY).
2. "SMILE CONFIGURATION" APPLICATIONS SHOULD BE USED AS PERIMETER SILT FENCE WHEN THERE IS ONE-DIRECTIONAL FLOW DOWN A SLOPE.
3. SAND BAGS CAN BE USED AS DIVERSION BERMS TO PREVENT SEDIMENT FROM BEING WASHED ONTO OR ACROSS HARD SURFACES, OR TO HELP SLOW SHEET FLOW VELOCITY WHEN DRAINING AWAY FROM HARD SURFACES.
4. FOR SHORTER SLOPES AND/OR SLOPES THAT ARE LESS STEEP, DIVERSION BERMS CAN BE USED TO SAFELY CONVEY STORMWATER AWAY FROM OR AROUND A DENUDED AREA. THEY CAN BE CONSTRUCTED USING MANUFACTURED SILT DIKE OR BY CONSTRUCTING A TEMPORARY EARTH BERM AND TRENCH WITH GEOTEXTILE OR POLYETHYLENE SHEETING PROTECTION.
5. TEMPORARY DEWATERING STRUCTURES CAN BE USED DURING CULVERT CONSTRUCTION, STREAM DIVERSIONS, OR OTHER CONSTRUCTION ACTIVITIES WHERE TURBID WATERS NEED TO BE CLARIFIED BEFORE RELEASE.
6. THE ABUTMENT SLOPE TOE BERM SHALL BE 3 FT. TALL. THE BERM MAY BE CONSTRUCTED WITH ROCK IN ACCORDANCE WITH REQUIREMENTS FOR ROCK DITCH CHECKS ON WK. NO. ECD-8 OR WITH SOIL IN ACCORDANCE WITH WK. NO. BAS-A. IF BERM IS USED, IT MUST BE GRASSED.



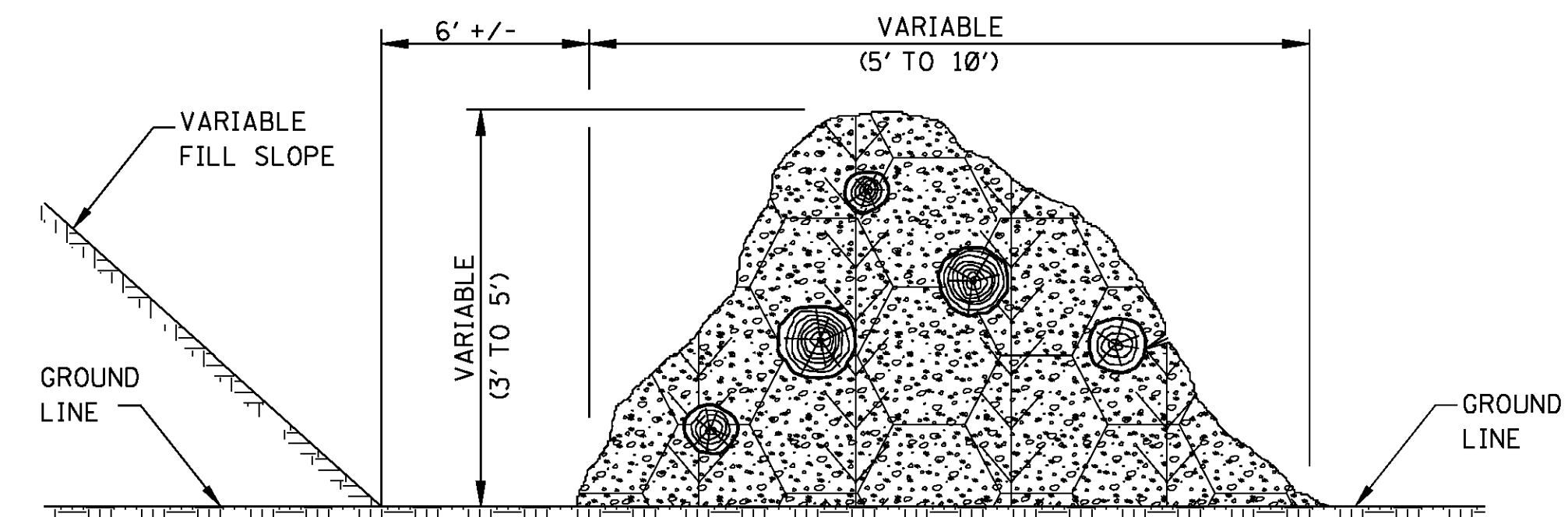
MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN			
TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS			
ISSUE DATE: AUGUST 01, 2017			
WORKING NUMBER ECD-1			
SHEET NUMBER 6101			



SEDIMENT BARRIER AT CROSS DRAIN



FRONT ELEVATION



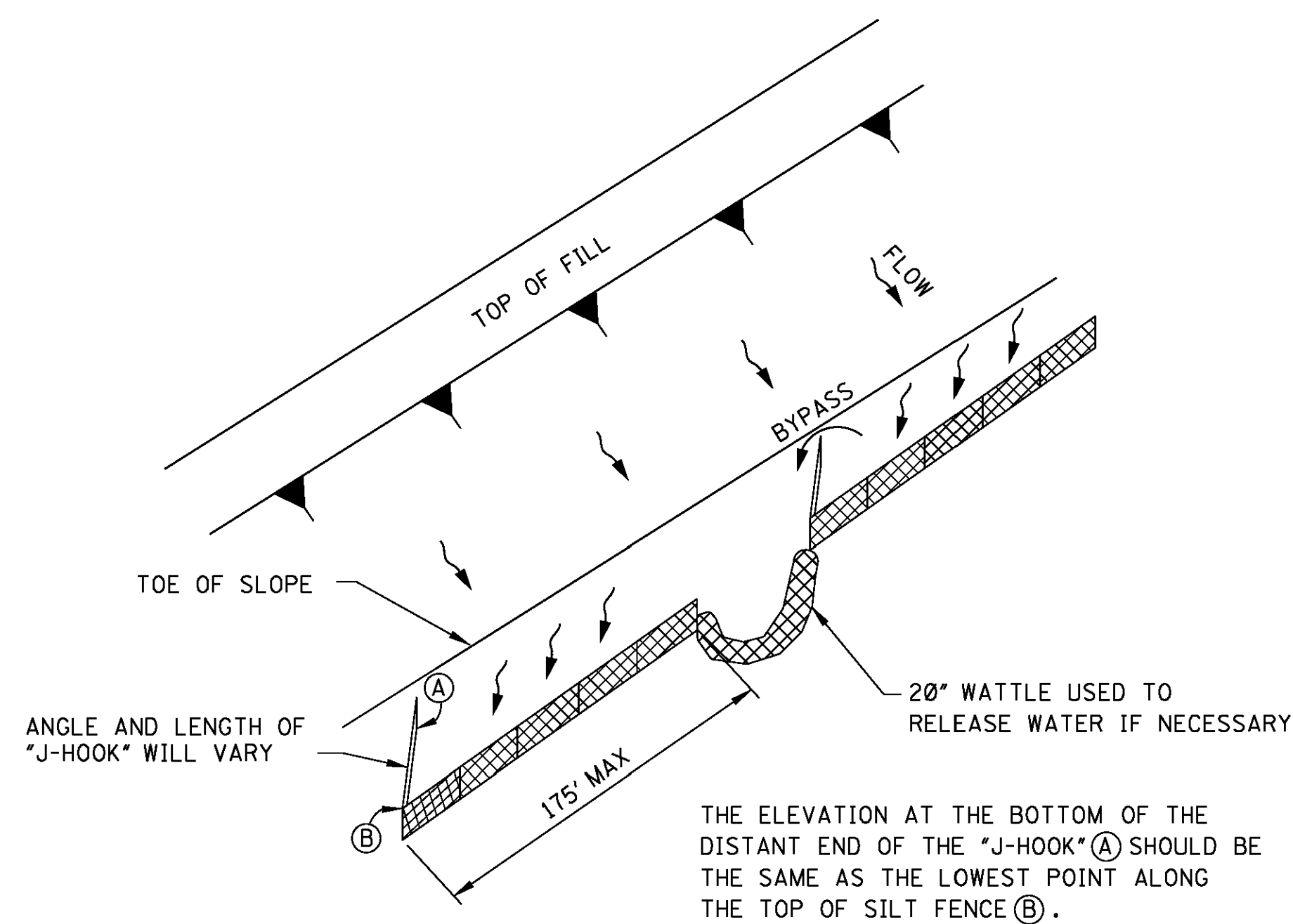
SIDE ELEVATION

TEMPORARY BRUSH BARRIER

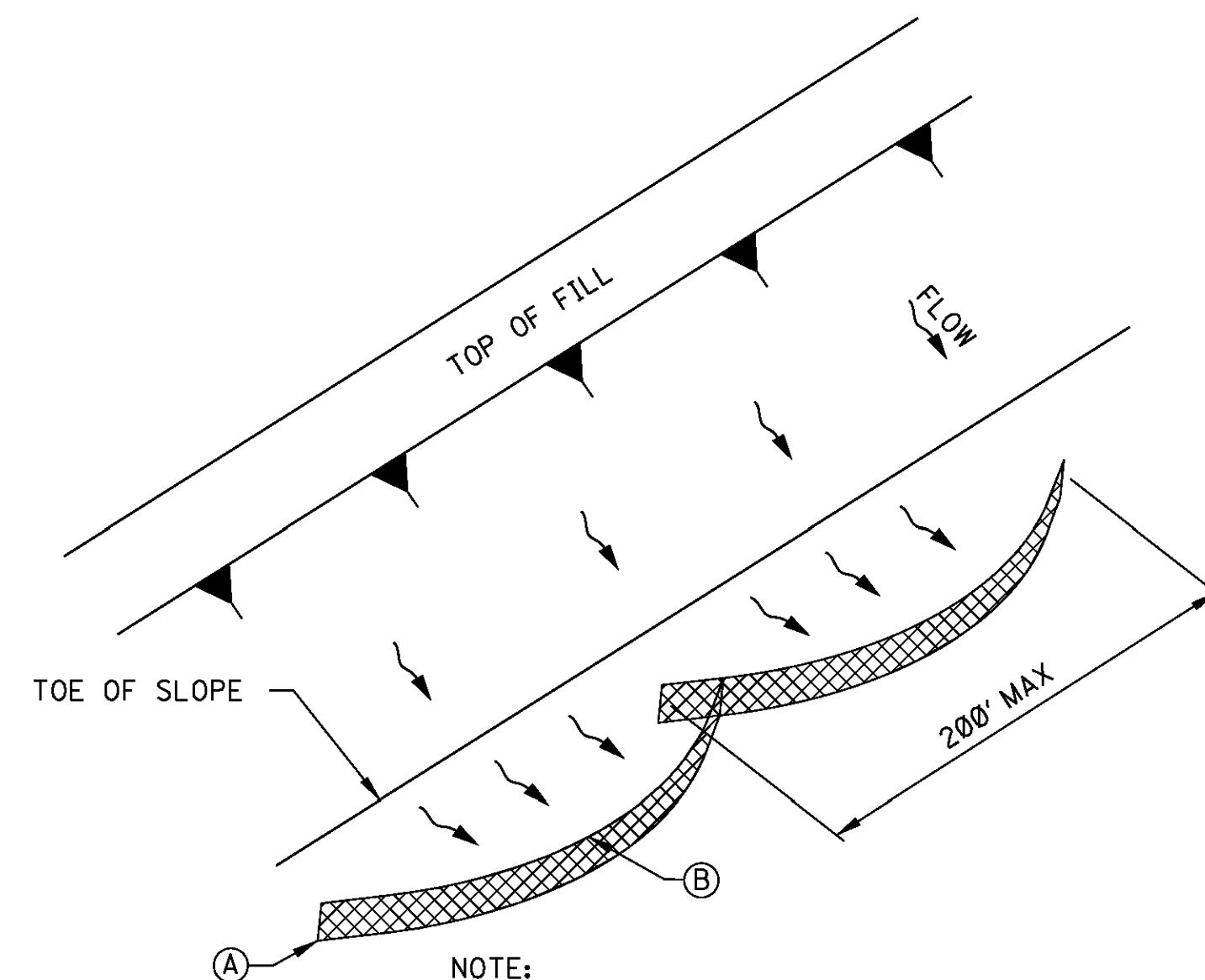
NOTES:

- BRUSH BARRIER MAY BE USED WHERE NATURAL GROUND IS LEVEL OR SLOPING AWAY FROM PROJECT.
- PLACE BRUSH, LOG AND TREE LAPS APPROXIMATELY PARALLEL TO TOE OF FILL SLOPE WITH SOME OF THE HEAVIER MATERIALS BEING PLACED ON TO TO PROPERLY SECURE THE BARRIER AS DETAILED AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED OR PERMITTED BY THE ENGINEER.
- TO ALLOW WATER TO SEEP THROUGH BRUSH BARRIER, INTERMINGLE THE BRUSH, LOG AND TREE LAPS SO AS NOT TO FORM A SOLID DAM.
- THE BRUSH BARRIER MAY BE CHOKED WITH FILTER FABRIC. THE COST OF FABRIC TO BE INCLUDED IN OTHER ITEMS BID.
- TEMPORARY BRUSH BARRIER WILL NOT BE MEASURED FOR SEPARATE PAYMENT.

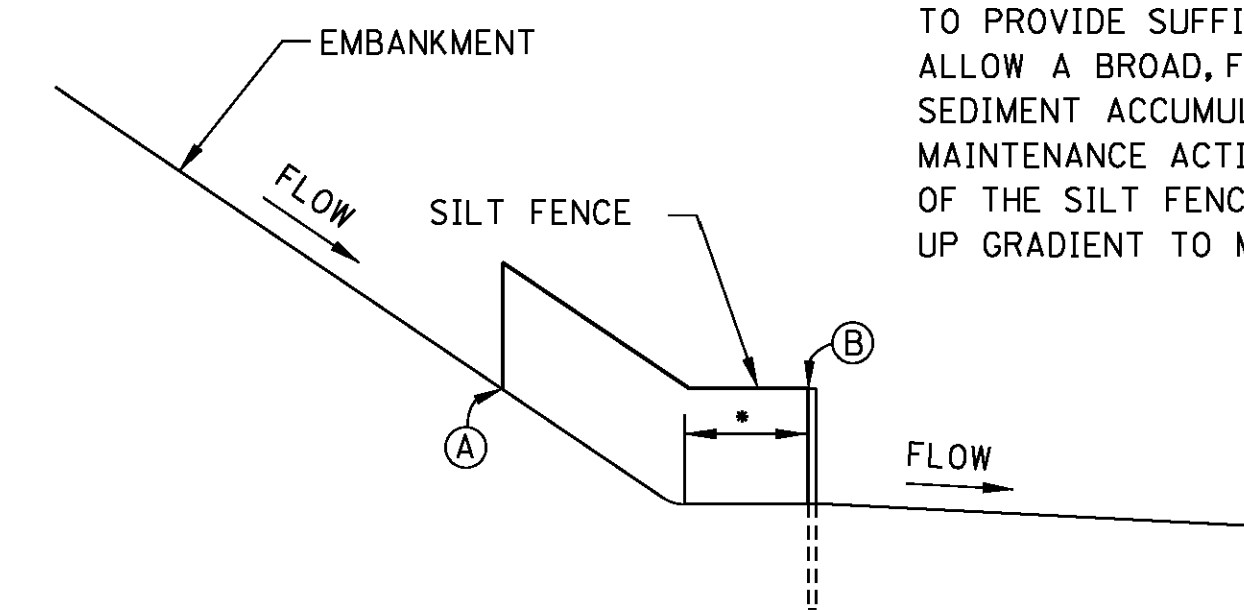
NOTE: ANCHOR AND INSTALL SILT FENCE PER DETAILS SHOWN ON WK. NO. ECD-3



"J-HOOK" SILT FENCE APPLICATION



"SMILE-CONFIGURATION" SILT FENCE APPLICATION

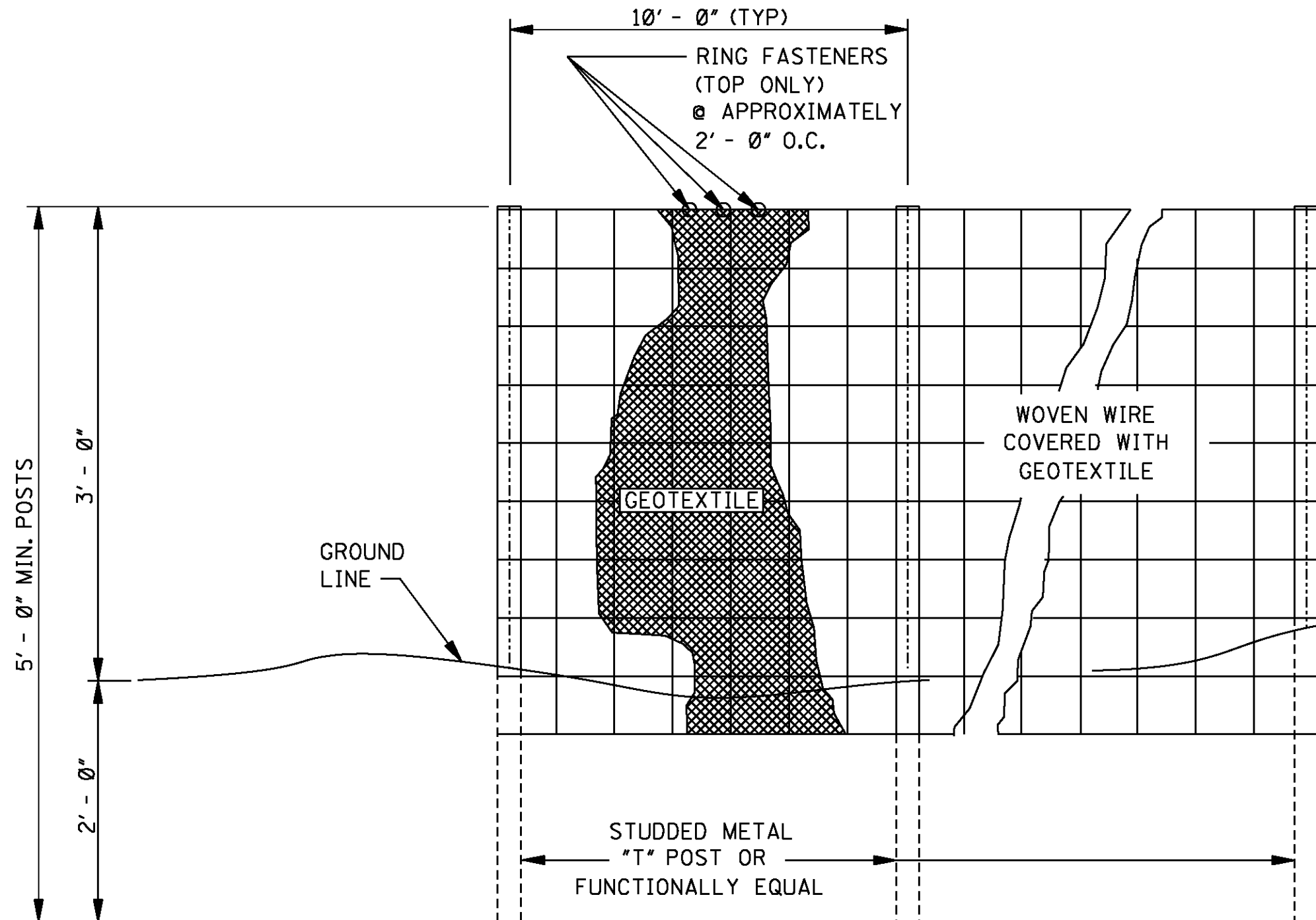


SILT FENCE SECTION AT TOE OF FILL

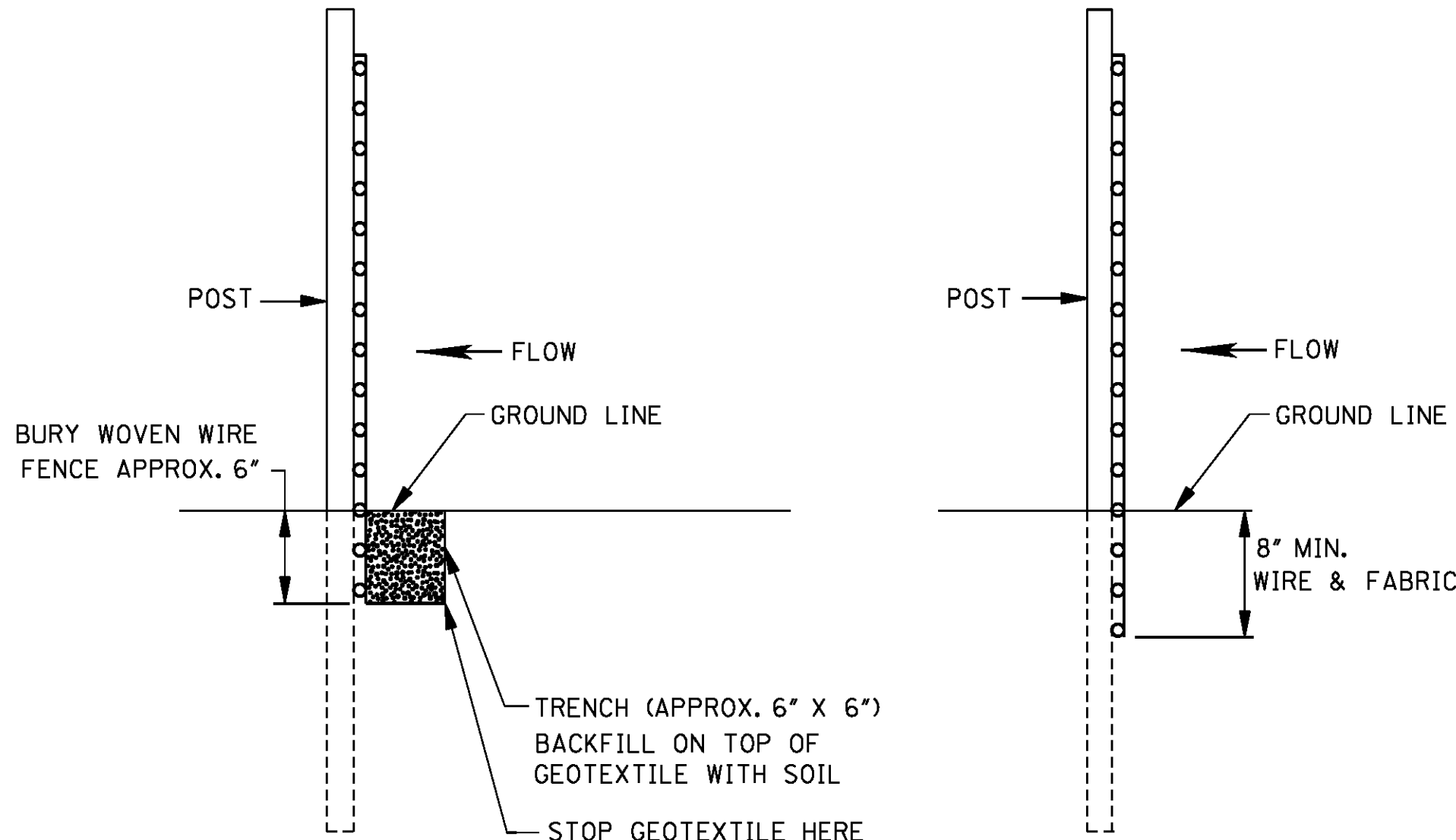
- SILT FENCE SHOULD BE LOCATED AWAY FROM THE TOE OF THE SLOPE TO PROVIDE SUFFICIENT SPACE TO ALLOW A BROAD, FLAT AREA FOR SEDIMENT ACCUMULATION AND MAINTENANCE ACTIVITIES. THE ENDS OF THE SILT FENCE SHOULD BE TURNED UP GRADIENT TO MAXIMIZE STORAGE.

				MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN			
				DETAILS OF SEDIMENT BARRIER APPLICATIONS			
							
				WORKING NUMBER ECD-2			
				SHEET NUMBER 6102			
				ISSUE DATE: AUGUST 01, 2017			

STATE	PROJECT NO.
MISS.	



ELEVATION VIEW

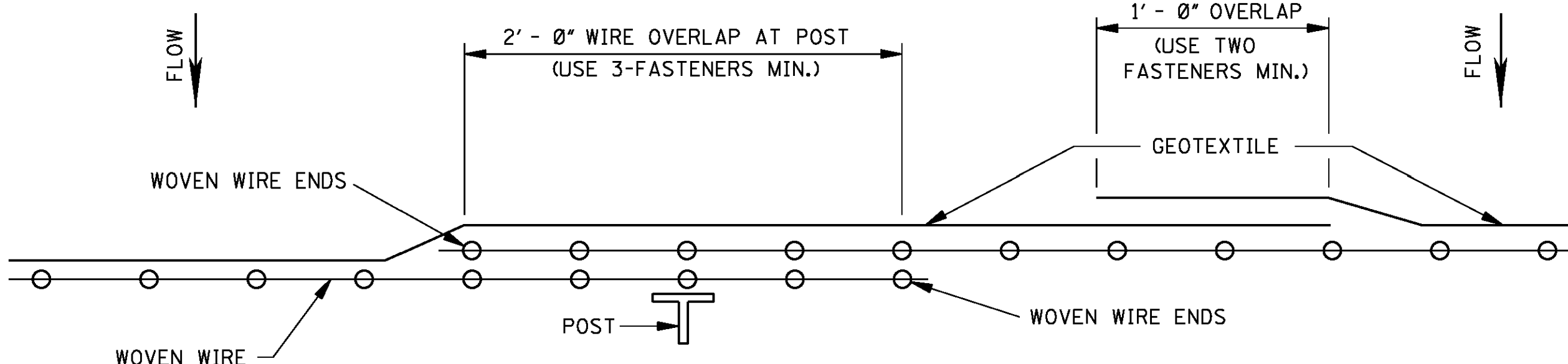


METHOD

METHOD II

MECHANICAL INSTALLATION

SIDE VIEW



PLAN VIEW

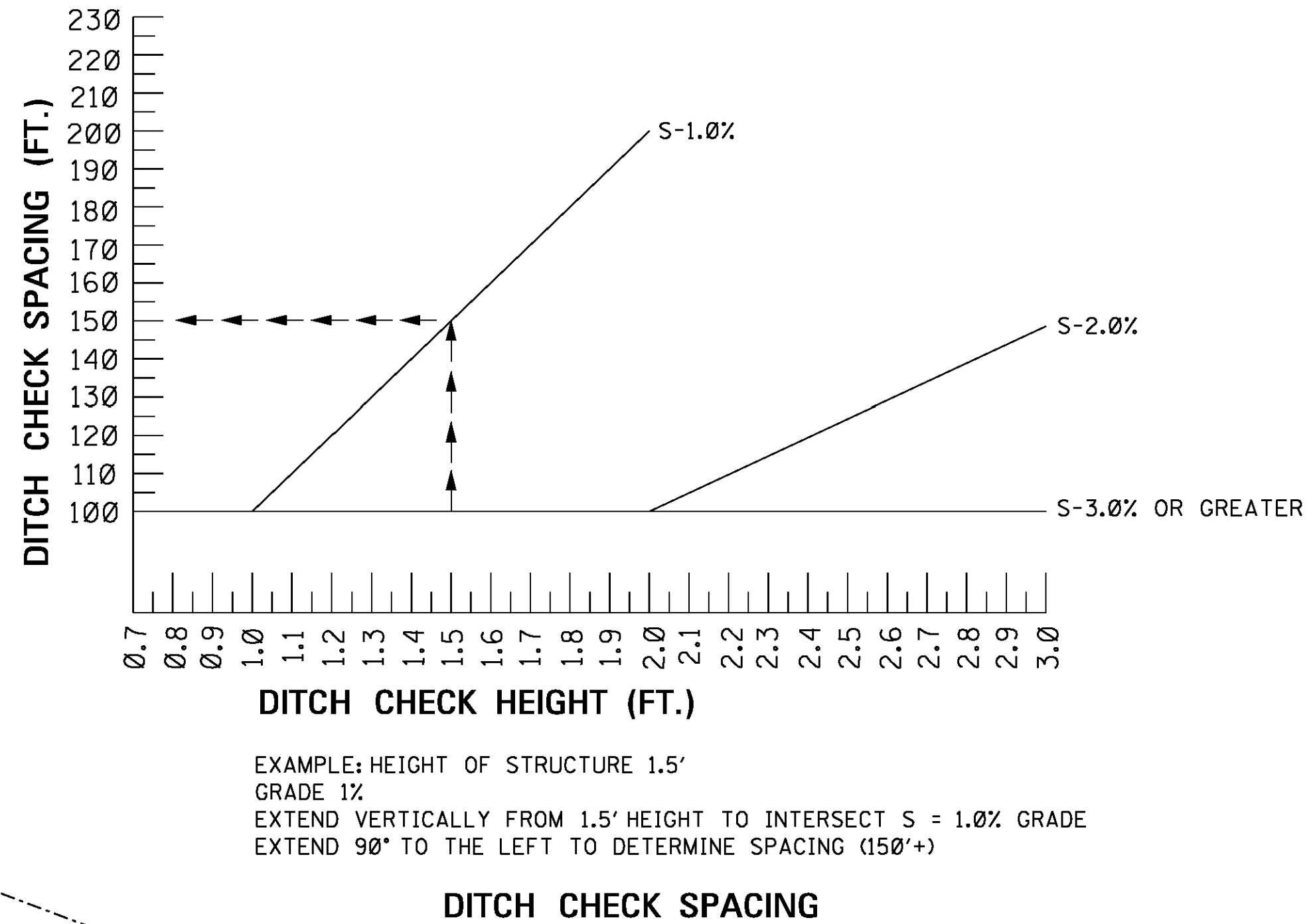
REQUIRED LAPPING

GENERAL NOTE

1. SILT FENCES SHOULD BE USED IN AREAS WHERE FLOW IS NOT SEVERE.
2. SILT FENCES ARE TEMPORARY SEDIMENT CONTROL ITEMS THAT SHOULD BE ERECTED OPPOSITE ERODIBLE AREAS SUCH AS NEWLY GRADED FILL SLOPES AND ADJACENT TO STEAMS AND CHANNELS.
3. SILT FENCE SHOULD BE PLACED WELL INSIDE RIGHT-OF-WAY AND ALONG EDGE OF CLEARING LIMITS. THIS WILL ALLOW ROOM FOR BACK-UP FENCE IF FIRST FENCE BECOMES FULL.
4. WHENEVER POSSIBLE SILT FENCE SHOULD BE CONSTRUCTED ACROSS A LEVEL AREA IN THE SHAPE OF A SMILE. THIS AIDS IN PONDING OF RUNOFF AND FACILITATES SEDIMENTATION.
5. THE CONTRACTOR MAY ELECT TO USE EITHER METHOD I OR METHOD II. COST TO BE LINEAR FEET OF SILT FENCE.
6. METHOD II INSTALLATION SHALL BE ACCOMPLISHED USING AN IMPLEMENT THAT IS MANUFACTURED FOR THE APPLICATION AND PROVIDES A CONFIGURATION MEETING THE REQUIREMENTS OF DETAIL.
7. WIRE SHALL BE A MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
8. GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATION MAY BE USED WITHOUT WIRE FENCE.

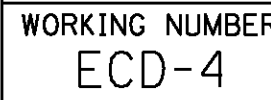
[illegible]

STATE	PROJECT NO.
MISS.	



GENERAL NOTES:

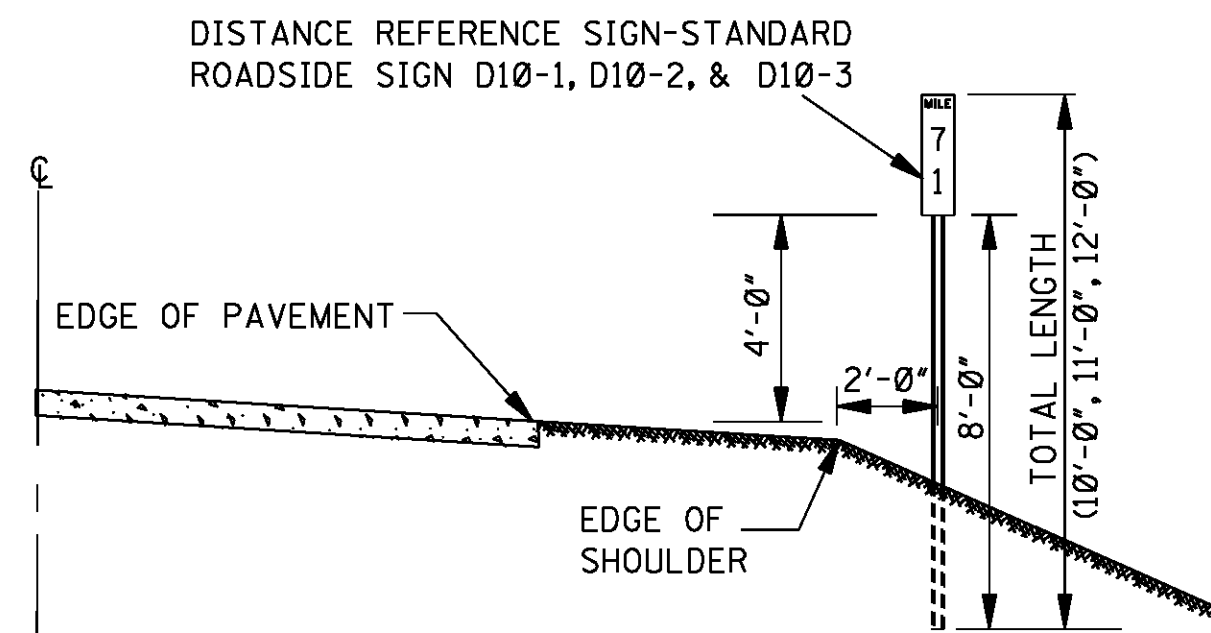
1. THE DITCH CHECK PERSPECTIVE ILLUSTRATES A TOOL BOX OF TEMPORARY PRACTICES THAT MAY BE USED. DITCH CHECKS ARE INSTALLED TO CONTROL RUNOFF VELOCITY AND THUS REDUCE EROSION AND PROVIDE FOR TRAPPING OF SEDIMENTS.
2. SELECTION OF THE APPROPRIATE DITCH CHECK SHOULD BE A FUNCTION OF CONSTRUCTION PHASE, DRAINAGE AREA, DITCH GRADIENT, SOIL TYPE, ECONOMY AND SAFETY.
3. DITCH CHECKS CAN BE REMOVED FOR MAINTENANCE AND/OR REPLACEMENT BUT MUST REMAIN IN PLACE UNTIL UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED. MAINTENANCE INCLUDES REMOVAL OF SEDIMENT BEGINNING WHEN SEDIMENT ACCUMULATION REACHES ½ THE CAPACITY OR HEIGHT OF THE STRUCTURE AND NEVER ALLOWING FOR SEDIMENT TO ACCUMULATE MORE THAN ½ THE VOLUME OR HEIGHT OF THE DITCH CHECK STRUCTURE.
4. HAY BALES SHOULD BE USED TO INTERCEPT LOW VOLUME FLOWS IN LOW TO MODERATE GRADIENT DITCHES.
5. SILT FENCE DITCH CHECKS SHOULD BE USED WHERE IT HAS BEEN DETERMINED THAT HAY BALE CHECKS ARE INADEQUATE. SILT FENCE DITCH CHECKS SHOULD BE USED TO INTERCEPT LOW VOLUME FLOWS IN LOW TO MODERATE GRADIENT DITCHES.
6. SANDBAG DITCH CHECKS SHOULD BE USED FOR VELOCITY REDUCTION AND MINIMAL SEDIMENT TRAPPING IN CONCRETE PAVED DITCHES OR IN DITCHES THAT HAVE ROCK BOTTOMS.
7. WATTLE DITCH CHECKS CAN BE USED FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.
8. SILT DIKES CAN BE USED IN DITCHES WITH CONCENTRATED FLOWS WITHIN THE CLEAR ZONE WHERE RIPRAP CAN NOT BE USED, AS CONSTRUCTION PROGRESSES.
9. ROCK DITCH CHECKS WITH SUMP EXCAVATION CAN BE PLACED IN DITCHES TO ASSURE ON-SITE SEDIMENT TRAPPING REQUIREMENTS ARE MET. DITCH CHECK WITH SUMP EXCAVATION IS USED WHEN DITCHES RECEIVE DRAINAGE FROM CUT OR FILL SLOPES OR OTHER CRITICAL AREAS WHERE SOIL EROSION IS EXPECTED. DRAINAGE AREA FOR A TEMPORARY SEDIMENT TRAP SHOULD BE LIMITED TO 3 ACRES. THEY CAN BE USED IN SERIES TO INCREASE ON-SITE SEDIMENT TRAPPING EFFICIENCY.
10. DITCH CHECKS, IN NO CASE, SHALL BE PLACED IN LIVE STREAMS.
11. CONFIGURATION AND SPACING MAY BE ADJUSTED IF APPROVED BY THE ENGINEER TO ACCOMMODATE TRAVELWAY SAFETY, WATER FLOW, OR SOIL AND INSTALLATION CHALLENGES.

				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN
				REVISION	
					<i>DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS</i>
					 WORKING NUMBER ECD-4
				DATE	ISSUE DATE: <u> AUGUST 01, 2017 </u>
					 SHEET NUMBER 6104

NOTES:

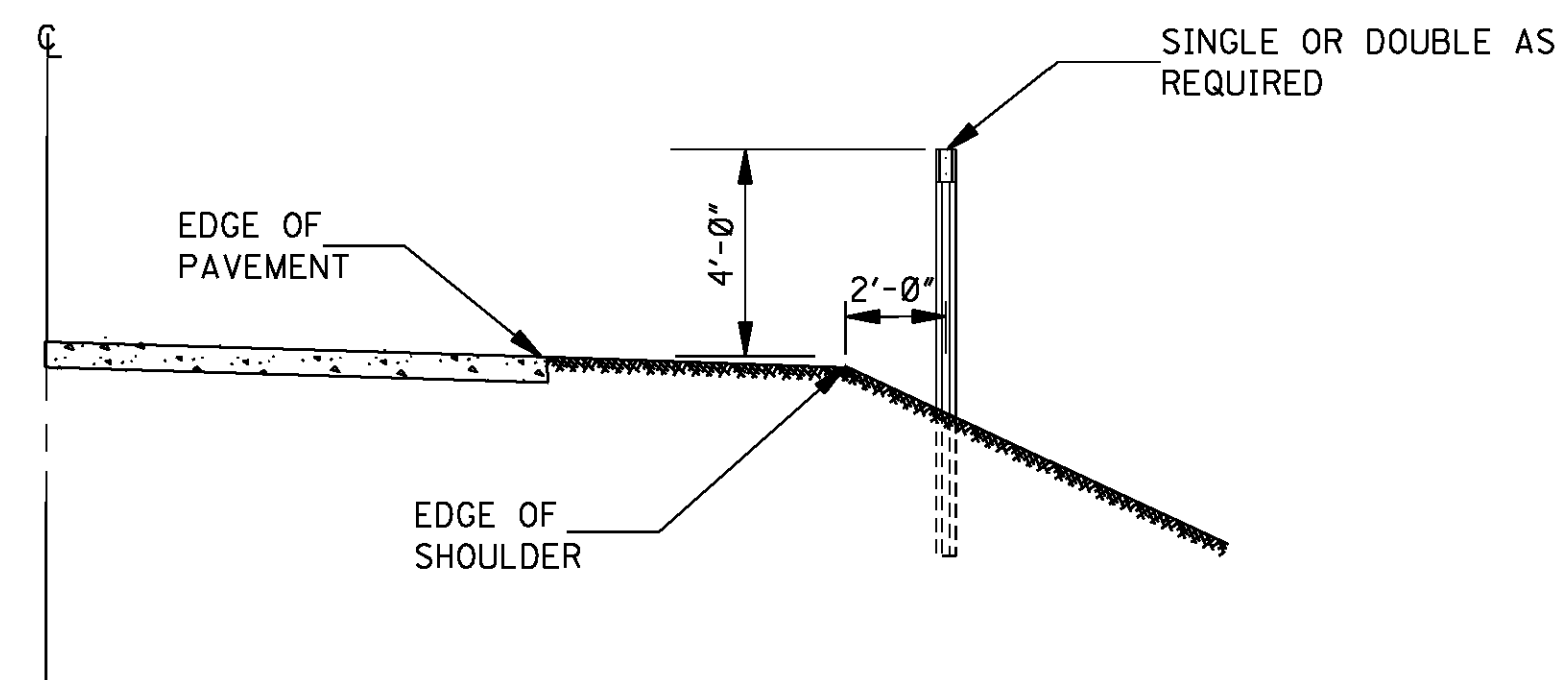
1. CONCRETE PAVED DITCHES SHALL BE GROOVED AT 20'-0" INTERVALS. THE GROOVES SHALL BE CUT TO A DEPTH OF NOT LESS THAN 1".
2. DIMENSIONS D & W ARE AS FOLLOWS:
D(MINIMUM) = 6"
D(NOMINAL) = 9"
W(MINIMUM) = 24"
3. CHAIR SUPPORTS FOR THE WIRE MESH WILL NOT BE REQUIRED. HOWEVER, THE CONTRACTOR SHALL PLACE THE WIRE MESH IN A SATISFACTORY AND WORKMANLIKE MANNER TO ENSURE THAT THE FINAL POSITION IS REASONABLY NEAR THE POSITION INDICATED.
- * 4. CENTER ROW OF STAPLES MAY BE OMITTED ON DITCH LINER.

SHEET NUMBER
6123

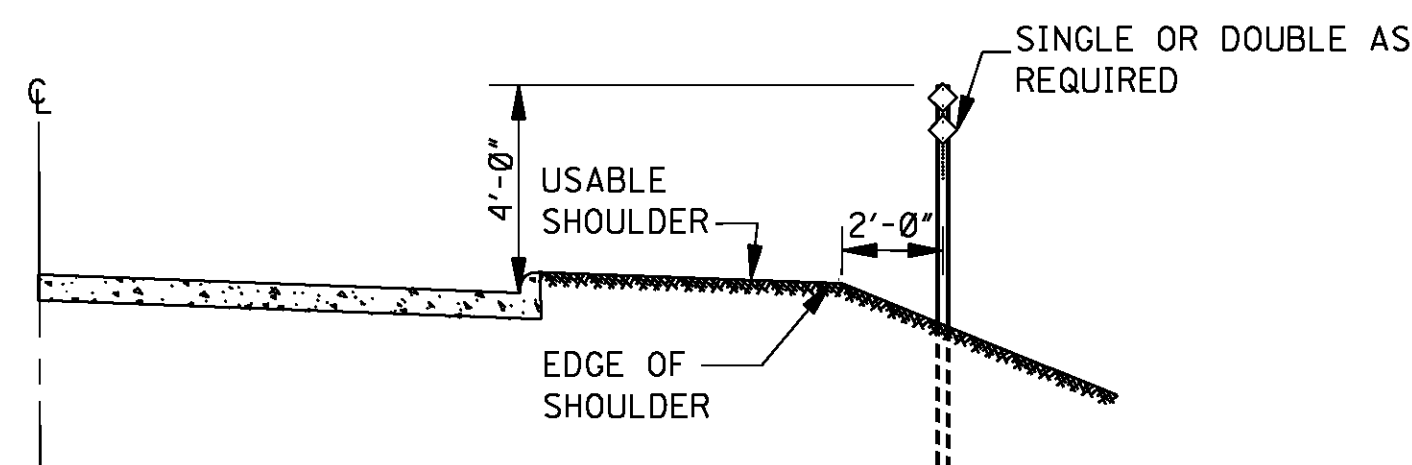


DISTANCE REFERENCE SIGN MOUNTING ON OUTSIDE SHOULDER ALONG MAIN FACILITY

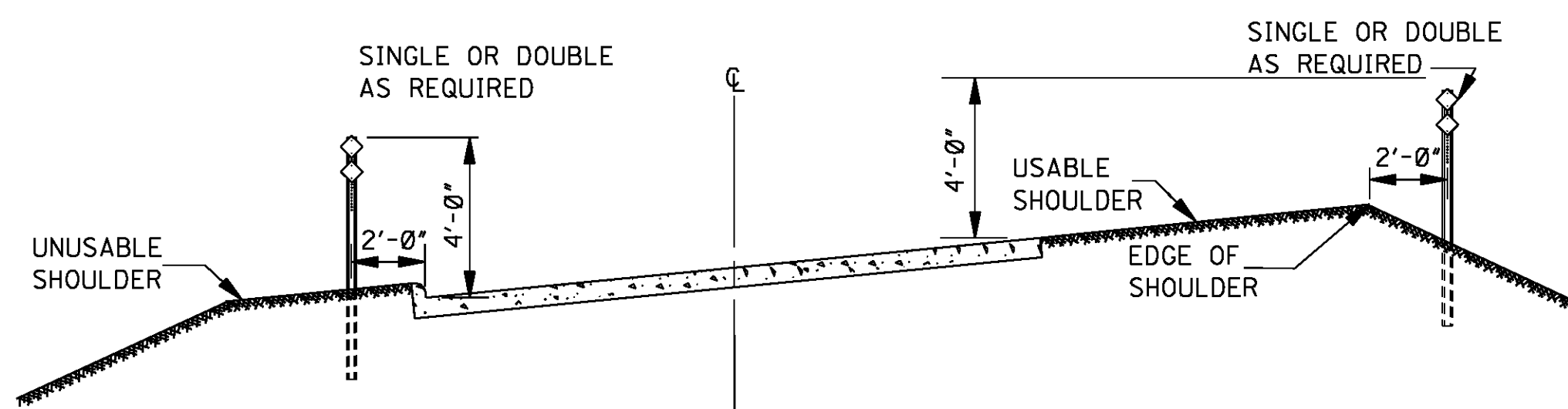
NOTE: SIGN MOUNTING ON LEFT LANE SHOULDER SHALL BE 90° OPPOSITE THE RIGHT LANE STATION. IF CONDITIONS ARE SUCH THAT MILE SIGN CANNOT BE LOCATED WITHIN 50 FEET OF ITS TRUE LOCATION, IT SHALL BE OMITTED ENTIRELY.



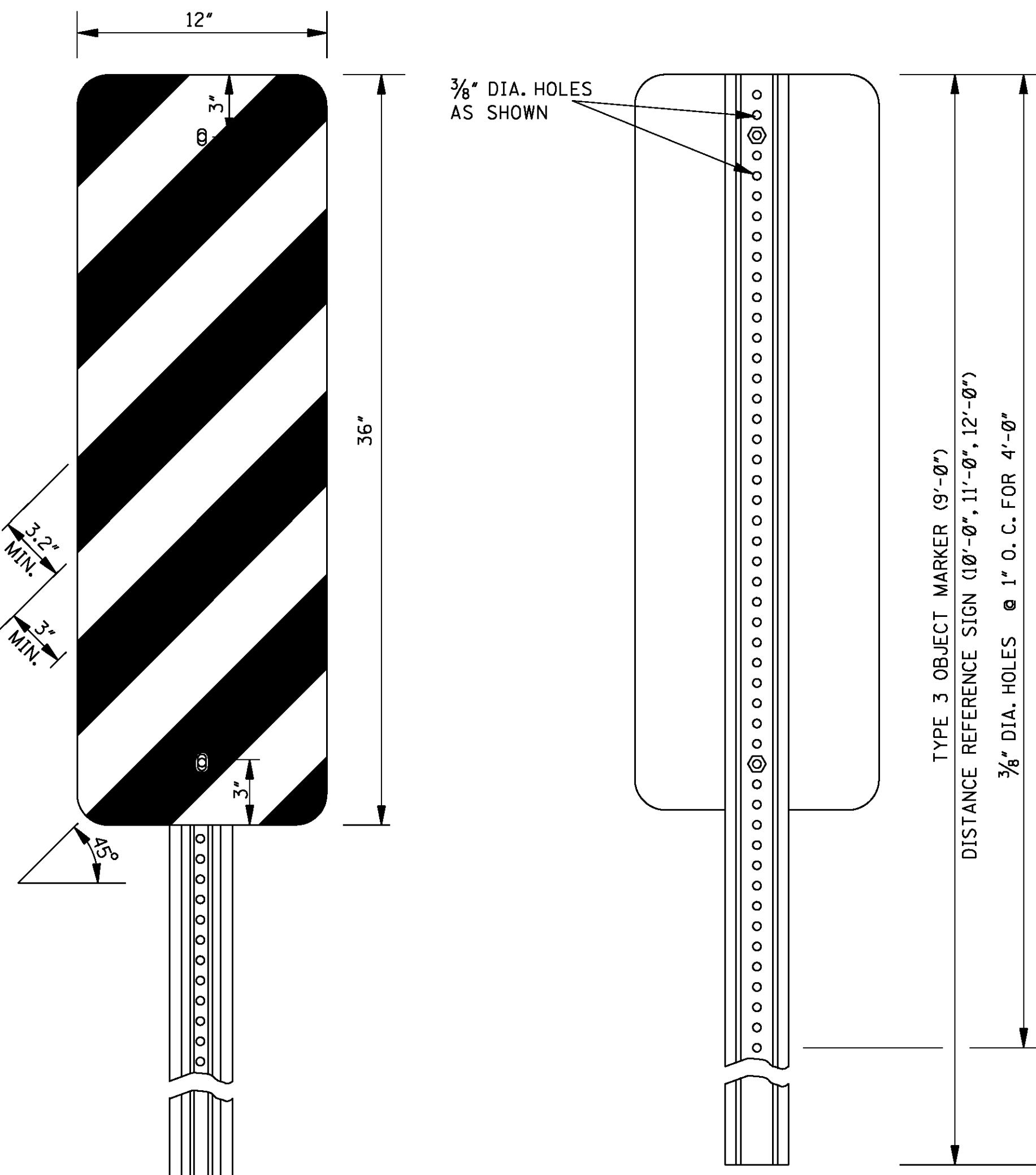
DELINEATOR MOUNTING ON OUTSIDE SHOULDER ALONG MAIN FACILITY OR RAMP



DELINEATOR MOUNTING ON OUTSIDE SHOULDER WITH MOUNTABLE CURB ALONG MAIN FACILITY OR RAMP



DELINEATOR MOUNTING ON INTERCHANGE LOOPS WITH UNMOUNTABLE CURB ON INSIDE

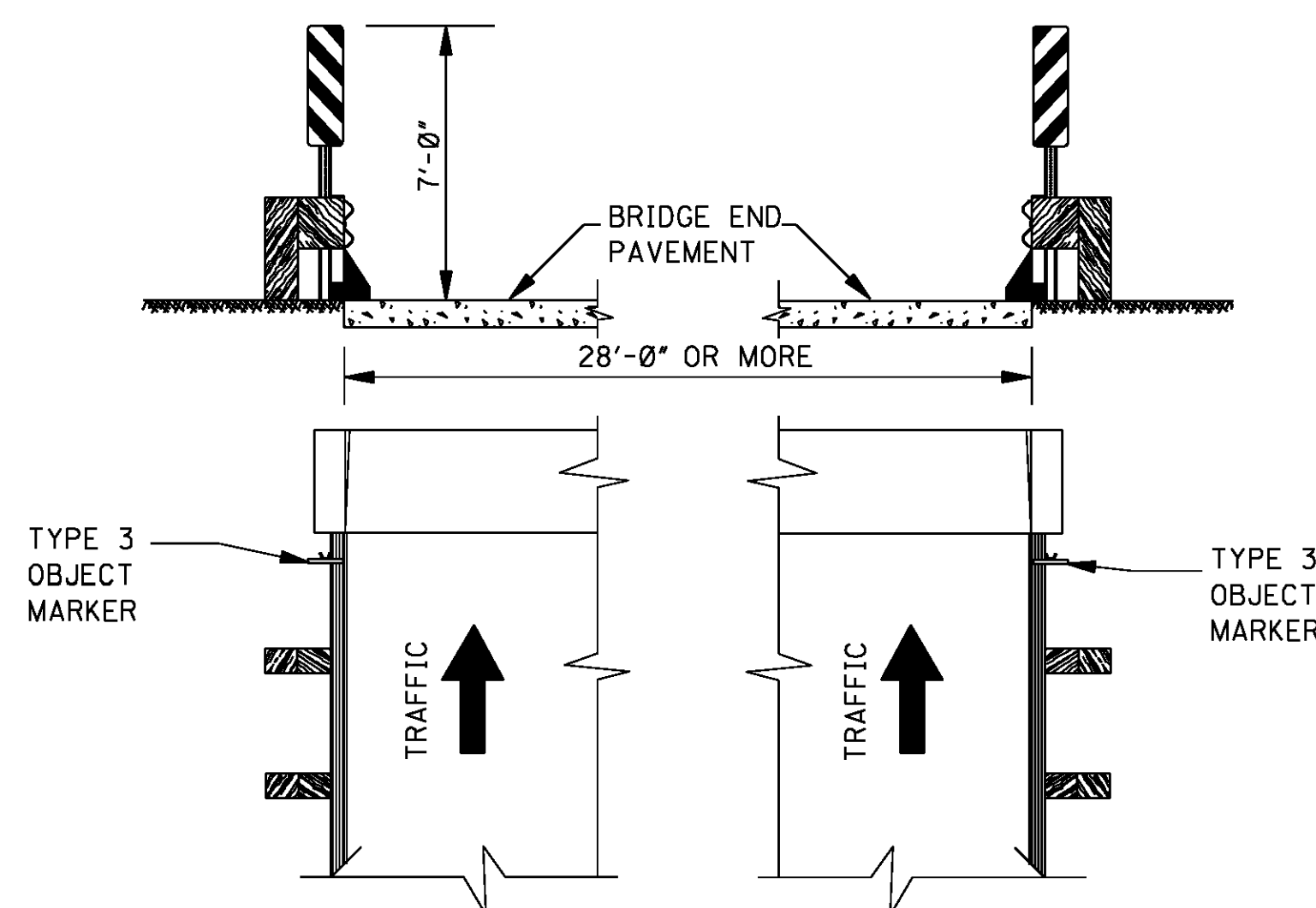


DETAIL OF TYPE 3 OBJECT MARKER

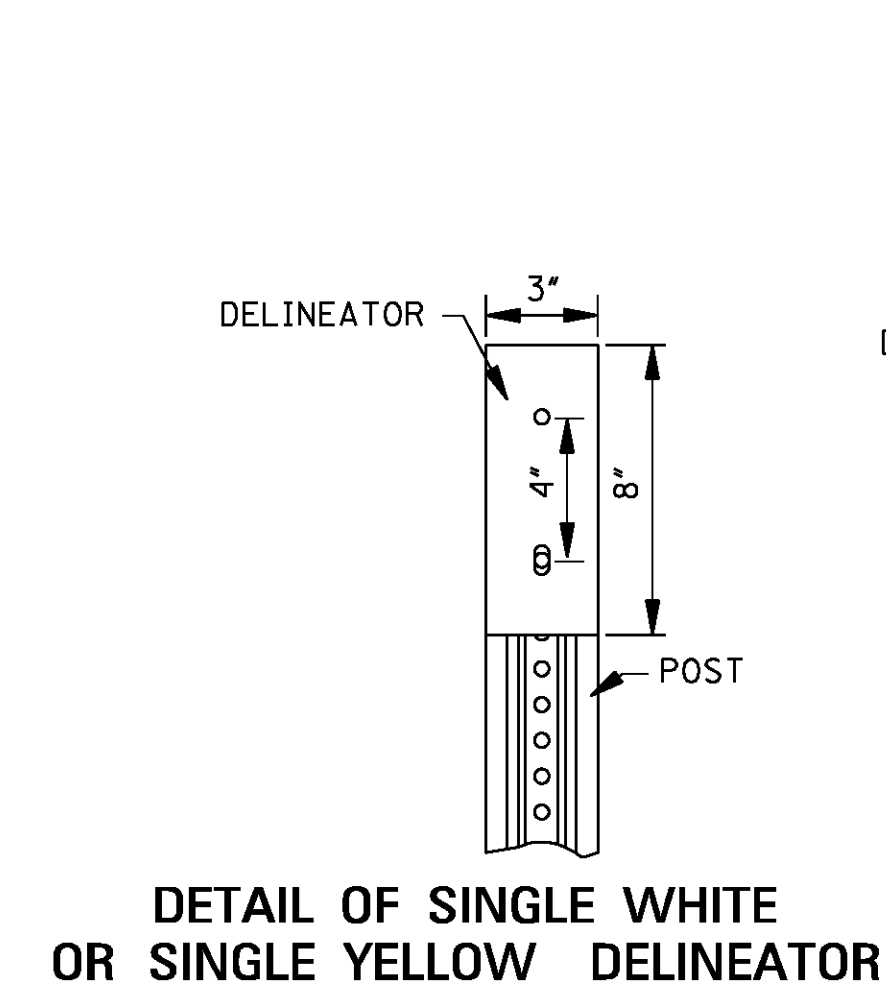
NOTE: COLORS- BLACK AND YELLOW. STRIPING SHOWN ABOVE FOR RIGHT SIDE ONLY. STRIPES SLANT DOWNWARD TO THE RIGHT FOR LEFT SIDE OF BRIDGE END. SEE DETAIL BELOW.

REAR VIEW OF TYPE 3 OBJECT MARKER OR DISTANCE REFERENCE SIGN ASSEMBLY

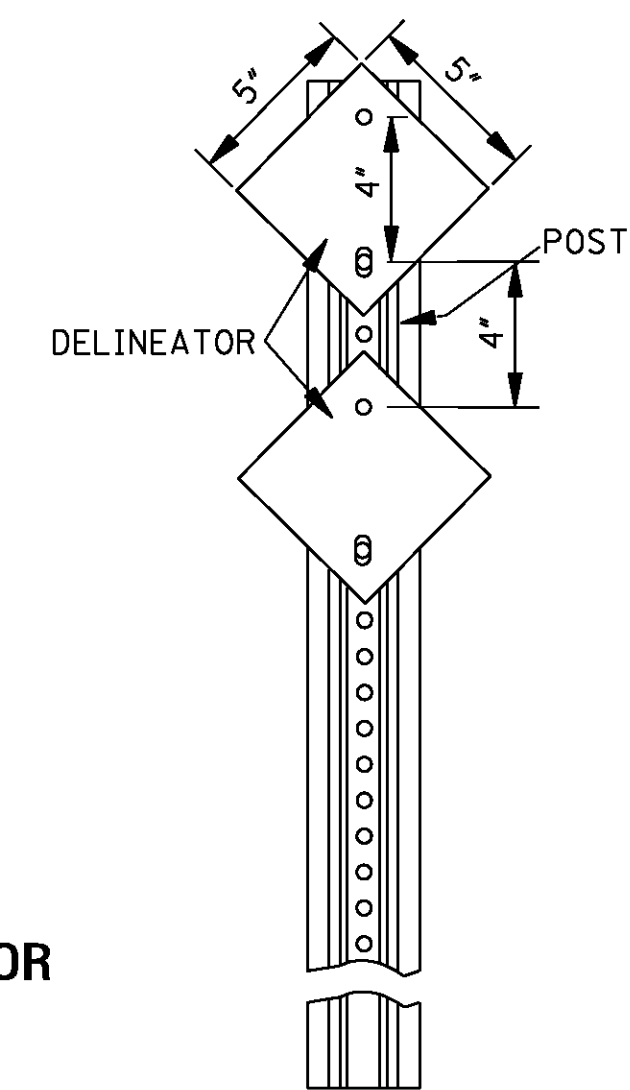
NOTE: TYPE 3 OBJECT MARKER AND DISTANCE REFERENCE SIGNS SHALL BE FASTENED TO U-SECTION POSTS WITH 3/8" DIA. BLIND FASTENERS OF THE COLLAR TYPE.



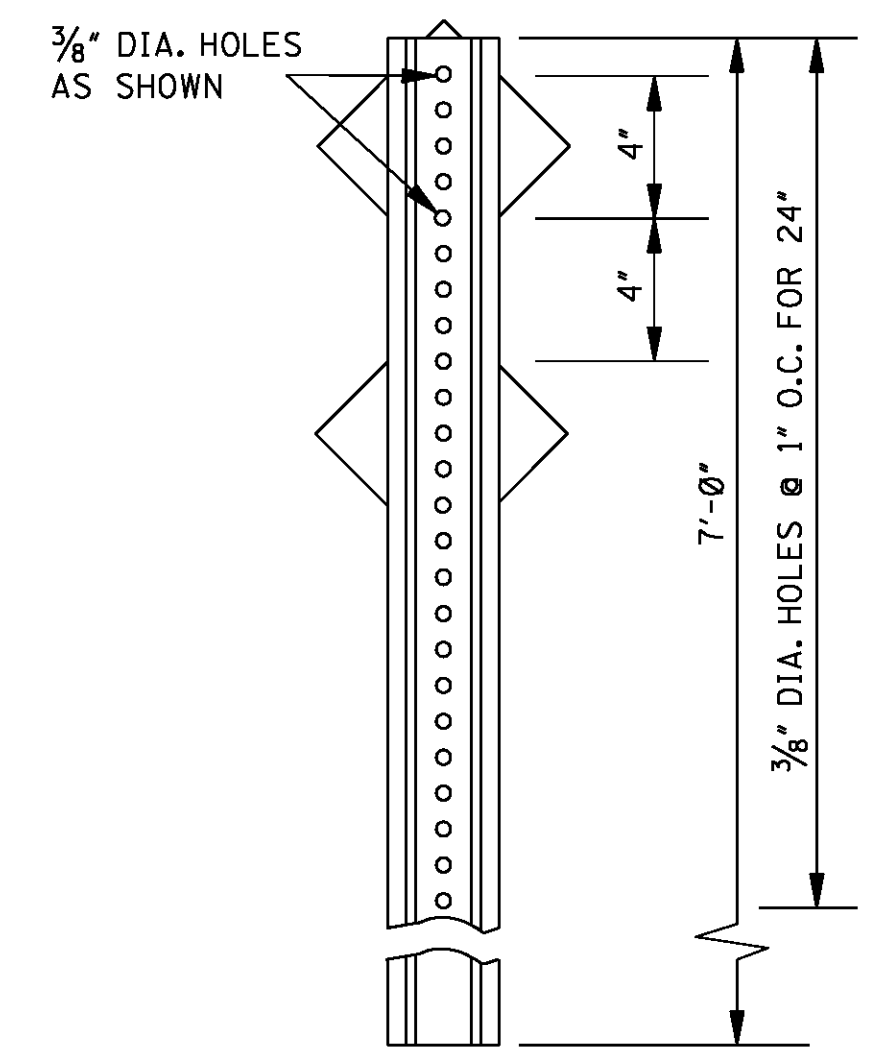
DETAIL OF TYPE 3 OBJECT MARKER INSTALLATION



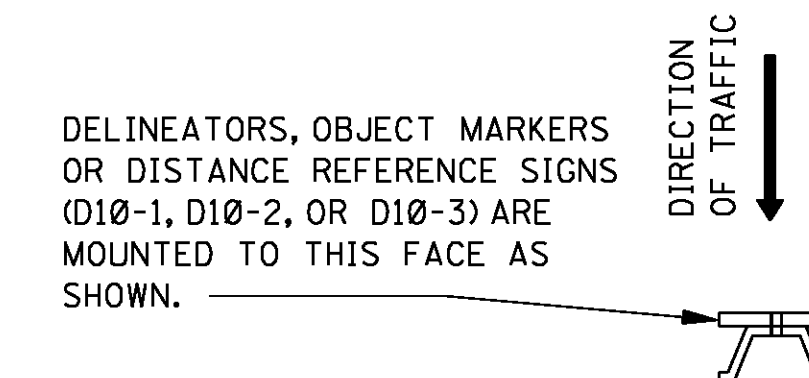
DETAIL OF SINGLE WHITE OR SINGLE YELLOW DELINEATOR



DETAIL OF DOUBLE WHITE OR DOUBLE YELLOW DELINEATOR



REAR VIEW OF DELINEATOR ASSEMBLY



MOUNTING DETAIL

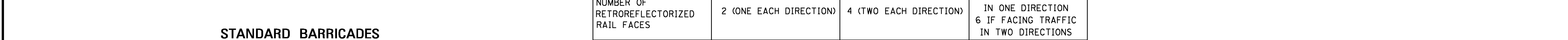
NOTE: DELINEATORS SHALL BE FASTENED TO U-SECTION POSTS WITH 1/4" DIA. BLIND FASTENERS OF THE COLLAR TYPE.

GENERAL NOTES:

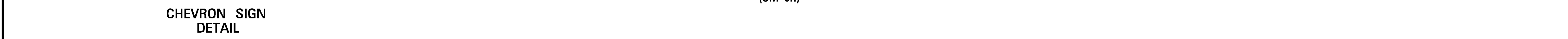
- DELINEATORS AND TYPE 3 OBJECT MARKER SHALL BE REFLECTIVE SHEETING ON 0.080" THICK ALUMINUM SHEET OR 14 GAGE GALVANIZED SHEET STEEL.
- DELINEATOR, TYPE 3 OBJECT MARKER AND DISTANCE REFERENCE SIGN POSTS SHALL BE GALVANIZED STEEL. THE POSTS SHALL BE FABRICATED BEFORE THE METAL IS GALVANIZED.
- WEIGHT WITHOUT GROUND PLATES:
A. DELINEATOR POST 7'-0" - 2.0 lb/ft to 2.5 lb/ft
B. TYPE 3 OBJECT MARKER POST 9'-0" - 2.5 lb/ft to 3.0 lb/ft
C. DISTANCE REFERENCE SIGN POST 10'-0", 11'-0", & 12'-0" - 3.0 lb/ft to 3.5 lb/ft
- UNIT PRICE OF DELINEATORS AND TYPE 3 OBJECT MARKERS SHALL INCLUDE COST OF POST. DISTANCE REFERENCE SIGN POST WILL BE PAID FOR PER FOOT.
- RADIUS IN BENDS OF POST CROSS SECTION NOT TO EXCEED 1/8" FOR HOT ROLLED SECTION.
- GROUND PLATE NOT REQUIRED ON U-SECTION POST.

				MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
				TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	
				WORKING NUMBER SN-8	
				SHEET NUMBER 6314	
				ISSUE DATE: AUGUST 01, 2017	

2' MIN.



-
- Diagram of a plastic drum with orange and white diagonal stripes. The word "ORANGE" is written above the drum.



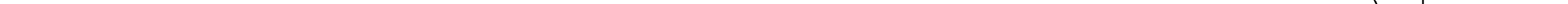
1. A CHEVRON SIGN CONSISTS OF A BLACK CHEVRON TYPE MARKING ON

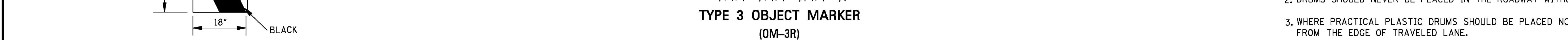
3. THE "INSIDE" EDGE OF THE MARKER SHALL BE IN LINE WITH THE INNER EDGE OF THE OBSTRUCTION.



WING BARRICADES

1. THE MARKING FOR BARRICADE RAILS SHALL BE ORANGE AND WHITE (SLOPING DOWNWARD AT	18" MIN.
---	----------

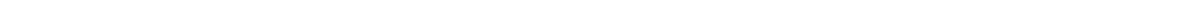
3. DO NOT PLACE SANDBAGS OR OTHER DEVICES TO PROVIDE MASS ON THE BOTTOM RAIL THAT WILL BLOCK VIEW OR RAIL FACE.
4. FOR ADDITIONAL INFORMATION OR DETAILS, SEE MUTCD, LATEST EDITION.
- 
- The diagram shows a rectangular sign with a width of 12 inches. The sign is divided into two horizontal sections. The top section is white, and the bottom section is labeled 'RETROREFLECTIVE WHITE' with an arrow pointing to it. The sign is shown in a perspective view, with a vertical dimension line on the right side labeled 'MIN.'.



CHEVRON SIGN

- FOR CONSTRUCTION PROJECTS

1. WING BARRICADES ARE TYPE III BARRICADES ERECTED ON THE SHOULDER

- | | | | | |
|--|-------------------|----------|----------|----------|
|  | WIDTH OF STRIPE * | 6" | 6" | 6" |
| | HEIGHT | 36" MIN. | 36" MIN. | 60" MIN. |



1. PLASTIC DRUMS SHALL BE ON END AND USED AS AN EXP

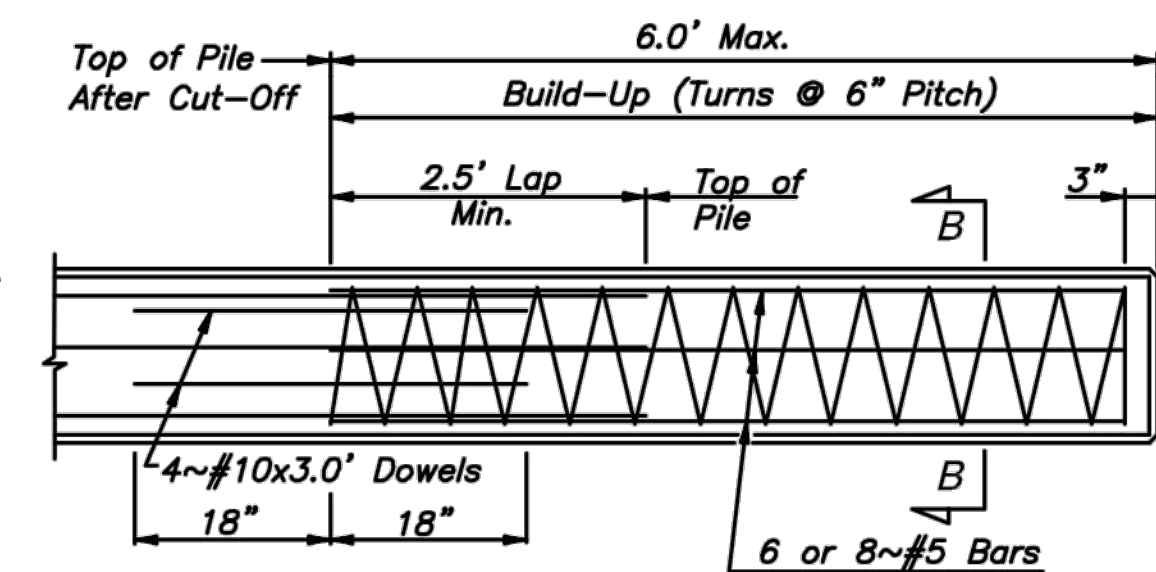
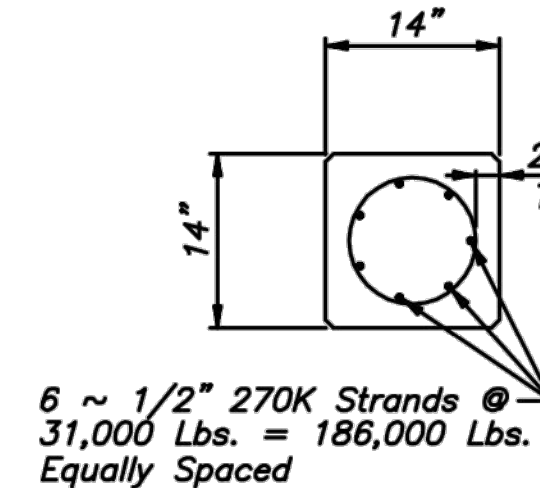
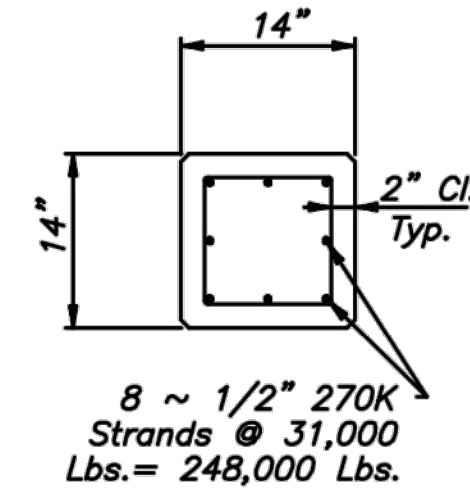
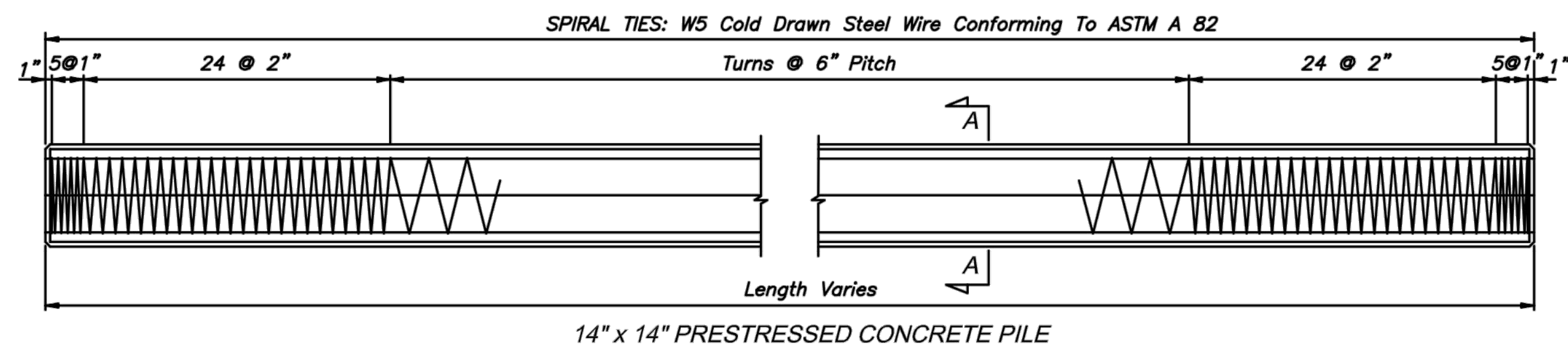
- ## CHEVRON SIGN DETAIL

				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN STANDARD SPECIFICATIONS HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS
				REVISION	
				DATE	

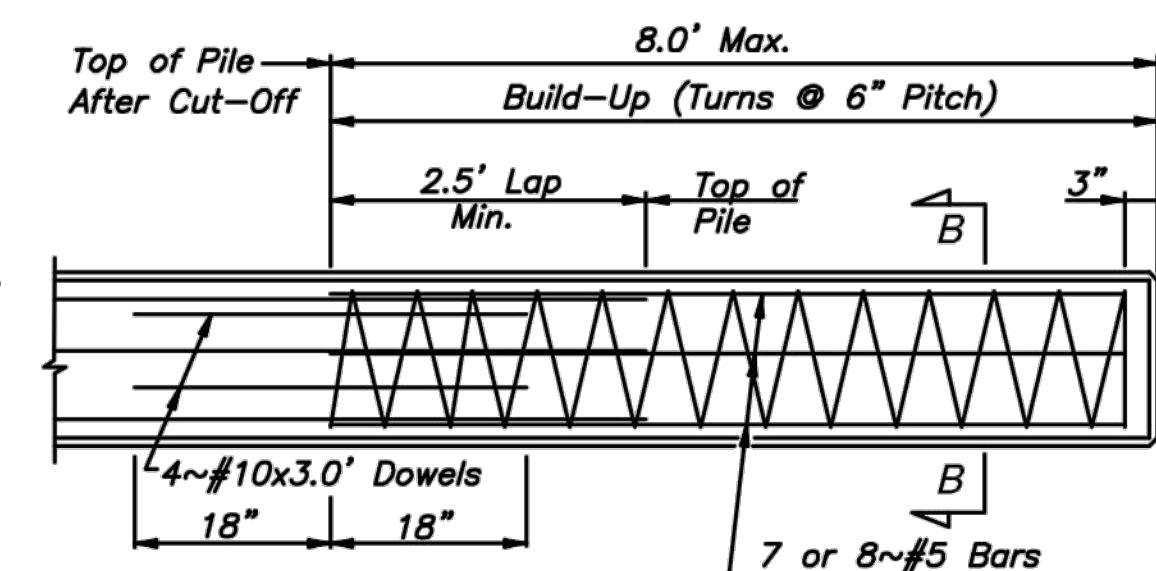
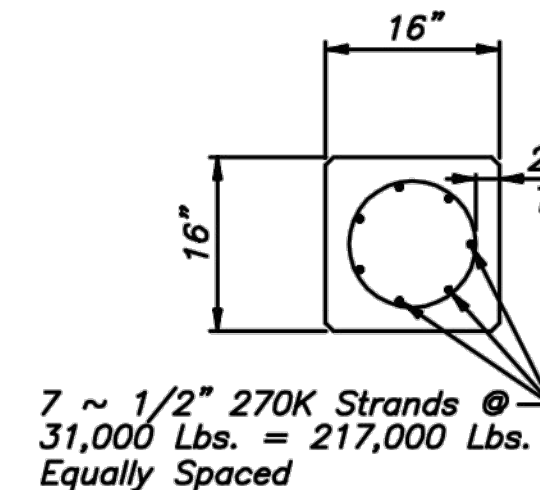
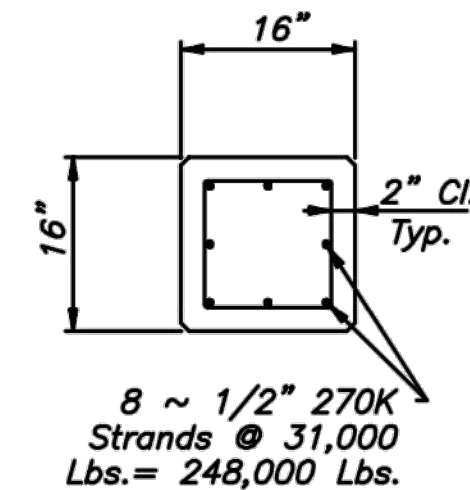
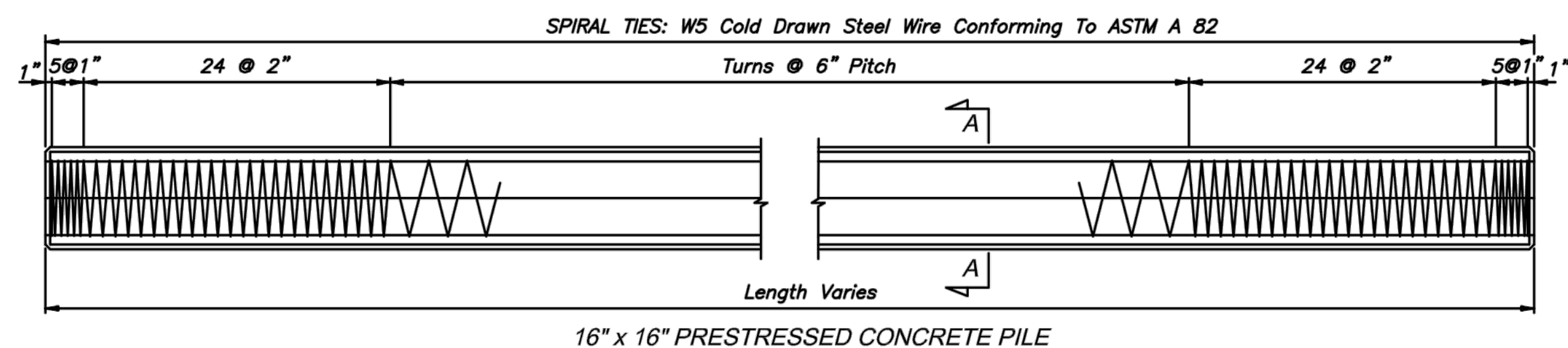
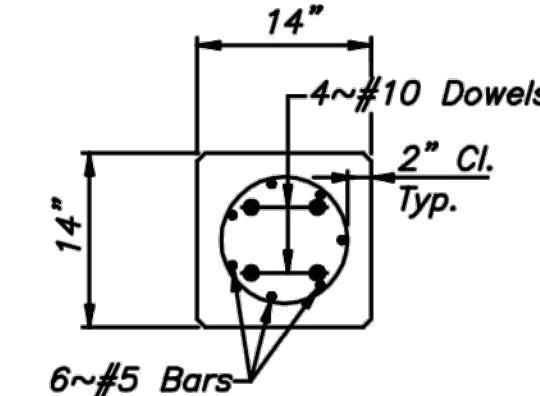
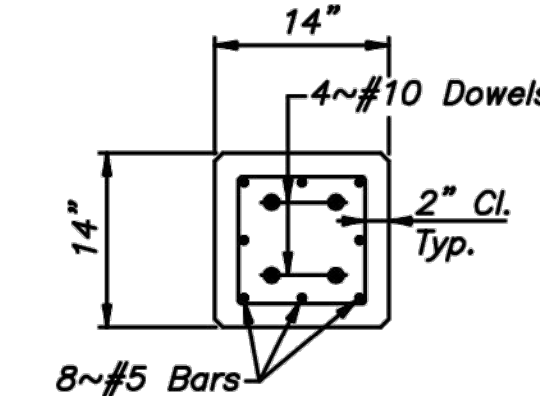
1. A CHEVRON SIGN CONSISTS OF A BLACK CHEVRON TYPE MARKING ON AN ORANGE BACKGROUND AND SHALL POINT IN THE DIRECTION OF TRAFFIC FLOW.
2. THE CHEVRON SIGN SHALL BE MOUNTED ON CRASHWORTHY SUPPORT.
3. CHEVRON SIGNS MAY BE USED TO SUPPLEMENT OTHER STANDARD DEVICES WHERE ONE OR MORE LANES ARE CLOSED FOR CONSTRUCTION OR MAINTENANCE. THEY SHOULD BE PLACED APPROXIMATELY 2'-0" BEHIND THE LANE TRANSITION STRIPE.

1. TYPE 3 OBJECT MARKERS SHALL BE USED AT ALL EXPOSED BRIDGE ABUTMENTS AND AT OTHER LOCATIONS AS DEEMED NECESSARY BY THE ENGINEER.
2. THE OM-3R IS SHOWN. THE OM-3L IS SIMILAR EXCEPT THE STRIPES SLOPE DOWNWARD FROM THE UPPER LEFT SIDE TO THE LOWER RIGHT SIDE AND SHALL BE PLACED ON THE LEFT SIDE OF THE OBJECT.
3. THE INSIDE EDGE OF THE MARKER SHALL BE IN LINE WITH THE INNER EDGE OF THE OBSTRUCTION.

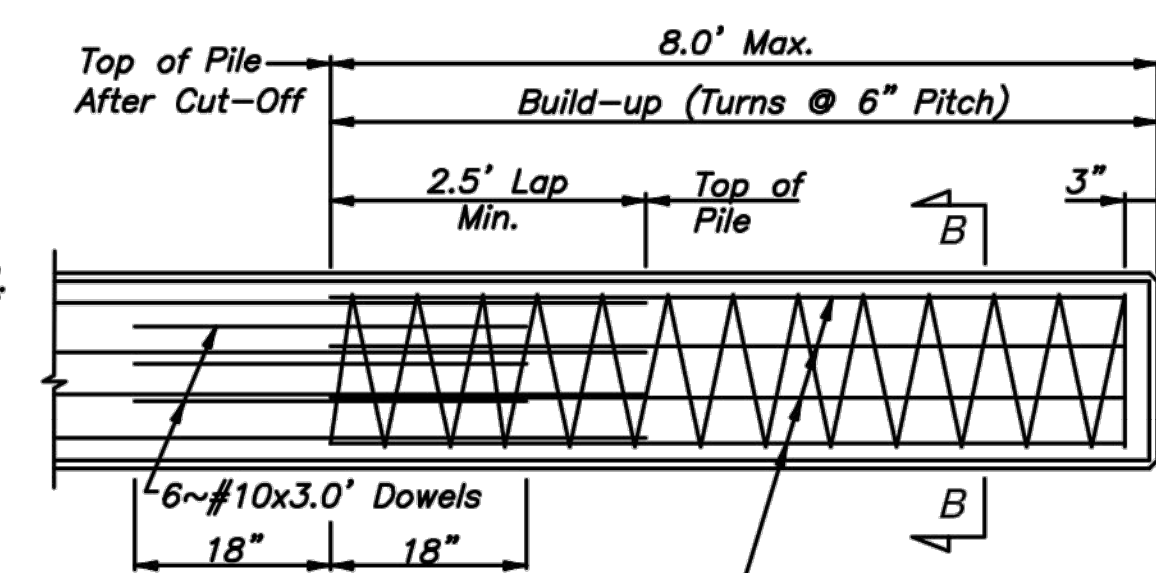
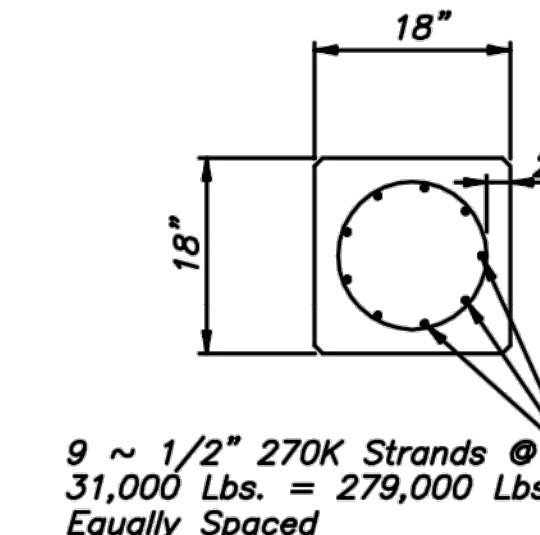
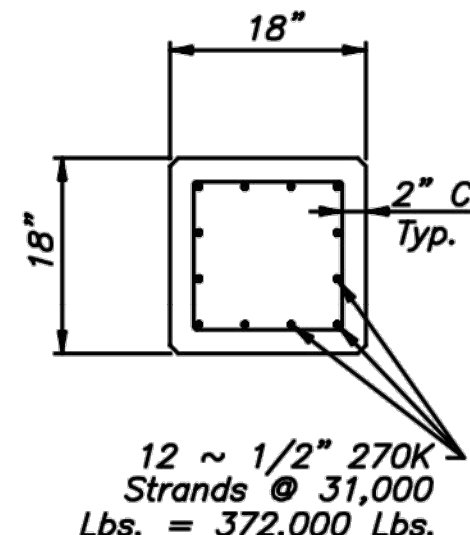
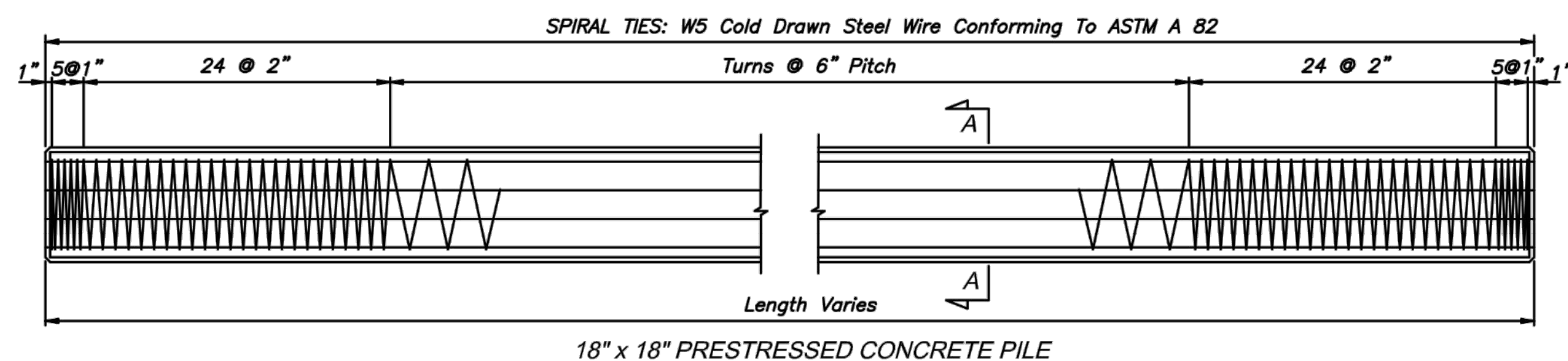
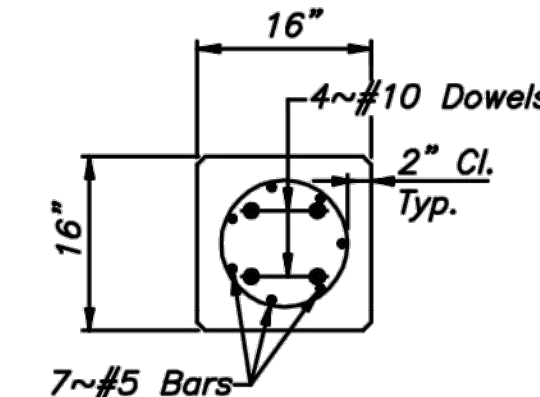
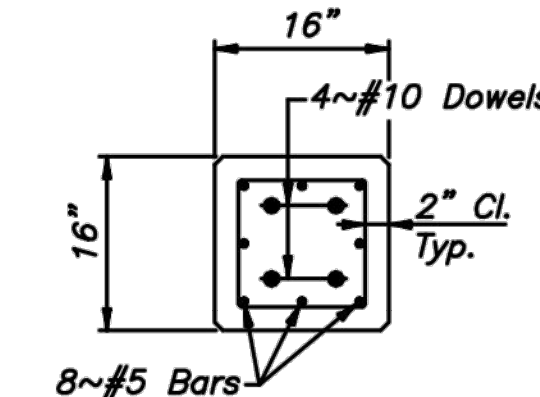
ISSUE DATE: AUGUST 01, 20



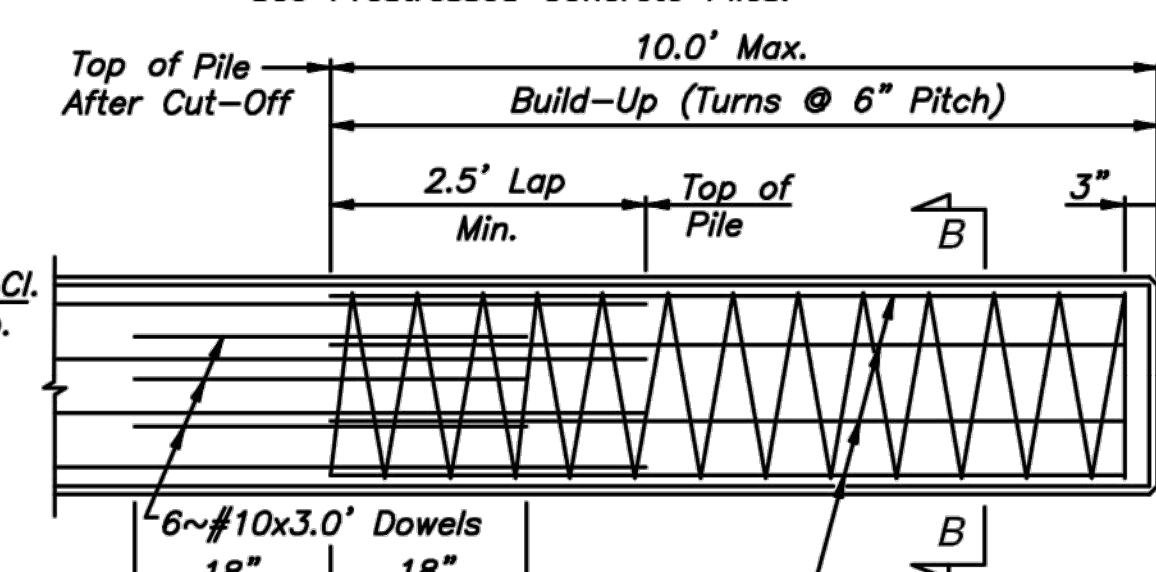
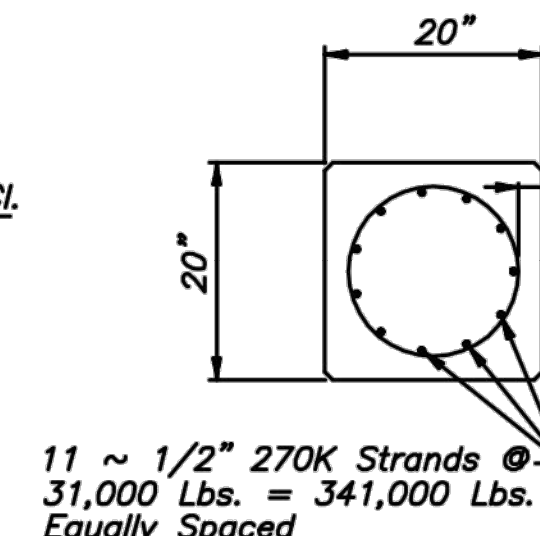
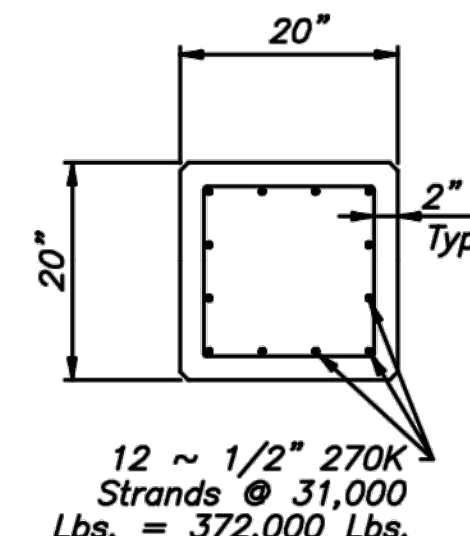
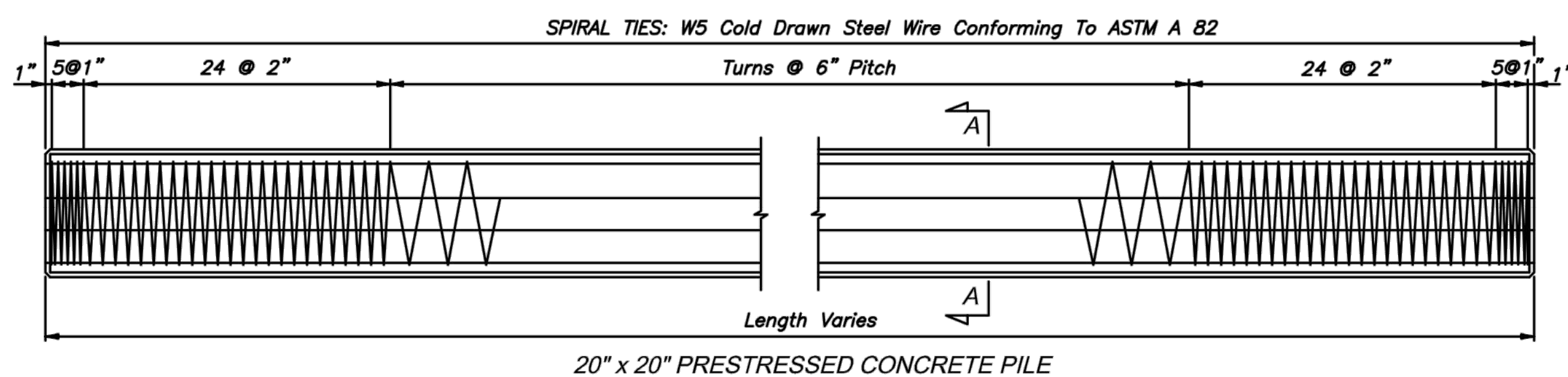
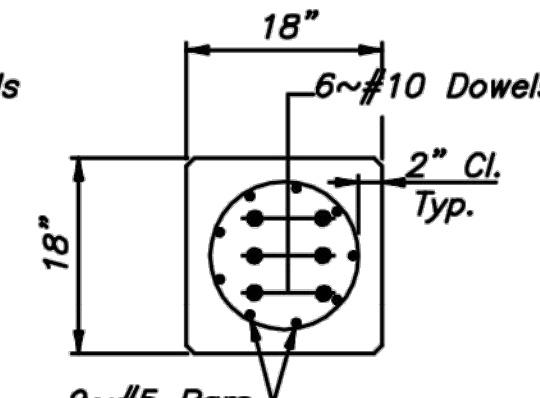
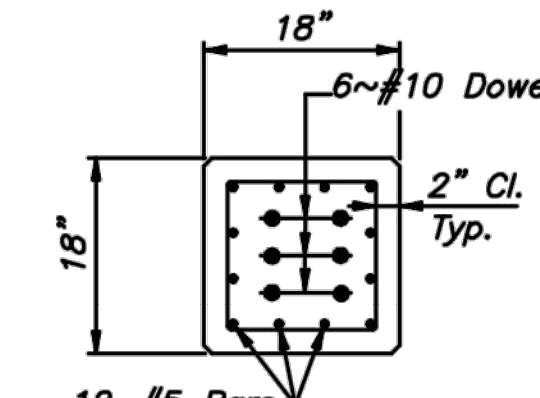
NOTE:
For Size Of Spiral Ties In Build-ups
See Prestressed Concrete Piles.



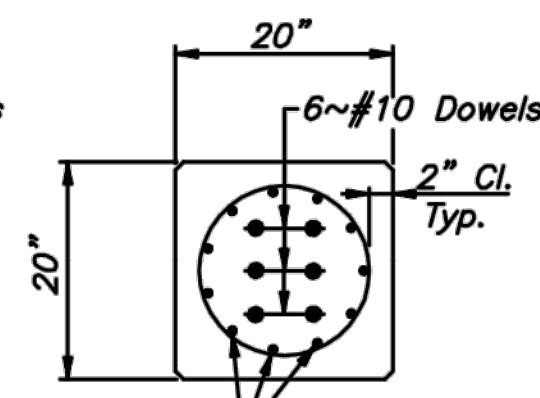
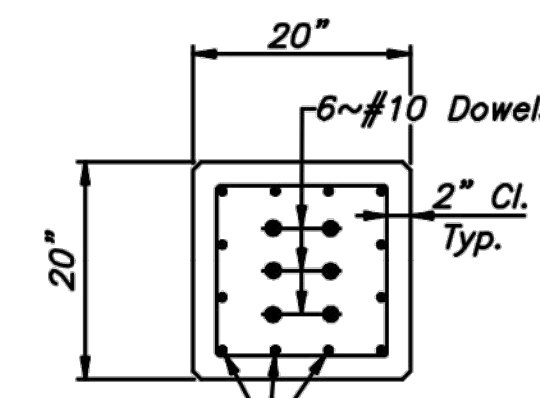
NOTE:
For Size Of Spiral Ties In Build-ups
See Prestressed Concrete Piles.



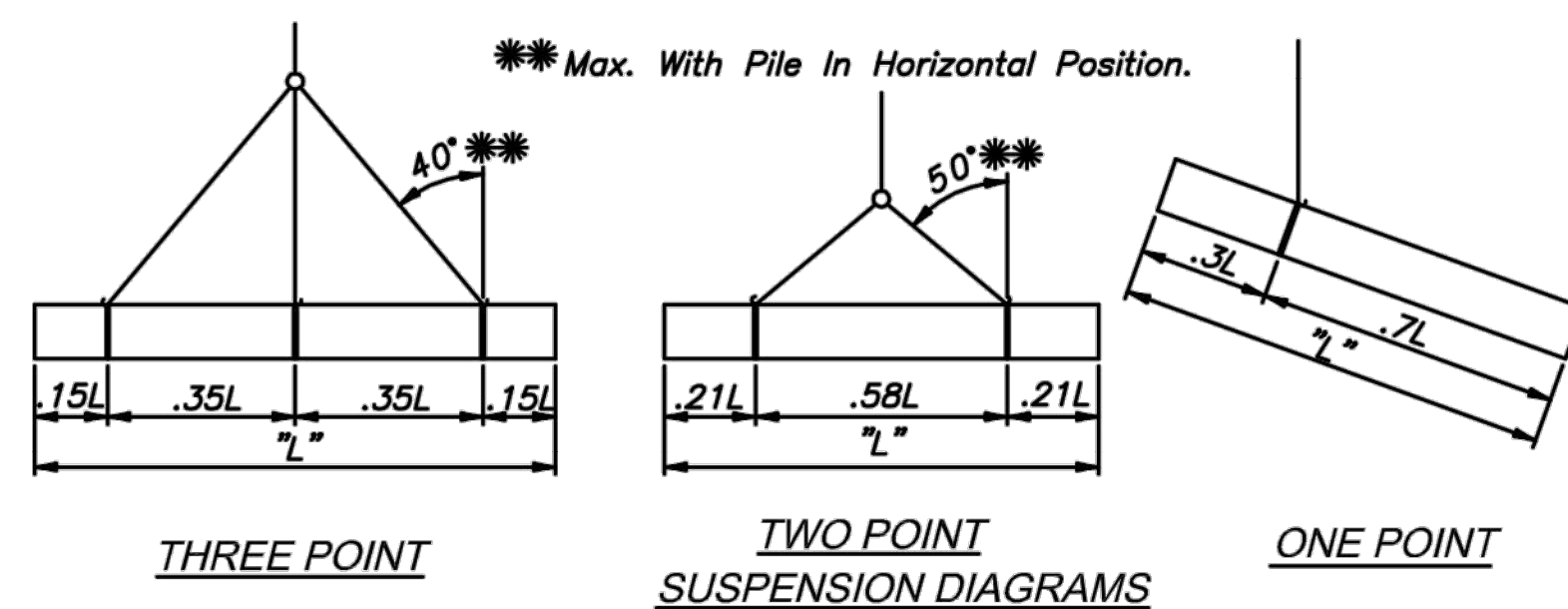
NOTE:
For Size Of Spiral Ties In Build-ups
See Prestressed Concrete Piles.



NOTE:
For Size Of Spiral Ties In Build-ups
See Prestressed Concrete Piles.



NOTE:
Piles Shall Be Marked Plainly With Removable Band Of Paint To Indicate Proper Pickup Points For Attaching Handling Lines.



MAXIMUM LENGTH "L"			
PILE SIZE	Single Point Pick-Up	Two Point Pick-Up	Three Point Pick-Up
14" x 14"	54.0'	78.0'	109.0'
16" x 16"	60.0'	84.0'	118.0'
18" x 18"	64.0'	91.0'	127.0'
20" x 20"	66.0'	93.0'	131.0'
20" x 20"	70.0'	101.0'	141.0'
20" x 20"	70.0'	98.0'	137.0'

GENERAL NOTES

Prestressed Strands Shall Be Type 270K Seven Wire, Uncoated Low Relaxation And Shall Conform To The Requirements of ASTM A 416 With An Initial Tension Of 31,000 Lbs. Applied To Each Low Relaxation Type Strand And Shall Have A Minimum Ultimate Strength Of 41,300 Lbs.

Piles Shall Be Manufactured In Accordance With Current Mississippi Standard Specifications For State Aid Road And Bridge Construction, With Particular Attention Directed To Sections 711, 803 & 804.

Wire Ties Shall Be Cold Drawn Steel Wire Per ASTM A 82. Spiral Ties Shall Be Tied To All Corner Strands Or Bars. Corners Shall Be Chamfered Uniformly, 1" For 16" Sq. To 18" Sq., And 1 1/2" for 20" Sq. or Larger.

Strands Shall Be Cut Flush With Ends Of Piles.

All Reinforcing Steel Shall Conform To ASTM A 615, Grade 60.

If Bridges Are Built In Coastal Areas, Prestressed Concrete Piles Must Be 16" Square Or Larger.

CONCRETE PILE BUILD-UP NOTE:

A Precast Section May Be Built-Up By Providing Cored Or Drilled Dowel Holes 18" Minimum Deep As Shown In Build-Up Details Hereon. Dowels Shall Be Adequately Bonded With An Approved Grout.

Concrete Shall Be Class "F"

DESIGN DATA:

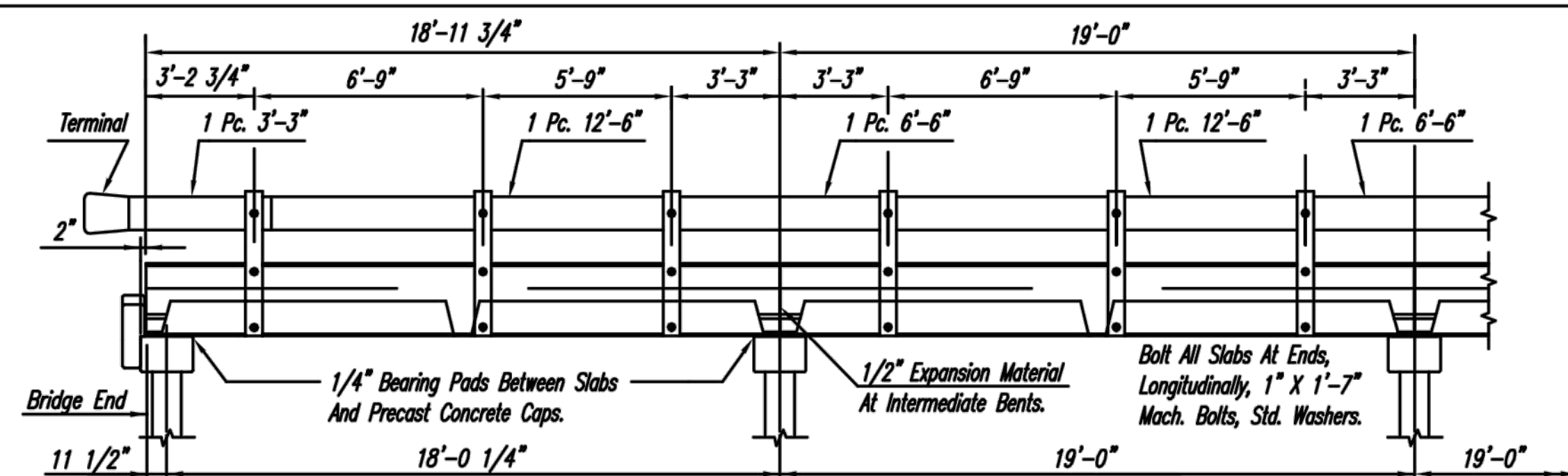
Specifications:
AASHTO LRFD Bridge Design Specifications, 4th EDITION, 2007, Through 2009 Interims

FHWA APPROVAL 03-11
STATE AID ENGINEER: J. BROOKS MILLER, SR.
BRIDGE ENGINEER: FRED HOLLIS

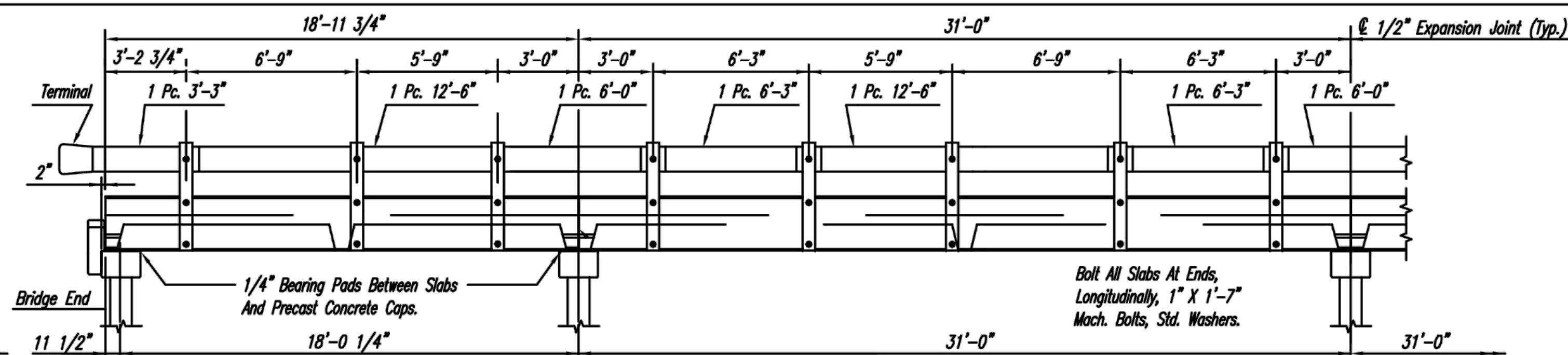
OFFICE OF STATE AID ROAD CONSTRUCTION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

14", 16", 18" & 20" SQUARE
PRESTRESSED CONCRETE PILES

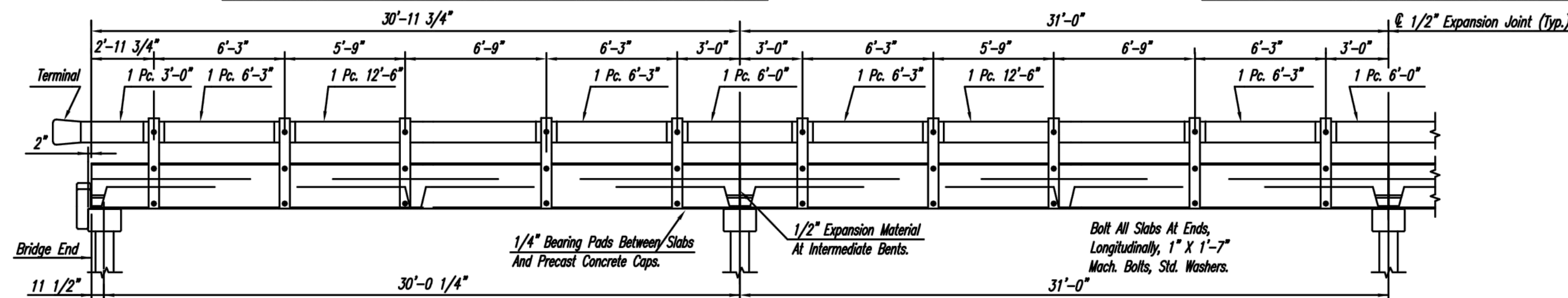
DRAWN BY: M.B.E.	ISSUED: F.C.H.	DRAWING NUMBER: CP-01
CHECKED BY: M.B.E.	DATE: 03-11	



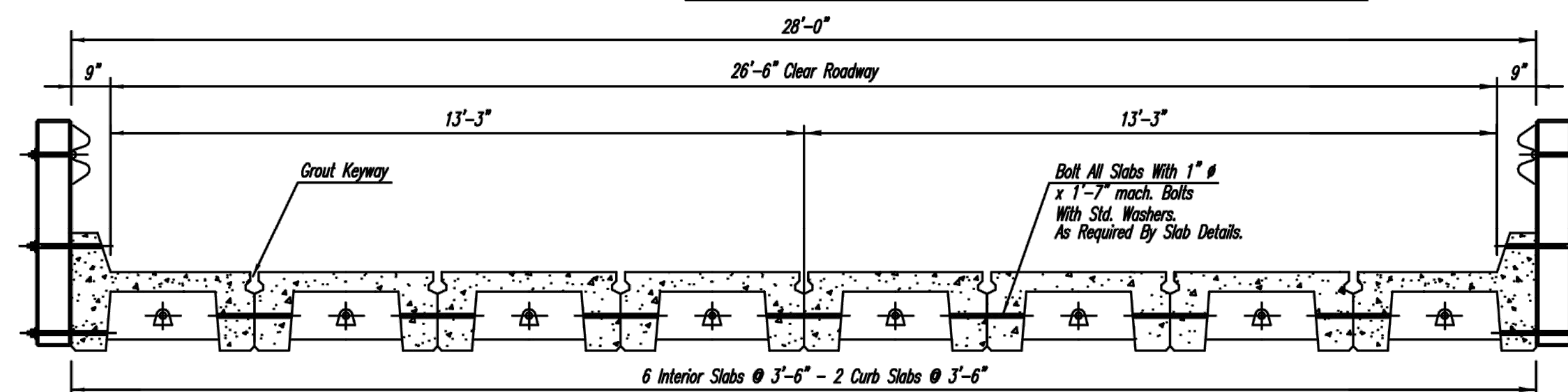
ELEVATION - 19' END SPAN & 19' INTERMEDIATE SPAN



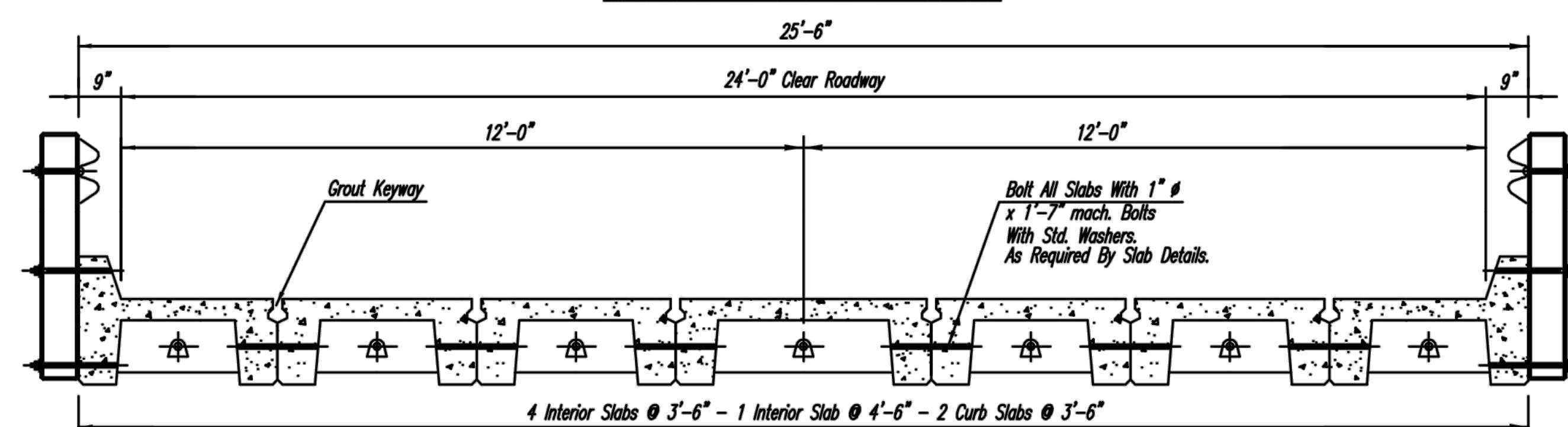
ELEVATION - 19' END SPAN & 31' INTERMEDIATE SPAN



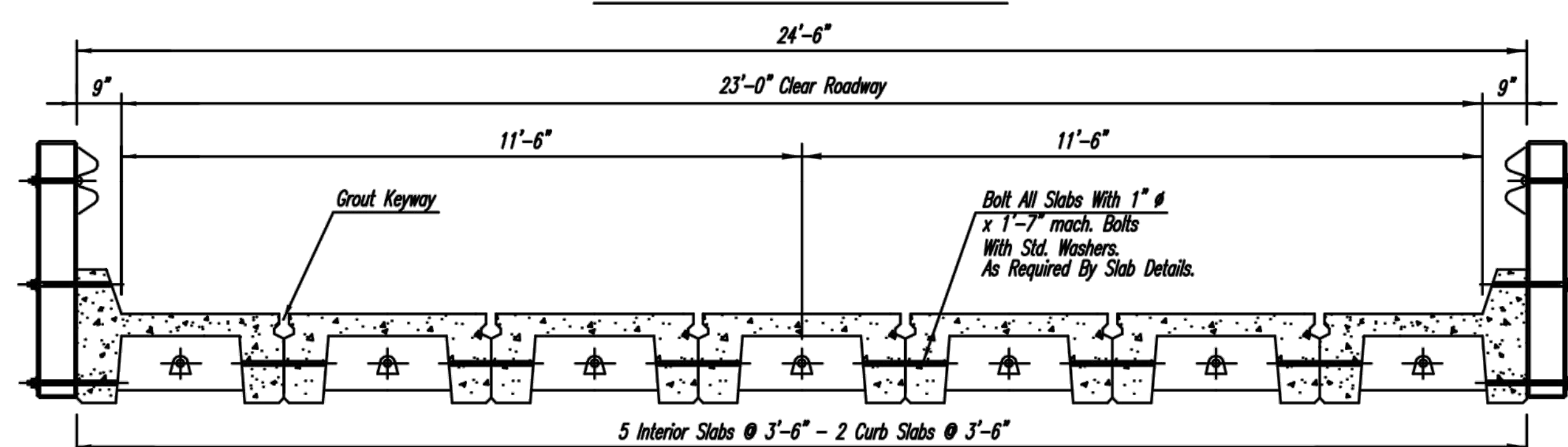
ELEVATION - 31' END SPAN & 31' INTERMEDIATE SPAN



SECTION OF 26'-6" ROADWAY

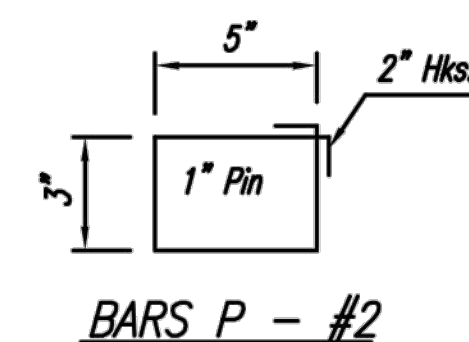


SECTION OF 24'-0" ROADWAY

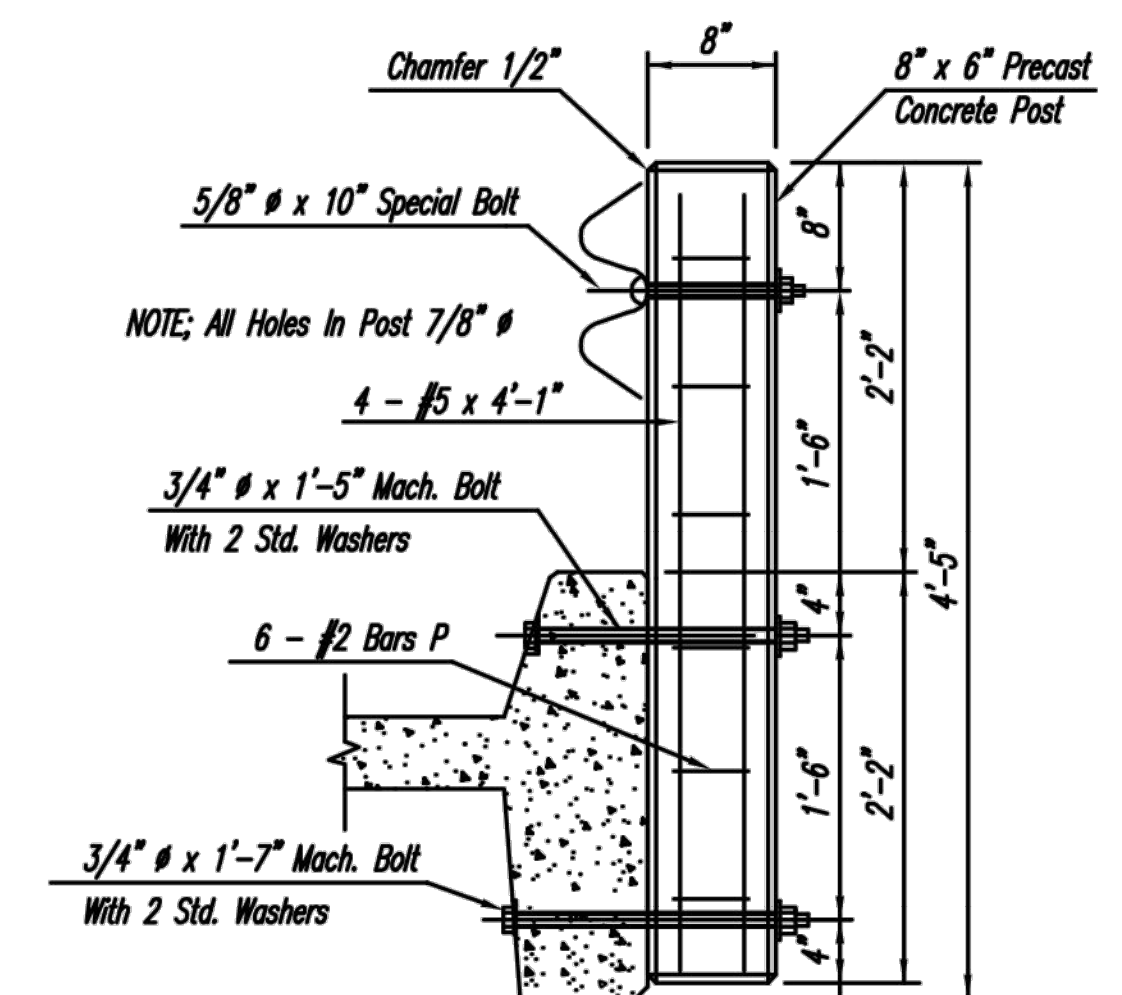


SECTION OF 23'-0" ROADWAY

NOTE: All Rail Shall Be Type I, Class B, (10 Ga.), Steel "W" Beam. Sections Shall Be Lapped At Posts Only In The Direction Of Approaching Traffic. Bolts For Rail To Post Shall Be 5/8" x 10" Button Head, Oval Shoulder With Hex Nuts And Standard Washers. Bolts For Splice Shall Be 5/8" x 1 1/4" Button Head, Oval Shoulder With Hex Nuts. 8 Splice Bolts At Each Lap Joint.



BARS P - #2



PRECAST POST DETAIL

PAY ITEM S-806-H: Beam Type Railing With Concrete Posts - per linear foot.

THIS STANDARD IS NOT APPROVED BY FHWA FOR USE ON FEDERALLY FUNDED PROJECTS

GENERAL NOTES

Specifications: Current Mississippi Standard Specifications For State Aid Road And Bridge Construction.
All Units Shall Be Accurately Placed On Preset Caps With All Slab To Cap Dowels Installed And All Bolts, Transverse And Longitudinal, Installed. Hardware Shall Be Galvanized Or Cadmium Plated.
All Material And Work For Which No Pay Items Are Provided In The Proposal Will Not Be Paid For Directly And Compensation Therefore Will Be Considered Included In The Prices And Payments For Bid Items.

DESIGN DATA:

Specifications:.....AASHTO LRFD Bridge Design Specifications, 4th Edition, 2007, Through 2009 Interims
Design Loading:.....HL-93
fy = 60,000 p.s.i.; f'c = 4,500 p.s.i.; n = 7

PAY ITEMS FOR 26'-6" ROADWAY

End Span	Pay Item No.	Quantity	Intermediate Span	Pay Item No.	Quantity
S-806-A: 19' Precast Concrete Slab Unit, 3.5' Interior	31'	6 Each	S-806-A: 19' Precast Concrete Slab Unit, 3.5' Interior	31'	6 Each
S-806-B: 19' Precast Concrete Slab Unit, Curb	31'	2 Each	S-806-B: 19' Precast Concrete Slab Unit, Curb	31'	2 Each
S-806-H: Beam Type Railing With Concrete Posts	19' 38.0 L.F. 31' 62.0 L.F.		S-806-H: Beam Type Railing With Concrete Posts	19' 38.0 L.F. 31' 62.0 L.F.	
S-806-I: 29.0' Precast Concrete Cap, Steel Intermediate Unit, Concrete Pile	1 Each		S-806-I: 29.0' Precast Concrete Cap, Steel Intermediate Unit, Concrete Pile	1 Each	
S-806-J: 29.0' Precast Concrete Cap, End Unit, Steel Concrete Pile	1 Each				
S-806-M: 7.5' Precast Concrete Wing	2 Each				

PAY ITEMS FOR 24'-0" ROADWAY

End Span	Pay Item No.	Quantity	Intermediate Span	Pay Item No.	Quantity
S-806-A: 19' Precast Concrete Slab Unit, 3.5' Interior	31'	4 Each	S-806-A: 19' Precast Concrete Slab Unit, 3.5' Interior	31'	4 Each
S-806-A: 19' Precast Concrete Slab Unit, 4.5' Interior	31'	1 Each	S-806-A: 19' Precast Concrete Slab Unit, 4.5' Interior	31'	1 Each
S-806-B: 19' Precast Concrete Slab Unit, Curb	31'	2 Each	S-806-B: 19' Precast Concrete Slab Unit, Curb	31'	2 Each
S-806-H: Beam Type Railing With Concrete Posts	19' 38.0 L.F. 31' 62.0 L.F.		S-806-H: Beam Type Railing With Concrete Posts	19' 38.0 L.F. 31' 62.0 L.F.	
S-806-I: 26.5' Precast Concrete Cap, Steel Intermediate Unit, Concrete Pile	1 Each		S-806-I: 26.5' Precast Concrete Cap, Steel Intermediate Unit, Concrete Pile	1 Each	
S-806-J: 26.5' Precast Concrete Cap, End Unit, Steel Concrete Pile	1 Each				
S-806-M: 7.5' Precast Concrete Wing	2 Each				

PAY ITEMS FOR 23'-0" ROADWAY

End Span	Pay Item No.	Quantity	Intermediate Span	Pay Item No.	Quantity
S-806-A: 19' Precast Concrete Slab Unit, 3.5' Interior	31'	5 Each	S-806-A: 19' Precast Concrete Slab Unit, 3.5' Interior	31'	5 Each
S-806-B: 19' Precast Concrete Slab Unit, Curb	31'	2 Each	S-806-B: 19' Precast Concrete Slab Unit, Curb	31'	2 Each
S-806-H: Beam Type Railing With Concrete Posts	19' 38.0 L.F. 31' 62.0 L.F.		S-806-H: Beam Type Railing With Concrete Posts	19' 38.0 L.F. 31' 62.0 L.F.	
S-806-I: 25.5' Precast Concrete Cap, Steel Intermediate Unit, Concrete Pile	1 Each		S-806-I: 25.5' Precast Concrete Cap, Steel Intermediate Unit, Concrete Pile	1 Each	
S-806-J: 25.5' Precast Concrete Cap, End Unit, Steel Concrete Pile	1 Each				
S-806-M: 7.5' Precast Concrete Wing	2 Each				

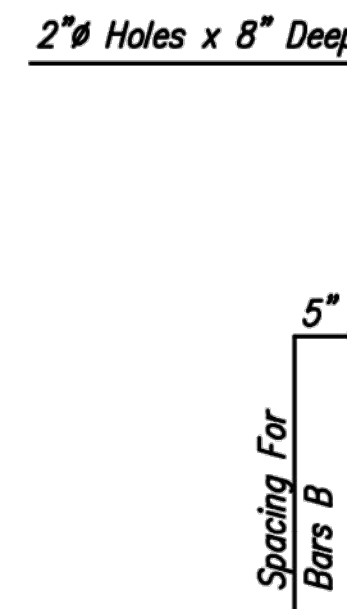
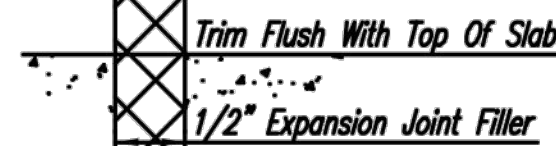
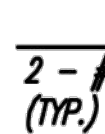
STATE AID ENGINEER: J. BROOKS MILLER, Sr.
BRIDGE ENGINEER: FRED HOLLIS

OFFICE OF STATE AID ROAD CONSTRUCTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
PRECAST CONCRETE SPANS FOR USE WITH W-BEAM RAIL 23'-0" ROADWAY 24'-0" ROADWAY 26'-6" ROADWAY	
DATE: 2-11	REVISIONS: 2-11
DRAWN BY: M.B.E.	ISSUED BY: F.C.H.
DESIGNED BY: M.B.E.	DATE: 6-11
DRAWING NUMBER: PC-01-09	



ELEVATION
INTERMEDIATE UNIT

Minimum Factored Pile Bearing Capacity
 19'-19' ~ 49 Tons (STR)
 19'-31' ~ 58 Tons (STR)
 31'-31' ~ 65 Tons (STR)



Minimum Factored Pile Bearing Capacity
19' ~ 32 Tons (STR1)
31' ~ 42 Tons (STR1)

Steel

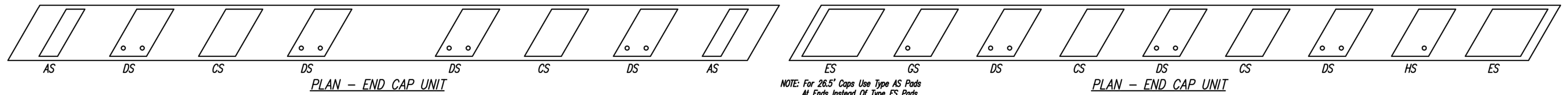
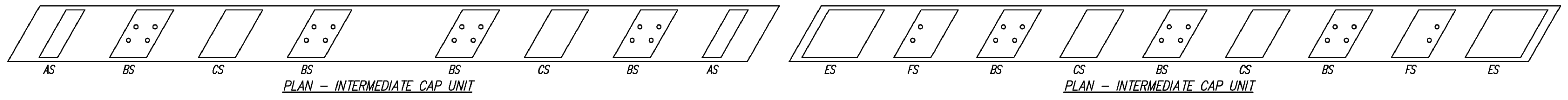
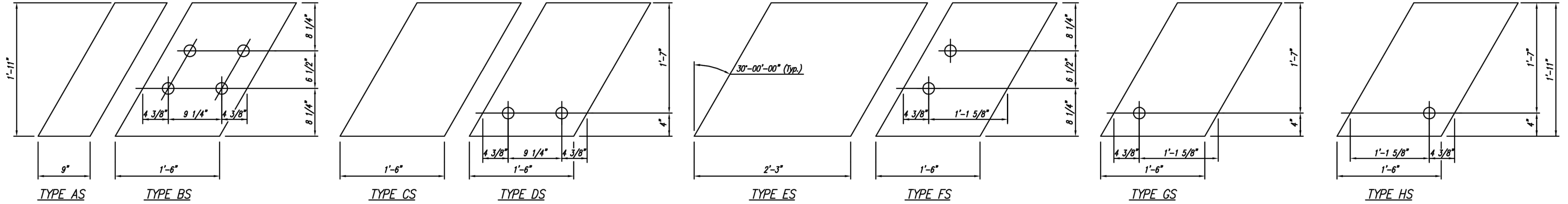
All Material And Work For Which No Pay Items Are Provided In The Proposal Will Not Be Paid For Directly And Compensation Therefore Will Be Considered Included In The Prices And Payments For Bid Items.

 $f_y = 60,000 \text{ p.s.i.} \quad f_c = 3,000 \text{ p.s.i.} \quad n = 9$

09-11	Revised Exp. Joint Filler Spec.
04-11	REVISED AASHTO LRFD 2009

PRECAST CONCRETE CAPS FOR USE
WITH 19 FT. & 31 FT. PRECAST
CONCRETE SPANS & W-BEAM RAIL
26'-6" ROADWAY

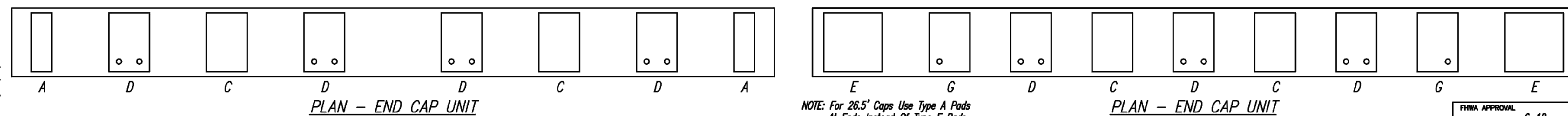
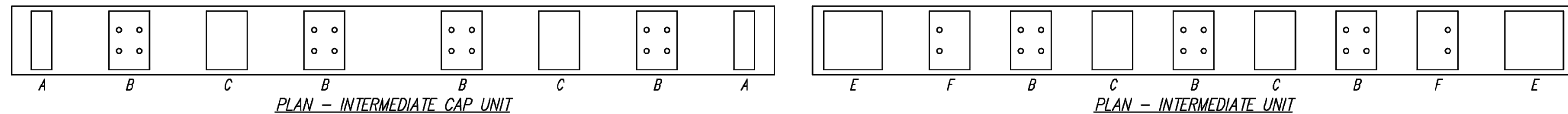
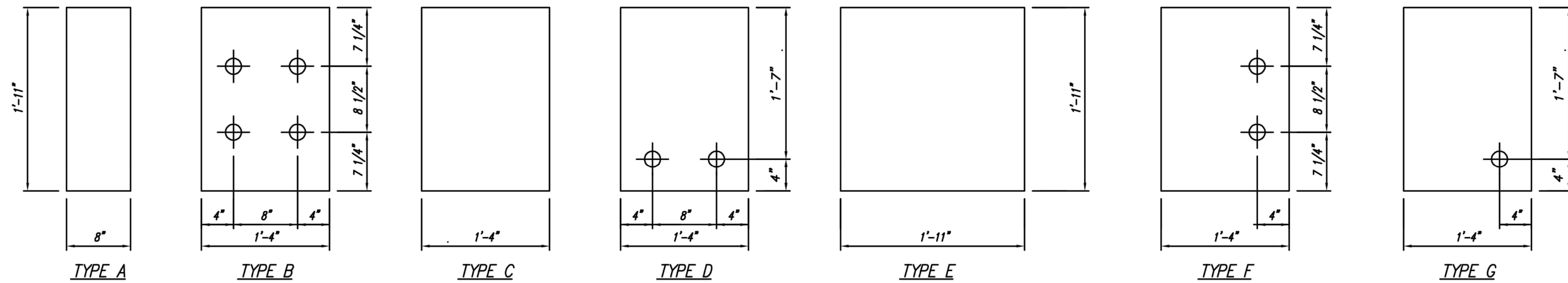
DRAWING NUMBER:
PC-11-09



NEOPRENE PAD PLACEMENT - 23' & 24' CLEAR ROADWAYS

NOTE: For 26.5' Caps Use Type AS Pads At Ends Instead Of Type ES Pads.

NEOPRENE PAD PLACEMENT - 26.5', 28', & 30' CLEAR ROADWAYS



NEOPRENE PAD PLACEMENT - 23' & 24' CLEAR ROADWAYS

NOTE: For 26.5' Caps Use Type A Pads At Ends Instead Of Type E Pads.

NEOPRENE PAD PLACEMENT - 26.5', 28', & 30' CLEAR ROADWAYS

GENERAL NOTES:

Specifications:
Hardness A.S.T.M. D2240 70 Durometer ± 5
Tensile Strength A.S.T.M. D412 2500
Ultimate Elongation Minimum % 300
All Holes Are 2 Inches In Diameter
Thickness Of The Pads Shall Be 1/4" Unless Otherwise Designated On The Plans. Pads May Be Cut From Stock Using Appropriate Saw Or Shear, And Holes May Be Drilled. Pads Will Not Be Paid For Separately And Compensation Therefore Shall Be Considered Included In The Prices And Payment For Bid Items.

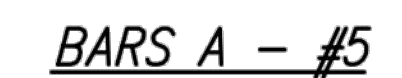
DESIGN DATA:

Specifications:A.A.S.H.T.O. LRFD BRIDGE DESIGN SPECIFICATIONS, 4th EDITION, 2007, THROUGH 2009 INTERIMS

PC-15 PADS (N.T.S.) 06/01/2005	Add Pad Types & Rev. Loc. 3-12 4-11	Revised 2009	OFFICE OF STATE AID ROAD CONSTRUCTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
			BEARING PAD & PLACEMENT DETAILS FOR USE WITH 23', 24', 26.5', 28', & 30' CLEAR ROADWAYS NORMAL AND 30° SKEW SPANS		
			DRAWN BY: M.B.E.	ISSUED BY: F.C.H.	DRAWING NUMBER: PC-15-09
			DESIGNED BY: M.B.E.	DATE: 6-11	

FHWA APPROVAL		6-10
STATE AID ENGINEER:		J. BROOKS MILLER, Sr.
BRIDGE ENGINEER:		FRED HOLLIS

ES	BY	STATE AID DIVISION		
ES	BY	MISSISSIPPI STATE HIGHWAY DEPARTMENT		
ES	BY	PRECAST CONCRETE		
ES	BY	BRIDGE SLAB DETAILS		
ES	BY	31'-0" SPANS — 26'-6" CLEAR ROADWAY		
ES	BY	FOR STATE AID PROJECTS ONLY		
ES	BY	<table border="1"> <tr> <td>DATE: 5/14</td> <td>CHECKED: PS</td> </tr> </table>	DATE: 5/14	CHECKED: PS
DATE: 5/14	CHECKED: PS			
ES	BY	PC-15-3179 (A)		



BAR BENDING DETAILS

Dimensions Are Out To Out

Specifications For Concrete

Specifications: Current Mississippi Standard Specifications For State Aid Road And Bridge Construction.

All Concrete Shall Obtain A Minimum Compressive Strength Of 3000 p.s.i At 28 Days, And Shall Obtain A Minimum Compressive Strength Of 2500 p.s.i. Before Units Are Lifted From Forms.

All Concrete Edges Shall Be Chamfered 3/4" Unless Otherwise Noted.

All Concrete Corners Shall Be Rounded To A 1/4" Radius.

All Reinforcing Steel Shall Be A.S.T.M. A615, Grade 60.

Dimensions For Reinforcing Steel Are To The Centerline Of The Bars, Unless Otherwise Noted.

All Reinforcing Steel Shall Be Accurately Located In The Forms And Firmly Held In Place By Means Of Steel Wire Supports.

All Hardware Shall Be Galvanized Or Cadmium Plated.

All Material And Work For Which No Pay Items Are Provided In The Proposal Will Not Be Paid For Directly And Compensation Therefore Will Be Considered Included In The Prices And Payments For Bid Items.

Specifications:.....A.A.S.H.T.O. LRFD BRIDGE DESIGN SPECIFICATIONS, 4th EDITION, 2007,
THROUGH 2009 INTERIMS

				OFFICE OF STATE AID ROAD CONSTRUCTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
				Rev. Exp. Joint Filler Note Rev. ASHTO LRFD 2009 REVISIONS PRECAST ABUTMENT WINGWALL FOR USE WITH 19 FT. & 31 FT. PRECAST CONCRETE SPANS & W-BEAM RAIL 23 FT., 24 FT., & 26.5 FT. ROADWAYS		
Dr.	09-11 4-11	DATE	DRAWN BY: <i>M.B.E.</i> DESIGNED BY: <i>M.R.F.</i>	ISSUED BY: <i>F.C.H.</i> DATE: <i>6-11</i>	DRAWING NUMBER: PC-16-09	

SPECIFICATIONS AND CONTRACT DOCUMENTS

FOR

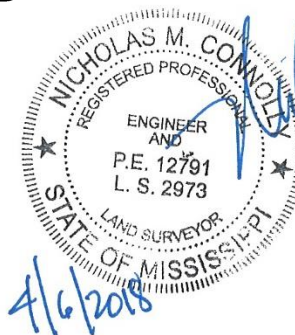
BARKLEY ROAD BRIDGE REPAIR

BRIDGE NO. SA18-165

FOR THE

CITY OF HATTIESBURG

APRIL, 2018

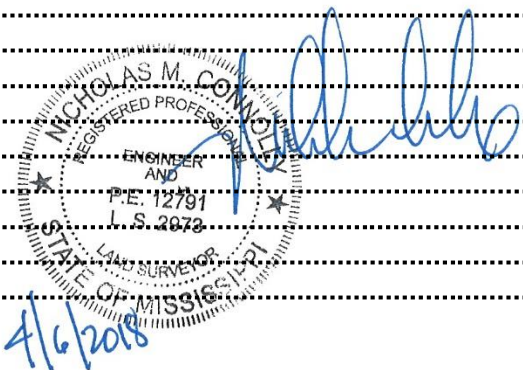


PREPARED BY:

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

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ADVERTISEMENT FOR BIDS

NOTICE is hereby given that the City Clerk of the **City Of Hattiesburg, MISSISSIPPI**, will receive sealed bids until **10:00 A.M.** on **May 31, 2018** in the City Clerk's Office in the City Hall of said City and then at said location opened and read aloud for furnishing the City's requirements for the following:

BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: May 31, 2018
BARKLEY ROAD BRIDGE REPAIR
BRIDGE NO. SA18-165
CITY OF HATTIESBURG

Official bid documents can be downloaded from Central Bidding at www.centralbidding.com. Electronic bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814. All bids must be accompanied by bid security equal to 5% of the amount of the bid, in the form of a certified check, cashier's check or a bid bond written by a company properly licensed in Mississippi.

Each BID must be received sealed and marked EXACTLY as follows:

BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: May 31, 2018
BARKLEY ROAD BRIDGE REPAIR
BRIDGE NO. SA18-165
CITY OF HATTIESBURG

No bid may be withdrawn for a period of sixty (60) days. The lowest and best proposal received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated and Amended, and other applicable State law; but the Council reserves the right to reject any or all proposals received and to waive informalities.

PUBLISHED by Order of the Council on the 17th day of April, 2018

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
Kermas Eaton, City Clerk

Publish on April 26, 2018 and May 3, 2018
City of Hattiesburg
Return PROOF to SDW, Inc.
301 Second Avenue
Hattiesburg, MS 39401



INSTRUCTIONS TO BIDDERS

- 1.0 Bids will be received by CITY of HATTIESBURG, MS herein called the "OWNER," at City Clerk's office at the City Hall until 10:00 a.m. on May 31, 2018, and then at said office publicly opened and read aloud.
- 2.0 Each sealed envelope containing a bid in excess of fifty thousand dollars (\$50,000) must be plainly marked on the outside as: "BID for BARKLEY ROAD BRIDGE REPAIR, BRIDGE NO. SA18-165, CITY OF HATTIESBURG"
- 2.1 **Sealed Bids Hand Delivered**
The outside of the sealed bid envelope must bear the name of the bidder, bidder's complete address, "Certificate of Responsibility Number," and the name of the project for which the bid is submitted.
- 2.2 **Sealed Bids Mailed**
The outside of the sealed bid envelope must bear the name of the bidder, bidder's complete address, "Certificate of Responsibility Number," and the name of the project for which the bid is submitted.
- The sealed bid envelope (containing the bid) must then be enclosed in a carrier envelope addressed to the OWNER.
- 2.3 No bid will be opened, considered, or accepted unless the above stated information is given as specified.
- 3.0 When required by the OWNER, sufficient evidence must be submitted that said "Certificate of Responsibility" has been issued and is in effect at the time of receiving bids.
- 4.0 All bids must be made on the required bid form (enclosed). All spaces, including blank spaces, for bid prices must be completed in ink or typewritten and the bid form must be fully completed and executed when submitted. Only one copy of the bid form is required.
- 5.0 The contract will be awarded on the basis of the low base bid or low combination of base bid and those alternatives which produce a total within available funds. The OWNER reserves the right to waive irregularities and to reject any or all bids. The OWNER reserves the right to award to a bidder other than the low bidder when, in the OWNER'S judgment, it is in his best interest to do so. Three such reasons may be, but are not limited to: (1) bidder being in arrears on existing contracts; (2) bidder being in litigation with the OWNER; (3) bidder having defaulted on a previous contract. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. No bidder may withdraw a bid within 60 days after the actual date of the opening thereof. Should there be reasons why the contract cannot be awarded within the specified period; the time may be extended by mutual agreement between the OWNER and the bidder.
- 6.0 Bidders must satisfy themselves of the accuracy of the estimated quantities in the bid schedule by examination of the site and a review of the contract documents, including "ADDENDA." After bids have been submitted, the bidder shall not assert that there was a misunderstanding concerning the quantities of work or of the nature of the work to be done.

- 7.0 If any person contemplating the submission of a bid for the proposed contract is in doubt as to the true meaning of any part of the plans, specifications, or other proposed contract documents, submit a written request for an interpretation thereof to:

Shows, Dearman & Waits, Inc.
Consulting Engineers
301 2nd Ave
Hattiesburg MS 39401

- 7.1 The written request for clarification must be received at least ten (10) days prior to the date fixed for opening of bids.
- 7.2 Any interpretation of the contract documents will be made by the "ADDENDA" duly issued to each person receiving a set of such documents not later than forty-eight (48) hours prior to the time of opening of bids, excluding weekends and legal holidays.
- 7.3 The OWNER will not be responsible for explanations or interpretations of proposed documents, except as issued in accordance herewith.
- 8.0 The OWNER shall provide to bidders prior to bidding all information that is pertinent to, delineates, and describes the land owned as well as rights-of-way acquired or to be acquired.
- 9.0 The "Contract Documents" contain the provisions required for the construction of the project. Information obtained from an officer, agent, or employee of the OWNER or any other person shall not affect the risks or obligations assumed by the contractor or relieve contractor from fulfilling any of the conditions of the "Contract Agreement."
- 10.0 Each bid must be accompanied by a "Bid Bond" payable to the OWNER for five percent (5%) of the total amount of the bid. As soon as the bid prices have been compared, the OWNER will return all the said bonds except the bonds from the three (3) lowest responsive, responsible bidders. When the "Contract Agreement" is executed, the said bonds of the two remaining unsuccessful bidders will be returned. The "Bid Bond" of the successful bidder will be retained until the "Payment Bond," "Performance Bond," and "Certificates of Insurance" have been executed and approved, after which the "Bid Bond" will be returned to the successful bidder. A certified check may be used in lieu of a "Bid Bond."
- 11.0 A "Payment Bond," and "Performance Bond," each in the amount of one hundred percent (100%) of the contract price along with an owner-approved corporate surety that is listed on the US Treasury Department's most current list (Circular 570, as amended) will be required for the faithful performance of the contract.
- 12.0 Attorneys-in-fact who sign the "Bid Bond," "Payment Bond," and "Performance Bond" must file with each said bond a certified and effective-dated copy of their "Power of Attorney."
- 13.0 The party to whom the contract is awarded will be required to execute the "Contract

Agreement" and obtain and submit the "Performance Bond," "Payment Bond," and "Certificate of Insurance" within ten (10) calendar days from the date when "Notice of Award" is delivered to the bidder. The "Notice of Award" shall be accompanied by the required "Contract Agreement" and said bond forms. In case of failure of the bidder to execute and submit the "Contract Agreement," "Performance Bond," "Payment Bond," and "Certificate of Insurance," the OWNER may - at his option - determine the bidder in default, in which case the "Bid Bond" accompanying the proposal shall become the property of the OWNER.

- 14.0 The OWNER within ten (10) calendar days of receipt of acceptable "Performance Bond," "Payment Bond," Certificate of Insurance," and "Contract Agreement" signed by the party to whom the "Contract Agreement" was awarded, shall sign the "Contract Agreement" and return to such party an executed duplicate of the "Contract Agreement" and issue a "Notice to Proceed." Should the OWNER not execute the "Contract Agreement" within such stated period, the bidder may by written notice withdraw his signed "Contract Agreement" without further liability on the part of either party. Such notice of withdrawal shall be effective upon receipt of the notice by the OWNER. Should there be reason(s) the "Notice to Proceed" cannot be issued within such stated period, the time may be extended by mutual agreement between the OWNER and contractor. If the "Notice to Proceed" has not been issued within the ten (10) calendar day period or within the period mutually agreed upon between OWNER and contractor, the contractor may terminate the "Contract Agreement" without further liability on the part of either party.
- 15.0 The OWNER may make such investigations as he deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the OWNER all such information and data for this purpose as the OWNER may request. The OWNER reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the OWNER that such bidder is properly qualified to carry out the obligations of the "Contract Agreement" and to complete the work contemplated therein.
- 16.0 A conditional (to qualify) bid will not be accepted.
- 17.0 Award will be made to the lowest responsible, responsive bidder. (See herein paragraph 5.0.)
- 18.0 All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the stated project shall apply to the "Contract Agreement" throughout.
- 19.0 The failure or omission of any bidder to do any of the foregoing shall in no way relieve any bidder from any obligation in respect to his bid.
- 20.0 Further, the bidder agrees to abide by the requirements under Executive Order No. 11246, as amended, including specifically the provisions of the equal opportunity clause set forth in the supplemental "General Conditions."
- 21.0 Non-Resident Contractor
When a non-resident contractor submits a bid for a Mississippi public project, he shall attach thereto a copy of his resident state's current law pertaining to such state's treatment of non-resident contractors as required by House Bill Number 850, Chapter Number 527,

Laws of 200588.

22.0 Telegraphic Modifications

Any bidder may modify his bid by telegraphic communication at any time, provided such communication is received prior to the scheduled bid opening. Written confirmation must be received within two (2) days after the scheduled bid opening or no consideration will be given the telegraphic modifications.

23.0 Resident Labor Used on Public Works

Each bidder must inform himself of the requirements and provisions of Sections 31-5-17, 31-5-2005 and 31-5-21 of the Mississippi Code of 200572, which require the use of Mississippi resident labor on this public works project.

24.0 The BIDDER shall supply the names and addresses of major material SUPPLIERS and SUBCONTRACTORS when required to do so by the OWNER.

25.0 The ENGINEER is SHOWS, DEARMAN & WAITS, INC. The address of the ENGINEER is 301 2nd Avenue, HATTIESBURG, MISSISSIPPI.

26.0 Official bid documents can be downloaded from Central Bidding at www.centralbidding.com. Electronic bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814.

PROPOSAL FORM

I(we) agree to begin work within ten (10) calendar days after the issuance of the "Notice to Proceed" and to complete the work within 75 calendar days thereafter.

It is understood that the quantities of work listed for unit prices bid are approximate, and are intended to merely indicate the general scope of the various items entering into the complete work. It is further understood and agreed that the Owner may increase or decrease the quantities listed in the proposal to an extent equivalent to thirty percent (30%) of the bid price (in dollars) and that no change in the unit prices proposed shall be occasioned thereby.

The undersigned further agrees that the unit and lump sum prices quoted include all items of work required or necessary for the accomplishment of the projected work and that these items include all work indicated on the plans and specifications for which no specific pay items have been established.

The undersigned certifies that the bid prices contained herein have been carefully checked and are submitted as correct and final.

If within sixty (60) days the scheduled closing time for receipt of bids, this proposal is accepted, the undersigned will execute a formal contract within seven (7) days after official notification thereof, will deliver a surety bond for the faithful performance of this contract, and will complete the work within the time specified from the date of execution of the contract.

Respectfully Submitted,

Name of Firm or Bidder

by: _____

Address



PROPOSAL

BARKLEY ROAD BRIDGE REPAIR CITY OF HATTIESBURG

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENSION
ROADWAY ITEMS					
201-A	Clearing and Grubbing	Lump Sum	Lump Sum		
202-B	Removal of Bridge	Unit	1		
203-A	Unclassified Excavation, FM	Cu. Yd.	10.0		
203-E	Borrow Excavation, LVM	Cu. Yd.	17.0		
403-A	9.5-mm Mixture, ST, Asphalt Pavement	Ton	6.0		
403-A	19-mm Mixture, ST, Asphalt Pavement	Ton	3.0		
406-A	Cold Milling of Bituminous Pavement, All Depths	Sq. Yd.	55.0		
618-A	Maintenance of Traffic	Lump Sum	Lump Sum		
618-B	Additional Construction Signs	Sq. Ft.	0		
620-A	Mobilization	Lump Sum	Lump Sum		
SUBTOTAL ROADWAY ITEMS					
EROSION CONTROL ITEMS					
225-A	Grassing	Acre	0.3		
225-B	Agricultural Limestone	Ton	0.3		
225-C	Mulch, Vegetative Mulch	Ton	0.6		
226-A	Temporary Grassing	Acre	0.3		
234-A	Temporary Silt Fence	Lin. Ft.	200.0		
237-A	Wattles, 20"	Lin. Ft.	200.0		
SUBTOTAL EROSION CONTROL ITEMS					

BRIDGE ITEMS					
Sta. 65+43.48, 2@31' Precast Concrete Beam Spans					
803-A	Test Pile	Each	1		
803-B	Conventional Static Pile Load Test	Each	0		
803-C	14" x 14" Prestressed Concrete Piling	Lin. Ft.	280.0		
806-A	31' Precast Concrete Slab Units, 3'-6" Interior, Remove and Reset	Each	12		
806-B	31' Precast Concrete Slab Unit, Curb, Remove and Reset	Each	4		
806-H	Beam Type Railing with Concrete Posts, Remove and Reset	Lin. Ft.	124.0		
806-J	29'-0" Precast Concrete Cap, End Unit, Concrete Pile	Each	2		
806-M	7'-6" Precast Concrete Wing	Each	4		
815-A	Loose Riprap, 300 Lb.	Ton	47.0		
815-E	Geotextile under Riprap, Type V, AOS 0.21-0.43	Sq. Yd.	120.0		
SUBTOTAL BRIDGE ITEMS					
TOTAL BID					

Note: All other items of work are to be absorbed.

BID BOND

KNOWN ALL MEN BY THESE PRESENTS: that we, the undersigned,
_____, as PRINCIPAL, and _____, as SURETY,
are hereby held and firmly bound unto the City of Hattiesburg, as OWNER in the penal sum of 5%
(Five Percent) of the bid amount for payment of which, well and truly to be made, we hereby jointly
and severally bind ourselves, successors, and assigns.

Signed, this _____ day of _____, 201_.

The condition of the above obligation is such that whereas the PRINCIPAL has submitted to the City of Hattiesburg a certain bid, attached hereto and hereby made a part hereof, to enter into a contract in writing for the BARKLEY ROAD BRIDGE REPAIR, CITY OF HATTIESBURG project.

NOW, THEREFORE,

- a) If said bid shall be rejected, or
- b) If said bid shall be accepted and the PRINCIPAL shall execute and deliver a contract in the form of contract attached hereto (properly completed in accordance with said bid) and shall furnish a bond for his faithful performance of said contract and for the payment of all persons performing labor or furnishing materials in connection therewith and shall in all other respects perform the agreement created by the acceptance of said bid, then this obligation shall be void; otherwise, the same shall remain in force and effect; it being expressly understood and agreed that the liability of the SURETY for all and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The SURETY, for value received, hereby stipulates and agrees that the obligations of said SURETY and its bond shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such bid and said SURETY does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the PRINCIPAL and the SURETY have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

(Seal)

_____(L.S.)
PRINCIPAL

(Seal)

SURETY

by: _____

IMPORTANT NOTE: Surety companies executing bonds must appear on the US Treasury Department's most current list (Circular 570, as amended) and be authorized to transact business in the state where the project is located.



CONTRACT AGREEMENT

THIS AGREEMENT, made this _____ day of _____, 201____, by and between the City of Hattiesburg, hereinafter called "OWNER" and _____, doing business as (an individual,) or (a partnership,) or (a corporation) hereinafter called "CONTRACTOR,"

WITNESSETH: that for and in consideration of the payments and agreements hereinafter mentioned:

ARTICLE I

Scope of Work

The CONTRACTOR agrees to furnish all tools, labor, equipment, materials, and supplies required to be furnished, and perform all work required under and in accordance with the plans entitled:

**BARKLEY ROAD BRIDGE REPAIR
BRIDGE NO. SA18-165
CITY OF HATTIESBURG**

which are on file at the office of the OWNER, and the Specifications, Proposals, General and Special Conditions attached hereto and made a part hereof as fully as though copied herein, under the direct supervision and to the entire satisfaction of the OWNER and in accordance with the laws of the State of Mississippi.

ARTICLE II

The Contract Sum

It is further agreed and understood by and between the parties hereunto that the OWNER agrees to pay and the CONTRACTOR agrees to accept full and final compensation for all work done under this agreement, the lump sum amount adjusted for variation of quantities at the unit prices named in the Proposal, which is hereto attached, such payment to be made in lawful money of the United States at the time and in the manner hereinafter set forth.

ARTICLE III

Time of Completion

The CONTRACTOR agrees, for the consideration above expressed, to begin and complete the work within the time specified in the proposal. If the CONTRACTOR fails to complete the work in the time specified, he shall pay the OWNER as liquidated damages, ascertained and agreed, and not in the nature of a penalty, the sum of Two Hundred Dollars (\$200.00) for each day delayed, which



shall be deducted from the final amount to be paid under the contract; provided that the extension of time with the waiver of liquidated damages may be granted as provided for in the Specifications.

ARTICLE IV

Progress Payments

The owner agrees to make progress payments during the construction as provided herein as follows:

The CONTRACTOR will, on or before the tenth (10th) day of each month, make an estimate of the value of the work done based on contract prices, and submit to the ENGINEER, along with an affidavit by the CONTRACTOR that progress payments theretofore received from OWNER have discharged in full all the CONTRACTOR's obligations stated in prior progress payments. ENGINEER will recommend partial payment to the OWNER within a reasonable time of receipt of CONTRACTOR's estimate based on the ENGINEER's estimated quantities.

The OWNER agrees to pay the CONTRACTOR one hundred percent (100%) of the value of the work done each month, less retainage in accordance with MS Code of 1972 Section 31-5-33 until final acceptance of the work has been made. If defective and/or materials are discovered or reasonable doubt arises to the integrity of any part of the work for which partial payment has been allowed, a deduction from subsequent estimates in the amount equal to the work in question will be made until the defects have been remedied or the cause for doubt removed

ARTICLE V

Acceptance and Final Payment

Upon receipt of written notice that the work is ready for final acceptance and inspection, the Engineer shall promptly make such inspection and when he finds the work acceptable under the contract and the contract fully performed, he shall promptly issue a final certificate over his own signature stating that the work provided for in the contract has been completed and is accepted by him under the terms and conditions thereof. Then, the entire balance shall be due the CONTRACTOR within forty-five (45) days from the date of said final acceptance, and receipt of the closeout documents required per the Supplement to General Conditions and recommendation of the same to the OWNER.

Before issuance of final certificate, the CONTRACTOR shall submit evidence satisfactory to the Engineer that all payrolls, materials, bills, and other indebtedness connected with the work have been paid.

The making and acceptance of the final payment shall constitute a waiver of all claims by the OWNER, other than those arising from unsettled liens, from faulty work or materials appearing within one (1) year after payment or claims previously made and still unsettled.

If, after the work has been substantially completed, full completion thereof is materially delayed through no fault of the CONTRACTOR and the Engineer so certifies, the OWNER shall, upon certificate of the Engineer and without terminating the contract, make payment of the balance due for that portion of the work fully completed and accepted. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

ARTICLE VI

The Performance Bond

The CONTRACTOR agrees to furnish a bond with an approved surety thereon guaranteeing the performance of this contract in no less than one hundred percent (100%) of the amount of the contract. Said bond shall be conditioned on full and complete performance of the contract, and the payment of all labor and materials for a period of one (1) year after completion. The Surety on said bond shall be a surety company of financial resources satisfactory to the OWNER and authorized to do business in the State of Mississippi.

ARTICLE VII

Insurance

The CONTRACTOR agrees to also carry public liability insurance, property damage insurance, and workman's compensation insurance in amounts as required by the specifications.

WITNESSETH: that for and in consideration of the payments and agreements hereinafter mentioned:

1. The CONTRACTOR will commence and complete the construction of Barkley Road Bridge Repair, Bridge No. SA18-165, City of Hattiesburg, MS.
2. The CONTRACTOR will furnish all of the material, supplies, tools, equipment, labor, and other services necessary for the construction and completion of the project described herein.
3. The CONTRACTOR will commence the work required by the "Contract Documents" within fifteen (15) calendar days unless the period for completion is extended otherwise by the "Contract Documents."
4. The CONTRACTOR agrees to perform all of the work described in the "Contract Documents" and comply with the terms therein for the sum of _____ or as shown in the bid schedule.
5. The term "Contract Documents" means and includes the following:

Advertisement for Bids	Notice of Award
Instructions to Bidders	Notice to Proceed
Bid	Change Order
Bid Bond	General Conditions
Contract Agreement	Supplemental General Conditions
Payment Bond	Technical Specifications
Performance Bond	Drawings
Addenda: No. ____.	Dated: _____, 20__
No. ____.	Dated: _____, 20__
No. ____.	Dated: _____, 20__



No. _____. Dated: _____, 20____

6. The OWNER will pay to the CONTRACTOR in the manner and at such times as set forth in the "General Conditions" such amounts as required by the "Contract Documents."
7. This "Contract Agreement" shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

(Owner's Seal)

OWNER:

City of Hattiesburg _____

(Owner's Seal)

Authorized by: _____

(Printed Name & Title)

ATTEST _____

CONTRACTOR:

(Contractor's Seal)

ATTEST _____

IMPORTANT NOTE: Surety companies executing bonds must appear on the US Treasury Department's most current list (Circular 570, as amended) and be authorized to transact business in the state where the project is located.



PAYMENT BOND

KNOWN ALL MEN BY THESE PRESENTS: that

_____ Contractor	_____ Contractor's Address
a _____ (Corporation, Partnership, Individual)	_____ City/State/Zip

hereinafter called "PRINCIPAL," and

_____ SURETY	_____ SURETY's Address
	_____ City/State/Zip

hereinafter called "SURETY," are held and firmly bound unto

_____ City of Hattiesburg OWNER	_____ OWNER's Address
	_____ City/State/Zip

hereinafter called "OWNER,"

in the penal sum of _____ Dollars

(\$_____) in lawful money of the United States for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the PRINCIPAL entered into a certain contract with the OWNER, dated the _____ day of _____, 201__, a copy of which is hereto attached and made a part hereof for the construction of:

BARKLEY ROAD BRIDGE REPAIR,
Bridge No. SA18-165, City of Hattiesburg

NOW, THEREFORE, if the PRINCIPAL shall promptly make payment to all persons, firms subcontractors, and corporations furnishing materials for or performing labor in the prosecution of the work provided in such contract, and any authorized extension or modification thereof, including all amounts due to materials, lubricants, oil, gasoline, coal and coke, repairs on machinery, equipment and tools, consumed or used in connection with the construction of such work, and all insurance premiums on said work, and for all labor performed in such work whether by subcontractor or otherwise, then this obligation shall be void, otherwise to remain in full force and effect.



Payment Bond (continued)

(SURETY's Seal)

ATTEST by:

SURETY

Name

Authorized Person Executing
For SURETY

Title

Title

Witness as to SURETY

Address

City/State/Zip

NOTE: Date of bond must not be prior to the date of the contract agreement. If PRINCIPAL is a partnership, all partners should execute the bond.

IMPORTANT NOTE: SURETY companies executing bonds must appear on the US Treasury Department's most current list (Circular C570, as amended) and be authorized to transact business in the state where the project is located.



PERFORMANCE BOND

KNOWN ALL MEN BY THESE PRESENTS: that

_____ Contractor	_____ Contractor's Address
^a _____ (Corporation, Partnership, Individual)	_____ City/State/Zip

hereinafter called "PRINCIPAL," and

_____ SURETY	_____ SURETY's Address
	_____ City/State/Zip

hereinafter called "SURETY," are held and firmly bound unto

_____ City of Hattiesburg OWNER	_____ OWNER's Address
	_____ City/State/Zip

hereinafter called "OWNER,"

in the penal sum of _____ Dollars

(\$_____) in lawful money of the United States for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the PRINCIPAL entered into a certain contract with the OWNER, dated the _____ day of _____, 201__, a copy of which is hereto attached and made a part hereof for the construction of:

BARKLEY ROAD BRIDGE REPAIR,
Bridge No. SA18-165, City of Hattiesburg

NOW, THEREFORE, if the PRINCIPAL shall well, truly, and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by the OWNER, with or without notice to the SURETY, and during the one year guaranty period, and if PRINCIPAL shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the OWNER from all costs and damages that it may suffer by reason of failure to do so, and shall reimburse and repay the OWNER all outlay and expense which the OWNER may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.



NOW THEREFORE, if the PRINCIPAL shall promptly make payment of all taxes, licenses, assignments, contributions, damages, penalties, and interest thereon, when and as the same may lawfully be due the State of Mississippi, or any county, municipality, board, department, commission, or political subdivision thereof, by reason of and directly connected with the performance of said contract or any part thereof as provided by Sections 27-65-1, 27-65-21, 27-67-1, 27-67-301, and 31-5-3, supra, or any other applicable statute or other authority, then this obligation shall be null and void; otherwise, it shall remain in full force and effect.

PROVIDED FURTHER, that the said SURETY, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to work to be performed thereunder or the specifications accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications.

PROVIDED FURTHER, that no final settlement between the OWNER and the PRINCIPAL shall abridge the right of any beneficiary hereunder whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in _____ counterparts, each
(Number)
one of which shall be deemed an original. Said PRINCIPAL and SURETY have hereunto set their hands and seals at _____ this the ____ day of _____, 201_.

(PRINCIPAL's Seal)

ATTEST by:

Name

(PRINCIPAL) Secretary;
Witness as to PRINCIPAL

Address

City/State/Zip

PRINCIPAL

Authorized Person Executing
for PRINCIPAL

Title



(SURETY's Seal)

ATTEST by:

Name

Title

Witness as to SURETY

Address

City/State/Zip

SURETY

Authorized Person Executing
For SURETY

Title

NOTE: Date of bond must not be prior to the date of the contract agreement. If PRINCIPAL is a partnership, all partners should execute the bond.

IMPORTANT NOTE: SURETY companies executing bonds must appear on the US Treasury Department's most current list (Circular C570, as amended) and be authorized to transact business in the state where the project is located.



NOTICE OF AWARD

TO:

Project Description: Barkley Road Bridge Repair,
Bridge No. SA18-165, City of Hattiesburg

The owner has considered the bid submitted by you for the above described work in response to his/its "Advertisement for Bids" dated _____, and "Instructions to Bidders." You are hereby notified that your bid has been accepted for items in the amount of _____.

You are required by the "Instructions to Bidders" to execute the "Contract Agreement" and furnish the required contractor's "Payment and Performance Bond" and certificates of insurance within ten (10) calendar days from the date of this Notice to you. (See "Contract Documents.")

If you fail to execute said "Contract Agreement" and to furnish said bonds and certificates within ten (10) days from the date of this Notice, said owner will be entitled to consider all your rights arising out of the owner's acceptance of your bid as abandoned. The owner will be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this "Notice of Award" to the owner.

Dated this _____ day of _____, 201_.

CITY OF HATTIESBURG

Owner

by: _____

Authorized Representative

MAYOR

Title

ACCEPTANCE of NOTICE

Receipt of the above "Notice of Award" is acknowledged by: _____
Contractor Authorized Signee

This the _____ day of _____, 201_ _____
Print Name

Title

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



NOTICE TO PROCEED

TO:

Project Description: Barkley Road Bridge Repair,
Bridge No. SA18-165, City of Hattiesburg

In accordance with the "Contract Agreement" dated _____, 20__:

- 1) You are hereby notified to commence stated project work on or before
_____, 20__.
- 2) You are to complete the stated project work within 90 consecutive calendar days thereafter.
- 3) The date of completion of all stated project work is therefore _____, 20__.

Dated this _____ day of _____, 201__.

CITY OF HATTIESBURG
Owner

by: _____
Authorized Representative

MAYOR
Title

ACCEPTANCE of NOTICE

Receipt of the above "Notice to Proceed" is acknowledged by: _____
Contractor Authorized Signee

This the _____ day of _____, 20__ _____
Print Name

Title

GENERAL CONDITIONS

ARTICLE 1 – DEFINITIONS AND TERMINOLOGY

1.01 *Defined Terms*

- A. Wherever used in the Bidding Requirements or Contract Documents and printed with initial capital letters, the terms listed below will have the meanings indicated which are applicable to both the singular and plural thereof. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.
1. *Addenda*—Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.
 2. *Agreement*—The written instrument which is evidence of the agreement between Owner and Contractor covering the Work.
 3. *Application for Payment*—The form acceptable to Engineer which is to be used by Contractor during the course of the Work in requesting progress or final payments and which is to be accompanied by such supporting documentation as is required by the Contract Documents.
 4. *Asbestos*—Any material that contains more than one percent asbestos and is friable or is releasing asbestos fibers into the air above current action levels established by the United States Occupational Safety and Health Administration.
 5. *Bid*—The offer or proposal of a Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
 6. *Bidder*—The individual or entity who submits a Bid directly to Owner.
 7. *Bidding Documents*—The Bidding Requirements and the proposed Contract Documents (including all Addenda).
 8. *Bidding Requirements*—The advertisement or invitation to bid, Instructions to Bidders, Bid security of acceptable form, if any, and the Bid Form with any supplements.
 9. *Change Order*—A document recommended by Engineer which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, issued on or after the Effective Date of the Agreement.
 10. *Claim*—A demand or assertion by Owner or Contractor seeking an adjustment of Contract Price or Contract Times, or both, or other relief with respect to the terms of the Contract. A demand for money or services by a third party is not a Claim.
 11. *Contract*—The entire and integrated written agreement between the Owner and Contractor concerning the Work. The Contract supersedes prior negotiations, representations, or agreements, whether written or oral.
 12. *Contract Documents*—Those items so designated in the Agreement. Only printed or hard copies of the items listed in the Agreement are Contract Documents. Approved Shop Drawings, other Contractor submittals, and the reports and drawings of subsurface and physical conditions are not Contract Documents.
 13. *Contract Price*—The moneys payable by Owner to Contractor for completion of the Work in accordance with the Contract Documents as stated in the Agreement (subject to the provisions of Paragraph 11.03 in the case of Unit Price Work).

14. *Contract Times*—The number of days or the dates stated in the Agreement to: (i) achieve Milestones, if any; (ii) achieve Substantial Completion; and (iii) complete the Work so that it is ready for final payment as evidenced by Engineer's written recommendation of final payment.
15. *Contractor*—The individual or entity with whom Owner has entered into the Agreement.
16. *Cost of the Work*—See Paragraph 11.01 for definition.
17. *Drawings*—That part of the Contract Documents prepared or approved by Engineer which graphically shows the scope, extent, and character of the Work to be performed by Contractor. Shop Drawings and other Contractor submittals are not Drawings as so defined.
18. *Effective Date of the Agreement*—The date indicated in the Agreement on which it becomes effective, but if no such date is indicated, it means the date on which the Agreement is signed and delivered by the last of the two parties to sign and deliver.
19. *Engineer*—The individual or entity named as such in the Agreement.
20. *Field Order*—A written order issued by Engineer which requires minor changes in the Work but which does not involve a change in the Contract Price or the Contract Times.
21. *General Requirements*—Sections of Division 1 of the Specifications.
22. *Hazardous Environmental Condition*—The presence at the Site of Asbestos, PCBs, Petroleum, Hazardous Waste, or Radioactive Material in such quantities or circumstances that may present a substantial danger to persons or property exposed thereto.
23. *Hazardous Waste*—The term Hazardous Waste shall have the meaning provided in Section 1004 of the Solid Waste Disposal Act (42 USC Section 6903) as amended from time to time.
24. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
25. *Liens*—Charges, security interests, or encumbrances upon Project funds, real property, or personal property.
26. *Milestone*—A principal event specified in the Contract Documents relating to an intermediate completion date or time prior to Substantial Completion of all the Work.
27. *Notice of Award*—The written notice by Owner to the Successful Bidder stating that upon timely compliance by the Successful Bidder with the conditions precedent listed therein, Owner will sign and deliver the Agreement.
28. *Notice to Proceed*—A written notice given by Owner to Contractor fixing the date on which the Contract Times will commence to run and on which Contractor shall start to perform the Work under the Contract Documents.
29. *Owner*—The individual or entity with whom Contractor has entered into the Agreement and for whom the Work is to be performed.
30. *PCBs*—Polychlorinated biphenyls.
31. *Petroleum*—Petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute), such as oil, petroleum, fuel oil, oil sludge, oil refuse, gasoline, kerosene, and oil mixed with other non-Hazardous Waste and crude oils.

32. *Progress Schedule*—A schedule, prepared and maintained by Contractor, describing the sequence and duration of the activities comprising the Contractor’s plan to accomplish the Work within the Contract Times.
33. *Project*—The total construction of which the Work to be performed under the Contract Documents may be the whole, or a part.
34. *Project Manual*—The bound documentary information prepared for bidding and constructing the Work. A listing of the contents of the Project Manual, which may be bound in one or more volumes, is contained in the table(s) of contents.
35. *Radioactive Material*—Source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954 (42 USC Section 2011 et seq.) as amended from time to time.
36. *Resident Project Representative*—The authorized representative of Engineer who may be assigned to the Site or any part thereof.
37. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and which establish the standards by which such portion of the Work will be judged.
38. *Schedule of Submittals*—A schedule, prepared and maintained by Contractor, of required submittals and the time requirements to support scheduled performance of related construction activities.
39. *Schedule of Values*—A schedule, prepared and maintained by Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing Contractor’s Applications for Payment.
40. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information which are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work.
41. *Site*—Lands or areas indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements for access thereto, and such other lands furnished by Owner which are designated for the use of Contractor.
42. *Specifications*—That part of the Contract Documents consisting of written requirements for materials, equipment, systems, standards and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable thereto.
43. *Subcontractor*—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work at the Site.
44. *Substantial Completion*—The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms “substantially complete” and “substantially completed” as applied to all or part of the Work refer to Substantial Completion thereof.
45. *Successful Bidder*—The Bidder submitting a responsive Bid to whom Owner makes an award.
46. *Supplementary Conditions*—That part of the Contract Documents which amends or supplements these General Conditions.

47. *Supplier*—A manufacturer, fabricator, supplier, distributor, materialman, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or Subcontractor.
48. *Underground Facilities*—All underground pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or attachments, and any encasements containing such facilities, including those that convey electricity, gases, steam, liquid petroleum products, telephone or other communications, cable television, water, wastewater, storm water, other liquids or chemicals, or traffic or other control systems.
49. *Unit Price Work*—Work to be paid for on the basis of unit prices.
50. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction, and furnishing, installing, and incorporating all materials and equipment into such construction, all as required by the Contract Documents.
51. *Work Change Directive*—A written statement to Contractor issued on or after the Effective Date of the Agreement and signed by Owner and recommended by Engineer ordering an addition, deletion, or revision in the Work, or responding to differing or unforeseen subsurface or physical conditions under which the Work is to be performed or to emergencies. A Work Change Directive will not change the Contract Price or the Contract Times but is evidence that the parties expect that the change ordered or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order following negotiations by the parties as to its effect, if any, on the Contract Price or Contract Times.

1.02 Terminology

- A. The words and terms discussed in Paragraph 1.02.B through F are not defined but, when used in the Bidding Requirements or Contract Documents, have the indicated meaning.
- B. Intent of Certain Terms or Adjectives:
1. The Contract Documents include the terms “as allowed,” “as approved,” “as ordered,” “as directed” or terms of like effect or import to authorize an exercise of professional judgment by Engineer. In addition, the adjectives “reasonable,” “suitable,” “acceptable,” “proper,” “satisfactory,” or adjectives of like effect or import are used to describe an action or determination of Engineer as to the Work. It is intended that such exercise of professional judgment, action, or determination will be solely to evaluate, in general, the Work for compliance with the information in the Contract Documents and with the design concept of the Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective is not intended to and shall not be effective to assign to Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility contrary to the provisions of Paragraph 9.09 or any other provision of the Contract Documents.
- C. Day:
1. The word “day” means a calendar day of 24 hours measured from midnight to the next midnight.
- D. Defective:
1. The word “defective,” when modifying the word “Work,” refers to Work that is unsatisfactory, faulty, or deficient in that it:
 - a. does not conform to the Contract Documents; or

- b. does not meet the requirements of any applicable inspection, reference standard, test, or approval referred to in the Contract Documents; or
 - c. has been damaged prior to Engineer's recommendation of final payment (unless responsibility for the protection thereof has been assumed by Owner at Substantial Completion in accordance with Paragraph 14.04 or 14.05).
- E. Furnish, Install, Perform, Provide:
 - 1. The word "furnish," when used in connection with services, materials, or equipment, shall mean to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.
 - 2. The word "install," when used in connection with services, materials, or equipment, shall mean to put into use or place in final position said services, materials, or equipment complete and ready for intended use.
 - 3. The words "perform" or "provide," when used in connection with services, materials, or equipment, shall mean to furnish and install said services, materials, or equipment complete and ready for intended use.
 - 4. When "furnish," "install," "perform," or "provide" is not used in connection with services, materials, or equipment in a context clearly requiring an obligation of Contractor, "provide" is implied.
- F. Unless stated otherwise in the Contract Documents, words or phrases that have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

ARTICLE 2 – PRELIMINARY MATTERS

2.01 *Delivery of Bonds and Evidence of Insurance*

- A. When Contractor delivers the executed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner such bonds as Contractor may be required to furnish.
- B. Evidence of Insurance: Before any Work at the Site is started, Contractor and Owner shall each deliver to the other, with copies to each additional insured identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance which either of them or any additional insured may reasonably request) which Contractor and Owner respectively are required to purchase and maintain in accordance with Article 5.

2.02 *Copies of Documents*

- A. Owner shall furnish to Contractor up to ten printed or hard copies of the Drawings and Project Manual. Additional copies will be furnished upon request at the cost of reproduction.

2.03 *Commencement of Contract Times; Notice to Proceed*

- A. The Contract Times will commence to run on the thirtieth day after the Effective Date of the Agreement or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 30 days after the Effective Date of the Agreement. In no event will the Contract Times commence to run later than the sixtieth day after the day of Bid opening or the thirtieth day after the Effective Date of the Agreement, whichever date is earlier.

2.04 *Starting the Work*

- A. Contractor shall start to perform the Work on the date when the Contract Times commence to run. No Work shall be done at the Site prior to the date on which the Contract Times commence to run.

2.05 *Before Starting Construction*

- A. Preliminary Schedules: Within 10 days after the Effective Date of the Agreement (unless otherwise specified in the General Requirements), Contractor shall submit to Engineer for timely review:
 - 1. a preliminary Progress Schedule indicating the times (numbers of days or dates) for starting and completing the various stages of the Work, including any Milestones specified in the Contract Documents;
 - 2. a preliminary Schedule of Submittals; and
 - 3. a preliminary Schedule of Values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work.

2.06 *Preconstruction Conference; Designation of Authorized Representatives*

- A. Before any Work at the Site is started, a conference attended by Owner, Contractor, Engineer, and others as appropriate will be held to establish a working understanding among the parties as to the Work and to discuss the schedules referred to in Paragraph 2.05.A, procedures for handling Shop Drawings and other submittals, processing Applications for Payment, and maintaining required records.
- B. At this conference Owner and Contractor each shall designate, in writing, a specific individual to act as its authorized representative with respect to the services and responsibilities under the Contract. Such individuals shall have the authority to transmit instructions, receive information, render decisions relative to the Contract, and otherwise act on behalf of each respective party.

2.07 *Initial Acceptance of Schedules*

- A. At least 10 days before submission of the first Application for Payment a conference attended by Contractor, Engineer, and others as appropriate will be held to review for acceptability to Engineer as provided below the schedules submitted in accordance with Paragraph 2.05.A. Contractor shall have an additional 10 days to make corrections and adjustments and to complete and resubmit the schedules. No progress payment shall be made to Contractor until acceptable schedules are submitted to Engineer.
 - 1. The Progress Schedule will be acceptable to Engineer if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.
 - 2. Contractor's Schedule of Submittals will be acceptable to Engineer if it provides a workable arrangement for reviewing and processing the required submittals.
 - 3. Contractor's Schedule of Values will be acceptable to Engineer as to form and substance if it provides a reasonable allocation of the Contract Price to component parts of the Work.

ARTICLE 3 – CONTRACT DOCUMENTS: INTENT, AMENDING, REUSE

3.01 *Intent*

- A. The Contract Documents are complementary; what is required by one is as binding as if required by all.
- B. It is the intent of the Contract Documents to describe a functionally complete project (or part thereof) to be constructed in accordance with the Contract Documents. Any labor, documentation, services, materials, or equipment that reasonably may be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the indicated result will be provided whether or not specifically called for, at no additional cost to Owner.
- C. Clarifications and interpretations of the Contract Documents shall be issued by Engineer as provided in Article 9.

3.02 *Reference Standards*

- A. Standards, Specifications, Codes, Laws, and Regulations
 - 1. Reference to standards, specifications, manuals, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, shall mean the standard, specification, manual, code, or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Agreement if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.
 - 2. No provision of any such standard, specification, manual, or code, or any instruction of a Supplier, shall be effective to change the duties or responsibilities of Owner, Contractor, or Engineer, or any of their subcontractors, consultants, agents, or employees, from those set forth in the Contract Documents. No such provision or instruction shall be effective to assign to Owner, Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, any duty or authority to supervise or direct the performance of the Work or any duty or authority to undertake responsibility inconsistent with the provisions of the Contract Documents.

3.03 *Reporting and Resolving Discrepancies*

- A. Reporting Discrepancies:
 - 1. *Contractor's Review of Contract Documents Before Starting Work* Before undertaking each part of the Work, Contractor shall carefully study and compare the Contract Documents and check and verify pertinent figures therein and all applicable field measurements. Contractor shall promptly report in writing to Engineer any conflict, error, ambiguity, or discrepancy which Contractor discovers, or has actual knowledge of, and shall obtain a written interpretation or clarification from Engineer before proceeding with any Work affected thereby.
 - 2. *Contractor's Review of Contract Documents During Performance of Work* If, during the performance of the Work, Contractor discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents, or between the Contract Documents and (a) any applicable Law or Regulation, (b) any standard, specification, manual, or code, or (c) any instruction of any Supplier, then Contractor shall promptly report it to Engineer in writing. Contractor shall not proceed with the Work affected thereby (except in an emergency as required by Paragraph 6.16.A) until an amendment or supplement to the Contract Documents has been issued by one of the methods indicated in Paragraph 3.04.

3. Contractor shall not be liable to Owner or Engineer for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless Contractor had actual knowledge thereof.

B. Resolving Discrepancies:

1. Except as may be otherwise specifically stated in the Contract Documents, the provisions of the Contract Documents shall take precedence in resolving any conflict, error, ambiguity, or discrepancy between the provisions of the Contract Documents and:
 - a. the provisions of any standard, specification, manual, or code, or the instruction of any Supplier (whether or not specifically incorporated by reference in the Contract Documents); or
 - b. the provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

3.04 *Amending and Supplementing Contract Documents*

- A. The Contract Documents may be amended to provide for additions, deletions, and revisions in the Work or to modify the terms and conditions thereof by either a Change Order or a Work Change Directive.
- B. The requirements of the Contract Documents may be supplemented, and minor variations and deviations in the Work may be authorized, by one or more of the following ways:
 1. A Field Order;
 2. Engineer's approval of a Shop Drawing or Sample (subject to the provisions of Paragraph 6.17.D.3); or
 3. Engineer's written interpretation or clarification.

3.05 *Reuse of Documents*

- A. Contractor and any Subcontractor or Supplier shall not:
 1. have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of Engineer or its consultants, including electronic media editions; or
 2. reuse any such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without written consent of Owner and Engineer and specific written verification or adaptation by Engineer.
- B. The prohibitions of this Paragraph 3.05 will survive final payment, or termination of the Contract. Nothing herein shall preclude Contractor from retaining copies of the Contract Documents for record purposes.

3.06 *Electronic Data*

- A. Unless otherwise stated in the Supplementary Conditions, the data furnished by Owner or Engineer to Contractor, or by Contractor to Owner or Engineer, that may be relied upon are limited to the printed copies (also known as hard copies). Files in electronic media format of text, data, graphics, or other types are furnished only for the convenience of the receiving party. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. If there is a discrepancy between the electronic files and the hard copies, the hard copies govern.

- B. Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within 60 days, after which the receiving party shall be deemed to have accepted the data thus transferred. Any errors detected within the 60-day acceptance period will be corrected by the transferring party.
- C. When transferring documents in electronic media format, the transferring party makes no representations as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by the data's creator.

ARTICLE 4 – AVAILABILITY OF LANDS; SUBSURFACE AND PHYSICAL CONDITIONS; HAZARDOUS ENVIRONMENTAL CONDITIONS; REFERENCE POINTS

4.01 *Availability of Lands*

- A. Owner shall furnish the Site. Owner shall notify Contractor of any encumbrances or restrictions not of general application but specifically related to use of the Site with which Contractor must comply in performing the Work. Owner will obtain in a timely manner and pay for easements for permanent structures or permanent changes in existing facilities. If Contractor and Owner are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, as a result of any delay in Owner's furnishing the Site or a part thereof, Contractor may make a Claim therefor as provided in Paragraph 10.05.
- B. Upon reasonable written request, Owner shall furnish Contractor with a current statement of record legal title and legal description of the lands upon which the Work is to be performed and Owner's interest therein as necessary for giving notice of or filing a mechanic's or construction lien against such lands in accordance with applicable Laws and Regulations.
- C. Contractor shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

4.02 *Subsurface and Physical Conditions*

- A. Reports and Drawings: The Supplementary Conditions identify:
 - 1. those reports known to Owner of explorations and tests of subsurface conditions at or contiguous to the Site; and
 - 2. those drawings known to Owner of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities).
- B. Limited Reliance by Contractor on Technical Data Authorized: Contractor may rely upon the accuracy of the "technical data" contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such "technical data" is identified in the Supplementary Conditions. Except for such reliance on such "technical data," Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors with respect to:
 - 1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto; or
 - 2. other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or

3. any Contractor interpretation of or conclusion drawn from any “technical data” or any such other data, interpretations, opinions, or information.

4.03 *Differing Subsurface or Physical Conditions*

- A. Notice: If Contractor believes that any subsurface or physical condition that is uncovered or revealed either:

1. is of such a nature as to establish that any “technical data” on which Contractor is entitled to rely as provided in Paragraph 4.02 is materially inaccurate; or
2. is of such a nature as to require a change in the Contract Documents; or
3. differs materially from that shown or indicated in the Contract Documents; or
4. is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;

then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 6.16.A), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except as aforesaid) until receipt of written order to do so.

- B. Engineer’s Review: After receipt of written notice as required by Paragraph 4.03.A, Engineer will promptly review the pertinent condition, determine the necessity of Owner’s obtaining additional exploration or tests with respect thereto, and advise Owner in writing (with a copy to Contractor) of Engineer’s findings and conclusions.

- C. Possible Price and Times Adjustments:

1. The Contract Price or the Contract Times, or both, will be equitably adjusted to the extent that the existence of such differing subsurface or physical condition causes an increase or decrease in Contractor’s cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. such condition must meet any one or more of the categories described in Paragraph 4.03.A; and
 - b. with respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraphs 9.07 and 11.03.
2. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times if:
 - a. Contractor knew of the existence of such conditions at the time Contractor made a final commitment to Owner with respect to Contract Price and Contract Times by the submission of a Bid or becoming bound under a negotiated contract; or
 - b. the existence of such condition could reasonably have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas required by the Bidding Requirements or Contract Documents to be conducted by or for Contractor prior to Contractor’s making such final commitment; or
 - c. Contractor failed to give the written notice as required by Paragraph 4.03.A.
3. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, a Claim may be made therefor as provided in Paragraph 10.05. However, neither Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors shall be liable to

Contractor for any claims, costs, losses, or damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Contractor on or in connection with any other project or anticipated project.

4.04 *Underground Facilities*

- A. Shown or Indicated: The information and data shown or indicated in the Contract Documents with respect to existing Underground Facilities at or contiguous to the Site is based on information and data furnished to Owner or Engineer by the owners of such Underground Facilities, including Owner, or by others. Unless it is otherwise expressly provided in the Supplementary Conditions:
1. Owner and Engineer shall not be responsible for the accuracy or completeness of any such information or data provided by others; and
 2. the cost of all of the following will be included in the Contract Price, and Contractor shall have full responsibility for:
 - a. reviewing and checking all such information and data;
 - b. locating all Underground Facilities shown or indicated in the Contract Documents;
 - c. coordination of the Work with the owners of such Underground Facilities, including Owner, during construction; and
 - d. the safety and protection of all such Underground Facilities and repairing any damage thereto resulting from the Work.
- B. Not Shown or Indicated:
1. If an Underground Facility is uncovered or revealed at or contiguous to the Site which was not shown or indicated, or not shown or indicated with reasonable accuracy in the Contract Documents, Contractor shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by Paragraph 6.16.A), identify the owner of such Underground Facility and give written notice to that owner and to Owner and Engineer. Engineer will promptly review the Underground Facility and determine the extent, if any, to which a change is required in the Contract Documents to reflect and document the consequences of the existence or location of the Underground Facility. During such time, Contractor shall be responsible for the safety and protection of such Underground Facility.
 2. If Engineer concludes that a change in the Contract Documents is required, a Work Change Directive or a Change Order will be issued to reflect and document such consequences. An equitable adjustment shall be made in the Contract Price or Contract Times, or both, to the extent that they are attributable to the existence or location of any Underground Facility that was not shown or indicated or not shown or indicated with reasonable accuracy in the Contract Documents and that Contractor did not know of and could not reasonably have been expected to be aware of or to have anticipated. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment in Contract Price or Contract Times, Owner or Contractor may make a Claim therefor as provided in Paragraph 10.05.

4.05 *Reference Points*

- A. Owner shall provide engineering surveys to establish reference points for construction which in Engineer's judgment are necessary to enable Contractor to proceed with the Work. Contractor shall be responsible for laying out the Work, shall protect and preserve the established reference points and property monuments, and shall make no changes or relocations without the prior written approval of

Owner. Contractor shall report to Engineer whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

4.06 *Hazardous Environmental Condition at Site*

- A. Reports and Drawings: The Supplementary Conditions identify those reports and drawings known to Owner relating to Hazardous Environmental Conditions that have been identified at the Site.
- B. Limited Reliance by Contractor on Technical Data Authorized: Contractor may rely upon the accuracy of the “technical data” contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such “technical data” is identified in the Supplementary Conditions. Except for such reliance on such “technical data,” Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors with respect to:
 - 1. the completeness of such reports and drawings for Contractor’s purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by Contractor and safety precautions and programs incident thereto; or
 - 2. other data, interpretations, opinions and information contained in such reports or shown or indicated in such drawings; or
 - 3. any Contractor interpretation of or conclusion drawn from any “technical data” or any such other data, interpretations, opinions or information.
- C. Contractor shall not be responsible for any Hazardous Environmental Condition uncovered or revealed at the Site which was not shown or indicated in Drawings or Specifications or identified in the Contract Documents to be within the scope of the Work. Contractor shall be responsible for a Hazardous Environmental Condition created with any materials brought to the Site by Contractor, Subcontractors, Suppliers, or anyone else for whom Contractor is responsible.
- D. If Contractor encounters a Hazardous Environmental Condition or if Contractor or anyone for whom Contractor is responsible creates a Hazardous Environmental Condition, Contractor shall immediately: (i) secure or otherwise isolate such condition; (ii) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by Paragraph 6.16.A); and (iii) notify Owner and Engineer (and promptly thereafter confirm such notice in writing). Owner shall promptly consult with Engineer concerning the necessity for Owner to retain a qualified expert to evaluate such condition or take corrective action, if any. Promptly after consulting with Engineer, Owner shall take such actions as are necessary to permit Owner to timely obtain required permits and provide Contractor the written notice required by Paragraph 4.06.E.
- E. Contractor shall not be required to resume Work in connection with such condition or in any affected area until after Owner has obtained any required permits related thereto and delivered written notice to Contractor: (i) specifying that such condition and any affected area is or has been rendered safe for the resumption of Work; or (ii) specifying any special conditions under which such Work may be resumed safely. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times, or both, as a result of such Work stoppage or such special conditions under which Work is agreed to be resumed by Contractor, either party may make a Claim therefor as provided in Paragraph 10.05.
- F. If after receipt of such written notice Contractor does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then Owner may order the portion of the Work that is in the area affected by such condition to be

deleted from the Work. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of an adjustment in Contract Price or Contract Times as a result of deleting such portion of the Work, then either party may make a Claim therefor as provided in Paragraph 10.05. Owner may have such deleted portion of the Work performed by Owner's own forces or others in accordance with Article 7.

- G. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition: (i) was not shown or indicated in the Drawings or Specifications or identified in the Contract Documents to be included within the scope of the Work, and (ii) was not created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 4.06.G shall obligate Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- H. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 4.06.H shall obligate Contractor to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- I. The provisions of Paragraphs 4.02, 4.03, and 4.04 do not apply to a Hazardous Environmental Condition uncovered or revealed at the Site.

ARTICLE 5 – BONDS AND INSURANCE

5.01 *Performance, Payment, and Other Bonds*

- A. Contractor shall furnish performance and payment bonds, each in an amount at least equal to the Contract Price as security for the faithful performance and payment of all of Contractor's obligations under the Contract Documents. These bonds shall remain in effect until one year after the date when final payment becomes due or until completion of the correction period specified in Paragraph 13.07, whichever is later, except as provided otherwise by Laws or Regulations or by the Contract Documents. Contractor shall also furnish such other bonds as are required by the Contract Documents.
- B. All bonds shall be in the form prescribed by the Contract Documents except as provided otherwise by Laws or Regulations, and shall be executed by such sureties as are named in the list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Financial Management Service, Surety Bond Branch, U.S. Department of the Treasury. All bonds signed by an agent or attorney-in-fact must be accompanied by a certified copy of that individual's authority to bind the surety. The evidence of authority shall show that it is effective on the date the agent or attorney-in-fact signed each bond.
- C. If the surety on any bond furnished by Contractor is declared bankrupt or becomes insolvent or its right to do business is terminated in any state where any part of the Project is located or it ceases to meet the requirements of Paragraph 5.01.B, Contractor shall promptly notify Owner and Engineer and shall,

within 20 days after the event giving rise to such notification, provide another bond and surety, both of which shall comply with the requirements of Paragraphs 5.01.B and 5.02.

5.02 *Licensed Sureties and Insurers*

- A. All bonds and insurance required by the Contract Documents to be purchased and maintained by Owner or Contractor shall be obtained from surety or insurance companies that are duly licensed or authorized in the jurisdiction in which the Project is located to issue bonds or insurance policies for the limits and coverages so required. Such surety and insurance companies shall also meet such additional requirements and qualifications as may be provided in the Supplementary Conditions.

5.03 *Certificates of Insurance*

- A. Contractor shall deliver to Owner, with copies to each additional insured and loss payee identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by Owner or any other additional insured) which Contractor is required to purchase and maintain.
- B. Owner shall deliver to Contractor, with copies to each additional insured and loss payee identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by Contractor or any other additional insured) which Owner is required to purchase and maintain.
- C. Failure of Owner to demand such certificates or other evidence of Contractor's full compliance with these insurance requirements or failure of Owner to identify a deficiency in compliance from the evidence provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance.
- D. Owner does not represent that insurance coverage and limits established in this Contract necessarily will be adequate to protect Contractor.
- E. The insurance and insurance limits required herein shall not be deemed as a limitation on Contractor's liability under the indemnities granted to Owner in the Contract Documents.

5.04 *Contractor's Insurance*

- A. Contractor shall purchase and maintain such insurance as is appropriate for the Work being performed and as will provide protection from claims set forth below which may arise out of or result from Contractor's performance of the Work and Contractor's other obligations under the Contract Documents, whether it is to be performed by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable:
 - 1. claims under workers' compensation, disability benefits, and other similar employee benefit acts;
 - 2. claims for damages because of bodily injury, occupational sickness or disease, or death of Contractor's employees;
 - 3. claims for damages because of bodily injury, sickness or disease, or death of any person other than Contractor's employees;
 - 4. claims for damages insured by reasonably available personal injury liability coverage which are sustained:
 - a. by any person as a result of an offense directly or indirectly related to the employment of such person by Contractor, or
 - b. by any other person for any other reason;
 - 5. claims for damages, other than to the Work itself, because of injury to or destruction of tangible property wherever located, including loss of use resulting therefrom; and

6. claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle.
- B. The policies of insurance required by this Paragraph 5.04 shall:
1. with respect to insurance required by Paragraphs 5.04.A.3 through 5.04.A.6 inclusive, be written on an occurrence basis, include as additional insureds (subject to any customary exclusion regarding professional liability) Owner and Engineer, and any other individuals or entities identified in the Supplementary Conditions, all of whom shall be listed as additional insureds, and include coverage for the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of all such additional insureds, and the insurance afforded to these additional insureds shall provide primary coverage for all claims covered thereby;
 2. include at least the specific coverages and be written for not less than the limits of liability provided in the Supplementary Conditions or required by Laws or Regulations, whichever is greater;
 3. include contractual liability insurance covering Contractor's indemnity obligations under Paragraphs 6.11 and 6.20;
 4. contain a provision or endorsement that the coverage afforded will not be canceled, materially changed or renewal refused until at least 30 days prior written notice has been given to Owner and Contractor and to each other additional insured identified in the Supplementary Conditions to whom a certificate of insurance has been issued (and the certificates of insurance furnished by the Contractor pursuant to Paragraph 5.03 will so provide);
 5. remain in effect at least until final payment and at all times thereafter when Contractor may be correcting, removing, or replacing defective Work in accordance with Paragraph 13.07; and
 6. include completed operations coverage:
 - a. Such insurance shall remain in effect for two years after final payment.
 - b. Contractor shall furnish Owner and each other additional insured identified in the Supplementary Conditions, to whom a certificate of insurance has been issued, evidence satisfactory to Owner and any such additional insured of continuation of such insurance at final payment and one year thereafter.

5.05 *Owner's Liability Insurance*

- A. In addition to the insurance required to be provided by Contractor under Paragraph 5.04, Owner, at Owner's option, may purchase and maintain at Owner's expense Owner's own liability insurance as will protect Owner against claims which may arise from operations under the Contract Documents.

5.06 *Property Insurance*

- A. Unless otherwise provided in the Supplementary Conditions, Owner shall purchase and maintain property insurance upon the Work at the Site in the amount of the full replacement cost thereof (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations). This insurance shall:
1. include the interests of Owner, Contractor, Subcontractors, and Engineer, and any other individuals or entities identified in the Supplementary Conditions, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, each of whom is deemed to have an insurable interest and shall be listed as a loss payee;
 2. be written on a Builder's Risk "all-risk" policy form that shall at least include insurance for physical loss or damage to the Work, temporary buildings, falsework, and materials and equipment in transit, and shall insure against at least the following perils or causes of loss: fire, lightning,

extended coverage, theft, vandalism and malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of Laws and Regulations, water damage (other than that caused by flood), and such other perils or causes of loss as may be specifically required by the Supplementary Conditions.

3. include expenses incurred in the repair or replacement of any insured property (including but not limited to fees and charges of engineers and architects);
 4. cover materials and equipment stored at the Site or at another location that was agreed to in writing by Owner prior to being incorporated in the Work, provided that such materials and equipment have been included in an Application for Payment recommended by Engineer;
 5. allow for partial utilization of the Work by Owner;
 6. include testing and startup; and
 7. be maintained in effect until final payment is made unless otherwise agreed to in writing by Owner, Contractor, and Engineer with 30 days written notice to each other loss payee to whom a certificate of insurance has been issued.
- B. Owner shall purchase and maintain such equipment breakdown insurance or additional property insurance as may be required by the Supplementary Conditions or Laws and Regulations which will include the interests of Owner, Contractor, Subcontractors, and Engineer, and any other individuals or entities identified in the Supplementary Conditions, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, each of whom is deemed to have an insurable interest and shall be listed as a loss payee.
- C. All the policies of insurance (and the certificates or other evidence thereof) required to be purchased and maintained in accordance with this Paragraph 5.06 will contain a provision or endorsement that the coverage afforded will not be canceled or materially changed or renewal refused until at least 30 days prior written notice has been given to Owner and Contractor and to each other loss payee to whom a certificate of insurance has been issued and will contain waiver provisions in accordance with Paragraph 5.07.
- D. Owner shall not be responsible for purchasing and maintaining any property insurance specified in this Paragraph 5.06 to protect the interests of Contractor, Subcontractors, or others in the Work to the extent of any deductible amounts that are identified in the Supplementary Conditions. The risk of loss within such identified deductible amount will be borne by Contractor, Subcontractors, or others suffering any such loss, and if any of them wishes property insurance coverage within the limits of such amounts, each may purchase and maintain it at the purchaser's own expense.
- E. If Contractor requests in writing that other special insurance be included in the property insurance policies provided under this Paragraph 5.06, Owner shall, if possible, include such insurance, and the cost thereof will be charged to Contractor by appropriate Change Order. Prior to commencement of the Work at the Site, Owner shall in writing advise Contractor whether or not such other insurance has been procured by Owner.

5.07 *Waiver of Rights*

- A. Owner and Contractor intend that all policies purchased in accordance with Paragraph 5.06 will protect Owner, Contractor, Subcontractors, and Engineer, and all other individuals or entities identified in the Supplementary Conditions as loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) in such policies and will provide primary coverage for all losses and damages caused by the perils or causes of loss covered thereby. All such policies shall contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any of the insureds or loss payees

thereunder. Owner and Contractor waive all rights against each other and their respective officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them for all losses and damages caused by, arising out of or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Subcontractors and Engineer, and all other individuals or entities identified in the Supplementary Conditions as loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) under such policies for losses and damages so caused. None of the above waivers shall extend to the rights that any party making such waiver may have to the proceeds of insurance held by Owner as trustee or otherwise payable under any policy so issued.

- B. Owner waives all rights against Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them for:
 - 1. loss due to business interruption, loss of use, or other consequential loss extending beyond direct physical loss or damage to Owner's property or the Work caused by, arising out of, or resulting from fire or other perils whether or not insured by Owner; and
 - 2. loss or damage to the completed Project or part thereof caused by, arising out of, or resulting from fire or other insured peril or cause of loss covered by any property insurance maintained on the completed Project or part thereof by Owner during partial utilization pursuant to Paragraph 14.05, after Substantial Completion pursuant to Paragraph 14.04, or after final payment pursuant to Paragraph 14.07.
- C. Any insurance policy maintained by Owner covering any loss, damage or consequential loss referred to in Paragraph 5.07.B shall contain provisions to the effect that in the event of payment of any such loss, damage, or consequential loss, the insurers will have no rights of recovery against Contractor, Subcontractors, or Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them.

5.08 *Receipt and Application of Insurance Proceeds*

- A. Any insured loss under the policies of insurance required by Paragraph 5.06 will be adjusted with Owner and made payable to Owner as fiduciary for the loss payees, as their interests may appear, subject to the requirements of any applicable mortgage clause and of Paragraph 5.08.B. Owner shall deposit in a separate account any money so received and shall distribute it in accordance with such agreement as the parties in interest may reach. If no other special agreement is reached, the damaged Work shall be repaired or replaced, the moneys so received applied on account thereof, and the Work and the cost thereof covered by an appropriate Change Order.
- B. Owner as fiduciary shall have power to adjust and settle any loss with the insurers unless one of the parties in interest shall object in writing within 15 days after the occurrence of loss to Owner's exercise of this power. If such objection be made, Owner as fiduciary shall make settlement with the insurers in accordance with such agreement as the parties in interest may reach. If no such agreement among the parties in interest is reached, Owner as fiduciary shall adjust and settle the loss with the insurers and, if required in writing by any party in interest, Owner as fiduciary shall give bond for the proper performance of such duties.

5.09 *Acceptance of Bonds and Insurance; Option to Replace*

- A. If either Owner or Contractor has any objection to the coverage afforded by or other provisions of the bonds or insurance required to be purchased and maintained by the other party in accordance with Article 5 on the basis of non-conformance with the Contract Documents, the objecting party shall so notify the other party in writing within 10 days after receipt of the certificates (or other evidence requested) required by Paragraph 2.01.B. Owner and Contractor shall each provide to the other such

additional information in respect of insurance provided as the other may reasonably request. If either party does not purchase or maintain all of the bonds and insurance required of such party by the Contract Documents, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage. Without prejudice to any other right or remedy, the other party may elect to obtain equivalent bonds or insurance to protect such other party's interests at the expense of the party who was required to provide such coverage, and a Change Order shall be issued to adjust the Contract Price accordingly.

5.10 *Partial Utilization, Acknowledgment of Property Insurer*

- A. If Owner finds it necessary to occupy or use a portion or portions of the Work prior to Substantial Completion of all the Work as provided in Paragraph 14.05, no such use or occupancy shall commence before the insurers providing the property insurance pursuant to Paragraph 5.06 have acknowledged notice thereof and in writing effected any changes in coverage necessitated thereby. The insurers providing the property insurance shall consent by endorsement on the policy or policies, but the property insurance shall not be canceled or permitted to lapse on account of any such partial use or occupancy.

ARTICLE 6 – CONTRACTOR'S RESPONSIBILITIES

6.01 *Supervision and Superintendence*

- A. Contractor shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction. Contractor shall not be responsible for the negligence of Owner or Engineer in the design or specification of a specific means, method, technique, sequence, or procedure of construction which is shown or indicated in and expressly required by the Contract Documents.
- B. At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who shall not be replaced without written notice to Owner and Engineer except under extraordinary circumstances.

6.02 *Labor; Working Hours*

- A. Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. Contractor shall at all times maintain good discipline and order at the Site.
- B. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site shall be performed during regular working hours. Contractor will not permit the performance of Work on a Saturday, Sunday, or any legal holiday without Owner's written consent (which will not be unreasonably withheld) given after prior written notice to Engineer.

6.03 *Services, Materials, and Equipment*

- A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start-up, and completion of the Work.
- B. All materials and equipment incorporated into the Work shall be as specified or, if not specified, shall be of good quality and new, except as otherwise provided in the Contract Documents. All special

warranties and guarantees required by the Specifications shall expressly run to the benefit of Owner. If required by Engineer, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of materials and equipment.

- C. All materials and equipment shall be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

6.04 *Progress Schedule*

- A. Contractor shall adhere to the Progress Schedule established in accordance with Paragraph 2.07 as it may be adjusted from time to time as provided below.
 - 1. Contractor shall submit to Engineer for acceptance (to the extent indicated in Paragraph 2.07) proposed adjustments in the Progress Schedule that will not result in changing the Contract Times. Such adjustments will comply with any provisions of the General Requirements applicable thereto.
 - 2. Proposed adjustments in the Progress Schedule that will change the Contract Times shall be submitted in accordance with the requirements of Article 12. Adjustments in Contract Times may only be made by a Change Order.

6.05 *Substitutes and "Or-Equals"*

- A. Whenever an item of material or equipment is specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the specification or description is intended to establish the type, function, appearance, and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or "or-equal" item or no substitution is permitted, other items of material or equipment or material or equipment of other Suppliers may be submitted to Engineer for review under the circumstances described below.
 - 1. *"Or-Equal" Items:* If in Engineer's sole discretion an item of material or equipment proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, it may be considered by Engineer as an "or-equal" item, in which case review and approval of the proposed item may, in Engineer's sole discretion, be accomplished without compliance with some or all of the requirements for approval of proposed substitute items. For the purposes of this Paragraph 6.05.A.1, a proposed item of material or equipment will be considered functionally equal to an item so named if:
 - a. in the exercise of reasonable judgment Engineer determines that:
 - 1) it is at least equal in materials of construction, quality, durability, appearance, strength, and design characteristics;
 - 2) it will reliably perform at least equally well the function and achieve the results imposed by the design concept of the completed Project as a functioning whole; and
 - 3) it has a proven record of performance and availability of responsive service.
 - b. Contractor certifies that, if approved and incorporated into the Work:
 - 1) there will be no increase in cost to the Owner or increase in Contract Times; and
 - 2) it will conform substantially to the detailed requirements of the item named in the Contract Documents.
 - 2. *Substitute Items:*

- a. If in Engineer's sole discretion an item of material or equipment proposed by Contractor does not qualify as an "or-equal" item under Paragraph 6.05.A.1, it will be considered a proposed substitute item.
 - b. Contractor shall submit sufficient information as provided below to allow Engineer to determine if the item of material or equipment proposed is essentially equivalent to that named and an acceptable substitute therefor. Requests for review of proposed substitute items of material or equipment will not be accepted by Engineer from anyone other than Contractor.
 - c. The requirements for review by Engineer will be as set forth in Paragraph 6.05.A.2.d, as supplemented by the General Requirements, and as Engineer may decide is appropriate under the circumstances.
 - d. Contractor shall make written application to Engineer for review of a proposed substitute item of material or equipment that Contractor seeks to furnish or use. The application:
 - 1) shall certify that the proposed substitute item will:
 - a) perform adequately the functions and achieve the results called for by the general design,
 - b) be similar in substance to that specified, and
 - c) be suited to the same use as that specified;
 - 2) will state:
 - a) the extent, if any, to which the use of the proposed substitute item will prejudice Contractor's achievement of Substantial Completion on time,
 - b) whether use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for other work on the Project) to adapt the design to the proposed substitute item, and
 - c) whether incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty;
 - 3) will identify:
 - a) all variations of the proposed substitute item from that specified, and
 - b) available engineering, sales, maintenance, repair, and replacement services; and
 - 4) shall contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including costs of redesign and claims of other contractors affected by any resulting change.
- B. *Substitute Construction Methods or Procedures:* If a specific means, method, technique, sequence, or procedure of construction is expressly required by the Contract Documents, Contractor may furnish or utilize a substitute means, method, technique, sequence, or procedure of construction approved by Engineer. Contractor shall submit sufficient information to allow Engineer, in Engineer's sole discretion, to determine that the substitute proposed is equivalent to that expressly called for by the Contract Documents. The requirements for review by Engineer will be similar to those provided in Paragraph 6.05.A.2.
- C. *Engineer's Evaluation:* Engineer will be allowed a reasonable time within which to evaluate each proposal or submittal made pursuant to Paragraphs 6.05.A and 6.05.B. Engineer may require Contractor to furnish additional data about the proposed substitute item. Engineer will be the sole judge of acceptability. No "or equal" or substitute will be ordered, installed or utilized until Engineer's

review is complete, which will be evidenced by a Change Order in the case of a substitute and an approved Shop Drawing for an “or equal.” Engineer will advise Contractor in writing of any negative determination.

- D. *Special Guarantee:* Owner may require Contractor to furnish at Contractor’s expense a special performance guarantee or other surety with respect to any substitute.
- E. *Engineer’s Cost Reimbursement:* Engineer will record Engineer’s costs in evaluating a substitute proposed or submitted by Contractor pursuant to Paragraphs 6.05.A.2 and 6.05.B. Whether or not Engineer approves a substitute so proposed or submitted by Contractor, Contractor shall reimburse Owner for the reasonable charges of Engineer for evaluating each such proposed substitute. Contractor shall also reimburse Owner for the reasonable charges of Engineer for making changes in the Contract Documents (or in the provisions of any other direct contract with Owner) resulting from the acceptance of each proposed substitute.
- F. *Contractor’s Expense:* Contractor shall provide all data in support of any proposed substitute or “or-equal” at Contractor’s expense.

6.06 *Concerning Subcontractors, Suppliers, and Others*

- A. Contractor shall not employ any Subcontractor, Supplier, or other individual or entity (including those acceptable to Owner as indicated in Paragraph 6.06.B), whether initially or as a replacement, against whom Owner may have reasonable objection. Contractor shall not be required to employ any Subcontractor, Supplier, or other individual or entity to furnish or perform any of the Work against whom Contractor has reasonable objection.
- B. If the Supplementary Conditions require the identity of certain Subcontractors, Suppliers, or other individuals or entities to be submitted to Owner in advance for acceptance by Owner by a specified date prior to the Effective Date of the Agreement, and if Contractor has submitted a list thereof in accordance with the Supplementary Conditions, Owner’s acceptance (either in writing or by failing to make written objection thereto by the date indicated for acceptance or objection in the Bidding Documents or the Contract Documents) of any such Subcontractor, Supplier, or other individual or entity so identified may be revoked on the basis of reasonable objection after due investigation. Contractor shall submit an acceptable replacement for the rejected Subcontractor, Supplier, or other individual or entity, and the Contract Price will be adjusted by the difference in the cost occasioned by such replacement, and an appropriate Change Order will be issued. No acceptance by Owner of any such Subcontractor, Supplier, or other individual or entity, whether initially or as a replacement, shall constitute a waiver of any right of Owner or Engineer to reject defective Work.
- C. Contractor shall be fully responsible to Owner and Engineer for all acts and omissions of the Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work just as Contractor is responsible for Contractor’s own acts and omissions. Nothing in the Contract Documents:
 - 1. shall create for the benefit of any such Subcontractor, Supplier, or other individual or entity any contractual relationship between Owner or Engineer and any such Subcontractor, Supplier or other individual or entity; nor
 - 2. shall create any obligation on the part of Owner or Engineer to pay or to see to the payment of any moneys due any such Subcontractor, Supplier, or other individual or entity except as may otherwise be required by Laws and Regulations.
- D. Contractor shall be solely responsible for scheduling and coordinating the Work of Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work under a direct or indirect contract with Contractor.

- E. Contractor shall require all Subcontractors, Suppliers, and such other individuals or entities performing or furnishing any of the Work to communicate with Engineer through Contractor.
- F. The divisions and sections of the Specifications and the identifications of any Drawings shall not control Contractor in dividing the Work among Subcontractors or Suppliers or delineating the Work to be performed by any specific trade.
- G. All Work performed for Contractor by a Subcontractor or Supplier will be pursuant to an appropriate agreement between Contractor and the Subcontractor or Supplier which specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract Documents for the benefit of Owner and Engineer. Whenever any such agreement is with a Subcontractor or Supplier who is listed as a loss payee on the property insurance provided in Paragraph 5.06, the agreement between the Contractor and the Subcontractor or Supplier will contain provisions whereby the Subcontractor or Supplier waives all rights against Owner, Contractor, Engineer, and all other individuals or entities identified in the Supplementary Conditions to be listed as insureds or loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) for all losses and damages caused by, arising out of, relating to, or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work. If the insurers on any such policies require separate waiver forms to be signed by any Subcontractor or Supplier, Contractor will obtain the same.

6.07 *Patent Fees and Royalties*

- A. Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others. If a particular invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if, to the actual knowledge of Owner or Engineer, its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by Owner in the Contract Documents.
- B. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, and its officers, directors, members, partners, employees, agents, consultants, and subcontractors from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device specified in the Contract Documents, but not identified as being subject to payment of any license fee or royalty to others required by patent rights or copyrights.
- C. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

6.08 *Permits*

- A. Unless otherwise provided in the Supplementary Conditions, Contractor shall obtain and pay for all construction permits and licenses. Owner shall assist Contractor, when necessary, in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for

the prosecution of the Work which are applicable at the time of opening of Bids, or, if there are no Bids, on the Effective Date of the Agreement. Owner shall pay all charges of utility owners for connections for providing permanent service to the Work.

6.09 *Laws and Regulations*

- A. Contractor shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of the Work. Except where otherwise expressly required by applicable Laws and Regulations, neither Owner nor Engineer shall be responsible for monitoring Contractor's compliance with any Laws or Regulations.
- B. If Contractor performs any Work knowing or having reason to know that it is contrary to Laws or Regulations, Contractor shall bear all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such Work. However, it shall not be Contractor's responsibility to make certain that the Specifications and Drawings are in accordance with Laws and Regulations, but this shall not relieve Contractor of Contractor's obligations under Paragraph 3.03.
- C. Changes in Laws or Regulations not known at the time of opening of Bids (or, on the Effective Date of the Agreement if there were no Bids) having an effect on the cost or time of performance of the Work shall be the subject of an adjustment in Contract Price or Contract Times. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment, a Claim may be made therefor as provided in Paragraph 10.05.

6.10 *Taxes*

- A. Contractor shall pay all sales, consumer, use, and other similar taxes required to be paid by Contractor in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.

6.11 *Use of Site and Other Areas*

- A. Limitation on Use of Site and Other Areas:
 - 1. Contractor shall confine construction equipment, the storage of materials and equipment, and the operations of workers to the Site and other areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and other areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof, or of any adjacent land or areas resulting from the performance of the Work.
 - 2. Should any claim be made by any such owner or occupant because of the performance of the Work, Contractor shall promptly settle with such other party by negotiation or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law.
 - 3. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against Owner, Engineer, or any other party indemnified hereunder to the extent caused by or based upon Contractor's performance of the Work.

- B. **Removal of Debris During Performance of the Work:** During the progress of the Work Contractor shall keep the Site and other areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris shall conform to applicable Laws and Regulations.
- C. **Cleaning:** Prior to Substantial Completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by Owner. At the completion of the Work Contractor shall remove from the Site all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.
- D. **Loading Structures:** Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent property to stresses or pressures that will endanger it.

6.12 *Record Documents*

- A. Contractor shall maintain in a safe place at the Site one record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, and written interpretations and clarifications in good order and annotated to show changes made during construction. These record documents together with all approved Samples and a counterpart of all approved Shop Drawings will be available to Engineer for reference. Upon completion of the Work, these record documents, Samples, and Shop Drawings will be delivered to Engineer for Owner.

6.13 *Safety and Protection*

- A. Contractor shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. Such responsibility does not relieve Subcontractors of their responsibility for the safety of persons or property in the performance of their work, nor for compliance with applicable safety Laws and Regulations. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:
 - 1. all persons on the Site or who may be affected by the Work;
 - 2. all the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
 - 3. other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.
- B. Contractor shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection. Contractor shall notify owners of adjacent property and of Underground Facilities and other utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property.
- C. Contractor shall comply with the applicable requirements of Owner's safety programs, if any. The Supplementary Conditions identify any Owner's safety programs that are applicable to the Work.
- D. Contractor shall inform Owner and Engineer of the specific requirements of Contractor's safety program with which Owner's and Engineer's employees and representatives must comply while at the Site.
- E. All damage, injury, or loss to any property referred to in Paragraph 6.13.A.2 or 6.13.A.3 caused, directly or indirectly, in whole or in part, by Contractor, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose

acts any of them may be liable, shall be remedied by Contractor (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of Owner or Engineer or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them).

- F. Contractor's duties and responsibilities for safety and for protection of the Work shall continue until such time as all the Work is completed and Engineer has issued a notice to Owner and Contractor in accordance with Paragraph 14.07.B that the Work is acceptable (except as otherwise expressly provided in connection with Substantial Completion).

6.14 *Safety Representative*

- A. Contractor shall designate a qualified and experienced safety representative at the Site whose duties and responsibilities shall be the prevention of accidents and the maintaining and supervising of safety precautions and programs.

6.15 *Hazard Communication Programs*

- A. Contractor shall be responsible for coordinating any exchange of material safety data sheets or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.

6.16 *Emergencies*

- A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, Contractor is obligated to act to prevent threatened damage, injury, or loss. Contractor shall give Engineer prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby or are required as a result thereof. If Engineer determines that a change in the Contract Documents is required because of the action taken by Contractor in response to such an emergency, a Work Change Directive or Change Order will be issued.

6.17 *Shop Drawings and Samples*

- A. Contractor shall submit Shop Drawings and Samples to Engineer for review and approval in accordance with the accepted Schedule of Submittals (as required by Paragraph 2.07). Each submittal will be identified as Engineer may require.
 - 1. *Shop Drawings:*
 - a. Submit number of copies specified in the General Requirements.
 - b. Data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show Engineer the services, materials, and equipment Contractor proposes to provide and to enable Engineer to review the information for the limited purposes required by Paragraph 6.17.D.
 - 2. *Samples:*
 - a. Submit number of Samples specified in the Specifications.
 - b. Clearly identify each Sample as to material, Supplier, pertinent data such as catalog numbers, the use for which intended and other data as Engineer may require to enable Engineer to review the submittal for the limited purposes required by Paragraph 6.17.D.

- B. Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to Engineer's review and approval of the pertinent submittal will be at the sole expense and responsibility of Contractor.
- C. Submittal Procedures:
1. Before submitting each Shop Drawing or Sample, Contractor shall have:
 - a. reviewed and coordinated each Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents;
 - b. determined and verified all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto;
 - c. determined and verified the suitability of all materials offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work; and
 - d. determined and verified all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto.
 2. Each submittal shall bear a stamp or specific written certification that Contractor has satisfied Contractor's obligations under the Contract Documents with respect to Contractor's review and approval of that submittal.
 3. With each submittal, Contractor shall give Engineer specific written notice of any variations that the Shop Drawing or Sample may have from the requirements of the Contract Documents. This notice shall be both a written communication separate from the Shop Drawings or Sample submittal; and, in addition, by a specific notation made on each Shop Drawing or Sample submitted to Engineer for review and approval of each such variation.
- D. Engineer's Review:
1. Engineer will provide timely review of Shop Drawings and Samples in accordance with the Schedule of Submittals acceptable to Engineer. Engineer's review and approval will be only to determine if the items covered by the submittals will, after installation or incorporation in the Work, conform to the information given in the Contract Documents and be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.
 2. Engineer's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction (except where a particular means, method, technique, sequence, or procedure of construction is specifically and expressly called for by the Contract Documents) or to safety precautions or programs incident thereto. The review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.
 3. Engineer's review and approval shall not relieve Contractor from responsibility for any variation from the requirements of the Contract Documents unless Contractor has complied with the requirements of Paragraph 6.17.C.3 and Engineer has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. Engineer's review and approval shall not relieve Contractor from responsibility for complying with the requirements of Paragraph 6.17.C.1.
- E. Resubmittal Procedures:
1. Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval.

Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous submittals.

6.18 *Continuing the Work*

- A. Contractor shall carry on the Work and adhere to the Progress Schedule during all disputes or disagreements with Owner. No Work shall be delayed or postponed pending resolution of any disputes or disagreements, except as permitted by Paragraph 15.04 or as Owner and Contractor may otherwise agree in writing.

6.19 *Contractor's General Warranty and Guarantee*

- A. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective. Engineer and its officers, directors, members, partners, employees, agents, consultants, and subcontractors shall be entitled to rely on representation of Contractor's warranty and guarantee.
- B. Contractor's warranty and guarantee hereunder excludes defects or damage caused by:
 - 1. abuse, modification, or improper maintenance or operation by persons other than Contractor, Subcontractors, Suppliers, or any other individual or entity for whom Contractor is responsible; or
 - 2. normal wear and tear under normal usage.
- C. Contractor's obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents or a release of Contractor's obligation to perform the Work in accordance with the Contract Documents:
 - 1. observations by Engineer;
 - 2. recommendation by Engineer or payment by Owner of any progress or final payment;
 - 3. the issuance of a certificate of Substantial Completion by Engineer or any payment related thereto by Owner;
 - 4. use or occupancy of the Work or any part thereof by Owner;
 - 5. any review and approval of a Shop Drawing or Sample submittal or the issuance of a notice of acceptability by Engineer;
 - 6. any inspection, test, or approval by others; or
 - 7. any correction of defective Work by Owner.

6.20 *Indemnification*

- A. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of the Work, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work or anyone for whose acts any of them may be liable .

- B. In any and all claims against Owner or Engineer or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors by any employee (or the survivor or personal representative of such employee) of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 6.20.A shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor or any such Subcontractor, Supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.
- C. The indemnification obligations of Contractor under Paragraph 6.20.A shall not extend to the liability of Engineer and Engineer's officers, directors, members, partners, employees, agents, consultants and subcontractors arising out of:
 - 1. the preparation or approval of, or the failure to prepare or approve maps, Drawings, opinions, reports, surveys, Change Orders, designs, or Specifications; or
 - 2. giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage.

6.21 *Delegation of Professional Design Services*

- A. Contractor will not be required to provide professional design services unless such services are specifically required by the Contract Documents for a portion of the Work or unless such services are required to carry out Contractor's responsibilities for construction means, methods, techniques, sequences and procedures. Contractor shall not be required to provide professional services in violation of applicable law.
- B. If professional design services or certifications by a design professional related to systems, materials or equipment are specifically required of Contractor by the Contract Documents, Owner and Engineer will specify all performance and design criteria that such services must satisfy. Contractor shall cause such services or certifications to be provided by a properly licensed professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, Shop Drawings and other submittals prepared by such professional. Shop Drawings and other submittals related to the Work designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to Engineer.
- C. Owner and Engineer shall be entitled to rely upon the adequacy, accuracy and completeness of the services, certifications or approvals performed by such design professionals, provided Owner and Engineer have specified to Contractor all performance and design criteria that such services must satisfy.
- D. Pursuant to this Paragraph 6.21, Engineer's review and approval of design calculations and design drawings will be only for the limited purpose of checking for conformance with performance and design criteria given and the design concept expressed in the Contract Documents. Engineer's review and approval of Shop Drawings and other submittals (except design calculations and design drawings) will be only for the purpose stated in Paragraph 6.17.D.1.
- E. Contractor shall not be responsible for the adequacy of the performance or design criteria required by the Contract Documents.

ARTICLE 7 – OTHER WORK AT THE SITE

7.01 *Related Work at Site*

- A. Owner may perform other work related to the Project at the Site with Owner's employees, or through other direct contracts therefor, or have other work performed by utility owners. If such other work is not noted in the Contract Documents, then:
 - 1. written notice thereof will be given to Contractor prior to starting any such other work; and
 - 2. if Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times that should be allowed as a result of such other work, a Claim may be made therefor as provided in Paragraph 10.05.
- B. Contractor shall afford each other contractor who is a party to such a direct contract, each utility owner, and Owner, if Owner is performing other work with Owner's employees, proper and safe access to the Site, provide a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such other work, and properly coordinate the Work with theirs. Contractor shall do all cutting, fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. Contractor shall not endanger any work of others by cutting, excavating, or otherwise altering such work; provided, however, that Contractor may cut or alter others' work with the written consent of Engineer and the others whose work will be affected. The duties and responsibilities of Contractor under this Paragraph are for the benefit of such utility owners and other contractors to the extent that there are comparable provisions for the benefit of Contractor in said direct contracts between Owner and such utility owners and other contractors.
- C. If the proper execution or results of any part of Contractor's Work depends upon work performed by others under this Article 7, Contractor shall inspect such other work and promptly report to Engineer in writing any delays, defects, or deficiencies in such other work that render it unavailable or unsuitable for the proper execution and results of Contractor's Work. Contractor's failure to so report will constitute an acceptance of such other work as fit and proper for integration with Contractor's Work except for latent defects and deficiencies in such other work.

7.02 *Coordination*

- A. If Owner intends to contract with others for the performance of other work on the Project at the Site, the following will be set forth in Supplementary Conditions:
 - 1. the individual or entity who will have authority and responsibility for coordination of the activities among the various contractors will be identified;
 - 2. the specific matters to be covered by such authority and responsibility will be itemized; and
 - 3. the extent of such authority and responsibilities will be provided.
- B. Unless otherwise provided in the Supplementary Conditions, Owner shall have sole authority and responsibility for such coordination.

7.03 *Legal Relationships*

- A. Paragraphs 7.01.A and 7.02 are not applicable for utilities not under the control of Owner.
- B. Each other direct contract of Owner under Paragraph 7.01.A shall provide that the other contractor is liable to Owner and Contractor for the reasonable direct delay and disruption costs incurred by Contractor as a result of the other contractor's wrongful actions or inactions.

- C. Contractor shall be liable to Owner and any other contractor under direct contract to Owner for the reasonable direct delay and disruption costs incurred by such other contractor as a result of Contractor's wrongful action or inactions.

ARTICLE 8 – OWNER'S RESPONSIBILITIES

8.01 *Communications to Contractor*

- A. Except as otherwise provided in these General Conditions, Owner shall issue all communications to Contractor through Engineer.

8.02 *Replacement of Engineer*

- A. In case of termination of the employment of Engineer, Owner shall appoint an engineer to whom Contractor makes no reasonable objection, whose status under the Contract Documents shall be that of the former Engineer.

8.03 *Furnish Data*

- A. Owner shall promptly furnish the data required of Owner under the Contract Documents.

8.04 *Pay When Due*

- A. Owner shall make payments to Contractor when they are due as provided in Paragraphs 14.02.C and 14.07.C.

8.05 *Lands and Easements; Reports and Tests*

- A. Owner's duties with respect to providing lands and easements and providing engineering surveys to establish reference points are set forth in Paragraphs 4.01 and 4.05. Paragraph 4.02 refers to Owner's identifying and making available to Contractor copies of reports of explorations and tests of subsurface conditions and drawings of physical conditions relating to existing surface or subsurface structures at the Site.

8.06 *Insurance*

- A. Owner's responsibilities, if any, with respect to purchasing and maintaining liability and property insurance are set forth in Article 5.

8.07 *Change Orders*

- A. Owner is obligated to execute Change Orders as indicated in Paragraph 10.03.

8.08 *Inspections, Tests, and Approvals*

- A. Owner's responsibility with respect to certain inspections, tests, and approvals is set forth in Paragraph 13.03.B.

8.09 *Limitations on Owner's Responsibilities*

- A. The Owner shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Owner will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

8.10 *Undisclosed Hazardous Environmental Condition*

- A. Owner's responsibility in respect to an undisclosed Hazardous Environmental Condition is set forth in Paragraph 4.06.

8.11 *Evidence of Financial Arrangements*

- A. Upon request of Contractor, Owner shall furnish Contractor reasonable evidence that financial arrangements have been made to satisfy Owner's obligations under the Contract Documents.

8.12 *Compliance with Safety Program*

- A. While at the Site, Owner's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Owner has been informed pursuant to Paragraph 6.13.D.

ARTICLE 9 – ENGINEER'S STATUS DURING CONSTRUCTION

9.01 *Owner's Representative*

- A. Engineer will be Owner's representative during the construction period. The duties and responsibilities and the limitations of authority of Engineer as Owner's representative during construction are set forth in the Contract Documents.

9.02 *Visits to Site*

- A. Engineer will make visits to the Site at intervals appropriate to the various stages of construction as Engineer deems necessary in order to observe as an experienced and qualified design professional the progress that has been made and the quality of the various aspects of Contractor's executed Work. Based on information obtained during such visits and observations, Engineer, for the benefit of Owner, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. Engineer will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. Engineer's efforts will be directed toward providing for Owner a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and observations, Engineer will keep Owner informed of the progress of the Work and will endeavor to guard Owner against defective Work.
- B. Engineer's visits and observations are subject to all the limitations on Engineer's authority and responsibility set forth in Paragraph 9.09. Particularly, but without limitation, during or as a result of Engineer's visits or observations of Contractor's Work, Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work.

9.03 *Project Representative*

- A. If Owner and Engineer agree, Engineer will furnish a Resident Project Representative to assist Engineer in providing more extensive observation of the Work. The authority and responsibilities of any such Resident Project Representative and assistants will be as provided in the Supplementary Conditions, and limitations on the responsibilities thereof will be as provided in Paragraph 9.09. If Owner designates another representative or agent to represent Owner at the Site who is not Engineer's consultant, agent or employee, the responsibilities and authority and limitations thereon of such other individual or entity will be as provided in the Supplementary Conditions.

9.04 *Authorized Variations in Work*

- A. Engineer may authorize minor variations in the Work from the requirements of the Contract Documents which do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. These may be accomplished by a Field Order and will be binding on Owner and also on Contractor, who shall perform the Work involved promptly. If Owner or Contractor believes

that a Field Order justifies an adjustment in the Contract Price or Contract Times, or both, and the parties are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment, a Claim may be made therefor as provided in Paragraph 10.05.

9.05 *Rejecting Defective Work*

- A. Engineer will have authority to reject Work which Engineer believes to be defective, or that Engineer believes will not produce a completed Project that conforms to the Contract Documents or that will prejudice the integrity of the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Engineer will also have authority to require special inspection or testing of the Work as provided in Paragraph 13.04, whether or not the Work is fabricated, installed, or completed.

9.06 *Shop Drawings, Change Orders and Payments*

- A. In connection with Engineer's authority, and limitations thereof, as to Shop Drawings and Samples, see Paragraph 6.17.
- B. In connection with Engineer's authority, and limitations thereof, as to design calculations and design drawings submitted in response to a delegation of professional design services, if any, see Paragraph 6.21.
- C. In connection with Engineer's authority as to Change Orders, see Articles 10, 11, and 12.
- D. In connection with Engineer's authority as to Applications for Payment, see Article 14.

9.07 *Determinations for Unit Price Work*

- A. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor. Engineer will review with Contractor the Engineer's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). Engineer's written decision thereon will be final and binding (except as modified by Engineer to reflect changed factual conditions or more accurate data) upon Owner and Contractor, subject to the provisions of Paragraph 10.05.

9.08 *Decisions on Requirements of Contract Documents and Acceptability of Work*

- A. Engineer will be the initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the Work thereunder. All matters in question and other matters between Owner and Contractor arising prior to the date final payment is due relating to the acceptability of the Work, and the interpretation of the requirements of the Contract Documents pertaining to the performance of the Work, will be referred initially to Engineer in writing within 30 days of the event giving rise to the question.
- B. Engineer will, with reasonable promptness, render a written decision on the issue referred. If Owner or Contractor believes that any such decision entitles them to an adjustment in the Contract Price or Contract Times or both, a Claim may be made under Paragraph 10.05. The date of Engineer's decision shall be the date of the event giving rise to the issues referenced for the purposes of Paragraph 10.05.B.
- C. Engineer's written decision on the issue referred will be final and binding on Owner and Contractor, subject to the provisions of Paragraph 10.05.
- D. When functioning as interpreter and judge under this Paragraph 9.08, Engineer will not show partiality to Owner or Contractor and will not be liable in connection with any interpretation or decision rendered in good faith in such capacity.

9.09 *Limitations on Engineer's Authority and Responsibilities*

- A. Neither Engineer's authority or responsibility under this Article 9 or under any other provision of the Contract Documents nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by Engineer shall create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.
- B. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.
- C. Engineer will not be responsible for the acts or omissions of Contractor or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.
- D. Engineer's review of the final Application for Payment and accompanying documentation and all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by Paragraph 14.07.A will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests, and approvals that the results certified indicate compliance with, the Contract Documents.
- E. The limitations upon authority and responsibility set forth in this Paragraph 9.09 shall also apply to the Resident Project Representative, if any, and assistants, if any.

9.10 *Compliance with Safety Program*

- A. While at the Site, Engineer's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Engineer has been informed pursuant to Paragraph 6.13.D.

ARTICLE 10 – CHANGES IN THE WORK; CLAIMS

10.01 *Authorized Changes in the Work*

- A. Without invalidating the Contract and without notice to any surety, Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work by a Change Order, or a Work Change Directive. Upon receipt of any such document, Contractor shall promptly proceed with the Work involved which will be performed under the applicable conditions of the Contract Documents (except as otherwise specifically provided).
- B. If Owner and Contractor are unable to agree on entitlement to, or on the amount or extent, if any, of an adjustment in the Contract Price or Contract Times, or both, that should be allowed as a result of a Work Change Directive, a Claim may be made therefor as provided in Paragraph 10.05.

10.02 *Unauthorized Changes in the Work*

- A. Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents as amended, modified, or supplemented as provided in Paragraph 3.04, except in the case of an emergency as provided in Paragraph 6.16 or in the case of uncovering Work as provided in Paragraph 13.04.D.

10.03 *Execution of Change Orders*

- A. Owner and Contractor shall execute appropriate Change Orders recommended by Engineer covering:
 - 1. changes in the Work which are: (i) ordered by Owner pursuant to Paragraph 10.01.A, (ii) required because of acceptance of defective Work under Paragraph 13.08.A or Owner's correction of defective Work under Paragraph 13.09, or (iii) agreed to by the parties;
 - 2. changes in the Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive; and
 - 3. changes in the Contract Price or Contract Times which embody the substance of any written decision rendered by Engineer pursuant to Paragraph 10.05; provided that, in lieu of executing any such Change Order, an appeal may be taken from any such decision in accordance with the provisions of the Contract Documents and applicable Laws and Regulations, but during any such appeal, Contractor shall carry on the Work and adhere to the Progress Schedule as provided in Paragraph 6.18.A.

10.04 *Notification to Surety*

- A. If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

10.05 *Claims*

- A. Engineer's Decision Required: All Claims, except those waived pursuant to Paragraph 14.09, shall be referred to the Engineer for decision. A decision by Engineer shall be required as a condition precedent to any exercise by Owner or Contractor of any rights or remedies either may otherwise have under the Contract Documents or by Laws and Regulations in respect of such Claims.
- B. Notice: Written notice stating the general nature of each Claim shall be delivered by the claimant to Engineer and the other party to the Contract promptly (but in no event later than 30 days) after the start of the event giving rise thereto. The responsibility to substantiate a Claim shall rest with the party making the Claim. Notice of the amount or extent of the Claim, with supporting data shall be delivered to the Engineer and the other party to the Contract within 60 days after the start of such event (unless Engineer allows additional time for claimant to submit additional or more accurate data in support of such Claim). A Claim for an adjustment in Contract Price shall be prepared in accordance with the provisions of Paragraph 12.01.B. A Claim for an adjustment in Contract Times shall be prepared in accordance with the provisions of Paragraph 12.02.B. Each Claim shall be accompanied by claimant's written statement that the adjustment claimed is the entire adjustment to which the claimant believes it is entitled as a result of said event. The opposing party shall submit any response to Engineer and the claimant within 30 days after receipt of the claimant's last submittal (unless Engineer allows additional time).
- C. Engineer's Action: Engineer will review each Claim and, within 30 days after receipt of the last submittal of the claimant or the last submittal of the opposing party, if any, take one of the following actions in writing:
 - 1. deny the Claim in whole or in part;
 - 2. approve the Claim; or

3. notify the parties that the Engineer is unable to resolve the Claim if, in the Engineer's sole discretion, it would be inappropriate for the Engineer to do so. For purposes of further resolution of the Claim, such notice shall be deemed a denial.
- D. In the event that Engineer does not take action on a Claim within said 30 days, the Claim shall be deemed denied.
- E. Engineer's written action under Paragraph 10.05.C or denial pursuant to Paragraphs 10.05.C.3 or 10.05.D will be final and binding upon Owner and Contractor, unless Owner or Contractor invoke the dispute resolution procedure set forth in Article 16 within 30 days of such action or denial.
- F. No Claim for an adjustment in Contract Price or Contract Times will be valid if not submitted in accordance with this Paragraph 10.05.

ARTICLE 11 – COST OF THE WORK; ALLOWANCES; UNIT PRICE WORK

11.01 *Cost of the Work*

- A. Costs Included: The term Cost of the Work means the sum of all costs, except those excluded in Paragraph 11.01.B, necessarily incurred and paid by Contractor in the proper performance of the Work. When the value of any Work covered by a Change Order or when a Claim for an adjustment in Contract Price is determined on the basis of Cost of the Work, the costs to be reimbursed to Contractor will be only those additional or incremental costs required because of the change in the Work or because of the event giving rise to the Claim. Except as otherwise may be agreed to in writing by Owner, such costs shall be in amounts no higher than those prevailing in the locality of the Project, shall not include any of the costs itemized in Paragraph 11.01.B, and shall include only the following items:
 1. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by Owner and Contractor. Such employees shall include, without limitation, superintendents, foremen, and other personnel employed full time on the Work. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits, which shall include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, bonuses, sick leave, vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, shall be included in the above to the extent authorized by Owner.
 2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts shall accrue to Contractor unless Owner deposits funds with Contractor with which to make payments, in which case the cash discounts shall accrue to Owner. All trade discounts, rebates and refunds and returns from sale of surplus materials and equipment shall accrue to Owner, and Contractor shall make provisions so that they may be obtained.
 3. Payments made by Contractor to Subcontractors for Work performed by Subcontractors. If required by Owner, Contractor shall obtain competitive bids from subcontractors acceptable to Owner and Contractor and shall deliver such bids to Owner, who will then determine, with the advice of Engineer, which bids, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee shall be determined in the same manner as Contractor's Cost of the Work and fee as provided in this Paragraph 11.01.
 4. Costs of special consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys, and accountants) employed for services specifically related to the Work.

5. Supplemental costs including the following:

- a. The proportion of necessary transportation, travel, and subsistence expenses of Contractor's employees incurred in discharge of duties connected with the Work.
- b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of Contractor.
- c. Rentals of all construction equipment and machinery, and the parts thereof whether rented from Contractor or others in accordance with rental agreements approved by Owner with the advice of Engineer, and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs shall be in accordance with the terms of said rental agreements. The rental of any such equipment, machinery, or parts shall cease when the use thereof is no longer necessary for the Work.
- d. Sales, consumer, use, and other similar taxes related to the Work, and for which Contractor is liable, as imposed by Laws and Regulations.
- e. Deposits lost for causes other than negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.
- f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by Contractor in connection with the performance of the Work (except losses and damages within the deductible amounts of property insurance established in accordance with Paragraph 5.06.D), provided such losses and damages have resulted from causes other than the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of Owner. No such losses, damages, and expenses shall be included in the Cost of the Work for the purpose of determining Contractor's fee.
- g. The cost of utilities, fuel, and sanitary facilities at the Site.
- h. Minor expenses such as telegrams, long distance telephone calls, telephone service at the Site, express and courier services, and similar petty cash items in connection with the Work.
- i. The costs of premiums for all bonds and insurance Contractor is required by the Contract Documents to purchase and maintain.

B. Costs Excluded: The term Cost of the Work shall not include any of the following items:

1. Payroll costs and other compensation of Contractor's officers, executives, principals (of partnerships and sole proprietorships), general managers, safety managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by Contractor, whether at the Site or in Contractor's principal or branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 11.01.A.1 or specifically covered by Paragraph 11.01.A.4, all of which are to be considered administrative costs covered by the Contractor's fee.
2. Expenses of Contractor's principal and branch offices other than Contractor's office at the Site.
3. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.

4. Costs due to the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.
 5. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraphs 11.01.A.
- C. Contractor's Fee: When all the Work is performed on the basis of cost-plus, Contractor's fee shall be determined as set forth in the Agreement. When the value of any Work covered by a Change Order or when a Claim for an adjustment in Contract Price is determined on the basis of Cost of the Work, Contractor's fee shall be determined as set forth in Paragraph 12.01.C.
- D. Documentation: Whenever the Cost of the Work for any purpose is to be determined pursuant to Paragraphs 11.01.A and 11.01.B, Contractor will establish and maintain records thereof in accordance with generally accepted accounting practices and submit in a form acceptable to Engineer an itemized cost breakdown together with supporting data.

11.02 Allowances

- A. It is understood that Contractor has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums and by such persons or entities as may be acceptable to Owner and Engineer.
- B. Cash Allowances:
1. Contractor agrees that:
 - a. the cash allowances include the cost to Contractor (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the Site, and all applicable taxes; and
 - b. Contractor's costs for unloading and handling on the Site, labor, installation, overhead, profit, and other expenses contemplated for the cash allowances have been included in the Contract Price and not in the allowances, and no demand for additional payment on account of any of the foregoing will be valid.
- C. Contingency Allowance:
1. Contractor agrees that a contingency allowance, if any, is for the sole use of Owner to cover unanticipated costs.
- D. Prior to final payment, an appropriate Change Order will be issued as recommended by Engineer to reflect actual amounts due Contractor on account of Work covered by allowances, and the Contract Price shall be correspondingly adjusted.

11.03 Unit Price Work

- A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement.
- B. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Determinations of the actual quantities and classifications of Unit Price Work performed by Contractor will be made by Engineer subject to the provisions of Paragraph 9.07.

- C. Each unit price will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead and profit for each separately identified item.
- D. Owner or Contractor may make a Claim for an adjustment in the Contract Price in accordance with Paragraph 10.05 if:
 - 1. the quantity of any item of Unit Price Work performed by Contractor differs materially and significantly from the estimated quantity of such item indicated in the Agreement; and
 - 2. there is no corresponding adjustment with respect to any other item of Work; and
 - 3. Contractor believes that Contractor is entitled to an increase in Contract Price as a result of having incurred additional expense or Owner believes that Owner is entitled to a decrease in Contract Price and the parties are unable to agree as to the amount of any such increase or decrease.

ARTICLE 12 – CHANGE OF CONTRACT PRICE; CHANGE OF CONTRACT TIMES

12.01 *Change of Contract Price*

- A. The Contract Price may only be changed by a Change Order. Any Claim for an adjustment in the Contract Price shall be based on written notice submitted by the party making the Claim to the Engineer and the other party to the Contract in accordance with the provisions of Paragraph 10.05.
- B. The value of any Work covered by a Change Order or of any Claim for an adjustment in the Contract Price will be determined as follows:
 - 1. where the Work involved is covered by unit prices contained in the Contract Documents, by application of such unit prices to the quantities of the items involved (subject to the provisions of Paragraph 11.03); or
 - 2. where the Work involved is not covered by unit prices contained in the Contract Documents, by a mutually agreed lump sum (which may include an allowance for overhead and profit not necessarily in accordance with Paragraph 12.01.C.2); or
 - 3. where the Work involved is not covered by unit prices contained in the Contract Documents and agreement to a lump sum is not reached under Paragraph 12.01.B.2, on the basis of the Cost of the Work (determined as provided in Paragraph 11.01) plus a Contractor's fee for overhead and profit (determined as provided in Paragraph 12.01.C).
- C. Contractor's Fee: The Contractor's fee for overhead and profit shall be determined as follows:
 - 1. a mutually acceptable fixed fee; or
 - 2. if a fixed fee is not agreed upon, then a fee based on the following percentages of the various portions of the Cost of the Work:
 - a. for costs incurred under Paragraphs 11.01.A.1 and 11.01.A.2, the Contractor's fee shall be 15 percent;
 - b. for costs incurred under Paragraph 11.01.A.3, the Contractor's fee shall be five percent;
 - c. where one or more tiers of subcontracts are on the basis of Cost of the Work plus a fee and no fixed fee is agreed upon, the intent of Paragraphs 12.01.C.2.a and 12.01.C.2.b is that the Subcontractor who actually performs the Work, at whatever tier, will be paid a fee of 15 percent of the costs incurred by such Subcontractor under Paragraphs 11.01.A.1 and 11.01.A.2 and that any higher tier Subcontractor and Contractor will each be paid a fee of five percent of the amount paid to the next lower tier Subcontractor;

- d. no fee shall be payable on the basis of costs itemized under Paragraphs 11.01.A.4, 11.01.A.5, and 11.01.B;
- e. the amount of credit to be allowed by Contractor to Owner for any change which results in a net decrease in cost will be the amount of the actual net decrease in cost plus a deduction in Contractor's fee by an amount equal to five percent of such net decrease; and
- f. when both additions and credits are involved in any one change, the adjustment in Contractor's fee shall be computed on the basis of the net change in accordance with Paragraphs 12.01.C.2.a through 12.01.C.2.e, inclusive.

12.02 *Change of Contract Times*

- A. The Contract Times may only be changed by a Change Order. Any Claim for an adjustment in the Contract Times shall be based on written notice submitted by the party making the Claim to the Engineer and the other party to the Contract in accordance with the provisions of Paragraph 10.05.
- B. Any adjustment of the Contract Times covered by a Change Order or any Claim for an adjustment in the Contract Times will be determined in accordance with the provisions of this Article 12.

12.03 *Delays*

- A. Where Contractor is prevented from completing any part of the Work within the Contract Times due to delay beyond the control of Contractor, the Contract Times will be extended in an amount equal to the time lost due to such delay if a Claim is made therefor as provided in Paragraph 12.02.A. Delays beyond the control of Contractor shall include, but not be limited to, acts or neglect by Owner, acts or neglect of utility owners or other contractors performing other work as contemplated by Article 7, fires, floods, epidemics, abnormal weather conditions, or acts of God.
- B. If Owner, Engineer, or other contractors or utility owners performing other work for Owner as contemplated by Article 7, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in the Contract Price or the Contract Times, or both. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.
- C. If Contractor is delayed in the performance or progress of the Work by fire, flood, epidemic, abnormal weather conditions, acts of God, acts or failures to act of utility owners not under the control of Owner, or other causes not the fault of and beyond control of Owner and Contractor, then Contractor shall be entitled to an equitable adjustment in Contract Times, if such adjustment is essential to Contractor's ability to complete the Work within the Contract Times. Such an adjustment shall be Contractor's sole and exclusive remedy for the delays described in this Paragraph 12.03.C.
- D. Owner, Engineer, and their officers, directors, members, partners, employees, agents, consultants, or subcontractors shall not be liable to Contractor for any claims, costs, losses, or damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Contractor on or in connection with any other project or anticipated project.
- E. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delays within the control of Contractor. Delays attributable to and within the control of a Subcontractor or Supplier shall be deemed to be delays within the control of Contractor.

ARTICLE 13 – TESTS AND INSPECTIONS; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

13.01 *Notice of Defects*

- A. Prompt notice of all defective Work of which Owner or Engineer has actual knowledge will be given to Contractor. Defective Work may be rejected, corrected, or accepted as provided in this Article 13.

13.02 *Access to Work*

- A. Owner, Engineer, their consultants and other representatives and personnel of Owner, independent testing laboratories, and governmental agencies with jurisdictional interests will have access to the Site and the Work at reasonable times for their observation, inspection, and testing. Contractor shall provide them proper and safe conditions for such access and advise them of Contractor's safety procedures and programs so that they may comply therewith as applicable.

13.03 *Tests and Inspections*

- A. Contractor shall give Engineer timely notice of readiness of the Work for all required inspections, tests, or approvals and shall cooperate with inspection and testing personnel to facilitate required inspections or tests.
- B. Owner shall employ and pay for the services of an independent testing laboratory to perform all inspections, tests, or approvals required by the Contract Documents except:
 - 1. for inspections, tests, or approvals covered by Paragraphs 13.03.C and 13.03.D below;
 - 2. that costs incurred in connection with tests or inspections conducted pursuant to Paragraph 13.04.B shall be paid as provided in Paragraph 13.04.C; and
 - 3. as otherwise specifically provided in the Contract Documents.
- C. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, Contractor shall assume full responsibility for arranging and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish Engineer the required certificates of inspection or approval.
- D. Contractor shall be responsible for arranging and obtaining and shall pay all costs in connection with any inspections, tests, or approvals required for Owner's and Engineer's acceptance of materials or equipment to be incorporated in the Work; or acceptance of materials, mix designs, or equipment submitted for approval prior to Contractor's purchase thereof for incorporation in the Work. Such inspections, tests, or approvals shall be performed by organizations acceptable to Owner and Engineer.
- E. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Engineer, Contractor shall, if requested by Engineer, uncover such Work for observation.
- F. Uncovering Work as provided in Paragraph 13.03.E shall be at Contractor's expense unless Contractor has given Engineer timely notice of Contractor's intention to cover the same and Engineer has not acted with reasonable promptness in response to such notice.

13.04 *Uncovering Work*

- A. If any Work is covered contrary to the written request of Engineer, it must, if requested by Engineer, be uncovered for Engineer's observation and replaced at Contractor's expense.
- B. If Engineer considers it necessary or advisable that covered Work be observed by Engineer or inspected or tested by others, Contractor, at Engineer's request, shall uncover, expose, or otherwise make

available for observation, inspection, or testing as Engineer may require, that portion of the Work in question, furnishing all necessary labor, material, and equipment.

- C. If it is found that the uncovered Work is defective, Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and Owner shall be entitled to an appropriate decrease in the Contract Price. If the parties are unable to agree as to the amount thereof, Owner may make a Claim therefor as provided in Paragraph 10.05.
- D. If the uncovered Work is not found to be defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Times, or both, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, Contractor may make a Claim therefor as provided in Paragraph 10.05.

13.05 *Owner May Stop the Work*

- A. If the Work is defective, or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, Owner may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of Owner to stop the Work shall not give rise to any duty on the part of Owner to exercise this right for the benefit of Contractor, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

13.06 *Correction or Removal of Defective Work*

- A. Promptly after receipt of written notice, Contractor shall correct all defective Work, whether or not fabricated, installed, or completed, or, if the Work has been rejected by Engineer, remove it from the Project and replace it with Work that is not defective. Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or removal (including but not limited to all costs of repair or replacement of work of others).
- B. When correcting defective Work under the terms of this Paragraph 13.06 or Paragraph 13.07, Contractor shall take no action that would void or otherwise impair Owner's special warranty and guarantee, if any, on said Work.

13.07 *Correction Period*

- A. If within one year after the date of Substantial Completion (or such longer period of time as may be prescribed by the terms of any applicable special guarantee required by the Contract Documents) or by any specific provision of the Contract Documents, any Work is found to be defective, or if the repair of any damages to the land or areas made available for Contractor's use by Owner or permitted by Laws and Regulations as contemplated in Paragraph 6.11.A is found to be defective, Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions:
 - 1. repair such defective land or areas; or
 - 2. correct such defective Work; or
 - 3. if the defective Work has been rejected by Owner, remove it from the Project and replace it with Work that is not defective, and

4. satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others or other land or areas resulting therefrom.
- B. If Contractor does not promptly comply with the terms of Owner's written instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or repaired or may have the rejected Work removed and replaced. All claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement of work of others) will be paid by Contractor.
- C. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.
- D. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under this Paragraph 13.07, the correction period hereunder with respect to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.
- E. Contractor's obligations under this Paragraph 13.07 are in addition to any other obligation or warranty. The provisions of this Paragraph 13.07 shall not be construed as a substitute for, or a waiver of, the provisions of any applicable statute of limitation or repose.

13.08 *Acceptance of Defective Work*

- A. If, instead of requiring correction or removal and replacement of defective Work, Owner (and, prior to Engineer's recommendation of final payment, Engineer) prefers to accept it, Owner may do so. Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) attributable to Owner's evaluation of and determination to accept such defective Work (such costs to be approved by Engineer as to reasonableness) and for the diminished value of the Work to the extent not otherwise paid by Contractor pursuant to this sentence. If any such acceptance occurs prior to Engineer's recommendation of final payment, a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work, and Owner shall be entitled to an appropriate decrease in the Contract Price, reflecting the diminished value of Work so accepted. If the parties are unable to agree as to the amount thereof, Owner may make a Claim therefor as provided in Paragraph 10.05. If the acceptance occurs after such recommendation, an appropriate amount will be paid by Contractor to Owner.

13.09 *Owner May Correct Defective Work*

- A. If Contractor fails within a reasonable time after written notice from Engineer to correct defective Work, or to remove and replace rejected Work as required by Engineer in accordance with Paragraph 13.06.A, or if Contractor fails to perform the Work in accordance with the Contract Documents, or if Contractor fails to comply with any other provision of the Contract Documents, Owner may, after seven days written notice to Contractor, correct, or remedy any such deficiency.
- B. In exercising the rights and remedies under this Paragraph 13.09, Owner shall proceed expeditiously. In connection with such corrective or remedial action, Owner may exclude Contractor from all or part of the Site, take possession of all or part of the Work and suspend Contractor's services related thereto, take possession of Contractor's tools, appliances, construction equipment and machinery at the Site, and incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere. Contractor shall allow Owner, Owner's representatives,

agents and employees, Owner's other contractors, and Engineer and Engineer's consultants access to the Site to enable Owner to exercise the rights and remedies under this Paragraph.

- C. All claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) incurred or sustained by Owner in exercising the rights and remedies under this Paragraph 13.09 will be charged against Contractor, and a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work; and Owner shall be entitled to an appropriate decrease in the Contract Price. If the parties are unable to agree as to the amount of the adjustment, Owner may make a Claim therefor as provided in Paragraph 10.05. Such claims, costs, losses and damages will include but not be limited to all costs of repair, or replacement of work of others destroyed or damaged by correction, removal, or replacement of Contractor's defective Work.
- D. Contractor shall not be allowed an extension of the Contract Times because of any delay in the performance of the Work attributable to the exercise by Owner of Owner's rights and remedies under this Paragraph 13.09.

ARTICLE 14 – PAYMENTS TO CONTRACTOR AND COMPLETION

14.01 *Schedule of Values*

- A. The Schedule of Values established as provided in Paragraph 2.07.A will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to Engineer. Progress payments on account of Unit Price Work will be based on the number of units completed.

14.02 *Progress Payments*

A. Applications for Payments:

1. At least 20 days before the date established in the Agreement for each progress payment (but not more often than once a month), Contractor shall submit to Engineer for review an Application for Payment filled out and signed by Contractor covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment shall also be accompanied by a bill of sale, invoice, or other documentation warranting that Owner has received the materials and equipment free and clear of all Liens and evidence that the materials and equipment are covered by appropriate property insurance or other arrangements to protect Owner's interest therein, all of which must be satisfactory to Owner.
2. Beginning with the second Application for Payment, each Application shall include an affidavit of Contractor stating that all previous progress payments received on account of the Work have been applied on account to discharge Contractor's legitimate obligations associated with prior Applications for Payment.
3. The amount of retainage with respect to progress payments will be as stipulated in the Agreement.

B. Review of Applications:

1. Engineer will, within 10 days after receipt of each Application for Payment, either indicate in writing a recommendation of payment and present the Application to Owner or return the Application to Contractor indicating in writing Engineer's reasons for refusing to recommend payment. In the latter case, Contractor may make the necessary corrections and resubmit the Application.

2. Engineer's recommendation of any payment requested in an Application for Payment will constitute a representation by Engineer to Owner, based on Engineer's observations of the executed Work as an experienced and qualified design professional, and on Engineer's review of the Application for Payment and the accompanying data and schedules, that to the best of Engineer's knowledge, information and belief:
 - a. the Work has progressed to the point indicated;
 - b. the quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, the results of any subsequent tests called for in the Contract Documents, a final determination of quantities and classifications for Unit Price Work under Paragraph 9.07, and any other qualifications stated in the recommendation); and
 - c. the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work.
3. By recommending any such payment Engineer will not thereby be deemed to have represented that:
 - a. inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Contract Documents; or
 - b. there may not be other matters or issues between the parties that might entitle Contractor to be paid additionally by Owner or entitle Owner to withhold payment to Contractor.
4. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment, including final payment, will impose responsibility on Engineer:
 - a. to supervise, direct, or control the Work, or
 - b. for the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or
 - c. for Contractor's failure to comply with Laws and Regulations applicable to Contractor's performance of the Work, or
 - d. to make any examination to ascertain how or for what purposes Contractor has used the moneys paid on account of the Contract Price, or
 - e. to determine that title to any of the Work, materials, or equipment has passed to Owner free and clear of any Liens.
5. Engineer may refuse to recommend the whole or any part of any payment if, in Engineer's opinion, it would be incorrect to make the representations to Owner stated in Paragraph 14.02.B.2. Engineer may also refuse to recommend any such payment or, because of subsequently discovered evidence or the results of subsequent inspections or tests, revise or revoke any such payment recommendation previously made, to such extent as may be necessary in Engineer's opinion to protect Owner from loss because:
 - a. the Work is defective, or completed Work has been damaged, requiring correction or replacement;
 - b. the Contract Price has been reduced by Change Orders;

- c. Owner has been required to correct defective Work or complete Work in accordance with Paragraph 13.09; or
 - d. Engineer has actual knowledge of the occurrence of any of the events enumerated in Paragraph 15.02.A.
- C. Payment Becomes Due:
 - 1. Ten days after presentation of the Application for Payment to Owner with Engineer's recommendation, the amount recommended will (subject to the provisions of Paragraph 14.02.D) become due, and when due will be paid by Owner to Contractor.
- D. Reduction in Payment:
 - 1. Owner may refuse to make payment of the full amount recommended by Engineer because:
 - a. claims have been made against Owner on account of Contractor's performance or furnishing of the Work;
 - b. Liens have been filed in connection with the Work, except where Contractor has delivered a specific bond satisfactory to Owner to secure the satisfaction and discharge of such Liens;
 - c. there are other items entitling Owner to a set-off against the amount recommended; or
 - d. Owner has actual knowledge of the occurrence of any of the events enumerated in Paragraphs 14.02.B.5.a through 14.02.B.5.c or Paragraph 15.02.A.
 - 2. If Owner refuses to make payment of the full amount recommended by Engineer, Owner will give Contractor immediate written notice (with a copy to Engineer) stating the reasons for such action and promptly pay Contractor any amount remaining after deduction of the amount so withheld. Owner shall promptly pay Contractor the amount so withheld, or any adjustment thereto agreed to by Owner and Contractor, when Contractor remedies the reasons for such action.
 - 3. Upon a subsequent determination that Owner's refusal of payment was not justified, the amount wrongfully withheld shall be treated as an amount due as determined by Paragraph 14.02.C.1 and subject to interest as provided in the Agreement.

14.03 *Contractor's Warranty of Title*

- A. Contractor warrants and guarantees that title to all Work, materials, and equipment covered by any Application for Payment, whether incorporated in the Project or not, will pass to Owner no later than the time of payment free and clear of all Liens.

14.04 *Substantial Completion*

- A. When Contractor considers the entire Work ready for its intended use Contractor shall notify Owner and Engineer in writing that the entire Work is substantially complete (except for items specifically listed by Contractor as incomplete) and request that Engineer issue a certificate of Substantial Completion.
- B. Promptly after Contractor's notification, Owner, Contractor, and Engineer shall make an inspection of the Work to determine the status of completion. If Engineer does not consider the Work substantially complete, Engineer will notify Contractor in writing giving the reasons therefor.
- C. If Engineer considers the Work substantially complete, Engineer will deliver to Owner a tentative certificate of Substantial Completion which shall fix the date of Substantial Completion. There shall be attached to the certificate a tentative list of items to be completed or corrected before final payment. Owner shall have seven days after receipt of the tentative certificate during which to make written objection to Engineer as to any provisions of the certificate or attached list. If, after considering such

objections, Engineer concludes that the Work is not substantially complete, Engineer will, within 14 days after submission of the tentative certificate to Owner, notify Contractor in writing, stating the reasons therefor. If, after consideration of Owner's objections, Engineer considers the Work substantially complete, Engineer will, within said 14 days, execute and deliver to Owner and Contractor a definitive certificate of Substantial Completion (with a revised tentative list of items to be completed or corrected) reflecting such changes from the tentative certificate as Engineer believes justified after consideration of any objections from Owner.

- D. At the time of delivery of the tentative certificate of Substantial Completion, Engineer will deliver to Owner and Contractor a written recommendation as to division of responsibilities pending final payment between Owner and Contractor with respect to security, operation, safety, and protection of the Work, maintenance, heat, utilities, insurance, and warranties and guarantees. Unless Owner and Contractor agree otherwise in writing and so inform Engineer in writing prior to Engineer's issuing the definitive certificate of Substantial Completion, Engineer's aforesaid recommendation will be binding on Owner and Contractor until final payment.
- E. Owner shall have the right to exclude Contractor from the Site after the date of Substantial Completion subject to allowing Contractor reasonable access to remove its property and complete or correct items on the tentative list.

14.05 *Partial Utilization*

- A. Prior to Substantial Completion of all the Work, Owner may use or occupy any substantially completed part of the Work which has specifically been identified in the Contract Documents, or which Owner, Engineer, and Contractor agree constitutes a separately functioning and usable part of the Work that can be used by Owner for its intended purpose without significant interference with Contractor's performance of the remainder of the Work, subject to the following conditions:
 - 1. Owner at any time may request Contractor in writing to permit Owner to use or occupy any such part of the Work which Owner believes to be ready for its intended use and substantially complete. If and when Contractor agrees that such part of the Work is substantially complete, Contractor, Owner, and Engineer will follow the procedures of Paragraph 14.04.A through D for that part of the Work.
 - 2. Contractor at any time may notify Owner and Engineer in writing that Contractor considers any such part of the Work ready for its intended use and substantially complete and request Engineer to issue a certificate of Substantial Completion for that part of the Work.
 - 3. Within a reasonable time after either such request, Owner, Contractor, and Engineer shall make an inspection of that part of the Work to determine its status of completion. If Engineer does not consider that part of the Work to be substantially complete, Engineer will notify Owner and Contractor in writing giving the reasons therefor. If Engineer considers that part of the Work to be substantially complete, the provisions of Paragraph 14.04 will apply with respect to certification of Substantial Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.
 - 4. No use or occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of Paragraph 5.10 regarding property insurance.

14.06 *Final Inspection*

- A. Upon written notice from Contractor that the entire Work or an agreed portion thereof is complete, Engineer will promptly make a final inspection with Owner and Contractor and will notify Contractor in writing of all particulars in which this inspection reveals that the Work is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

14.07 *Final Payment*

A. Application for Payment:

1. After Contractor has, in the opinion of Engineer, satisfactorily completed all corrections identified during the final inspection and has delivered, in accordance with the Contract Documents, all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance, certificates of inspection, marked-up record documents (as provided in Paragraph 6.12), and other documents, Contractor may make application for final payment following the procedure for progress payments.
2. The final Application for Payment shall be accompanied (except as previously delivered) by:
 - a. all documentation called for in the Contract Documents, including but not limited to the evidence of insurance required by Paragraph 5.04.B.6;
 - b. consent of the surety, if any, to final payment;
 - c. a list of all Claims against Owner that Contractor believes are unsettled; and
 - d. complete and legally effective releases or waivers (satisfactory to Owner) of all Lien rights arising out of or Liens filed in connection with the Work.
3. In lieu of the releases or waivers of Liens specified in Paragraph 14.07.A.2 and as approved by Owner, Contractor may furnish receipts or releases in full and an affidavit of Contractor that: (i) the releases and receipts include all labor, services, material, and equipment for which a Lien could be filed; and (ii) all payrolls, material and equipment bills, and other indebtedness connected with the Work for which Owner might in any way be responsible, or which might in any way result in liens or other burdens on Owner's property, have been paid or otherwise satisfied. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, Contractor may furnish a bond or other collateral satisfactory to Owner to indemnify Owner against any Lien.

B. Engineer's Review of Application and Acceptance:

1. If, on the basis of Engineer's observation of the Work during construction and final inspection, and Engineer's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, Engineer is satisfied that the Work has been completed and Contractor's other obligations under the Contract Documents have been fulfilled, Engineer will, within ten days after receipt of the final Application for Payment, indicate in writing Engineer's recommendation of payment and present the Application for Payment to Owner for payment. At the same time Engineer will also give written notice to Owner and Contractor that the Work is acceptable subject to the provisions of Paragraph 14.09. Otherwise, Engineer will return the Application for Payment to Contractor, indicating in writing the reasons for refusing to recommend final payment, in which case Contractor shall make the necessary corrections and resubmit the Application for Payment.

C. Payment Becomes Due:

1. Thirty days after the presentation to Owner of the Application for Payment and accompanying documentation, the amount recommended by Engineer, less any sum Owner is entitled to set off against Engineer's recommendation, including but not limited to liquidated damages, will become due and will be paid by Owner to Contractor.

14.08 *Final Completion Delayed*

- A. If, through no fault of Contractor, final completion of the Work is significantly delayed, and if Engineer so confirms, Owner shall, upon receipt of Contractor's final Application for Payment (for Work fully completed and accepted) and recommendation of Engineer, and without terminating the Contract,

make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance to be held by Owner for Work not fully completed or corrected is less than the retainage stipulated in the Agreement, and if bonds have been furnished as required in Paragraph 5.01, the written consent of the surety to the payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by Contractor to Engineer with the Application for such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of Claims.

14.09 *Waiver of Claims*

- A. The making and acceptance of final payment will constitute:
 - 1. a waiver of all Claims by Owner against Contractor, except Claims arising from unsettled Liens, from defective Work appearing after final inspection pursuant to Paragraph 14.06, from failure to comply with the Contract Documents or the terms of any special guarantees specified therein, or from Contractor's continuing obligations under the Contract Documents; and
 - 2. a waiver of all Claims by Contractor against Owner other than those previously made in accordance with the requirements herein and expressly acknowledged by Owner in writing as still unsettled.

ARTICLE 15 – SUSPENSION OF WORK AND TERMINATION

15.01 *Owner May Suspend Work*

- A. At any time and without cause, Owner may suspend the Work or any portion thereof for a period of not more than 90 consecutive days by notice in writing to Contractor and Engineer which will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be granted an adjustment in the Contract Price or an extension of the Contract Times, or both, directly attributable to any such suspension if Contractor makes a Claim therefor as provided in Paragraph 10.05.

15.02 *Owner May Terminate for Cause*

- A. The occurrence of any one or more of the following events will justify termination for cause:
 - 1. Contractor's persistent failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment or failure to adhere to the Progress Schedule established under Paragraph 2.07 as adjusted from time to time pursuant to Paragraph 6.04);
 - 2. Contractor's disregard of Laws or Regulations of any public body having jurisdiction;
 - 3. Contractor's repeated disregard of the authority of Engineer; or
 - 4. Contractor's violation in any substantial way of any provisions of the Contract Documents.
- B. If one or more of the events identified in Paragraph 15.02.A occur, Owner may, after giving Contractor (and surety) seven days written notice of its intent to terminate the services of Contractor:
 - 1. exclude Contractor from the Site, and take possession of the Work and of all Contractor's tools, appliances, construction equipment, and machinery at the Site, and use the same to the full extent they could be used by Contractor (without liability to Contractor for trespass or conversion);
 - 2. incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere; and
 - 3. complete the Work as Owner may deem expedient.

- C. If Owner proceeds as provided in Paragraph 15.02.B, Contractor shall not be entitled to receive any further payment until the Work is completed. If the unpaid balance of the Contract Price exceeds all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Owner arising out of or relating to completing the Work, such excess will be paid to Contractor. If such claims, costs, losses, and damages exceed such unpaid balance, Contractor shall pay the difference to Owner. Such claims, costs, losses, and damages incurred by Owner will be reviewed by Engineer as to their reasonableness and, when so approved by Engineer, incorporated in a Change Order. When exercising any rights or remedies under this Paragraph, Owner shall not be required to obtain the lowest price for the Work performed.
- D. Notwithstanding Paragraphs 15.02.B and 15.02.C, Contractor's services will not be terminated if Contractor begins within seven days of receipt of notice of intent to terminate to correct its failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt of said notice.
- E. Where Contractor's services have been so terminated by Owner, the termination will not affect any rights or remedies of Owner against Contractor then existing or which may thereafter accrue. Any retention or payment of moneys due Contractor by Owner will not release Contractor from liability.
- F. If and to the extent that Contractor has provided a performance bond under the provisions of Paragraph 5.01.A, the termination procedures of that bond shall supersede the provisions of Paragraphs 15.02.B and 15.02.C.

15.03 *Owner May Terminate For Convenience*

- A. Upon seven days written notice to Contractor and Engineer, Owner may, without cause and without prejudice to any other right or remedy of Owner, terminate the Contract. In such case, Contractor shall be paid for (without duplication of any items):
 - 1. completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
 - 2. expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses;
 - 3. all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) incurred in settlement of terminated contracts with Subcontractors, Suppliers, and others; and
 - 4. reasonable expenses directly attributable to termination.
- B. Contractor shall not be paid on account of loss of anticipated profits or revenue or other economic loss arising out of or resulting from such termination.

15.04 *Contractor May Stop Work or Terminate*

- A. If, through no act or fault of Contractor, (i) the Work is suspended for more than 90 consecutive days by Owner or under an order of court or other public authority, or (ii) Engineer fails to act on any Application for Payment within 30 days after it is submitted, or (iii) Owner fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon seven days written notice to Owner and Engineer, and provided Owner or Engineer do not remedy such suspension or failure within that time, terminate the Contract and recover from Owner payment on the same terms as provided in Paragraph 15.03.

- B. In lieu of terminating the Contract and without prejudice to any other right or remedy, if Engineer has failed to act on an Application for Payment within 30 days after it is submitted, or Owner has failed for 30 days to pay Contractor any sum finally determined to be due, Contractor may, seven days after written notice to Owner and Engineer, stop the Work until payment is made of all such amounts due Contractor, including interest thereon. The provisions of this Paragraph 15.04 are not intended to preclude Contractor from making a Claim under Paragraph 10.05 for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to Contractor's stopping the Work as permitted by this Paragraph.

ARTICLE 16 – DISPUTE RESOLUTION

16.01 *Methods and Procedures*

- A. Either Owner or Contractor may request mediation of any Claim submitted to Engineer for a decision under Paragraph 10.05 before such decision becomes final and binding. The mediation will be governed by the Construction Industry Mediation Rules of the American Arbitration Association in effect as of the Effective Date of the Agreement. The request for mediation shall be submitted in writing to the American Arbitration Association and the other party to the Contract. Timely submission of the request shall stay the effect of Paragraph 10.05.E.
- B. Owner and Contractor shall participate in the mediation process in good faith. The process shall be concluded within 60 days of filing of the request. The date of termination of the mediation shall be determined by application of the mediation rules referenced above.
- C. If the Claim is not resolved by mediation, Engineer's action under Paragraph 10.05.C or a denial pursuant to Paragraphs 10.05.C.3 or 10.05.D shall become final and binding 30 days after termination of the mediation unless, within that time period, Owner or Contractor:
1. elects in writing to invoke any dispute resolution process provided for in the Supplementary Conditions; or
 2. agrees with the other party to submit the Claim to another dispute resolution process; or
 3. gives written notice to the other party of the intent to submit the Claim to a court of competent jurisdiction.

ARTICLE 17 – MISCELLANEOUS

17.01 *Giving Notice*

- A. Whenever any provision of the Contract Documents requires the giving of written notice, it will be deemed to have been validly given if:
1. delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended; or
 2. delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of the notice.

17.02 *Computation of Times*

- A. When any period of time is referred to in the Contract Documents by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

17.03 *Cumulative Remedies*

- A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract Documents. The provisions of this Paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

17.04 *Survival of Obligations*

- A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract Documents, as well as all continuing obligations indicated in the Contract Documents, will survive final payment, completion, and acceptance of the Work or termination or completion of the Contract or termination of the services of Contractor.

17.05 *Controlling Law*

- A. This Contract is to be governed by the law of the state in which the Project is located.

17.06 *Headings*

- A. Article and paragraph headings are inserted for convenience only and do not constitute parts of these General Conditions.

SUPPLEMENTARY CONDITIONS

SC-4.02 Subsurface and Physical Conditions

SC-4.02 Add the following new paragraphs immediately after Paragraph 4.02.B:

- C. The following reports of explorations and tests of subsurface conditions at or contiguous to the Site are known to Owner:
 - 1. None
- D. The following drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) are known to Owner:
 - 1. City of Hattiesburg Water System drawings (Project 1245).
 - 2. City of Hattiesburg Sewer System drawings (Project F01-278)
 - a. None of the contents of such drawings is "technical data" on which Contractor may rely.
- E. The reports and drawings identified above are not part of the Contract Documents, but the "technical data" contained therein upon which Contractor may rely, as expressly identified and established above, are incorporated in the Contract Documents by reference. Contractor is not entitled to rely upon any other information and data known to or identified by Owner or Engineer.
- F. Copies of reports and drawings identified in SC-4.02.C and SC-4.02.D that are not included with the Bidding Documents may be examined at the City of Hattiesburg Engineering Department during regular business hours.

SC-4.06 Hazardous Environmental Conditions

SC-4.06 Delete Paragraphs 4.06.A and 4.06.B in their entirety and insert the following:

- A. No reports or drawings related to Hazardous Environmental Conditions at the Site are known to Owner.
- B. Not Used.

SC-5.04 Contractor's Liability Insurance

SC-5.04 Add the following new paragraph immediately after Paragraph 5.04.B:

- C. The limits of liability for the insurance required by Paragraph 5.04 of the General Conditions shall provide coverage for not less than the following amounts or greater where required by Laws and Regulations:
 - 1. Workers' Compensation, and related coverages under Paragraphs 5.04.A.1 and A.2 of the General Conditions:
 - a. State: Statutory
 - b. Applicable Federal (e.g., Longshoreman's): Statutory
 - c. Employer's Liability: \$100,000

2. Contractor's General Liability under Paragraphs 5.04.A.3 through A.6 of the General Conditions which shall include completed operations and product liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Contractor:
 - a. General Aggregate \$1,000,000
 - b. Personal and Advertising Injury \$500,000
 - c. Each Occurrence (Bodily Injury and Property Damage) \$500,000
 - d. Property Damage liability insurance will provide Explosion, Collapse, and Under-ground coverages where applicable.
3. Automobile Liability under Paragraph 5.04.A.6 of the General Conditions:
 - a. Bodily Injury:

Each person	<u>\$500,000</u>
Each Accident	<u>\$1,000,000</u>
 - b. Property Damage:

Each Accident	<u>\$500,000</u>
---------------	------------------
4. The Contractual Liability coverage required by Paragraph 5.04.B.4 of the General Conditions shall provide coverage for not less than the following amounts:
 - a. Bodily Injury:

Each person	<u>\$500,000</u>
Each Accident	<u>\$1,000,000</u>
 - b. Property Damage:

Each Accident	<u>\$500,000</u>
Annual Aggregate	<u>\$1,000,000</u>

SC-6.06 Concerning Subcontractors, Suppliers, and Others

SC-6.06 Add a new paragraph immediately after Paragraph 6.06.G:

- H. Owner may furnish to any Subcontractor or Supplier, to the extent practicable, information about amounts paid to Contractor on account of Work performed for Contractor by a particular Subcontractor or Supplier.

SC-9.03 Project Representative

SC-9.03 Add the following new paragraphs immediately after Paragraph 9.03.A:

- B. The Resident Project Representative (RPR) will be Engineer's employee or agent at the Site, will act as directed by and under the supervision of Engineer, and will confer with Engineer regarding RPR's actions. RPR's dealings in matters pertaining to the Work in general shall be with Engineer and Contractor. RPR's dealings with Subcontractors shall be through or with the full knowledge and approval of Contractor. The RPR shall:
 1. *Schedules:* Review the progress schedule, schedule of Shop Drawing and Sample submittals, and schedule of values prepared by Contractor and consult with Engineer concerning acceptability.

2. *Conferences and Meetings:* Attend meetings with Contractor, such as preconstruction conferences, progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof.
3. *Liaison:*
 - a. Serve as Engineer's liaison with Contractor, working principally through Contractor's authorized representative, assist in providing information regarding the intent of the Contract Documents.
 - b. Assist Engineer in serving as Owner's liaison with Contractor when Contractor's operations affect Owner's on-Site operations.
 - c. Assist in obtaining from Owner additional details or information, when required for proper execution of the Work.
4. *Interpretation of Contract Documents:* Report to Engineer when clarifications and interpretations of the Contract Documents are needed and transmit to Contractor clarifications and interpretations as issued by Engineer.
5. *Shop Drawings and Samples:*
 - a. Record date of receipt of Samples and approved Shop Drawings.
 - b. Receive Samples which are furnished at the Site by Contractor, and notify Engineer of availability of Samples for examination.
6. *Modifications:* Consider and evaluate Contractor's suggestions for modifications in Drawings or Specifications and report such suggestions, together with RPR's recommendations, to Engineer. Transmit to Contractor in writing decisions as issued by Engineer.
7. *Review of Work and Rejection of Defective Work:*
 - a. Conduct on-Site observations of Contractor's work in progress to assist Engineer in determining if the Work is in general proceeding in accordance with the Contract Documents.
 - b. Report to Engineer whenever RPR believes that any part of Contractor's work in progress will not produce a completed Project that conforms generally to the Contract Documents or will imperil the integrity of the design concept of the completed Project as a functioning whole as indicated in the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise Engineer of that part of work in progress that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval.
8. *Inspections, Tests, and System Startups:*
 - a. Verify that tests, equipment, and systems start-ups and operating and maintenance training are conducted in the presence of appropriate Owner's personnel, and that Contractor maintains adequate records thereof.
 - b. Observe, record, and report to Engineer appropriate details relative to the test procedures and systems start-ups.
9. *Records:*
 - a. Record names, addresses, fax numbers, e-mail addresses, web site locations, and telephone numbers of all Contractors, Subcontractors, and major Suppliers of materials and equipment.
 - b. Maintain records for use in preparing Project documentation.

10. Reports:

- a. Furnish to Engineer periodic reports as required of progress of the Work and of Contractor's compliance with the progress schedule and schedule of Shop Drawing and Sample submittals.
 - b. Draft and recommend to Engineer proposed Change Orders, Work Change Directives, and Field Orders. Obtain backup material from Contractor.
 - c. Immediately notify Engineer of the occurrence of any Site accidents, emergencies, acts of God endangering the Work, damage to property by fire or other causes, or the discovery of any Hazardous Environmental Condition.
11. *Payment Requests:* Review Applications for Payment with Contractor for compliance with the established procedure for their submission and forward with recommendations to Engineer, noting particularly the relationship of the payment requested to the schedule of values, Work completed, and materials and equipment delivered at the Site but not incorporated in the Work.
12. *Certificates, Operation and Maintenance Manuals:* During the course of the Work, verify that materials and equipment certificates, operation and maintenance manuals and other data required by the Specifications to be assembled and furnished by Contractor are applicable to the items actually installed and in accordance with the Contract Documents, and have these documents delivered to Engineer for review and forwarding to Owner prior to payment for that part of the Work.

13. Completion:

- a. Participate in a Substantial Completion inspection, assist in the determination of Substantial Completion and the preparation of lists of items to be completed or corrected.
- b. Participate in a final inspection in the company of Engineer, Owner, and Contractor and prepare a final list of items to be completed and deficiencies to be remedied.
- c. Observe whether all items on the final list have been completed or corrected and make recommendations to Engineer concerning acceptance and issuance of the Notice of Acceptability of the Work.

C. The RPR shall not:

1. Authorize any deviation from the Contract Documents or substitution of materials or equipment (including "or-equal" items).
2. Exceed limitations of Engineer's authority as set forth in the Contract Documents.
3. Undertake any of the responsibilities of Contractor, Subcontractors, Suppliers, or Contractor's superintendent.
4. Advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences or procedures of Contractor's work unless such advice or directions are specifically required by the Contract Documents.
5. Advise on, issue directions regarding, or assume control over safety practices, precautions, and programs in connection with the activities or operations of Owner or Contractor.
6. Participate in specialized field or laboratory tests or inspections conducted off-site by others except as specifically authorized by Engineer.
7. Accept Shop Drawing or Sample submittals from anyone other than Contractor.
8. Authorize Owner to occupy the Project in whole or in part.

MEASUREMENT AND PAYMENT

Measurement and Payment for all bid items shall be in accordance with the Mississippi Standard Specifications for Road and Bridge Construction, 2017 edition.

SPECIAL INSTRUCTIONS

LIMITATIONS

During construction, care is to be taken to prevent damage to the work in place. As soon as work is completed, all work is to be thoroughly cleaned. Before completion, all damaged work is to be repaired and left in perfect condition. The CONTRACTOR will be responsible for all cleanup of the premises. All trash, etc. will be hauled away from the site, and the site left in a clean and neat condition. Alcoholic beverages of any type will not be permitted on job site.

PRODUCT/MATERIALS SUBSTITUTION

CONTRACTOR will submit prior to starting work on project any changes to materials specified. CONTRACTOR will submit all specification data, company name, and supplier of material that he wishes to substitute. All material will be evaluated. CONTRACTOR will be given approval/disapproval by OWNER. No substitutes will be taken into consideration after work has begun, no substitutes will be allowed if CONTRACTOR does not submit specification data within time allowed.

INSPECTION

All work covered by these specifications shall be subject to inspection by OWNER or his authorized representative. CONTRACTOR will coordinate with OWNER for inspections as required during construction, and furnish to the OWNER in writing a project schedule prior to mobilization of work at the job site.

SPECIFICATIONS AND DRAWINGS ARE RECIPROCAL

The specifications and drawings are intended mutually to explain each other and anything which is referred to in the specifications and not shown on the drawings shall be considered as being shown and mentioned and referred to in both of these documents. Such work shall be done and performed accordingly. Any drawing attached to this specification form is an integral part thereof and where such drawings, if any, differ from these specifications, the specifications shall govern.

AS-BUILT DRAWINGS

Occasionally, during the course of construction, modifications and changes may occur due to site conditions, unforeseen circumstances and problems encountered. This may result in a modification of construction as originally depicted on drawings. Contractor will furnish the OWNER a marked-up set of prints in red line of all changes and/or modifications that pertain to this contract. Drawings will be labeled. "AS-BUILT DRAWINGS".

GUARANTEES, WARRANTIES AND BONDS

1. All work will be guaranteed by the CONTRACTOR for a period of one (1) year from the date of substantial completion.

2. Wording for the notarized guarantee shall be as follows:

"We hereby guarantee all work performed by us on the above captioned project to be free from defective materials and workmanship for a period of one (1) year, or such longer period of time as may be called for in the Contract Documents for such portions of the work."

3. Guarantee Compliance:

Except as otherwise specified, all work shall be guaranteed by the CONTRACTOR and through him each sub-contractor against defects resulting from the use of inferior materials, equipment or workmanship for one (1) year from the date of substantial completion of the Contract. In case of work performed by his sub-contractors, the CONTRACTOR shall secure warranties from said sub-contractors and deliver copies of the same to the OWNER upon completion of the work. If, within any guarantee period, repairs or changes are required in connection with guaranteed work which, in the OWNER'S opinion, are rendered necessary as the result of use of materials, equipment or workmanship which are inferior, defective or not in accordance with terms of the Contract: CONTRACTOR shall promptly upon receipt of OWNER'S written notice, and without expense of the OWNER;

- a. Place in satisfactory condition in every particular all such guaranteed work, correct all defects therein.
- b. Make good all damage to the building, site, equipment or building contents which in the OWNER'S opinion is the result of the use of materials, equipment or workmanship which are inferior, defective, or not in accordance with terms of the Contract.
- c. Make good any work or material or the equipment and contents of building or site disturbed in fulfilling such guarantee.

In any case where fulfilling the requirements of the Contract, or any guarantee embraced in or required thereby, the CONTRACTOR disturbs any work guaranteed under another's Contract, he shall restore such disturbed work to condition satisfactory to the OWNER and guarantee such restored work to the same extent as it was guaranteed under such other contract. If the CONTRACTOR, after notice, fails to proceed promptly to comply with terms of the guarantee, the OWNER may have the defects corrected and the CONTRACTOR and his surety shall be liable for all expense incurred. All special guarantees applicable to definite parts of the work that may be stipulated in the specification or other Contract Documents shall be subject to the terms of this Specification Section during the first year of the life of such special guarantees. All guarantees and warranties shall be obtained in the OWNER'S name and evidence thereof shall be promptly delivered to the OWNER'S Representative for transfer to the OWNER.

CLOSE-OUT DOCUMENTS

In general documents for close out, to be submitted by the CONTRACTOR to the OWNER, prior to final payment, shall be; but not limited to the following:

1. APPLICATION FOR PAYMENT: AIA Document G-702
2. CERTIFICATE OF SUBSTANTIAL COMPLETION: AIA Document G-704
3. CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS:
AIA Documents G-706 and G-706A: The Contractor shall furnish these AIA Documents complete with attached notarized full release of liens, damages, and a guarantee that all materials and labor are paid in accordance with Contract Documents with the following wording:

"WE HEREBY CERTIFY THAT ALL BILLS FOR LABOR AND MATERIALS INCORPORATED INTO THE ABOVE CAPTIONED PROJECT UNDER OUR CONTRACT HAVE BEEN PAID AND THAT THE OWNER IS RELEASED FROM ANY AND ALL CLAIMS AND/OR DAMAGES UNDER THIS CONTRACT."
4. CONSENT OF SURETY COMPANY TO FINAL PAYMENT: AIA Document G-707
To be completed in full by the Bonding Company.
5. CONTRACTOR'S NOTARIZED STATEMENT:
Notarized statement that project has been constructed in accordance with Contract Documents.
6. CONTRACTOR'S NOTARIZED STATEMENT OF GUARANTEE/S:
All work will be guaranteed by the Contractor for a period of one (1) year from the date of substantial completion. Wording will be as follows:

"WE HEREBY GUARANTEE ALL WORK PERFORMED BY US ON ABOVE CAPTIONED PROJECT TO BE FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR, OR SUCH LONGER PERIOD OF TIME AS MAY BE CALLED FOR IN THE CONTRACT DOCUMENTS FOR SUCH PORTIONS OF THE WORK."

In the case of work performed by his sub-contractors, the Contractor shall secure warranties from said sub-contractors and deliver copies of same to the Owner upon completion of work.
7. OPERATING AND MAINTENANCE MANUALS:
All manufacturer's operating instructions and maintenance manuals will be compiled in a tabbed and labeled 3-ring binder. (Furnish Owner with two (2) sets).
8. FORM W-9, PAYER'S REQUEST FOR TAXPAYER IDENTIFICATION NUMBER AND CERTIFICATION (IRS):
Form W-9 is to be completed by non-corporation contractors. Non-applicable if Contractor's firm is Incorporated.
9. FINAL CLEANING:
At close out time clean and re-clean entire work to normal level for "FIRST CLASS" maintenance/cleaning.

TECHNICAL SPECIFICATIONS

1. Applicable Specifications

The Technical Specifications entitled Mississippi Standard Specifications for Road and Bridge Construction, 2017 Edition shall be the specifications applicable to this project except as for herein specified. Any testing required by those specifications for material submittal approval shall be the responsibility of the Contractor. The testing laboratory used by the Contractor shall be a laboratory certified by the Mississippi Department of Transportation and shall be approved by the Engineer. Any reference to Unit Item for pay shall be modified and paid based on the Measurement and Payment section of the specifications.

2. References Amended to mean Engineer

Any reference in the above mentioned specifications to Commission, Director, Chief Engineer, Testing Engineer, or Project Engineer shall be amended in these specifications to mean the Engineer, or his duly authorized representative, of the City of Hattiesburg.

ADVERTISEMENT FOR BIDS

NOTICE is hereby given that the City Clerk of the **City Of Hattiesburg, MISSISSIPPI**, will receive sealed bids until **10:00 A.M. on May 31, 2018** in the City Clerk's Office in the City Hall of said City and then at said location opened and read aloud for furnishing the City's requirements for the following:

**BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: May 31, 2018
BARKLEY ROAD BRIDGE REPAIR
BRIDGE NO. SA18-165
CITY OF HATTIESBURG**

Official bid documents can be downloaded from Central Bidding at www.centralbidding.com. Electronic bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814. All bids must be accompanied by bid security equal to 5% of the amount of the bid, in the form of a certified check, cashier's check or a bid bond written by a company properly licensed in Mississippi.

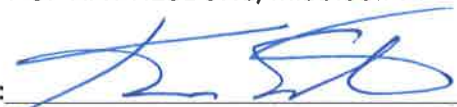
Each BID must be received sealed and marked EXACTLY as follows:

**BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: May 31, 2018
BARKLEY ROAD BRIDGE REPAIR
BRIDGE NO. SA18-165
CITY OF HATTIESBURG**

No bid may be withdrawn for a period of sixty (60) days. The lowest and best proposal received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated and Amended, and other applicable State law; but the Council reserves the right to reject any or all proposals received and to waive informalities.

PUBLISHED by Order of the Council on the 17th day of April, 2018

CITY OF HATTIESBURG, MISSISSIPPI

BY: 

Kermas Eaton, City Clerk

Publish on April 26, 2018 and May 3, 2018

City of Hattiesburg
Return PROOF to SDW, Inc.
301 Second Avenue
Hattiesburg, MS 39401





City of Hattiesburg, MS

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

Master

File Number: 2018-367

File ID: 2018-367

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Andrew Ellard

File Created: 04/05/2018

Brief Title: Approve specifications for minimum of four (4) and maximum of fourteen (14) fully equipped body on chassis transit vehicles for the City of Hattiesburg's Hub City Transit and the City of Gulfport's Coast Transit Authority: Authorize publication of notice

Final Action:

Minute Book Number: MB2018-108

Title:

Approve specifications for a minimum of four (4) and maximum of fourteen (14) fully equipped body on chassis transit vehicles for the City of Hattiesburg's Hub City Transit and the City of Gulfport's Coast Transit Authority and authorize publication of notice to bidders for same.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: VI.-9

Sponsors:

Enactment Date:

Attachments: Memo - Explanation of Bus Bid Specs - 4-2018, NTB- Mass Transit, revised bus spec with coastal transit attached, executed NTB- Mass Transit_4-14 fully equipped body on chassis transit vehicles

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Sharon Bolton

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018					

Text of Legislative File 2018-367

Title

Approve specifications for a minimum of four (4) and maximum of fourteen (14) fully equipped body on chassis transit vehicles for the City of Hattiesburg's Hub City Transit and the City of Gulfport's Coast Transit Authority and authorize publication of notice to bidders for same.

Summary

Approve specifications and authorize of publication of same

Budget Information

Expenditure Type

Purchasing Item

Publication Information

INTEROFFICE MEMORANDUM

TO: MAYOR AND CITY COUNCIL
FROM: ANDREW ELLARD
SUBJECT: HUB CITY TRANSIT BUS SPECIFICATIONS
DATE: 4/11/2018

Mayor and City Council members,
Agenda item 2018-370 requests authorization to publish notice to bidders for the intended purchase of new transit buses. Hub City Transit has worked closely with Gulfport's Coast Transit Authority to develop these specifications to be utilized by both entities.

Our intention is to purchase no more than four (4) new buses for Hub City Transit, while Gulfport's Coast Transit Authority intends to purchase several more. Bidding in this way, we hope to achieve some economies of scale that we may not achieve bidding on our own.

Please feel free to contact me or Vincent Nelms with any questions you may have.

ae

NOTICE TO BIDDERS

NOTICE is hereby given that the Mayor and Council of the City of Hattiesburg, Mississippi will receive sealed bids until 10:00 A.M., Thursday, May 10, 2018, in the City Clerk's Office in the City Hall of said City for furnishing the City's requirements for the following supplies, to-wit:

MINIMUM OF FOUR (4) AND MAXIMUM OF FOURTEEN (14) FULLY EQUIPPED BODY ON CHASSIS TRANSIT VEHICLES FOR URBAN DEVELOPMENT/MASS TRANSIT.

The above shall be bid upon and delivered as per detailed specifications on file in the Office of the City Clerk, 200 Forrest Street, Hattiesburg, Mississippi, 39403, (601) 545-4552, which may be obtained upon request.

SEALED BIDS:

Sealed bids must be received in a sealed envelope which is marked in the lower left-hand corner with the word BID and the NAME OF ITEM on which bid is being made and the DATE OF BID OPENING.

ELECTRONIC BIDS / REVERSE AUCTIONS:

Official bid documents can be downloaded from Central Bidding at www.centralbidding.com. Electronic bids and /or reverse auction bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814.

The lowest and best bid received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated as Amended, and other applicable State law; but the Council reserves the right to reject any or all bids received and to waive formalities.

PUBLISHED by Order of the Council on this, the 17th day of April, 2018

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

(S E A L)

Published April 19th and 26th, 2018

Bus, Class B Transit, Accessible, 20 Passenger, ADA Fixed Route

Bus, accessible, 20 passenger, meeting all Federal requirements for ADA Fixed Route, new and of current model, equipped as advertised by the manufacturer, to meet or exceed the following **MINIMUM** specifications with pricing effective for six (6) Month. State base unit prices at the beginning of the packet. This specification is also valid for Coast Transit Authority.

Bus Proposed:

Manufacturer: _____ Model: _____

Class: _____ Total GVWR: _____

Ambulatory seating capacity **with no** wheelchair (*exclusive of driver*): _____

Ambulatory seating capacity **with two** wheelchairs (*exclusive of driver*): _____

Scope:

The purpose of these specifications is to set forth **minimum** requirements for a commercially produced accessible Class A type bus, meeting FTA (Federal Transit Administration) standards, capable of seating a minimum of 20 ambulatory forward-facing passengers (16) fixed seats and 2 double foldaway seats), with a minimum GVWR (Gross Vehicle Weight Rating) of 19,500 pounds. Vehicle shall be equipped to accommodate two wheelchair positions. Vehicle shall be fully tested at the Pennsylvania State bus testing facility in Altoona, Pennsylvania according to the applicable FTA minimum service life requirement.

Federal, State, and Automobile Manufacturers' Association (AMA) laws, regulations, standards, and specifications concerning the production of utility vehicles or components thereof as related to environment protection and safety in operations as are in effect on date of invitation to bid shall be construed to form a part of these specifications.

Vehicle components, assemblies, and accessories shall be standard production items, unless otherwise specified herein. The vehicles and all allied equipment shall be designed to permit ready accessibility for maintenance purposes with minimal disturbance of other components or assemblies. The term "heavy-duty" is used to quantify quality or capacity that is normally supplied with the standard production item. All vehicles supplied under this specification shall be in full compliance with applicable Federal Motor Vehicle Safety Standards as established by the U.S. Department of Transportation.

**Non-Restrictive
Clause:**

Any use of the brand name or equal within this specification is to be considered a reference for the purpose of describing the standard of quality, performance, and characteristics desired. It is not intended to limit or restrict competition.

SPECIFICATIONS

Chassis

Wheelbase: 176" minimum

Wheelbase: _____

Comply Yes/No: _____

Engine: 8 cylinder OEM diesel engine. The engine shall meet the current Federal regulations and EPA emissions. It shall be the manufacturer's low compression type as recommended for operation on diesel fuel.

Engine description and horsepower: _____

Comply Yes/No: _____

Transmission: OEM Transmission built to correspond with diesel engine

Transmission: _____

Comply Yes/No: _____

Axles and
Suspensions:

Both the front and rear axles shall be load rated for design distribution so that they are capable of carrying the loads upon them during all conditions of transit operation. The vehicle shall be designed to carry a maximum transit load (GVWR) which shall include the curb weight of the bus, a full load of passengers, and the driver (calculation of passengers' weight averaged at 150 pounds each). Bidder shall indicate a maximum number of passengers, both seated and standing, that the vehicle can carry.

Bidder shall furnish with bid packet full signed certification along with supporting documentation on ability to meet the said specifications and shall indicate certified curb weight and GVWR load rating based on axles, suspension system, shock absorbers, and tires.

No tag axles will be accepted.

Front axle shall be of standard heavy duty design. The rear wheel bearings shall be oil lubricated.

Drive shaft shall be capable of transmitting maximum torque generated by the engine and transmission to the rear axle. A guard for the shaft is required.

Two (2) heavy-duty shock absorbers shall be provided on the front axle, one on each end of the front axle. The rear suspension system shall be Mor/Ryde or approved equal

The suspension system shall be designed to maximize control and roll, and prevent excessive body lean-in turns. Front stabilizer bar shall be furnished (if available from chassis manufacturer). Springs shall have the following capacities:

- a. Front axle rating – 7,000 lbs. (minimum)
- b. Rear axle rating – 14,500 lbs. (minimum)
- c. GVWR weight – 19,500 lbs. (minimum)

Axle rating/capacity:

Front: _____ Rear: _____

Axle type:

Front: _____ Rear: _____

Gear ratio: _____

Comply Yes/No: _____

Cooling System:

The radiator shall be heavy-duty and have sufficient capacity to properly cool the engine in heavy, rural-type transit service without the addition of coolant throughout a normal day's operation. Engine fan may be driven by gears from the engine camshaft.

The cooling system shall be of a pressurized type. Manufacturer's standard OEM hosing or approved equal shall be used throughout the cooling system. All-weather type coolant shall be utilized to protect to a minimum of -20°F.

Radiator or filler neck shall be equipped with a safety pressure release cap and shall be positioned to readily permit checking and adding coolant from outside the vehicle.

Comply Yes/No: _____

Exhaust System: The exhaust system must be leak proof and designed and constructed to minimize fire hazard. All parts must be made of corrosion resistant materials. Flexible tubing **may not** be used between engine and muffler.

Exhaust tail pipe shall be installed as high as possible from the ground. Exhaust gases or waste heat shall be discharged to the rear of the bus. The exhaust tail pipe shall be adequately supported, extend to the back of the bus, and have a turndown at the end so that exhaust gases do not discolor any part of the vehicle body.

The system shall be securely fastened and routed to protect components from hazards. There shall be a galvanized steel heat shield between exhaust system and floor. System shall conform to the requirements of Federal Motor Carrier Safety Regulations.

Comply Yes/No: _____

Fuel System: The fuel tank(s) shall have a maximum OEM capacity with dual tanks. The tank(s) shall be made of heavy gauge steel, treated to prevent rusting throughout the life of the vehicle. The filler pipe or neck shall be free of any obstructions and meet industry standards.

The fuel system shall be internally baffled to prevent surging, and shall be rigidly supported and arranged for easy removal. The fuel system must meet Federal standards.

Capacity per tank: _____

Number of tanks: _____

Comply Yes/No: _____

Electrical System: The electrical system shall be a 12-volt system with a 12-volt starting motor and have alternators with maximum OEM amp ratings. Minimum of two (2) full-size commercial transit type heavy-duty 12-volt batteries, of equal size and capacity, having a combined total minimum 1,500 CCA. One or both batteries shall be mounted in a pull-out drawer located behind the passenger door. All material used in the electrical system shall be of the highest available quality. The battery system shall be adequate for all electrical loads and demands. Alternator must have sufficient capacity to charge above the demand rate with full load, air conditioning, wheelchair lift, and other equipment operating when engine is at idle.

All cable in the vehicle shall be of sufficient size to carry the required currents without excessive voltage drop. All wiring shall be SAE J1128 type GXL wiring covered with split loom, convoluted tubing to protect wiring from chaffing and other mechanical damage. Wiring shall be color and function coded. All wire connectors shall be OEM type (or equivalent) locking plastic moldings with brass or copper terminals. All circuits, including main power feed, shall be protected by manual reset circuit breakers.

A schematic shall be affixed inside the master panel, identifying which breaker controls which component or fixture (for bus body).

Wiring in body of bus shall be in a plastic loom from power source to the component or fixture, and shall be adequately protected against interference by passengers and the environment. Paper and cotton braid wrap **is not acceptable**. Cable in engine compartment shall be insulated to protect it from engine heat. Cables and wiring shall be held in place with rubber-covered clamps.

All cable and wiring diagrams are to be marked showing the codes used.

Two (2) heavy-duty, 12-volt electric horns shall be provided and installed in a location protected from wheel wash.

Electrical devices, switches, and gauges shall be located such that they will not create a fire hazard during normal operation or in the event of failures. All electrical motors, with the exception of the starter, shall be readily accessible for service including directional lights, defroster, and door buzzer.

A battery disconnect switch shall be located in either the driver's area or the battery compartment.

Alternators:

- a. Manufacturer: _____
- b. Amperage ratings: _____

Battery size and capacity – each: _____ combined: _____

Comply Yes/No: _____

Instrument Panel and
Control Switches:

A separate instrument panel shall be conveniently located in front of the driver. It shall include, at a minimum, the following instruments:

- a. Reliable road speed indicator with odometer
- b. Oil pressure gauge
- c. Ammeter or voltmeter gauge
- d. Fuel gauge
- e. Headlights high beam indicator light
- f. Engine temperature (hot engine) gauge
- g. DEF fuel gauge

Warning lights and buzzers shall be provided to indicate low oil pressure and engine overheating. An automatic mechanical control device is to be installed to shut down the engine before overheating or low oil pressure causes damage.

A control switch panel shall be located in the driver's compartment and shall be designed for simplification of electrical controls and shall be inclined for easy access to control switches. Separate switches shall control the front heater, rear heater(s), and defrosting motor.

Normal control of electrical units, except turn signals, hazard flasher, and horn, shall be through positioning of the main control switch, if applicable.

Comply Yes/No: _____

Steering:

Steering mechanism shall be equipped with an integral power steering constructed to allow the operator to easily steer the bus and to minimize road shock and vibration. Steering wheel/column shall be tilting for operator comfort and safety.

Comply Yes/No: _____

Brakes:

Brakes shall comply with the latest motor vehicle standards in effect. Wearable brake parts (drum shoes, linings, pads, etc.) shall be heavy-duty and shall be designed to be compatible with axles, tires, other suspension components, and GVWR requirements.

The parking brake may be either combined with the emergency spring braking system or mechanically operated by the driver. The system shall be adequate to hold a fully loaded bus on a 20% grade.

Bidder shall furnish with bid proposal full information and specifications of braking system.

Comply Yes/No: _____

Wheels and Tires: Wheels and tires shall be sized according to OEM chassis specifications. Tires shall be all season, tubeless, steel-belted radial ply. There shall be single wheels on the front and dual wheels on the rear. All wheels and tires shall be interchangeable, of equal size and rating. The combined load rating of wheels and tires shall meet or exceed the minimum GVWR of the vehicle. One spare tire and rim shall be provided, mounted (if possible) to the vehicle, and shall be identical in size and manufacture to other tires. A valve stem extender on the inner wheels shall be provided so the tire pressure can be easily checked and adjusted. Mud flaps shall be provided behind both sets of rear wheels.

Tire size (including load index and speed rating): _____

Comply Yes/No: _____

Lubrication: Full and complete lubrication as furnished in regular commercial production units shall be provided. High-pressure hydraulic fittings shall be provided where needed. Fittings shall be located to permit ease of access.

All exposed lubrication fittings shall be masked or otherwise protected at the time of painting and undercoating.

Comply Yes/No: _____

Body, Interior, and Accessories

General Dimensions: Overall width – 96" maximum
Overall height – 127" maximum
Ground to first step – 13" maximum
Step depth – 8.5" minimum
Individual riser height – 9.5" maximum

Length: _____ Width: _____ Height: _____

Ground to first step: _____ Step depth: _____

Individual riser height: _____

Comply Yes/No: _____

Interior Dimensions: Passenger Compartment of Body:
Height – 74" minimum
Center aisle width – 13" minimum
Hip-to-knee space – 27" minimum

Width: _____ Height: _____

Center aisle width: _____ Hip-to-knee space: _____

Comply Yes/No: _____

Wheel Housing
and Stepwell:

Wheel housing shall be steel or aluminum construction providing ample clearance of front wheel while steering. Wheel housing and fenders must be constructed so as to permit removal of wheel hub assemblies as a unit. Wheel housing shall be protected against corrosion with undercoating.

Stepwells are to be of heavy-duty steel or aluminum construction with adequate reinforcement to prevent deflection. They shall be adequately fastened to and supported by the body. Steps and risers shall be in accordance with general dimensions as noted and shall conform to Federal regulations governing elderly and handicapped vehicles.

Stepwells shall be lighted and shall have a first entry step no higher than 13" above the ground. Individual risers shall not exceed 9.5". The steps shall have a minimum depth of 8.5" and shall be continuous for the full width of the door opening.

Comply Yes/No: _____

Running Board: A standard-sized running board shall be applied in addition to the instep at the driver's door.

Comply Yes/No: _____

Bumper and
Tow Hooks:

Standard front and rear bumpers shall be provided.

A minimum of two (2) rear tow hooks shall be provided and securely attached to the vehicle's understructure. Tow hooks shall be located so that no damage occurs to the vehicle when in tow.

Comply Yes/No: _____

Hood: Shall have lock release from inside the vehicle, easily accessible to the driver. If tilt-type design, hood must have some form of external locking device.

Comply Yes/No: _____

Body Structure: Welded steel cage construction is required. Fiberglass reinforced plastic (FRP) may be used in combination with steel cage construction.

The steel cage construction shall be hot rolled low-carbon steel, tubular with steel roof rails welded to the body sidewall assemblies with a one-piece FRP or steel roof.

Sidewalls shall be constructed of FRP or galvanized steel panels, welded or bonded to the steel frame. **Note: Aluminum sheeting on the steel frame is not acceptable.**

Must meet current FMVSS 220 regulations.

Buses built with honeycomb composite construction will not be considered for this bid.

A detailed structural drawing of the cage construction shall be submitted with the bid. The drawing will include the size, gauge, and spacing of all structural components.

The body and under structure shall be built as a unit, adequately reinforced at all joints and corners where stress concentration may occur. Design shall be adequate to ensure safe and successful operation of the bus in a heavy traffic, stop-and-go, fully loaded operation.

The side and end framing shall be so designed and constructed that they will carry their proportion of the stresses. All posts in the body side and roof sections shall be durable channel or box construction securely fastened to the under-frame structure so that the entire frame shall be as one unit without any movement at the joints. The end post shall be designed to resist shear. Outside body construction shall consist of sectionalized lower body (skirt) panels with a rub rail at approximately the floor line. The panels shall be constructed of material designed to resist damages

from scrapes and impact, and shall be fastened to the frame in such a manner as to facilitate rapid and economic replacement.

Roof construction shall be of sufficient strength and stiffness to prevent vibration, drumming, or flexing in service, and shall be equivalent to the strength of the bus side wall. The roof shall be constructed of welded galvanized steel or one piece FRP design.

All exterior joints and seams shall be protected by an application of caulking compound of zinc-chromate type or similar material. The body and roof shall be thoroughly water-tested and made tight to prevent leakage. Outside body panels that are welded construction do not require caulking.

Before assembly, all metal body parts shall receive a thorough multiple state anti-corrosion treatment.

Interior surfaces of body pans and posts, if welded after prime painting and covered by trim materials, shall receive an additional coat of primer as added protection against corrosion. All nuts, bolts, clips, washers, clamps, and like fasteners shall be zinc or cadmium plated or phosphate coated to prevent corrosion.

The entire body frame understructure of the vehicle is to be fully undercoated, except where prohibited by chassis manufacture guidelines, in compliance with EPA regulations, with nonflammable resin type polyoleim material or equivalent, applied at time of manufacture.
Automotive quality undercoating is not satisfactory.

Adequate insulation shall be provided throughout the roof and sidewall area together with engine heat riser efficient management of heat and noise reduction. Insulation must be fire resistant.

Access door shall be provided in front, inside, or side of bus to service transmission, engine, radiator, batteries, and electrical compartment.

Comply Yes/No: _____

Floor and Floor/
Step Covering:

Subfloor shall be composite of minimum 5/8" **marine** plywood, six ply, APA certified exterior grade AB, suitably treated with rot proofing and flame-retardant materials. Flooring shall be securely attached to frame members. All edges shall be properly sealed to prevent entrance of moisture.

The entire wooden floor shall be properly prepared for application of rubber floor covering material having anti-skid properties. The entire area shall be covered with rubber cement before application of floor covering. Flooring material shall be transit-grade quality anti-skid covering. The color is to be coordinated with the interior color scheme.

Step treads shall be of matching, 3/16" thick ribbed treads of molded rubber. Integrally molded white nosings are to be furnished on all edges, including floor level. A white line shall be provided across the center aisle at the rear of the driver's seat.

A metal fuel tank access panel shall be provided in the floor over the fuel tank connections.

Composite thickness: _____

Flooring description,
including manufacturer(s): _____

Floor covering: _____

Comply Yes/No: _____

Interior Paneling,

Dash and Instrument
Panel and Ceiling:

All interior walls and doors shall be paneled and covered with an easily maintained material. All panels shall be the same color and coordinated with the interior colors of the vehicle.

The dash and instrument panel shall be finished to coordinate with the interior color scheme of the vehicle.

Ceiling shall be covered with transit grade material that coordinates with the interior color scheme of the vehicle.

Comply Yes/No: _____

Stanchions and
Grab Rails:

All stanchions and grab rails shall be 1.25" diameter, stainless steel tubing. Fittings shall be constructed of stainless steel, cast aluminum, or approved equal corrosion resistant material. Fittings should be constructed in such a manner as to prevent rattling.

All stanchions and grab rails shall be attached to structural posts or cross members of the roof to ensure maximum strength and stability.

A continuous, full-length overhead grab rail shall be provided on both sides of the vehicle. The grab rail shall be located so that seated passengers are free from crowding by standees. The grab rail shall be securely attached to the ceiling. Grab rail end shall terminate at the ceiling connectors of elbows, and exposed ends are to be avoided.

A vertical stanchion shall be mounted from the floor and/or seat level to the ceiling grab rail at the right rear of the driver's seat with a horizontal guard also being provided.

Vertical stanchions shall be mounted from floor and/or seat level to the ceiling grab rail at the inside corner of each stepwell with a horizontal hand rail extended from the stanchion to the body side. A right-hand grab rail shall be provided forward of the entrance door and curved to form a horizontal handrail at the entrance and connected to a vertical stanchion.

A modesty panel shall be installed in front of the right passenger seat.

A partition made of tinted Poly (methyl methacrylate) (PMMA), also known as tinted acrylic or tinted acrylic glass shall be installed behind the driver's seat.

All sharp edges, protruding fasteners, brackets, etc. that can cause injury or damage clothing must be eliminated.

Comply Yes/No: _____

Doors:

Front entry door will be provided on the right side of the vehicle. The door will be double-opening split entrance type built on a tubular steel or aluminum frame welded together with a full exterior facing of tinted safety glass. Door will have a minimum horizontal opening of 28" with minimum height of 78" from top of first step to door header, and must be electrically operated. If removed from driver's area, door must be electro-mechanical. **Pneumatic is not acceptable.** All doors shall be equipped with a locking device when closed.

Door shall be pocket-type to provide optimal seal. A soft rubber cushion at least 2" in width shall be attached to the meeting edges. Assist handles shall be mounted on both sides of the stairwell. Doors, door wells, and seals are to be constructed to prevent drafts and entry of water, to the extent practical. Doors and door openings shall comply with current Federal regulations.

Emergency exits complying with FMVSS 217 shall be provided. These exits may be push-out windows, rear emergency door, and/or roof exit.

Front entry door – horizontal opening width: _____

Method of operation (manual, electro-mechanical): _____

Comply Yes/No: _____

Windows:

Windshield is to be fixed-type 1/4" tinted, laminated safety plate glass (FMVSS 205-compliant) set in heavy rubber channels.

All windows, including emergency escape windows, shall be designed and installed in compliance with FMVSS 217.

Passenger side windows will be of transit design. **School bus type windows will not be accepted.** Vertical mullions between side windows, including trim, will not exceed 11". Passenger side windows shall be sealed-type, with a top horizontal T-slide opening section. The opening section will be a minimum 6" in height and will provide a minimum opening area of 56 square inches. Positive locking latches will be provided. Each side window will be glazed with 1/8" minimum tempered safety glass.

Side and rear windows (including emergency exit windows) shall be tinted a neutral color, complementary to the exterior color scheme. Maximum solar energy transmittance will not exceed 37%, as measured by ASTM E424, and luminous transmittance will be no more than 31%, as measured by ASTM D1003.

All operable windows shall open and close freely with a tight fit when closed.

A minimum of two (2) hinged emergency escape windows shall be provided on each side of the bus. A rear emergency escape window shall be provided. Each emergency escape window shall be clearly labeled with 1" letters (minimum), be marked with a red light above the window, and have operating instructions clearly visible. Each emergency window shall have an audible alarm which will activate when the emergency latch is released.

Side window dimensions shall be 720 square inches, minimum.

Rear emergency escape window shall be 1,050 square inches, minimum.

Transition windows shall be provided in the area immediately in front of the passenger entry door, if possible. The window area shall be a minimum of 200 square inches.

Passenger side window dimensions: _____

Emergency escape side window dimensions: _____

Emergency escape rear window dimensions: _____

Comply Yes/No: _____

Heating and Defrosting
System:

The heating system shall consist of a minimum of two (2) units; one front unit located in the driver's area and one rear unit. The rear unit shall be a minimum 65,000 BTU total, and incorporate a circulating pump to maintain hot water/glycol in the cores. The rear unit is to be placed at an optimal position to heat bus properly.

The front unit shall have one (1) large heater core and two (2) heavy-duty blowers to provide sufficient heated air for defrosting of the windshield and for heating the bus. Circulation blowers shall be controlled by a three-position switch (off, low, high) on the driver's control panel.

An outlet shall be provided near the driver to allow heated air to the driver's area. A lever or knob shall control the distribution of heated air between the defroster plenum chamber and the bus heating outlet(s). The control shall be located conveniently for the driver.

The bus heating units shall be located per manufacturer's recommendations so as to provide 65°F inside temperature in an empty bus, evenly distributed, at 0°F ambient temperature. All controls should be located on the driver's control panel.

Combustion-type heaters shall not be permitted.

The manufacturer shall add the required amount of permanent all-weather coolant after heaters have been connected to protect the cooling system to -20°F.

Comply Yes/No: _____

**Air Conditioning and
Ventilation:**

A complete air conditioning system shall be of a size capable of providing adequate cooling and dehumidifying capacity for passenger comfort. The system must be capable of maintaining a 75°F interior temperature with a full load of passengers, with an ambient temperature of 95°F and 60% relative humidity. Vehicle must have factory installed front air conditioning system.

A minimum 90,000 BTU air conditioning system shall be provided. Hose and hose fittings shall be in compliance with SAE standard J-2064.

Bus shall be equipped with an automatic fast idle system with manual override and time-out canceling.

Multiple cool air outlets shall be provided to evenly distribute cool air for passenger and operator comfort.

All controls for air conditioning shall be located on the driver's control panel.

Bidder shall furnish complete details of the air conditioning system proposed for this vehicle with the bid packet.

The condenser fans, if mounted under the chassis, shall have adequate mud/debris shields.

A ventilator in front of the driver, capable of providing ample direct ventilation for the brake and acceleration pedal area during summer operation shall be provided. The ventilator shall have a non-porous seal. It shall be an easy-to-operate control and accessible to the driver.

A driver's windshield fan shall be provided in the driver's area which is capable of providing forced air circulation to the driver. The fan shall be operated with an on-off switch, and the fan direction shall be adjustable.

Air Conditioning

BTU: _____

Front description: _____

Rear description: _____

Comply Yes/No: _____

Interior Lighting: The instrument panel shall be indirectly lighted.

The stepwell(s) shall be adequately illuminated. The door step light should automatically engage when the door is opened. Door step lighting not engaging automatically, but turning on with outside lighting is acceptable.

Adequate lighting shall be provided to illuminate the center aisle.

Comply Yes/No: _____

Exterior Lighting: All exterior lighting must comply with Federal and State regulations. Exterior lighting shall include the following, at a minimum:

- a. Sealed beam headlights with high and low beam
- b. Front and rear directional signals, operated by a lever on the left side of the steering column and of the self-canceling type
- c. Two (2) white or clear backup lights in the rear of the vehicle
- d. Rear-mounted red combination braking and tail lights
- e. Rear center-mounted red brake light located on the center line of the bus below or above rear window
- f. Single white rear license plate light
- g. Front and rear clearance lights
- h. Minimum of six (6) reflectors: two red on rear, one red near rear of each side, one amber near front of each side
- i. Front and rear identification markers, amber front and red rear
- j. All marker and clearance lights shall have armor or protective material

Brake, tail, rear signal, marker, and clearance lights shall be LED.

A switch shall be provided to operate all directional signals simultaneously as an emergency warning signal.

Comply Yes/No: _____

Seats: Passenger seats and restraints shall meet or exceed all applicable Federal Motor Vehicle Safety Standards, including FMVSS 207, 209, and 210 requirements. A minimum of sixteen (16) forward facing fixed passenger seats shall be provided. Two (2) forward facing double flip seats with seatbelts shall be provided in the wheelchair securement area. Seating will be mid back, upholstered with Level III vinyl. Each seat shall have a steel frame construction with legs, seat belt anchorage, and attachment hardware. Each seat shall have a grab handle at the top.

Certified test reports for the specific model of seat being used shall be submitted with the bid.

*Both flip seats shall be mounted on the rear back wall.

All passenger seats shall be mounted with a minimum of 27" hip-to-knee spacing. **School bus seats are not acceptable.**

A seat belt shall be provided for each seated passenger. Two (2) seat belt extensions shall be

provided.

The driver's seat shall be of standard manufacture transportation quality with retractable seat belt and full range of adjustments. The seat cushion and back shall contain spring supports and foam padding. The seat shall be OEM transportation grade. Seat frame and pedestal are to be covered with non-reflective paint. The seat must meet chassis manufacturer specifications for seating position.

Fixed passenger seats:

Manufacturer: _____

Size: _____

Arrangement (**must attach diagram or photo**): _____

Double flip seat(s):

Manufacturer: _____

Size: _____

Arrangement (**must attach diagram or photo**): _____

Comply Yes/No: _____

Mirrors:

Heated, remote controlled, fully adjustable outside rear view mirrors, complying with all FMVSS, shall be installed on each side of the vehicle. Each mirror shall be constructed with a retractable frame designed to prevent damage by bus washer equipment. The unit shall have a minimum of one 6" x 9" (minimum) flat mirror and one convex mirror per side. **Stick-on types of mirrors are not acceptable.**

A 4" x 16" (minimum) rectangular inside rear mirror shall be installed for the driver's view of the bus interior.

An internal rear view mirror, 9" in diameter minimum, shall be mounted at the right front of the bus at the windshield headliner.

All mirror mountings shall be sufficiently rigid to prevent distortion from vibration.

Comply Yes/No: _____

Accessories and
Equipment:

All standard equipment including, but not limited to:
Three complete sets of keys shall be provided

Sun visor – manufacturer's standard, adjustable for the windshield in front of the driver and for the driver's side window

Windshield wipers/washer – two (2) heavy-duty, self-parking, electrically operated windshield wipers; windshield washers with a one gallon (minimum) reservoir; system located for easy inspection, maintenance, filling, and removal

Emergency equipment – manufacturer shall furnish a safety kit with the vehicle that includes, at a minimum, the following equipment:

- a. One 5 lb. fire extinguisher
- b. One seat belt cutter
- c. One 30-unit first aid kit
- d. Three triangle safety reflectors
- e. Body fluid clean-up kit
- f. CPR kit to contain gloves, gown, eye shield, face mask, disposable bag, viral towelettes

All emergency equipment shall be mounted to the vehicle so that it is easily accessible by the driver, and will not interfere with passenger movement or comfort when not in use.

Backup warning alarm – alarm system which is activated upon reverse movement of the vehicle, is audible above normal outdoor sounds, and meets Federal requirements

Comply Yes/No: _____

Exterior Finish and
Color:

Cab and body shall be manufacturer's standard white. After final assembly, all surfaces requiring paint shall be thoroughly cleaned and primed. Application shall be in accordance with the procedure recommended by the paint manufacturer. The finished surface shall be free of dirt, runs, and other imperfections.

Comply Yes/No: _____

Photo:

A photo of the vehicle shall be provided with the bid packet. A brochure is acceptable.

Comply Yes/No: _____

ADA Fixed Route Accessibility

100% ADA Fixed Route Accessibility: Bus shall include all ADA fixed route requirements as outlined by Federal Regulation CFR 49 Part 38

Comply Yes/No: _____

Wheelchair Lift: Lift must be ADA approved and comply with FMVSS 403 and 404. Lift shall be located on right side of vehicle, and be fully automatic with backup pump and rails. Lift doors shall be same material and thickness as body sidewalls. Lift doors shall have a t-latch system for holding the door open while in use. Lift shall include a fully automated lift interlock system.

Lift shall have a minimum lift capacity of 1,000 lbs. and a minimum platform width of 34".

Wheelchair Lift:

Manufacturer: _____ Model: _____

Capacity: _____ Dimensions: _____

Comply Yes/No: _____

Wheelchair/Restraint System Lock-Down: Vehicle shall be equipped with two (2) forward facing wheelchair securement and occupant restraint systems. The wheelchair lock-down securement/occupant restraint system shall be Q'Straint Q-8100-A1-L; Sure-Lok Retractor System for L track; or approved equal. When the wheelchair space(s) is not being used, there shall be forward facing double foldout seats available for use by ambulatory passengers (see 'Seats' Section).

A storage box or pouch for the lock-down devices and seat belts, when not in use, shall be provided and mounted close to the wheelchair locations, but not in an area that would interfere with passenger traffic.

Wheelchair lock-down/restraint system:

Manufacturer: _____ Model: _____

Capacity: _____ Dimensions: _____

Comply Yes/No: _____

Farebox: A transit-type farebox shall be installed, and shall readily handle paper currency as well as coins. Farebox shall include an extra vault. Farebox shall be Diamond RV or approved equal or none at all

Farebox Manufacturer: _____ Model: _____

Comply Yes/No: _____

Chime System: Pull cord or touch strip with stop request sign.

Comply Yes/No: _____

PA System: Public address system to include a minimum of two inside and one outside speakers

Comply Yes/No: _____

Destination Signs: The front and boarding side transit-type destination signs shall be Luminator, USB operated-type which provides adequate daytime and nighttime visibility. Unit shall be internally mounted, self-contained design, meeting all ADA fixed route requirements.

Manufacturer: Luminator Model: _____

Description: USB Operated

Comply Yes/No: _____

Additional ADA Fixed
Route Equipment:

List and describe additional equipment included to make the bus 100% ADA fixed route accessible:

6 button passenger counters

2 position sportworks bike racks

REI 6 position camera system with minimum of 500 GB DVR HD

Or SEON camera system HD

ADDITIONAL REQUIREMENTS

Service:

Bus is to be delivered to City of Hattiesburg, Mass Transit or Coast Transit Authority fully assembled and ready to operate. Factory or factory trained dealer representative is to check equipment on delivery and demonstrate to project personnel operational, service, and preventive maintenance requirements.

Final vehicle assembly records and quality control assurances shall be supplied upon delivery.

Authorized Local
Dealer:

Authorized dealer within the State of Mississippi (include dealer name, contact person, address, and telephone number):

Workmanship:

Workmanship throughout the vehicle shall conform to the highest standard of commercially accepted practice for the class of work and shall result in a neat and finished appearance. The design of the body and equipment which the manufacturer proposes to furnish must provide a vehicle of substantial and durable construction in all respects.

Welding procedures, welding materials, and qualifications of operators shall be in accordance with standards of the American Society of Testing Materials and the American Welding Society. All

welds visible to the public shall be ground smooth after the welding to present a smooth, workman-like appearance. Where metal is welded to metal, the contact surface shall be neatly finished.

All exposed surfaces and edges shall be smooth, free from burrs and other projections, and shall be neatly finished. All exposed bolts shall be covered or protected in some manner.

All parts shall be new. Used, reconditioned, or obsolete parts will not be accepted.

Manufacturer shall submit with the bid packet a detailed description and specifications of the frame structure, roof structure, and side sheathing, with particular reference to materials used. All buses procured through this contract shall be exact duplicates in design, manufacture, and construction.

Replacement Parts: A supply of replacement parts for the vehicles purchased must be guaranteed by the bidder for a minimum of five years from the date of purchase. Bidder shall keep parts books and manuals up-to-date for a minimum of five years from date of purchase by issuing revised pages or otherwise notifying the State of new or superseding parts and maintenance practices.

Motor Vehicle
Standards:

The manufacturer **shall certify** that the bus complies with all U.S. Department of Transportation safety standards for buses and Interstate Commerce requirements for motor buses operated in interstate commerce that are applicable as of the date of manufacture.

The bus shall comply with all requirements of the laws of the State of Mississippi as to lighting equipment and all warning and safety devices.

The manufacturer **shall certify** that the bus conforms to the air pollution control standards set by the Federal Transit Administration for motor vehicles to be used on FTA projects.

Proof of Altoona testing upon delivery.

Tests and Testing: The complete vehicle and all working and moving parts and operating devices shall be thoroughly tested and put in operating condition by the manufacturer.

The roof, windows, windshield, and compartment doors of all vehicles shall be water tested in an approved manner, and any leaks found shall be repaired in a workman like manner.

The manufacturer/vendor shall not attach any dealer identification, advertising, or similar material to the vehicle. Prior to acceptance of vehicle by City of Hattiesburg, the manufacturer shall service and adjust vehicle for operation to include, as a minimum the following:

- a. Focusing lights
- b. Tuning engine
- c. Adjusting accessories
- d. Checking electrical, braking, and suspension systems
- e. Charging battery(s)
- f. Inflating tires
- g. Balancing all wheels, including spare
- h. Completely lubricating engine, chassis, and operating mechanisms with recommended grades of lubricants for the ambient temperature at point of delivery
- i. Servicing cooling system with permanent type antifreeze and summer coolant for -20°F
- j. Servicing windshield washer with fluid and approved additives
- k. Filling of fuel tank upon delivery

Warranty: Chassis warranty shall be a minimum of 36 months or 36,000 miles on the mechanical components of the vehicles, and a minimum of 12 months warranty on the alternator. Body warranty shall be a minimum of 12 months or 12,000 miles.

Clearly stated terms and conditions of all manufacturer warranties shall be included with the bid packet. Any and all materials, specialty equipment, or accessories that prove defective in normal operation within the warranty period shall be replaced or repaired by the manufacturer free of any and all cost to the vehicle operator, including all material, labor, and transportation costs. Warranty replacement and/or repairs shall be furnished promptly by the successful bidder within a time period not to exceed thirty days. **The bidder shall provide written assurance with the bid package regarding warranty repairs.**

The delivering dealer will have sole warranty responsibility (**all components**) for the first ninety days after acceptance of vehicle.

The manufacturer shall provide, with the bid packet, a list of warranty service locations within the State of Mississippi for all components of the vehicle (A/C, body, chassis, electrical, etc.) which may need warranty repair beyond the first ninety days.

Inspection: City of Hattiesburg reserves the right to inspect all material and workmanship at all times during the process of vehicle assembly.

Final inspection and acceptance of the vehicle(s) covered by these specifications shall be made by City of Hattiesburg.

Delivery: Based on reasonable production time and with due consideration to unforeseen circumstances, the City of Hattiesburg shall expect that delivery on initial unit(s) covered by these specifications will be made within one hundred twenty (120) days of placement of purchase order.

FOB Point: For bid purposes, all vehicles shall be delivered FOB Mississippi dealer. "Caravan" or "driveway" deliveries straight from the manufacturer will not be accepted. A pre-delivery in-service inspection shall be performed by the vendor before delivery to City of Hattiesburg. Each unit shall be delivered completely assembled and ready to operate. A vendor shall be present at the time of pre-delivery and post-delivery inspections.

Documents: Each vehicle shall be delivered with completed Certificate of Origin, tag application, warranty, and any other necessary credentials.

Final vehicle assembly records and quality control assurances shall be supplied upon delivery.

Literature: Technical manuals: The following **shall be provided upon delivery** for each vehicle delivered. These items shall be provided "as built" for each individual unit delivered. Each of these items shall be kept up-to-date for a minimum of five years.

- Operator's manual

- Service/maintenance manual

- Parts book

- Parts interchange manual

- Wiring schematic diagram

- Schematics/drawings for all accessories and equipment not listed in operator's manual

OPTIONS:

1. Extended Power train warranties
2. Upgrade driver's seat if available
3. Reflective decals
4. Destination Signs
5. Stop Chimes
6. Fare Box

**PRE-AWARD
MANUFACTURER'S CERTIFICATION**

That _____
Name of Bidder

hereby certifies that the _____
Manufacturer
vehicle(s) offered by this bid have been designed, manufactured, assembled, tested and found
suitable for intended purpose as specified in the bid documents, and as such the vehicle(s) do
comply fully with the City of Hattiesburg specifications.

Name of Firm

Address

City State Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person Date

**STATEMENT OF ELIGIBILITY
REGARDING DEBARMENT AND SUSPENSION**

That _____
Name of Bidder

hereby certifies that the neither it nor its "principals" [as defined at 2 C.F.R. Part 180] is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction be any Federal department or agency.

This contract is a covered transaction for purposes of 2 CFR Part 180. As such, the contractor is required to verify that none of the contractor, its principals, as defined at 2 CFR 180.995, or affiliates, as defined at 2 CFR 180.905, are excluded or disqualified as defined at 2 CFR 180.940 and 180.945. The contractor is required to comply with 2 CFR 180 and must include the requirement to comply with 2 CFR Part 180 in any lower tier covered transaction it enters into.

By signing and submitting its bid or proposal, the bidder or proposer certifies as follows:

The certification in this clause is a material representation of fact relied upon by the Mississippi Department of Transportation. If it is later determined that the bidder or proposer knowingly rendered an erroneous certification, in addition to remedies available to the City of Hattiesburg, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The bidder or proposer agrees to comply with the requirements of 2 CFR Part 180, et seq., as revised and/or amended, while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

Name of Firm

Address

City State Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person Date

DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATION FOR TRANSIT VEHICLE MANUFACTURERS

The Bidder hereby certifies that it has complied with the requirements of 49 CFR Section 26. If it is a transit vehicle manufacturer, the bidder certifies that it has complied with the requirements of 49 CFR Section 26 by submitting an annual DBE goal to the Federal Transit Administration (FTA). The goal has either been approved or not disapproved by FTA.

The Bidder, if a non-manufacturer supplier, hereby certifies that the manufacturer of the transit vehicle to be supplied has complied with the requirements of 49 CFR Section 26.

Name of Firm

Address

City

State

Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person

Date

FEDERAL MOTOR VEHICLE SAFETY STANDARD CERTIFICATION

That _____
Name of Bidder

hereby certifies that the vehicles offered in this bid comply with the Federal Motor Vehicle Safety Standard (FMVSS) as established by the Department of Transportation and with requirements of the laws of the State of Mississippi, all as are in effect at the time of delivery of the vehicles as to including lighting equipment, as well as all warning, operating and safety devices.

The bidder shall submit 1) manufacturer's FMVSS self-certification sticker information that the vehicle being bid complies with relevant FMVSS or 2) manufacturer's certified statement that the contracted buses will not be subject to FMVSS regulations.

Name of Firm

Address

City

State

Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person

Date

**ADA
VEHICLE ACCESSIBILITY CERTIFICATION**

That _____

Name of Bidder

hereby certifies that the _____ vehicle(s)

Manufacturer

offered by this bid have been designed, manufactured, assembled, tested and found suitable for the transportation of disabled persons and that such vehicle(s) are in compliance with the U. S. DOT and FTA regulations concerning accessibility specification, including but not limited to 49 CFR Part 38.

Name of Firm

Address

City

State

Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person

Date

ACKNOWLEDGMENT OF ADDENDA

The undersigned acknowledges receipt of the following addenda to the Bidding Documents:

ADDENDUM NO. _____, DATED _____

ADDENDUM NO. _____, DATED _____

ADDENDUM NO. _____, DATED _____

ADDENDUM NO. _____, DATED _____

ADDENDUM NO. _____, DATED _____

Note: Failure to acknowledge receipt of all addenda may cause the bid to be considered non-responsive to the solicitation. Acknowledge receipt of each addendum must be clearly established and included with the bid.

Name of Firm

Address

City State Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person Date

**BUY AMERICA CERTIFICATE
(Rolling Stock)**

This procurement is subject to the Federal Transit Administration Buy America Requirements.

A Buy America Certificate, as per attached format, must be completed and submitted with the bid. A bid which does not include the certificate will be considered nonresponsive.

A waiver from the Buy America Provision may be sought by the City of Hattiesburg if grounds for the waiver exist.

The bidder hereby certifies that it will comply with the requirements of 49 U.S.C. Section 5323(j)(2)(C), Section 165(b)(3) of the Surface Transportation Assistance Act of 1982, as amended, and the regulations in 49 CFR 661.11:

Name of Firm

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person

Date

The bidder hereby certifies that it cannot comply with the requirements of 49 U.S.C. Section 5323(j)(2)(C), 49 C.F.R. 661.11, Section 165(b)(3)3 of the Surface Transportation Act of 1982, as amended, but may qualify for an exception to the requirement pursuant to 49 Section 5323(j)(2)(A) or (j)(2)(B), (j)(2)(D), or Section 165(b)(2) or (b)(4) of the Surface Transportation Assistance Act, as amended, and regulations in 49 CFR 661.7.

Name of Firm

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person

Date

Service and Parts

The bidder shall state below the representatives responsible for assisting the City of Hattiesburg to ensure that adequate parts and authorized service locations are available to the greatest extent practical throughout the State. The bidder agrees to furnish along with each bid, a complete list of the location of the nearest distribution center, which shall furnish a complete supply of parts and components for the repair and maintenance of the vehicle supplied. The bidder shall state below or by separate attachment, its policy on transportation charges for parts other than those covered by warranty.

Location of nearest Technical Service Representative to Procuring Agency:

Name: _____

Address: _____

Telephone: _____

Location of nearest Parts Distribution Center to Procuring Agency:

Name: _____

Address: _____

Telephone: _____

Policy for delivery of parts and components to be purchased for service and maintenance:

Regular Method of Shipment: _____

Cost to Procuring Agency: _____

Bidder must also supply a list of recommended parts to be stocked and their price lists.

**CERTIFICATION REGARDING DRUG-FREE
WORKPLACE REQUIREMENTS**

That _____
Name of Bidder

hereby certifies that it will comply with Federal Transit Administration regulations regarding Drug-Free Workplace Requirements.

Name of Firm

Address

City State Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person Date

CIVIL RIGHTS CERTIFICATION FOR TRANSIT VEHICLE MANUFACTURERS

The Bidder, if a transit vehicle manufacturer, hereby certifies that it will comply with the regulations of the U.S. Department of Transportation as stated in 49 CFR Part 21, as amended, which will be incorporated by reference and made a part of all contracts.

The Bidder, if a non-manufacturer supplier, hereby certifies that the manufacturer of the transit vehicle to be supplied will comply with the above referenced requirement of 49 CFR Part 21, as amended.

Name of Firm

Address

City

State

Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person

Date

**CERTIFICATION
of
RESTRICTIONS ON LOBBYING**

(This Certification is required to be completed and returned by the contractor with the bid. Failure to return this certification with the bid will result in a determination that the bid is non responsive or unacceptable.)

The undersigned certifies, to the best of his or her knowledge or belief, that:

1. 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 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 agency, a Member of Congress in connection with this application, an officer or employee of Congress, or an employee of a grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

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 (as amended by the Lobbying Disclosure Act of 1995). 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.

The Contractor, _____, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. A 3801, *et seq.*, apply to this certification and disclosure, if any.

These instruments executed this _____ day of _____, 20 _____.

By _____
(Signature of Contractor's Authorized Official)

(Printed/typed Name of Contractor's Authorized Official)

(Title of Contractor's Authorized Official)

**MANUFACTURER'S CERTIFICATION
FOR
BUS TESTING PROGRAM
(49 CFR PART 665)**

In accordance with 49 CFR Part 665, Bus Testing Program, _____,
Name of Bidder

hereby certifies that the _____
Manufacturer's Name and Model Number

vehicle(s) will comply with 49 U.S.C. A 5323(c) and will meet the following conditions before a contract is awarded for any new bus purchase by the City of Hattiesburg.

1. A model of the bus has been tested at the Pennsylvania Institute Bus Testing Facility (Altoona Testing Center); and
2. The City of Hattiesburg will receive a copy of the Test Report on the bus model being bid, no later than sixty (60) days after the bid opening date.

The undersigned understands that misrepresenting the testing status of a vehicle acquired with Federal financial assistance may subject the undersigned to civil penalties as outlined in the Department of Transportation's regulation on Program Fraud Civil Remedies, 49 CFR Part 31. In addition, the undersigned understands that FTA may suspend or debar a manufacturer under the procedures in 2 CFR Part 180, as amended.

Name of Firm

Address

City

State

Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person

Date

**MANUFACTURER'S CERTIFICATION
OF
ROLLING STOCK MINIMUM SERVICE LIFE**

That _____
Name of Bidder

hereby certifies that the _____
vehicle(s) offered by this bid have been designed, manufactured, assembled, tested
and is in compliance with the Federal Transit Administration's requirements and
regulations concerning rolling stock minimum service life requirements. The bus that
is being bid has a minimum service life of _____ years and/or an accumulation
of _____ miles.

Name of Firm

Address

City State Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person Date

**MANUFACTURER'S CERTIFICATION
OF
COMPLIANCE WITH THE CLEAN AIR ACT**

That _____
Name of Bidder

hereby certifies that the _____
vehicle(s) offered by this bid have been designed, manufactured, assembled, tested and has been
found to be in compliance with all applicable standards, orders or regulations issued
pursuant to the Clean Air Act, as amended, 42 U.S.C. §§ 7401 et seq and the National
Environmental Policy Act.

Name of Firm

Address

City State Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person Date

**CERTIFICATION OF COMPLIANCE
WITH
FEDERAL TRANSIT ACT
AND
INTERMODAL SURFACE TRANSPORTATION EFFICIENCY
ACT**

That _____
Name of Bidder

hereby certifies that it will comply with all regulations and requirements of the Federal Transit Act, as amended and the Intermodal Surface Transportation Efficiency Act of 1991, as amended.

Name of Firm

Address

City State Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person Date

**CERTIFICATION OF COMPLIANCE
WITH
AMERICANS WITH DISABILITIES ACT OF 1990**

That _____
Name of Bidder

hereby certifies that it will comply with all regulations and requirements of the
Americans With Disabilities Act of 1990.

Name of Firm

Address

City State Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person Date

CERTIFICATION
of
PROGRAM FRAUD AND FALSE OR FRAUDULENT
STATEMENTS OF RELATED ACTS

(This Certification is required to be completed and returned by the contractor with the bid. Failure to return this certification with the bid will result in a determination that the bid is non-responsive or unacceptable.)

The undersigned certifies, to the best of his or her knowledge or belief, that:

- (1) The Bidder acknowledges that the provision of the Program Fraud Civil Remedies Act of 1986, as amended, 31 U.S.C. §§3801 et seq. and U. S. DOT regulations, "Program Fraud Civil Remedies," 49 C.F.R. Part 31, apply to its actions pertaining to this Project. Upon execution of this Contract Agreement, the Bidder certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, it may make, or cause to be made, pertaining to the contract or the FTA assisted project for which this contract work is being performed. In addition to other penalties that may be applicable, the Bidder further acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government serves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on the Bidder to the extent the Federal Government deems appropriate.
- (2) The Bidder also acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the City of Hattiesburg or the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance originally awarded by FTA under the authority of 49 U.S.C. §5307, the Government reserves the right to impose the penalties of 18 U.S.C. §1001 and 49 U.S.C. §5307(n)(1) on the Bidder, to the extent the Federal Government deems appropriate.
- (3) The Bidder agrees to include the above two clauses in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clauses shall not be modified, except to identify the subcontractor who will be subject to the provisions.

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 Section 3801, Title 31, U.S. Code. 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.

The Contractor, _____, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any.

These instruments executed this _____ day of _____, 20_____.

By _____
(Signature of Contractor's Authorized Official)

(Printed/typed Name of Contractor's Authorized Official)

(Title of Contractor's Authorized Official)

TERMINATION OF CONTRACT

That _____
Name of Bidder

hereby certifies that it will comply with 49 CFR Part 18 and FTA Circular 4220.1F in regarding the Termination of this or any contract if deemed necessary by the Contracting Agency.

Name of Firm

Address

City State Zip

Telephone

Authorized Person Name and Title (Type or Print)

Signature of Authorized Person Date

NOTICE TO BIDDERS

NOTICE is hereby given that the Mayor and Council of the City of Hattiesburg, Mississippi will receive sealed bids until 10:00 A.M., Thursday, May 10, 2018, in the City Clerk's Office in the City Hall of said City for furnishing the City's requirements for the following supplies, to-wit:

**MINIMUM OF FOUR (4) AND MAXIMUM OF FOURTEEN (14) FULLY EQUIPPED BODY ON
CHASSIS TRANSIT VEHICLES FOR URBAN DEVELOPMENT/MASS TRANSIT.**

The above shall be bid upon and delivered as per detailed specifications on file in the Office of the City Clerk, 200 Forrest Street, Hattiesburg, Mississippi, 39403, (601) 545-4552, which may be obtained upon request.

SEALED BIDS:

Sealed bids must be received in a sealed envelope which is marked in the lower left-hand corner with the word BID and the NAME OF ITEM on which bid is being made and the DATE OF BID OPENING.

ELECTRONIC BIDS / REVERSE AUCTIONS:

Official bid documents can be downloaded from Central Bidding at www.centralbidding.com. Electronic bids and /or reverse auction bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814.

The lowest and best bid received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated as Amended, and other applicable State law; but the Council reserves the right to reject any or all bids received and to waive formalities.

PUBLISHED by Order of the Council on this, the 17th day of April, 2018

CITY OF HATTIESBURG, MISSISSIPPI



CITY CLERK

(S E A L)

Published April 19th and 26th, 2018



City of Hattiesburg, MS

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

Master

File Number: 2018-368

File ID: 2018-368

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Deborah Bourne

File Created: 04/06/2018

Brief Title: Approve the sale of grave spaces, per attached memo's, receipts, and deeds.

Final Action:

Minute Book Number: MB2018-108

Title:

Approve the sale of grave spaces, per attached memos, receipts and deeds.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: VI.-10

Sponsors:

Enactment Date:

Attachments: Memos (04-17-18), Receipts (04-17-18), Deeds (04-17-18), executed Deeds (04-17-18)

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018					

Text of Legislative File 2018-368

Title

Approve the sale of grave spaces, per attached memos, receipts and deeds.

Summary

Approve the sale of grave spaces.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

To: CITY COUNCIL

From: Deborah Bourne, Assistant Division Manager of Cemeteries

Date: March 26, 2018

The following represents the grave spaces sold on March 26, 2018

Rita Reed

(1) Space \$ 175.00

South Half (S ½) of the Northwest Quarter (NW ¼)

Lot 52, Section 36, Highland Cemetery

Rita Reed

(1) Space \$ 175.00

North Half (N ½) of the Southwest Quarter (SW ¼)

Lot 52, Section 36, Highland Cemetery

Louis C. McCaleb

(1) Space \$ 175.00

South Half (S ½) of the Northwest Quarter (NW ¼)

Lot 28, Section 34, Highland Cemetery

Demetrius Antonio Willis

(1) Space \$ 150.00

West Half (W ½) of the Southeast Quarter (SE ¼)

Lot 103, Section 1, South Hill Cemetery

James Walker

(1) Space \$ 150.00

East Half (E ½) of the Northeast Quarter (NE ¼)

Lot 99, Section 1, South Hill Cemetery

To: CITY COUNCIL

From: Deborah Bourne, Assistant Division Manager of Cemeteries

Date: March 27, 2018

The following represents the grave spaces sold on March 27, 2018

Linda Gail Walker

(1) Space \$ 175.00

North Half (N ½) of the Northeast Quarter (NE ¼)

Lot 54, Section 36, Highland Cemetery

LeTitia Fairley

(1) Space \$175.00

North Half (N ½) Southwest Quarter (SW ¼)

Lot 57, Section 35, Highland Cemetery

To: CITY COUNCIL

From: Deborah Bourne, Assistant Division Manager of Cemeteries

Date: April 3, 2018

The following represents the grave spaces sold on April 3, 2018

Deborah McGee

(1) Space \$ 175.00

North Half (N ½) of the Southwest Quarter (SW ¼)

Lot 41, Section 37, Highland Cemetery

Andrew Lee Davis

(1) Space \$ 175.00

South Half (S ½) of the Northwest Quarter (NW ¼)

Lot 50, Section 35, Highland Cemetery

Kevin Terrell Jones

(1) Space \$ 175.00

South Half (S ½) of the Northwest Quarter (NW ¼)

Lot 60, Section 34, Highland Cemetery

Paula E. Mayo

(1) Space \$ 175.00

North Half (N ½) of the Northwest Quarter (NW ¼)

Lot 16, Section 37, Highland Cemetery

Paula E. Mayo

(1) Space \$ 175.00

South Half (S ½) of the Southwest Quarter (SW ¼)

Lot 16, Section 37, Highland Cemetery

Paula E. Mayo

(4) Spaces \$ 700.00

East Half (E ½)

Lot 16, Section 37, Highland Cemetery

To: CITY COUNCIL

From: Deborah Bourne, Assistant Division Manager of Cemeteries

Date: April 4, 2018

The following represents the grave spaces sold on April 4, 2018

Mary K. Stevens

(1) Space \$175.00

North Half (N ½) of the Southeast Quarter (SE ¼)

Lot 64, Section 36, Highland Cemetery

Mary K. Stevens

(1) Space \$ 175.00

South Half (S ½) of the Northeast Quarter (NE ¼)

Lot 64, Section 36, Highland Cemetery

To: CITY COUNCIL

From: Deborah Bourne, Assistant Division Manager of Cemeteries

Date: April 5, 2018

The following represents the grave spaces sold on April 5, 2018

Donald and Stephanie Woods

(2) Spaces \$ 350.00

Northeast Quarter (NE ¼)

Lot 60, Section 37, Highland Cemetery

Gloria Wiley McGee

(1) Space \$ 175.00

North Half (N ½) of the Southeast Quarter (SE ¼)

Lot 90, Section 34, Highland Cemetery

Mail to:
15 Scarlet St.
Purvis, MS. 39457

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 03/22 2018

SOLD TO:

Mr. Mrs. Miss Rita Reed

ADDRESS 1258 Richburg Rd, 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. 52 Section No. 36 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

ck# 8213

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Bourne
Supt. of City Cemeteries

Mail to:
15 Scarlet St
Purvis, MS. 39457

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 03/22 2018

SOLD TO:

Mr. Mrs. Miss Rita Reed

ADDRESS 1258 Richburg Rd, Hattiesburg, MS. 39401

Desires to purchase the grave space described below, subject to Cemetery regulations.

N $\frac{1}{2}$ SW $\frac{1}{4}$ Lot No. 52 Section No. 36 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

ck# 8213

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Bourne
Supt. of City Cemeteries

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 03-24 2018

SOLD TO:

Mr. Mrs. Miss Louis C. McCaleb

ADDRESS 5041 Magnolia Ave 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. 28 Section No. 34 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CITY OF HATTIESBURG, MISSISSIPPI

By Vanda Wilson

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 03-22 20 18

SOLD TO:

Mr. Mrs. Miss Demetrius Antonio Williams

ADDRESS 926 West 10th St Hattiesburg, Miss 39401

Desires to purchase the grave space described below, subject to Cemetery regulations.

W 1/2 SE 1/4 Lot No. 103 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 John H. Wilson
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 03-23 20 18

SOLD TO:

Mr. Mrs. Miss James Walker

ADDRESS 76 Walker Rd Hattiesburg, Miss 39401

Desires to purchase the grave space described below, subject to Cemetery regulations.

E 1/2 NE 1/4 Lot No. 99 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 John H. Wilson
Supt. of City Cemeteries

mail to:
8466 Tammy Lane
Chickadee, AL
36522

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 03-26 2018

SOLD TO:

Mr. Mrs. Miss Letitia Fairley
ADDRESS 622 New Orleans St. Hattiesburg, MS 39401

Desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 SW 1/4 Lot No. 57 Section No. 35 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CASH

CITY OF HATTIESBURG, MISSISSIPPI

By James Wilson
Supt. of City Cemeteries

mail to:
2749 Oak Grove Rd
Lot 99
Hattiesburg, MS 39402

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 03/26/ 2018

SOLD TO:

Mr. Mrs. Miss Linda Gail Walker
ADDRESS 805 Hardy St. Hattiesburg, MS 39401

Desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 NE 1/4 Lot No. 54 Section No. 36 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CASH

CITY OF HATTIESBURG, MISSISSIPPI

By Debrah Boone
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 03-24 2018

SOLD TO:

Mr., Mrs. Miss Deborah M. Ee

ADDRESS 1208 Coit Street Hattiesburg, MS 39401

Desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 SW 1/4 Lot No. 41 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 Orin Ray Gibson
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 03-24 2018

SOLD TO:

Mr., Mrs. Miss Andrew Lee Davis

ADDRESS 1712 W. 7th Street Hattiesburg, MS 39401

Desires to purchase the grave space described below, subject to Cemetery regulations.

S 1/2 NW 1/4 Lot No. 50 Section No. 35 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

cash

CITY OF HATTIESBURG, MISSISSIPPI

By Orin Ray Gibson
Supt. of City Cemeteries

mail to:
723 E. 19th Street
Laurel, MS 39440
**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 03-28 2018

SOLD TO:

Mr., Mrs. Miss Kevin Terrell Jones

ADDRESS 5752 Hwy 49 S. Hattiesburg, MS 39401

Desires to purchase the grave space described below, subject to Cemetery regulations.

S 1/2 NW 1/4 Lot No. 60 Section No. 34 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

cash

CITY OF HATTIESBURG, MISSISSIPPI

By Orin Ray Gibson
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 03-29 2018

SOLD TO:

Mr. Mrs. Miss

Paula E. Mayo

ADDRESS

1016 Hampton Place Hattiesburg, MS

39402

Desires to purchase the grave space described below, subject to Cemetery regulations.

N $\frac{1}{2}$ NW $\frac{1}{4}$ Lot No. 14 Section No. 37 in Highland Cemetery

Number of grave spaces 1

Price per grave space \$ 175.00

Price Received \$

175.00

CK #1

CITY OF HATTIESBURG, MISSISSIPPI

By

Xa My Nelson

Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 03-29 2018

SOLD TO:

Mr. Mrs. Miss

Paula E. Mayo

ADDRESS

1016 Hampton Place Hattiesburg, MS

39402

Desires to purchase the grave space described below, subject to Cemetery regulations.

S $\frac{1}{2}$ SW $\frac{1}{4}$ Lot No. 16 Section No. 37 in Highland Cemetery

Number of grave spaces 1

Price per grave space \$ 175.00

Price Received \$

175.00

CK #1

CITY OF HATTIESBURG, MISSISSIPPI

By

Xa My Nelson

Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 03-29 2018

SOLD TO:

Mr. Mrs. Miss

Paula E. Mayo

ADDRESS

1016 Hampton Place Hattiesburg, MS

39402

Desires to purchase the grave space described below, subject to Cemetery regulations.

E $\frac{1}{2}$ E $\frac{1}{4}$ Lot No. 14 Section No. 37 in Highland Cemetery

Number of grave spaces 4

Price per grave space \$ 175.00

Price Received \$

700.00

CK #1

CITY OF HATTIESBURG, MISSISSIPPI

By

Xa My Nelson

Mail to:
177 East Bay Dr. CITY OF HATTIESBURG
Lumberton, MS PURCHASE OF CEMETERY GRAVE SPACES
39455

Hattiesburg, Miss., 04-04 2018

SOLD TO:

Mr. Mrs. Miss Mary K. Stevens
ADDRESS 805 Hardy St. Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 SE 1/4 Lot No. 64 Section No. 36 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CITY OF HATTIESBURG, MISSISSIPPI

By J. Ray Gibson
Supt. of City Cemeteries

ck #44615

Mail to:
177 East Bay Dr. CITY OF HATTIESBURG
Lumberton, MS PURCHASE OF CEMETERY GRAVE SPACES
39455

Hattiesburg, Miss., 04-04 2018

SOLD TO:

Mr. Mrs. Miss Mary K. Stevens
ADDRESS 805 Hardy St. Hattiesburg, MS 3

desires to purchase the grave space described below, subject to Cemetery regulations.

S 1/2 NE 1/4 Lot No. 64 Section No. 36 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CITY OF HATTIESBURG, MISSISSIPPI

By J. Ray Gibson
Supt. of City Cemeteries

ck #44615

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 04/04/2018

SOLD TO:

Mr. Mrs. Miss Donald Axel Stephanie Woods
ADDRESS 1016 Richburg Rd Hattiesburg, MS 39402

desires to purchase the grave space described below, subject to Cemetery regulations.

1/2 NE 1/4 Lot No. 60 Section No. 37 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00

ck # 5261

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Burre
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 04/05/2018

SOLD TO:

Mr. Mrs. Miss Gloria Wiley Mrs Gee
ADDRESS 101 mini farm Rd, Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 SE 1/4 Lot No. 90 Section No. 34 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

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 Rita Reed, 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 52

Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Rita Reed, 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 52

Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Louis C. McCaleb, 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 28

Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Demetrius Antonio Willis, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

West Half (W½) of the Southeast Quarter (SE¼)

Lot Number: 103

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 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK
(S E A L)

MAYOR

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and 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 17th day of April, 2018.

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 James Walker, 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 Number: 99

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 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK
(S E A L)

MAYOR

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and 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 17th day of April, 2018.

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 LeTitia 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 Southwest Quarter (SW¼)

Lot 57

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 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Linda Gail Walker, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Northeast Quarter (NE¼)

Lot 54

Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Deborah McGee, 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 41

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 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Andrew Lee Davis, 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 50

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 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(SEAL)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and 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 17th day of April, 2018.

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 Kevin Terrell Jones, 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 60

Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Paula E. Mayo, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Northwest Quarter (NW¼)

Lot 16

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 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Paula E. Mayo, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Southwest Quarter (SW¼)

Lot 16

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 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Paula E. Mayo, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

East Half (E½)

Lot Number 16

Section Number: 37

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 17th day of April 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Mary K. Stevens, 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 64

Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Mary K. Stevens, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Northeast Quarter (NE¼)

Lot 64

Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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, Donald and Stephanie Woods, 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 60 Section Number 37

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018

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 Gloria Wiley McGee, 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 90

Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kernas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Rita Reed, 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 52

Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

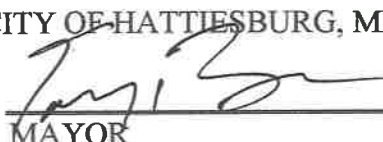
WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:



CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI



MAYOR

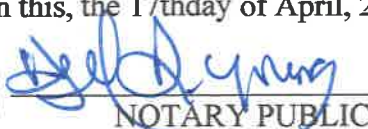
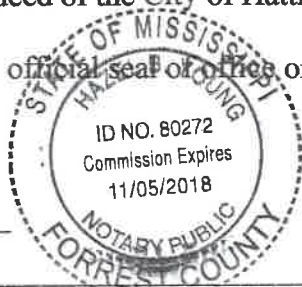
(SEAL)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and 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 17th day of April, 2018.

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 Rita Reed, 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 52

Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:



CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI



MAYOR

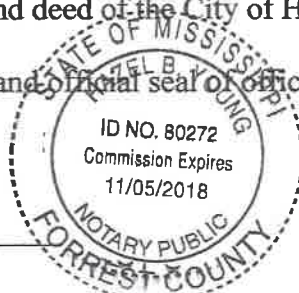
(SEAL)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and 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 17th day of April, 2018.

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 Louis C. McCaleb, 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 28

Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(SEAL)

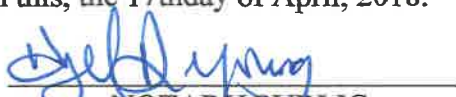
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and 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 17th day of April, 2018.

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 Demetrius Antonio Willis, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

West Half (W $\frac{1}{2}$) of the Southeast Quarter (SE $\frac{1}{4}$)

Lot Number: 103

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.

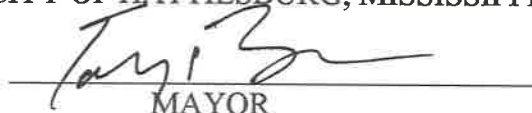
WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:



CITY CLERK
(SEAL)

CITY OF HATTIESBURG, MISSISSIPPI

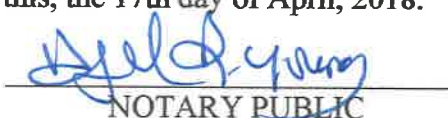

MAYOR

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and Deputy City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 James Walker, 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 Number: 99

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.

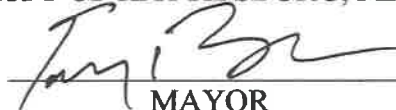
WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:



CITY CLERK
(SEAL)

CITY OF HATTIESBURG, MISSISSIPPI



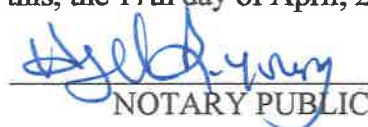
MAYOR

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and Deputy City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 LeTitia 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 Southwest Quarter (SW¼)

Lot 57

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 17th day of April, 2018.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI

MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Linda Gail Walker, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Northeast Quarter (NE¼)

Lot 54 Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:

CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI

MAYOR

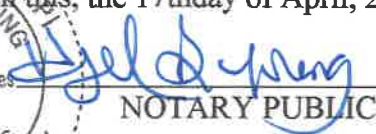
(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Deborah McGee, 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 41

Section 37

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

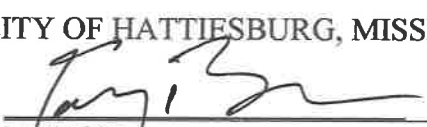
SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and 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 17th day of April, 2018.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI

MAYOR

(S E A L)

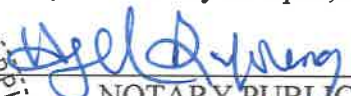
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Andrew Lee Davis, 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 50

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 17th day of April, 2018.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

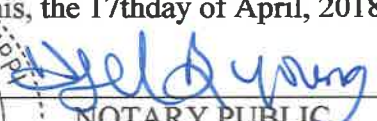
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Kevin Terrell Jones, 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 60

Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

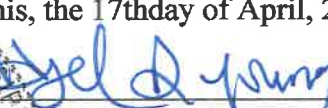
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Paula E. Mayo, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

North Half (N½) of the Northwest Quarter (NW¼)

Lot 16

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 17th day of April, 2018.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

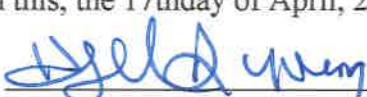
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Paula E. Mayo, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Southwest Quarter (SW¼)

Lot 16

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.

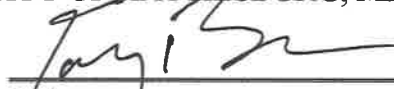
GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

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 17th day of April, 2018.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

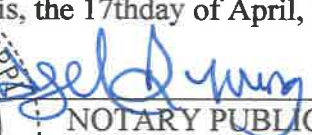
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Paula E. Mayo, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

East Half (E½)

Lot Number 16

Section Number: 37

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.

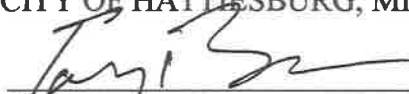
GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

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 17th day of April 2018.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Mary K. Stevens, 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 64

Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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 Mary K. Stevens, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Northeast Quarter (NE¼)

Lot 64

Section 36

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

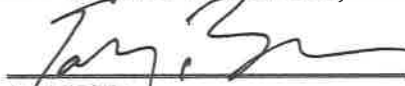
GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI


MAYOR

(S E A L)

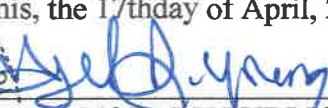
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

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, Donald and Stephanie Woods, 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 60 Section Number 37

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day April, 2018.

ATTEST:


CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI

MAYOR

(S E A L)

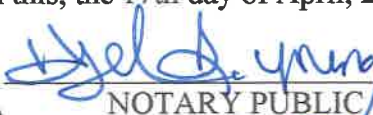
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018

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 Gloria Wiley McGee, 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 90

Section 34

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

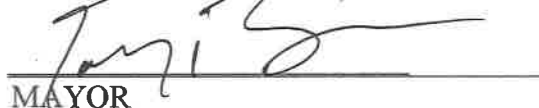
WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 17th day of April, 2018.

ATTEST:



CITY CLERK

CITY OF HATTIESBURG, MISSISSIPPI



MAYOR

(S E A L)

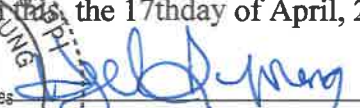
STATE OF MISSISSIPPI
COUNTY OF FORREST/LAMAR

Personally, appeared before me, the undersigned authority in and for said County and State, Toby Barker and Kermas Eaton, Mayor and City Clerk, respectively, of the City of Hattiesburg, Mississippi, a municipal corporation, each of whom acknowledged before me that they signed, executed and delivered the above and foregoing Cemetery Deed on the day and year therein mentioned as the act and deed of the City of Hattiesburg after having first been authorized so to do.

Given under my hand and official seal of office on this, the 17th day of April, 2018.

My Commission Expires:




NOTARY PUBLIC



City of Hattiesburg, MS

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

Master

File Number: 2018-385

File ID: 2018-385

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 04/09/2018

Brief Title: Approve Claims docket for the period ending 4/13/2018.

Final Action:

Minute Book Number: MB2018-109

Title:

Approve claims docket for the period ending April 13, 2018.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: VI.-11

Sponsors:

Enactment Date:

Attachments: DOCKET 18.04-13, ADDENDUM

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	04/17/2018					

Text of Legislative File 2018-385

Title

Approve claims docket for the period ending April 13, 2018.

Summary

Approve Claims docket for the period ending 4/13/2018.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING APRIL 13, 2018

Page 1
Date - 04/11/18

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
GENERAL FUND							
00001 A & R FARM AND GARDEN	303429	00178466	17004396	CHEMICAL SPRAY P/F ACADEMY	04/13/18	263290	100.00-
A & R FARM AND GARDEN							100.00-
Sum							
00001 A A A AMBULANCE SERVICE	18-538 ALFOR	00178521	17004376	SERV 1/3/18 ALFORD PRISONER	04/13/18	263291	303.09-
00001 A A A AMBULANCE SERVICE	17-67247 CLA	00178521	17004377	SERV 11/10/17 CLARK PRISONER	04/13/18	263291	303.09-
00001 A A A AMBULANCE SERVICE	17-68602 MOO	00178521	17004378	SERV 11/17/17 MOODY PRISONER	04/13/18	263291	302.58-
00001 A A A AMBULANCE SERVICE	18-2820 YOUN	00178521	17004379	SERV 11/13/18 YOUNG PRISONER	04/13/18	263291	302.58-
A A A AMBULANCE SERVICE							
Sum							1,211.34-
00001 AARON OIL COMPANY INC	292365-S	00178530	17004372	WASTE OIL REMOVAL POLICE DEPT	04/13/18	263292	25.65-
AARON OIL COMPANY INC							25.65-
Sum							
00001 ACUTY GROUP OF MISSISSI	11770	00178508	17004367	MONTHLY CONTRACT 4/18	04/13/18	263293	1,108.50-
ACUTY GROUP OF MISSISSI							1,108.50-
Sum							
00001 AMERICAN CONCRETE PRODUC	70584	00178440	17004360	BRICKS/BLOCKS CITY WIDE USE	04/13/18	263297	640.56-
AMERICAN CONCRETE PRODUC							640.56-
Sum							
00001 AMERICAN PRINTING & OFFI	7460	00178358	17004321	STRIPE POLICE K-9 UNITS	04/13/18	263298	1,515.00-
AMERICAN PRINTING & OFFI							1,515.00-
Sum							
00001 ANOINTED HANDS SERVICES,	5496	00178409	17004287	SERVS 4/18 EMP CLINIC	04/13/18	263299	280.00-
ANOINTED HANDS SERVICES,							280.00-
Sum							
00001 APCO-MS CHAPTER	REG HARRIS 5	00178673	17004577	REG HARRIS SUPER HEROS APCO	04/13/18	263300	495.00-
00001 APCO-MS CHAPTER	REG HESTER 5	00178673	17004578	REG HESTER SUPER HEROS APCO	04/13/18	263300	495.00-
APCO-MS CHAPTER							990.00-
Sum							
00001 ARNOLD LINE WATER ASSN I	2145 3/20/18	00020187	17004239	SERV 2/20-3/20/18 #8 FIRE STA	04/13/18	263302	28.00-
ARNOLD LINE WATER ASSN I							28.00-
Sum							
00001 AT&T	601M31822200	02018460	17004238	SERV 3/23-4/22/18 POLICE	04/13/18	263303	413.50-
00001 AT&T	601M23905500	00020187	17004408	VEHICLE LOC MNT 3/28-4/27 POL	04/13/18	263304	202.00-
00001 AT&T	601M81832700	02018489	17004525	MONTHLY SERV 4/18 VARI DEPTS	04/13/18	263305	13,640.30-
AT&T							
Sum							14,255.80-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING APRIL 13, 2018

Page 2
Date - 04/11/18

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
00001 AT&T CAPITAL SERVICES	3034372	00178636	17004534	INTERACT SOFTWARE HPD	04/13/18	263306	12,556.56-
AT&T CAPITAL SERVICES Sum							12,556.56-
00001 AT&T LONG DISTANCE SERVI	0268737665	02018485	17004505	LONG DIST SERV-ONE NET	04/13/18	263307	242.80-
AT&T LONG DISTANCE SERVI Sum							242.80-
00001 AUTO ARMATURE SERVICE IN	11647	00178320	17004206	BATTERY U#18316 POLICE	04/13/18	263308	399.95-
00001 AUTO ARMATURE SERVICE IN	11778	00178532	17004416	BATTERY U#18205 POLICE	04/13/18	263308	199.95-
00001 AUTO ARMATURE SERVICE IN	11752	00178454	17004489	ALTERNATOR U#9609 STREET	04/13/18	263308	118.95-
00001 AUTO ARMATURE SERVICE IN	11753	00178454	17004490	BATTERY U#20069 SANIT	04/13/18	263308	285.90-
00001 AUTO ARMATURE SERVICE IN	11754	00178454	17004491	BATTERY U#20072 SANIT	04/13/18	263308	285.90-
00001 AUTO ARMATURE SERVICE IN	11846	00178622	17004562	BATTERIES U#13562 CEMETERY	04/13/18	263308	283.90-
AUTO ARMATURE SERVICE IN Sum							1,574.55-
00001 AUTOMOTIVE GLASS SPECIAL	1221262	00177671	17004304	REPRS U#15480 CONSTR DEPT	04/13/18	263309	225.00-
00001 AUTOMOTIVE GLASS SPECIAL	1221580	00177708	17004308	WINDOW REPR U#17017 HEALTH	04/13/18	263309	293.00-
00001 AUTOMOTIVE GLASS SPECIAL	1221694	00178533	17004417	WINDSHIELD REPR U#20422 POL	04/13/18	263309	50.00-
AUTOMOTIVE GLASS SPECIAL Sum							568.00-
00001 BIG IRON DIESEL REPAIR L	RO2553	00178300	17004269	REPRS U#16009 PUB WORKS	04/13/18	263312	392.43-
BIG IRON DIESEL REPAIR L Sum							392.43-
00001 BRACKMAN MOWER WAREHOUSE	37086	00178216	17004326	REPR PTS VARI PUB WORKS UNITS	04/13/18	263315	3,678.90-
00001 BRACKMAN MOWER WAREHOUSE	36848	00178129	17004405	REPR PTS U#19293 HEALTH	04/13/18	263315	188.85-
00001 BRACKMAN MOWER WAREHOUSE	37168	00178451	17004492	REPR PTS U#19281 STREET	04/13/18	263315	147.52-
BRACKMAN MOWER WAREHOUSE Sum							4,015.27-
00001 BROADDUS & ASSOCIATES	4102-11 4103	00178306	17004202	SERVS 2/18-3/18	04/13/18	263320	2,722.50-
BROADDUS & ASSOCIATES Sum							2,722.50-
00001 CANON SOLUTIONS AMERICA	4025569984	00178594	17004467	COPIER 4/18 ACCTG/PURCH	04/13/18	263325	30.66-
CANON SOLUTIONS AMERICA Sum							30.66-
00001 CARQUEST AUTO PARTS STOR	14758-106483	00178247	17004229	BATTERY U#20227 CEMETERY	04/13/18	263328	44.99-
00001 CARQUEST AUTO PARTS STOR	14758-106655	00178321	17004257	REPR PTS VARI POLICE UNITS	04/13/18	263328	1,372.75-
00001 CARQUEST AUTO PARTS STOR	14758-106655	00178334	17004258	ADDL AMT DUE PO#178321	04/13/18	263328	120.31-
00001 CARQUEST AUTO PARTS STOR	14758-106676	00178359	17004259	REPR PTS U#17708 POLICE	04/13/18	263328	142.86-
00001 CARQUEST AUTO PARTS STOR	14758-106651	00178344	17004323	REPR PTS U#15921 TRAFFIC	04/13/18	263328	132.53-
00001 CARQUEST AUTO PARTS STOR	14758-106650	00178348	17004324	REPR PTS U#15921 TRAFFIC	04/13/18	263328	60.72-
00001 CARQUEST AUTO PARTS STOR	14758-106493	00178275	17004328	REPR PTS U#15920/SHOP SUPP	04/13/18	263328	65.40-
00001 CARQUEST AUTO PARTS STOR	14758-106169	00178103	17004331	REPR PTS U#11740/11408 SANIT	04/13/18	263328	131.77-

Page 3
Date - 04/11/18

CARQUEST AUTO PARTS STOR	3,018.30
Sum	

CARROLL, E CARTER	250.00-
Sum	

CERTIFIED LABORATORIES
Sum 6,530.70-

00001	CINTAS	CORPORATION	#J66	J66578074	00178382	17004277	UNIFORMS	4/02	CONSTR	DEPT	04/13/18	263339	77.83
00001	CINTAS	CORPORATION	#J66	J66578080	00178425	17004297	UNIFORMS	4/02	TRAFFIC		04/13/18	263339	72.26
00001	CINTAS	CORPORATION	#J66	J66578082	00178439	17004298	MOP/MAT	4/02	TRAFFIC		04/13/18	263339	7.90
00001	CINTAS	CORPORATION	#J66	J66578079	00178439	17004311	UNIFORMS	4/02	PUBLIC	WORKS	04/13/18	263339	71.32
00001	CINTAS	CORPORATION	#J66	J66578073	00178439	17004312	UNIFORMS	4/02	PUBLIC	WORKS	04/13/18	263339	10.00
00001	CINTAS	CORPORATION	#J66	J66578076	00178439	17004313	UNIFORMS	4/02	PUBLIC	WORKS	04/13/18	263339	35.66
00001	CINTAS	CORPORATION	#J66	J66578078	00178439	17004314	UNIFORMS	4/02	SHOP		04/13/18	263339	44.71
00001	CINTAS	CORPORATION	#J66	J66578075	00178439	17004315	UNIFORMS	4/02	SANIT		04/13/18	263339	160.29
00001	CINTAS	CORPORATION	#J66	J66578077	00178439	17004316	UNIFORMS	4/02	SANIT		04/13/18	263339	154.94
00001	CINTAS	CORPORATION	#J66	J66578072	00178457	17004351	MOP/MAT	4/02	GO&FS		04/13/18	263339	24.96
00001	CINTAS	CORPORATION	#J66	J66578081	00178457	17004352	MOP/MAT	4/02	SANIT		04/13/18	263339	24.04
00001	CINTAS	CORPORATION	#J66	J66577511	00178537	17004423	UNIFORMS	3/28	GEORGE	T DEPOT	04/13/18	263339	4.95
00001	CINTAS	CORPORATION	#J66	J66576728	00178537	17004424	UNIFORMS	3/21	GEORGE	T DEPOT	04/13/18	263339	4.95
00001	CINTAS	CORPORATION	#J66	J66575938	00178537	17004425	UNIFORMS	3/14	GEORGE	T DEPOT	04/13/18	263339	4.95
00001	CINTAS	CORPORATION	#J66	J66575146	00178537	17004426	UNIFORMS	3/07	GEORGE	T DEPOT	04/13/18	263339	4.95
00001	CINTAS	CORPORATION	#J66	J66574667	00178556	17004433	UNIFORMS	3/02	CEM/FORESTRY		04/13/18	263339	80.92
00001	CINTAS	CORPORATION	#J66	J66575461	00178556	17004434	UNIFORMS	3/09	CEM/FORESTRY		04/13/18	263339	66.92
00001	CINTAS	CORPORATION	#J66	J66576251	00178556	17004435	UNIFORMS	3/16	CEM/FORESTRY		04/13/18	263339	66.92
00001	CINTAS	CORPORATION	#J66	J66577043	00178556	17004436	UNIFORMS	3/23	CEM/FORESTRY		04/13/18	263339	66.92
00001	CINTAS	CORPORATION	#J66	J66575462	00178556	17004437	MOP/MAT	3/02	CEM/FORESTRY		04/13/18	263339	15.70
00001	CINTAS	CORPORATION	#J66	J66575462	00178556	17004438	MOP/MAT	3/09	CEM/FORESTRY		04/13/18	263339	15.70
00001	CINTAS	CORPORATION	#J66	J66576252	00178556	17004439	MOP/MAT	3/16	CEM/FORESTRY		04/13/18	263339	15.70
00001	CINTAS	CORPORATION	#J66	J66577044	00178556	17004440	MOP/MAT	3/23	CEM/FORESTRY		04/13/18	263339	15.70
00001	CINTAS	CORPORATION	#J66	J66579293	00178630	17004472	UNIFORMS	4/09	CONSTR		04/13/18	263339	77.83
00001	CINTAS	CORPORATION	#J66	J66579299	00178630	17004545	UNIFORMS	4/09	TRAFFIC		04/13/18	263339	72.26
00001	CINTAS	CORPORATION	#J66	J66579331	00178630	17004546	MOP/MAT	4/09	TRAFFIC		04/13/18	263339	7.90
00001	CINTAS	CORPORATION	#J66	J66579298	00178615	17004547	UNIFORMS	4/09	PUBLIC	WORKS	04/13/18	263339	71.32
00001	CINTAS	CORPORATION	#J66	J66579292	00178615	17004548	UNIFORMS	4/09	PUBLIC	WORKS	04/13/18	263339	10.00
00001	CINTAS	CORPORATION	#J66	J66579295	00178615	17004549	UNIFORMS	4/09	PUBLIC	WORKS	04/13/18	263339	35.66
00001	CINTAS	CORPORATION	#J66	J66579297	00178615	17004550	UNIFORMS	4/09	SHOP		04/13/18	263339	44.71
00001	CINTAS	CORPORATION	#J66	J66579294	00178615	17004551	UNIFORMS	4/09	SANIT		04/13/18	263339	160.29
00001	CINTAS	CORPORATION	#J66	J66579296	00178615	17004552	UNIFORMS	4/09	SANIT		04/13/18	263339	154.94
00001	CINTAS	CORPORATION	#J66	J66579329	00178617	17004553	MOP/MAT	4/09	GO&FS		04/13/18	263339	24.96
00001	CINTAS	CORPORATION	#J66	J66579330	00178617	17004554	MOP/MAT	4/09	SANIT		04/13/18	263339	24.04

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Sum							1,732.10-
00001 CITY OF HATTIESBURG FUND	TRF 1ST 4/18	02018480	17004526	TRF 1ST 4/18 PAYROLL	04/10/18	112648	1,109,430.67-
CITY OF HATTIESBURG FUND	Sum						1,109,430.67-
00001 CLARION LEDGER (ADVERTIS	ACCT# TCL-C1	00178475	17004342	ADS 3/15 & 3/22/18 MPO DIV	04/13/18	263342	103.80-
CLARION LEDGER (ADVERTIS	Sum						103.80-
00001 CLEMENTS HARDWARE	120272	00178484	17004398	LOCK/KEYS U#20067	04/13/18	263343	16.99-
CLEMENTS HARDWARE	Sum						16.99-
00001 COLLINS & NULL APPRAISAL	3310	00178646	17004544	APPRAISAL #2 FIRE PROJECT	04/13/18	263344	1,750.00-
COLLINS & NULL APPRAISAL	Sum						1,750.00-
00001 COLLINS, BARRY A	TRAVEL REIMB	00178616	17004543	EXPNS FIRE PROTECT PLANS REVW	04/13/18	263345	200.70-
COLLINS, BARRY A	Sum						200.70-
00001 COLLINS, JOSEPH	TRAVEL REIMB	00178522	17004375	EXPNS FIRE PREV SYS JACKSON	04/13/18	263346	129.29-
COLLINS, JOSEPH	Sum						129.29-
00001 COMCAST CABLEVISION OF H	839641073073	00178486	17004348	CABLE 4/18 TRAFFIC/CONSTR	04/13/18	263347	6.27-
00001 COMCAST CABLEVISION OF H	839641073092	00178517	17004373	CONVERTER BOX 4/18 POLICE	04/13/18	263348	114.58-
00001 COMCAST CABLEVISION OF H	839641073047	00178511	17004444	CABLE/INET 3/30-4/29 CLINIC	04/13/18	263349	146.39-
COMCAST CABLEVISION OF H	Sum						267.24-
00001 COURT PROGRAMS INC	INVOICE #43	00178408	17004283	MONITOR ANKLE BRACELETS 3/18	04/13/18	263353	7,880.00-
00001 COURT PROGRAMS INC	INVOICE #42	00178444	17004284	ADDL AMT DUE PO#178408	04/13/18	263353	140.00-
COURT PROGRAMS INC	Sum						8,020.00-
00001 D P S CRIME LAB	90067278	00178674	17004536	ANALYTICAL FEES POLICE	04/13/18	263358	1,800.00-
D P S CRIME LAB	Sum						1,800.00-
00001 DEERE, JOHN CO (CARY NC)	05402366	00177822	17004362	GATOR FOR CEMETERY	04/13/18	263359	6,834.41-
DEERE, JOHN CO (CARY NC)	Sum						6,834.41-
00001 E-Z GARAGE DOOR SERVICE.	1038	00178479	17004501	BAY DOOR REPAIR #6 FIRE STA	04/13/18	263364	350.00-

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E-Z GARAGE DOOR SERVICE, Sum							350.00-
00001 ECONOMY SUPPLY CO	292097	00178315	17004218	LOCK/KEY PUB WORKS CLOSET	04/13/18	263366	23.00-
00001 ECONOMY SUPPLY CO	292329	00178338	17004275	WOOD FOR BETSY PROJECT	04/13/18	263366	97.70-
00001 ECONOMY SUPPLY CO	292058	00178135	17004290	ANT POISON POLICE DEPT	04/13/18	263366	45.00-
00001 ECONOMY SUPPLY CO	291854	00178167	17004317	DOOR KNOBS MUN COURT OFFICES	04/13/18	263366	89.85-
00001 ECONOMY SUPPLY CO	292325	00178184	17004327	WOOD/SUPP PUB WORKS TRAILER	04/13/18	263366	511.40-
ECONOMY SUPPLY CO Sum							766.95-
00001 EMERGENCY EQUIPMENT PROF	433484	00178153	17004488	REPR PTS U#13932 FIRE DEPT	04/13/18	263369	224.59-
00001 EMERGENCY EQUIPMENT PROF	433585	00178364	17004575	REPR PTS VARI FIRE UNITS	04/13/18	263369	85.00-
EMERGENCY EQUIPMENT PROF Sum							309.59-
00001 EMERGENCY MEDICAL PRODUC	1977035	00178226	17004261	MEDICAL SUPP FIRE DEPT	04/13/18	263370	897.40-
EMERGENCY MEDICAL PRODUC Sum							897.40-
00001 EMPIRE TRUCK SALES(JACKS	RE012030760:	00175129	17004356	REPRS U#17899 TORNADO 2017	04/13/18	263372	12,092.91-
EMPIRE TRUCK SALES(JACKS Sum							12,092.91-
00001 EXPRESS SHUTTLE SERVICE	12034	00177991	17004286	YTH CNCL 3/21 LEG TOUR JKSN	04/13/18	263373	1,100.00-
EXPRESS SHUTTLE SERVICE Sum							1,100.00-
00001 F B I NATIONAL ACADEMY A	2018 DUES 31	00178357	17004260	2018 DUES MAJOR SIMS	04/13/18	263374	110.00-
F B I NATIONAL ACADEMY A Sum							110.00-
00001 FERGUSON ENTERPRISES INC	7702001	00178014	17004276	PLUMB SUPP YOUTH ART MUSEUM	04/13/18	263375	42.21-
00001 FERGUSON ENTERPRISES INC	7721433	00178174	17004402	PLUMB SUPP YOUTH ART CNTR	04/13/18	263375	598.91-
FERGUSON ENTERPRISES INC Sum							641.12-
00001 FLEET SAFETY EQUIPMENT I	167998	00177327	17004485	REPLACE LIGHTS DETECTVS UNTS	04/13/18	263378	4,468.00-
FLEET SAFETY EQUIPMENT I Sum							4,468.00-
00001 FORESTRY SUPPLIERS INC	327492-00	00178228	17004333	SAFETY SUPP CEM TREE CREW	04/13/18	263379	445.44-
FORESTRY SUPPLIERS INC Sum							445.44-
00001 FORREST GENERAL HOSPITAL	H90086335702	00178465	17004344	POST ACCIDENT DRUG SCREEN	04/13/18	263380	37.00-
FORREST GENERAL HOSPITAL Sum							37.00-

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Sum							37.00-
00001 FORREST GENERAL HOSPITAL	EAP CHARGE 4	00178342	17004252	EAP CHARGE 4/18	04/13/18	263381	1,785.00-
FORREST GENERAL HOSPITAL							1,785.00-
Sum							123.00-
00001 FRAZIER, NKRUMAH	TRAV ADVANCE	00178406	17004300	TRAV ADV WASTE/RECYCLE CONF	04/13/18	263382	123.00-
FRAZIER, NKRUMAH							123.00-
Sum							123.00-
00001 FUELMAN OF MS	BG127044 NP5	00178380	17004262	FUEL CHG 3/24/18 MOONEY FIRE	04/13/18	263383	47.61-
00001 FUELMAN OF MS	BG127044 NP5	00178435	17004289	FUEL CHGS 3/19-25/18 POLICE	04/13/18	263383	35.17-
00001 FUELMAN OF MS	BG127044 NP5	00178456	17004349	FUEL CHG 3/24/18 HILL EEOC MT	04/13/18	263383	31.85-
00001 FUELMAN OF MS	BG127044 NP5	00178541	17004415	FUEL CHG 3/19/18 GUTHRIE PLNN	04/13/18	263383	37.65-
00001 FUELMAN OF MS	BG127044 NP5	00178603	17004469	FUEL CHGS 3/29-30 MOONEY/FIRE	04/13/18	263383	111.69-
FUELMAN OF MS							263.97-
Sum							263.97-
00001 FV RECYCLING	2018-0750	00178312	17004222	RECYCLE FEES 3/18 SANIT	04/13/18	263384	46.00-
00001 FV RECYCLING	2018-1145	00178312	17004223	RECYCLE FEES 3/18 SANIT	04/13/18	263384	74.25-
00001 FV RECYCLING	2018-1138	00178312	17004224	RECYCLE FEES 3/18 SANIT	04/13/18	263384	21.25-
00001 FV RECYCLING	2018-1147	00178312	17004225	RECYCLE FEES 3/18 SANIT	04/13/18	263384	16.75-
00001 FV RECYCLING	2018-1156	00178312	17004226	RECYCLE FEES 3/18 SANIT	04/13/18	263384	10.25-
00001 FV RECYCLING	2018-1194	00178535	17004427	RECYCLE FEES 3/18 SANIT	04/13/18	263384	43.25-
00001 FV RECYCLING	2018-1193	00178535	17004428	RECYCLE FEES 3/18 SANIT	04/13/18	263384	49.50-
00001 FV RECYCLING	2018-142008	00178535	17004429	RECYCLE FEES 3/18 SANIT	04/13/18	263384	22.50-
00001 FV RECYCLING	2018-12044	00178535	17004430	RECYCLE FEES 4/18 SANIT	04/13/18	263384	75.00-
00001 FV RECYCLING	2018-12045	00178535	17004431	RECYCLE FEES 4/18 SANIT	04/13/18	263384	47.50-
00001 FV RECYCLING	2018-12046	00178535	17004432	RECYCLE FEES 4/18 SANIT	04/13/18	263384	45.25-
FV RECYCLING							451.50-
Sum							451.50-
00001 GARNER LUMLEY ELECTRIC S	547457	00178066	17004219	ELEC SUPP CONSTR DEPT	04/13/18	263385	101.98-
00001 GARNER LUMLEY ELECTRIC S	547552	00178159	17004220	ELEC SUPP NEW D/T LIGHTS	04/13/18	263385	105.65-
00001 GARNER LUMLEY ELECTRIC S	547337	00177923	17004228	ELEC SUPP CEM LIGHT POLE	04/13/18	263385	557.41-
00001 GARNER LUMLEY ELECTRIC S	547626	00177913	17004447	ELEC SUPP #2 FIRE STA LIGHTS	04/13/18	263385	253.86-
GARNER LUMLEY ELECTRIC S							1,018.90-
Sum							1,018.90-
00001 GEORGE, JEFFERY	TRAV ADVANCE	00178472	17004337	TRAV ADV MML CONF BILOXI	04/13/18	263387	250.00-
GEORGE, JEFFERY							250.00-
Sum							250.00-
00001 GILLILANDS ELECTRONICS S	66285	00178401	17004285	MNTHLY PHONE RENT MUN COURT	04/13/18	263389	261.99-
00001 GILLILANDS ELECTRONICS S	66332	00178283	17004389	DVR T DEPOT SECURITY CAMERA	04/13/18	263389	1,275.00-
00001 GILLILANDS ELECTRONICS S	66359	00178587	17004471	PHONE LINE REPR FIRE ADM	04/13/18	263389	75.00-
GILLILANDS ELECTRONICS S							1,611.99-
Sum							1,611.99-
00001 GLADDEN LAW OFFICE PLLC	0177	00178305	17004201	SRVS PLAN/ZONE/CODE ISSUES	04/13/18	263390	2,391.25-

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GLADDEN LAW OFFICE PLLC							
Sum							2,391.25-
00001 H'BURG CLINIC PA (PRISON	962365181827	00178523	17004380	SERV 2/28/18 GALES PRISONER	04/13/18	263395	1,631.00-
00001 H'BURG CLINIC PA (PRISON	1107748000	P 00178523	17004381	SERV 3/2/18 PEYTON PRISONER	04/13/18	263395	90.00-
00001 H'BURG CLINIC PA (PRISON	1107936740	P 00178523	17004382	SERV 3/3/18 PEYTON PRISONER	04/13/18	263395	240.00-
00001 H'BURG CLINIC PA (PRISON	1107747990	P 00178523	17004383	SERV 3/4/18 PEYTON PRISONER	04/13/18	263395	60.00-
00001 H'BURG CLINIC PA (PRISON	1107936730	P 00178523	17004384	SERV 3/4/18 PEYTON PRISONER	04/13/18	263395	248.00-
00001 H'BURG CLINIC PA (PRISON	1107748000	P 00178523	17004386	SERV 3/2/18 PEYTON PRISONER	04/13/18	263395	90.00-
H'BURG CLINIC PA (PRISON							
Sum							2,359.00-
00001 H'BURG COCA COLA BOTTL IN	10972224105	00178056	17004199	BOTTLED WTR COUNCIL MEETINGS	04/13/18	263396	71.00-
00001 H'BURG COCA COLA BOTTL IN	10972224018	00178085	17004555	BOTTLED WATER MAYOR'S OFFICE	04/13/18	263396	71.00-
H'BURG COCA COLA BOTTL IN							
Sum							142.00-
00001 HATTIESBURG HYDRAULICS I	73376	00178223	17004230	REPR PTS U#16010 CEMETERY	04/13/18	263399	149.21-
00001 HATTIESBURG HYDRAULICS I	72842	00177003	17004403	REPR PTS U#19755 SANIT	04/13/18	263399	127.79-
00001 HATTIESBURG HYDRAULICS I	73284	00178104	17004404	REPR PTS U#14408 SANIT	04/13/18	263399	73.37-
00001 HATTIESBURG HYDRAULICS I	73519	00178452	17004494	REPR PTS U#20067 STREET	04/13/18	263399	101.52-
HATTIESBURG HYDRAULICS I							
Sum							451.89-
00001 HICKS LAW FIRM, LLC	8563	00178510	17004368	SRVS CITY HBRG GENERAL FILE	04/13/18	263402	1,600.00-
00001 HICKS LAW FIRM, LLC	8564	00178510	17004369	SRVS SALIBA/PIERCE VS CITY	04/13/18	263402	1,760.00-
HICKS LAW FIRM, LLC							
Sum							3,360.00-
00001 HUB CITY SPOKES	81498	00178655	17004530	CITY WIDE ADS AND NOTICES	04/13/18	263406	246.60-
HUB CITY SPOKES							
Sum							246.60-
00001 HUGHES SUPPLY	S152503672.0	00178186	17004299	A/C FILTERS/GRILLE PUB WORKS	04/13/18	263407	44.86-
00001 HUGHES SUPPLY	S152493915.0	00178155	17004305	A/C SUPP SANIT DEPT	04/13/18	263407	53.55-
HUGHES SUPPLY							
Sum							98.41-
00001 INDOFF INC	3085847	00178127	17004281	PRINTER INK CEMETERY	04/13/18	263408	71.96-
INDOFF INC							
Sum							71.96-
00001 INTL CODE COUNCIL (DUES	3188351 MBR#	00178289	17004217	MRSH P DUES	04/13/18	263411	135.00-
INTL CODE COUNCIL (DUES							
Sum							135.00-
00001 IRBY, STUART C CO	S010553191.0	00176087	17004391	AIR COMPRESSOR REPR PARTS	04/13/18	263412	595.98-

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IRBY, STUART C CO Sum							
00001 J M H GRAPHICS	13579	00178396	17004560	T SHIRTS EARTH DAY 4/19/18	04/13/18	263413	1,280.20-
J M H GRAPHICS Sum							1,280.20-
00001 J. D. POWER	000671513	00178670	17004531	NADA CAR GUIDE RISK MGMT	04/13/18	263414	125.00-
J. D. POWER Sum							125.00-
00001 LANCASTER'S MACHINE & WE	23496	00178299	17004270	MODIFY BRACKET U#20067	04/13/18	263426	450.00-
00001 LANCASTER'S MACHINE & WE	23495	00178299	17004271	REPR SAFETY LATCH U#18907	04/13/18	263426	120.00-
LANCASTER'S MACHINE & WE Sum							570.00-
00001 LARRY'S WRECKER SERVICE	4510	00178433	17004293	TOWING U#18323 POLICE	04/13/18	263427	55.00-
00001 LARRY'S WRECKER SERVICE	4486	00178433	17004294	TOWING RED TOYOTA CAMRY	04/13/18	263427	55.00-
00001 LARRY'S WRECKER SERVICE	4507	00178433	17004295	TOWING FORD CROWN VIC	04/13/18	263427	55.00-
00001 LARRY'S WRECKER SERVICE	4384	00178433	17004296	TOWING BUICK LACROSSE	04/13/18	263427	55.00-
LARRY'S WRECKER SERVICE Sum							220.00-
00001 LIGHTSEY & ASSOCIATES	500	00178397	17004288	LAND APPRAISAL FEE	04/13/18	263428	450.00-
LIGHTSEY & ASSOCIATES Sum							450.00-
00001 LINEBARGER GOGGAN BLAIR	1/17/2018	02018466	17004240	POLICE FINES COLL.FEE	04/13/18	263430	45.89-
00001 LINEBARGER GOGGAN BLAIR	3/15/2018	02018467	17004241	POLICE FINES COLL.FEE	04/13/18	263430	3,401.94-
00001 LINEBARGER GOGGAN BLAIR	3/30/2018	02018482	17004481	POLICE FINES COLL.FEE	04/13/18	263430	1,355.34-
LINEBARGER GOGGAN BLAIR Sum							4,803.17-
00001 LOWE'S OF HATTIESBURG IN	974499	00178000	17004319	TOOLS/BATTERIES TRAIN DEPOT	04/13/18	263432	482.54-
00001 LOWE'S OF HATTIESBURG IN	936482	00177732	17004322	JANIT SUPP #8 FIRE STA	04/13/18	263432	87.24-
00001 LOWE'S OF HATTIESBURG IN	936748	00178117	17004325	BANDSAW BLADES TRAFIC DEPT	04/13/18	263432	180.30-
00001 LOWE'S OF HATTIESBURG IN	967501	00177624	17004329	FLASHLIGHTS/PUSH BROOMS	04/13/18	263432	391.04-
00001 LOWE'S OF HATTIESBURG IN	953579	00178002	17004330	BATTERIES/HAND TOOLS CONSTR	04/13/18	263432	319.30-
LOWE'S OF HATTIESBURG IN Sum							1,460.42-
00001 LUU, LISA	TRAV ADVANCE	00178470	17004338	TRAV ADV MML CONF BILOXI	04/13/18	263434	825.00-
LUU, LISA Sum							825.00-
00001 MCCi LLC	00013319	00178478	17004341	LASERFICHE MAINT 4/18-4/19	04/13/18	263436	17,437.10-
MCCi LLC Sum							17,437.10-

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00001 MCCLAIN, JACQULINE Sum	TRAV ADVANCE	00178407	17004301	TRAV ADV WASTE/RECYCLE CONF	04/13/18	263437	123.00-
00001 MCCOY'S TRIM SHOP Sum	736916	00175723	17004273	REPRS U#14676 SHOP	04/13/18	263438	123.00- 250.00-
00001 MCELHANEY PLUMBING INC Sum	266662	00175047	17004205	PLUMB SUPP POLICE DEPT	04/13/18	263439	250.00- 33.89-
00001 MCLEMORE, BRANDON Sum	METRO EVIDEN	00178671	17004539	METRO EVIDENCE BUY MONEY	04/13/18	263440	33.89- 5,000.00-
00001 MCMULLAN EQUIPMENT CO 00001 MCMULLAN EQUIPMENT CO 00001 MCMULLAN EQUIPMENT CO 00001 MCMULLAN EQUIPMENT CO Sum	174962P 174963P 174644P 381925	00177959 00177959 00177632 00177741	17004392 17004393 17004394 17004395	REPR PTS U#18323 POLICE REPR PTS U#17577 POLICE REPR PTS U#17577 POLICE REPRS U#17897 POLICE	04/13/18 04/13/18 04/13/18 04/13/18	263441 263441 263441 263441	136.50- 136.50- 125.25- 2,786.39- 3,184.64-
00001 MCSWAIN, PHILLIP Sum	TRAVEL REIMB	00178515	17004371	EXPNS CRT VISIT/MEET GEORGIA	04/13/18	263442	240.34- 240.34-
00001 METRO CRIMESTOPPERS INC Sum	CITY COURT C	02018464	17004235	CITY COURT COST 3/18	04/02/18	112638	1.041.24- 1.041.24-
00001 MID SOUTH GLASS INC Sum	0045015	00178065	17004401	WINDOW PANES YOUTH ART CNTR	04/13/18	263443	1,050.00- 1,050.00-
00001 MID SOUTH UNIFORM & SUPP Sum	574918	00174808	17004390	BODY ARMOR VESTS VARI POLICE	04/13/18	263444	15,637.60- 15,637.60-
00001 MOLLY MAID Sum	SERVS 4/18 H	00178387	17004309	SERVS 4/18 HIGHLAND CEMETERY	04/13/18	263446	15,637.60- 245.00-
00001 MOORE, RYAN Sum	TRAV ADVANCE	00178635	17004538	TRAV ADV INFO OFFICER TRNG	04/13/18	263447	245.00- 685.00- 685.00-

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00001 MOTOROLA CUSTOMER CONNEC Sum	13209549	00174824	17004445	DIVIDERS FOR RADIOS POLICE	04/13/18	263448	578.00-
00001 MS ASSN OF CHIEFS OF POL 00001 MS ASSN OF CHIEFS OF POL MS ASSN OF CHIEFS OF POL Sum	REG PARKER 6 REG SEALY 6/ REG SEALY 6/ Sum	00178291 00178291 00178291	17004208 17004209 17004209	REG PARKER CONF BILOXI REG SEALY CONF BILOXI REG SEALY CONF BILOXI	04/13/18 04/13/18 04/13/18	263449 263449 263449	325.00- 325.00- 325.00-
00001 MS DEPT OF PUBLIC SFTY/C Sum	3/2018	02018463	17004234	3/18	04/02/18	112637	1,080.30-
00001 MS EMBROIDERY COMPANY Sum	E 13874	00177631	17004254	POLO SHIRTS PIO/RYAN MOORE	04/13/18	263450	147.28-
00001 MS GRASS NURSERY 00001 MS GRASS NURSERY MS GRASS NURSERY Sum	29362 29373 Sum	00178377 00178377	17004406 17004407	GRASS SOD CEMETERIES GRASS SOD CEMETERIES	04/13/18 04/13/18	263451 263451	260.00- 260.00-
00001 MS MUNICIPAL WORKERS' CO Sum	9226	00178494	17004366	ADDL PREMIUM AFTER YRLY AUDIT	04/13/18	263453	56,879.00-
00001 MS POWER COMPANY Sum	4/18 GENERAL	00201813	17004527	MONTHLY ELEC-GENERAL	04/13/18	263454	8,136.18-
00001 MS RECYCLING COALITION 00001 MS RECYCLING COALITION MS RECYCLING COALITION Sum	REG FRAZIER REG MCCLAIN Sum	00178400 00178400	17004302 17004303	REG FRAZIER CONF BAY ST LOUIS REG MCCLAIN CONF BAY ST LOUIS	04/13/18 04/13/18	263455 263455	250.00- 250.00-
00001 MS STATE DEVELOPMENT AUT Sum	GRANT#R-103-	02018472	17004355	HCL LEVERAGE LENDER LLC	04/05/18	112643	10,117.67-
00001 MS STATE/TREASURER/FINAN Sum	FINE COLLECT	02018462	17004233	FINE COLLECTIONS 3/18	04/02/18	112636	54,633.12-
00001 MUTEH, INC Sum	REG TOWNSEND	00178650	17004533	REG TOWNSEND REHOUSING CONF	04/13/18	263456	54,633.12-
MUTEH, INC Sum							99.00-

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00001 NATL ORG OF BLACK LAW EN	REG NORRIS 7	00178632	17004542	REG NORRIS NOBLE TRNG CONF	04/13/18	263458	625.00-
NATL ORG OF BLACK LAW EN							
Sum							625.00-
00001 NATL RIFLE ASSN (LEAD)	131405250 JO	00176410	17004486	CERTIF RNWL LT C JOHNSON	04/13/18	263459	50.00-
NATL RIFLE ASSN (LEAD)							
Sum							50.00-
00001 NEWELL PAPER COMPANY	4024043	00178077	17004246	HAND SOAP ACCTG/PURCH DEPTS	04/13/18	263462	68.89-
00001 NEWELL PAPER COMPANY	4024117	00177995	17004250	REPR TENNANT T7 MACH T DEPOT	04/13/18	263462	154.00-
00001 NEWELL PAPER COMPANY	4024053	00178130	17004266	PAPER TOWELS PUBLIC WORKS	04/13/18	263462	327.70-
NEWELL PAPER COMPANY							
Sum							550.59-
00001 NORRIS, LATONYA	TRAV ADVANCE	00178631	17004537	TRAV ADV NOBLE TRNG CONF	04/13/18	263463	1,341.00-
NORRIS, LATONYA							
Sum							1,341.00-
00001 OFFICE DEPOT INC	104452083001	00176351	17004236	OFFICE SUPP MUN COURT	04/13/18	263465	48.44-
00001 OFFICE DEPOT INC	968658273001	00173798	17004237	SCANNER PLANNING DEPT	04/13/18	263465	220.79-
00001 OFFICE DEPOT INC	949155629001	00172174	17004335	CHAIRS POLICE DISPATCH OFFICE	04/13/18	263465	79.99-
00001 OFFICE DEPOT INC	2174888140	00178309	17004443	PRINTER SUPP INFO TECH	04/13/18	263465	1,234.12-
00001 OFFICE DEPOT INC	2170830944 &	00178010	17004446	LABELS FOR EVIDENCE	04/13/18	263465	191.99-
00001 OFFICE DEPOT INC	120253916001	00178225	17004556	PRINTER MPO DIV	04/13/18	263465	137.49-
OFFICE DEPOT INC							
Sum							1,912.82-
00001 OFFICE PRODUCTS PLUS	825743-0	00178277	17004247	OFFICE SUPP PLANNING DIV	04/13/18	263466	182.37-
00001 OFFICE PRODUCTS PLUS	826433-0	00178423	17004464	JANIT SUPP MUN COURT	04/13/18	263466	481.29-
00001 OFFICE PRODUCTS PLUS	826328-0	00178384	17004482	OFFICE SUPP MUN COURT	04/13/18	263466	795.35-
00001 OFFICE PRODUCTS PLUS	826328-1	00178384	17004483	OFFICE SUPP MUN COURT	04/13/18	263466	122.29-
00001 OFFICE PRODUCTS PLUS	826480-0	00178448	17004557	JANIT/OFFICE SUPP FIRE ADM	04/13/18	263466	158.24-
OFFICE PRODUCTS PLUS							
Sum							1,739.54-
00001 ONE STOP SHOP EVENT PLAN	0139	00178459	17004339	LUNCHEON 5/3 TAX PREPARERS	04/13/18	263467	508.30-
ONE STOP SHOP EVENT PLAN							
Sum							508.30-
00001 OWENS BUSINESS MACHINES	351038	00178307	17004227	PRINTER SUPP ANIMAL CONTROL	04/13/18	263468	114.00-
00001 OWENS BUSINESS MACHINES	352493	00178345	17004274	FAX TONER P/W SHOP	04/13/18	263468	198.00-
00001 OWENS BUSINESS MACHINES	351099	00178543	17004413	COPIER 3/18 M/ADM	04/13/18	263468	50.92-
00001 OWENS BUSINESS MACHINES	351098	00178543	17004414	COPIER 4/18 M/ADM	04/13/18	263468	81.64-
OWENS BUSINESS MACHINES							
Sum							444.56-
00001 PARISH TRACTOR	01-53305	00176525	17004503	REPRS U#15516 STREET	04/13/18	263469	4,235.65-
PARISH TRACTOR							

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Sum							4,235.65-
00001 PARKER, ANTHONY	TRAV ADVANCE	00178294	17004207	TRAV ADV CHIEFS CONF BILOXI	04/13/18	263470	702.00-
PARKER, ANTHONY							702.00-
Sum							702.00-
00001 PEARL RIVER VALLEY EPA (	4/18 GENERAL	00201813	17004528	MONTHLY 4/18 PUBLIC SERVICES	04/13/18	263472	5,086.61-
PEARL RIVER VALLEY EPA (							5,086.61-
Sum							5,086.61-
00001 PEARL TO LEAF RIVER RAIL	ANNUAL CONTR	00178481	17004354	ANNUAL CONTRIBUTION	04/13/18	263473	111,920.00-
PEARL TO LEAF RIVER RAIL							111,920.00-
Sum							111,920.00-
00001 PERFORMANCE RESCUE		520	00178110	17004263 PREV MAINT ON RESCUE TOOLS	04/13/18	263475	1,750.00-
PERFORMANCE RESCUE							1,750.00-
Sum							1,750.00-
00001 PHILLIPS CAR CARE CENTER	01918	00178260	17004249	REPRS U#14147 PLANNING	04/13/18	263477	339.48-
PHILLIPS CAR CARE CENTER							339.48-
Sum							339.48-
00001 PINE BELT OIL COMPANY IN	10533951	00178221	17004243	GAS FOR FUEL STATION	04/13/18	263478	12,344.91-
00001 PINE BELT OIL COMPANY IN	10533931	00178221	17004244	DIESEL FOR FUEL STATION	04/13/18	263478	6,799.85-
00001 PINE BELT OIL COMPANY IN	POLICE 3/1-3	00178468	17004345	REMOTE SITE FUEL CHGS 3/18	04/13/18	263478	609.30-
00001 PINE BELT OIL COMPANY IN	FIRE 3/1-31/	00178468	17004346	REMOTE SITE FUEL CHGS 3/18	04/13/18	263478	1,383.77-
00001 PINE BELT OIL COMPANY IN	1202856	00178445	17004350	GAS CARD U#16966 PUB WORKS	04/13/18	263478	1,405.66-
00001 PINE BELT OIL COMPANY IN	10591131	00178371	17004364	GAS FOR FUEL STATION	04/13/18	263478	10,750.41-
00001 PINE BELT OIL COMPANY IN	10585311	00178371	17004365	DIESEL FOR FUEL STATION	04/13/18	263478	6,864.02-
PINE BELT OIL COMPANY IN							39,157.92-
Sum							39,157.92-
00001 PINE BELT REGIONAL SOLID	100006	3/18	00178581	17004473 REFUSE DISPOSAL 3/18 SANIT	04/13/18	263479	35,892.97-
PINE BELT REGIONAL SOLID							35,892.97-
Sum							35,892.97-
00001 PUCKETT RENTS	647240-0001	00178280	17004361	SPRAYERS PUB WORKS CREWS	04/13/18	263486	209.97-
PUCKETT RENTS							209.97-
Sum							209.97-
00001 REGIONS CARDHOLDER SERVI	7079	3/30/18	00176653	17004507 HOTEL BERNARDO MMCCA 3/7-9/18	04/13/18	263488	258.00-
00001 REGIONS CARDHOLDER SERVI	7079	3/30/18	00177304	17004508 HOTEL LIU MMCCA 3/7-9/18	04/13/18	263488	258.00-
00001 REGIONS CARDHOLDER SERVI	7079	3/30/18	00177973	17004509 HOTEL BHC SESSION 4 INDIV	04/13/18	263488	567.40-
00001 REGIONS CARDHOLDER SERVI	7079	3/30/18	00177721	17004510 MS CODE BOOKS/LEXISNEXIS	04/13/18	263488	668.00-
00001 REGIONS CARDHOLDER SERVI	7079	3/30/18	00176970	17004511 EXPNS EATON MUN CLK CNF 3/7-9	04/13/18	263488	319.71-
00001 REGIONS CARDHOLDER SERVI	7079	3/30/18	00176771	17004512 FACEBOOK AD PYMT 3/18	04/13/18	263488	126.92-
00001 REGIONS CARDHOLDER SERVI	7079	3/30/18	00178090	17004513 ADMISSIONS CIVIL RIGHTS MSEMUM	04/13/18	263488	81.00-
00001 REGIONS CARDHOLDER SERVI	7079	3/30/18	00178190	17004514 ASSET KEEPER SOFTWARE RNWL	04/13/18	263488	325.00-
00001 REGIONS CARDHOLDER SERVI	7079	3/30/18	00176391	17004515 HOTEL TOWNSEND HOUSING CNF	04/13/18	263488	120.96-

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00001 REGIONS CARDHOLDER SERVI	7079 3/30/18	00177689	17004516	IPAD COVERS FROM AMAZON	04/13/18	263488	80.10-
00001 REGIONS CARDHOLDER SERVI	7079 3/30/18	00177747	17004517	CLOTH ALLOW DET ROCKHOLD	04/13/18	263488	219.98-
00001 REGIONS CARDHOLDER SERVI	7079 3/30/18	00177773	17004518	CLOTH ALLOW DET BICE	04/13/18	263488	345.87-
00001 REGIONS CARDHOLDER SERVI	7079 3/30/18	00178293	17004519	CLOTH ALLOW ROBINSON POLICE	04/13/18	263488	488.82-
00001 REGIONS CARDHOLDER SERVI	7079 3/30/18	00177893	17004520	REG BREWTON C115 TRNG 7/10-12	04/13/18	263488	255.00-
00001 REGIONS CARDHOLDER SERVI	7079 3/30/18	00178266	17004521	ICC 2018 CODE CHANGES BOOKS	04/13/18	263488	725.30-
00001 REGIONS CARDHOLDER SERVI	7079 3/30/18	00177936	17004522	SAFETY VESTS BIG EVENT 3/24	04/13/18	263488	619.98-
REGIONS CARDHOLDER SERVI	Sum						5,460.04-
00001 RICOH CORP	5052892840 G	00178336	17004245	PRODUCTION PRINTER CHARGES	04/13/18	263489	184.67-
00001 RICOH CORP	5052977694	00178538	17004420	COPIER 3/18 LAND CODE	04/13/18	263489	186.24-
00001 RICOH CORP	5052977195	00178595	17004468	MNTLY OVERAGES 3/18 H RES	04/13/18	263489	46.58-
RICOH CORP	Sum						417.49-
00001 RJ YOUNG COMPANY	INV2386104	00178474	17004343	GIS PLOTTER 2/17-3/16/18 MPO	04/13/18	263490	128.00-
00001 RJ YOUNG COMPANY	INV2400949	00178518	17004374	COPIER 2/24-3/23 POLICE ADM	04/13/18	263490	253.00-
00001 RJ YOUNG COMPANY	INV2398339	00178548	17004418	COPIER 2/28-3/27 P/F ACADEMY	04/13/18	263490	236.00-
00001 RJ YOUNG COMPANY	INV2398340	00178583	17004470	COPIER 2/28-3/27 FIRE DEPT	04/13/18	263490	194.00-
RJ YOUNG COMPANY	Sum						811.00-
00001 ROAD SAFE	75360	00177937	17004265	SUPER CONES TRAFFIC DEPT	04/13/18	263493	3,625.50-
ROAD SAFE	Sum						3,625.50-
00001 RODCO, LLC	1442	00178550	17004419	BUILDING PLAN REVIEWS LDC	04/13/18	263494	1,893.55-
RODCO, LLC	Sum						1,893.55-
00001 ROGERS, KEVIN	TITLE OPINIO	00178361	17004264	TITLE OPINIONS LAND CODE	04/13/18	263495	400.00-
ROGERS, KEVIN	Sum						400.00-
00001 ROTO-ROOTER	HACB21006	00178443	17004291	CLEAN DRAIN DISPATCH OFFICE	04/13/18	263496	198.50-
ROTO-ROOTER	Sum						198.50-
00001 SACKS OUTDOOR SUPPLY	RC1000113837	00178369	17004255	CLOTH ALLOW DET.DANIELS	04/13/18	263497	459.91-
00001 SACKS OUTDOOR SUPPLY	RC1000113786	00178316	17004256	CLOTH ALLOW DET.BICE	04/13/18	263497	114.98-
00001 SACKS OUTDOOR SUPPLY	RC1000114011	00178599	17004498	CLOTH ALLOW HOLLI MAN POLICE	04/13/18	263497	134.00-
SACKS OUTDOOR SUPPLY	Sum						708.89-
00001 SANSOM EQUIPMENT CO	54037	00178029	17004279	REPR PTS U#20074 SANIT	04/13/18	263498	337.54-
00001 SANSOM EQUIPMENT CO	54011	00178272	17004280	DOOR REPR U#20070 SANIT	04/13/18	263498	452.50-
00001 SANSOM EQUIPMENT CO	54077	00178367	17004399	REPR PTS U#20067	04/13/18	263498	104.04-

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SANSOM EQUIPMENT CO Sum							894.08-
00001 SCALES BIOLOGICAL LABORA	7655	00178672	17004535	DNA ANALYSIS SERVS POLICE	04/13/18	263499	11,250.00-
SCALES BIOLOGICAL LABORA Sum							11,250.00-
00001 SCOTTS HYDRAULIC SERVICE	32731	00178394	17004332	REPRS U#20091 SANIT	04/13/18	263501	685.20-
00001 SCOTTS HYDRAULIC SERVICE	32774	00178343	17004497	REPRS U#15893 SANIT	04/13/18	263501	2,905.66-
SCOTTS HYDRAULIC SERVICE Sum							3,590.86-
00001 SHERWIN-WILLIAMS COMPANY	2883-6	00178106	17004558	PAINT MACHINE PUMP TRAFFIC	04/13/18	263502	624.75-
SHERWIN-WILLIAMS COMPANY Sum							624.75-
00001 SHOWS DEARMAN & WAITS	20194	00178578	17004410	SRV 3/18 ROSEBERRY PROP DONAT	04/13/18	263504	3,400.00-
00001 SHOWS DEARMAN & WAITS	20193	00178579	17004411	SRV 3/18 POLK PROP ACQUISITN	04/13/18	263504	3,400.00-
00001 SHOWS DEARMAN & WAITS	20166	00178580	17004412	SRV 2/25-3/24 TURTLE CRK ANXT	04/13/18	263504	3,360.00-
00001 SHOWS DEARMAN & WAITS	20187	00178568	17004421	SRV 2/25-3/24 EPA RESPONSE	04/13/18	263504	1,575.00-
SHOWS DEARMAN & WAITS IN Sum							11,735.00-
00001 SIRCHIE FINGER PRINT LAB	0342394-IN	00178416	17004292	FREIGHT CHARGE PO#178067	04/13/18	263505	42.40-
SIRCHIE FINGER PRINT LAB Sum							42.40-
00001 SOLAR SUPPLY INC	3401027	00178308	17004200	A/C REPR MUN COURT BLDG	04/13/18	263507	702.41-
00001 SOLAR SUPPLY INC	3401015	00178301	17004221	A/C SUPP SANIT DEPT	04/13/18	263507	64.86-
00001 SOLAR SUPPLY INC	3401110	00178095	17004320	A/C FILTERS POLICE BLDG	04/13/18	263507	416.16-
00001 SOLAR SUPPLY INC	3401102	00178324	17004387	A/C REPR PTS MUN COURT BLDG	04/13/18	263507	41.66-
00001 SOLAR SUPPLY INC	3401333	00178485	17004500	A/C MAINT SUPP FIRE ADM	04/13/18	263507	182.83-
00001 SOLAR SUPPLY INC	3401377	00177910	17004559	A/C SUPP SANIT ADM SIDE	04/13/18	263507	988.00-
SOLAR SUPPLY INC Sum							2,395.92-
00001 SOUTH MS EMERGENCY PHYSI	SHMO34380170	00178524	17004385	SERV 1/13/18 YOUNG PRISONER	04/13/18	263508	931.00-
SOUTH MS EMERGENCY PHYSI Sum							931.00-
00001 SOUTHEASTERN CONCRETE	CO 30018	00175409	17004504	CONCRETE PO#175385 #2 FIRE STA	04/13/18	263510	410.00-
00001 SOUTHEASTERN CONCRETE	CO 29818	00175601	17004564	CONCRETE CITY WIDE USE	04/13/18	263510	820.00-
00001 SOUTHEASTERN CONCRETE	CO 29858	00175601	17004565	CONCRETE CITY WIDE USE	04/13/18	263510	307.50-
00001 SOUTHEASTERN CONCRETE	CO 30963	00175601	17004566	CONCRETE CITY WIDE USE	04/13/18	263510	307.50-
00001 SOUTHEASTERN CONCRETE	CO 30964	00175601	17004567	CONCRETE CITY WIDE USE	04/13/18	263510	1,640.00-
00001 SOUTHEASTERN CONCRETE	CO 30965	00175601	17004568	CONCRETE CITY WIDE USE	04/13/18	263510	1,717.50-
00001 SOUTHEASTERN CONCRETE	CO 30966	00175601	17004569	CONCRETE CITY WIDE USE	04/13/18	263510	820.00-
00001 SOUTHEASTERN CONCRETE	CO 30967	00175601	17004570	CONCRETE CITY WIDE USE	04/13/18	263510	410.00-
00001 SOUTHEASTERN CONCRETE	CO 30968	00175601	17004571	CONCRETE CITY WIDE USE	04/13/18	263510	410.00-
00001 SOUTHEASTERN CONCRETE	CO 30969	00175601	17004572	CONCRETE CITY WIDE USE	04/13/18	263510	820.00-

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SOUTHEASTERN CONCRETE CO	00001 SOUTHEASTERN CONCRETE CO 30970	00175601	17004573	CONCRETE CITY WIDE USE	04/13/18	263510	307.50-
Sum	00001 SOUTHEASTERN CONCRETE CO 30971	00175601	17004574	CONCRETE CITY WIDE USE	04/13/18	263510	307.50-
SOUTHEASTERN CONCRETE CO	Sum						7,277.50-
SOUTHERN FINANCIAL SYSTE	00001 SOUTHERN FINANCIAL SYSTE CMCHAT2 3/16	02018487	17004523	POLICE FINES COLL.FEE	04/13/18	263511	9.38-
Sum	00001 SOUTHERN FINANCIAL SYSTE CMCHAT3 3/16	02018488	17004524	POLICE FINES COLL.FEE	04/13/18	263511	2,540.03-
SOUTHERN FINANCIAL SYSTE	Sum						2,549.41-
SOUTHERN FIRE & SPRINKLE	00001 SOUTHERN FIRE & SPRINKLE 09-10883	00177495	17004251	SPRINKLER INSPECT TRAIN DEPOT	04/13/18	263512	350.00-
Sum	00001 SOUTHERN FIRE & SPRINKLE 09-10929	00177994	17004388	SPRINKLER SYS REPR T DEPOT	04/13/18	263512	560.00-
SOUTHERN FIRE & SPRINKLE	Sum						910.00-
SOUTHERN PIPE & SUPPLY C	00001 SOUTHERN PIPE & SUPPLY C 1692447-00	00177814	17004487	WTR HEATER MAINT SUPP	04/13/18	263514	351.39-
SOUTHERN PIPE & SUPPLY C	Sum						351.39-
SPIRE ENERGY	00001 SPIRE ENERGY 4/18 GENERAL	00201813	17004529	MNTHLY 4/18 PUBLIC SERVICES	04/13/18	263517	2,267.04-
SPIRE ENERGY	Sum						2,267.04-
STANDARD OFFICE SUPPLY C	00001 STANDARD OFFICE SUPPLY C 0076379-001	00178333	17004318	RECEIVER PAPER ACCTG DEPT	04/13/18	263519	109.14-
Sum	00001 STANDARD OFFICE SUPPLY C 0073977-001	00175306	17004465	OFFICE SUPP CITY CLERK	04/13/18	263519	120.98-
STANDARD OFFICE SUPPLY C	00001 STANDARD OFFICE SUPPLY C 0074178-001	00175306	17004466	OFFICE SUPP CITY CLERK	04/13/18	263519	17.49-
STANDARD OFFICE SUPPLY C	00001 STANDARD OFFICE SUPPLY C 0074388-001	00175829	17004474	OFFICE SUPP PARKING DIV	04/13/18	263519	117.70-
STANDARD OFFICE SUPPLY C	00001 STANDARD OFFICE SUPPLY C 0074734-001	00175306	17004475	OFFICE SUPP CITY CLERK	04/13/18	263519	14.99-
STANDARD OFFICE SUPPLY C	00001 STANDARD OFFICE SUPPLY C 0074449-001	00175829	17004476	OFFICE SUPP PARKING DIV	04/13/18	263519	37.98-
STANDARD OFFICE SUPPLY C	00001 STANDARD OFFICE SUPPLY C 0075653-001	00177070	17004477	OFFICE SUPP RISK MGMT	04/13/18	263519	62.16-
STANDARD OFFICE SUPPLY C	00001 STANDARD OFFICE SUPPLY C 0076099-001	00177070	17004478	OFFICE SUPP RISK MGMT	04/13/18	263519	62.16-
STANDARD OFFICE SUPPLY C	00001 STANDARD OFFICE SUPPLY C 0075579-001	00177070	17004479	CREDIT	04/13/18	263519	95.76-
STANDARD OFFICE SUPPLY C	00001 STANDARD OFFICE SUPPLY C 0069081-001	00169352	17004480	OFFICE SUPP TAX DIV	04/13/18	263519	130.97-
STANDARD OFFICE SUPPLY C	Sum						577.81-
STATE FIRE ACADEMY	00001 STATE FIRE ACADEMY 26029 BUTLER	00178318	17004210	REG BUTLER CPAT EXAM 11/7/17	04/13/18	263521	40.00-
STATE FIRE ACADEMY	Sum						40.00-
STEGALL NOTARY SERVICE	00001 STEGALL NOTARY SERVICE NOTARY RNWL	00178488	17004340	NOTARY RNWL/SUPP COLEMAN PLNN	04/13/18	263522	150.00-
STEGALL NOTARY SERVICE	Sum						150.00-

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Sum							150.00-
00001 STEWART'S CAMERA CENTER	8911	00178295	17004204	PHOTOS FALLEN OFFICERS	04/13/18	263523	138.80-
STEWART'S CAMERA CENTER							138.80-
Sum							483.78-
00001 THYSSENKRUPP ELEVATOR CO	3003816414	00178561	17004422	4/18 MAINT PINE ST GARAGE	04/13/18	263526	483.78-
THYSSENKRUPP ELEVATOR CO							483.78-
Sum							681.75-
00001 TILLMAN, PHILLIP RAMON (	REC #2018-21	02018486	17004506	MUNICIPAL COURT REFUND	04/13/18	263527	681.75-
TILLMAN, PHILLIP RAMON (							681.75-
Sum							344.89-
00001 TOP NOTCH EMBROIDERY	278	00178477	17004347	UNIFORM POLOS LDC OFFICERS	04/13/18	263528	344.89-
TOP NOTCH EMBROIDERY							344.89-
Sum							54,166.25-
00001 TOPP MCWHORTER HARVEY, P	197153	00178589	17004463	INTERIM BILLING FY16 AUDIT	04/13/18	263529	54,166.25-
TOPP MCWHORTER HARVEY, P							54,166.25-
Sum							250.81-
00001 TOWNSEND, KIMBERLY	TRAV ADVANCE	00178653	17004532	TRAV ADV RAPID REHOUSING CONF	04/13/18	263530	250.81-
TOWNSEND, KIMBERLY							250.81-
Sum							296.41-
00001 TRUCKPRO LLC	039-0640875	00176164	17004211	REPR PTS U#13933 FIRE DEPT	04/13/18	263531	296.41-
00001 TRUCKPRO LLC	039-0641318	00176415	17004212	REPR PTS U#18100 FIRE DEPT	04/13/18	263531	68.90-
00001 TRUCKPRO LLC	039-0642132	00176781	17004213	REPR PTS U#13933 FIRE DEPT	04/13/18	263531	268.95-
00001 TRUCKPRO LLC	039-0642133	00176781	17004214	REPR PTS U#13933 FIRE DEPT	04/13/18	263531	338.35-
00001 TRUCKPRO LLC	039-0642446	00176929	17004215	REPR PTS U#13933 FIRE DEPT	04/13/18	263531	13.09-
00001 TRUCKPRO LLC	039-0642837	00176929	17004216	REPR PTS U#15064 FIRE DEPT	04/13/18	263531	196.98-
00001 TRUCKPRO LLC	039-0642401	00176929	17004231	REPR PTS FIRE DEPT	04/13/18	263531	13.09-
00001 TRUCKPRO LLC	039-0642405	00176929	17004232	CREDIT	04/13/18	263531	13.09-
00001 TRUCKPRO LLC	039-0644386	00177928	17004397	REPR PTS U#13933 FIRE DEPT	04/13/18	263531	44.09-
TRUCKPRO LLC							1,226.77-
Sum							15,000.00-
00001 U S POSTAL SERVICE POSTA	POSTAGE PO#1	00178339	17004253	POSTAGE FOR MAIL MACHINE	04/13/18	263532	15,000.00-
U S POSTAL SERVICE POSTA							15,000.00-
Sum							653.23-
00001 UNDERWOOD OUTDOOR POWER,	53888	00177690	17004499	MECHANIC TOOLS FIRE DEPT	04/13/18	263533	653.23-
UNDERWOOD OUTDOOR POWER,							653.23-
Sum							1,394.00-
00001 UNITED FENCE COMPANY	00018893	00177962	17004409	REPLACE DAMAGED GATE DISPATCH	04/13/18	263534	1,394.00-

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UNITED FENCE COMPANY							
Sum							1,394.00-
00001 UNIVERSITY TIRE & SERVIC	522795	00177545	17004359	TIRES U#18603 TRAFFIC	04/13/18	263535	668.48-
00001 UNIVERSITY TIRE & SERVIC	523404	00177545	17004363	CREDIT	04/13/18	263535	130.52
00001 UNIVERSITY TIRE & SERVIC	524051	00178182	17004400	REPR PTS U#17530	04/13/18	263535	725.28-
UNIVERSITY TIRE & SERVIC							
Sum							1,263.24-
00001 V F W OF THE US	PARKING SPAC	00178341	17004282	PARKING SPACES 4/18	04/13/18	263536	75.00-
V F W OF THE US							
Sum							75.00-
00001 VULCAN MATERIALS CO	50409776	00178089	17004268	LIMESTONE VARI LOC	04/13/18	263539	3,362.60-
VULCAN MATERIALS CO							
Sum							3,362.60-
00001 VULCAN SIGNS	322043	00177294	17004357	TRAFFIC SIGNS CITY WIDE	04/13/18	263540	1,637.66-
00001 VULCAN SIGNS	322265	00177294	17004358	TRAFFIC SIGNS CITY WIDE	04/13/18	263540	3,429.00-
VULCAN SIGNS							
Sum							5,066.66-
00001 WAGE HOUR ASSESSMENTS AN	CH 0118-003	00178311	17004203	MONTHLY RETAINER 3/18	04/13/18	263541	500.00-
WAGE HOUR ASSESSMENTS AN							
Sum							500.00-
00001 WARD'S TRANSMISSION INC	113559	00178365	17004502	REPRS U#14697 LAND CODE	04/13/18	263543	1,264.98-
WARD'S TRANSMISSION INC							
Sum							1,264.98-
00001 WARING OIL CO (GULFPORT)	001646143	00177375	17004448	MOTOR OIL FOR SHOP	04/13/18	263544	2,734.38-
00001 WARING OIL CO (GULFPORT)	001647209	00177375	17004449	MOTOR OIL FOR SHOP	04/13/18	263544	1,830.88-
WARING OIL CO (GULFPORT)							
Sum							4,565.26-
00001 WARREN PAVING INC	8310	00177858	17004450	HOT ASPHALT STREET PATCHING	04/13/18	263546	252.97-
00001 WARREN PAVING INC	8317	00177858	17004451	HOT ASPHALT STREET PATCHING	04/13/18	263546	572.09-
00001 WARREN PAVING INC	8459	00177858	17004452	HOT ASPHALT STREET PATCHING	04/13/18	263546	504.71-
00001 WARREN PAVING INC	8467	00177858	17004453	HOT ASPHALT STREET PATCHING	04/13/18	263546	453.26-
00001 WARREN PAVING INC	8472	00177858	17004454	HOT ASPHALT STREET PATCHING	04/13/18	263546	383.43-
00001 WARREN PAVING INC	8483	00177858	17004455	HOT ASPHALT STREET PATCHING	04/13/18	263546	655.38-
00001 WARREN PAVING INC	8553	00177858	17004456	HOT ASPHALT STREET PATCHING	04/13/18	263546	585.56-
00001 WARREN PAVING INC	8587	00177858	17004457	HOT ASPHALT STREET PATCHING	04/13/18	263546	557.99-
00001 WARREN PAVING INC	8605	00177858	17004458	HOT ASPHALT STREET PATCHING	04/13/18	263546	429.36-
00001 WARREN PAVING INC	8653	00177858	17004459	HOT ASPHALT STREET PATCHING	04/13/18	263546	638.84-
00001 WARREN PAVING INC	8740	00177858	17004460	HOT ASPHALT STREET PATCHING	04/13/18	263546	361.37-
00001 WARREN PAVING INC	8836	00177858	17004461	HOT ASPHALT STREET PATCHING	04/13/18	263546	374.24-
00001 WARREN PAVING INC	8840	00177858	17004462	HOT ASPHALT STREET PATCHING	04/13/18	263546	178.24-
WARREN PAVING INC							

WARREN PAVING INC

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Sum							5,947.44-
00001 WATERS INTERNATIONAL TRU	08P851245	00178513	17004495	REPR PTS U#14402 STREET	04/13/18	263549	316.98-
00001 WATERS INTERNATIONAL TRU	08P852048	00178542	17004496	REPR PTS U#16009 STREET	04/13/18	263549	258.76-
Sum							575.74-
00001 WEDGEWORTH DEVELOPMENT L	MB#2014/198-	02018473	17004310	DL RENEWAL STATION LEASE PYMT	04/13/18	263552	1,100.00-
Sum							1,100.00-
00001 98 WASTE LLC	1142	00178389	17004306	RUBBISH DISPOSAL 3/1-12/18	04/13/18	263556	9,842.00-
00001 98 WASTE LLC	1171	00178389	17004307	RUBBISH DISPOSAL 3/13-20/18	04/13/18	263556	10,129.00-
00001 98 WASTE LLC	1186	00178455	17004353	RUBBISH DISPOSAL 3/22-3/29/18	04/13/18	263556	7,149.00-
Sum							27,120.00-
98 WASTE LLC							
Sum							1,797,989.81-

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PARKS & RECREATION FUND							
00002 A & R FARM AND GARDEN	314655	00178331	17000819	CHEMICALS GRNDS MAINT	04/13/18	263290	336.00-
00002 A & R FARM AND GARDEN	314654	00178287	17000822	LOCKS/CHAINS GRNDS MAINT	04/13/18	263290	194.00-
A & R FARM AND GARDEN							530.00-
00002 AGRI-AFC LLC	5434844	00178330	17000820	WEED KILLER GRNDS MAINT	04/13/18	263295	152.00-
AGRI-AFC LLC							152.00-
00002 ANOINTED HANDS SERVICES, Sum	5505	00178388	17000833	SERVS 4/18 REC MAINT	04/13/18	263299	310.00-
ANOINTED HANDS SERVICES, Sum							310.00-
00002 B S N SPORTS	901852693	00178072	17000816	DODGE BALL SUPPLIES	04/13/18	263310	84.21-
00002 B S N SPORTS	901875615	00178071	17000828	SMART HURDLES TRACK/FLD SUPP	04/13/18	263310	776.44-
B S N SPORTS							860.65-
00002 BLUE DOLPHIN POOL	32002	00178553	17000863	MNTHLY FOUNTAIN CLEANINGS	04/13/18	263313	800.00-
BLUE DOLPHIN POOL							800.00-
00002 BRACKMAN MOWER WAREHOUSE	37009	00178329	17000826	WEEDEATER SUPP	04/13/18	263315	390.00-
00002 BRACKMAN MOWER WAREHOUSE	37196	00178502	17000859	BLADES U#20232 MOWER	04/13/18	263315	34.95-
00002 BRACKMAN MOWER WAREHOUSE	36793	00178164	17000879	REPRS U#21610 MOWER	04/13/18	263315	182.22-
00002 BRACKMAN MOWER WAREHOUSE	37167	00178461	17000880	REPR PTS U#20233 MOWER	04/13/18	263315	40.00-
BRACKMAN MOWER WAREHOUSE							647.17-
00002 BRADDOCK, ARETHA		OFFICIAL 3/2	02018480	17000865 OFFICIAL-ADULT BB/SB	04/13/18	263316	400.00-
BRADDOCK, ARETHA							400.00-
00002 BRYANT, ERNEST J		SPORTS SERVS	02018481	17000872 SPORTS SUPPORT SERVICES	04/13/18	263321	288.00-
BRYANT, ERNEST J							288.00-
00002 BURKETT RADIATOR SHOP	65502	00178326	17000825	A/C REPR U#11214 TRUCK	04/13/18	263322	175.00-
BURKETT RADIATOR SHOP							175.00-
00002 CARQUEST AUTO PARTS STOR	14758-105847	00177987	17000849	REPR PTS U#14143 TRUCK	04/13/18	263328	63.96-
CARQUEST AUTO PARTS STOR							63.96-
00002 CERTIFIED SPORTS TURF SE	1038	00177240	17000883	REGRADE VARI BALLFIELDS	04/13/18	263333	4,999.99-

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CERTIFIED SPORTS TURF SE
Sum

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00002 CINTAS CORPORATION #J66	J66575594	00178427	17000835	MATS 3/12 GRNDS MAINT	04/13/18	263339	4.95-
00002 CINTAS CORPORATION #J66	J66576383	00178427	17000836	MATS 3/19 GRNDS MAINT	04/13/18	263339	4.95-
00002 CINTAS CORPORATION #J66	J66577170	00178427	17000837	MATS 3/26 GRNDS MAINT	04/13/18	263339	4.95-
00002 CINTAS CORPORATION #J66	J66578060	00178427	17000838	MATS 4/02 GRNDS MAINT	04/13/18	263339	4.95-
00002 CINTAS CORPORATION #J66	J66575595	00178427	17000839	UNIFORMS 3/12 GRNDS MAINT	04/13/18	263339	133.64-
00002 CINTAS CORPORATION #J66	J66576384	00178427	17000840	UNIFORMS 3/19 GRNDS MAINT	04/13/18	263339	71.45-
00002 CINTAS CORPORATION #J66	J66577171	00178427	17000841	UNIFORMS 3/26 GRNDS MAINT	04/13/18	263339	127.65-
00002 CINTAS CORPORATION #J66	J66578061	00178427	17000842	UNIFORMS 4/02 GRNDS MAINT	04/13/18	263339	127.65-

CINTAS CORPORATION #J66
Sum

00002 CITY OF HATTIESBURG FUND TRF 1ST 4/18	02018490	17000884	TRF 1ST 4/18 PAYROLL	04/10/18	311827	59,349.89-
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CITY OF HATTIESBURG FUND
Sum

00002 COURTESY MOTORS INC	474664	00178251	17000888	REPR PTS U#14143 REC ADM	04/13/18	263354	61.39-
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COURTESY MOTORS INC
Sum

00002 DEWS, C L & SONS FOUNDRY	180428	00178050	17000845	BLDG MATLS CAMERON FIELD	04/13/18	263360	150.00-
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DEWS, C L & SONS FOUNDRY
Sum

00002 ECONOMY SUPPLY CO	292052	00178243	17000823	BLDG MATLS GRNDS MAINT	04/13/18	263366	126.00-
00002 ECONOMY SUPPLY CO	292326	00178327	17000846	BLDG MATLS GRNDS MAINT SHED	04/13/18	263366	337.70-
00002 ECONOMY SUPPLY CO	292436	00178402	17000854	DOOR REPLCMNT JAYCEE PARK	04/13/18	263366	195.95-
00002 ECONOMY SUPPLY CO	292636	00178447	17000856	SIDING	04/13/18	263366	195.00-
00002 ECONOMY SUPPLY CO	292720	00178483	17000857	DOOR KNOB REC MAINT SHED	04/13/18	263366	30.00-
00002 ECONOMY SUPPLY CO	292725	00178504	17000878	CHALK FOR ALL BALLFIELDS	04/13/18	263366	557.20-

ECONOMY SUPPLY CO
Sum

00002 ELKINS WHOLESALE INC	343230-00	00178332	17000843	TOILET TISSUE GRNDS MAINT	04/13/18	263368	99.98-
00002 ELKINS WHOLESALE INC	343699-00	00178446	17000877	JANIT SUPP GRNDS MAINT	04/13/18	263368	485.36-

ELKINS WHOLESALE INC
Sum

00002 FERGUSON ENTERPRISES INC	7711990	00178081	17000824	PLUMB SUPP EASTSIDE PARK	04/13/18	263375	19.29-
00002 FERGUSON ENTERPRISES INC	7674953	00177912	17000862	POOL SUPP CE ROY CENTER	04/13/18	263375	442.06-

FERGUSON ENTERPRISES INC
Sum

00002 GARNER LUMLEY ELECTRIC S	547400	00178018	17000813	ELEC SUPP TATUM BASEBALL	04/13/18	263385	326.97-
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GARNER LUMLEY ELECTRIC S
Sum

326.97-

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00002 GILKEY ELECTRIC SUPPLY C	297037	00178438	17000864	ELEC SUPP TOWN SQUARE PARK	04/13/18	263388	60.00-
GILKEY ELECTRIC SUPPLY C							60.00-
00002 GRAVES, GARY L		00178480	17000866	OFFICIAL-ADULT BASKETBALL	04/13/18	263391	300.00-
GRAVES, GARY L							300.00-
00002 HUB CITY CONSTRUCTION IN	1431	00178048	17000889	CONCRETE LABOR CAMERON PARK	04/13/18	263405	5,100.00-
HUB CITY CONSTRUCTION IN							5,100.00-
00002 IRBY, STUART C CO		S010664865.0	00178017	17000832 ELEC SUPP TATUM BASEBALL	04/13/18	263412	104.19-
IRBY, STUART C CO							104.19-
00002 J M H GRAPHICS	13390	00177469	17000815	UNIFORM SHIRTS PERKINS	04/13/18	263413	116.94-
J M H GRAPHICS							116.94-
00002 JACKSON, ROOSEVELT III	773406	00178314	17000882	WASH/PAINT CAMERON FLD BLDGS	04/13/18	263416	10,865.00-
JACKSON, ROOSEVELT III							10,865.00-
00002 KEATON, CHRISTOPHER		OFFICIAL 3/2	02018480	17000867 OFFICIAL-ADULT BASKETBALL	04/13/18	263419	175.00-
KEATON, CHRISTOPHER							175.00-
00002 KEELING COMPANY (HATTIES		S3355608.001	00178166	17000847 SPRINKLER PTS TATUM PARK	04/13/18	263420	605.62-
00002 KEELING COMPANY (HATTIES		S3356034.001	00178166	17000848 SPRINKLER PTS TATUM PARK	04/13/18	263420	25.55-
KEELING COMPANY (HATTIES							631.17-
00002 KETTLEY, ANNETTE		SPORTS SERV	02018481	17000873 SPORTS SUPPORT SERVICES	04/13/18	263421	216.00-
KETTLEY, ANNETTE							216.00-
00002 MCELHANEY PLUMBING INC	265957	00177659	17000814	TOILET SEATS DUNCAN LAKE	04/13/18	263439	59.85-
MCELHANEY PLUMBING INC							59.85-
00002 MS GRASS NURSERY	29342	00178231	17000821	GRASS SOD CITY WIDE USE	04/13/18	263451	260.00-
MS GRASS NURSERY							260.00-
00002 MS MUNICIPAL LEAGUE		REG PERKINS	00178355	17000830 REG PERKINS CONF BILOXI	04/13/18	263452	235.00-

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MS MUNICIPAL LEAGUE Sum							
00002 MS POWER COMPANY	4/18	PKS/REC	00201813	17000885 MNTHLY ELEC-PARKS & REC	04/13/18	263454	1,077.81-
MS POWER COMPANY Sum							
00002 PEANUTS TOWING SERVICE	78382		00178363	17000827 TOWING U#9213 TRUCK	04/13/18	263471	75.00-
PEANUTS TOWING SERVICE Sum							
00002 PERKINS, RONNIE	TRAV	ADVANCE	00178356	17000829 TRAV ADV MML CONF BILOXI	04/13/18	263476	164.00-
PERKINS, RONNIE Sum							
00002 PINE BELT TROPHY	PO#177533	2/	00177533	17000817 TROPHIES ADULT BASKETBALL	04/13/18	263480	256.20-
PINE BELT TROPHY Sum							
00002 PLAY IT AGAIN SPORTS	PO#177774		00177774	17000818 T SHIRTS ADULT BB ALL STARS	04/13/18	263481	684.00-
PLAY IT AGAIN SPORTS Sum							
00002 POWELL, JERMAINE	OFFICIAL	3/2	02018480	17000868 OFFICIAL-ADULT BASKETBALL	04/13/18	263482	100.00-
POWELL, JERMAINE Sum							
00002 POWELL, RANDY	SPORTS	SERVS	02018481	17000874 SPORTS SUPPORT SERVICES	04/13/18	263483	328.00-
POWELL, RANDY Sum							
00002 SHERWIN-WILLIAMS COMPANY	2650-9		00178393	17000853 FIELD PAINT TATUM SOCCER	04/13/18	263502	255.75-
00002 SHERWIN-WILLIAMS COMPANY	7440-8		00178460	17000858 WHITE/RED BALLFIELD PAINT	04/13/18	263502	2,507.75-
SHERWIN-WILLIAMS COMPANY Sum							
00002 SMITH, JIM SERVICES	88621		00178613	17000887 FREEZER REPR TATUM SOCCER	04/13/18	263506	148.50-
SMITH, JIM SERVICES Sum							
00002 SOUTHEASTERN CONCRETE CO	30804		00178051	17000844 CONCRETE MATL CAMERON FIELD	04/13/18	263510	512.50-
00002 SOUTHEASTERN CONCRETE CO	30903		00178092	17000855 CONCRETE BUSHMAN/MOBILE ST	04/13/18	263510	205.00-
SOUTHEASTERN CONCRETE CO Sum							
00002 SOUTHERN ON SITE STORAGE	59542		00177314	17000852 PORTALETS 3-4/18 TOWN SQUARE	04/13/18	263513	980.00-

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SOUTHERN ON SITE STORAGE Sum							980.00-
00002 SOUTHERN TIRE MART #9 (M 9030012		00178201	17000850	TIRE U# 19464 - REPLACE TIRE	04/13/18	263515	80.22-
00002 SOUTHERN TIRE MART #9 (M 9030103		00178252	17000851	TIRE U#20234 MOWER	04/13/18	263515	18.00-
00002 SOUTHERN TIRE MART #9 (M 9030192		00178362	17000860	TIRE U#17998	04/13/18	263515	72.22-
SOUTHERN TIRE MART #9 (M							170.44-
Sum							
00002 SPEEDY PRINTING & SIGNS	25140	00178403	17000861	LABELS FOR NEW EQUIPMENT	04/13/18	263516	232.00-
SPEEDY PRINTING & SIGNS Sum							232.00-
00002 SPIRE ENERGY	4/18 PKS/REC	00201813	17000886	MONTHLY GAS-PARKS & REC	04/13/18	263517	44.40-
SPIRE ENERGY Sum							44.40-
00002 SPORTS ILLUSTRATED PLAY	407847	00178419	17000834	REG FEES 3/18 REC ADM	04/13/18	263518	305.25-
SPORTS ILLUSTRATED PLAY Sum							305.25-
00002 TERRELL, WINSTON	OFFICIAL 3/2	02018480	17000869	OFFICIAL-ADULT BASKETBALL	04/13/18	263524	350.00-
TERRELL, WINSTON Sum							350.00-
00002 THOMPSON, JESSE	OFFICIAL 3/2	02018480	17000870	OFFICIAL-ADULT BASKETBALL	04/13/18	263525	175.00-
THOMPSON, JESSE Sum							175.00-
00002 VARNADO, ALEXANDRIA	SPORTS SERV	02018481	17000875	SPORTS SUPPORT SERVICES	04/13/18	263537	216.00-
VARNADO, ALEXANDRIA Sum							216.00-
00002 VARNADO, UNDR	SPORTS SERV	02018481	17000876	SPORTS SUPPORT SERVICES	04/13/18	263538	288.00-
VARNADO, UNDR							288.00-
Sum							
00002 WASHINGTON, TYLER ROYCE	OFFICIAL 3/2	02018480	17000871	OFFICIAL-ADULT BASKETBALL	04/13/18	263547	400.00-
WASHINGTON, TYLER ROYCE Sum							400.00-
Sum							99,682.50-

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HATT. MUNICIPAL FIRE PROTECTION							
00005 TRUSTMARK NATIONAL BANK/	AC #27335025	02018474	17000057	FIRE TRUCK LEASE NOTE #22568	04/05/18	22102	16,377.37-
00005 TRUSTMARK NATIONAL BANK/	28401107	NOT	02018477	17000058 FIRE TRUCK LEASE NOTE #33523	04/10/18	22104	14,340.60-
TRUSTMARK NATIONAL BANK/ Sum							30,717.97-
Sum							30,717.97-

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PAYROLL FUND							
00006 PROVIDENT LIFE AND ACCID	03/2018	00201894	17000307	EMP CONTRIB 3/18	04/05/18	112645	5,728.28-
PROVIDENT LIFE AND ACCID							
Sum							5,728.28-
Sum							5,728.28-

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WATER & SEWER OPERATION/MAINT.							
00009 AIRDESIGNS SIGN & GRAFFI	505654	00178125	17000970	SIGN DIRECTOR HOME W&S DEPT	04/13/18	263296	45.00-
Sum							45.00-
AIRDESIGNS SIGN & GRAFFI							
00009 ANOINTED HANDS SERVICES,	5414	00176528	17000902	STRIP/WAX PLANT FLOORS	04/13/18	263299	750.00-
00009 ANOINTED HANDS SERVICES,	5471	00177985	17000910	INITIAL CLEANING WTR PLANT	04/13/18	263299	450.00-
Sum							1,200.00-
ANOINTED HANDS SERVICES,							
Sum							1,200.00-
00009 ARNOLD LINE WATER ASSN I		00178562	17000926	SEWER BILLING 1/18-3/18	04/13/18	263302	405.00-
Sum							405.00-
ARNOLD LINE WATER ASSN I							
Sum							405.00-
00009 AUTO ARMATURE SERVICE IN	11793	00178546	17000966	BATTERY U#20443 WTR BILLING	04/13/18	263308	115.95-
00009 AUTO ARMATURE SERVICE IN	11332	00177560	17000967	ALTERNATOR U#18705 WTR OFFICE	04/13/18	263308	199.95-
Sum							315.90-
AUTO ARMATURE SERVICE IN							
Sum							315.90-
00009 CARQUEST AUTO PARTS STOR	14758-105356	00176975	17000899	REPR PTS U#19778 TRANS	04/13/18	263328	124.74-
00009 CARQUEST AUTO PARTS STOR	14758-104863	00177490	17000900	TRAILER JACK U#20056 TRANS	04/13/18	263328	206.44-
Sum							331.18-
CARQUEST AUTO PARTS STOR							
Sum							331.18-
00009 CERTIFIED LABORATORIES	3083591	00178410	17000950	STING X PLANT WAREHOUSE	04/13/18	263332	340.00-
00009 CERTIFIED LABORATORIES	3075217	00178233	17000951	CHEMICALS LAGOONS	04/13/18	263332	6,121.40-
Sum							6,461.40-
CERTIFIED LABORATORIES							
Sum							6,461.40-
00009 CINTAS CORPORATION #J66	J66578070	00178398	17000916	UNIFORMS 4/02 TRANS	04/13/18	263339	71.00-
00009 CINTAS CORPORATION #J66	J66578071	00178398	17000917	MOP/MAT 4/02 PLANT	04/13/18	263339	13.93-
00009 CINTAS CORPORATION #J66	J66578070	00178398	17000918	UNIFORMS 4/02 PLANT	04/13/18	263339	51.65-
00009 CINTAS CORPORATION #J66	J66578070	00178398	17000919	UNIFORMS 4/02 SEWER	04/13/18	263339	43.02-
00009 CINTAS CORPORATION #J66	J66578070	00178398	17000920	UNIFORMS 4/02 LAGOON	04/13/18	263339	25.87-
00009 CINTAS CORPORATION #J66	J66576971	00178564	17000927	UNIFORMS 3/22 WTR SERVICE MEN	04/13/18	263339	28.74-
00009 CINTAS CORPORATION #J66	J66577752	00178564	17000928	UNIFORMS 3/29 WTR SERVICE MEN	04/13/18	263339	28.74-
00009 CINTAS CORPORATION #J66	J66578908	00178564	17000929	UNIFORMS 3/05 WTR SERVICE MEN	04/13/18	263339	28.74-
00009 CINTAS CORPORATION #J66	J66579327	00178628	17000961	UNIFORMS 4/09 TRANS	04/13/18	263339	71.00-
00009 CINTAS CORPORATION #J66	J66579328	00178628	17000962	MOP/MAT 4/09 PLANT	04/13/18	263339	13.93-
00009 CINTAS CORPORATION #J66	J66579327	00178628	17000963	UNIFORMS 4/09 PLANT	04/13/18	263339	51.65-
00009 CINTAS CORPORATION #J66	J66579327	00178628	17000964	UNIFORMS 4/09 SEWER	04/13/18	263339	43.02-
00009 CINTAS CORPORATION #J66	J66579327	00178628	17000965	UNIFORMS 4/09 LAGOON	04/13/18	263339	25.87-
Sum							497.16-
CINTAS CORPORATION #J66							
Sum							497.16-
00009 CINTAS FIRST AID J71	5010005573	00176270	17000923	RAINSUITS TRANS DEPT	04/13/18	263340	510.72-
Sum							510.72-
CINTAS FIRST AID J71							
Sum							510.72-

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000009 CITY OF HATTIESBURG FUND CITY OF HATTIESBURG FUND Sum	TRF 1ST 4/18	02018490	17000952	TRF 1ST 4/18 PAYROLL	04/10/18	22103	96,520.06-
000009 COMMERCIAL STATIONERY CO COMMERCIAL STATIONERY CO Sum	411522-0	00178498	17000969	JANIT/OFFICE SUPP WTR PLANT	04/13/18	263350	96,520.06- 159.62-
000009 COMSOUTH COMSOUTH Sum	188864	00178087	17000968	RADIO REPR WTR BILLING	04/13/18	263351	159.62- 75.00-
000009 CONTROL SYSTEMS INC CONTROL SYSTEMS INC Sum	55384	00178590	17000934	REPRS E LAUREL PUMP STA	04/13/18	263352	75.00- 758.75-
000009 COURTESY MOTORS INC COURTESY MOTORS INC Sum	470227	00175360	17000906	REPR PTS U#20049 WTR BILLING	04/13/18	263354	758.75- 117.97-
000009 DIXON, CHARLES R. DIXON, CHARLES R. Sum	101408	00177868	17000933	CUT OFFS ARNOLD LINE WATER	04/13/18	263363	117.97- 920.00-
000009 GARNER LUMLEY ELECTRIC S GARNER LUMLEY ELECTRIC S Sum	547704	00171717	17000931	BREAKER BURKETT LIFT STA	04/13/18	263385	920.00- 1,995.15-
000009 HOWE, ALAN HOWE, ALAN Sum	TRAV ADVANCE	00178514	17000924	TRAV ADV MML CONF BILOXI	04/13/18	263404	1,995.15- 230.00-
000009 INDUSTRIAL ELECTRIC MOTO INDUSTRIAL ELECTRIC MOTO Sum	RI-10966	00177409	17000909	REPR PUMP #4 WTR PLT #2	04/13/18	263409	230.00- 3,128.17-
000009 L & A CONTRACTING CO L & A CONTRACTING CO Sum	483-104	00178354	17000912	AERATOR MNT 3/12-25 LAGOONS	04/13/18	263425	3,128.17- 29,550.00-
000009 LOWE'S OF HATTIESBURG IN 000009 LOWE'S OF HATTIESBURG IN Sum	936512 953236	00177447 00177330	17000921 17000922	CHAIN/HOOKS USM WTR TANK MINI BLINDS GREEN'S OFFC SWR	04/13/18 04/13/18	263432 263432	29,550.00- 32.55- 304.00-
LOWE'S OF HATTIESBURG IN Sum							336.55-
000009 MCELHANEY PLUMBING INC	265655	00177537	17000901	PLUMB SUPP WTR PLT#2 LAB	04/13/18	263439	45.15-

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MCELHANEY PLUMBING INC	265696	00177788	17000903	HAND TOOLS LIFT STATIONS	04/13/18	263439	99.75-
MCELHANEY PLUMBING INC	266366	00178170	17000915	CHAINS SECURE LIFT STATIONS	04/13/18	263439	64.50-
MCELHANEY PLUMBING INC							209.40-
Mitchell Tool Sales & SE	99651	00177919	17000898	HAND TOOLS TRANS DEPT	04/13/18	263445	1,659.50-
Mitchell Tool Sales & SE	99682	00178199	17000914	PIPE WRENCHES TRANS DEPT	04/13/18	263445	308.00-
Mitchell Tool Sales & SE	99717	00178350	17000949	TAPE MEASURES TRANS DEPT	04/13/18	263445	27.98-
Mitchell Tool Sales & SE							1,995.48-
MS MUNICIPAL LEAGUE	REG HOWE 6/2	00178512	17000925	REG HOWE CONF BILOXI	04/13/18	263452	235.00-
MS MUNICIPAL LEAGUE							235.00-
MS POWER COMPANY	4/18 W&SO&M	00201813	17000953	MNTHLY ELEC-W&SO&M	04/13/18	263454	35,007.45-
MS POWER COMPANY							35,007.45-
OFFICE DEPOT INC	2174217177	00178198	17000907	FILE CABINET TRANS DIV MGR	04/13/18	263465	175.99-
OFFICE DEPOT INC	2176265672	00178373	17000932	FILE CABINET WTR BILLING	04/13/18	263465	179.99-
OFFICE DEPOT INC							355.98-
PEARL RIVER VALLEY EPA (	4/18 W&SO&M	00201813	17000954	MNTHLY 4/18 PUBLIC SERVICES	04/13/18	263472	8,692.57-
PEARL RIVER VALLEY EPA (							8,692.57-
PUCKETT RENTS	643952	00178235	17000908	WATER STRAINERS FOR PUMP	04/13/18	263486	92.00-
PUCKETT RENTS							92.00-
RICOH CORP	5052892840 W	00178336	17000905	PRODUCTION PRINTER CHARGES	04/13/18	263489	125.77-
RICOH CORP							125.77-
RJM MCQUEEN CONTRACTING	1462	00178600	17000935	2/18 PUMPING	04/13/18	263492	25,661.40-
RJM MCQUEEN CONTRACTING	1468	00178600	17000936	SWR REPR EMERALD LN/FLORIDA	04/13/18	263492	20,740.80-
RJM MCQUEEN CONTRACTING	1469	00178600	17000937	SWR REPR ALICE DR/WALL ST	04/13/18	263492	7,646.95-
RJM MCQUEEN CONTRACTING	1470	00178600	17000938	SWR REPR 1ST TERRACE/S 19TH	04/13/18	263492	8,225.25-
RJM MCQUEEN CONTRACTING	1471	00178600	17000939	SWR REPR OLD AIRPORT/JACKSON	04/13/18	263492	2,308.50-
RJM MCQUEEN CONTRACTING	1472	00178600	17000940	SWR REPR DABBS ST/HALL AVE	04/13/18	263492	49,992.95-
RJM MCQUEEN CONTRACTING	1473	00178600	17000941	SWR REPR S 15TH AV/CAMP ST	04/13/18	263492	11,894.80-
RJM MCQUEEN CONTRACTING	1474	00178600	17000942	SWR REPR CEDAR/MAGNOLIA	04/13/18	263492	27,825.95-
RJM MCQUEEN CONTRACTING	1475	00178600	17000943	SWR REPR S 14TH/CONCART	04/13/18	263492	7,884.20-
RJM MCQUEEN CONTRACTING	1476	00178600	17000944	SWR REPR CAREY CT/CLAIORN	04/13/18	263492	6,453.60-
RJM MCQUEEN CONTRACTING	1477	00178600	17000945	SWR REPR ROBY ST/PACK ST	04/13/18	263492	14,169.20-
RJM MCQUEEN CONTRACTING	1478	00178600	17000946	SWR REPR 10TH/CONCART	04/13/18	263492	1,355.90-
RJM MCQUEEN CONTRACTING	1479	00178600	17000947	SWR REPR REBECCA/MCCOMB	04/13/18	263492	9,948.00-

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RJM MCQUEEN CONTRACTING	1480	00178600	17000948	SEWER WORK 11/17-3/18	04/13/18	263492	168,151.62-
00009 RJM MCQUEEN CONTRACTING	1499	00178651	17000957	SWR REPR ARCADIA/VELMA	04/13/18	263492	17,742.00-
00009 RJM MCQUEEN CONTRACTING	1500	00178651	17000958	SWR REPR THORNHILL/GRAND	04/13/18	263492	5,735.00-
00009 RJM MCQUEEN CONTRACTING	1501	00178651	17000959	SWR REPR BUSCHMAN/MAIN	04/13/18	263492	13,302.80-
00009 RJM MCQUEEN CONTRACTING	1502	00178651	17000960	MARCH PUMPING	04/13/18	263492	19,175.75-
RJM MCQUEEN CONTRACTING							418,014.67-
Sum							
00009 SPIRE ENERGY	4/18 W&SOM	00201813	17000955	MONTHLY GAS-W&SOM	04/13/18	263517	13.35-
SPIRE ENERGY							13.35-
Sum							
00009 STANDARD OFFICE SUPPLY C	0076219-001	00178208	17000930	OFFICE SUPP WTR BILLING	04/13/18	263519	110.71-
STANDARD OFFICE SUPPLY C							110.71-
Sum							
00009 WATER COMPANY OF AMERICA #2		00178627	17000956	UNBILLED/MISBILLED W/S REVENUE	04/13/18	263548	29,888.33-
WATER COMPANY OF AMERICA							29,888.33-
Sum							
00009 WATKINS & EAGAR	385321	00178310	17000904	SRVS GULF RESTORATION V CITY	04/13/18	263550	975.00-
WATKINS & EAGAR							975.00-
Sum							
Sum							639,273.34-

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WATER & SEWER FUND 00011 ADAMS, ELIZABETH Sum							
	METER DEP RF	02018478	17000500	METER DEP RFD	04/13/18	263294	51.20-
ADAMS, ELIZABETH Sum							51.20-
00011 BANK OF AMERICA	METER DEP RF	02018455	17000482	METER DEP RFD	04/13/18	263311	24.40-
BANK OF AMERICA Sum							24.40-
00011 BRADLEY, TAMICHA	METER DEP RF	02018478	17000491	METER DEP RFD	04/13/18	263317	24.40-
BRADLEY, TAMICHA Sum							24.40-
00011 BRALEY, LEHMAN	METER DEP RF	02018455	17000481	METER DEP RFD	04/13/18	263318	75.00-
BRALEY, LEHMAN Sum							75.00-
00011 BRIGHT, BENJAMIN	WTR OVRPMT R	02018454	17000478	WTR OVRPMT RFD	04/13/18	263319	6.00-
BRIGHT, BENJAMIN Sum							6.00-
00011 C'EST LA VIE	METER DEP RF	02018478	17000489	METER DEP RFD	04/13/18	263324	40.00-
C'EST LA VIE Sum							40.00-
00011 CARE, KRISTIN	METER DEP RF	02018478	17000502	METER DEP RFD	04/13/18	263326	17.52-
CARE, KRISTIN Sum							17.52-
00011 CENTURY CONSTRUCTION CO	METER DEP RF	02018455	17000480	METER DEP RFD	04/13/18	263330	41.40-
CENTURY CONSTRUCTION CO Sum							41.40-
00011 CENTURY CONSTRUCTION CO	METER DEP RF	02018455	17000479	METER DEP RFD	04/13/18	263331	41.40-
CENTURY CONSTRUCTION CO Sum							41.40-
00011 CREATIVE SOLUTIONS LLC	METER DEP RF	02017478	17000496	METER DEP RFD	04/13/18	263355	15.22-
CREATIVE SOLUTIONS LLC Sum							15.22-
00011 CREATIVE SOLUTIONS1	WTR OVRPMT R	02018479	17000485	WTR OVRPMT RFD	04/13/18	263356	34.78-
00011 CREATIVE SOLUTIONS1 Sum	METER DEP RF	02018478	17000497	METER DEP RFD	04/13/18	263356	75.00-
CREATIVE SOLUTIONS1 Sum							109.78-

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00001 CREATIVE WAREHOUSE							
Sum							
00001 DIRT CHEAP LLC							
00001 DIRT CHEAP LLC							
Sum							
DIRT CHEAP LLC							
Sum							
00001 EAGLE REALTY & PROPERTY							
EAGLE REALTY & PROPERTY							
Sum							
00001 FIELDS, THOMAS 1							
FIELDS, THOMAS 1							
Sum							
00001 FINK, JUDITH 2							
FINK, JUDITH 2							
Sum							
00001 GARNER PROPERTIES							
GARNER PROPERTIES							
Sum							
00001 HALLMAN PROPERTY 1810							
HALLMAN PROPERTY 1810							
Sum							
00001 HENDERSON, BARRY CHESTER							
HENDERSON, BARRY CHESTER							
Sum							
00001 HERNANDEZ, CAMERON							
HERNANDEZ, CAMERON							
Sum							
00001 INTEGRITY SOUTH 132							
INTEGRITY SOUTH 132							
Sum							
00001 JACKSON ANTHONY LA							
JACKSON ANTHONY LA							
Sum							
00001 KIDS MARKET 318							
KIDS MARKET 318							
Sum							

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KIDS MARKET 318 Sum							40.22-
00011 KING REALTY SERVICES	WTR OVRPMT R	02018479	17000484	WTR OVRPMT RFD	04/13/18	263423	112.52-
00011 KING REALTY SERVICES	METER DEP RF	02018478	17000486	METER DEP RFD	04/13/18	263423	150.00-
KING REALTY SERVICES Sum							262.52-
00011 KOBE JAPANESE STEAKHOUSE	METER DEP RF	02018478	17000490	METER DEP RFD	04/13/18	263424	100.00-
KOBE JAPANESE STEAKHOUSE Sum							100.00-
00011 LILJA, NICHOLAS	WTR OVRPMT R	02018483	17000516	WTR OVRPMT RFD	04/13/18	263429	1,067.56-
LILJA, NICHOLAS Sum							1,067.56-
00011 MAGEE TIA	METER DEP RF	02018478	17000509	METER DEP RFD	04/13/18	263435	75.00-
MAGEE TIA Sum							75.00-
00011 NEW SEASONS FAMILY WORSH	METER DEP RF	02018478	17000488	METER DEP RFD	04/13/18	263461	5.22-
NEW SEASONS FAMILY WORSH Sum							5.22-
00011 PEOPLES, LORI D	METER DEP RF	02018478	17000487	METER DEP RFD	04/13/18	263474	40.00-
PEOPLES, LORI D Sum							40.00-
00011 PRUITT, CAROLINE	METER DEP RF	02018478	17000499	METER DEP RFD	04/13/18	263485	9.80-
PRUITT, CAROLINE Sum							9.80-
00011 SCOTT, JULIA CARROLL	METER DEP RF	02018478	17000505	METER DEP RFD	04/13/18	263500	75.00-
SCOTT, JULIA CARROLL Sum							75.00-
00011 WALKER, KIMBERLY	METER DEP RF	02018478	17000494	METER DEP RFD	04/13/18	263542	75.00-
WALKER, KIMBERLY Sum							75.00-
00011 WATSON, JASMINE	METER DEP RF	02018478	17000501	METER DEP RFD	04/13/18	263551	24.40-
WATSON, JASMINE Sum							24.40-
00011 WESLEY BRELAND REALTOR 1	METER DEP RF	02018478	17000510	METER DEP RFD	04/13/18	263553	75.00-

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WESLEY BRELAND REALTOR 1 Sum							75.00-
00011 WILLIAMS, SCOTT							26.00-
Sum							26.00-
00011 WILLIAMS, SCOTT							26.00-
Sum							26.00-
00011 WOODLAND, NINA							24.40-
Sum							24.40-
WOODLAND, NINA							24.40-
Sum							24.40-
Sum							3,038.19-

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CITY B & I 00013 PEOPLES BANK	15 GO POOL L	02018469	17000007	15 GO REF 10/7/15	04/05/18	112641	45,600.00-
PEOPLES BANK Sum							45,600.00-
Sum							45,600.00-

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POLICE FORFEITURES FUND							
00019 SIRCHIE FINGER PRINT LAB	0342394-IN 3	00178067	17000037	FILTERS FOR DRYSAFE	04/13/18	263505	1,256.96-
SIRCHIE FINGER PRINT LAB							1,256.96-
Sum							1,256.96-

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2006 TIF B&I-TURTLE CROSSING 00023 TRUSTMARK NATIONAL BANK/ TRUSTMARK NATIONAL BANK/ Sum		3903 P&I T/C	02018470	17000001 DEBT SERVICE PAY-T/CREEK	04/05/18	112642	42,496.00-
							42,496.00-
Sum							42,496.00-

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134,984.94-

134,984.94-

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AIRPORT IMPROVEMENT FUND 00039 ARE CONSULTANTS INC	180306C	00178644	17000028	SRV 3/24-4/6 TAXIWAY EXTN	04/13/18	263301	9,666.55-
ARE CONSULTANTS INC							9,666.55-
Sum							9,666.55-

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MUNICIPAL ROAD & BRIDGE							
00072 BUSH CONSTRUCTION COMPAN	EST#5 4TH ST	00178647	17000133	SRV 3/18 4TH ST PHASE II	04/13/18	263323	41,763.02-
Sum							41,763.02-
BUSH CONSTRUCTION COMPAN							
00072 JACKSON, TULLOS & ROGERS	64299	00178645	17000131	SRV 2/5-3/26 J ED TURNER PATH	04/13/18	263417	2,170.28-
Sum							2,170.28-
JACKSON, TULLOS & ROGERS							
00072 LIGHTSEY & ASSOCIATES	040218 500 W	00178649	17000134	SRV ML KING ROADWAY IMPRV	04/13/18	263428	450.00-
Sum							450.00-
LIGHTSEY & ASSOCIATES							
00072 PRECISION CONSTRUCTION L	EST#1 LLT/DE	00178648	17000132	SRV 12/17-3/18 LLT/CHAIN PK	04/13/18	263484	134,921.32-
Sum							134,921.32-
PRECISION CONSTRUCTION L							
00072 SHOWS DEARMAN & WAITS	IN 20157	00178577	17000122	SRV 2/25-3/24 12TH AVE BRIDGE	04/13/18	263504	11,580.53-
00072 SHOWS DEARMAN & WAITS	IN 20151	00178572	17000123	SRV 2/25-3/24 BARKLEY BRIDGE	04/13/18	263504	5,800.00-
00072 SHOWS DEARMAN & WAITS	IN 20159	00178571	17000124	SRVG 2/25-3/24 TURNER SIDEWALK	04/13/18	263504	3,804.00-
00072 SHOWS DEARMAN & WAITS	IN 20170	00178575	17000125	SRV 2/25-3/24 ML KING REPRS	04/13/18	263504	6,802.50-
00072 SHOWS DEARMAN & WAITS	IN 20164	00178569	17000126	SRV 2/25-3/24 ELAINE CIR WALL	04/13/18	263504	262.50-
00072 SHOWS DEARMAN & WAITS	IN 20192	00178643	17000130	SRV 2/25-3/29 RAILRD SURVEY	04/13/18	263504	500.00-
Sum							28,749.53-
SHOWS DEARMAN & WAITS IN							
00072 WARREN PAVING INC	1214	00177564	17000114	PAVE DIXIE/DBORNE/11TH/17TH	04/13/18	263546	6,318.37-
00072 WARREN PAVING INC	1239	00177564	17000115	PAVE DIXIE/DBORNE/11TH/17TH	04/13/18	263546	13,126.08-
00072 WARREN PAVING INC	1240	00177564	17000116	PAVE DIXIE/DBORNE/11TH/17TH	04/13/18	263546	30,731.57-
00072 WARREN PAVING INC	1241	00177564	17000117	PAVE DIXIE/DBORNE/11TH/17TH	04/13/18	263546	44,914.17-
00072 WARREN PAVING INC	1242	00177579	17000118	PAVE 1ST/2ND/3RD TERRACE	04/13/18	263546	25,724.31-
00072 WARREN PAVING INC	1243	00177579	17000119	PAVE 1ST/2ND/3RD TERRACE	04/13/18	263546	23,299.23-
00072 WARREN PAVING INC	1244	00177575	17000120	PAVE 1ST/2ND/3RD TERRACE	04/13/18	263546	16,435.02-
00072 WARREN PAVING INC	1216	00177752	17000121	STRIPE S 37TH AVE	04/13/18	263546	9,881.80-
00072 WARREN PAVING INC	1288	00178083	17000127	STRIPE JERVIS MIMS RD	04/13/18	263546	8,891.60-
00072 WARREN PAVING INC	1294	00178083	17000128	STRIPE OLD HICKORY RD	04/13/18	263546	1,428.10-
00072 WARREN PAVING INC	1295	00178083	17000129	STRIPE POPLAR RD	04/13/18	263546	6,299.60-
Sum							187,049.85-
WARREN PAVING INC							
Sum							395,104.00-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING APRIL 13, 2018

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- 04/11/18

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
MASS TRANSIT FUND							
00073 AUTOMOTIVE GLASS SPECIAL	1221701	00178237	17000231	DOOR GLASS REPR U#20586	04/13/18	263309	265.00-
Sum							265.00-
AUTOMOTIVE GLASS SPECIAL							
00073 BOBBY'S MUFFLER & BRAKE	81322	00178230	17000232	EXHAUST REPRS U#20584	04/13/18	263314	207.00-
Sum							207.00-
BOBBY'S MUFFLER & BRAKE							
00073 CARQUEST AUTO PARTS STOR	14758-106308	00178183	17000230	REPR PTS U#19552/16759 BUSES	04/13/18	263328	280.12-
Sum							280.12-
CARQUEST AUTO PARTS STOR							
00073 CINTAS CORPORATION #J66	J66575141	00178677	17000252	UNIFORMS 3/07 MECH/DRIVERS	04/13/18	263339	89.66-
00073 CINTAS CORPORATION #J66	J66575932	00178677	17000253	UNIFORMS 3/14 MECH/DRIVERS	04/13/18	263339	89.66-
00073 CINTAS CORPORATION #J66	J66577506	00178677	17000256	UNIFORMS 3/21 MECH/DRIVERS	04/13/18	263339	89.66-
00073 CINTAS CORPORATION #J66	J66576722	00178677	17000257	UNIFORMS 3/28 MECH/DRIVERS	04/13/18	263339	89.66-
Sum							358.64-
CINTAS CORPORATION #J66							
00073 CITY OF HATTIESBURG FUND TRF 1ST 4/18	02018490	17000248	TRF 1ST 4/18 PAYROLL		04/10/18	112648	26,787.68-
Sum							26,787.68-
CITY OF HATTIESBURG FUND							
00073 CLARION LEDGER (ADVERTIS C19347	63466	00178654	17000249	NB FAREBOX SYS RFP	04/13/18	263342	103.80-
Sum							103.80-
CLARION LEDGER (ADVERTIS							
00073 COMSOUTH	184303	00170801	17000233	GPS TRACKING FOR BUSES 11/16	04/13/18	263351	975.00-
00073 COMSOUTH	185302	00170801	17000234	GPS TRACKING BUSES 2/17	04/13/18	263351	975.00-
00073 COMSOUTH	186124	00170801	17000235	GPS TRACKING BUSES 5-7/17	04/13/18	263351	468.00-
Sum							2,418.00-
COMSOUTH							
00073 COURTESY MOTORS INC	229294	00176544	17000251	A/C REPR U#15648 BUS	04/13/18	263354	331.03-
Sum							331.03-
COURTESY MOTORS INC							
00073 EMPIRE TRUCK SALES (H'BU RE006027456	00177658	17000236	REPRS U#16235 PO#176044		04/13/18	263371	13,318.49-
Sum							13,318.49-
EMPIRE TRUCK SALES (H'BU							
00073 GREATER SOUTHEAST CONSTR APPL #1 TRAN	00178379	17000237	CONSTR TRANSIT FACILITY		04/13/18	263392	28,272.95-
Sum							28,272.95-
GREATER SOUTHEAST CONSTR							
00073 GROVE TRANSIT	JARC 11/26/1	00178493	17000240	JARC TRIPS 11/26-12/9/17	04/13/18	263394	2,980.50-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING APRIL 13, 2018

Page 41
Date - 04/11/18

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
GROVE TRANSIT							
00073 GROVE TRANSIT	JARC 12/10/1	00178493	17000241	JARC TRIPS 12/10-23/17	04/13/18	263394	2,695.50-
00073 GROVE TRANSIT	JARC 12/24/1	00178493	17000242	JARC TRIPS 12/24/17-1/06/18	04/13/18	263394	2,066.00-
00073 GROVE TRANSIT	JARC 1/07/18	00178493	17000243	JARC TRIPS 1/07/18-1/20/18	04/13/18	263394	3,033.00-
00073 GROVE TRANSIT	JARC 1/21/18	00178493	17000244	JARC TRIPS 1/21/18-2/03/18	04/13/18	263394	3,318.00-
00073 GROVE TRANSIT	JARC 2/04/18	00178493	17000245	JARC TRIPS 2/04/18-2/17/18	04/13/18	263394	3,200.50-
Sum							17,293.50-
00073 LONDON & STETELMAN REALT	5/18 LEASE 1	00178473	17000239	5/18 LEASE TRANSIT TEMP FACIL	04/13/18	263431	3,000.00-
Sum							3,000.00-
LUMINATOR BUS REPAIR GRO							
00073 LUMINATOR BUS REPAIR GRO	523646	00178098	17000246	REPR PTS U#16234 BUS	04/13/18	263433	951.18-
Sum							951.18-
MCMULLAN EQUIPMENT CO							
00073 MCMULLAN EQUIPMENT CO	3820221C	00176999	17000250	REPRS U#20462	04/13/18	263441	161.84-
Sum							161.84-
NAPA AUTO PARTS							
00073 NAPA AUTO PARTS	5930-573629	00178337	17000247	REPR PTS U#20585	04/13/18	263457	124.01-
Sum							124.01-
Sum							93,873.24-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING APRIL 13, 2018

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Date - 04/11/18

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
WATER&SEWER CONSTRUCTION FUND							
00075 SHOWS DEARMAN & WAITS IN	20184	00178573	17000085	SRV 2/25-3/24 PLT#2 WAREHOUSE	04/13/18	263504	230.00-
00075 SHOWS DEARMAN & WAITS IN	20185	00178574	17000086	SRV 2/25-3/24 SWR MGMT PH I	04/13/18	263504	8,887.00-
00075 SHOWS DEARMAN & WAITS IN	20179	00178576	17000087	SRV 2/25-3/24 N 40TH/N 39TH	04/13/18	263504	1,022.92-
00075 SHOWS DEARMAN & WAITS IN	20188	00178570	17000088	SRV 2/25-3/24 LAMAR BLVD IMPV	04/13/18	263504	4,857.84-
00075 SHOWS DEARMAN & WAITS IN	20195	00178567	17000089	SRV 2/25-3/24 KATIE/ARLEDGE	04/13/18	263504	6,416.50-
00075 SHOWS DEARMAN & WAITS IN	20150	00178612	17000090	SRV 2/25-3/24 S LAGN BRIDGE	04/13/18	263504	1,375.00-
00075 SHOWS DEARMAN & WAITS IN	20186	00178642	17000091	SRV 2/25-3/24 L FORGETFUL RD	04/13/18	263504	960.00-
00075 SHOWS DEARMAN & WAITS IN	20190	00178641	17000092	SRV 2/25-3/24 2017 WTR SYS	04/13/18	263504	5,452.50-

SHOWS DEARMAN & WAITS IN 29,201.76-

Sum 29,201.76-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING APRIL 13, 2018

Page 43
Date - 04/11/18

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
COMMUNITY CENTERS' FUND							
00077 CARQUEST AUTO PARTS STOR	14758-106477	00178276	17000265	REPR PTS U#5591 COMM CNTRS	04/13/18	263328	42.20-
00077 CARQUEST AUTO PARTS STOR	14758-105999	00177691	17000271	REPR PTS U#5591 COMM CNTRS	04/13/18	263328	161.71-
00077 CARQUEST AUTO PARTS STOR	14758-106795	00178366	17000272	REPR PTS U#5591 PKS/REC	04/13/18	263328	108.16-
CARQUEST AUTO PARTS STOR							312.07-
Sum							
00077 CINTAS CORPORATION #J66	J66575144	00178412	17000267	UNIFORMS 3/07 COMM CNTRS	04/13/18	263339	48.30-
00077 CINTAS CORPORATION #J66	J66575936	00178412	17000268	UNIFORMS 3/14 COMM CNTRS	04/13/18	263339	48.30-
00077 CINTAS CORPORATION #J66	J66576726	00178412	17000269	UNIFORMS 3/21 COMM CNTRS	04/13/18	263339	48.30-
00077 CINTAS CORPORATION #J66	J66577509	00178412	17000270	UNIFORMS 3/28 COMM CNTRS	04/13/18	263339	48.30-
CINTAS CORPORATION #J66							193.20-
Sum							
00077 CITY OF HATTIESBURG FUND TRF	1ST 4/18	02018490	17000280	TRF 1ST 4/18 PAYROLL	04/10/18	311827	21,148.63-
CITY OF HATTIESBURG FUND							21,148.63-
Sum							
00077 DILLION, CASSANDRA (REFU	SHERRILL CEN	02018476	17000275	DAMAGE DEPOSIT REFUND	04/13/18	263361	100.00-
DILLION, CASSANDRA (REFU							100.00-
Sum							
00077 ELECTROLUX (AERUS)	1738495	00178584	17000278	VACUUM REPR SIGLER CENTER	04/13/18	263367	233.00-
ELECTROLUX (AERUS)							233.00-
Sum							
00077 GREEN, CARRIE (REFUND)	SHERRILL CEN	02018476	17000274	DAMAGE DEPOSIT REFUND	04/13/18	263393	100.00-
GREEN, CARRIE (REFUND)							100.00-
Sum							
00077 HARTFIELD. CHARLINDA (RE	CE ROY CENTE	02018476	17000276	DAMAGE DEPOSIT REFUND	04/13/18	263398	100.00-
HARTFIELD. CHARLINDA (RE							100.00-
Sum							
00077 JACKSON, ROOSEVELT III	773405	00178189	17000273	PAINT REPRS CULTURAL CENTER	04/13/18	263416	3,965.00-
JACKSON, ROOSEVELT III							3,965.00-
Sum							
00077 MS POWER COMPANY	4/18 COMM C	00201813	17000281	MNTHLY ELEC-COMM CENTERS	04/13/18	263454	945.85-
MS POWER COMPANY							945.85-
Sum							
00077 NEWELL PAPER COMPANY	4025067	00178211	17000279	HAND TOWELS COMM CENTERS	04/13/18	263462	130.00-
NEWELL PAPER COMPANY							130.00-
Sum							
00077 ODENDHAL, COLIN (REFUND)	SHERRILL CEN	02018476	17000277	DAMAGE DEPOSIT REFUND	04/13/18	263464	100.00-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING APRIL 13, 2018

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
ODENDHAL, COLIN (REFUND) Sum							100.00-
00077 SPIRE ENERGY	4/18 COMM CN	00201813	17000282	MONTHLY GAS-COMM CENTERS	04/13/18	263517	847.38-
SPIRE ENERGY Sum							847.38-
Sum							28,175.13-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING APRIL 13, 2018

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Date - 04/11/18

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
COMMUNITY DEVELOP. BLOCK GRANT							
00082 CITY OF HATTIESBURG FUND	TRF 1ST 4/18	02018490	17000071	TRF 1ST 4/18 PAYROLL	04/10/18	311828	5,643.67-
CITY OF HATTIESBURG FUND							5,643.67-
00082 HOUSING EDUCATION & ECON	REG JORDAN 4	00178637	17000072	REG JORDAN FAIR HOUSING CONF	04/13/18	263403	150.00-
HOUSING EDUCATION & ECON							150.00-
00082 JORDAN, KEVIN	TRAV ADVANCE	00178640	17000073	TRAV ADV FAIR HOUSING CONF	04/13/18	263418	339.96-
JORDAN, KEVIN							339.96-
Sum							339.96-
00082 REGIONS CARDHOLDER SERVI	7079 3/30/18	00177810	17000069	REG JORDAN PLANN CONF 4/20-24	04/13/18	263488	785.00-
00082 REGIONS CARDHOLDER SERVI	7079 3/30/18	00178257	17000070	HOTEL WILLIAMS MAPDD 4/24-27	04/13/18	263488	166.38-
REGIONS CARDHOLDER SERVI							166.38-
Sum							951.38-
00082 RJ YOUNG COMPANY	INV2398341	00178539	17000068	COPIER 2/28-3/27 CDBG	04/13/18	263490	273.29-
RJ YOUNG COMPANY							273.29-
Sum							273.29-
Sum							7,358.30-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING APRIL 13, 2018

Grand Total Level
Sum

3,364,146.97-

Vendor

Invoice
Number

Purchase
Order

Claims
Number

Item
Description

Check
Date

Check
No.

Check
Amount

**ADDENDUM CLAIMS DOCKET
PERIOD ENDING APRIL 13, 2018**

FUND	VENDOR	INVOICE NUMBER	PURCHASE ORDER	CLAIMS NUMBER	ITEM DESCRIPTION	CHECK DATE	CHECK NUMBER	CHECK AMOUNT
01	TWIN FORKS RISING COMMUNITY DEV	4/13/18	178769	4607	2018 ANNUAL APPROPRIATION	4/16/18	112652	150,000.00

TOTAL 150,000.00



City of Hattiesburg, MS

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

Master

File Number: 2018-401

File ID: 2018-401

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Ginger Lowrey

File Created: 04/16/2018

Brief Title: Acknowledge receipt of appeal and Set Appeal
Hearing for 4 p.m. May 21, 2018, for 208 North 38th
Avenue - Rezone to B-3

Final Action:

Minute Book Number: MB2018-109

Title: Acknowledge receipt of request filed by Utpal Patel, Owner, to appeal the Planning Commission's recommendation for the petition filed by by Utpal Patel, Owner to change the zoning classification for a certain property located at 208 North 38th Avenue (Parcel 2-028L-07-144.01, PPIN 41562, Ward 1) from Section 4.5.9, B-2 (Neighborhood Business) District to Section 4.5.10, B-3 (Community Business) District; Hattiesburg Planning Commission recommended to Deny on April 4, 2018; Set a public hearing before City Council on May 21, 2018 at 4:00 p.m. and authorize publication of Public Notice setting an Appeal Public Hearing.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: VI.-12

Sponsors:

Enactment Date:

Attachments: Appeal - 208 N 38th Ave

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Ginger Lowrey

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council - Amendments to the Agenda	04/16/2018					
1	City Council	04/17/2018					

Text of Legislative File 2018-401

Title

Acknowledge receipt of request filed by Utpal Patel, Owner, to appeal the Planning Commission's recommendation for the petition filed by by Utpal Patel, Owner to change the zoning classification for a certain property located at 208 North 38th Avenue (Parcel 2-028L-07-144.01, PPIN 41562, Ward 1)

from Section 4.5.9, B-2 (Neighborhood Business) District to Section 4.5.10, B-3 (Community Business) District; Hattiesburg Planning Commission recommended to Deny on April 4, 2018; Set a public hearing before City Council on May 21, 2018 at 4:00 p.m. and authorize publication of Public Notice setting an Appeal Public Hearing.

Summary

Acknowledge receipt of appeal and Set Appeal Hearing for 4 p.m. May 21, 2018, for 208 North 38th Avenue - Rezone to B-3.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Public Notice to set hearing to publish in HubCity Spokes on May 3, 2018 (18 days prior May 21, 2018 hearing).



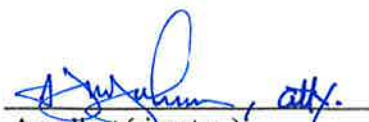
Send to:
Andrew Ellard, Director of Urban Development
Dept. of Urban Development
P.O. Box 1898
Hattiesburg, MS 39403
601.545.4599 or fax 601.545.1962

**REQUEST TO APPEAL PLANNING COMMISSION OR BOARD OF ADJUSTMENTS
RECOMMENDATION**

Today's Date:	4/13/18
Planning Commission or Board of Adjustment Date:	4/4/18
(Appeals must be made within ten consecutive days of the recommendation)	
Name of Property Owner/Petitioner:	Utpal Patel
Name of Person Requesting Appeal Hearing:	S. Joel Johnson, Attorney for Utpal Patel
Mailing Address of Person Requesting Appeal Hearing:	PO Box 17738 Hattiesburg, MS 39404
Address of Petitioned Property:	208 North 38th Avenue Hattiesburg, MS 39401
Petitioner's Request of the Planning Commission or Board of Adjustments: to change zoning classification for a certain property located at 208 North 38th Avenue (Parcel 2-0286-07-144.01, PPIN 41562, Ward 1 from section 4.5.9, B-2 (Neighborhood business) District to Section 4.5.10, B-3 (Community Business) District	
Planning Commission or Board of Adjustment's Recommendation: Approve ☐ or Deny ☒	

I/We hereby APPEAL the Planning Commission or Board of Adjustment's Recommendation for the above reference petition and request to hold a Public Hearing before the Hattiesburg City Council.

Utpal Patel
Appellant (print)


Appellant (signature)



City of Hattiesburg, MS

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

Master

File Number: 2018-383

File ID: 2018-383

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 04/09/2018

Brief Title: Acknowledge no bids were received at the bid opening April 5, 2018 for the 28th Avenue Bridge Replacement project; Authorize re-advertisement for bids for same project.

Final Action:

Minute Book Number: MB2018-109

Title:

Acknowledge no bids were received at the bid opening April 5, 2018 for the 28th Avenue Bridge Replacement project; Authorize re-advertisement for bids for same project.

Notes:

Agenda Date: 04/17/2018

Indexes:

Agenda Number: VI.-13

Sponsors:

Enactment Date:

Attachments: 11204 no bid letter, S. 28th Ave Bridge - No bids, Re-advertisement, 11204 construction plans signed 2018-02-12-Rebid, 11204_Specs_Review Set_2018_04_09-Rebid, executed 11204 no bid letter for 28th Ave. Bridge Replacement project

Enactment Number:

Contact:

Meeting Date: 04/17/2018

Drafter: Sharon Waits

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council - Amendments to the Agenda	04/16/2018					
1	City Council	04/17/2018					

Text of Legislative File 2018-383

Title

Acknowledge no bids were received at the bid opening April 5, 2018 for the 28th Avenue Bridge Replacement project; Authorize re-advertisement for bids for same project.

Summary

Acknowledge no bids were received at the bid opening April 5, 2018 for the 28th Avenue Bridge Replacement project; Authorize re-advertisement for bids for same project.

Budget Information

Expenditure Type

Purchasing Item

Publication Information



Engineering Progress

April 16, 2018

City of Hattiesburg
Post Office Box 1898
Hattiesburg MS 39403-1898

Attn: Lamar Rutland, P.E.

RE: South 28th Avenue Bridge Replacement - Bridge #SA18-157
City of Hattiesburg

Dear Mr. Rutland:

During the bid opening for the above referenced project on April 5, 2018 we received **no bids**.

At this time we recommend that you re-advertise and re-bid the project.

If you have any questions or we can be of further assistance please do not hesitate to call me at (601) 544-1821.

Yours Sincerely,

A handwritten signature in blue ink, appearing to read 'Nick Connolly', with a stylized flourish at the end.

Nicholas M. Connolly, P.E., P.L.S.
Vice President

ADVERTISEMENT FOR BIDS

NOTICE is hereby given that the City Clerk of the **City of Hattiesburg**, MISSISSIPPI, will receive sealed bids until **10:00 A.M.** on **May 31, 2018** in City Council Chambers at City Hall, 200 Forrest Street, Hattiesburg, MS 39401, and then at said location will open and read aloud bids received for furnishing the City's requirements for the following:

BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: May 31, 2018
SOUTH 28TH AVENUE
BRIDGE REPLACEMENT
BRIDGE #SA18-157
CITY of HATTIESBURG

Official bid documents can be downloaded from Central Bidding at www.centralbidding.com. Electronic bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814. All bids must be accompanied by bid security equal to 5% of the amount of the bid, in the form of a certified check, cashier's check or a bid bond written by a company properly licensed in Mississippi.

Each BID must be received sealed and marked EXACTLY as follows:

BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: May 31, 2018
SOUTH 28TH AVENUE
BRIDGE REPLACEMENT
BRIDGE #SA18-157
HATTIESBURG, MISSISSIPPI

No bid may be withdrawn for a period of sixty (60) days. The lowest and best proposal received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated and Amended, and other applicable State law; the Council reserves the right to reject any or all proposals received and to waive informalities.

PUBLISHED by Order of the Council on the 17th day of April, 2018

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____

Kermas Eaton, City Clerk

Publish on April 26, 2018 and May 3, 2018
City of Hattiesburg
Return PROOF to SDW, Inc.
301 Second Avenue
Hattiesburg, MS 39401

PUBLIC UTILITIES

CABLE
COMCAST
2100 LINCOLN RD
HATTIESBURG, MS 39402
(601) 264-1188

POWER
MISSISSIPPI POWER COMPANY
6356 U.S. HIGHWAY 49
HATTIESBURG, MS 39401
(601) 544-6511

TELEPHONE
AT&T
P.O. BOX 1191
HATTIESBURG, MS 39401
(601) 545-6424

GAS
WILMUT GAS
P.O. BOX 1649
HATTIESBURG, MS 39403
(601) 544-6001

SEWER
CITY OF HATTIESBURG
WATER & SEWER DEPT.
900 JAMES ST
HATTIESBURG, MS 39403
(601) 545-4530

WATER
CITY OF HATTIESBURG
WATER & SEWER DEPT.
900 JAMES ST
HATTIESBURG, MS 39403
(601) 545-4530

TRAFFIC
CITY OF HATTIESBURG
TRAFFIC DEPT.
125 WALNUT ST
HATTIESBURG, MS 39401
(601) 545-4626

CONSTRUCTION PLANS

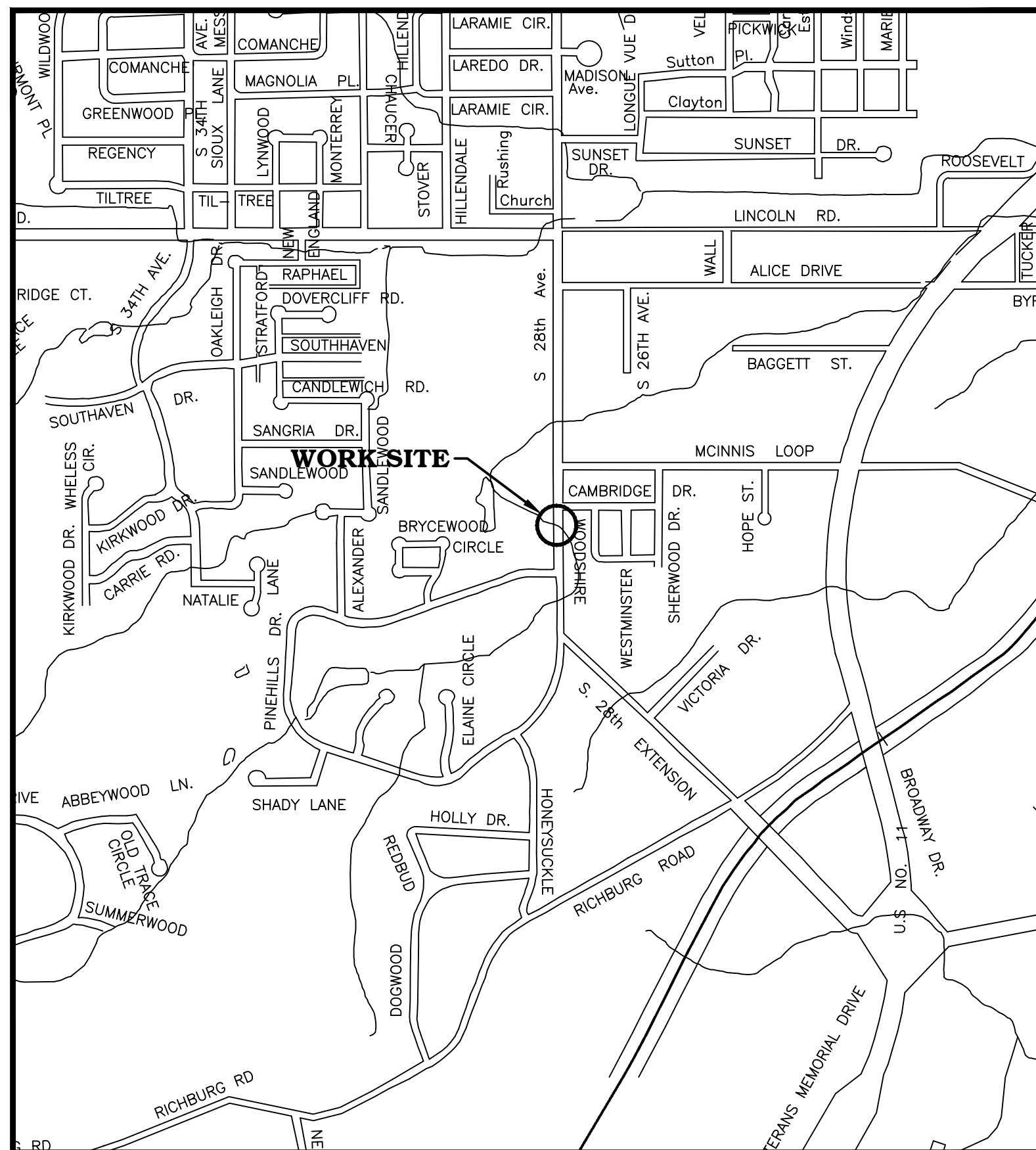
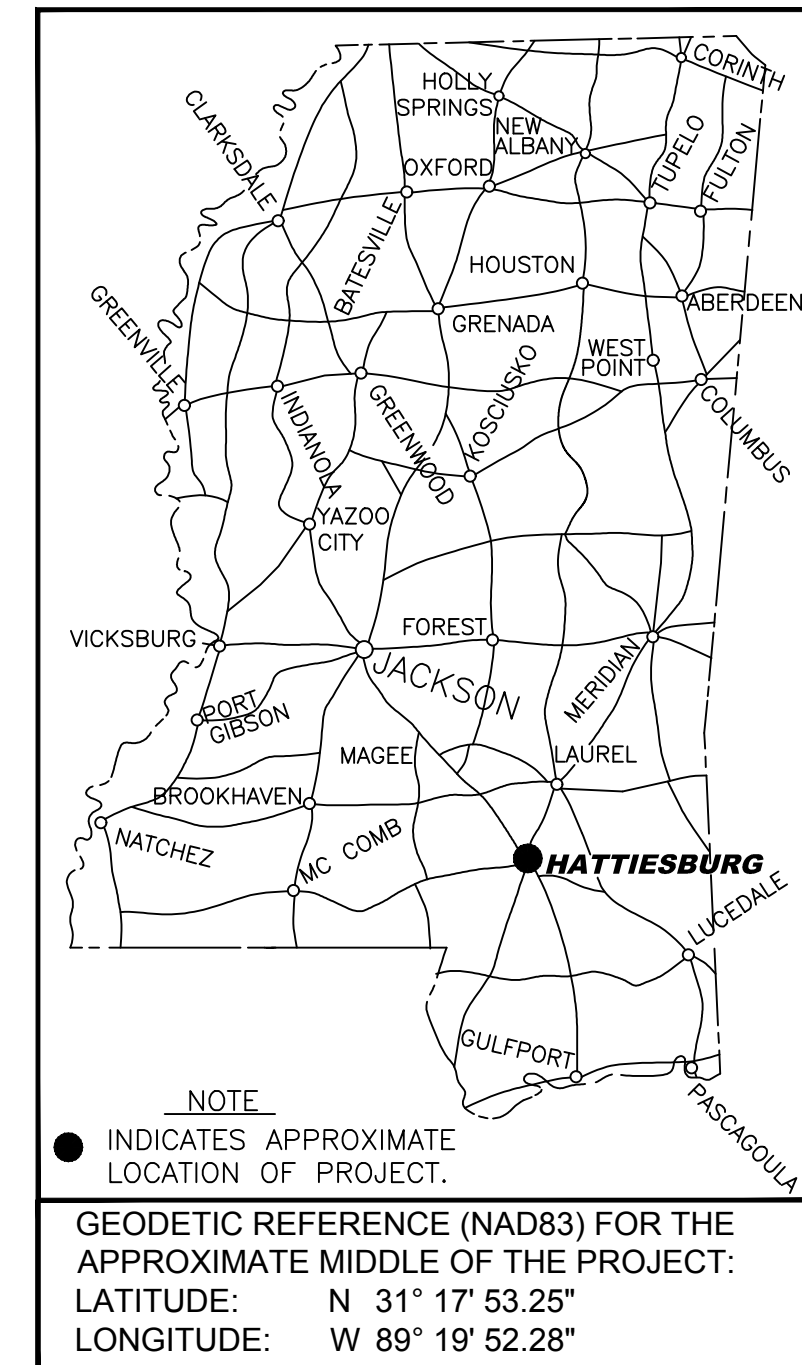
FOR

SOUTH 28th AVENUE
BRIDGE REPLACEMENT

Bridge # SA18-157

FOR THE

CITY OF HATTIESBURG
FORREST COUNTY, MISSISSIPPI



MAYOR
Toby Barker

COUNCIL PERSONS
Carter Carroll, President
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Engineering Progress
301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com

Working No. 01
Sheet No. 1
Drawing No.: 11204

FEBRUARY 2018

NO.	DATE	DESCRIPTION	BY

- SPECIAL UTILITY NOTES:**
- UTILITY LOCATION REQUESTS WERE SUBMITTED TO MISSISSIPPI 811 (FORMERLY MISSISSIPPI ONE CALL) DURING THE FIELD DATA COLLECTION PHASE FOR THE DESIGN OF THIS PROJECT. ALL UTILITIES THAT LOCATED DURING THE FIELD DATA COLLECTION ARE SHOWN ON THESE PLANS. ALL CONFLICTS WITH EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION SHALL BE COORDINATED WITH THE UTILITY OWNER, THE ENGINEER AND THE PROJECT OWNER PRIOR TO INSTALLATION OF THE PROPOSED WATER SYSTEM. (NO SEPARATE PAY FOR COORDINATION)
 - THE CONTRACTOR SHALL DOCUMENT THE EXISTENCE OF ANY MISSING AND/OR OVERLAPPING UNDERGROUND UTILITIES AND STORM DRAINAGE NOT SHOWN ON THESE CONSTRUCTION DRAWINGS.

MISSISSIPPI 811 TICKETS	
TICKET No.	DESCRIPTION



Know what's below.
Call before you dig.

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DESCRIPTION OF SHEET

REV. DATE

WK. NO.

SHEET NO.

GENERAL NOTES:

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01

DETAILED INDEX AND GENERAL NOTES SHEET (1)

02

TYPICAL SECTION SHEET (1)

03

QUANTITY SHEET (1)

04

ESTIMATED QUANTITY SHEET (1)

05

PLAN PROFILE SHEETS (1)

STA. 7+00 - STA. 13+00

06

SPECIAL DESIGN SHEETS (5)

BOX CULVERT DETAIL

07

BOX BEND DETAIL

08

RIPRAP DETAIL

09

TRAFFIC CONTROL PLAN

10

VEGETATION SCHEDULE

11

HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS

SDTCP-10

12

ROADWAY DESIGN STANDARDS (10)

PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS

(12-01-99)

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140

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300

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305

TYPE I MEDIAN INLET (24" PIPE & UNDER)

(3-01-02)

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IG-1

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BOX BRIDGE STANDARDS (9)

BASIC CULVERT DRAWING, BARRELL JOINT LOCATIONS, NORMAL AND SKEWED CULVERTS, GROUP I DIAGRAMS

IBJL-1

7005

WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, DOUBLE CELL, 0° SKEW DETAILS, HEIGHTS 6 - 12 FT., SPANS 12 - 40 FT., SHT. 1 OF 1

IWD-3W

7136

WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, DOUBLE CELL, 0° SKEW DETAILS, HEIGHT 6 FT., SPANS 12 - 32 FT., SHT. 1 OF 2

IWD-4

7137

WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, DOUBLE CELL, 0° SKEW DETAILS, HEIGHT 6 FT., SPANS 12 - 32 FT., SHT. 2 OF 2

IWD-4

7138

WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, DOUBLE CELL, 15° SKEW DETAILS, HEIGHTS 6 - 12 FT., SPANS 12 - 40 FT., SHT. 1 OF 2

IWD-3W-15

7158

WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, DOUBLE CELL, 15° SKEW DETAILS, HEIGHTS 6 - 12 FT., SPANS 12 - 40 FT., SHT. 2 OF 2

IWD-3W-15

7159

WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, DOUBLE CELL, 15° SKEW DETAILS, HEIGHT 6 FT., SPANS 12 - 32 FT., SHT. 1 OF 3

IBDM-4W

7160

WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, DOUBLE CELL, 15° SKEW DETAILS, HEIGHT 6 FT., SPANS 12 - 32 FT., SHT. 2 OF 3

IBDM-4W

7161

WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, DOUBLE CELL, 15° SKEW DETAILS, HEIGHT 6 FT., SPANS 12 - 32 FT., SHT. 3 OF 3

ISK-15-4W

7162

TOTAL SHEETS

31

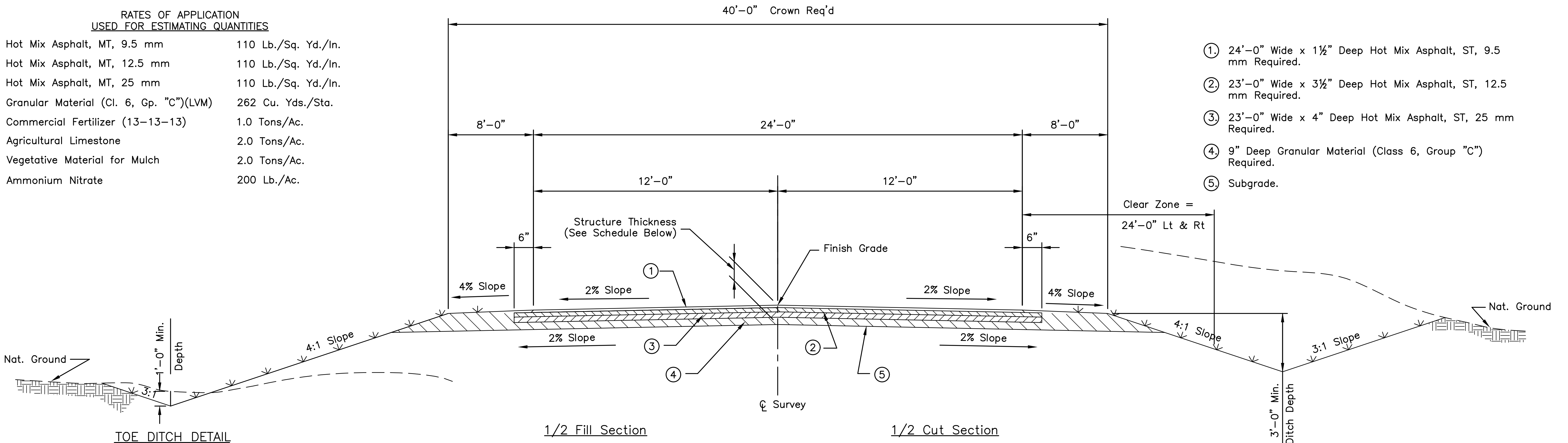
1. ALL TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. (LATEST EDITION).
2. ALL EXISTING STREET SIGNAGE CONFLICTING WITH CONSTRUCTION SHALL BE REMOVED DURING CONSTRUCTION, REPLACED AFTER CONSTRUCTION AND SHALL BE CONSIDERED PART OF MAINTENANCE OF TRAFFIC. (NOT A SEPARATE PAY ITEM)
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL EXISTING TOPOGRAPHIC DATA, LOCATION AND PROTECTION OF ALL EXISTING UTILITIES WITHIN THE WORK AREA AND ALL OTHER SITE CONDITIONS PRIOR TO THE BEGINNING OF CONSTRUCTION.
4. ALL UTILITIES SHALL BE RELOCATED BY THE UTILITY OWNERS, WHERE CONFLICT WITH CONSTRUCTION OCCURS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH THE UTILITY OWNER.
5. EXISTING PIPES TO REMAIN IN PLACE WITHIN THE CONSTRUCTION LIMITS SHALL BE CLEANED OF ALL FOREIGN MATERIAL PRIOR TO FINAL ACCEPTANCE (NOT A SEPARATE PAY ITEM).
6. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
7. THE CONTRACTOR SHALL VERIFY AND/OR REESTABLISH ALL CENTERLINES AS DEFINED ON THESE PLANS AND SPECIFICATIONS.
8. THE LOCATION AND SPACING OF SIGNS SHOWN ON THE CONSTRUCTION SIGNING PLAN ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
9. ALL WATER VALVE BOXES AND MANHOLE TOPS SHALL BE ADJUSTED TO MATCH FINISH GRADE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING AS STIPULATED IN THE SPECIFICATIONS. CONTROL COORDINATE SYSTEM AVAILABLE THROUGH THE ENGINEER.
11. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE ANY EXISTING STRUCTURES, PAVEMENTS OR ANY OTHER SITE COMPONENTS NOT DESIGNATED FOR DEMOLITION AND REMOVAL. ANY SUCH ITEMS DAMAGED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
12. THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENTS, STRUCTURES, SOIL AND OTHER ITEMS AS INDICATED ON THE PLANS AND AS REQUIRED FOR PROJECT CONSTRUCTION AND SHALL BE DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE.
13. TESTING SHALL BE PROVIDED BY THE CONTRACTOR AND SHALL BE PERFORMED BY A TESTING LABORATORY THAT IS MDOT CERTIFIED AND APPROVED BY THE ENGINEER. (NOT A SEPARATE PAY ITEM)
14. PRIOR TO COMMENCING CONSTRUCTION THE CONTRACTOR SHALL STRIP AND STOCKPILE ALL TOPSOIL WITHIN THE PROJECT LIMITS. THE STRIPPED AND STOCKPILED TOPSOIL SHALL BE USED TO PLATE THE FINISHED SLOPES PRIOR TO THE ESTABLISHMENT OF VEGETATION. (NOT A SEPARATE PAY ITEM).
15. THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION." (PAY ITEM NUMBERS SHALL BE AS DEFINED IN THE PROPOSAL.)
16. CONTRACTOR SHALL COORDINATE WITH BUSINESS OWNERS ALONG PROJECT TO INSURE INGRESS AND EGRESS TO THESE BUSINESSES AT ALL TIMES.
17. PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL APPLY HERBICIDE TO ALL VEGETATION LOCATED ON PAVEMENT, CURB, AND SIDEWALK AREAS WITHIN THE PROJECT LIMITS. (NOT A SEPARATE PAY ITEM)
18. PRIOR TO COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL VEGETATION, SOIL AND DEBRIS FROM PAVEMENT, CURB AND SIDEWALK AREAS WITHIN THE PROJECT LIMITS. (NOT A SEPARATE PAY ITEM)
19. HOT MIX ASPHALT PAVEMENT SHALL BE COMPACTED WITH A STATIC ROLLER.



NO.	DATE	DESCRIPTION	BY
VICINITY MAP & NOTES			
SOUTH 28TH AVENUE BRIDGE REPLACEMENT CITY OF HATTIESBURG			
SD &W SHOWS, DEARMAN & WAITS, INC. CONSULTING ENGINEERS HATTIESBURG, MISSISSIPPI, 39403-1711 201 SECOND AVENUE HATTIESBURG, MISSISSIPPI, 39401 HTTP://WWW.SD-W.COM P: (601) 544-1821 F: (601) 544-0501			
Drawn by: NMC		Checked by: NMC	
Date: 1-28-14		Scale: AS NOTED	
Drawing No.: 11204		Sheet No. 02	

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RATES OF APPLICATION USED FOR ESTIMATING QUANTITIES	
Hot Mix Asphalt, MT, 9.5 mm	110 Lb./Sq. Yd./In.
Hot Mix Asphalt, MT, 12.5 mm	110 Lb./Sq. Yd./In.
Hot Mix Asphalt, MT, 25 mm	110 Lb./Sq. Yd./In.
Granular Material (Cl. 6, Gp. "C")(LVM)	262 Cu. Yds./Sta.
Commercial Fertilizer (13-13-13)	1.0 Tons/Ac.
Agricultural Limestone	2.0 Tons/Ac.
Vegetative Material for Mulch	2.0 Tons/Ac.
Ammonium Nitrate	200 Lb./Ac.



- ① 24'-0" Wide x 1½" Deep Hot Mix Asphalt, ST, 9.5 mm Required.
- ② 23'-0" Wide x 3½" Deep Hot Mix Asphalt, ST, 12.5 mm Required.
- ③ 23'-0" Wide x 4" Deep Hot Mix Asphalt, ST, 25 mm Required.
- ④ 9" Deep Granular Material (Class 6, Group "C") Required.
- ⑤ Subgrade.

TYPICAL GRADE, DRAIN, BASE & PAVE SECTION

STA. 9+00.00 TO STA. 10+25.00
N.T.S.

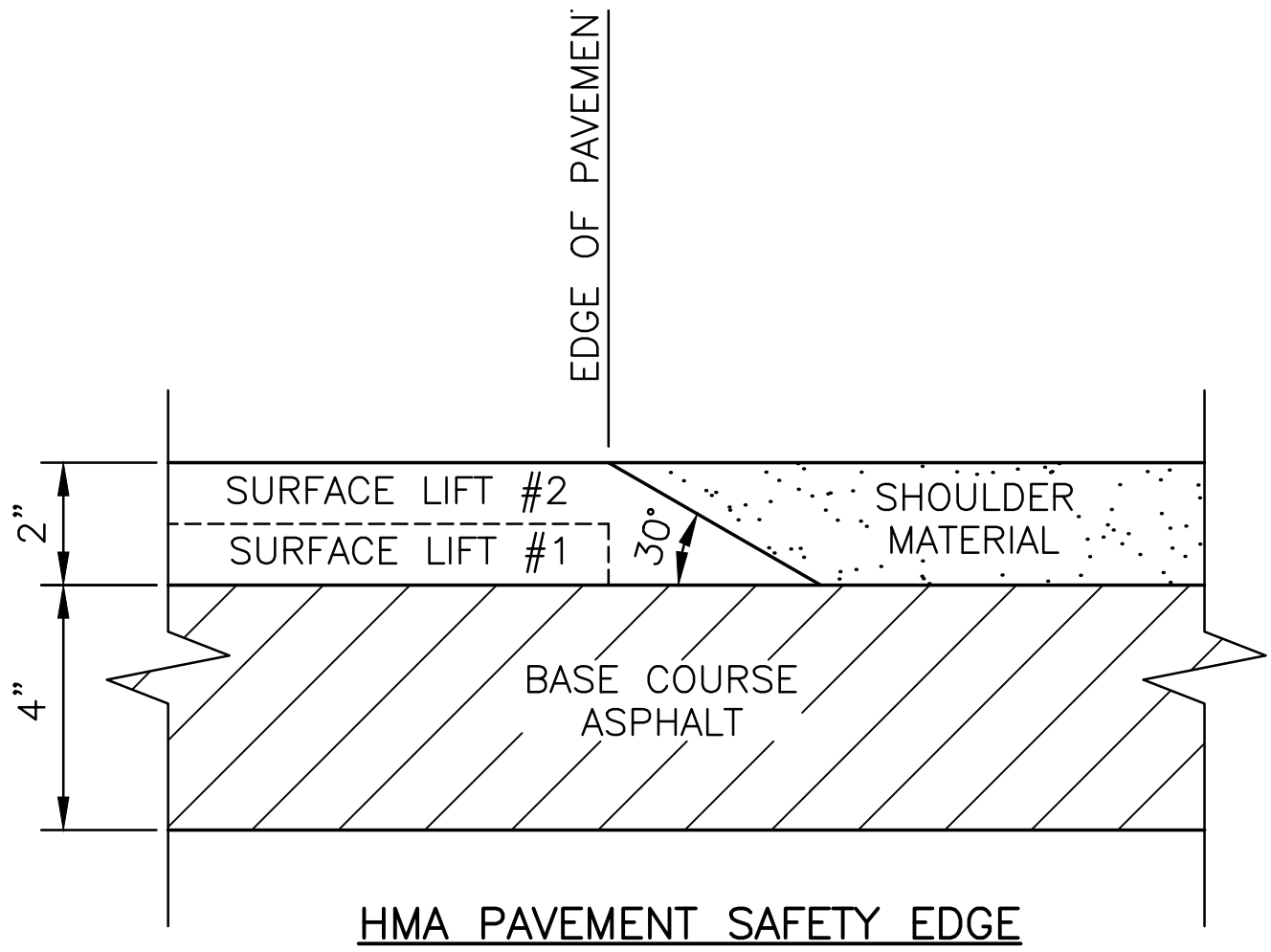
GENERAL NOTES

Erosion Control Measures To Be Applied On Indicated Area
(**vvvv**) As Per Seasonal Limitations.

Before Final Acceptance, The Entire Right-Of-Way Shall Be
Mowed By The Contractor At No Cost To The Project.

HMA Pavement Safety Edge is Required Per Notice to Bidders
Number 15.

FLEXIBLE PAVEMENT DESIGN



DATA FOR PAVEMENT DETERMINATION		REQUIRED STRUCTURE NUMBER	
(2014) ADT = 10,000	Current	2022	2034
(2022) ADT = 11,104	n Year	ADL 356	ADL 388
(2034) ADT = 13,000	Design	CBR 5	CBR 5
DHV = 1,950		SSV 3.72	SSV 3.72
D = 50 % of DHV		PT 2.5	PT 2.5
T = 10 % of DHV			
T (Total) = 10 % of ADT			
18k (Rigid) = 0 /1000		SN 4.019	SN 4.683
18k (Flex) = 675 /1000			
CBR = 5			

SCHEDULE OF BASE STRUCTURE THICKNESS														
STATION TO STATION	ESTIMATED SUBGRADE CBR	SOIL SUPPORT VALUE	AVERAGE DAILY LANE LOADING	STRUCTURE NUMBER REQUIRED	SUBBASE THICKNESS		HMA, ST 25 mm THICKNESS		HMA, ST 12.5 mm THICKNESS		HMA, ST 9.5 mm THICKNESS		TOTAL PROVIDED	
					IN	SN	IN	SN	IN	SN	IN	SN	IN	SN
BOP – EOP	5	3.72	356	4.019	9.0	0.90	4.0	1.36	3.5	1.19	1.5	0.66	18.0	4.11

NOTE: SUBGRADE CBR IS ESTIMATED ONLY. A SUBGRADE SOIL PROFILE WILL BE PREPARED AND THE CBR AND THE
REQUIRED BASE STRUCTURE THICKNESS DETERMINED AFTER GRADING AND BEFORE PLACING BASE MATERIAL.

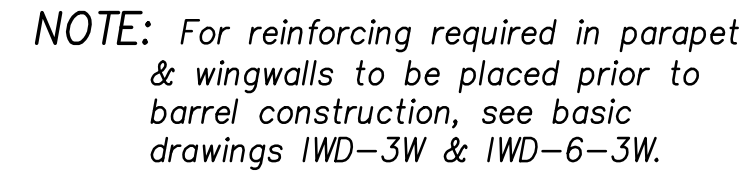
NO.	DATE	DESCRIPTION	BY
TYPICAL SECTION			
SOUTH 28th AVENUE BRIDGE REPLACEMENT CITY OF HATTIESBURG			
sdw Engineering Progress 301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
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Date: 02-19-2014		Scale: AS NOTED	
Drawing No.: 11204		Sheet No. 03	

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SUMMARY OF QUANTITIES				
PAY ITEM NO	PAY ITEM	UNIT	PRELIMINARY	FINAL
	ROADWAY ITEMS			
201-A	Clearing and Grubbing	Lump Sum	Lump Sum	
202-B	Removal of Asphalt, All Depths	Sq. Yd.	333	
203-A	Unclassified Excavation, FM	Cu. Yd.	760	
203-E	Borrow Excavation, LVM, Class 9	Cu. Yd.	294	
304-A	Granular Material, LVM, Class 6, Group "C"	Cu. Yd.	328	
403-A	Hot Mix Asphalt, ST, 9.5 mm Mixture	Ton	28	
403-A	Hot Mix Asphalt, ST, 12.5 mm Mixture	Ton	67	
403-A	Hot Mix Asphalt, ST, 25 mm Mixture	Ton	76	
601-B	Class "B" Structural Concrete, Minor Structures	Cu. Yd.	0.87	
602-A	Reinforcing Steel	Lb.	60	
603-CA	18" Reinforced Concrete Pipe, Class III	Lin. Ft.	16	
603-CB	18" Reinforced Concrete End Section	Each	1	
603-CE	18" x 11" Concrete Arch Pipe, Class AIII	Lin. Ft.	16	
603-SB	18" Branch Connection To Box Wingwall	Each	1	
603-SB	18"x11" Branch Connection To Box	Each	1	
604-B	Gratings	Lb.	250	
613-D	Adjustment of Manholes	Each	1	
617-A	Right of Way Markers (Type II)	Each	9	
618-A	Maintenance of Traffic	Lump Sum	Lump Sum	
618-B	Additional Construction Signs	Sq. Ft.	0.0	
620-A	Mobilization	Lump Sum	Lump Sum	
626-C	6" Thermoplastic Edge Stripe, Continuous White, 60 mils	Mile	0.024	
626-E	6" Thermoplastic Traffic Stripe, Continuous Yellow, 90 mils	Lin. Ft.	250	
627-D	Two-Way Yellow Reflective Raised Markers	Each	4	
	EROSION CONTROL ITEMS			
213-A	Agricultural Limestone	Ton	0.8	
213-B	Commercial Fertilizer, 13-13-13	Ton	0.4	
213-D	Ammonium Nitrate	Ton	0.04	
214-A	Seeding	Acre	0.4	
215-A	Vegetative Materials for Mulch	Ton	0.8	
216-A	Solid Sodding	Sq. Yd.	200	
234-A	Temporary Silt Fence	Lin. Ft.	1,000	
237-A	Wattles, 20"	Lin. Ft.	200	
815-B	Grouted Riprap	Sq. Yd.	555	
815-E	Geotextile Under Riprap, Type V, AOS 0.21-0.43	Sq. Yd.	555	
	BOX BRIDGE ITEMS			
804-B	Box Bridge Concrete, Class "BB"	Cu. Yd.	337.80	
805-A	Reinforcement	Lb.	60,610	

NOTES: Temporary Silt Fence Includes 1000 Lin. Ft. Estimated to be Used at the Direction of the Engineer.
Wattles Includes 200 Lin. Ft. Estimated to be Used at the Direction of the Engineer.
Cementitious Material Exposure to Sulfates is Negligible.

NO.	DATE	DESCRIPTION	BY
SUMMARY OF QUANTITIES SHEET			
SOUTH 28th AVENUE BRIDGE REPLACEMENT CITY OF HATTIESBURG			
sdw Engineering Progress 301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
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Date: 02-19-2014		Scale: AS NOTED	
Drawing No.: 11204		Sheet No. 04	



GENERAL NOTES:
Specifications: Mississippi Standard Specifications for Road and Bridge Construction, 2017 Edition.
No change of plans will be permitted except by written approval of the Engineer. Minor changes in detail of design or construction procedure may be authorized by the Engineer's Project Representative provided such changes will not be cause for contract price adjustment.
All concrete shall be class "B".
Expansion joint material shall be bituminous fiber type unless otherwise noted.
All exposed edges shall be chamfered $\frac{3}{4}$ ".
Bar bending details shall be in accordance with "Manual of Standard Practice for Detailing Reinforced Concrete Structures" (ACI 315R-94).
Reinforcement order lists and required placing plans shall be furnished in accordance with section 805 of the Mississippi Standard Specifications.
Partial submittals are not acceptable.
Horizontal construction joints may be placed only at the locations shown and concrete shall be allowed to set a minimum of 2 hours before continuing pour.
Reinforcing steel shall be placed in accordance with cross sections and shall be adequately supported from the forms.
All bars shall be accurately spaced and securely wired at each intersection before placing concrete of the reinforcing steel.
All dimensions shall be verified in the field prior to fabrication.
Finish concrete per section 804.03.19.6.2 of the specifications.
Reinforcing steel shall be ASTM A615, grade 60 unless otherwise noted.
Work for which no pay item is provided in the proposal will not be paid for directly and compensation therefor will be included in the prices and payments for bid items.
Concrete in collars shall be allowed to set a minimum of 24 hours before continuing pour.

MARK	LENGTH
AB	25'-11"
AT	25'-11"
E	5'-9"
ED	4'-3"
H	5'-9"
HD	4'-3"
XB	25'-11"
XT	25'-11"

SIZE	SPLICE (FT)
#4	1'-5"
#5	1'-9"
#6	2'-1"
#7	2'-8"
#8	3'-5"
#9	4'-4"
#10	5'-6"
#11	6'-9"



BAR BENDING DETAILS

EST. QUANTITIES PER LIN. FT. BARREL	
CONCRETE CU. YD.	REINFORCING STEEL LBS
2.8519	544.030

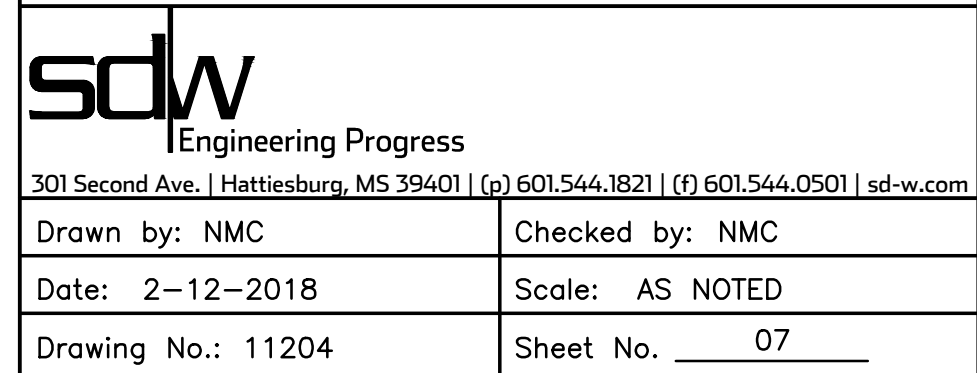
SPECIAL PROVISIONS REQUIRED:
Concrete bridges and structures No. 907-804

DESIGN DATA:
 Specifications. A.A.S.H.T.O., 2010 LRFD
 Loading. HL-93
 Box bridge concrete. Class "B" (3,500 p.s.i.)
 Equivalent fluid pressure. . . . 45 lbs. per cu. ft.

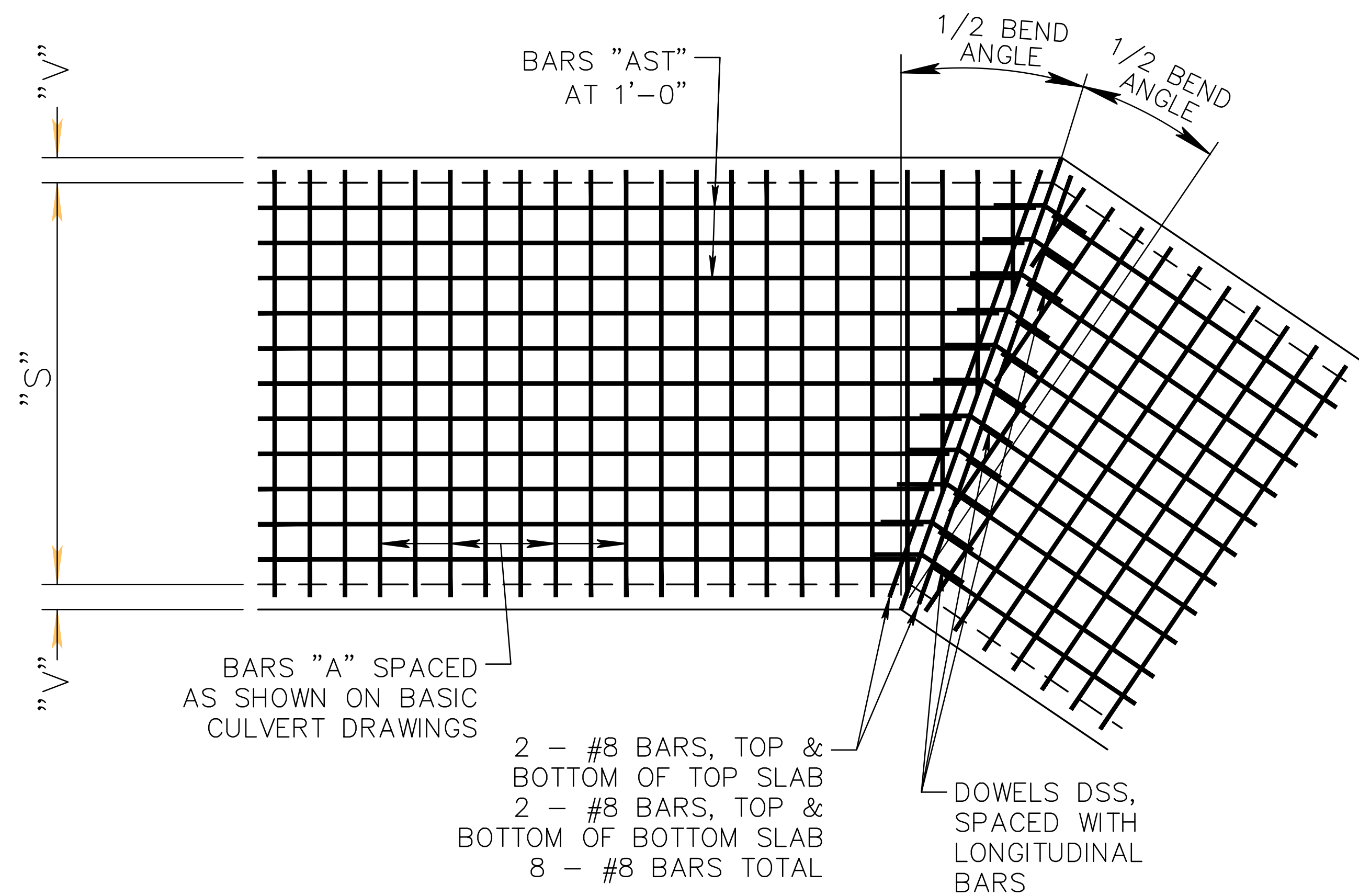
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BOX BRIDGE DETAILS

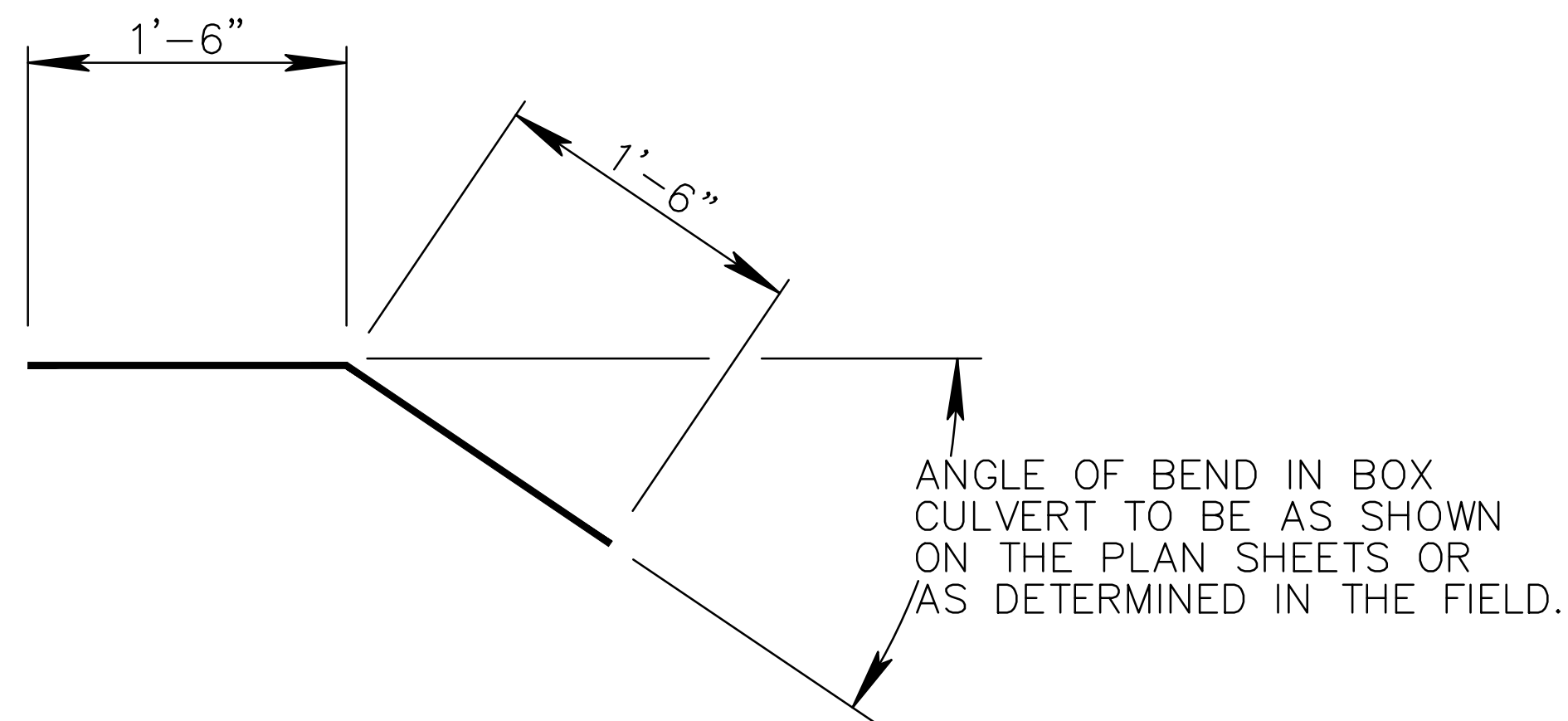
SOUTH 28TH AVENUE
BRIDGE REPLACEMENT
CITY OF HATTIESBURG



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PLAN OF BARREL
SHOWING CONCRETE DIMENSIONS
AND REINFORCING IN TOP SLAB.
(BOTTOM SLAB IS SIMILAR)



DETAIL OF DOWELS DSS - #4

SHEET NO.	STATION	SIZE	ANGLE OF BEND	*NO. OF DOWELS DSS-#4	NO. & LENGTH OF #8 BARS	EST. REINF. STEEL (LBS)
6	9+56.24	DBL. 12'x6'	64°	76	8 x 25'-11"	706

- * SINGLE CELL
NO. OF DOWELS DSS = NO. OF BARS AST + BARS ASB + BARS BS
- * DOUBLE CELL
NO. OF DOWELS DSS = NO. OF BARS AST + BARS ASB + BARS BS + BARS ES

GENERAL NOTES

- THIS DRAWING IS SUPPLEMENTARY TO THE BASIC CULVERT DRAWINGS OF THE M.D.O.T. STANDARD DRAWING SERIES IBS AND IBD.
- THE ANGLE OF BEND IN THE BOX CULVERT SHALL BE CHECKED IN THE FIELD BEFORE ORDERING REINFORCING STEEL
- THIS DRAWING IS FOR A SINGLE CELL CULVERT. DOUBLE CELL STRUCTURES ARE SIMILAR.

NO.	DATE	DESCRIPTION	BY
BOX BEND DETAIL			
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Date: 02-19-2014		Scale: AS NOTED	
Drawing No.: 11204		Sheet No. 08	

CONSTRUCTION NOTES:

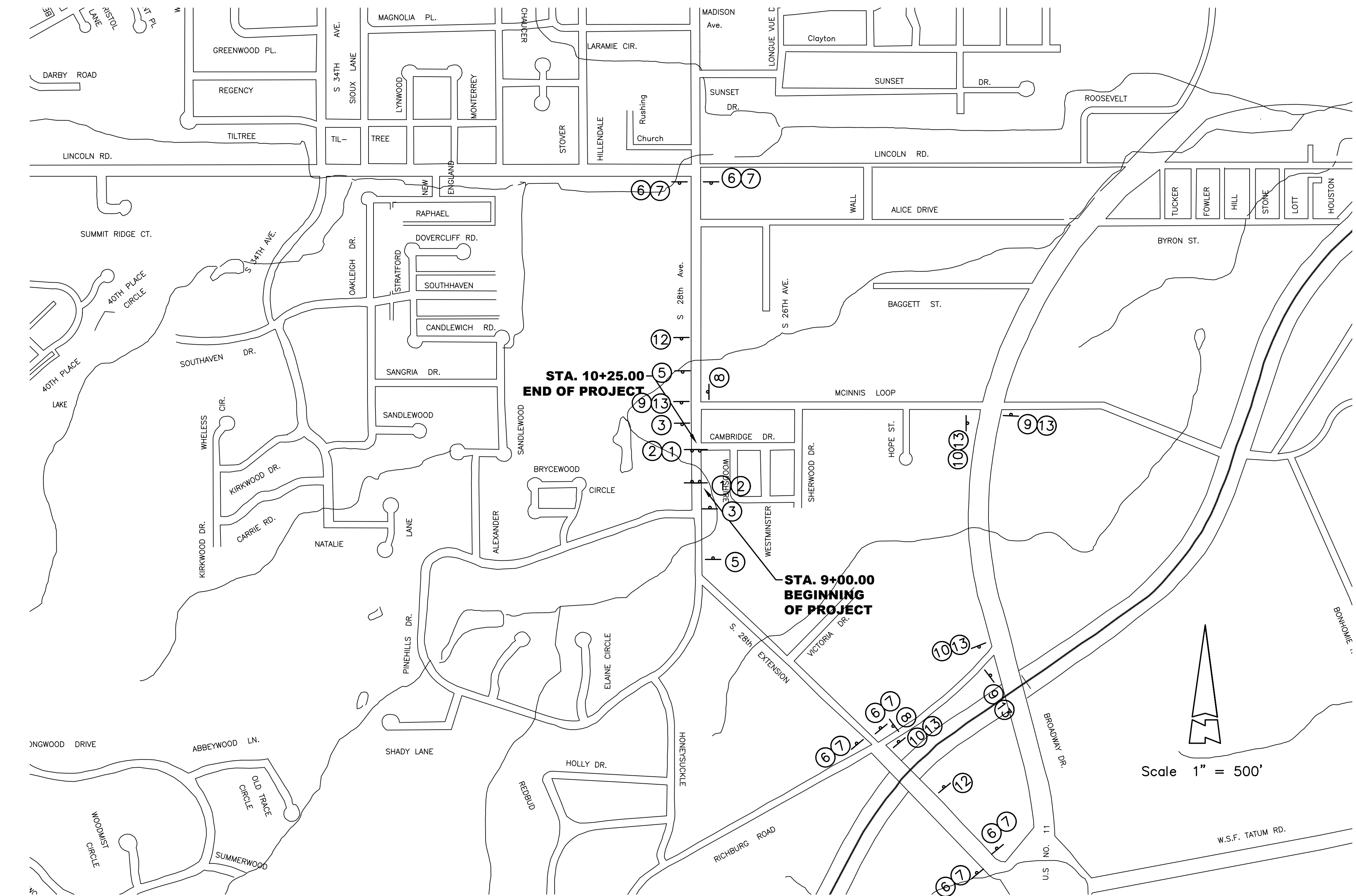
1. AFTER ALL CONSTRUCTION IS COMPLETE BUT PRIOR TO STRIPING, THE ENTIRE PROJECT SHALL BE OPENED TO ALL TRAFFIC.
2. WHENEVER PAVEMENT CONSTRUCTION HAS PROGRESSED SUFFICIENTLY TO PERMIT TRAFFIC MOVEMENT THAT IS UNRESTRICTED BY CHANNELIZING OR OTHER TRAFFIC CONTROL METHODS, TEMPORARY RAISED PAVEMENT MARKERS SHALL BE INSTALLED PER S-619.08. THE CONTRACTOR SHALL REPLACE RAISED PAVEMENT MARKERS AS NECESSARY. IF MORE THAN ONE BITUMINOUS LIFT IS REQUIRED, THE TEMPORARY RAISED PAVEMENT MARKERS SHALL BE INSTALLED AND MAINTAINED IN A LIKE MANNER AFTER EACH LIFT. THE TEMPORARY RAISED PAVEMENT MARKERS SHALL BE INSTALLED PRIOR TO THE APPLICATION OF THE SEAL COAT. THIS WORK IS NOT A SEPARATE PAY ITEM BUT WILL BE CONSIDERED INCLUDED IN THE LUMP SUM PAYMENT FOR PAY ITEM NO. S-618-A, 'MAINTENANCE OF TRAFFIC'.
3. PRIOR TO OPENING THE PROJECT TO TRAFFIC, R4-1 'DO NOT PASS' OR R4-2 'PASS WITH CARE' SIGNS SHALL BE INSTALLED ON THE RIGHT HAND SIDE OF THE ROAD AT THE B.O.P. AND THE E.O.P. AND THE BEGINNING AND THE END OF THE NO-PASSING ZONES AND W14-3 SIGNS ON THE LEFT HAND SIDE OF THE ROADWAY IN ACCORDANCE WITH THE PERMANENT STRIPING SCHEDULE IN THE PLANS. THIS WORK IS NOT A SEPARATE PAY ITEM BUT WILL BE CONSIDERED INCLUDED IN THE LUMP SUM PAYMENT FOR PAY ITEM NO. S-618-A, 'MAINTENANCE OF TRAFFIC'.

DURING STRIPING OPERATIONS:

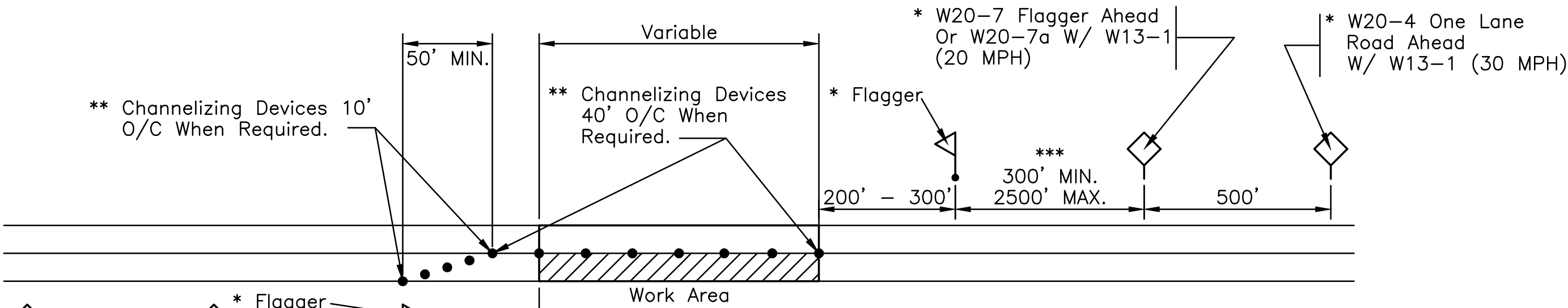
4. A SHADOW VEHICLE SHALL BE POSITIONED APPROXIMATELY 300 FEET IN FRONT OF AND BEHIND PAINTING OPERATIONS.
5. THE SHADOW VEHICLE SHALL CARRY A SIGN 'ROADWAY STRIPING AHEAD, BOTTOM OF SIGN SHALL BE A MINIMUM OF SIX (6) FEET ABOVE PAVEMENT.
6. A FLASHING YELLOW LIGHT SHALL BE INSTALLED ABOVE TOP OF WARNING SIGNS.
7. A FLASHING YELLOW LIGHT SHALL BE INSTALLED ON ALL VEHICLES USED IN THE MARKING OPERATIONS.

GENERAL NOTES:

1. CONTRACTOR SHALL INSTALL TRAFFIC CONTROL DEVICES SUCH AS CONES, DRUMS, FLASHERS, BARRICADES, SIGNS, ETC., TO SAFELY CHANNEL OR DIRECT TRAFFIC. WHEN NECESSARY, FLAGGERS SHALL BE USED IN CONJUNCTION WITH TRAFFIC CONTROL DEVICES (FLAGGER AHEAD SIGN REQUIRED IN ADVANCE OF FLAGGERS EXCEPT DURING BRIEF PERIODS OR EMERGENCY SITUATIONS.)
2. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED WHENEVER NECESSARY, REMAIN IN PLACE ONLY AS LONG AS THEY ARE NEEDED, AND REMOVED IMMEDIATELY THEREAFTER.
3. PAY FOR INSTALLATION, MAINTENANCE AND REMOVAL OF TRAFFIC CONTROL DEVICES WILL BE MADE UNDER PAY ITEM NOS. S-618-A AND S-618-B.
4. TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE APPLICABLE SPECIFICATIONS OF THE 'MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES', LATEST EDITION.
5. THESE ARE MINIMUM REQUIREMENTS AND IN NO WAY RELIEVE THE CONTRACTOR OF HIS OBLIGATION TO MAINTAIN TRAFFIC IN A SAFE MANNER.
6. SEE STANDARD DRAWINGS 259 AND SA-TSP-1 FOR CORRECT PLACEMENT AND INSTALLATION OF BARRICADES AND SIGNS.
7. CONTRACTOR SHALL INSTALL ADVANCE WARNING SIGNS SUCH AS WATCH FOR TRUCKS, TRUCKS TURNING, TRUCKS CROSSING, ETC., AND PLACE FLAGGERS AS DIRECTED BY THE COUNTY ENGINEER ALONG PUBLIC ROADS ON EACH SIDE OF BORROW PIT ENTRANCE OR CROSSING OF PUBLIC ROADS.
8. SEE SPECIAL PROVISION NO. 901-S-618-1 FOR ADDITIONAL CONTRACT REQUIREMENTS.



TRAFFIC CONTROL PLAN



ONE LANE CLOSURE DETAIL

(All Signs Shall Be Mounted On Portable Stands)

- * To Move With Work Operation
- ** Channelizing Devices Shall Be A Minimum Height Of 24"
- *** 500' For Stationary Work Sites.

TRAFFIC SIGNS

EXISTING TRAFFIC SIGNS SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL PROJECT IS COMPLETE AND PERMANENT SIGNS ARE INSTALLED UNLESS THE EXISTING SIGNS INTERFERE WITH AND/OR CONFLICT WITH CONSTRUCTION SIGNS. IF ANY EXISTING TRAFFIC SIGNS WITHIN THE PROJECT LIMITS ARE IN CONFLICT WITH THE PROJECT CONSTRUCTION, THEY SHALL BE RELOCATED SO AS TO SERVE THEIR ORIGINAL PURPOSE.

* SUPPLEMENTAL PLATE TO HAVE MINIMUM 4" HIGH LETTERS - BLACK ON ORANGE

SIGN SCHEDULE		
SIGN	DESCRIPTION	
1	TYPE III	BARRICADE ACROSS ENTIRE ROADWAY
2	R11-2a	ROAD CLOSED
3	W20-3	ROAD CLOSED 200 FT
4	W20-3	ROAD CLOSED 400 FT
5	W20-3	ROAD CLOSED 600 FT
6	R11-4	ROAD CLOSED TO THRU TRAFFIC
7	TYPE III	BARRICADE (6' WIDE) (WING TYPE)
8	M4-8a	END DETOUR
9	M4-9L	SMALL DETOUR ARROW SIGN
10	M4-9R	SMALL DETOUR ARROW SIGN
11	W20-1	ROAD WORK AHEAD SIGN
12	W20-2	ADVANCE DETOUR SIGN 500 FT
13	SUPPLEMENTAL ROAD NAME PLATE*	

NO.	DATE	DESCRIPTION	BY
TRAFFIC CONTROL PLAN			
SOUTH 28TH AVENUE BRIDGE REPLACEMENT CITY OF HATTIESBURG			
 SHOWS, DEARMAN & WAITS, INC. CONSULTING ENGINEERS			
HATTIESBURG, MISSISSIPPI 39403-1711 201 SECOND AVENUE HATTIESBURG, MISSISSIPPI 39401 P: (601) 544-1821 F: (601) 544-0501			
Drawn by: NMC		Checked by: NMC	
Date: 1-28-14		Scale: AS NOTED	
Drawing No.: 11204		Sheet No.: 09	

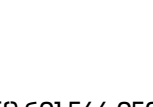
VEGETATION SCHEDULE	
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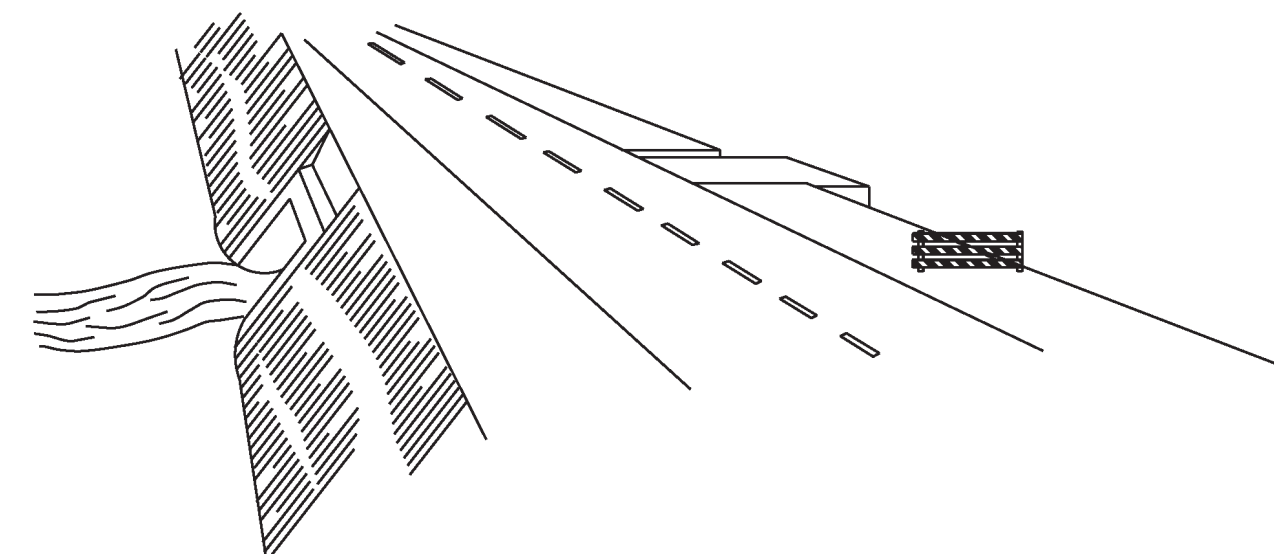
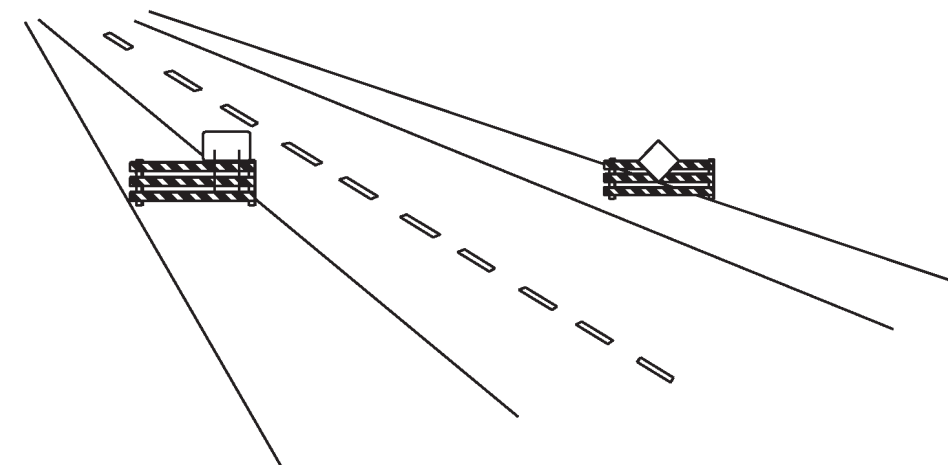
EROSION CONTROL ITEMS		SEASONAL APPLICATIONS - DATES & RATES				REQUIREMENTS
		SPRING & SUMMER		FALL & WINTER		
PAY ITEM NO.	ITEMS	RATES	DATES	RATES	DATES	
211-B001	TOPSOIL FOR SLOPE TREATMENT (LVM)	4" THICK	MARCH 1 TO SEPTEMBER 1	4" THINK	SEPTEMBER 1 TO MARCH 1	TOPSOIL REQUIRED ON SLOPES DETERMINED BY THE ENGINEER DURING CONSTRUCTION
212-B001	STANDARD GROUND PREPARATION	PER SQ. FT.	MARCH 1 TO SEPTEMBER 1	PER SQ. FT.	SEPTEMBER 1 TO MARCH 1	GROUND PREPARATION REQUIRED ON AREAS TO RECEIVE SOLID SODDING OR SEEDING, AS APPLICABLE
907-213-A001	AGRICULTURAL LIMESTONE	3 TONS / ACRE	MARCH 1 TO SEPTEMBER 1	3 TONS / ACRE	SEPTEMBER 1 TO MARCH 1	LIMESTONE SHALL BE MECHANICALLY SPREAD UNIFORMLY AND INCORPORATED INTO THE SOIL PRIOR TO PLANTING
213-B001	COMBINATION FERTILIZER (13-13-13)	1000 LBS / ACRE	MARCH 1 TO SEPTEMBER 1	1000 LBS / ACRE	SEPTEMBER 1 TO MARCH 1	FERTILIZER SHALL BE MECHANICALLY SPREAD UNIFORMLY AND INCORPORATED INTO THE SOIL PRIOR TO PLANTING
213-C001	SUPER PHOSPHATE	0.5 TON / ACRE (EST)	MARCH 1 TO SEPTEMBER 1			SUPER PHOSPHATE (FOR BID ITEM PURPOSES)
214-A002	SEEDING (BERMUDA GRASS)	20 LBS / ACRE	MARCH 1 TO SEPTEMBER 1	20 LBS / ACRE	SEPTEMBER 1 TO MARCH 1	SEED REQUIRED ON DISTURBED AREAS. UNHULLED SEED MAY BE REQUIRED DURING THE DORMANT SEASON AS DIRECTED
214-A003	SEEDING (TALL FESCUE)			15 LBS / ACRE	AUGUST 15 TO MARCH 15	SEED REQUIRED IN DISTURBED AREAS
214-A004	SEEDING (CRIMSON CLOVER)			20 LBS / ACRE	AUGUST 15 TO MARCH 15	SEED REQUIRED ON DISTURBED AREA
215-A001	VEGETATIVE MATERIAL FOR MULCH	2 TONS / ACRE (EST)	MARCH 1 TO SEPTEMBER 1	2 TONS / ACRE (EST)	SEPTEMBER 1 TO MARCH 1	THE ENGINEER WILL DESIGNATE THE RATES OF APPLICABLE (SEE SUBSECTION 215-03.3)
216-A001	SOLID SODDING	PER SQ. YD.	MARCH 1 TO SEPTEMBER 1	PER SQ. YD.	SEPTEMBER 1 TO MARCH 1	SOLID SOD REQUIRED ON AREAS SPECIFIED IN THE CONTRACT OR BY THE ENGINEER
219-A001	WATERING	20 GAL / S.Y. (EST)	MARCH 1 TO SEPTEMBER 1	20 GAL. / S.Y. (EST)	SEPTEMBER 1 TO MARCH 1	TO BE USED AS DIRECTED IN THE PLANTING AND ESTABLISHING OF SOLID SOD
220-A001	INSECT PEST CONTROL	PER ACRE		PER ACRE		SEE SECTION 220
TEMPORARY EROSION CONTROL ITEMS						
212-A001	LIGHT GROUND PREPARATION	PER SQ. YD.		PER SQ. YD.		APPROXIMATELY HALF SQ.YD. STANDARD GROUND PREPARATION
213-B001	COMBINATION FERTILIZER (13-13-13)	0.25 TONS/ ACRE		0.25 TONS/ ACRE		QUANTITY BASED ON LIGHT GROUND PREPARATION
214-A013	SEEDING (BROWN TOP MILLET)	20 LBS / ACRE	APRIL 1 TO AUGUST 31			QUANTITY BASED ON LIGHT GROUND PREPARATION
214-A017	SEEDING (RYE GRASS)			25 LBS / ACRE	SEPTEMBER 1 TO MARCH 31	QUANTITY BASED ON LIGHT GROUND PREPARATION
214-A015	SEEDING (OATS)			90 LBS / ACRE	SEPTEMBER 1 TO DECEMBER 15	QUANTITY BASED ON LIGHT GROUND PREPARATION
215-A001	VEGETATIVE MATERIAL FOR MULCH	1 TON / ACRE (EST)		1 TON / ACRE (EST)		QUANTITY BASED ON LIGHT GROUND PREPARATION

- ① ALL AREAS THAT HAVE BEEN VEGETATED, UNDER THIS CONTRACT, FOR AT LEAST (60) SIXTY DAYS, SHALL RECEIVE ADDITIONAL APPLICATION(S) OF FERTILIZER(S) OF THE TYPE(S) AND RATE(S) OF APPLICATIONS AS DETERMINED BY SOIL TEST OR AS DIRECTED DURING THE GROWING SEASON'S THE CONTRACT IS IN FORCE. GROUND PREPARATION WILL NOT BE REQUIRED FOR THE ADDITIONAL APPLICATIONS.
- ② PROPOSAL QUANTITIES ESTIMATED ON THE BASIS THAT 100% OF THE ACREAGE WILL BE SEEDDED.
- ③ PROPOSAL QUANTITIES ESTIMATED ON THE BASIS THAT 50% OF THE ACREAGE WILL BE SEEDDED.
- ④ QUANTITY ESTIMATED ON THE BASIS THAT 50% OF THE ACREAGE VEGETATED MAY REQUIRED TREATMENT.
- ⑤ THIS ITEM MAY BE OMITTED ON AREAS SELECTED BY THE ENGINEER.
- ⑥ BAHIA GRASS WILL NOT BE PERMITTED AS A MULCH MATERIAL.
- ⑦ PROPOSAL QUANTITIES ESTIMATED ON THE BASIS THAT 75% OF THE ACREAGE SEEDDED MAY REQUIRE TOPSOIL

TEMPORARY EROSION CONTROL ITEMS REQUIRED FOR DETOURS

<u>ITEM</u>	<u>RATE</u>	<u>SEASONAL LIMITATIONS</u>
STANDARD GROUND PREPARATION	---	---
COMBINATION FERTILIZER (13-13-13)	500 LBS/ACRE	---
SEEDING (BERMUDA GRASS)	10 LBS/ACRE	---
SEEDING (TALL FESCUE)	20 LBS/ACRE	AUGUST 15 TO MARCH 15
VEGETATIVE MATERIAL FOR MULCH	2 LBS/ACRE	---

NO.	DATE	DESCRIPTION	BY
VEGETATION SCHEDULE			
SOUTH 28TH AVENUE BRIDGE REPLACEMENT CITY OF HATTIESBURG			
 Engineering Progress			
301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by:	RES	Checked by:	NMC
Date:	2-28-2014	Scale:	NOT TO SCALE
Drawing No.:	11204	Sheet No.	11



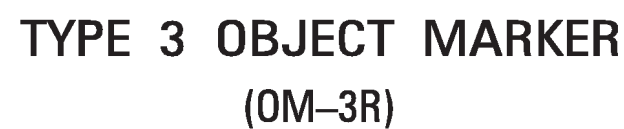
1. A TYPE I BARRICADE CONSISTS OF ONE (1) HORIZONTAL RAIL SUPPORTED BY A DEMOUNTABLE FRAME OR A LIGHT "A" FRAME. A TYPE I BARRICADE NORMALLY WOULD BE USED ON CONVENTIONAL ROADS OR URBAN STREETS AND ARTERIALS.
2. A TYPE II BARRICADE CONSISTS OF TWO (2) HORIZONTAL RAILS ON A LIGHT "A" FRAME. TYPE II BARRICADES ARE INTENDED FOR USE ON EXPRESSWAYS AND FREEWAYS AND OTHER HIGH-SPEED ROADWAYS.
3. TYPE I AND TYPE II BARRICADES ARE INTENDED FOR USE WHERE THE HAZARD IS RELATIVELY SMALL AS, FOR EXAMPLE, ON CITY STREETS, OR FOR THE MORE OR LESS CONTINUOUS DELIMITING OF A RESTRICTED ROADWAY, OR FOR TEMPORARY DAYTIME USE.
4. A TYPE III BARRICADE CONSISTS OF THREE (3) HORIZONTAL RAILS SUPPORTED BY FIXED POSTS, A RIGID SKID, A HEAVY DEMOUNTABLE FRAME OR A HEAVY, HINGED "A" FRAME.
5. TYPE III BARRICADES ARE INTENDED FOR USE ON CONSTRUCTION AND MAINTENANCE PROJECTS AS WING BARRICADES AND AT ROAD CLOSURES, WHERE THEY MUST REMAIN IN PLACE FOR EXTENDED PERIODS.
6. THE MARKING FOR BARRICADE RAILS SHALL BE ORANGE AND WHITE (SLOPING DOWNWARD AT AN ANGLE OF 45° IN THE DIRECTION TRAFFIC IS TO PASS).
7. DO NOT PLACE SANDBAGS OR OTHER DEVICES TO PROVIDE MASS ON THE BOTTOM RAIL THAT WILL BLOCK VIEW OR RAIL FACE.
8. FOR ADDITIONAL INFORMATION OR DETAILS, SEE MUTCD, LATEST EDITION.

	I	II	III
WIDTH OF RAIL **	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.
LENGTH OF RAIL**	24" MIN.	24" MIN.	48" MIN.
WIDTH OF STRIPE *	6"	6"	6"
HEIGHT	36" MIN.	36" MIN.	60" MIN.
NUMBER OF REFLECTORIZED RAIL FACES	2 (ONE EACH DIRECTION)	4 (TWO EACH DIRECTION)	3 IF FACING TRAFFIC IN ONE DIRECTION 6 IF FACING TRAFFIC IN TWO DIRECTIONS
TYPE OF FRAME	LIGHT	LIGHT "A" FRAME	POST OR SKID

2. BARRICADES INTENDED FOR USE ON EXPRESSWAYS, FREEWAYS AND OTHER HIGH SPEED ROADWAYS, SHALL HAVE A MINIMUM OF 270 in² OF REFLECTIVE AREA FACING TRAFFIC.



1. A CHEVRON SIGN CONSISTS OF A BLACK CHEVRON TYPE MARKING ON AN ORANGE BACKGROUND AND SHALL POINT IN THE DIRECTION OF TRAFFIC FLOW.
2. THE CHEVRON SIGN SHALL BE MOUNTED ON FIXED POST OR RIGID SKID.
3. CHEVRON SIGNS MAY BE USED TO SUPPLEMENT OTHER STANDARD DEVICES WHERE ONE OR MORE LANES ARE CLOSED FOR CONSTRUCTION OR MAINTENANCE. THEY SHALL BE PLACED APPROXIMATELY 2'-6" BEHIND THE LANE TRANSITION STRIPE.



1. TYPE 3 OBJECT MARKERS SHALL BE USED AT ALL EXPOSED BRIDGE ABUTMENTS AND AT OTHER LOCATIONS AS DEEMED NECESSARY BY THE ENGINEER.
2. THE OM-3R IS SHOWN. THE OM-3L IS SIMILAR EXCEPT THE STRIPES SLOPE DOWNWARD FROM THE UPPER LEFT SIDE TO THE LOWER RIGHT SIDE AND SHALL BE PLACED ON THE LEFT SIDE OF THE OBJECT.
3. THE INSIDE EDGE OF THE MARKER SHALL BE IN LINE WITH THE INNER EDGE OF THE OBSTRUCTION.



1. VERTICAL PANELS CONSIST OF AT LEAST ONE PANEL 8" TO 12" IN WIDTH AND A MINIMUM OF 24" IN HEIGHT.
2. THE DIAGONAL STRIPES SHALL SLOPE DOWNWARD IN THE DIRECTION THAT TRAFFIC IS TO PASS THE PANEL. THE PANELS SHALL BE MOUNTED WITH THE TOP A MINIMUM OF 36" ABOVE THE ROADWAY ON A SINGLE LIGHTMASS POST.
3. VERTICAL PANELS USED ON EXPRESSWAYS, FREEWAYS AND OTHER HIGH-SPEED ROADWAYS SHALL HAVE A MINIMUM OF 270 IN² OF RETROREFLECTIVE AREA FACING TRAFFIC.
4. FOR TWO-WAY TRAFFIC OPERATIONS, BACK-TO-BACK PANELS SHALL BE USED.

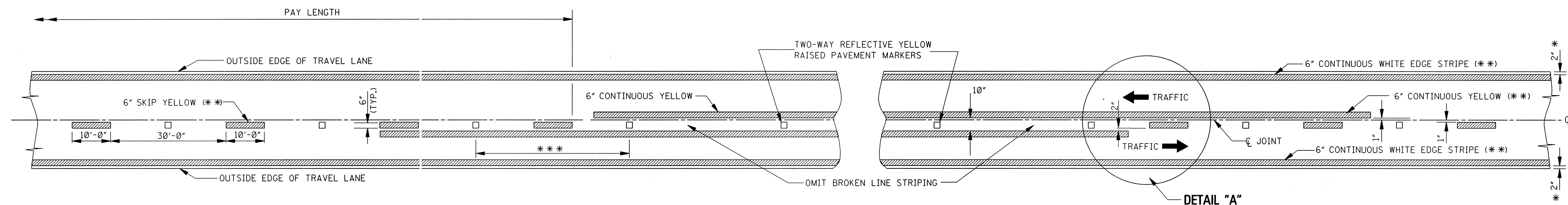
1. MARKINGS ON ALL DEVICES SHOWN ON THIS SHEET SHALL BE HIGH INTENSITY REFLECTIVE SHEETING.
2. THE TRAFFIC CONTROL PLAN WILL LIST THE VARIOUS TRAFFIC CONTROL DEVICES REQUIRED FOR EACH PROJECT.

1. WING BARRICADES ARE TYPE III BARRICADES ERECTED ON THE SHOULDER ON ONE OR BOTH SIDES OF THE PAVEMENT TO GIVE THE SENSATION OF A NARROWING OR RESTRICTED ROADWAY. WING BARRICADES MAY BE USED AS A MOUNTING FOR THE ADVANCE WARNING SIGNS OR FLASHERS.
2. WING BARRICADES SHOULD BE USED:
 - A. IN ADVANCE OF A CONSTRUCTION PROJECT EVEN WHEN NO PART OF THE ROADWAY IS ACTUALLY CLOSED.
 - B. IN ADVANCE OF ALL BRIDGE OR CULVERT WIDENING OPERATIONS.

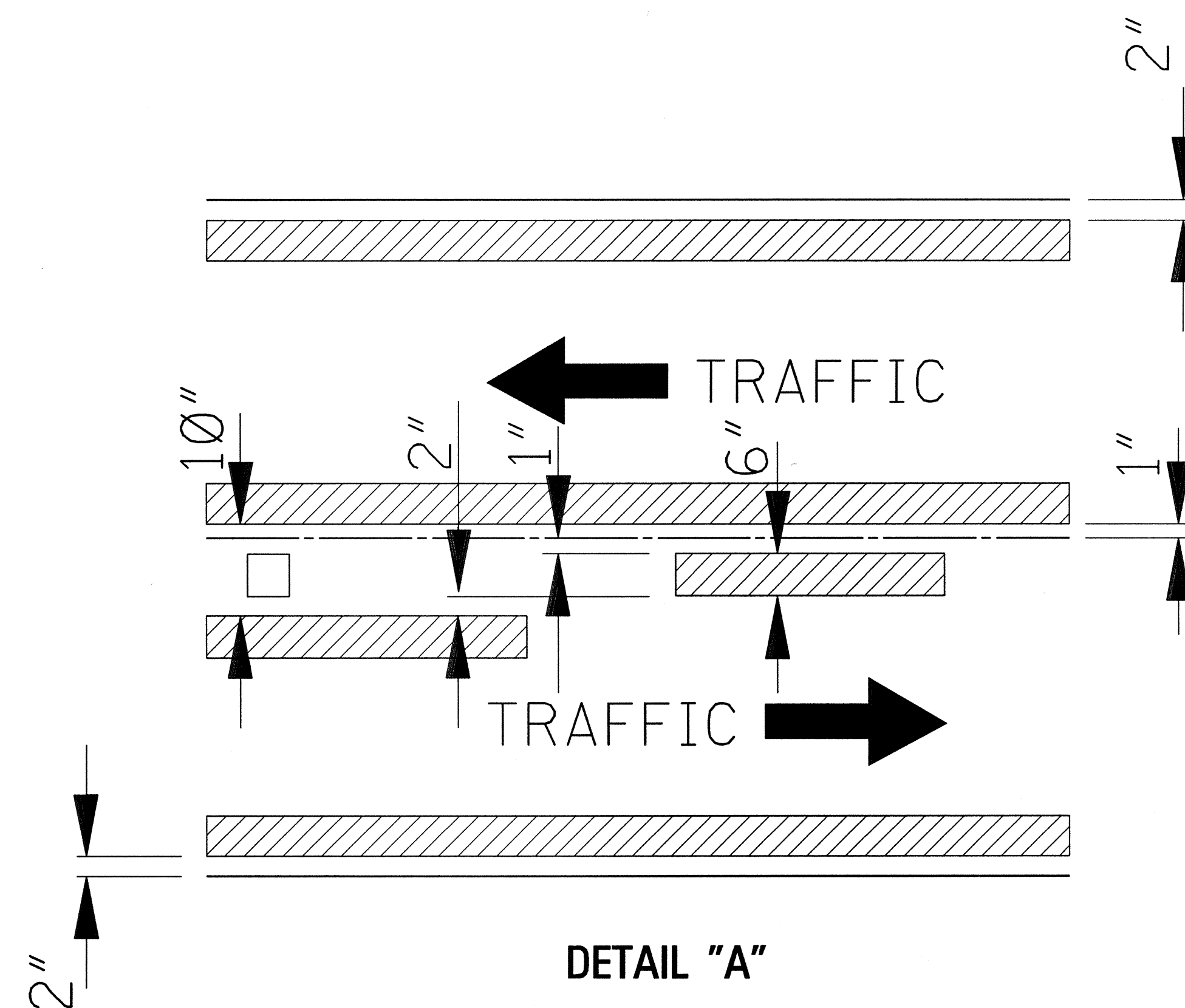


1. PLASTIC DRUMS SHALL BE ON END AND USED AS AN EXPEDIENT METHOD FOR TRAFFIC CHANNELIZATION. THE COLOR AND MARKING OF DRUMS SHALL BE CONSISTENT WITH MARKING STANDARDS FOR BARRICADE. THE PREDOMINANT COLOR ON DRUMS SHALL BE ORANGE WITH FOUR (4) REFLECTORIZED, HORIZONTAL, CIRCUMFERENTIAL STRIPES (2 ORANGE & 2 WHITE) 6" WIDE.
2. DRUMS SHOULD NEVER BE PLACED IN THE ROADWAY WITHOUT WARNING SIGNS.
3. WHERE PRACTICAL PLASTIC DRUMS SHALL BE PLACED NO CLOSER THAN 3'-0" FROM THE EDGE OF TRAVELED LANE.

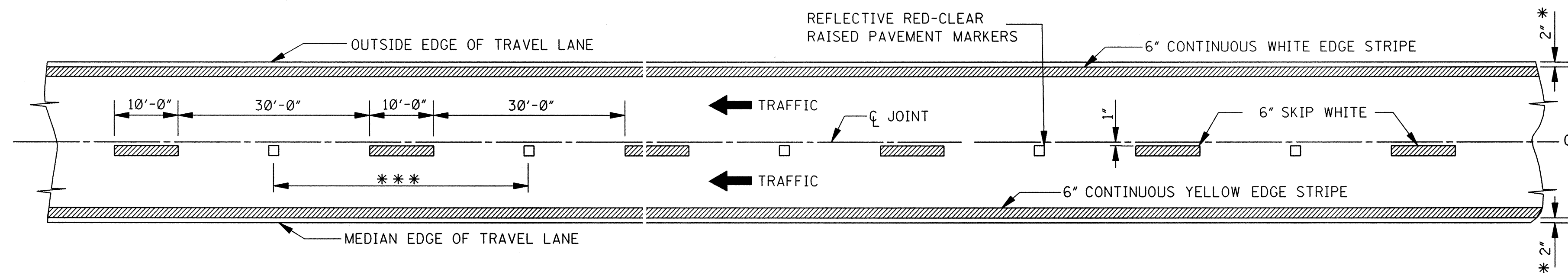
				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION					
				REVISION	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS					
				DATE	FILENAME: SDTCP-10_06012012.DGN	<table><tr><td>WORKING NUMBER</td></tr><tr><td>SDTCP-10</td></tr><tr><td>SHEET NUMBER</td></tr><tr><td>12</td></tr></table>	WORKING NUMBER	SDTCP-10	SHEET NUMBER	12
WORKING NUMBER										
SDTCP-10										
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				DESIGN TEAM	CHECKED	DATE 6/1/2012				



TWO-WAY TRAFFIC
(ASPHALT OR CONCRETE PAVEMENT)

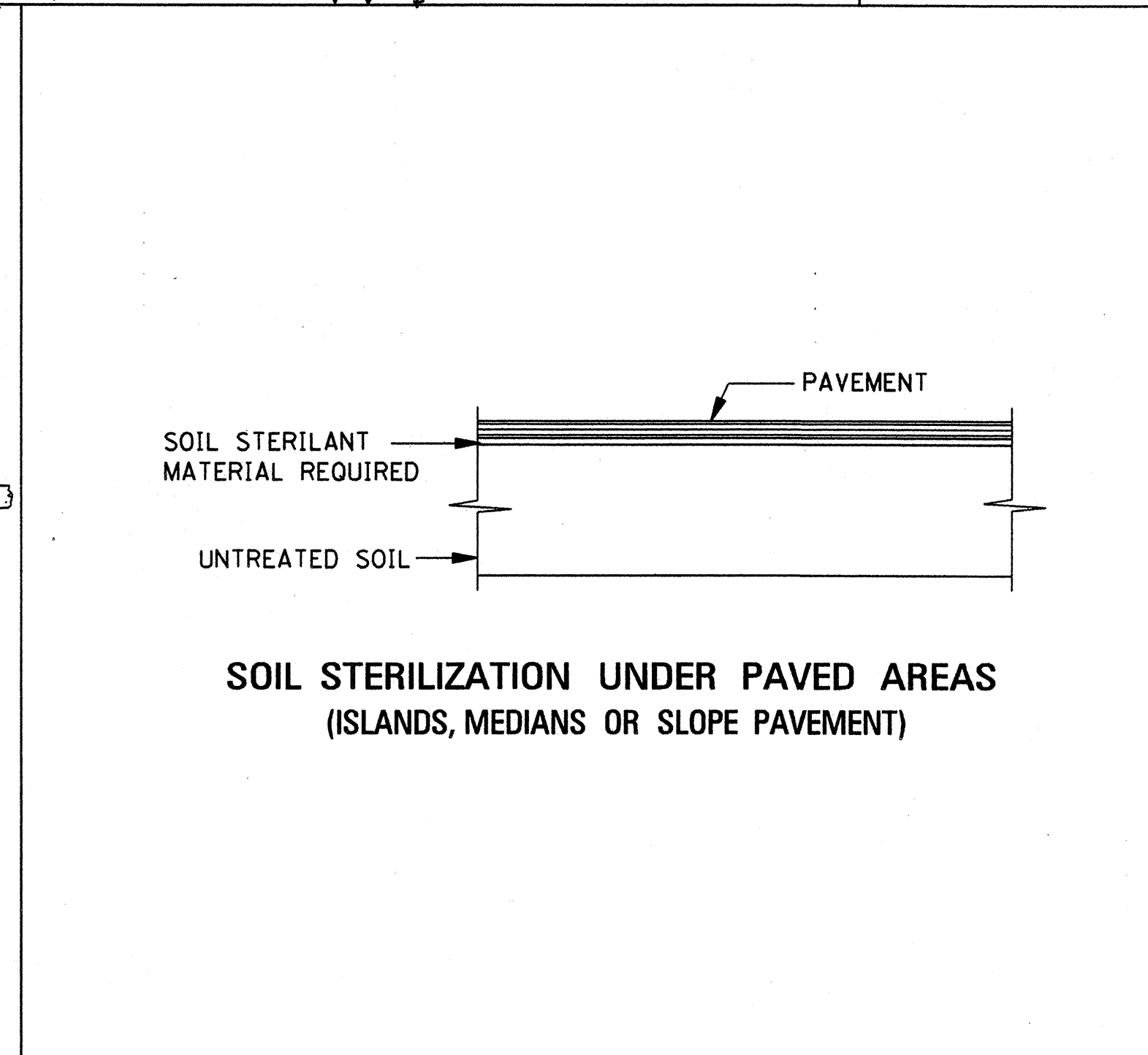
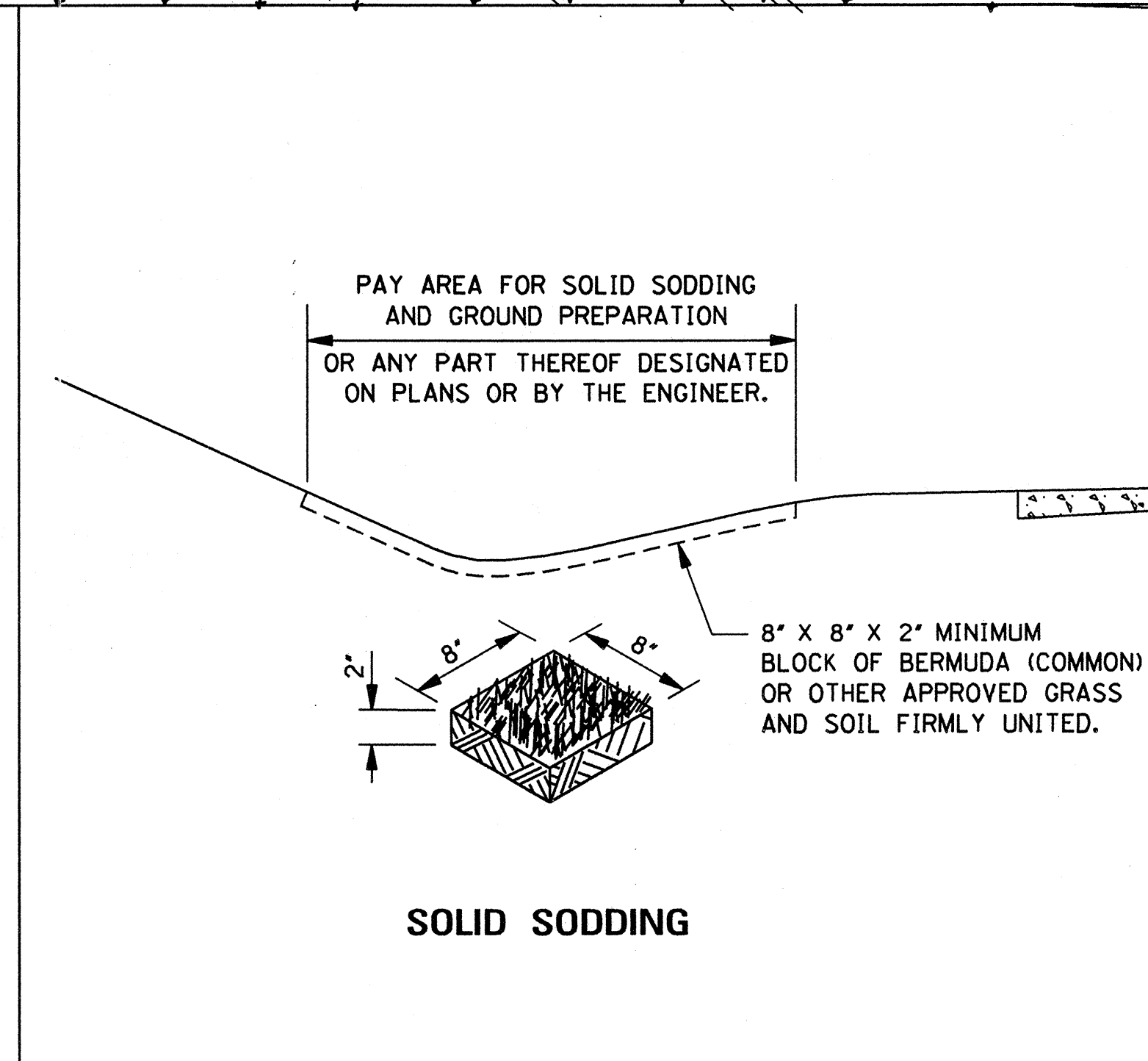
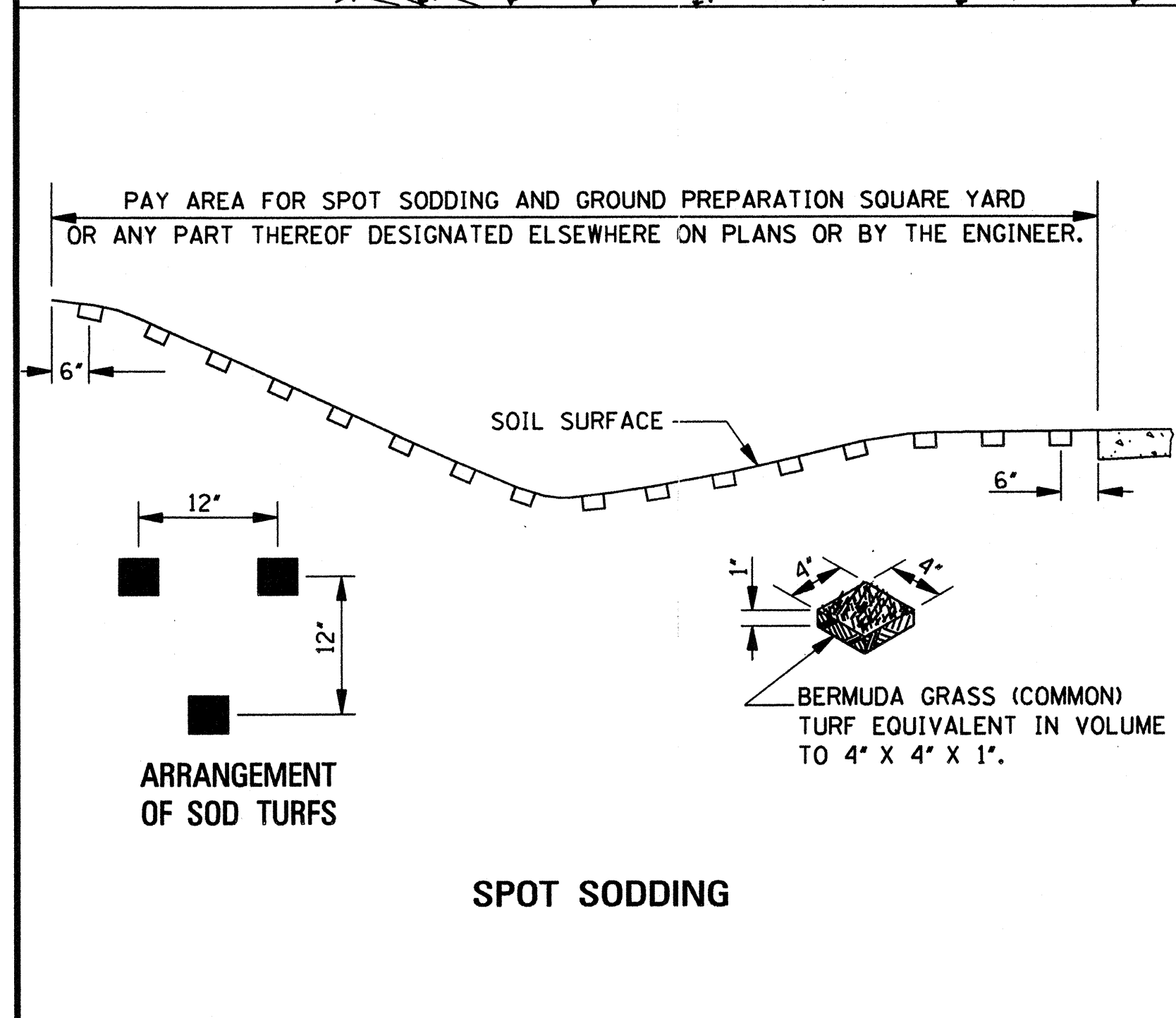
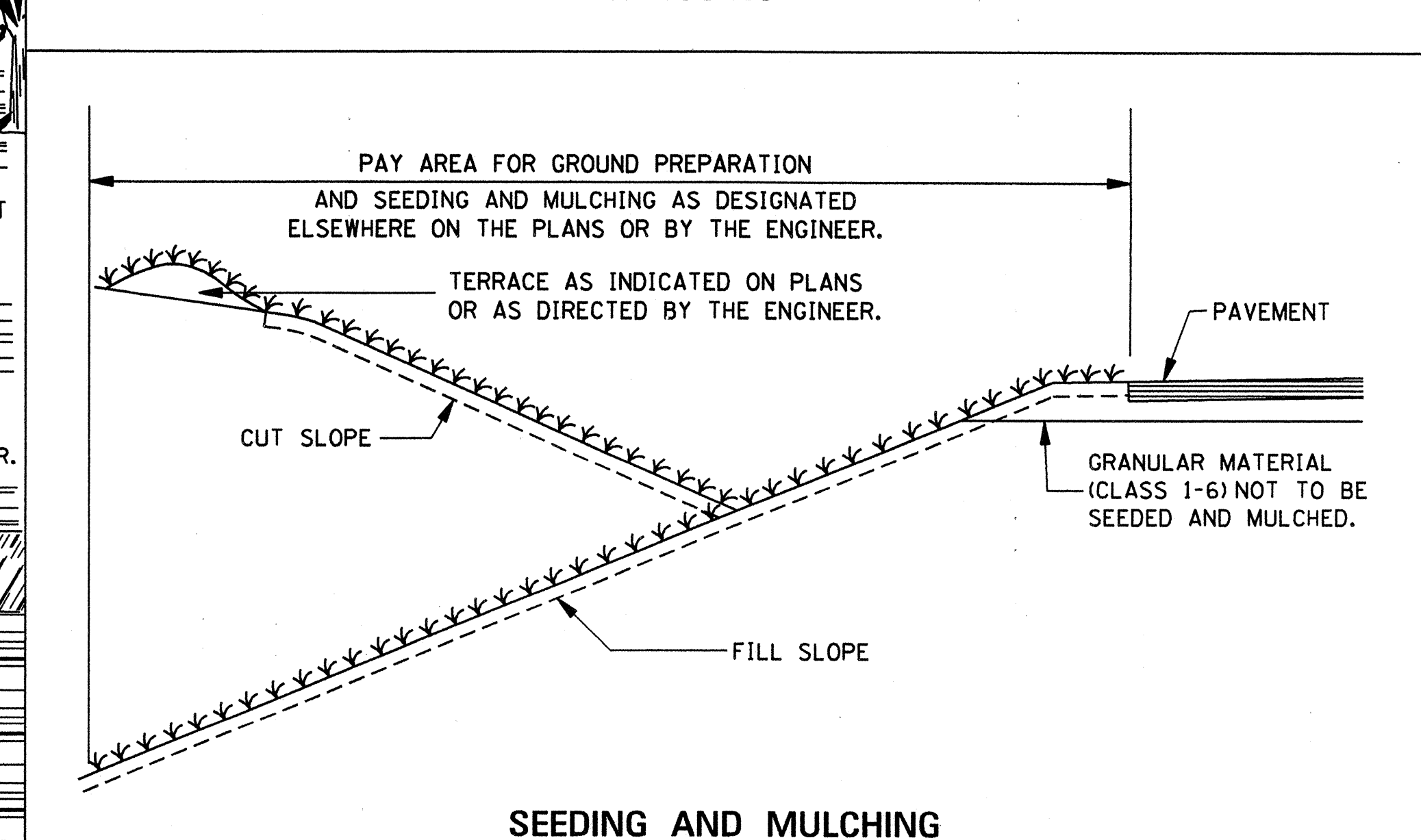
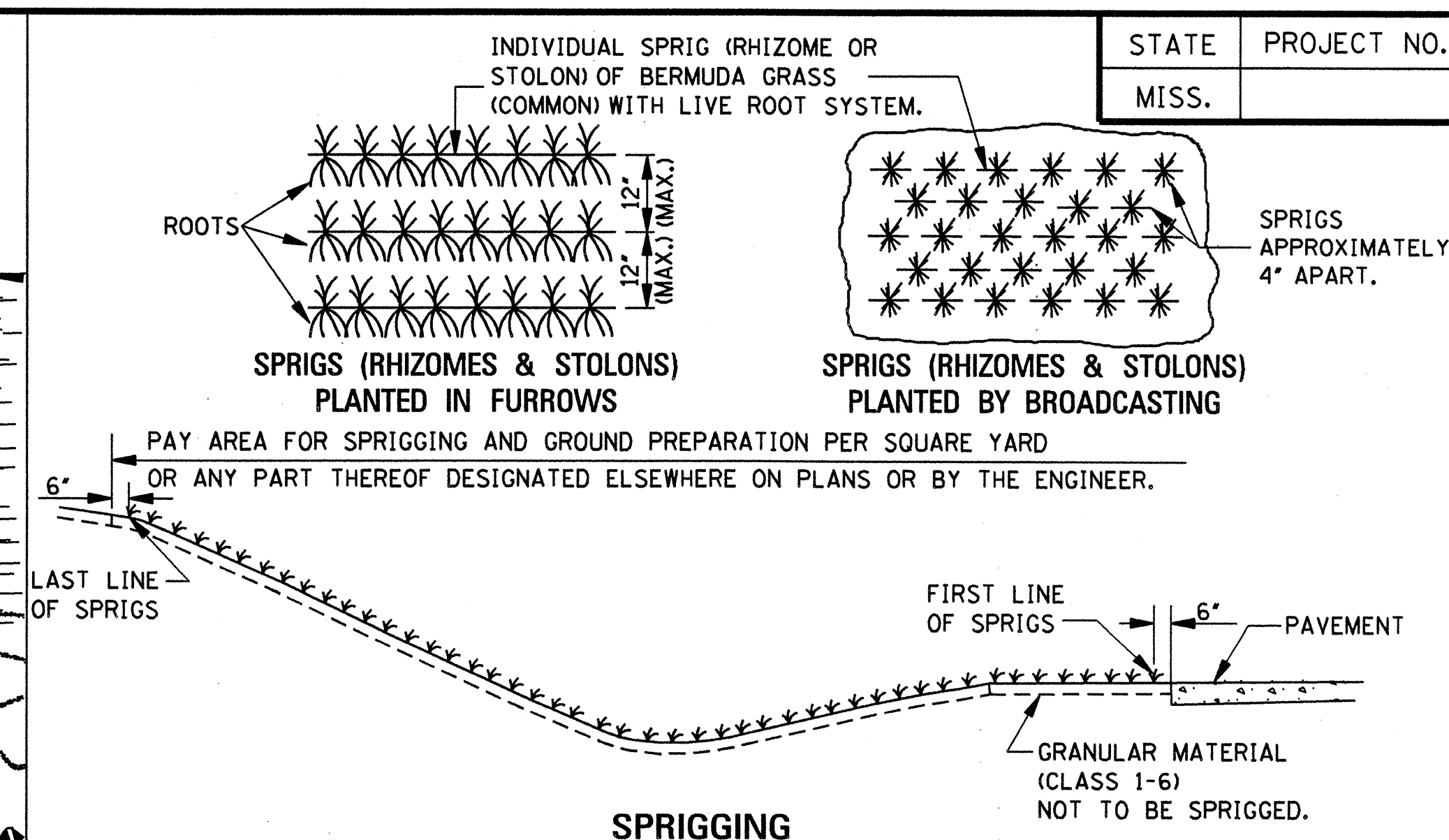
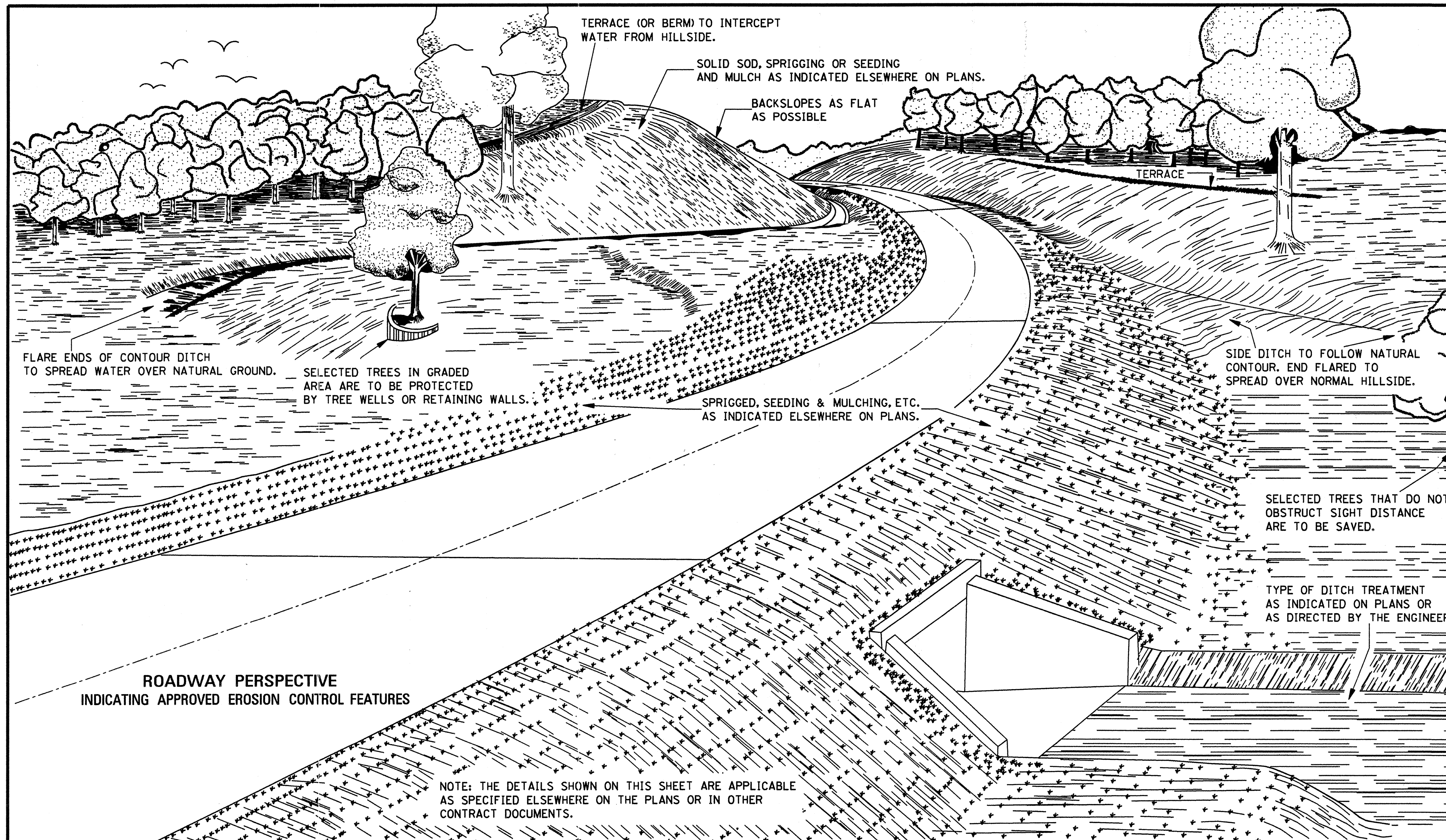


- GENERAL NOTES:
- * 1. 2" UNLESS SHOWN ELSEWHERE ON THE PLANS.
 - ** 2. EDGE STRIPE SHALL BE SAME MATERIAL AS LANE-LINE STRIPE (PAINT OR PLASTIC AS INDICATED IN PAY ITEMS).
 - *** 3. SPACING OF REFLECTIVE RAISED PAVEMENT MARKERS IS AS FOLLOWS:
- | | URBAN AREA
(ft-in) | RURAL AREA
(ft-in) |
|--------------------|-----------------------|-----------------------|
| TANGENT SECTIONS | 40'-0" | 80'-0" |
| HORIZONTAL CURVES | 40'-0" | 40'-0" |
| INTERCHANGE LIMITS | 40'-0" | + 40'-0" |
- † NOTE: ON THE MAIN FACILITY, REFLECTIVE RED-CLEAR RAISED PAVEMENT MARKERS ON A 40'-0" SPACING WILL BE REQUIRED ON LANE-LINE(S) THROUGH ALL INTERCHANGE AREAS BEGINNING 1000' IN ADVANCE (IN DIRECTION OF TRAFFIC) OF THE EXIT RAMP TAPER AND CONTINUING THROUGH THE INTERCHANGE TO THE END OF THE ENTRANCE RAMP TAPER.
4. PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE REFLECTIVE RAISED PAVEMENT MARKERS AS LISTED IN THE MDOT "APPROVED SOURCES OF MATERIALS."



4-LANE: WITH ONE-WAY TRAFFIC

MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN			
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS			
WORKING NUMBER PM-1			
SHEET NUMBER 120			
ISSUE DATE: OCTOBER 1, 1998			



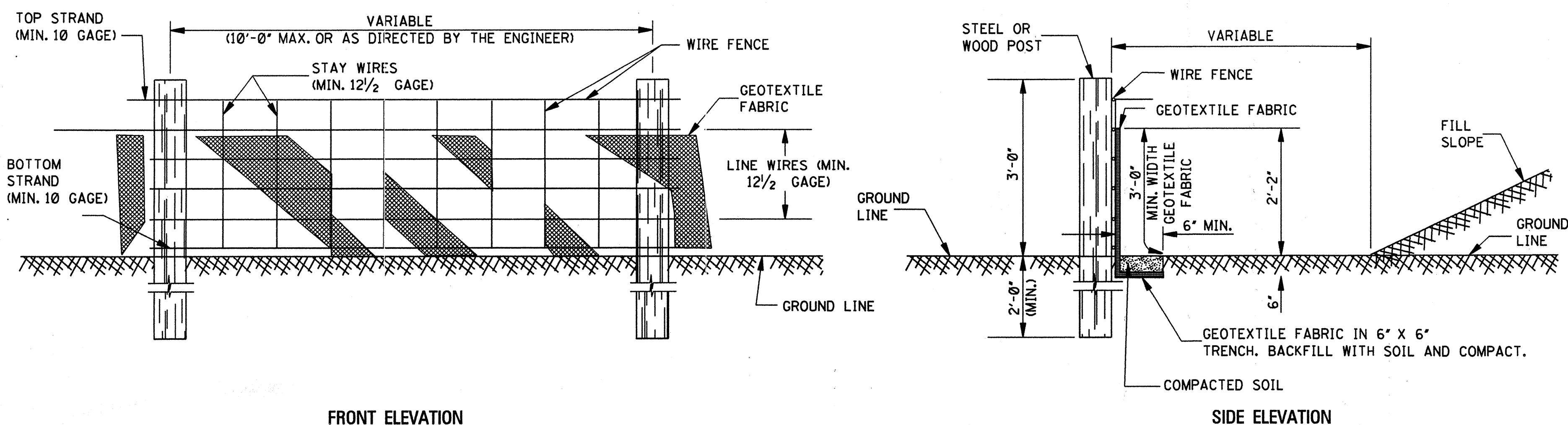
GENERAL NOTE:

1. LONGITUDINAL AND TRANSVERSE MEASUREMENTS FOR THE PAY AREA SHALL BE TAKEN ALONG THE SLOPES.

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
REVISION		EROSION CONTROL	
DATE			
ISSUE DATE:		OCTOBER 1, 1998	

WORKING NUMBER
EC-1

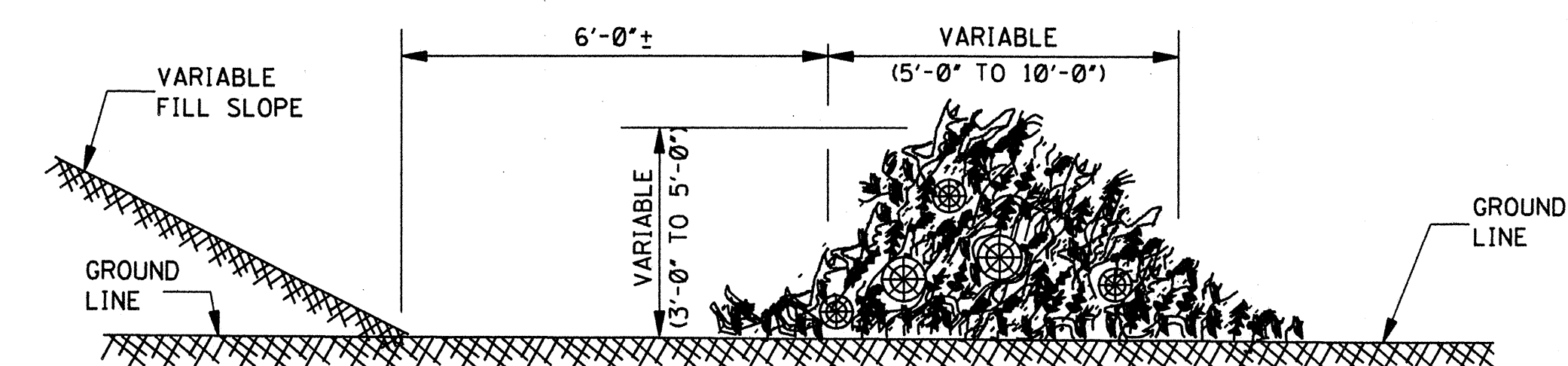
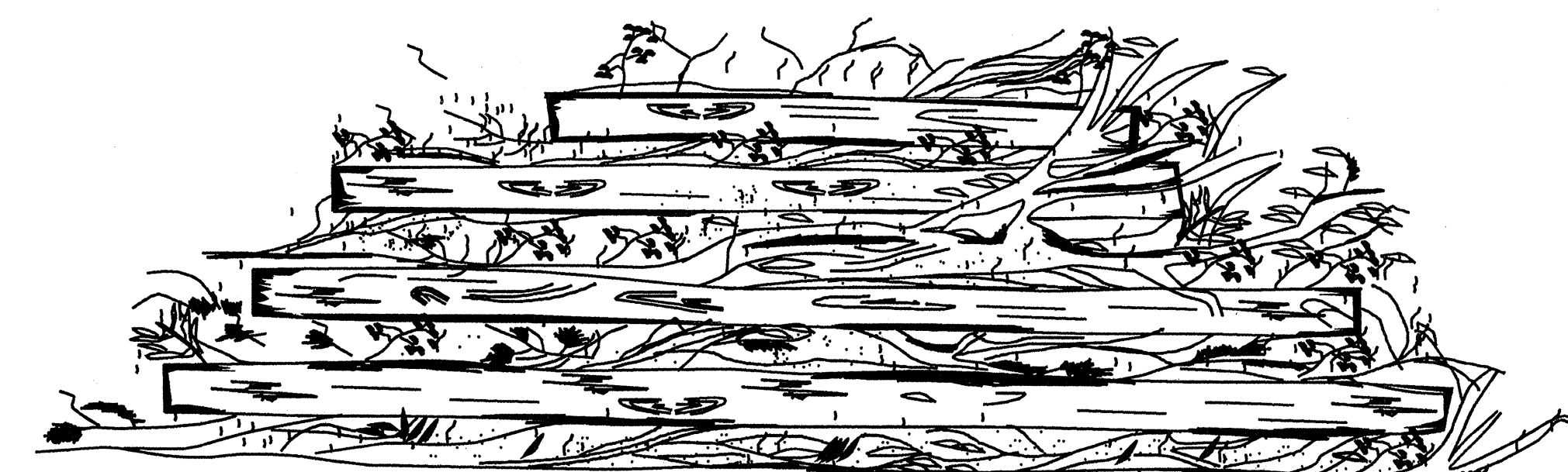
SHEET NUMBER
140



TEMPORARY SILT FENCE

NOTES:

1. WIRE SHALL BE MINIMUM OF 32" IN WIDTH AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
2. GEOTEXTILE FABRIC SHALL BE A MINIMUM OF 36" IN WIDTH AND SHALL BE FASTENED ADEQUATELY TO THE WIRE AS DIRECTED BY THE ENGINEER.
3. STEEL POST SHALL BE 5'-0" IN HEIGHT AND OF THE SELF-FASTENER ANGLE STEEL TYPE. WOOD POST SHALL BE A MINIMUM OF 5'-0" IN HEIGHT AND 3" OR MORE IN DIAMETER. WIRE FENCE SHALL BE FASTENED TO WOODEN POST WITH NOT LESS THAN 9 GAGE WIRE STAPLES 1' LONG.
4. GEOTEXTILE FABRIC MEETING THE TYPE II MATERIAL REQUIREMENTS AND INSTALLED ACCORDING TO SPECIFICATIONS MAY BE USED WITHOUT WIRE FENCE.



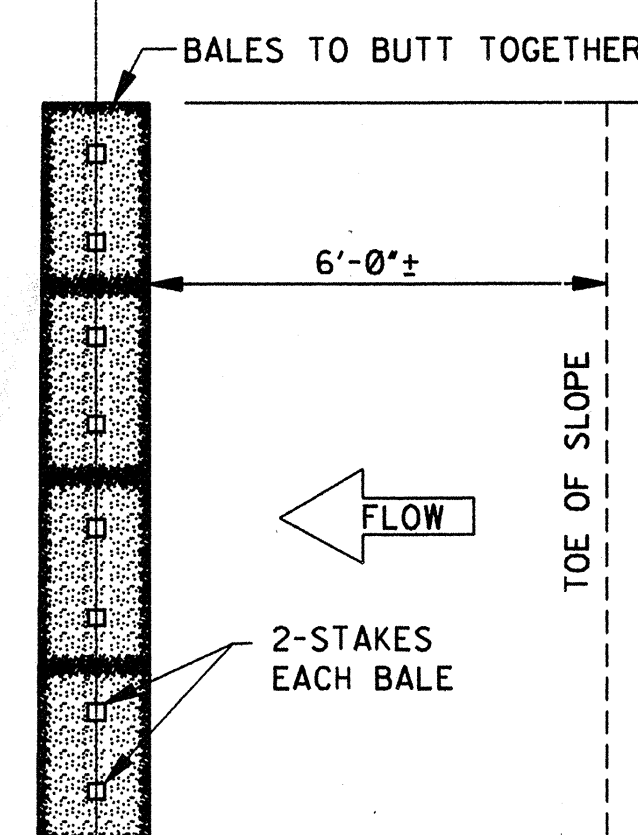
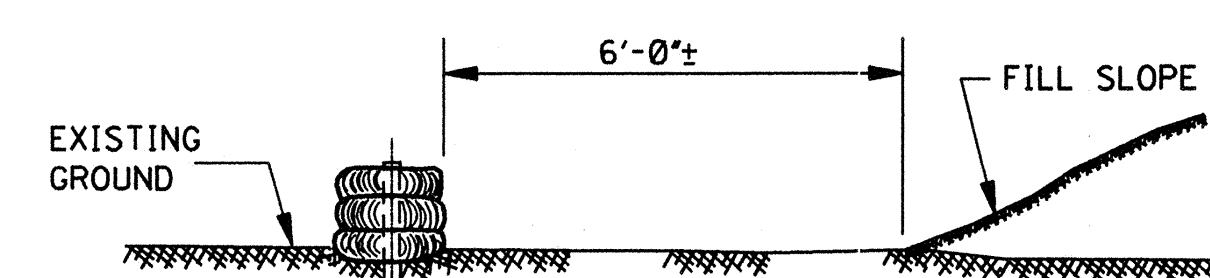
TEMPORARY BRUSH BARRIER

NOTES:

1. BRUSH BARRIER TO BE USED WHERE NATURAL GROUND IS LEVEL OR SLOPING AWAY FROM PROJECT.
2. PLACE BRUSH, LOG AND TREE LAPS APPROXIMATELY PARALLEL TO TOE OF FILL SLOPE WITH SOME OF THE HEAVIER MATERIALS BEING PLACED ON TOP TO PROPERLY SECURE THE BARRIER AS DETAILED AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
3. TO ALLOW WATER TO FLOW THROUGH BRUSH BARRIER, INTERMINGLE THE BRUSH, LOG AND TREE LAPS SO AS NOT TO FORM A SOLID DAM.

GENERAL NOTES:

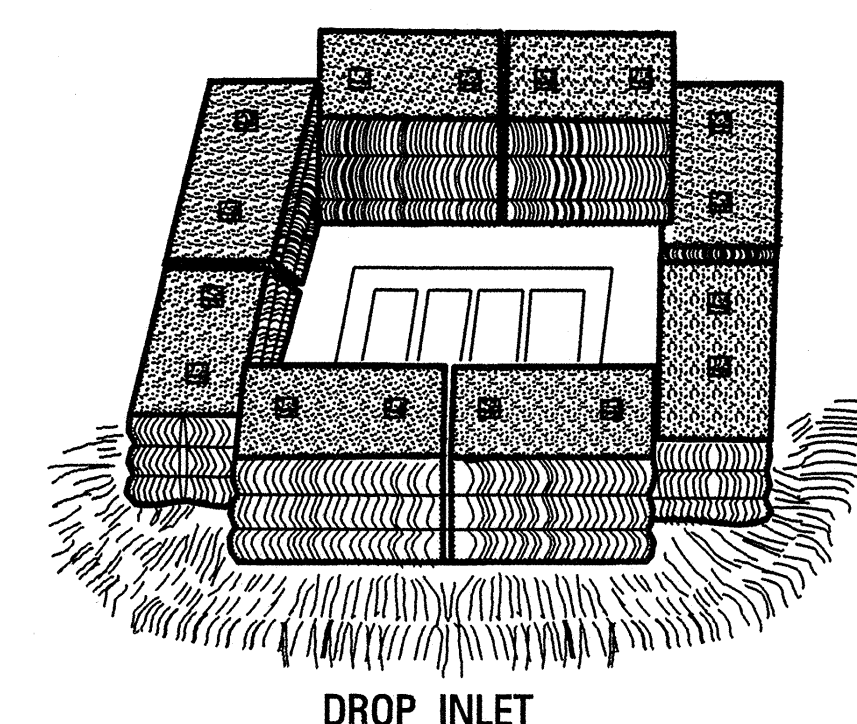
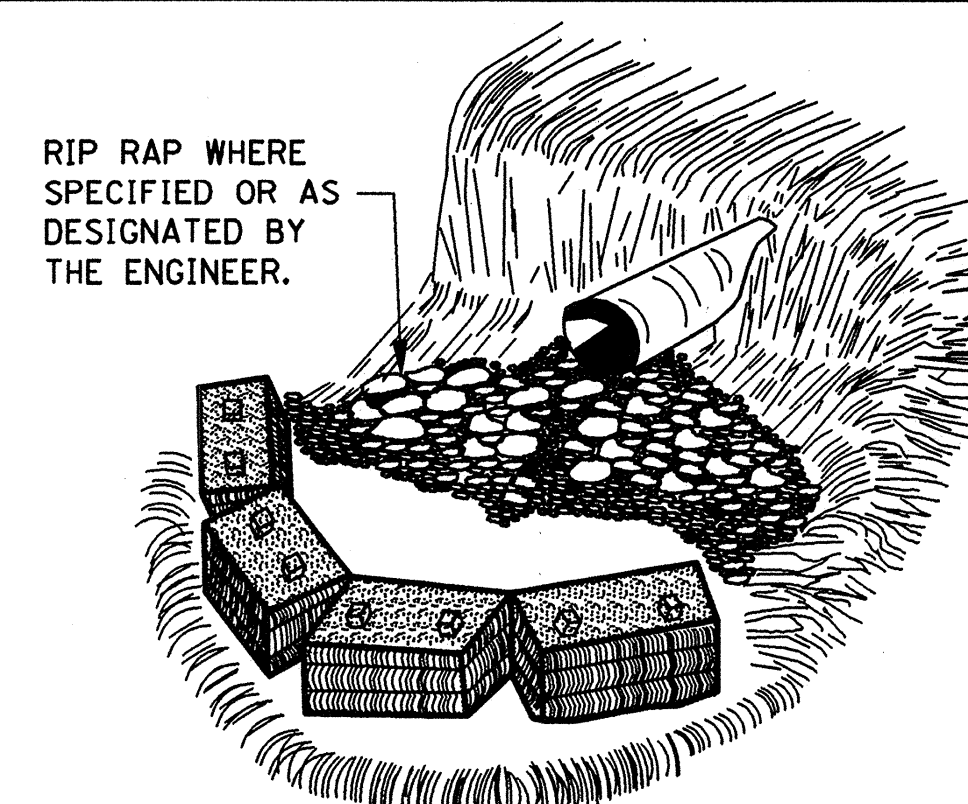
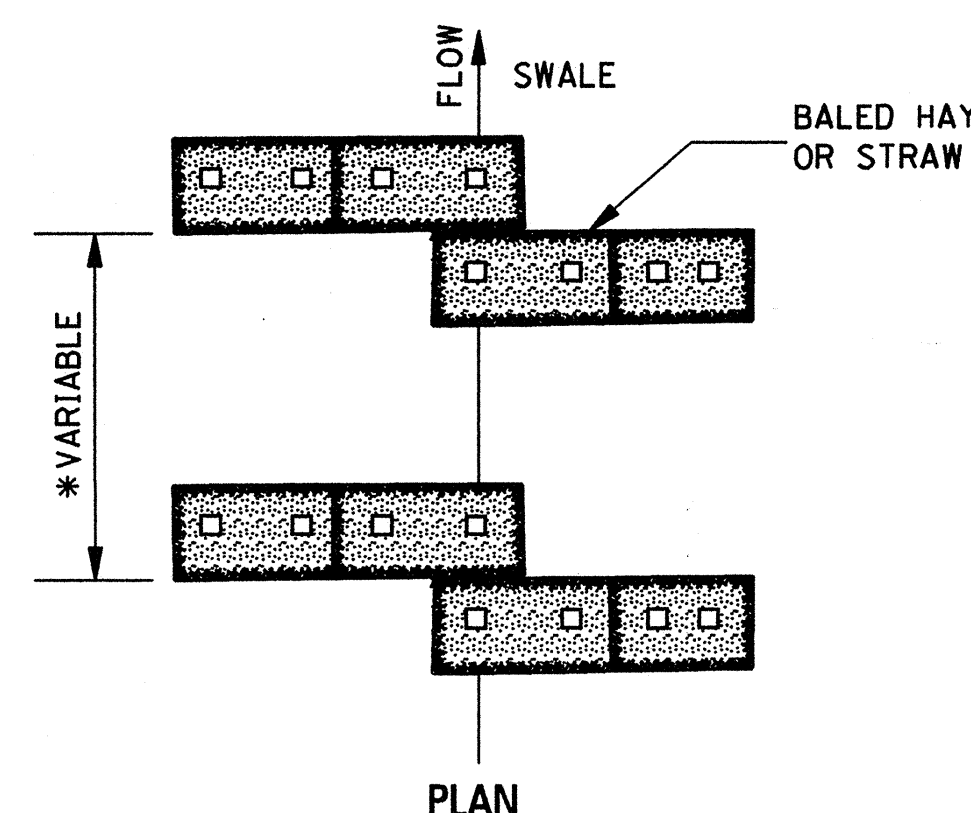
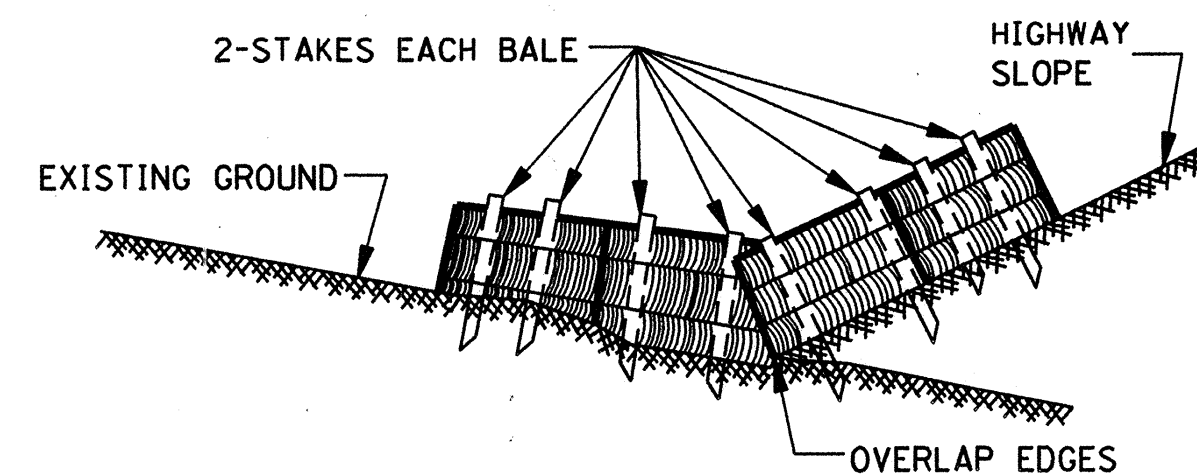
1. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH ALL MATERIALS AND PERFORM ALL WORK FOR THE PROPER INSTALLATION, MAINTENANCE AND REMOVAL OF TEMPORARY EROSION CONTROL MEASURES NECESSARY TO CONTROL SILTATION.
2. TEMPORARY BRUSH BARRIERS SHALL BE USED AS REQUIRED BUT WILL NOT BE MEASURED FOR SEPARATE PAYMENT.
3. THE USE OF TEMPORARY EROSION CONTROL MEASURES OTHER THAN TEMPORARY BRUSH BARRIERS WILL ONLY BE REQUIRED AND MEASURED FOR SEPARATE PAYMENT WHEN APPROPRIATE PAY ITEM(S) IS INCLUDED IN THE BID SCHEDULE OF THE PROPOSAL.



FALL OF DITCH (%)	DISTANCE* (ft)
0 - 1	100'
1 - 2	50'
>2	25'

TEMPORARY EROSION CHECKS USING HAY OR STRAW BALES

NOTE: EMBED ALL BALES 3" MINIMUM INTO GROUND AND STAKE (2" X 2" X 36") SECURELY.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)	
WORKING NUMBER TEC-1	SHEET NUMBER 142
DATE	ISSUE DATE: OCTOBER 1, 1998

NOTES:

1. CONCRETE PAVED DITCHES SHALL BE GROOVED AT 20'-0" INTERVALS. THE GROOVES SHALL BE CUT TO A DEPTH OF NOT LESS THAN 1".
2. DIMENSIONS D & W ARE AS FOLLOWS:
D(MINIMUM) = 6"
D(NOMINAL) = 9"
W(MINIMUM) = 24"
3. CHAIR SUPPORTS FOR THE WIRE MESH WILL NOT BE REQUIRED. HOWEVER, THE CONTRACTOR SHALL PLACE THE WIRE MESH IN A SATISFACTORY AND WORKMANLIKE MANNER TO ENSURE THAT THE FINAL POSITION IS REASONABLY NEAR THE POSITION INDICATED.
- * 4. CENTER ROW OF STAPLES MAY BE OMITTED ON DITCH LINER.

NOTE: UPGRADE AND DOWNGRADE ENDS OF THE BITUMINOUS TREATED ROVING SHALL BE BURIED IN A 6" MINIMUM VERTICAL SLOT AND THE SOIL TAMPED FIRMLY AGAINST IT.

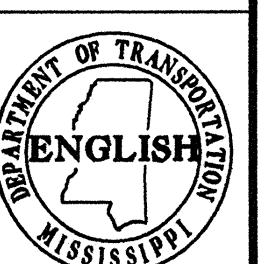
GENERAL NOTE:

1. FOR LOCATION OF APPROPRIATE DITCH TREATMENTS, SEE PLAN SHEETS AS DENOTED BY THE FOLLOWING LEGEND OR AS DIRECTED BY THE ENGINEER:

	DITCH LINER
	BITUMINOUS TREATED ROVING
	SOLID SOD
	CONCRETE PAVED DITCH
	RIP-RAP

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN**

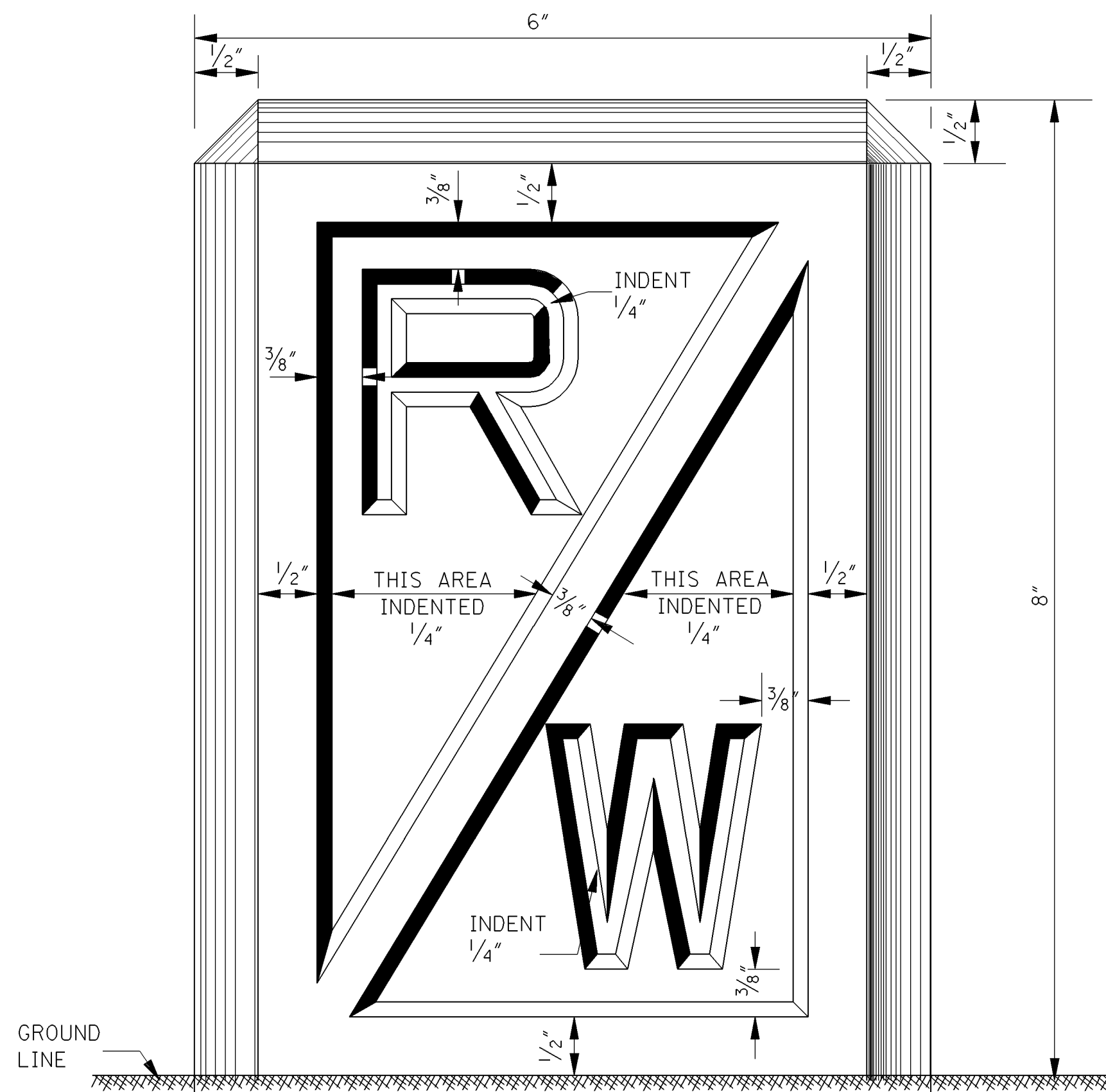
DETAILS OF TYPICAL DITCH TREATMENTS



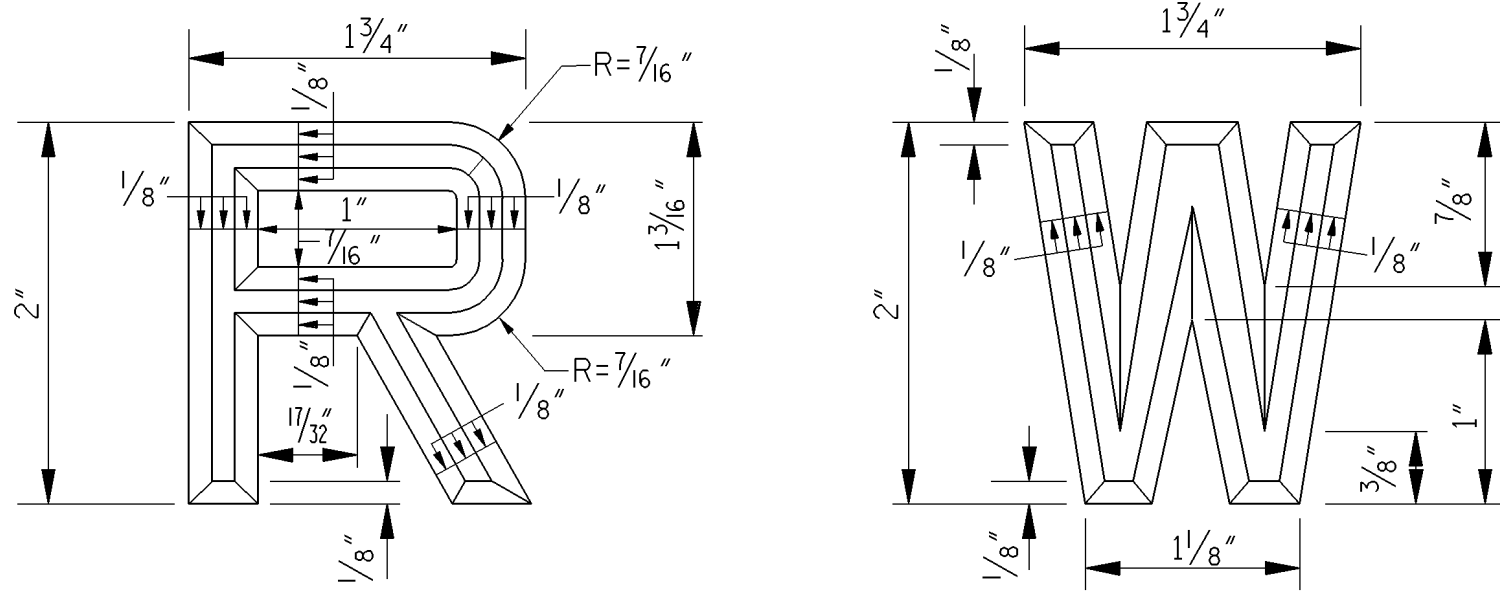
WORKING NUMBER DT-1
SHEET NUMBER 145

ISSUE DATE: OCTOBER 1, 1998

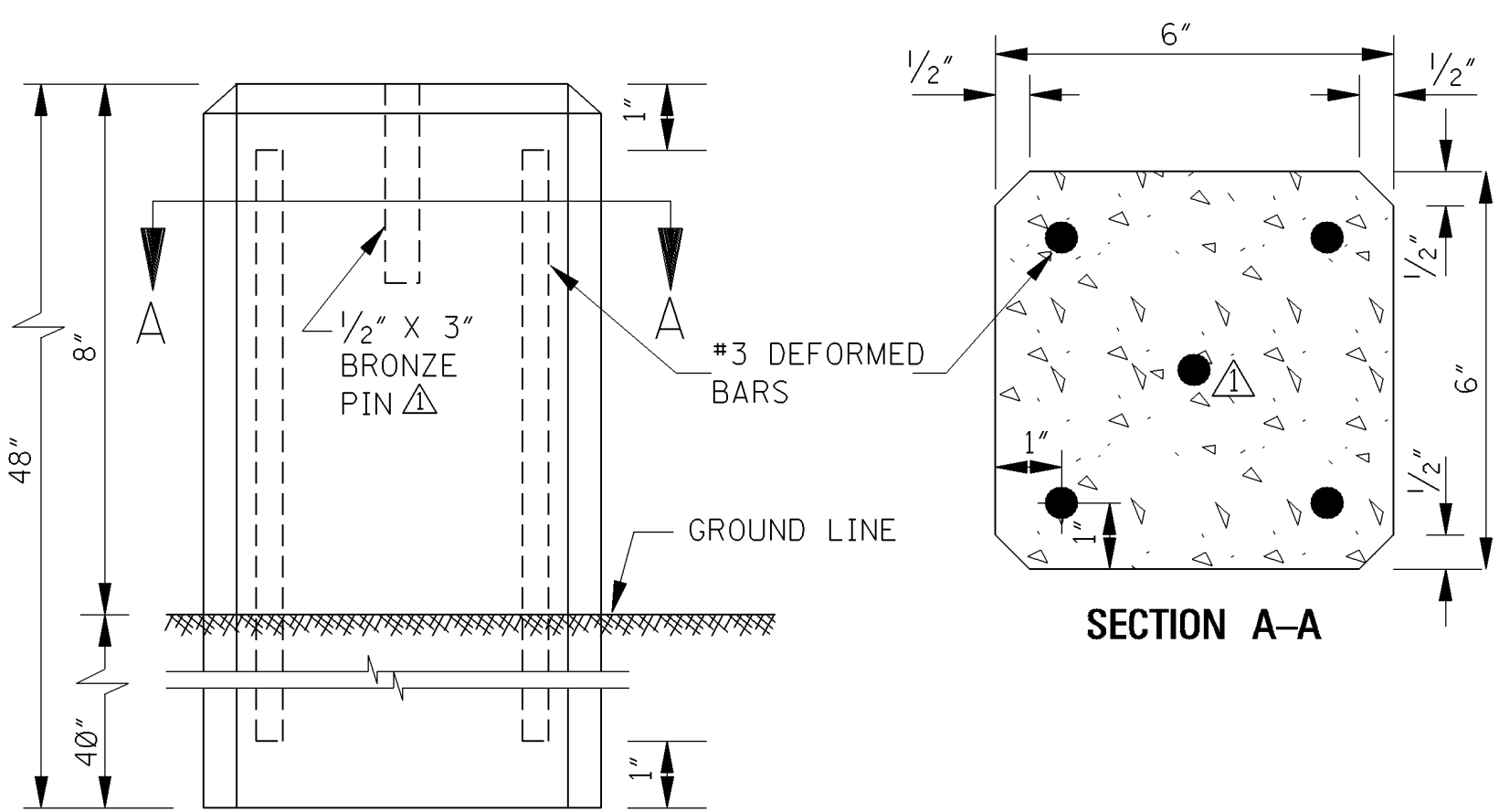
TYPE I MARKER
(ALTERNATE NO. 1)



FACE OF MARKER



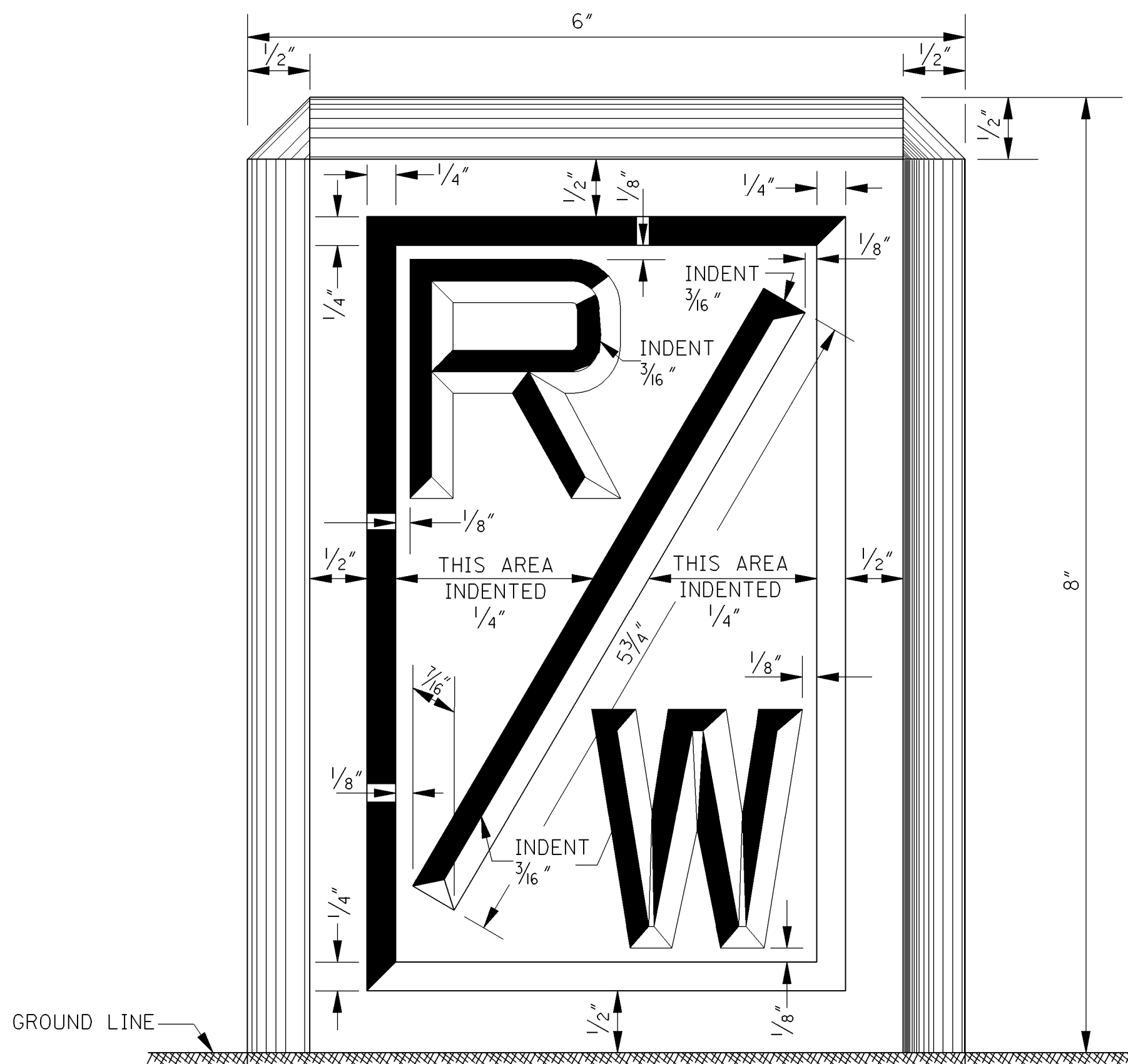
DETAIL OF LETTERS



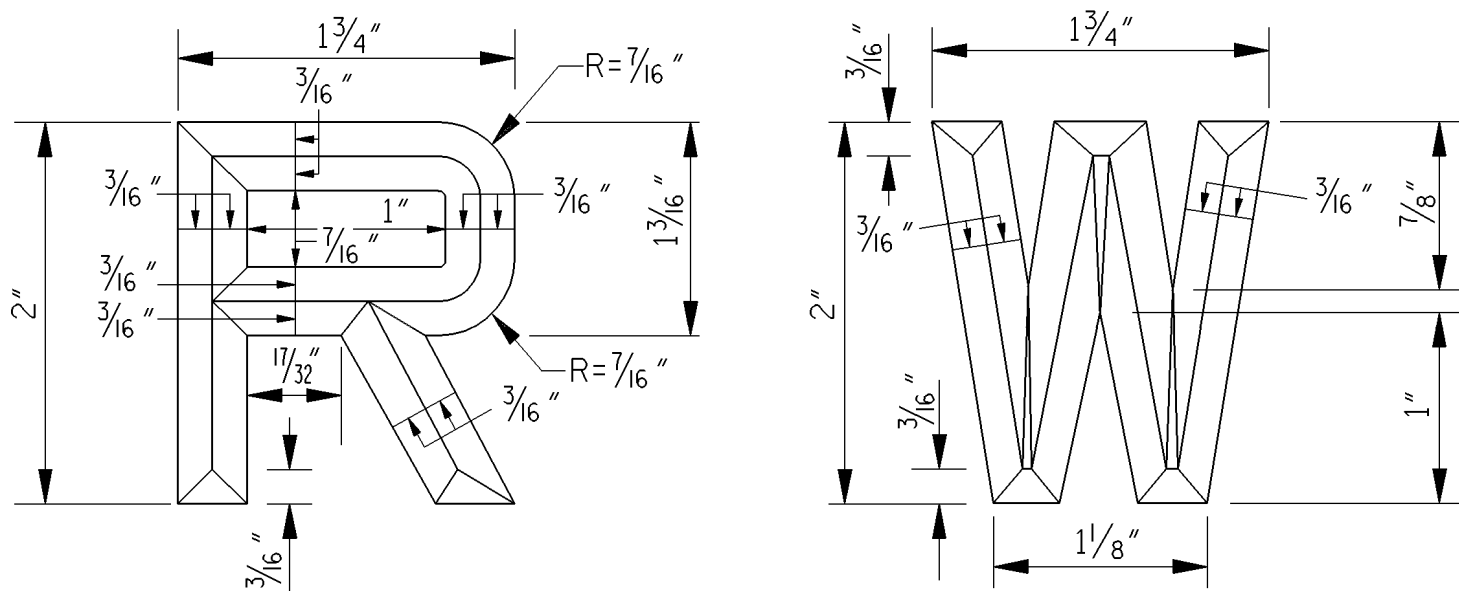
ELEVATION

REINFORCING AND INSTALLATION DETAILS

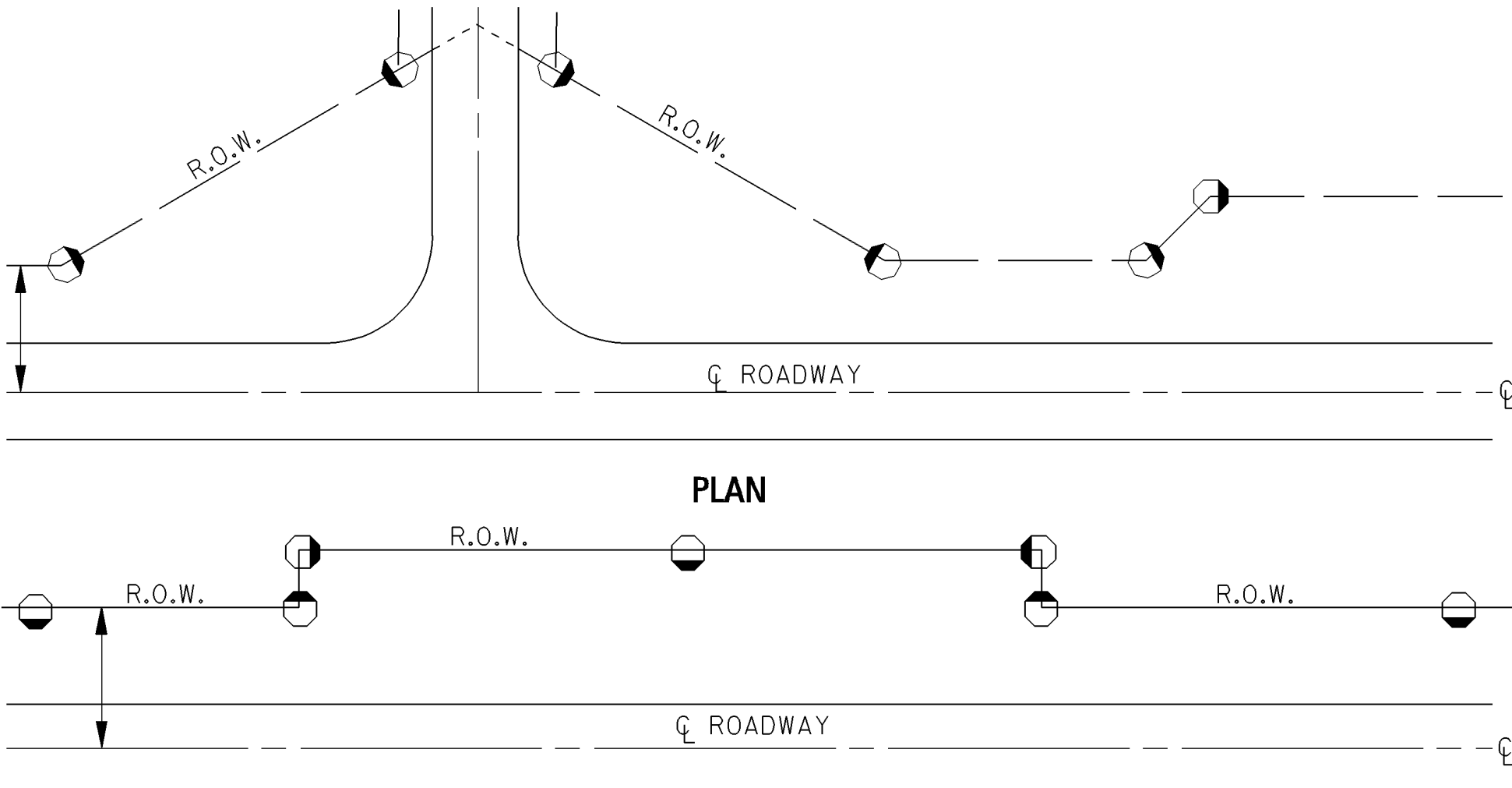
TYPE I MARKER
(ALTERNATE NO. 2)



FACE OF MARKER



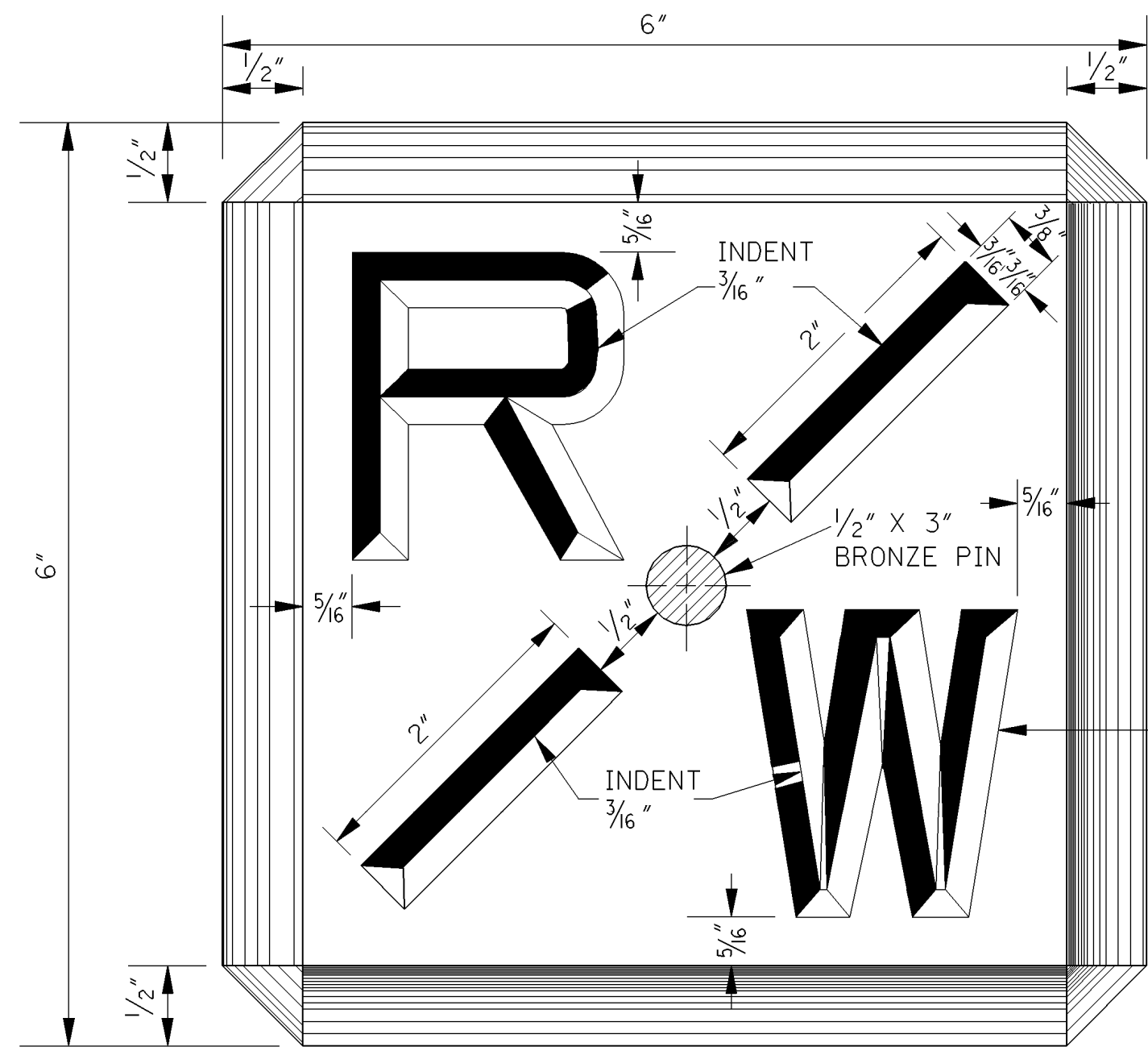
DETAIL OF LETTERS



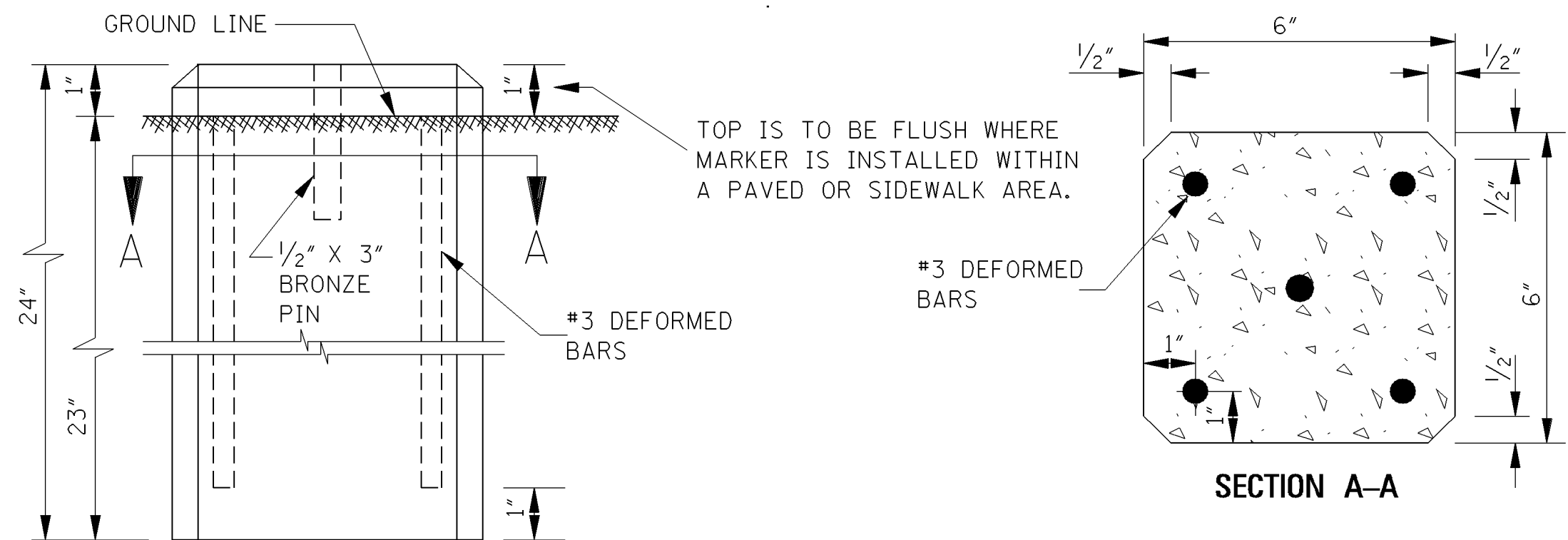
PLAN

MARKER ARRANGEMENT FOR ADDITIONAL RIGHT-OF-WAY

TYPE II MARKER
(FLUSH TYPE FOR USE IN BUILT-UP AREAS)

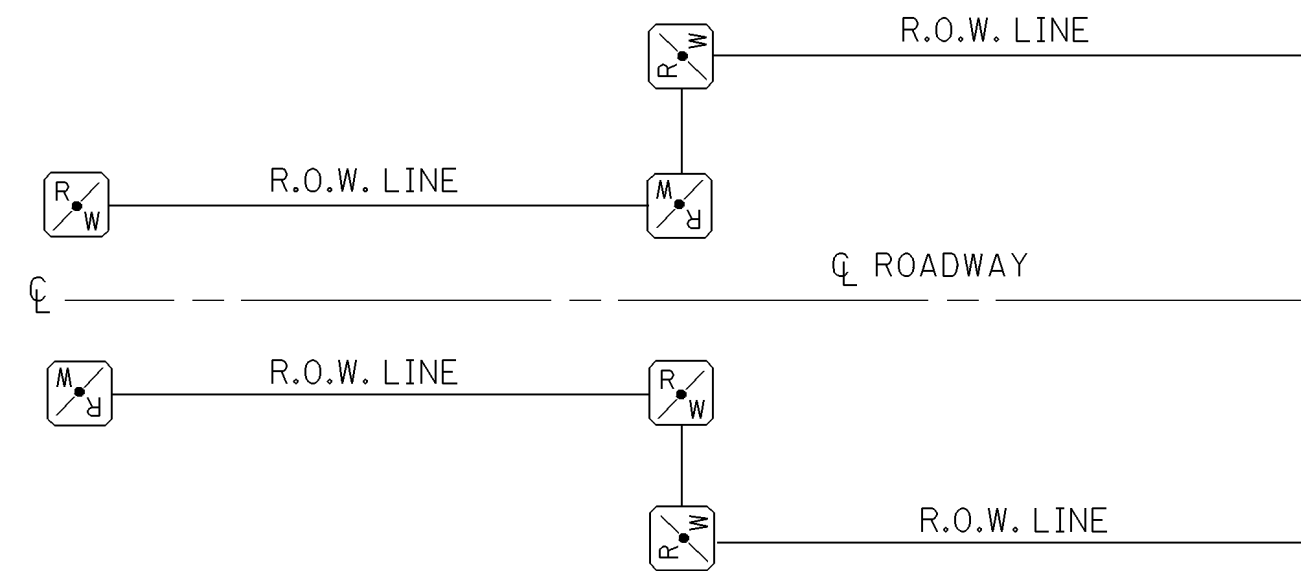


TOP OF MARKER



ELEVATION

REINFORCING AND INSTALLATION DETAILS



PLAN
MARKER ARRANGEMENT FOR ADDITIONAL RIGHT-OF-WAY

GENERAL NOTES:

1. THE CONCRETE SHALL HAVE A MINIMUM CEMENT CONTENT OF 470 LBS OF CEMENT PER CUBIC YARD OF CONCRETE.
2. THE MARKERS SHALL BE PLACED AS INDICATED ELSEWHERE ON PLANS.

S.W.R.		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DATE		REVISION		ROADWAY DESIGN DIVISION	
3-01-02		ADDED BRONZE PIN		STANDARD PLAN	
ISSUE DATE:		OCTOBER 1, 1998		RIGHT-OF-WAY MARKER	
WORKING NUMBER		RW-1		SHEET NUMBER	
270					

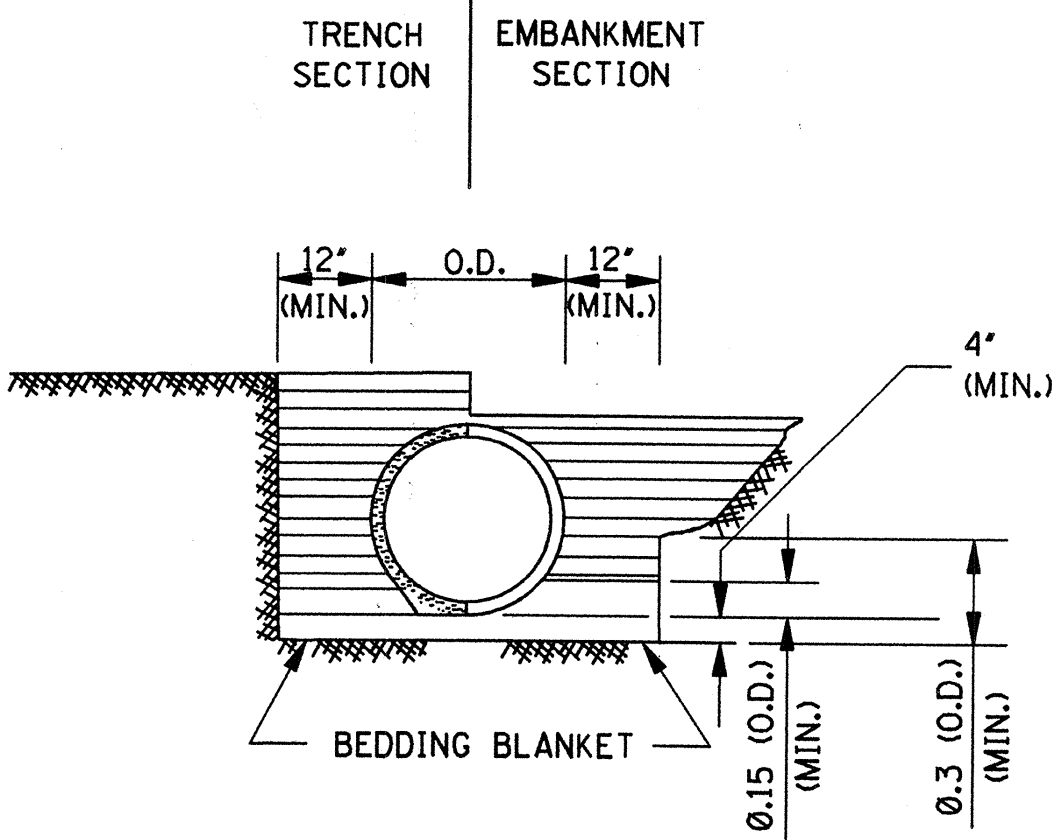
STATE	PROJECT NO.
MISS.	

CORRUGATED STEEL AND ALUMINUM PIPE (ROUND) H-20 LOADING						
PIPE DIAMETER (in)	MINIMUM COVER FROM TOP OF PIPE TO TOP OF SUBGRADE (in)	MAXIMUM FILL HEIGHT ABOVE TOP OF PIPE (ft†)				
		SHEET THICKNESS (in)				
		0.064 STEEL 0.060 ALUM. 16 GAGE	0.079 STEEL 0.075 ALUM. 14 GAGE	0.109 STEEL 0.105 ALUM. 12 GAGE	0.138 STEEL 0.135 ALUM. 10 GAGE	0.168 STEEL 0.164 ALUM. 8 GAGE
		2 1/2" X 1/2" CORRUGATED STEEL / RIVETED, WELDED OR HELICAL	3" X 1" OR 5" X 1" CORRUGATED STEEL / RIVETED, WELDED, HELICAL OR BOLTED	2 1/2" X 1/2" CORRUGATED ALUMINUM RIVETED OR HELICAL		
12"	12"	84' / - / 45'	91' / - / 45'	- / - / 78'	- / - / 81'	- / - / 84'
15"	12"	67' / - / -	73' / - / -	- / - / -	- / - / -	- / - / -
18"	12"	56' / - / 30'	61' / - / 30'	- / - / 52'	- / - / 54'	- / - / 56'
24"	12"	42' / - / 22'	46' / - / 22'	59' / - / 39'	- / - / 41'	- / - / 42'
30"	12"	34' / - / 18'	36' / - / 18'	47' / - / 31'	- / - / 32'	- / - / 34'
36"	12"	28' / 48' / 15'	30' / 60' / 15'	39' / 78' / 26'	41' / 89' / 27'	- / 101' / 28'
42"	12"	31' / 41' / -	43' / 51' / 26'	46' / 64' / 43'	48' / 71' / 43'	50' / 79' / 44'
48"	12"	27' / 36' / -	37' / 45' / -	45' / 57' / 40'	46' / 61' / 41'	47' / 66' / 43'
54"	12"	- / 32' / -	33' / 40' / -	43' / 52' / 35'	44' / 55' / 37'	45' / 59' / 38'
60"	12"	- / 29' / -	- / 36' / -	43' / 49' / -	43' / 51' / 33'	44' / 54' / 34'
66"	12"	- / 26' / -	- / 33' / -	42' / 47' / -	43' / 49' / 30'	43' / 51' / 31'
72"	12"	- / 24' / -	- / 30' / -	- / 44' / -	41' / 47' / -	43' / 49' / 29'
78"	12"	- / 22' / -	- / 28' / -	- / 41' / -	- / 46' / -	39' / 47' / -
84"	12"	- / 21' / -	- / 26' / -	- / 38' / -	- / 45' / -	35' / 46' / -
90"	12"	- / 19' / -	- / 24' / -	- / 35' / -	- / 43' / -	- / 45' / -
96"	12"	- / 18' / -	- / 22' / -	- / 33' / -	- / 40' / -	- / 44' / -
102"	24"	- / 17' / -	- / 21' / -	- / 31' / -	- / 38' / -	- / 42' / -
108"	24"	- / - / -	- / 20' / -	- / 30' / -	- / 35' / -	- / 39' / -
114"	24"	- / - / -	- / 19' / -	- / 28' / -	- / 34' / -	- / 37' / -
120"	24"	- / - / -	- / - / -	- / 27' / -	- / 32' / -	- / 35' / -

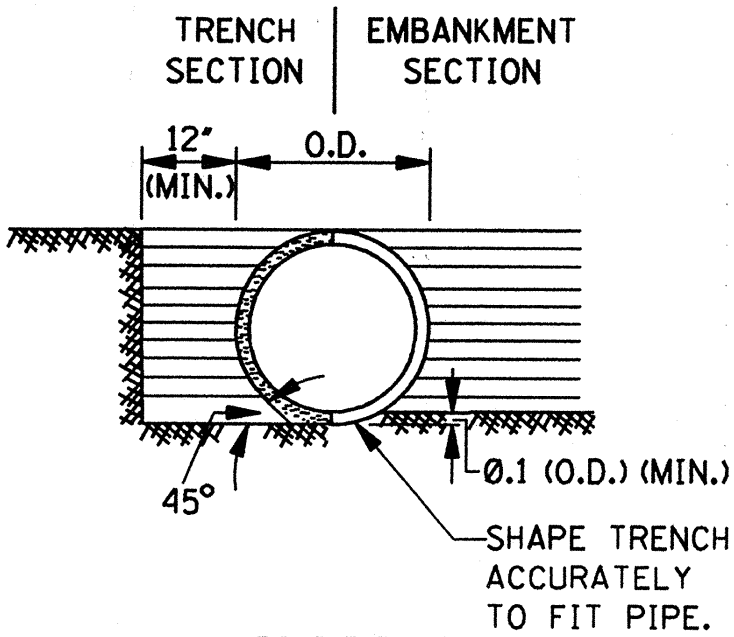
NOTE: THE AVERAGE INSIDE DIAMETER SHALL NOT VARY MORE THAN ONE (1) PERCENT OR 1/2", WHICHEVER IS GREATER, FROM THE NOMINAL DIAMETER WHEN MEASURED ON THE INSIDE CREST OF THE CORRUGATIONS (AASHTO M 36M/M 36 & AASHTO M 196M/M 196).

CORRUGATED METAL PIPE ARCHES H-20 LOADING									
EQUIV. DIAMETER (In)	PIPE DIMENSION (SPAN X RISE) (In)	MINIMUM CORNER RADIUS (In)	MINIMUM COVER FROM TOP OF PIPE TO TOP OF SUBGRADE FOR 2 tons/ft ² (In)	STEEL			ALUMINUM		
				MINIMUM THICKNESS REQUIRED (In)	MAXIMUM FILL HEIGHT ABOVE TOP OF PIPE (ft) FOR THE FOLLOWING CORNER BEARING PRESSURE (tons/ft ²)	MINIMUM THICKNESS REQUIRED (In)	MAXIMUM FILL HEIGHT ABOVE TOP OF PIPE (ft) FOR THE FOLLOWING CORNER BEARING PRESSURE (tons/ft ²)		
							2 tons/ft ² † 3 tons/ft ²	2 tons/ft ²	3 tons/ft ²
				2½' X ½' CORRUGATION RIVETED, WELDED OR HELICAL			2½' X ½' CORRUGATION RIVETED OR HELICAL		
15"	17" X 13"	3"	18"	0.064"	13'	15'+	0.060"	15'	-
18"	21" X 15"	3"	18"	0.064"	12'	15'+	0.060"	14'	-
24"	28" X 20"	3"	18"	0.064"	10'	15'	0.060"	10'	15'+
30"	35" X 24"	3"	18"	0.079"	9'	14'	0.060"	9'	14'
36"	42" X 29"	3½"	18"	0.079"	9'	13'	0.075"	9'	13'
42"	49" X 33"	4"	18"	0.079"	8'	12'	0.105"	8'	12'
48"	57" X 38"	5"	18"	0.109"	8'	12'	0.135"	8'	12'
54"	64" X 43"	6"	18"	0.109"	8'	12'	0.135"	8'	12'
60"	71" X 47"	7"	18"	0.138"	8'	12'	0.164"	8'	12'
66"	77" X 52"	8"	18"	0.168"	8'	12'			
72"	83" X 57"	9"	18"	0.168"	9'	13'			
				5" X 1" OR 3" X 1" CORRUGATION RIVETED, WELDED OR HELICAL					
36"	40" X 31"	5"	18"	0.079"	12'	15'+			
42"	46" X 36"	6"	18"	0.079"	12'	15'+			
48"	53" X 41"	7"	18"	0.079"	12'	15'+			
54"	60" X 46"	8"	18"	0.079"	12'	15'+			
60"	66" X 51"	9"	18"	0.079"	12'	15'+			
66"	73" X 55"	12"	18"	0.079"	15'+	-			
72"	81" X 59"	14"	18"	0.079"	15'	-			
78"	87" X 63"	14"	18"	0.079"	14'	15'+			
84"	95" X 67"	16"	18"	0.109"	13'	15'+			
90"	103" X 71"	16"	24"	0.109"	12'	15'+			
96"	112" X 75"	18"	24"	0.109"	11'	15'+			

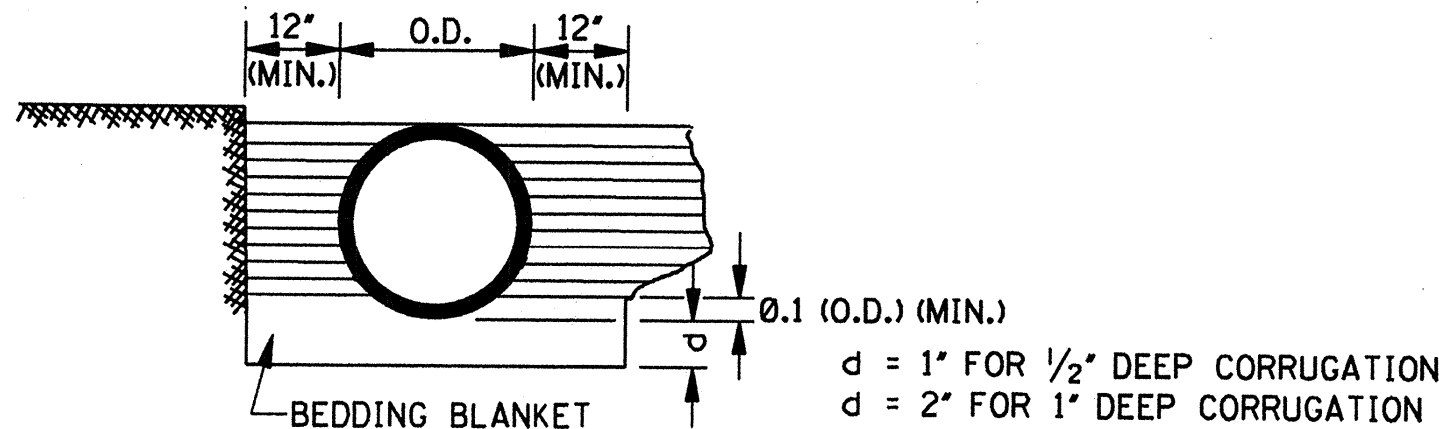
- NOTES:
- THE AVERAGE INSIDE DIAMETER SHALL NOT VARY MORE THAN ONE (1) PERCENT OR 1/2", WHICHEVER IS GREATER, FROM THE NOMINAL DIAMETER WHEN MEASURED ON THE INSIDE CREST OF THE CORRUGATIONS. (AASHTO M 36M/M 36 & AASHTO M 196M/M 196).
 - BEARING PRESSURES EXCEEDING 2 tons/ft² REQUIRED FOR GIVEN FILL HEIGHT SHALL HAVE FOUNDATION MATERIALS INVESTIGATED TO DETERMINE BEARING CAPACITY.



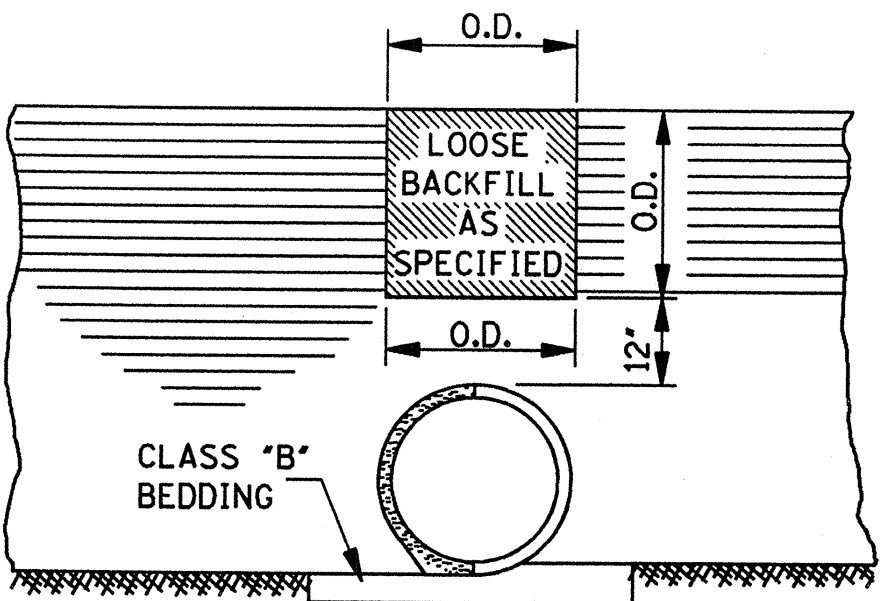
CLASS B



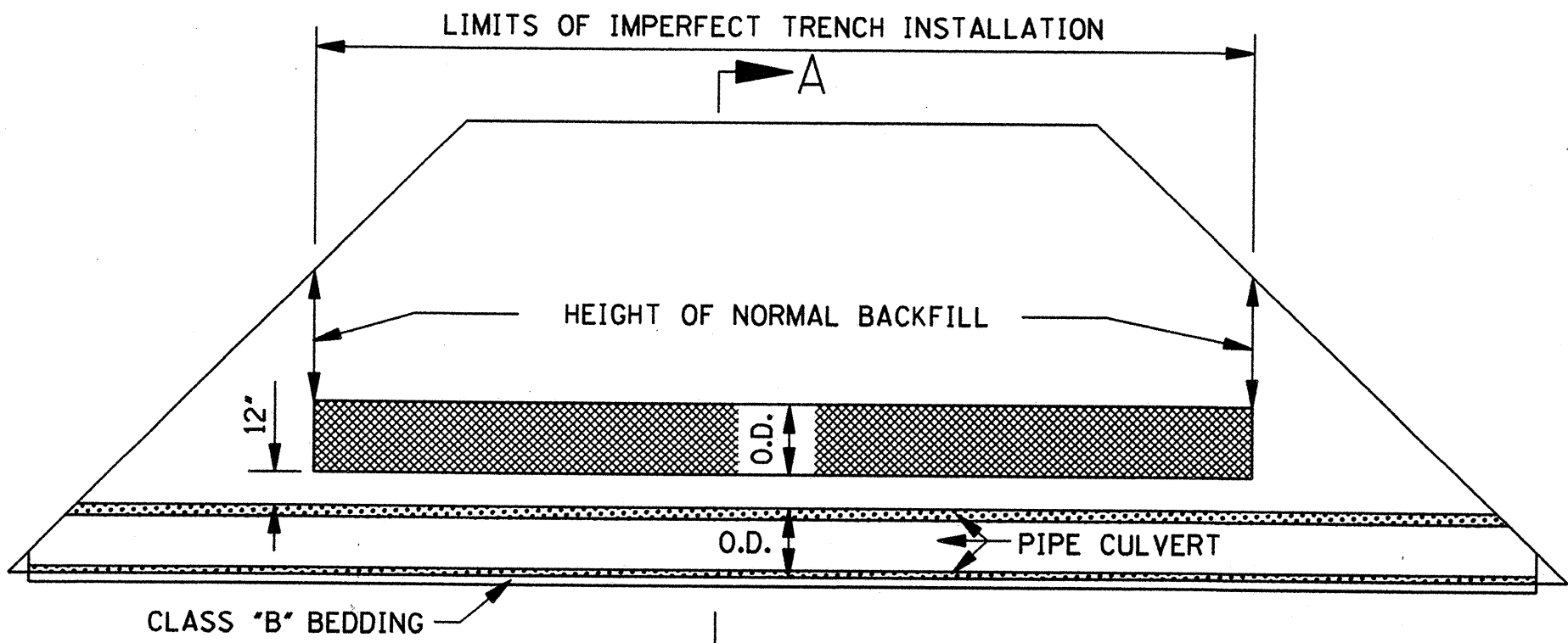
CLASS C



CLASS C MODIFIED



SECTION A-A



ELEVATION

IMPERFECT TRENCH INSTALLATION

MAXIMUM HEIGHT OF FILL OVER REINFORCED CONCRETE PIPE			
CLASS OF PIPE	TYPE OF BACKFILL	MAXIMUM COVER (ft)	
		CLASS "C" BEDDING	CLASS "B" BEDDING
III	NORMAL	16'	-
IV	NORMAL	23'	28'
V	NORMAL	30'	36'
IV	IMPERFECT	-	90'
V	IMPERFECT	-	115'

NOTE: CLASS OF PIPE AND BEDDING TO BE CONSISTENT THROUGHOUT THE PIPE LENGTH.

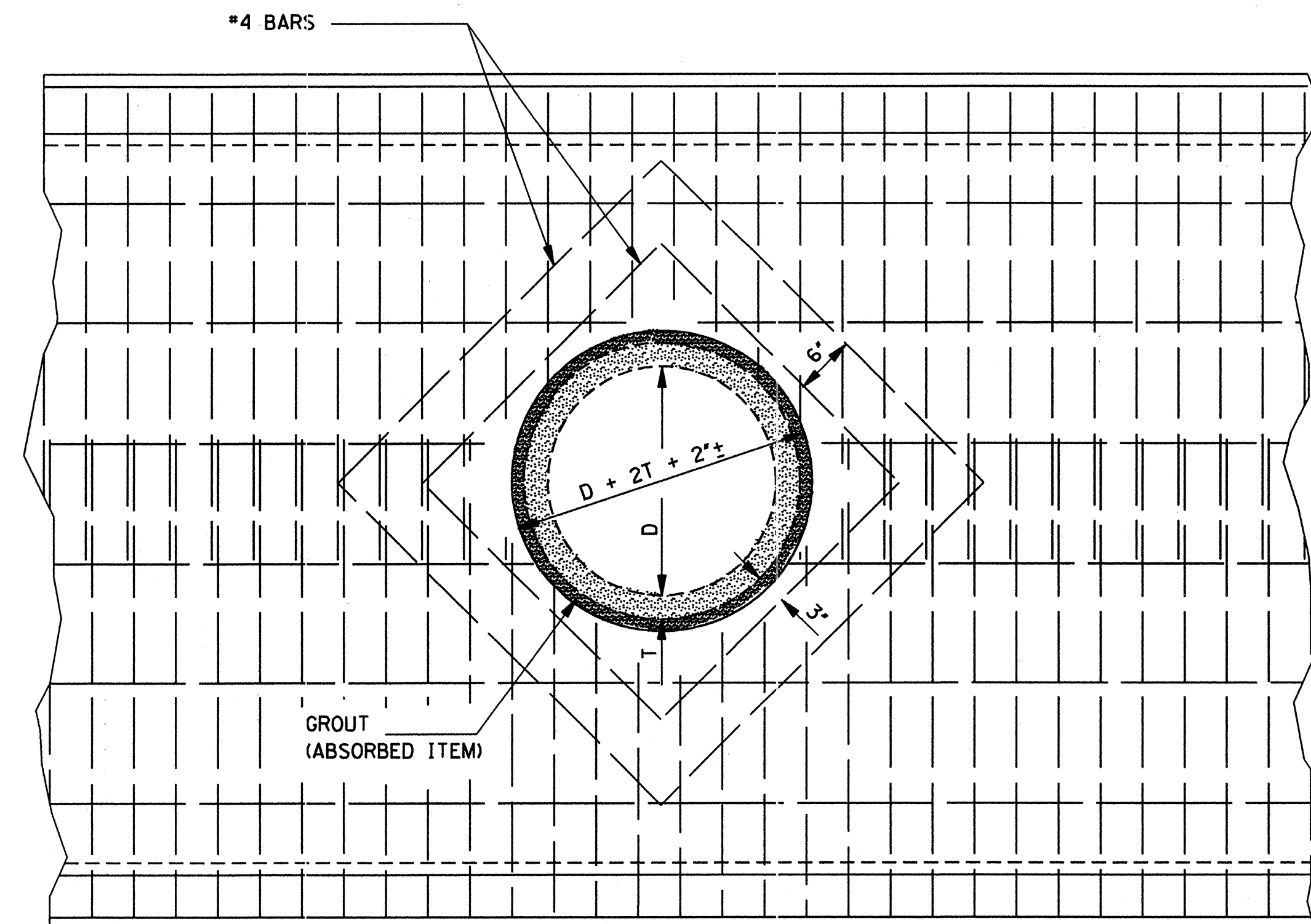
MAXIMUM HEIGHT OF FILL OVER CLASS 2 NONREINFORCED CONCRETE PIPE, PERFORATED AND/OR PLAIN, FOR UNDERDRAINS				
PIPE SIZE (in)	MAXIMUM COVER (ft)			
	BEDDING CLASS "C"/CLASS "B"			PROJECTING POSITIVE p = 0.7; R _{sd} = 0.7
	TRENCH B _d (in)	SAND & GRAVEL	DAMP CLAY	
4"	2.00'	*	*	34' / 42'
6"	2.00'	*	*	25' / 30'
8"	2.25'	*	16' / *	19' / 24'
10"	2.50'	*	12' / 20'	16' / 19'
12"	2.75'	*	12' / 18'	14' / 17'

- NOTES:
- INDICATES NO LIMIT OF FILL HEIGHT (130 lbs/ft²).
 - TRENCH WIDTH (B_d) NO GREATER THAN 16" PLUS O.D.
 - FACTOR OF SAFETY IS 1.25 ON MINIMUM ULTIMATE STRENGTH.
 - MINIMUM COVER FOR HIGHWAY LOADS IS 18".
 - PERFORATED PIPE SHALL BE TYPE 1.

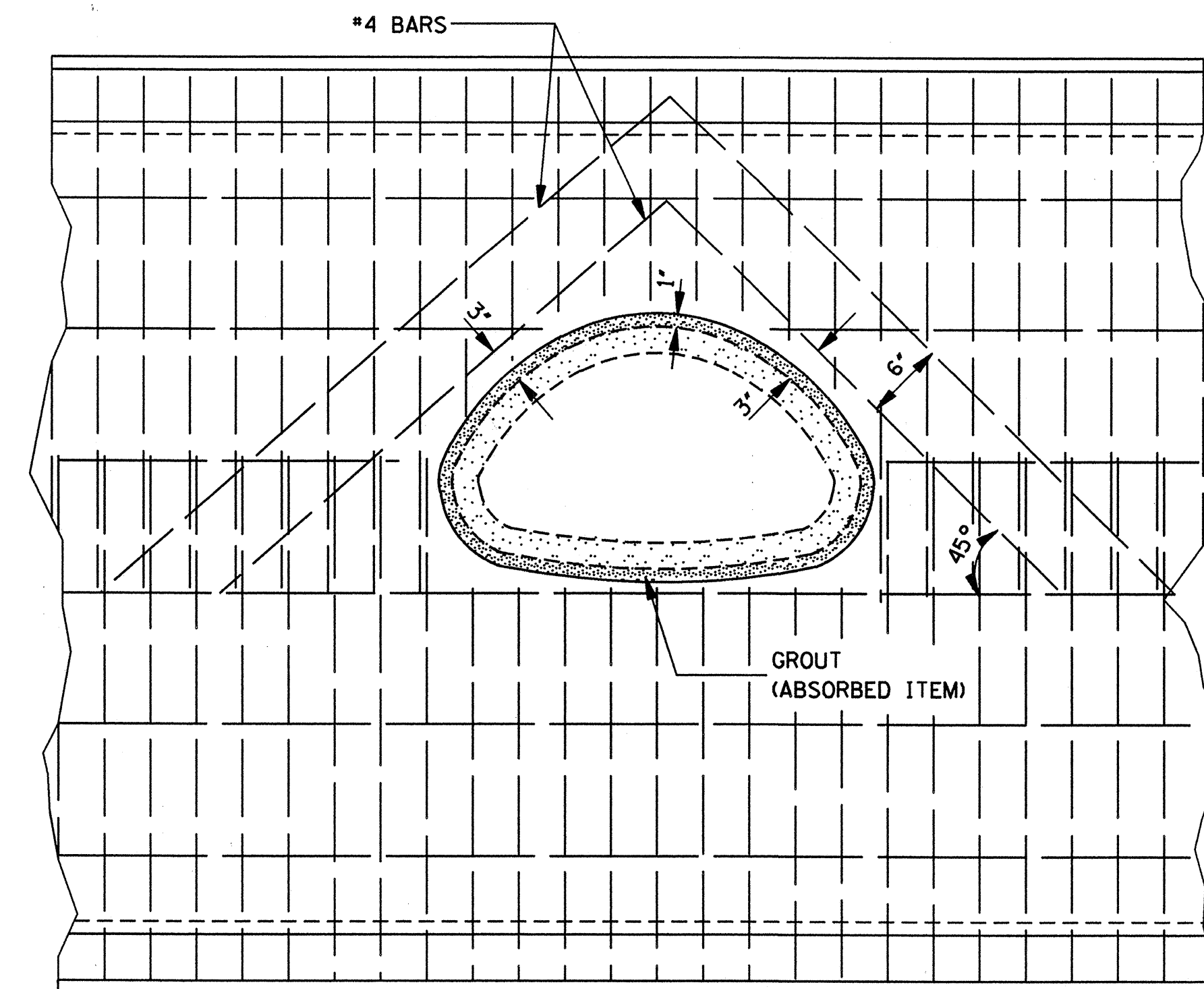
GENERAL NOTES:

- MINIMUM SPACING BETWEEN MULTIPLE LINES OF PARALLEL PIPE SHALL BE THE DISTANCE REQUIRED FOR INSTALLING THE ADJACENT FLARED END SECTIONS OR AS SHOWN ON THE HEADWALL DRAWINGS FOR CONDUITS REQUIRING HEADWALLS.
- UNLESS OTHERWISE INDICATED, THE TOP OF THE PIPE SHALL BE BELOW THE TOP OF THE SUBGRADE, AND A MINIMUM OF 12" OF COVER OVER THE TOP OF THE PIPE SHALL BE MAINTAINED BETWEEN THE SHOULDER LINES.
- WHERE PRE-BED PIPE IS INSTALLED, FLARED END SECTIONS FROM OTHER MANUFACTURERS MAY BE JOINED TO PRE-BED PIPE PROVIDED A CONCRETE COLLAR IS PLACED AT THE CONTRACTORS EXPENSE AND A DEFORMATION TO THE PIPE'S FLOWLINE IS NOT EVIDENT ON FINAL PLACEMENT.

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ELEVATION SHOWING CIRCULAR PIPE
STUBBED INTO BOX CULVERT BARREL OR WING-WALL



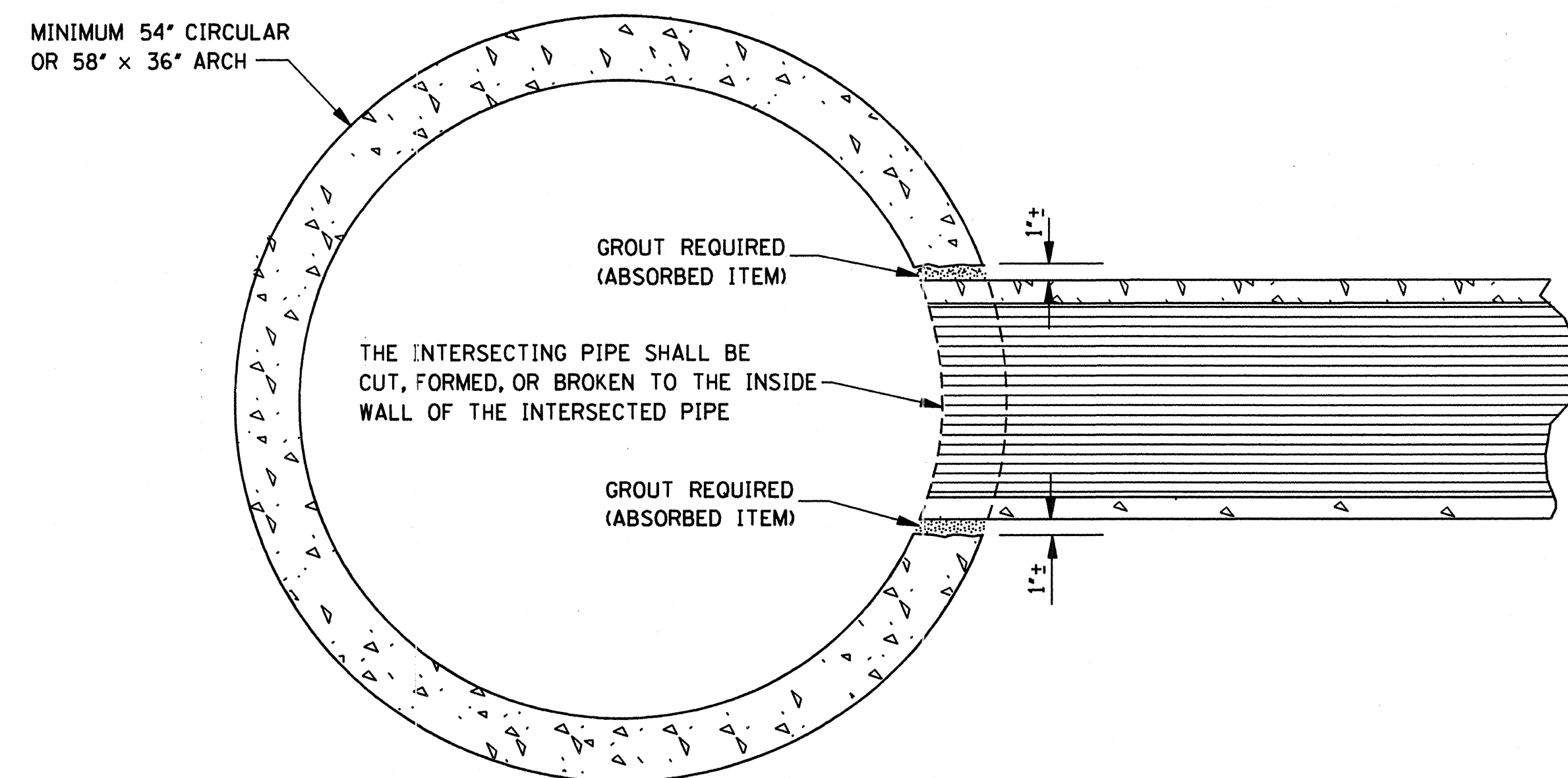
ELEVATION SHOWING ARCH PIPE STUBBED
INTO BOX CULVERT BARREL OR WING-WALL

BAR LIST		
PIPE SIZE	#4 BARS NO.	LGTH.
18"	4	2'-6"
	4	3'-6"
24"	4	3'-1"
	4	4'-1"
30"	4	3'-8 1/2"
	4	4'-8 1/2"
22" x 13"	2	3'-10"
	2	4'-9"
29" x 18"	1	5'-4"
	2	4'-6"
	2	5'-5"
	1	6'-3"

- NOTE:
1. A 24" DIAMETER PIPE IS THE MAXIMUM SIZE THAT MAY BE STUBBED INTO A 54" DIAMETER PIPE.
 2. A 60" DIAMETER PIPE IS THE MINIMUM SIZE THAT A 30" DIAMETER PIPE MAY BE STUBBED INTO.

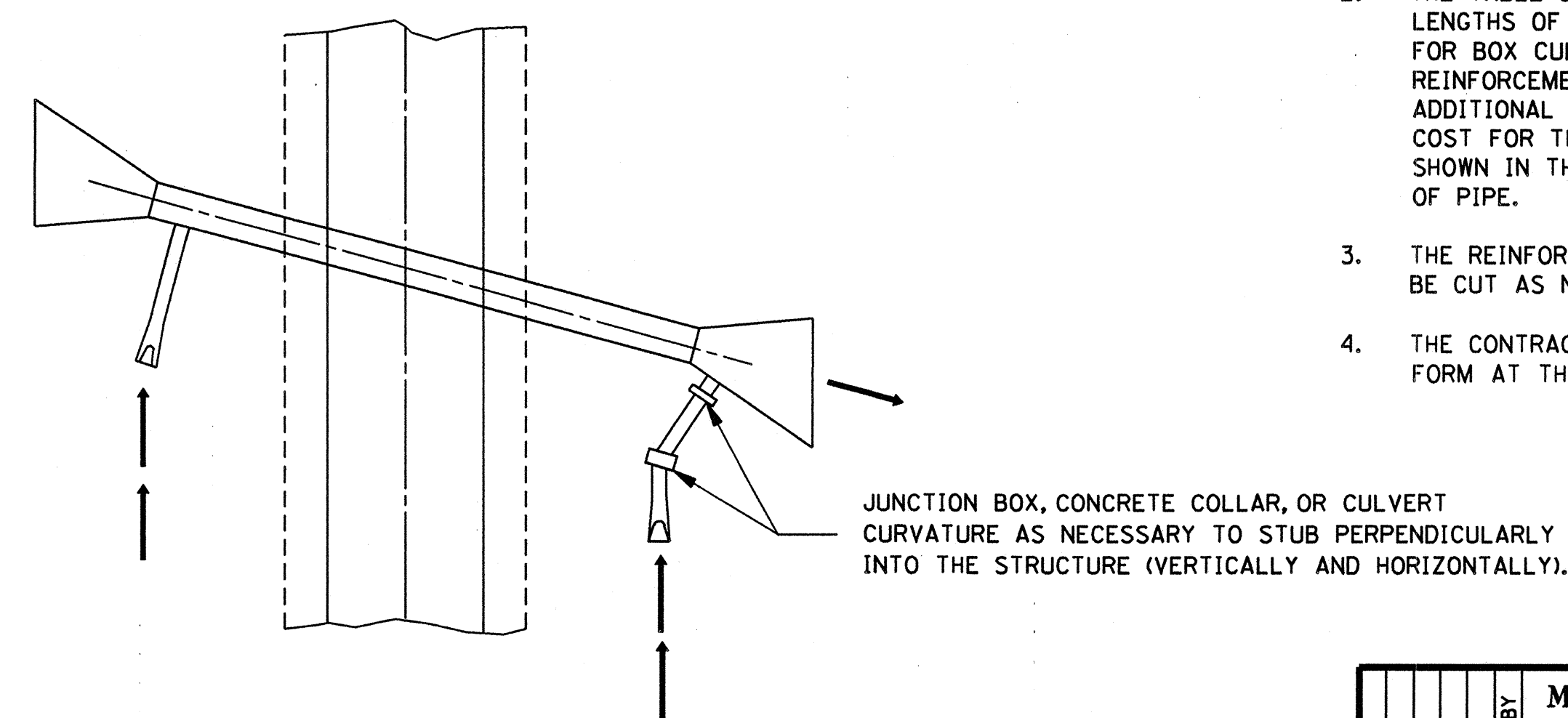
GENERAL NOTES:

1. PAYMENT FOR WORK AND MATERIALS FOR STUBBING A PIPE CULVERT INTO A BOX CULVERT OR CONCRETE PIPE SHALL BE PAID FOR AS A BRANCH CONNECTION OF THE APPROPRIATE SIZE, TYPE AND DESCRIPTION.
2. THE TABLE ON THIS SHEET INDICATES THE NUMBER AND LENGTHS OF ADDITIONAL REINFORCING STEEL BARS REQUIRED FOR BOX CULVERTS CONSTRUCTED. FOR A DOUBLE ROW OF REINFORCEMENT, DOUBLE THE NUMBER OF BARS SHOWN. THE ADDITIONAL REINFORCING STEEL SHALL BE INCLUDED IN THE COST FOR THIS TYPE OF BRANCH CONNECTION. THE QUANTITIES SHOWN IN THE TABLE ARE FOR THE MOST COMMON SIZES OF PIPE.
3. THE REINFORCEMENT OF THE INTERSECTED BOX OR PIPE SHALL BE CUT AS NECESSARY TO ACCOMMODATE THE STUBBED PIPE.
4. THE CONTRACTOR MAY INSERT THE INTERSECTING PIPE INTO THE FORM AT THE PROPER LOCATION IN LIEU OF FORMING BY BLOCKING OUT.



ELEVATION SHOWING PIPE CULVERT
STUBBED INTO CONCRETE PIPE CULVERT

NOTE: TYPICAL INSTALLATION FOR MEDIAN STUB TO CROSSING DRAIN WITH MINIMUM COVER.

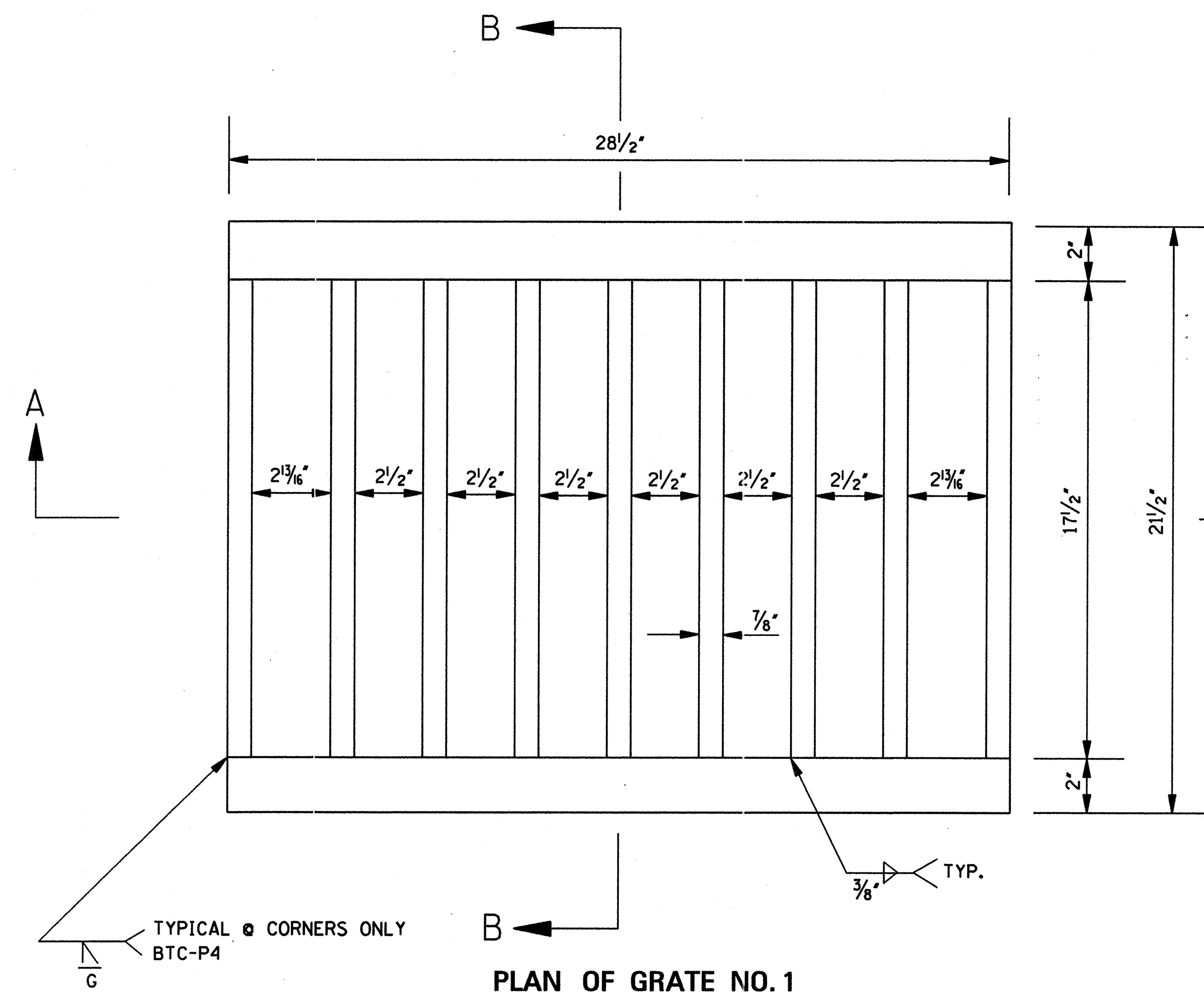


TYPICAL PLAN OF BRANCH CONNECTION
TO BOX CULVERT WING-WALL

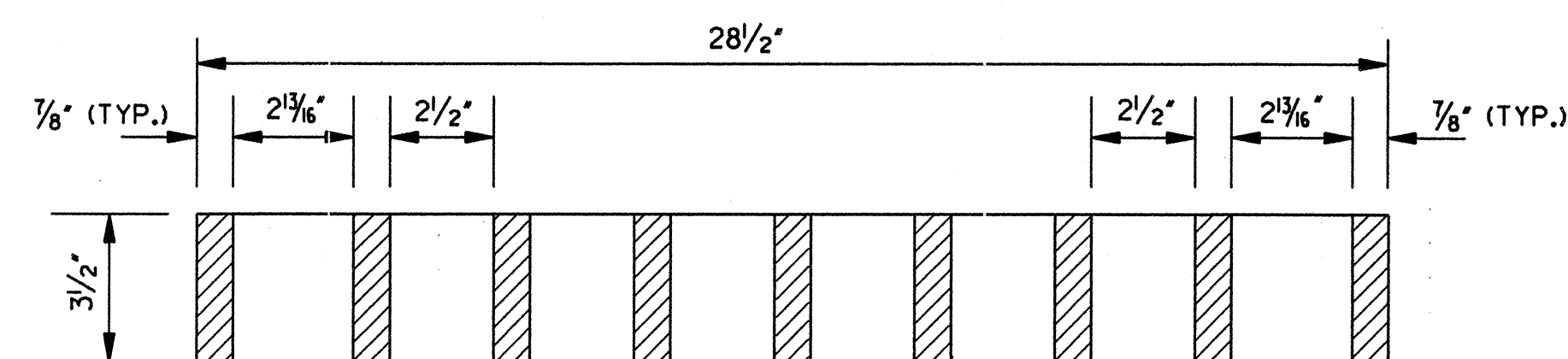
MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
BRANCH CONNECTIONS	
WORKING NUMBER BC-1	SHEET NUMBER 305
DATE	ISSUE DATE: OCTOBER 1, 1998

STATE	PROJECT NO.
MISS.	

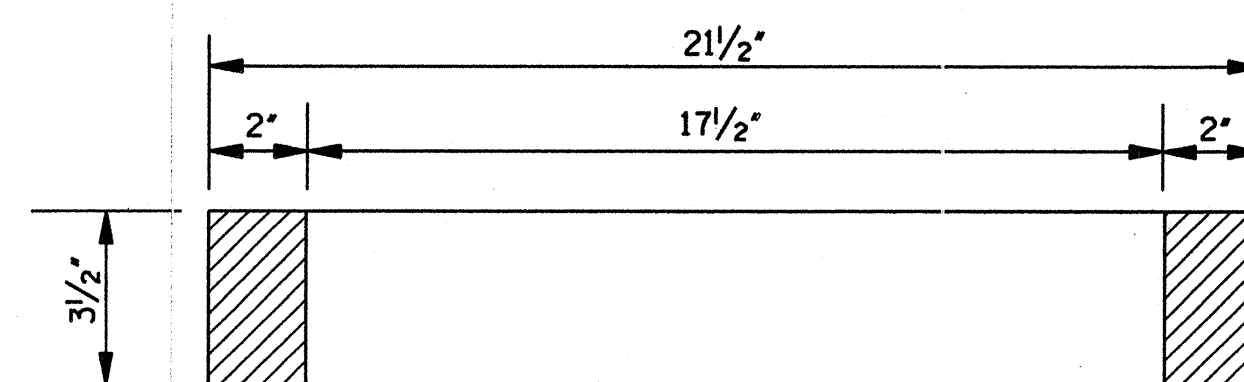
GRATE NO. 1



PLAN OF GRATE NO. 1

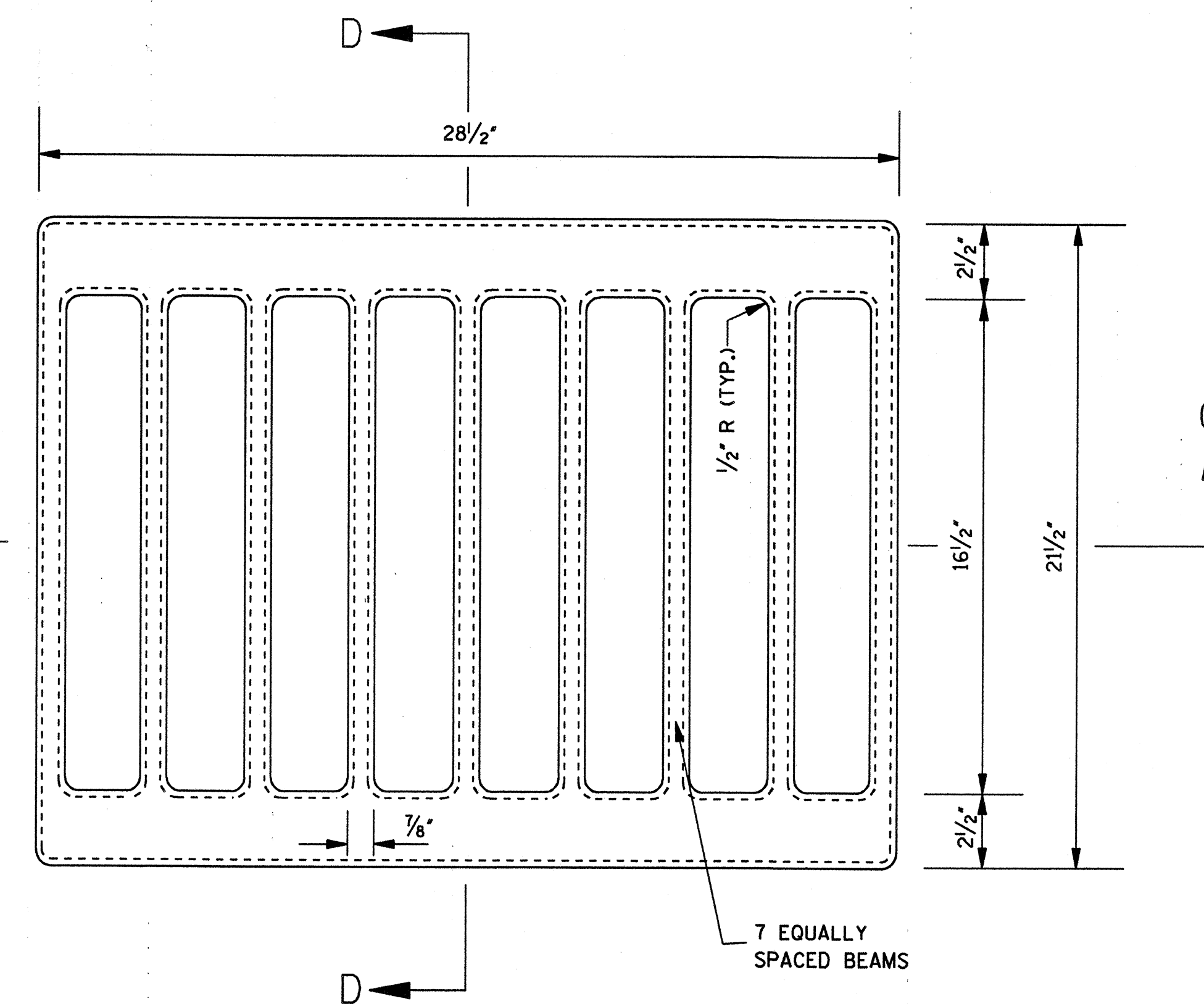


SECTION A-A

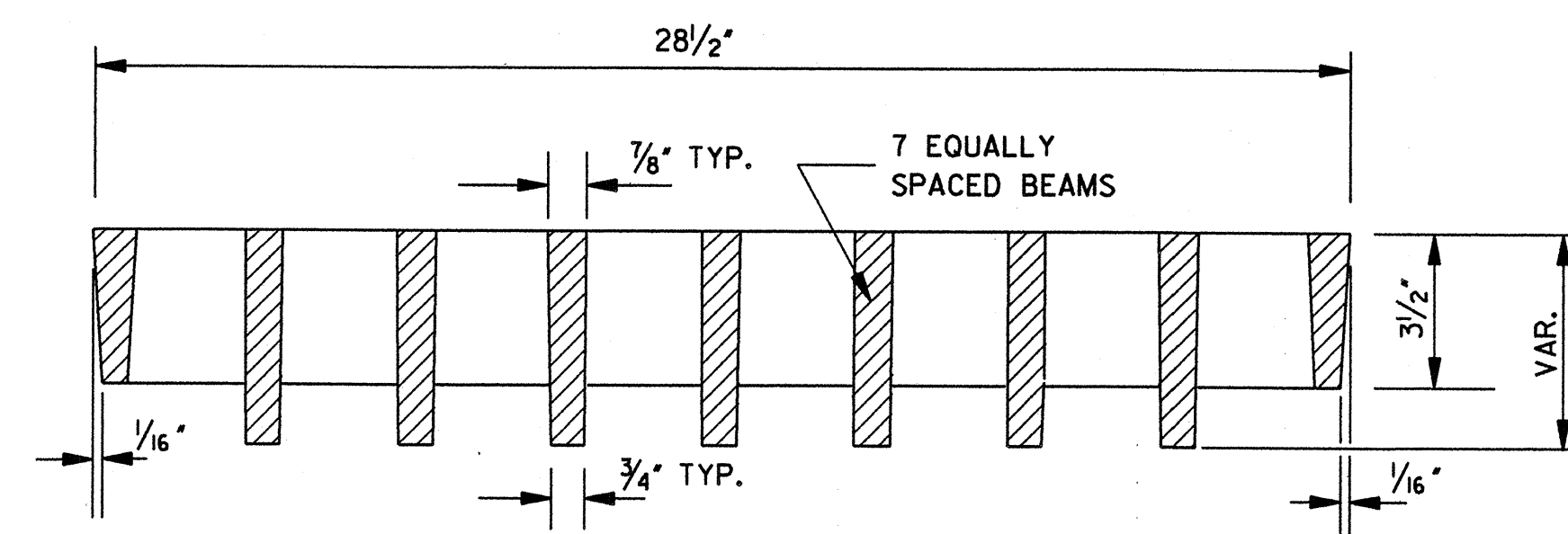


SECTION B-B

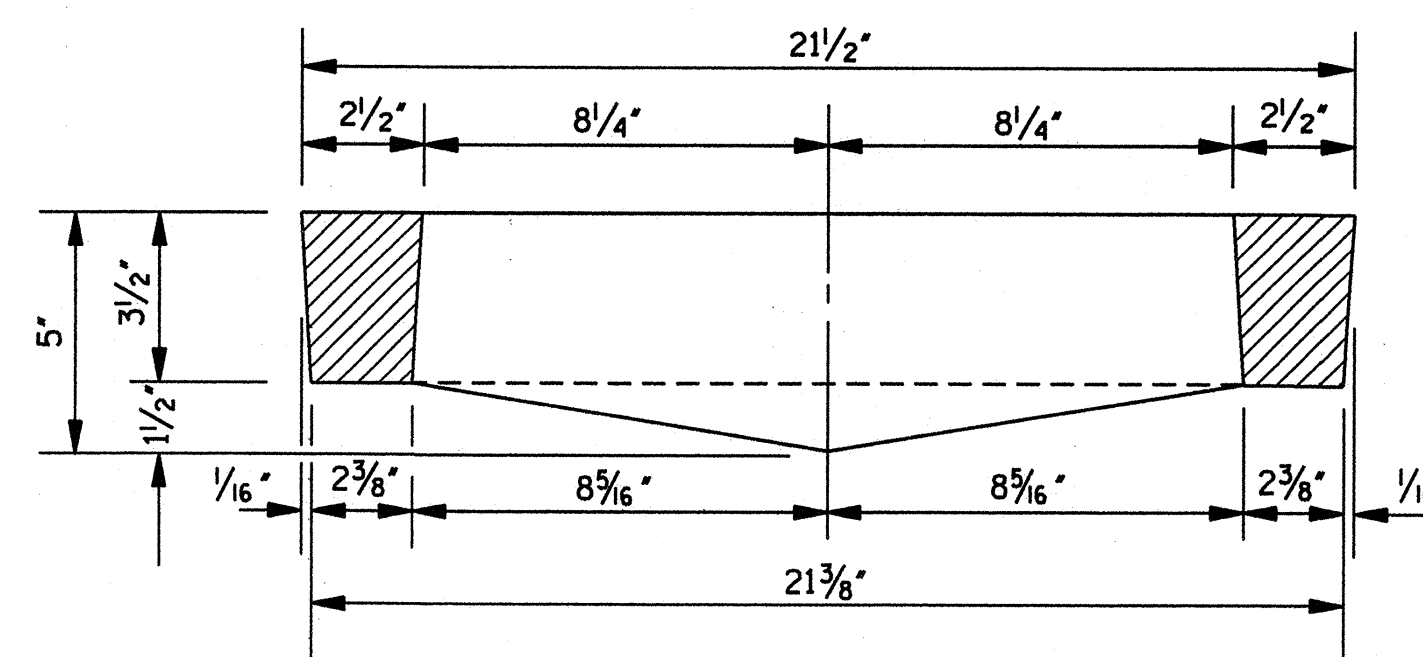
GRATE NO. 2



PLAN OF GRATE NO. 2



SECTION C-C



SECTION D-D

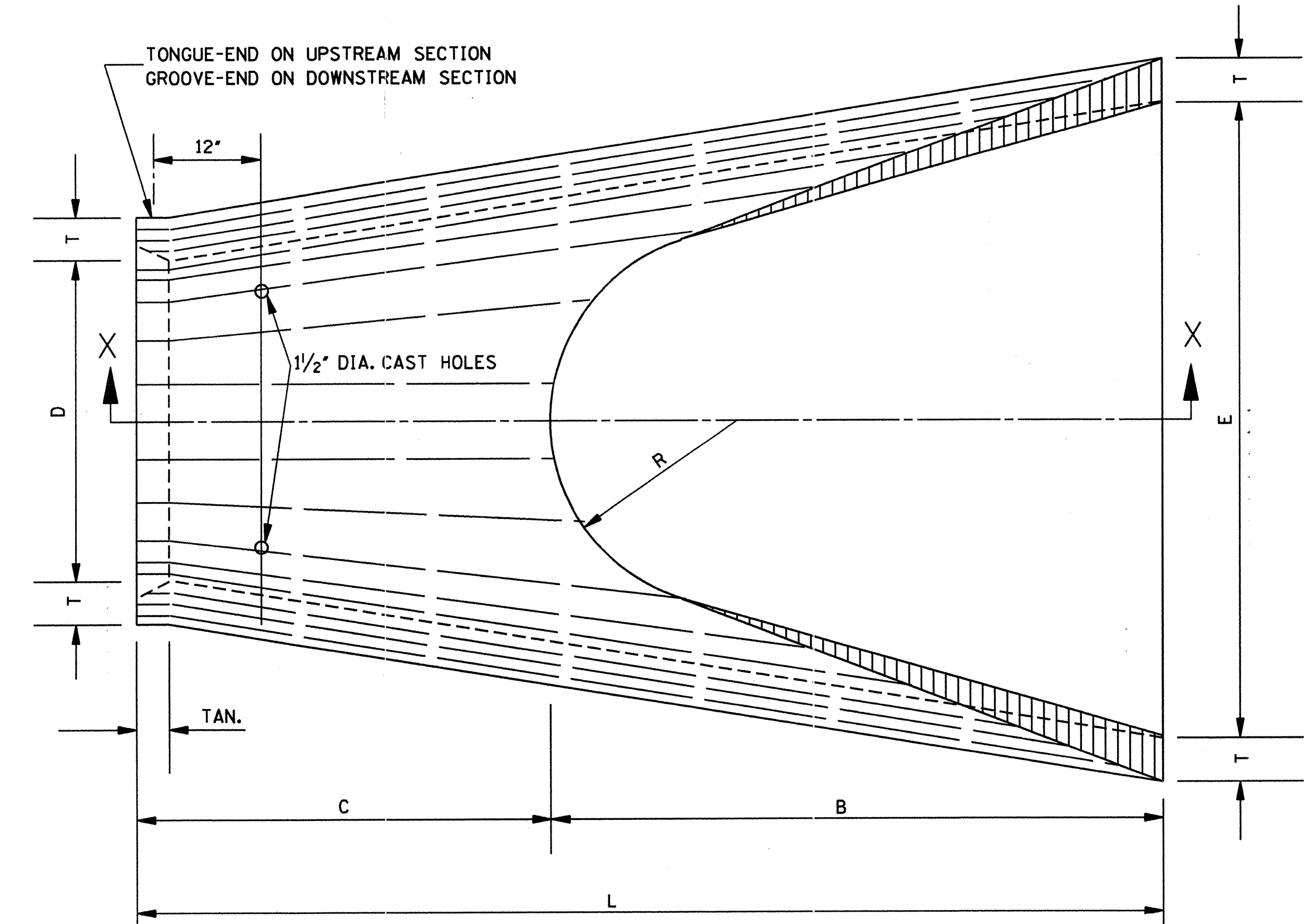
GENERAL NOTES:

1. BASIS OF PAYMENT WILL BE 250 lbs OF GRATING FOR EITHER GRATE.
2. GRATE NO. 1
THE GRATE MAY BE WELDED STEEL (ASTM A 588) OR STEEL CASTING (AASHTO M 192, CLASS 90). STEEL CASTING SHALL BE GALVANIZED (AASHTO M 111).
3. GRATE NO. 2
THE GRATE SHALL BE DUCTILE IRON (ASTM A 536, GRADE 80-55-06).

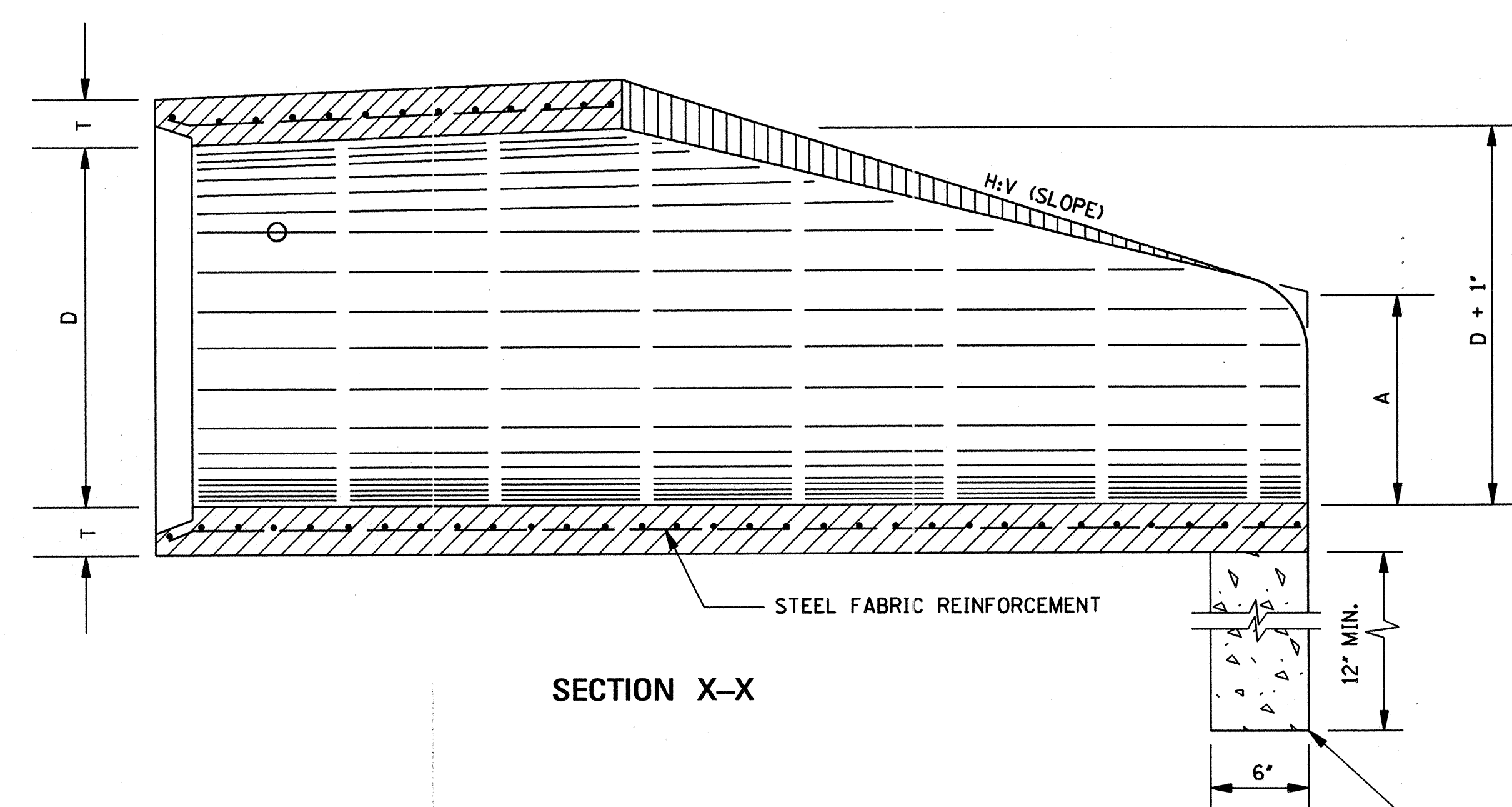
MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN			
DETAILS OF GRATES FOR MEDIAN INLETS			
WORKING NUMBER IG-1			
SHEET NUMBER 314			
DATE	ISSUE DATE:	OCTOBER 1, 1998	

BELL AND SPIGOT END OPTION

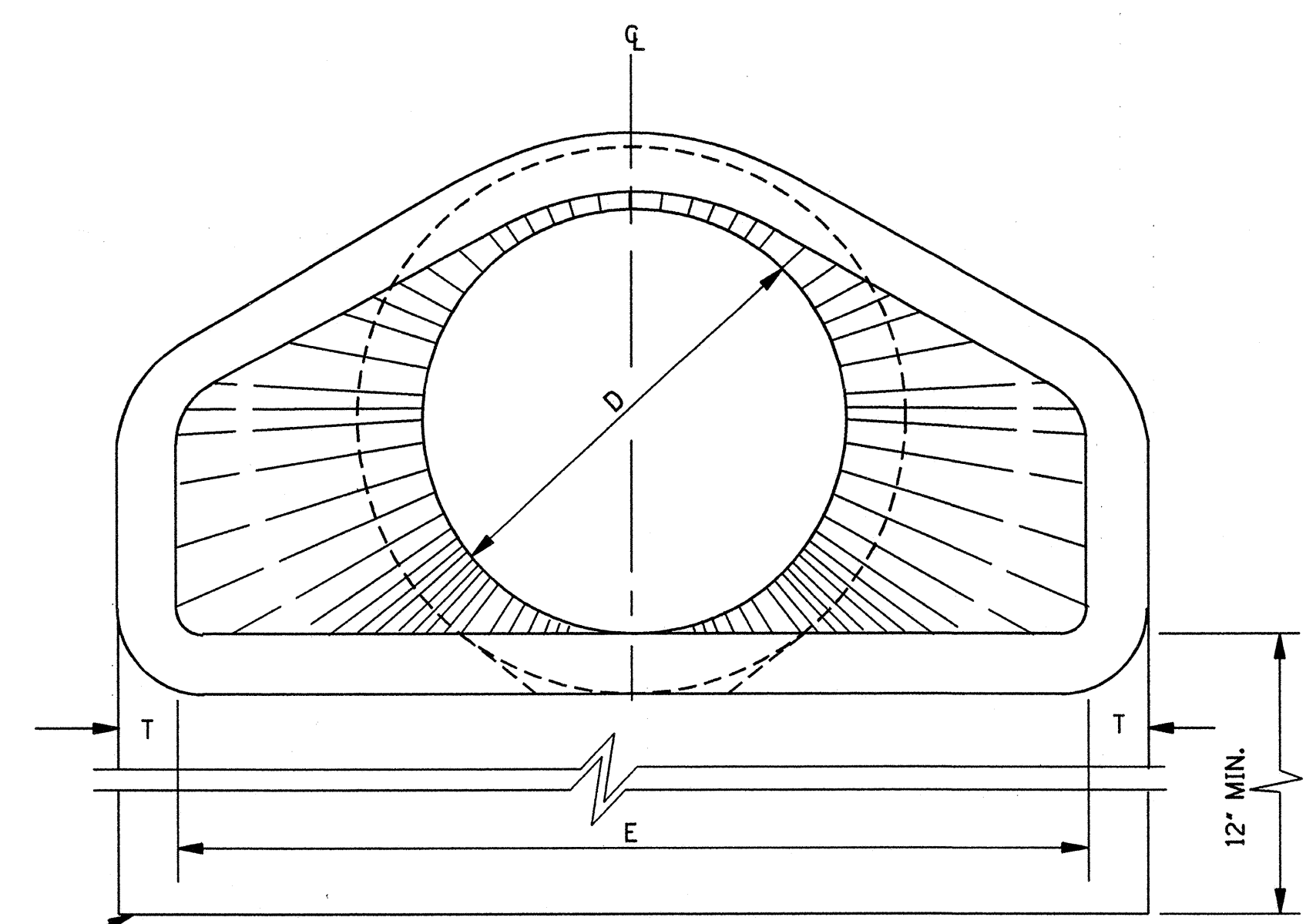
NOTE: BELL-END ON DOWNSTREAM SECTION
SPIGOT-END ON UPSTREAM SECTION.



PLAN OF DOWNSTREAM END



SECTION X-X



END ELEVATION

TOE WALL REQUIRED ON ALL DOWNSTREAM FLARED END SECTIONS. TOE WALL AT UPSTREAM END WILL BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER. TO BE PAID FOR AS CLASS "B" STRUCTURAL CONCRETE - MINOR STRUCTURES.

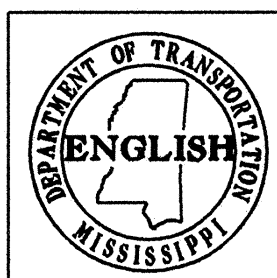
TABLE OF DIMENSIONS							
D	T	H:V	A	B	C	E	L
15"	2 1/4"	3:1	6"	2'-3"	4'-1"	2'-8"	6'-1"
18"	2 1/2"	3:1	9"	2'-3"	3'-10"	3'-0"	6'-1"
24"	3"	3:1	10"	3'-8"	2'-6"	4'-0"	6'-2"
30"	3 1/2"	3:1	1'-0"	4'-6"	1'-8"	5'-0"	6'-2"
36"	4"	3:1	1'-3"	5'-3"	2'-11"	6'-0"	8'-2"
42"	4 1/2"	3:1	1'-9"	5'-3"	2'-11"	6'-6"	8'-2"
48"	5"	3:1	2'-0"	6'-0"	2'-2"	7'-0"	8'-2"
54"	5 1/2"	3:1	2'-4"	6'-6"	1'-10"	7'-6"	8'-4"
* 60"	6"	3:1	2'-10"	6'-6"	1'-10"	8'-0"	8'-4"
* 66"	6 1/2"	3:1	3'-4"	6'-6"	1'-10"	8'-6"	8'-4"
* 72"	7"	3:1	3'-10"	6'-6"	1'-10"	9'-0"	8'-4"

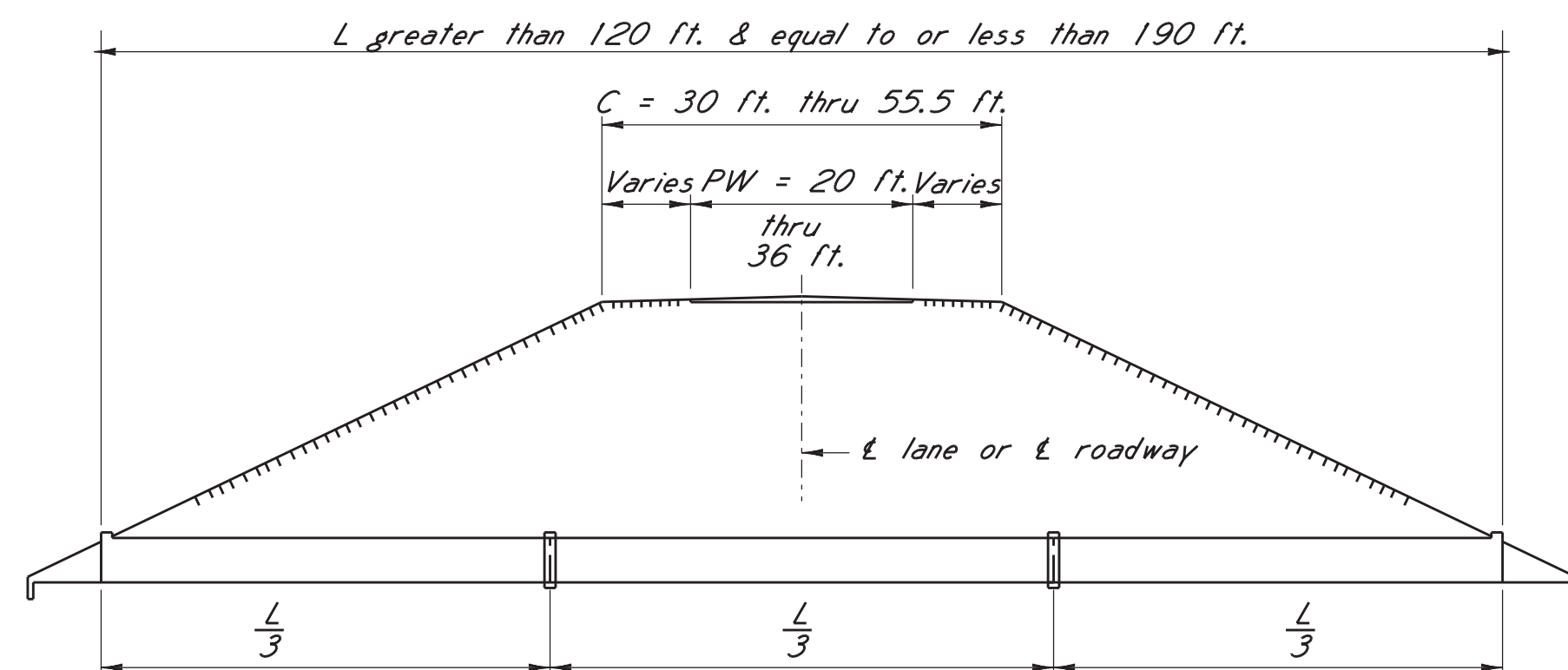
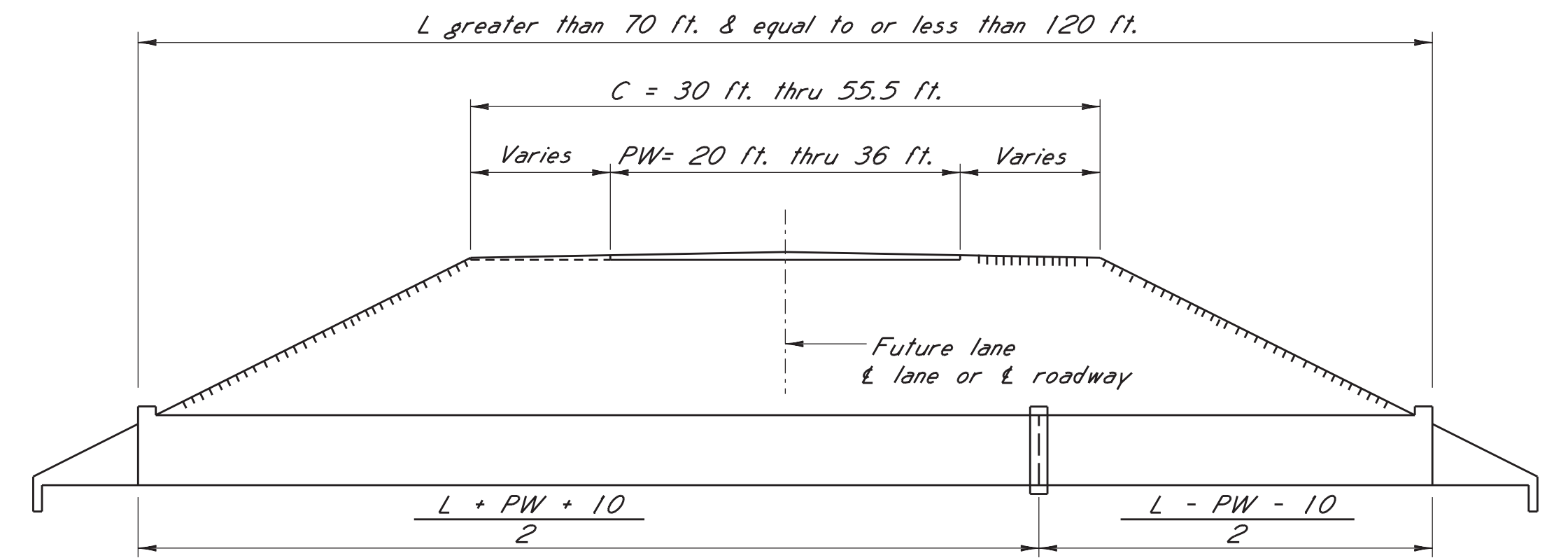
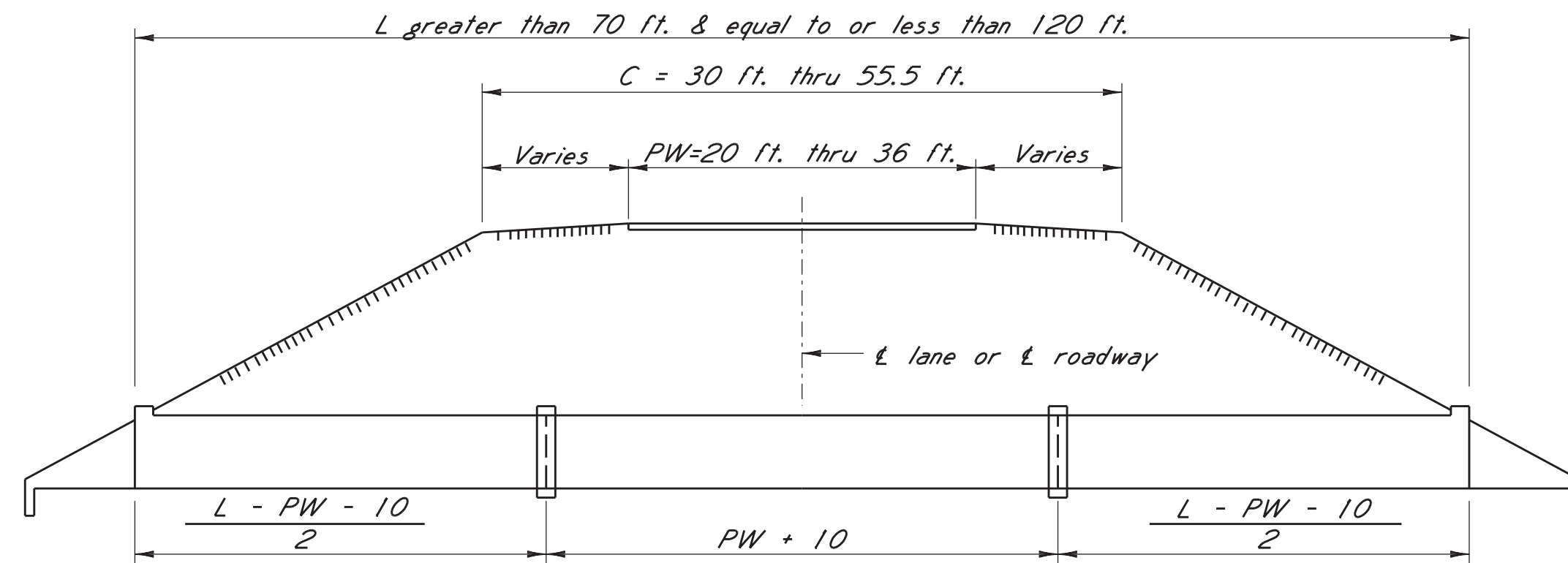
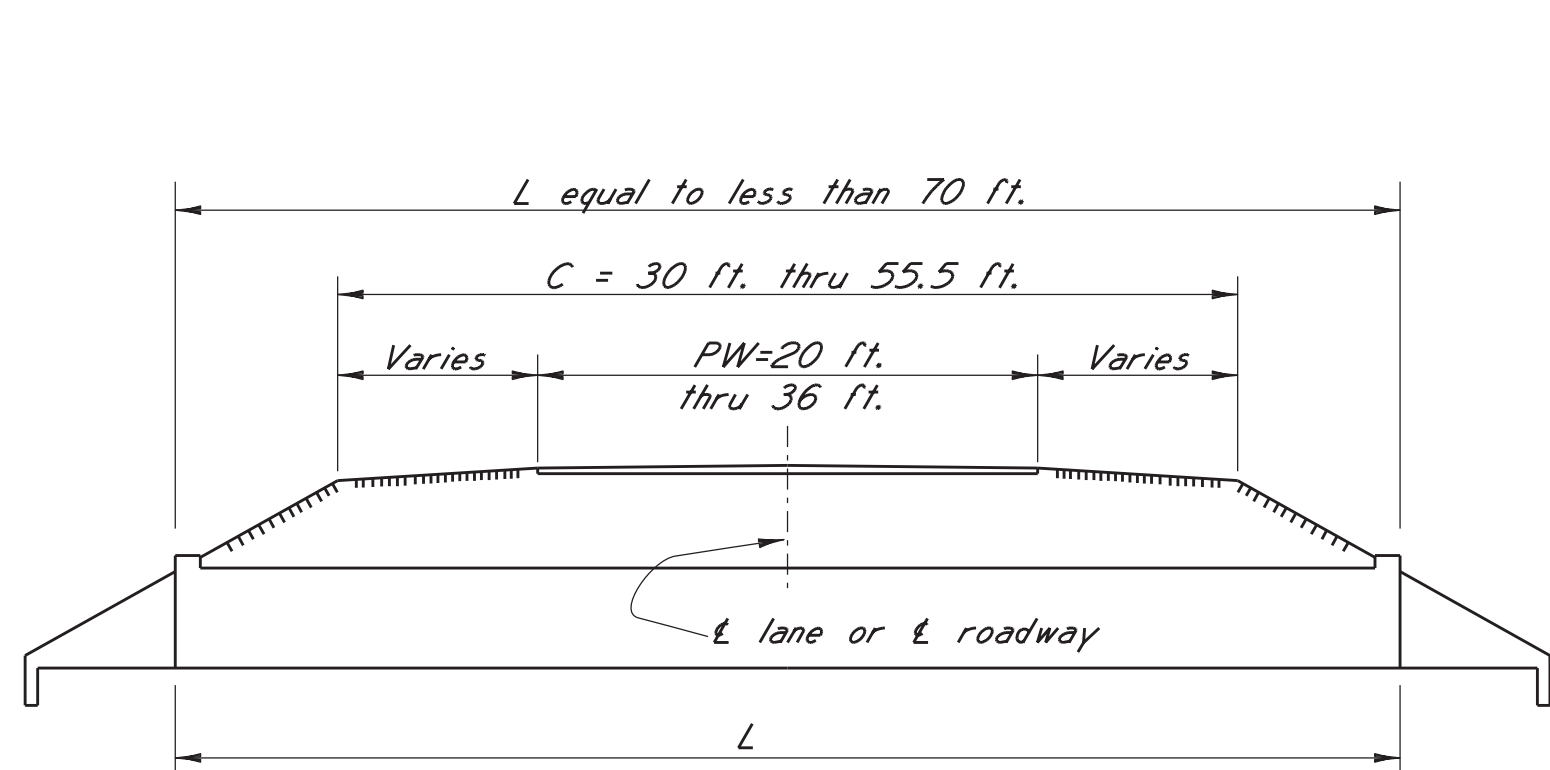
* NOTE: SEE GENERAL NOTE 2.

TOE WALL CONC. QUANTITY (yd ³)
0.056
0.063
0.083
0.102
0.123
0.134
0.145
0.156
0.167
0.177
0.188

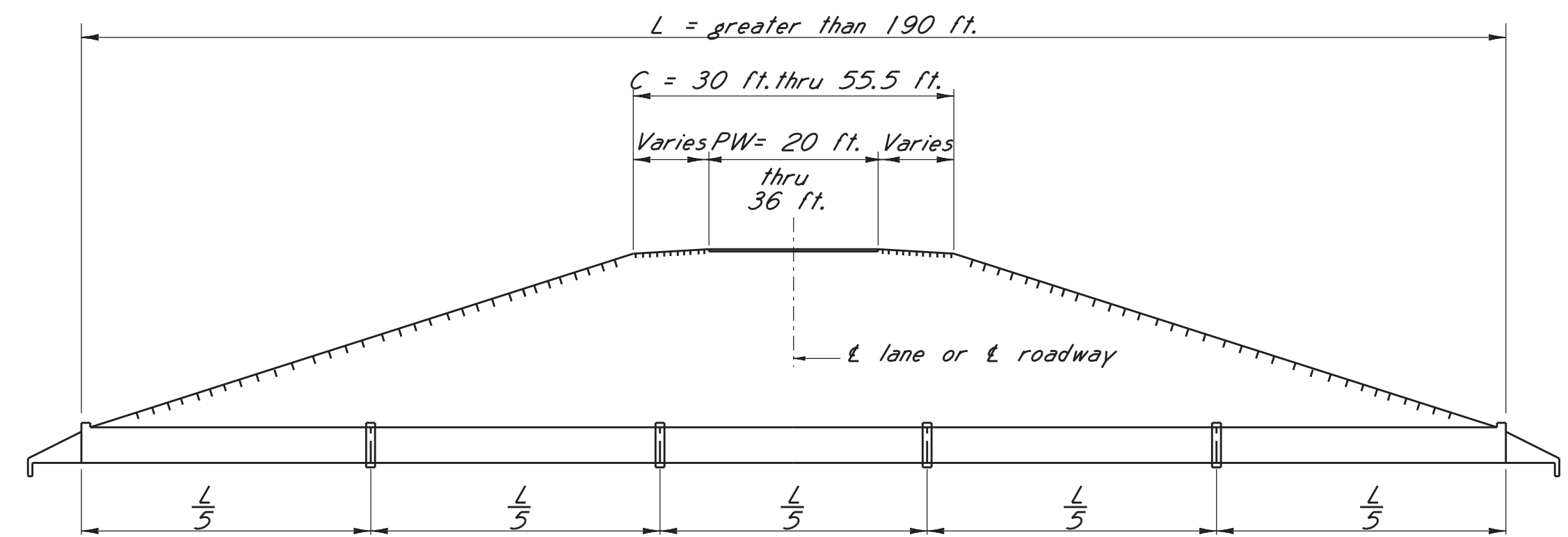
GENERAL NOTES:

1. REINFORCEMENT SHALL CONFORM TO THE REQUIREMENTS OF REINFORCED CONCRETE PIPE OF LIKE DIAMETER PER AASHTO M 170, TABLE 2, WALL B.
2. 2 - 1 1/2" DIA. CAST HOLES REQUIRED AS SHOWN TO ACCOMMODATE 2 - 1" DIA. TIE BOLTS, USED IN TIEING SECTION TO PIPE CULVERT.
3. LENGTH (L) OF A BELL-END OPTION MAY VARY BY A NOMINAL EXTENSION ON THE BELL END.
4. FLARED END SECTIONS ARE NOT TO BE USED INSIDE THE CLEAR ZONE.
5. ALL SIZES OF FLARED END SECTIONS FOR CIRCULAR CONCRETE PIPE MAY BE FURNISHED WITH EITHER BELL AND SPIGOT OR TONGUE AND GROOVE ENDS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN		 WORKING NUMBER FE-1 SHEET NUMBER 328
DATE	ISSUE DATE: OCTOBER 1, 1998	



NOTE: These collar locations are for culverts constructed normal to $\perp$ roadway and shall be adjusted for skew per details in group IV.

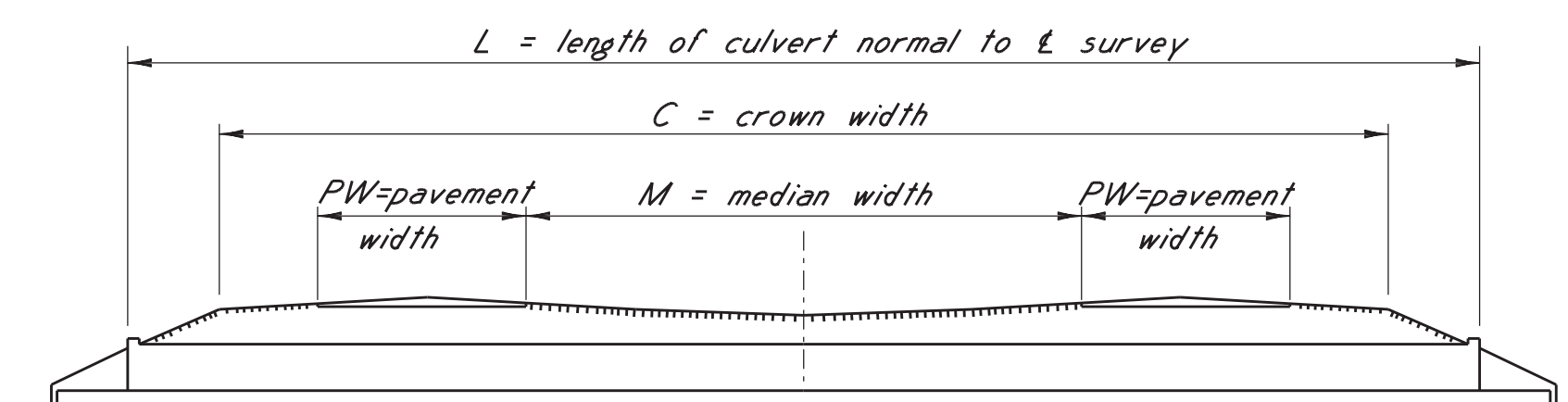


SIDE ELEVATION OF CULVERTS CONSTRUCTED NORMAL TO $\perp$ ROADWAY

Showing collar locations

GENERAL NOTES:

This drawing shows collar locations for box culverts constructed normal to $\perp$ of roadway and general details necessary to locate collars for culverts on 15, 30 and 45° skews. The diagrams on this sheet show collar locations for culverts under variable amounts of cover, crown width and side slopes. Collars shall be placed only at locations shown unless otherwise stated. Collars shall not be located closer than 5 ft. outside pavement for cover of 8 ft. or less except in cases where median is less than 10 ft. where cover exceeds 8 ft., collars may be located without regard to pavement edge. Collar locations per group IV, if required, shall have reinforcement continuous thru collar and shall be placed only at locations indicated. General requirements of basic culvert drawings shall apply except as specifically modified hereon.



SIDE ELEVATION OF CULVERTS CONSTRUCTED NORMAL TO $\perp$ SURVEY

Showing variable for diagrams in group I.

* NOTE: Group I : 2 or 3 - 10 ft. thru 12 ft. traffic lanes
or 2 - 12 ft. (present) & 1 - 12 ft. (future) traffic lanes

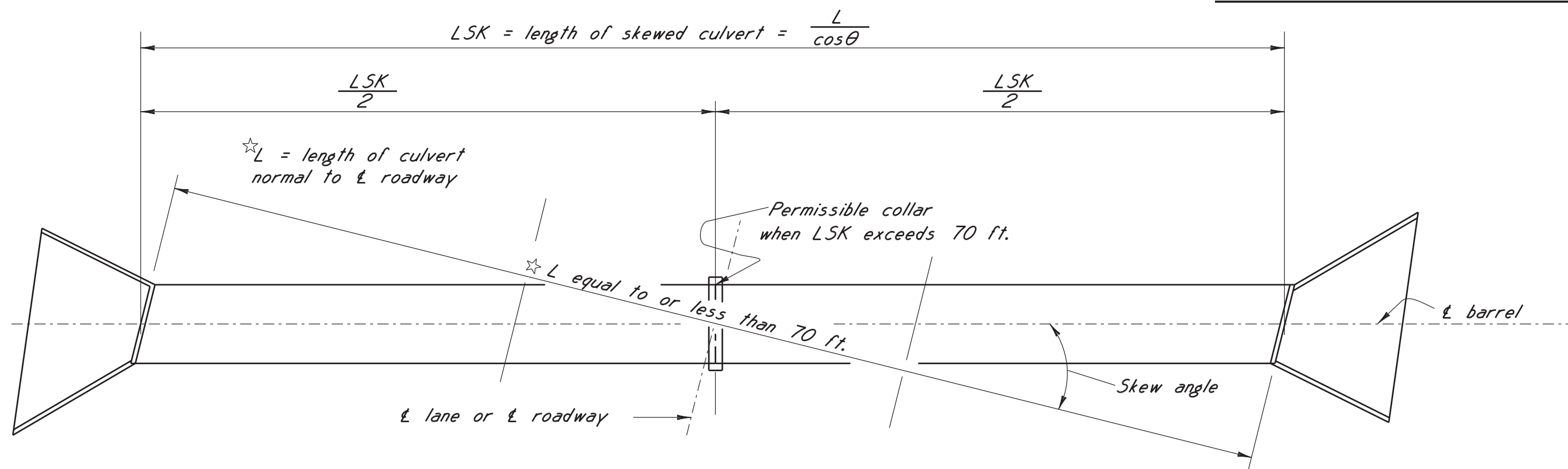
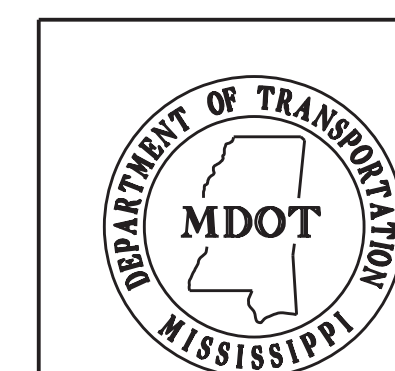


DIAGRAM "A" PLAN OF SKEWED CULVERT

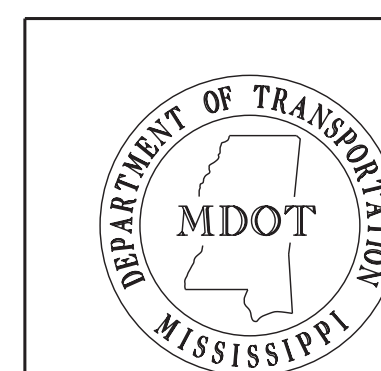
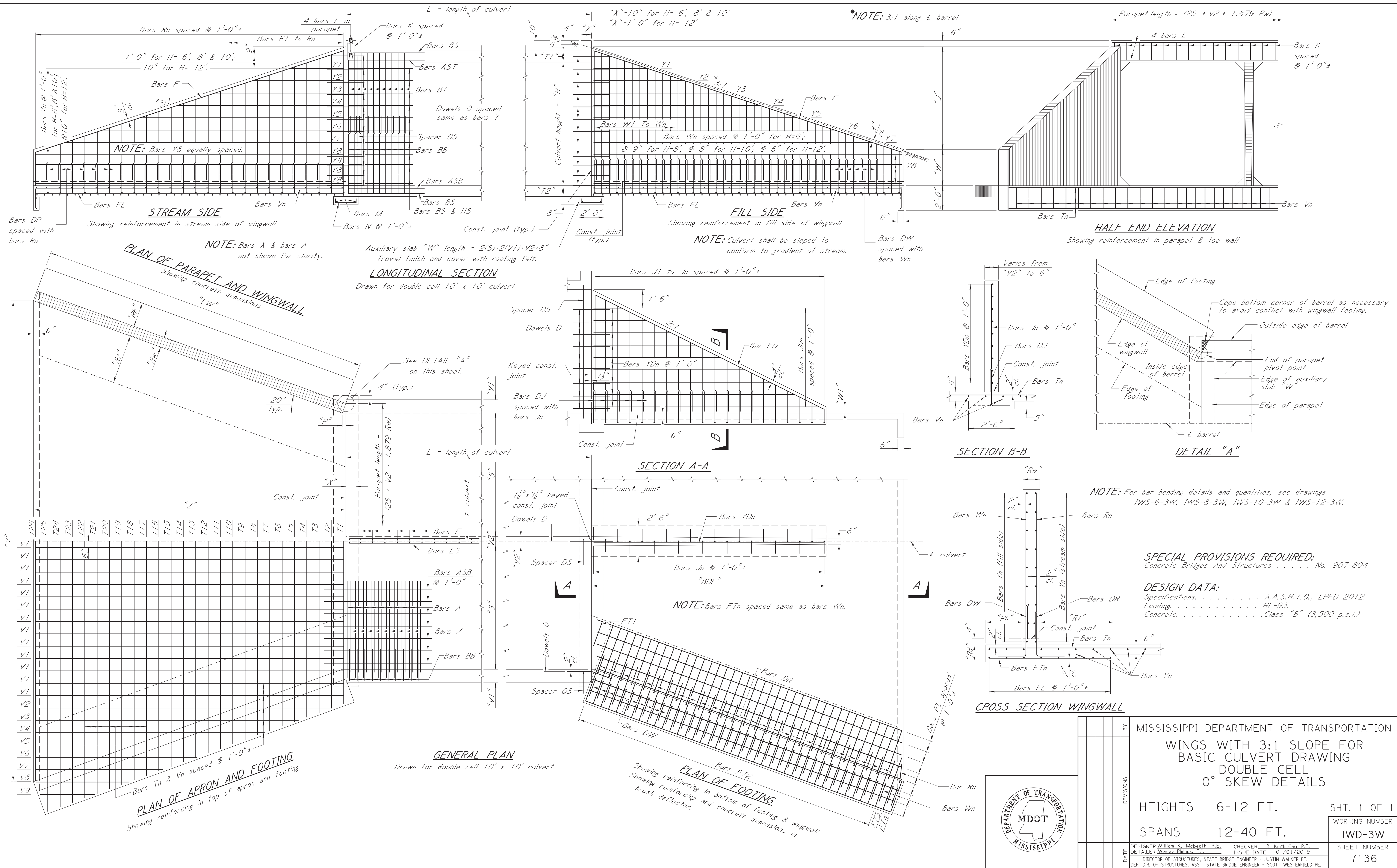
Typical for diagram "A" group I and skewed 15° right forward
(No collars required)
Note : LSK = 1.03528(L) for 15° skew.

GROUP IV DIAGRAMS TYPICAL DIAGRAMS FOR SKEWED CULVERTS

Application of diagrams:
The following diagrams show the general application of joint location diagrams in groups I, II & III to skewed culverts. Location of barrel joints for skewed culverts is determined as follows:
1. With LSK (length of skewed culvert along $\perp$ barrel) given and number of joints and length of barrel sections required, multiply LSK by the cosine of the skew angle θ to obtain L (length of culvert normal to $\perp$ roadway).
2. Enter group I, II or III (determined by roadway cross section) with L to determine the number of joints and length of each barrel section for a culvert constructed normal to $\perp$ roadway.
3. Divide each length of section by the cosine of the skew angle θ to determine the length of each barrel section along $\perp$ barrel.
4. Place the barrel joints (type per basic dwg.) at these locations, if the length of any section exceeds 70 ft. and a construction joint is desired (to reduce yardage of pour) place a construction joint in center of section.



				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
					BASIC CULVERT DRAWING			
					COLLAR LOCATIONS			
					NORMAL AND SKEWED CULVERTS			
					GROUP I DIAGRAMS*			
					SHT. 1 OF 3			
					WORKING NUMBER			
					IBJL-1			
					SHEET NUMBER			
					7005			
				REVISIONS	DESIGNER PAUL DEES, P.E. CHECKER PICKERING FIRM, INC.			
					DATE 1/1/2015			
					DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - JUSTIN WALKER PE.			



HEADWALL DIMENSIONS															
CULVERT HEIGHT "H"	"J"	"LW"	"R"	"Z"	"Rd"	"Rw"	"Rt"	"Rh"	"W1"	"BDL"	"Y"				
											CLEAR SPAN				
											6'	8'	10'	12'	14'
6'-0"	5'-9"	18'-4 ⁵ / ₁₆ "	0'-3 ¹ / ₁₆ "	17'-6 ¹ / ₈ "	11"	9"	3'-0"	2'-0"	0'-6"	11'-0"	24'-6 ¹ / ₁₆ " + V2	28'-6 ¹ / ₁₆ " + V2	32'-6 ¹ / ₁₆ " + V2	36'-6 ¹ / ₁₆ " + V2	40'-6 ¹ / ₁₆ " + V2

NOTE: Total headwall quantities include wingwalls, apron, wingwall footings and parapet.

AREA OF OPENING sq. ft.	SIZE OF CULVERT ft. x ft. "S" x "H"	ESTIMATED QUANTITIES													
		Cover	T1	T2	V1	V2	W	TOTAL HEADWALL		BRUSH DEFLECTOR		1 AUX. SLAB "W"		1 SQUARE COLLAR	
								CONC. cu. yd.	REINF. STEEL lbs.	CONC. cu. yd.	REINF. STEEL lbs.	CONC. cu. yd.	REINF. STEEL lbs.	CONC. cu. yd.	REINF. STEEL lbs.
72	6x6	5'-0"	9"	9"	9"	9"	1'-4"	16.6851	2093.870	1.2133	169.798	0.7366	44.422	1.9375	740.689
		10'-0"	9"	9"	9"	9"	1'-4"	16.6851	2093.870	1.2133	169.798	0.7366	44.422	1.9375	740.689
		15'-0"	9"	9"	9"	9"	1'-4"	16.6851	2093.870	1.2133	169.798	0.7366	44.422	1.9375	740.689
		20'-0"	9"	10 ¹ / ₂ "	9"	9"	1'-4"	16.7544	2093.870	1.2133	169.798	0.7366	44.422	1.9479	743.850
		25'-0"	10 ¹ / ₂ "	1'-0"	9"	9"	1'-5 ¹ / ₂ "	16.9520	2105.097	1.2133	169.882	0.7366	44.422	1.9688	750.173
		30'-0"	11 ¹ / ₂ "	1'-1"	9"	9"	1'-6 ¹ / ₂ "	17.0838	2112.581	1.2133	169.938	0.7366	44.422	1.9826	754.388
96	8x6	5'-0"	9"	9 ¹ / ₂ "	9"	9"	1'-4"	18.2623	2221.680	1.2133	169.798	0.9342	56.001	2.2743	872.715
		10'-0"	9"	11"	9"	9"	1'-4"	18.3502	2221.680	1.2133	169.798	0.9342	56.001	2.2847	876.398
		15'-0"	11"	1'-1"	9"	9"	1'-6"	18.6384	2237.540	1.2133	169.910	0.9342	56.001	2.3125	886.219
		20'-0"	1'-0"	1'-2"	9"	9"	1'-7"	18.7825	2245.470	1.2133	169.965	0.9342	56.001	2.3264	891.129
		25'-0"	1'-2"	1'-4"	9"	9"	1'-9"	19.0707	2261.330	1.2133	170.077	0.9342	56.001	2.3542	900.950
		30'-0"	1'-4"	1'-5 ¹ / ₂ "	9"	9"	1'-11"	19.3296	2277.190	1.2133	170.188	0.9342	56.001	2.3785	909.543
120	10x6	5'-0"	9"	10"	9"	9"	1'-4"	19.8519	2349.491	1.2133	169.798	1.1317	67.579	2.6111	1005.089
		10'-0"	10"	1'-0 ¹ / ₂ "	9"	9"	1'-5"	20.1147	2357.866	1.2133	169.854	1.1317	67.579	2.6354	1014.899
		15'-0"	1'-1"	1'-3 ¹ / ₂ "	9"	9"	1'-8"	20.5840	2382.992	1.2133	170.021	1.1317	67.579	2.6771	1031.716
		20'-0"	1'-4"	1'-6"	9"	9"	1'-11"	21.0179	2408.118	1.2133	170.188	1.1317	67.579	2.7153	1047.132
		25'-0"	11 ¹ / ₂ "	1'-0 ¹ / ₂ "	9"	9"	1'-6 ¹ / ₂ "	20.2430	2370.429	1.2133	169.938	1.1317	67.579	2.6458	1019.103
		30'-0"	1'-0"	1'-1 ¹ / ₂ "	9"	9"	1'-7"	20.3567	2374.617	1.2133	169.965	1.1317	67.579	2.6563	1023.308
144	12x6	5'-0"	10 ¹ / ₂ "	11 ¹ / ₂ "	9"	9"	1'-5 ¹ / ₂ "	21.6654	2490.533	1.2133	169.882	1.3292	79.158	2.9653	1145.687
		10'-0"	1'-0"	1'-1 ¹ / ₂ "	9"	9"	1'-7"	21.9602	2503.764	1.2133	169.965	1.3292	79.158	2.9896	1156.714
		15'-0"	1'-2 ¹ / ₂ "	1'-5 ¹ / ₂ "	9"	9"	1'-9 ¹ / ₂ "	22.5071	2525.815	1.2133	170.105	1.3292	79.158	3.0347	1177.192
		20'-0"	1'-0 ¹ / ₂ "	1'-1"	9"	9"	1'-7 ¹ / ₂ "	21.9614	2508.174	1.2133	169.993	1.3292	79.158	2.9896	1156.714
		25'-0"	1'-1"	1'-2"	9"	9"	1'-8"	22.0874	2512.584	1.2133	170.021	1.3292	79.158	3.0000	1161.439
		30'-0"	1'-2"	1'-3 ¹ / ₂ "	9"	9"	1'-9"	22.2978	2521.405	1.2133	170.077	1.3292	79.158	3.0174	1169.316
168	14x6	5'-0"	11 ¹ / ₂ "	1'-0 ¹ / ₂ "	9"	9"	1'-6 ¹ / ₂ "	23.4254	2628.277	1.2133	169.938	1.5267	90.737	3.3125	1284.873
		10'-0"	1'-1 ¹ / ₂ "	1'-3"	9 ¹ / ₂ "	9"	1'-8 ¹ / ₂ "	23.8366	2646.809	1.2133	170.049	1.5309	90.848	3.3507	1302.113
		15'-0"	1'-0"	1'-1"	10 ¹ / ₂ "	9"	1'-7"	23.5178	2632.910	1.2133	169.965	1.5391	91.071	3.3403	1292.868
		20'-0"	1'-3"	1'-3"	9"	9"	1'-10"	23.9638	2660.708	1.2133	170.132	1.5267	90.737	3.3542	1305.862
		25'-0"	1'-3"	1'-4 ¹ / ₂ "	10"	9"	1'-10"	24.1104	2660.708	1.2133	170.132	1.5350	90.959	3.3785	1314.107
		30'-0"	1'-4"	1'-6"	10"	9"	1'-11"	24.3403	2669.974	1.2133	170.188	1.5350	90.959	3.3958	1322.852
192	16x6	5'-0"	1'-1"	1'-1 ¹ / ₂ "	10"	9"	1'-8"	25.2543	2843.482	1.2133	170.021	1.7325	102.538	3.6771	1430.370
		10'-0"	1'-3 ¹ / ₂ "	1'-4 ¹ / ₂ "	10 ¹ / ₂ "	9"	1'-10 ¹ / ₂ "	25.7954	2867.760	1.2133	170.160	1.7366	102.649	3.7222	1453.021
		15'-0"	1'-2"	1'-3"	9"	9"	1'-9"	25.5003	2853.193	1.2133	170.077	1.7243	102.315	3.6806	1436.986
		20'-0"	1'-4 ¹ / ₂ "	1'-4 ¹ / ₂ "	9"	9"	1'-11 ¹ / ₂ "	25.8761	2877.471	1.2133	170.216	1.7243	102.315	3.7083	1452.370
		25'-0"	1'-5 ¹ / ₂ "	1'-6 ¹ / ₂ "	9"	9"	2'-0 ¹ / ₂ "	26.1775	2887.183	1.2133	170.272	1.7243	102.315	3.7292	1463.907
		30'-0"	1'-7 ¹ / ₂ "	1'-8 ¹ / ₂ "	9"	9"	2'-2 ¹ / ₂ "	26.5644	2906.605	1.2133	170.383	1.7243	102.315	3.7569	1479.290

GENERAL NOTES:

Specifications: Mississippi Standard Specifications For Road And Bridge Construction, 2004.
All concrete shall be Class "B".
Concrete surfaces shall be finished in accordance with Sub-Section 804.03.19.6.2
Expansion joint material shall be bituminous fiber type unless otherwise noted.
All exposed corners shall be chamfered ³/₄".
Reinforcing steel shall be placed 2" clear minimum from the surface of the concrete unless otherwise noted, and all reinforcing shall be adequately supported from the forms.
All bars shall be accurately spaced and securely wired at each intersection before placing concrete.
Bar bending details shall be in accordance with "Manual of Standard Practice for Detailing Reinforced Concrete Structures" (ACI 315R-94).
Reinforcement order lists and required placing plans shall be furnished in accordance with Section 805 of the Mississippi Standard Specifications. Partial submittals are not acceptable.
Reinforcing steel shall be ASTM A615, Grade 60, unless otherwise noted.
Horizontal construction joints shall be placed only at the locations shown, and the concrete shall be allowed to set a minimum period of two hours before continuing the pour.
Auxiliary slabs "W" and vertical construction joints at the wings shall be placed in all culverts regardless of length.
The quantities shown will be used as a basis for final payment unless this drawing is modified.



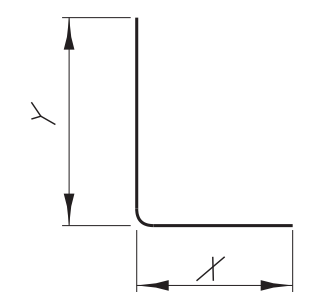
					BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION									
						WINGS WITH 3:1 SLOPE FOR									
						BASIC CULVERT DRAWING									
						DOUBLE CELL									
						0° SKEW DETAILS									
						HEIGHT 6 FT.					SHT. 1 OF 2				
						SPANS 12-32 FT.					WORKING NUMBER				
											IWD-6-3W				
											SHEET NUMBER				
											7137				

DESIGNER William K. McBeath, P.E.
ISSUE DATE 01/01/2015
CHECKER B. Keith Carr, P.E.
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - JUSTIN WALKER PE
DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - SCOTT WESTERFIELD PE.

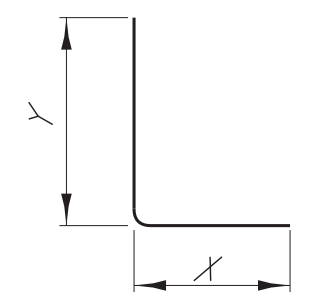
HEIGHT = 6 FT.												
BAR LISTS FOR WINGS, FOOTING, PARAPET, APRON & AUXILIARY SLAB												
BAR	SIZE	NO. REQUIRED							DIM. X	DIM. Y	LENGTH	
		SPAN										
		6'	8'	10'	12'	14'	16'					
T1	#4	1	1	1	1	1	1				25+V2+5'-5"	
T2	#4	1	1	1	1	1	1				25+V2+6'-1 1/2"	
T3	#4	1	1	1	1	1	1				25+V2+6'-10"	
T4	#4	1	1	1	1	1	1				25+V2+7'-6"	
T5	#4	1	1	1	1	1	1				25+V2+8'-2 1/2"	
T6	#4	1	1	1	1	1	1				25+V2+8'-11"	
T7	#4	1	1	1	1	1	1				25+V2+9'-7"	
T8	#4	1	1	1	1	1	1				25+V2+10'-3 1/2"	
T9	#4	1	1	1	1	1	1				25+V2+11'-0"	
T10	#4	1	1	1	1	1	1				25+V2+11'-8"	
T11	#4	1	1	1	1	1	1				25+V2+12'-4 1/2"	
T12	#4	1	1	1	1	1	1				25+V2+13'-1"	
T13	#4	1	1	1	1	1	1				25+V2+13'-9"	
T14	#4	1	1	1	1	1	1				25+V2+14'-5 1/2"	
T15	#4	1	1	1	1	1	1				25+V2+15'-2"	
T16	#4	1	1	1	1	1	1				25+V2+15'-10"	
T17	#4	1	1	1	1	1	1				25+V2+16'-6 1/2"	
T18	#4	1	1	1	1	1	1				25+V2+17'-3"	
T19	#4	3	3	3	3	3	3				25+V2+12'-6"	
V1	#4	18	22	26	30	34	38		17'-2"	1'-8"	18'-10"	
V2	#4	2	2	2	2	2	2		16'-0 1/2"	1'-8"	17'-8 1/2"	
V3	#4	2	2	2	2	2	2		13'-3 1/2"	1'-8"	14'-11 1/2"	
V4	#4	2	2	2	2	2	2		10'-6 1/2"	1'-8"	12'-2 1/2"	
V5	#4	2	2	2	2	2	2		7'-9 1/2"	1'-8"	9'-5 1/2"	
V6	#4	2	2	2	2	2	2		4'-9"		4'-9"	
FT1	#5	38	38	38	38	38	38				5'-5"	
FT2	#5	2	2	2	2	2	2				2'-6 1/2"	
FL	#4	14	14	14	14	14	14				18'-0 1/2"	
W1	#5	2	2	2	2	2	2			W+5'-1"	W+5'-1"	
W2	#5	2	2	2	2	2	2			W+4'-9 1/2"	W+4'-9 1/2"	
W3	#5	2	2	2	2	2	2			W+4'-6"	W+4'-6"	
W4	#5	2	2	2	2	2	2			W+4'-2 1/2"	W+4'-2 1/2"	
W5	#5	2	2	2	2	2	2			W+3'-11"	W+3'-11"	
W6	#5	2	2	2	2	2	2			W+3'-7 1/2"	W+3'-7 1/2"	
W7	#5	2	2	2	2	2	2			W+3'-4"	W+3'-4"	
W8	#5	2	2	2	2	2	2			W+3'-0 1/2"	W+3'-0 1/2"	
W9	#5	2	2	2	2	2	2			W+2'-8 1/2"	W+2'-8 1/2"	
W10	#5	2	2	2	2	2	2			W+2'-5"	W+2'-5"	
W11	#5	2	2	2	2	2	2			W+2'-1 1/2"	W+2'-1 1/2"	
W12	#5	2	2	2	2	2	2			W+1'-10"	W+1'-10"	
W13	#5	2	2	2	2	2	2			W+1'-6 1/2"	W+1'-6 1/2"	
W14	#5	2	2	2	2	2	2		1'-6"	W+2'-3"	W+3'-9"	
W15	#5	2	2	2	2	2	2		1'-6"	W+1'-11"	W+3'-5"	
W16	#5	2	2	2	2	2	2		1'-6"	W+1'-7 1/2"	W+3'-1 1/2"	
W17	#5	2	2	2	2	2	2		1'-6"	W+1'-4"	W+2'-10"	
W18	#5	2	2	2	2	2	2		1'-6"	W+1'-0 1/2"	W+2'-6 1/2"	
W19	#5	2	2	2	2	2	2		1'-6"	W+0'-9"	W+2'-3"	
W20	#5	2	2	2	2	2	2		1'-6"	W+0'-5 1/2"	W+1'-11 1/2"	
R1	#4	2	2	2	2	2	2			W+5'-1"	W+5'-1"	
R2	#4	2	2	2	2	2	2			W+4'-9 1/2"	W+4'-9 1/2"	
R3	#4	2	2	2	2	2	2			W+4'-6"	W+4'-6"	
R4	#4	2	2	2	2	2	2			W+4'-2 1/2"	W+4'-2 1/2"	
R5	#4	2	2	2	2	2	2			W+3'-11"	W+3'-11"	
R6	#4	2	2	2	2	2	2			W+3'-7 1/2"	W+3'-7 1/2"	
R7	#4	2	2	2	2	2	2			W+3'-4"	W+3'-4"	
R8	#4	2	2	2	2	2	2			W+3'-0 1/2"	W+3'-0 1/2"	
R9	#4	2	2	2	2	2	2			W+2'-8 1/2"	W+2'-8 1/2"	
R10	#4	2	2	2	2	2	2			W+2'-5"	W+2'-5"	
R11	#4	2	2	2	2	2	2			W+2'-1 1/2"	W+2'-1 1/2"	
R12	#4	2	2	2	2	2	2			W+1'-10"	W+1'-10"	
R13	#4	2	2	2	2	2	2			W+1'-6 1/2"	W+1'-6 1/2"	
R14	#4	2	2	2	2	2	2			W+1'-3"	W+1'-3"	
R15	#4	2	2	2	2	2	2		1'-6"	W+1'-11"	W+3'-5"	
R16	#4	2	2	2	2	2	2		1'-6"	W+1'-7 1/2"	W+3'-1 1/2"	

HEIGHT = 6 FT.												
BAR LISTS FOR WINGS, FOOTING, PARAPET, APRON & AUXILIARY SLAB												
BAR	SIZE	NO. REQUIRED								DIM. X	DIM. Y	LENGTH
		SPAN										
		6'	8'	10'	12'	14'	16'					
R17	#4	2	2	2	2	2	2			1'-6"	W+1'-4"	W+2'-10"
R18	#4	2	2	2	2	2	2			1'-6"	W+1'-0 ½"	W+2'-6 ½"
R19	#4	2	2	2	2	2	2			1'-6"	W+0'-9"	W+2'-3"
R20	#4	2	2	2	2	2	2			1'-6"	W+0'-5 ½"	W+1'-11 ½"
Y1	#4	4	4	4	4	4	4					4'-7"
Y2	#4	4	4	4	4	4	4					7'-9 ½"
Y3	#4	4	4	4	4	4	4					10'-11 ½"
Y4	#4	4	4	4	4	4	4					14'-2"
Y5	#4	4	4	4	4	4	4					17'-4 ½"
Y6	#4	8	8	8	8	8	12					18'-0 ½"
F	#4	4	4	4	4	4	4					18'-10 ½"
N	#4	16	20	24	28	32	36			1'-8"	0'-4"	2'-4"
M	#4	2	2	2	2	2	2					25+2V1+V2+0'-4"
K	#4	15	19	23	27	31	35			0'-6"	T1+6"	2T1+2'-6"
L	#4	4	4	4	4	4	4					25+V2+1'-1"
O	#7	16	16	16	16	16	18			2'-10 ½"	2'-10 ½"	5'-9"
OS	#4	2	2	2	2	2	2					6'-0"+T1
DW	#5	26	26	26	26	26	26			1'-6"	2'-9"	4'-3"
DR	#4	28	28	28	28	28	28			1'-6"	2'-5"	3'-11"

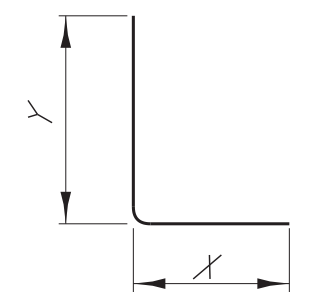
BAR LISTS FOR UPSTREAM BRUSH DEFLECTOR					
BAR	SIZE	NO. REQ'D	DIM. X	DIM. Y	LENGTH
D	*7	5			5'-4"
DS	*4	1			6'-0" + T1
J1	*5	1		W1+5'-1 ½"	W1+5'-1 ½"
J2	*5	1		W1+4'-8"	W1+4'-8"
J3	*5	1		W1+4'-2"	W1+4'-2"
J4	*5	1		W1+3'-8"	W1+3'-8"
J5	*5	1		W1+3'-2 ½"	W1+3'-2 ½"
J6	*5	1		W1+2'-8 ½"	W1+2'-8 ½"
J7	*5	1	1'-0"	W1+2'-11 ½"	W1+3'-11 ½"
J8	*5	1	1'-0"	W1+2'-6"	W1+3'-6"
J9	*5	1	1'-0"	W1+2'-0"	W1+3'-0"
J10	*5	1	1'-0"	W1+1'-6 ½"	W1+2'-6 ½"
J11	*5	1	1'-0"	W1+1'-0 ½"	W1+2'-0 ½"
J12	*5	1	1'-0"	W1+0'-6 ½"	W1+1'-6 ½"
YD1	*5	1			2'-3 ½"
YD2	*5	1			4'-3 ½"
YD3	*5	1			6'-3 ½"
YD4	*5	1			8'-3 ½"
YD5	*5	1			10'-3 ½"
DJ	*5	6	1'-0"	2'-6"	3'-6"
FD	*4	1			11'-11"



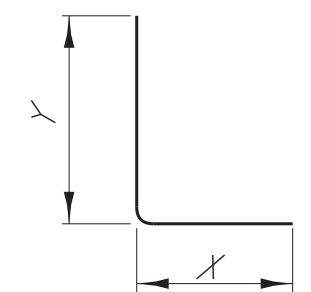
BARS In - #5



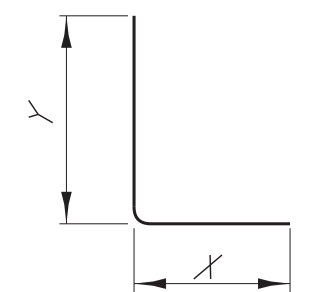
BARS DJ - #5



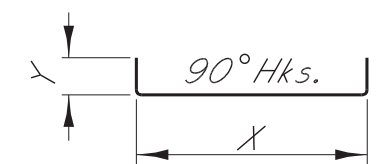
BARS DR - #4



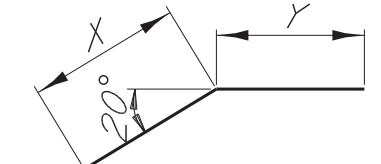
BARS DW - #5



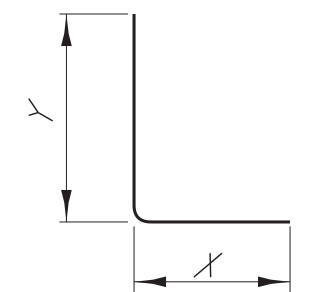
BARS R_n - #4



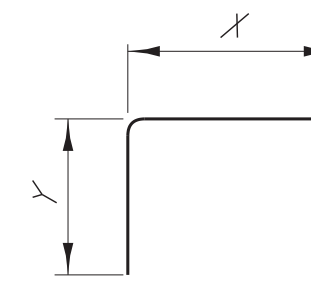
BARS N - #4



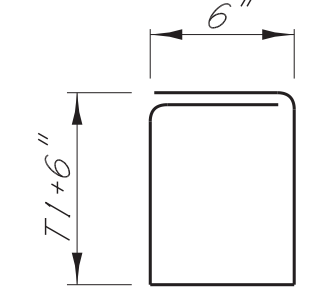
DOWELS Q - #7



BARS W_n - #5



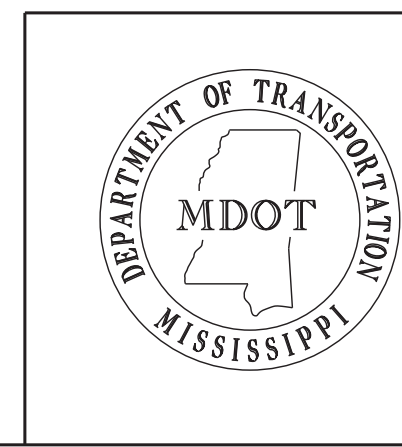
BARS V_n - #4



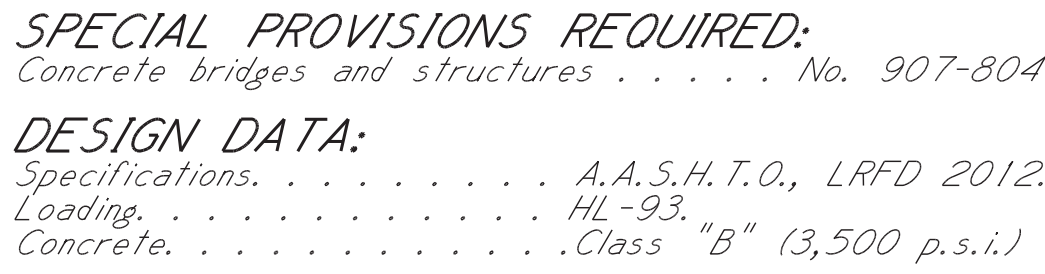
BARS K - #4

BAR BENDING DETAILS

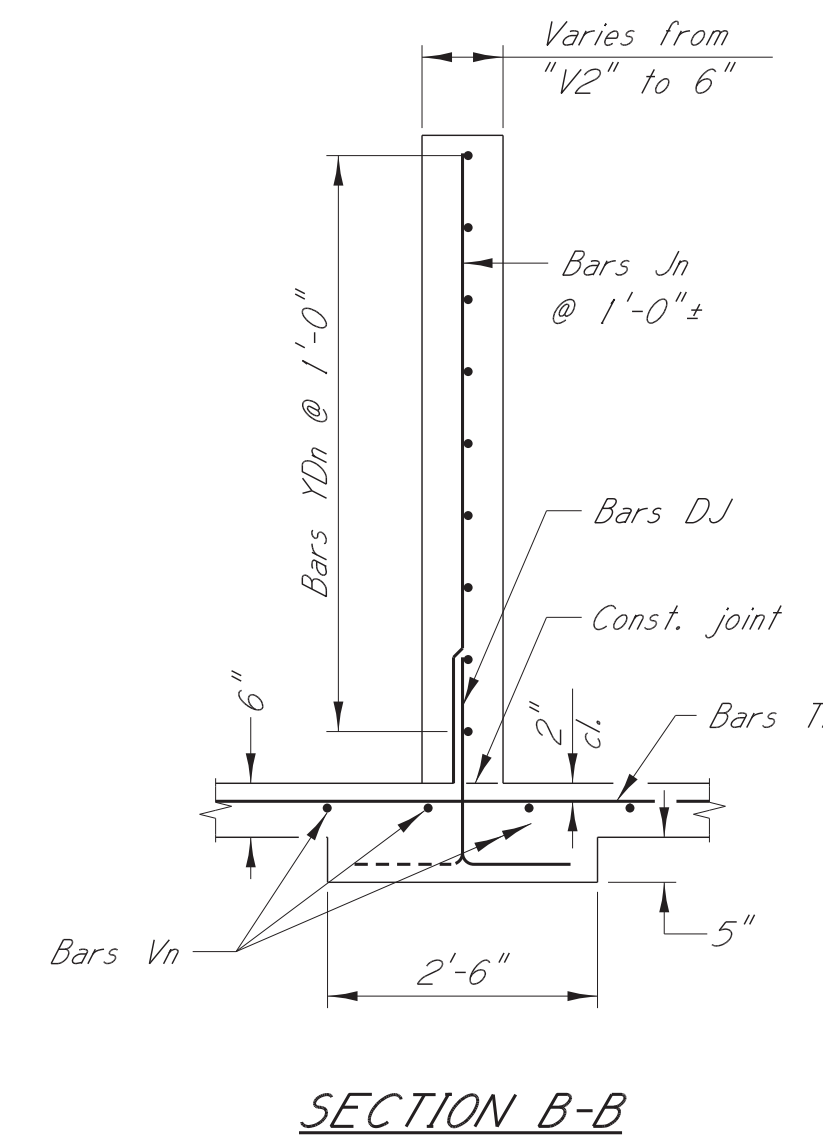
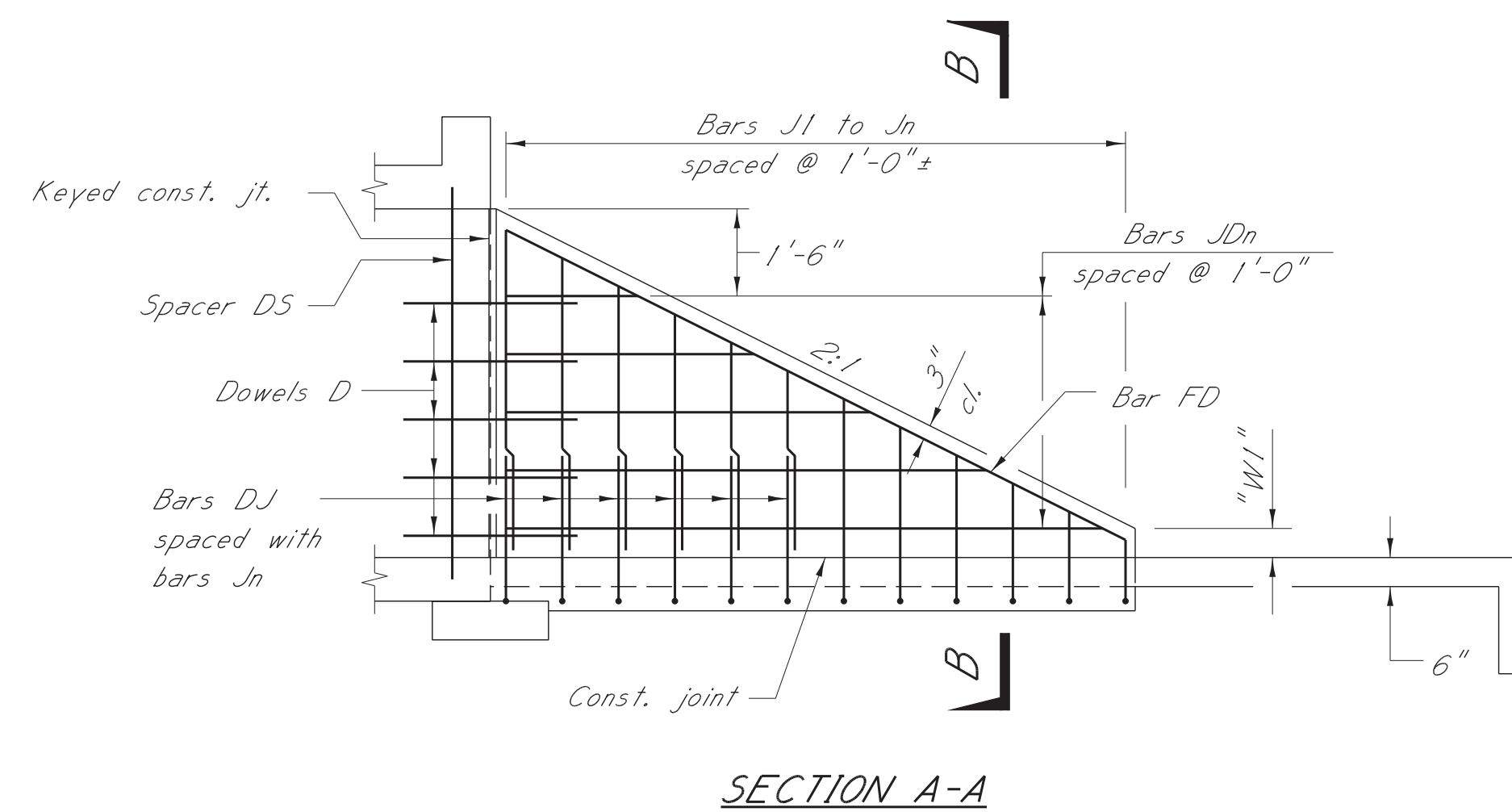
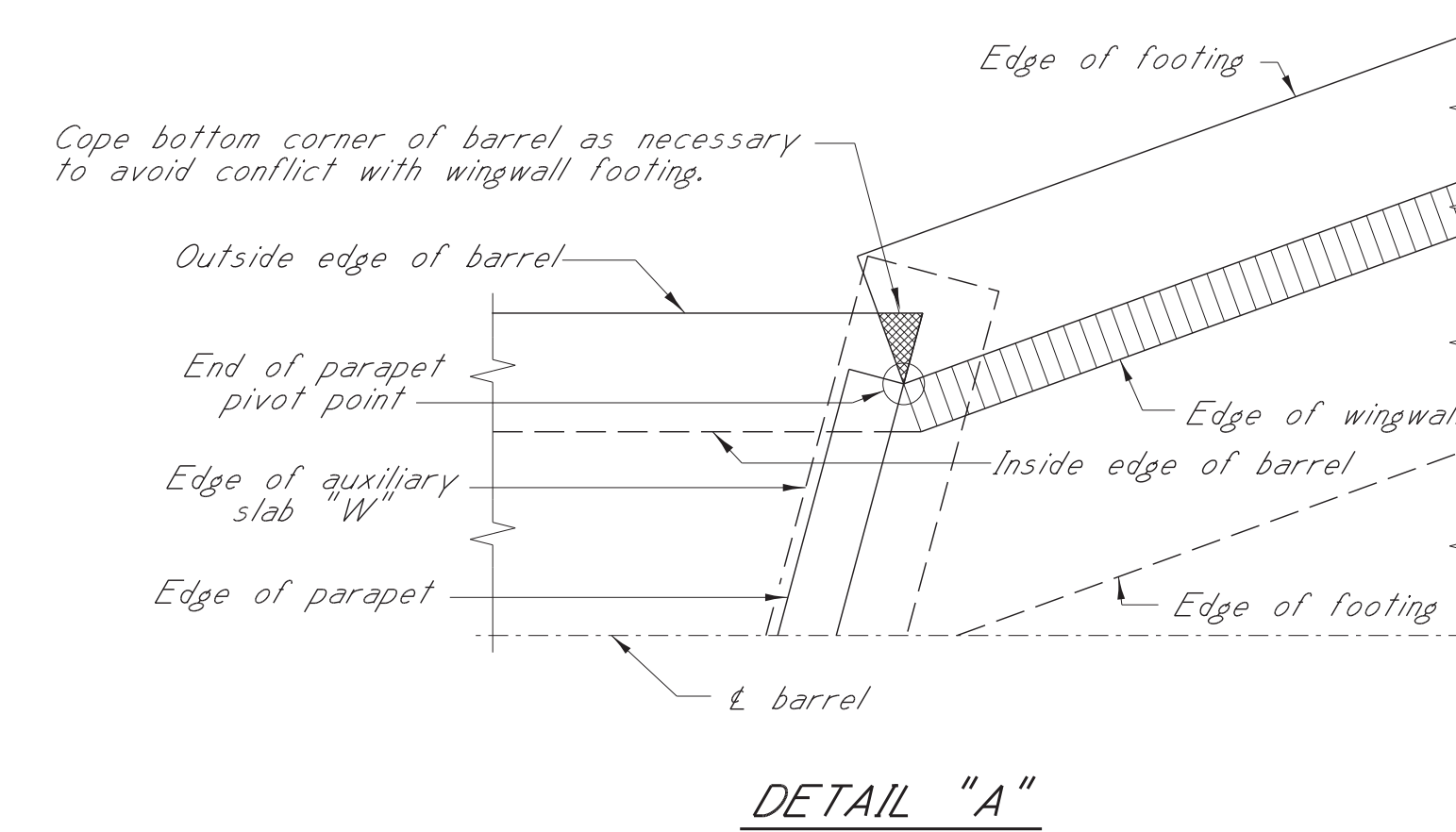
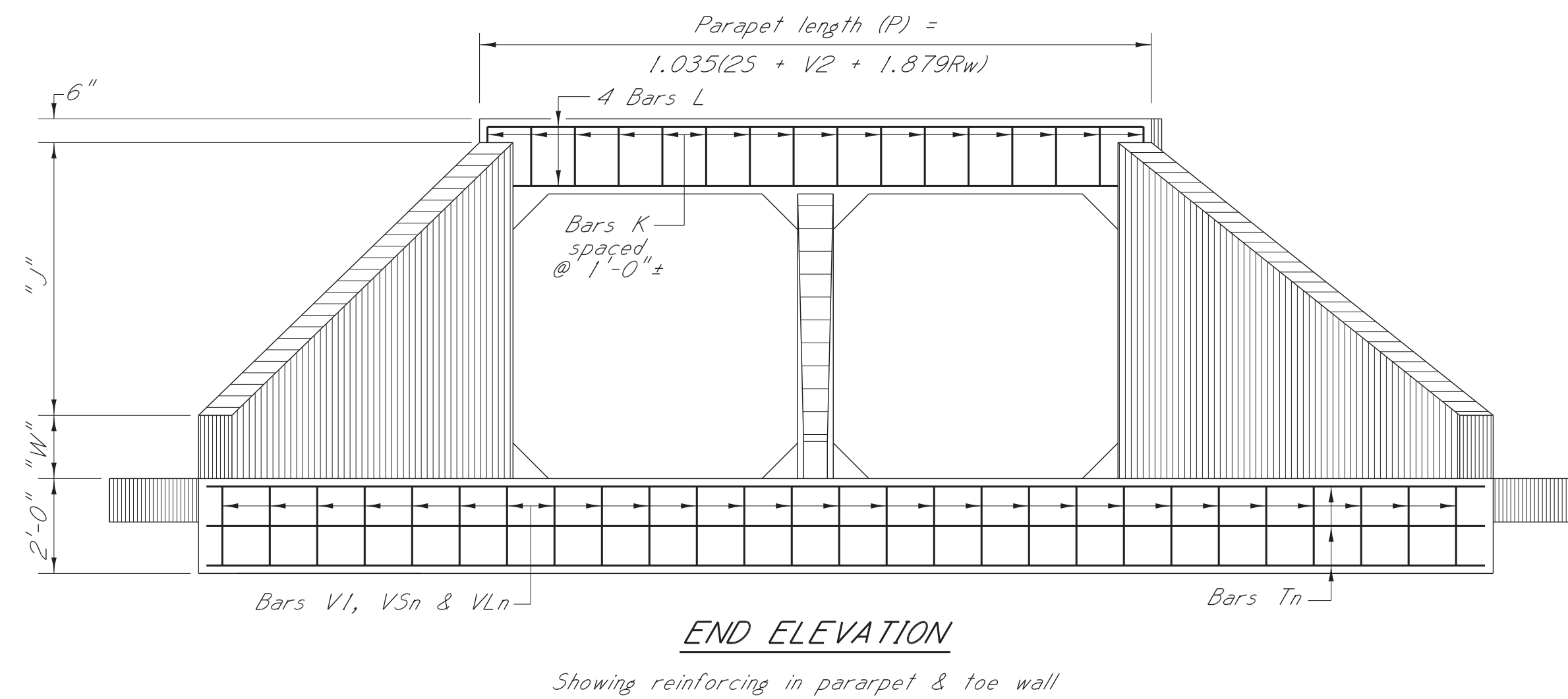
Dimensions are out to out



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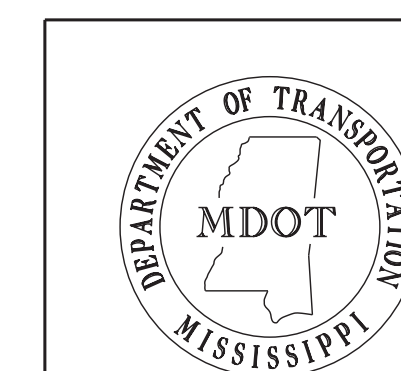


				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
				REVISIONS	WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING DOUBLE CELL 15° SKEW DETAILS		
					HEIGHTS	6-12 FT.	SHT. 1 OF 2
					SPANS	12-40 FT.	WORKING NUMBER IWD-3W-15
				DATE	DESIGNER <u>William K. McBeath, P.E.</u> DETAILER <u>Wesley Phillips, EIT</u>	CHECKER <u>B. Keith Carr, P.E.</u> ISSUE DATE <u>01/01/2015</u>	SHEET NUMBER 7158
					DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - JUSTIN WALKER, PE, DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, PE.		



SPECIAL PROVISIONS REQUIRED:
Concrete bridges and structures No. 907-804

DESIGN DATA:
Specifications. A.A.S.H.T.O., LRFD 2012.
Loading. HL-93.
Concrete. Class "B" (3,500 p.s.i.)



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HEADWALL DIMENSIONS																		
CULVERT HEIGHT "H"	"J"	"LW1"	"LW2"	"R1"	"R2"	"Z"	"Rd"	"Rw"	"Rt"	"Rh"	"W1"	"BDL"	"Y"					
													CLEAR SPAN					
													6'	8'	10'	12'	14'	16'
6'-0"	5'-9"	17'-3 ¹³ / ₁₆ "	21'-0 ¹¹ / ₁₆ "	0'-0 ¹³ / ₁₆ "	0'-5 ³ / ₈ "	17'-3"	0'-11"	0'-9"	3'-0"	2'-0"	0'-6"	11'-0"	27'-5 ⁵ / ₈ " + 1.035V2	31'-7 ⁵ / ₁₆ " + 1.035V2	35'-9" + 1.035V2	39'-10 ³ / ₄ " + 1.035V2	44'-0 ⁷ / ₁₆ " + 1.035V2	48'-2 ¹ / ₈ " + 1.035V2

NOTE: Total headwall quantities include wingwalls,
apron, wingwall footings and parapet.
Total brush deflector quantities include
brushwall and brushwall footing.

AREA OF OPENING	SIZE OF CULVERT	ESTIMATED QUANTITIES															
		Cover	T1	T2	V1	V2	W	TOTAL HEADWALL		BRUSH DEFLECTOR		I AUX. SLAB "W"		I SQUARE COLLAR		CONC.	REINF.
								CONC.	REINF.	CONC.	REINF.	CONC.	REINF.	CONC.	REINF.		
sq. ft.	ft. x ft. "S" x "H"							cu. yd.	STEEL lbs.	cu. yd.	STEEL lbs.	cu. yd.	STEEL lbs.	cu. yd.	STEEL lbs.		
72	6x6	5'-0"	9"	9"	9"	9"	1'-4"	17.3161	2137.985	1.2326	171.502	0.7879	47.372	1.9375	740.689		
		10'-0"	9"	9"	9"	9"	1'-4"	17.3161	2137.985	1.2326	171.502	0.7879	47.372	1.9375	740.689		
		15'-0"	9"	9"	9"	9"	1'-4"	17.3161	2137.985	1.2326	171.502	0.7879	47.372	1.9375	740.689		
		20'-0"	9"	10 ¹ / ₂ "	9"	9"	1'-4"	17.3907	2137.985	1.2326	171.502	0.7879	47.372	1.9479	743.850		
		25'-0"	10 ¹ / ₂ "	1'-0"	9"	9"	1'-5 ¹ / ₂ "	17.5995	2149.379	1.2326	171.585	0.7879	47.372	1.9688	750.173		
		30'-0"	11 ¹ / ₂ "	1'-1"	9"	9"	1'-6 ¹ / ₂ "	17.7385	2156.974	1.2326	171.641	0.7879	47.372	1.9826	754.388		
96	8x6	5'-0"	9"	9 ¹ / ₂ "	9"	9"	1'-4"	18.9301	2266.185	1.2326	171.502	0.9924	59.118	2.2743	872.715		
		10'-0"	9"	11"	9"	9"	1'-4"	19.0239	2266.185	1.2326	171.502	0.9924	59.118	2.2847	876.398		
		15'-0"	11"	1'-1"	9"	9"	1'-6"	19.3278	2282.269	1.2326	171.613	0.9924	59.118	2.3125	886.219		
		20'-0"	1'-0"	1'-2"	9"	9"	1'-7"	19.4797	2290.309	1.2326	171.669	0.9924	59.118	2.3264	891.129		
		25'-0"	1'-2"	1'-4"	9"	9"	1'-9"	19.7835	2306.393	1.2326	171.780	0.9924	59.118	2.3542	900.950		
		30'-0"	1'-4"	1'-5 ¹ / ₂ "	9"	9"	1'-11"	20.0561	2322.474	1.2326	171.891	0.9924	59.118	2.3785	909.543		
120	10x6	5'-0"	9"	10"	9"	9"	1'-4"	20.5569	2394.608	1.2326	171.502	1.1969	70.919	2.6111	1005.089		
		10'-0"	10"	1'-0 ¹ / ₂ "	9"	9"	1'-5"	20.8346	2403.094	1.2326	171.557	1.1969	70.919	2.6354	1014.899		
		15'-0"	1'-1"	1'-3 ¹ / ₂ "	9"	9"	1'-8"	21.3287	2428.554	1.2326	171.724	1.1969	70.919	2.6771	1031.716		
		20'-0"	1'-4"	1'-6"	9"	9"	1'-11"	21.7851	2454.014	1.2326	171.891	1.1969	70.919	2.7153	1047.132		
		25'-0"	11 ¹ / ₂ "	1'-0 ¹ / ₂ "	9"	9"	1'-6 ¹ / ₂ "	20.9687	2415.824	1.2326	171.641	1.1969	70.919	2.6458	1019.103		
		30'-0"	1'-0"	1'-1 ¹ / ₂ "	9"	9"	1'-7"	21.0887	2420.068	1.2326	171.669	1.1969	70.919	2.6563	1023.308		
144	12x6	5'-0"	10 ¹ / ₂ "	11 ¹ / ₂ "	9"	9"	1'-5 ¹ / ₂ "	22.4186	2536.234	1.2326	171.585	1.4014	84.224	2.9653	1145.687		
		10'-0"	1'-0"	1'-1 ¹ / ₂ "	9"	9"	1'-7"	22.7289	2549.632	1.2326	171.669	1.4014	84.224	2.9896	1156.714		
		15'-0"	1'-2 ¹ / ₂ "	1'-5 ¹ / ₂ "	9"	9"	1'-9 ¹ / ₂ "	23.3047	2571.961	1.2326	171.808	1.4014	84.224	3.0347	1177.192		
		20'-0"	1'-0 ¹ / ₂ "	1'-1"	9"	9"	1'-7 ¹ / ₂ "	22.7296	2554.100	1.2326	171.697	1.4014	84.224	2.9896	1156.714		
		25'-0"	1'-1"	1'-2"	9"	9"	1'-8"	22.8624	2558.563	1.2326	171.724	1.4014	84.224	3.0000	1161.439		
		30'-0"	1'-2 ¹ / ₂ "	1'-3 ¹ / ₂ "	9"	9"	1'-9"	23.0840	2567.498	1.2326	171.780	1.4014	84.224	3.0174	1169.316		
168	14x6	5'-0"	11 ¹ / ₂ "	1'-0 ¹ / ₂ "	9"	9"	1'-6 ¹ / ₂ "	24.2236	2674.478	1.2326	171.641	1.6059	95.969	3.3125	1284.873		
		10'-0"	1'-1 ¹ / ₂ "	1'-3"	9 ¹ / ₂ "	9"	1'-8 ¹ / ₂ "	24.6559	2693.235	1.2326	171.752	1.6102	96.136	3.3507	1302.113		
		15'-0"	1'-0"	1'-1"	10 ¹ / ₂ "	9"	1'-7"	24.3207	2679.169	1.2326	171.669	1.6187	96.359	3.3403	1292.868		
		20'-0"	1'-3"	1'-3"	9"	9"	1'-10"	24.7887	2707.301	1.2326	171.836	1.6059	95.969	3.3542	1305.862		
		25'-0"	1'-3"	1'-4 ¹ / ₂ "	10"	9"	1'-10"	24.9437	2707.301	1.2326	171.836	1.6144	96.248	3.3785	1314.107		
		30'-0"	1'-4"	1'-6"	10"	9"	1'-11"	25.1854	2716.676	1.2326	171.891	1.6144	96.248	3.3958	1322.852		
192	16x6	5'-0"	1'-1"	1'-1 ¹ / ₂ "	10"	9"	1'-8"	26.1005	2893.655	1.2326	171.724	1.8189	107.993	3.6771	1430.370		
		10'-0"	1'-3 ¹ / ₂ "	1'-4 ¹ / ₂ "	10 ¹ / ₂ "	9"	1'-10 ¹ / ₂ "	26.6689	2918.215	1.2326	171.864	1.8232	108.105	3.7222	1453.021		
		15'-0"	1'-2"	1'-3"	9"	9"	1'-9"	26.3587	2903.481	1.2326	171.780	1.8104	107.771	3.6806	1436.986		
		20'-0"	1'-4 ¹ / ₂ "	1'-4 ¹ / ₂ "	9"	9"	1'-11 ¹ / ₂ "	26.7527	2928.036	1.2326	171.919	1.8104	107.771	3.7083	1452.370		
		25'-0"	1'-5 ¹ / ₂ "	1'-6 ¹ / ₂ "	9"	9"	2'-0 ¹ / ₂ "	27.0694	2937.857	1.2326	171.975	1.8104	107.771	3.7292	1463.907		
		30'-0"	1'-7 ¹ / ₂ "	1'-8 ¹ / ₂ "	9"	9"	2'-2 ¹ / ₂ "	27.4754	2957.504	1.2326	172.086	1.8104	107.771	3.7569	1479.290		

GENERAL NOTES:
Specifications: Mississippi Standard Specifications
For Road And Bridge Construction, 2004.
All concrete shall be Class "B".
Concrete surfaces shall be finished in accordance
with Sub-Section 804.03.19.6.2
Expansion joint material shall be bituminous fiber
type unless otherwise noted.
All exposed corners shall be chamfered ³/₄".
Reinforcing steel shall be placed 2" clear minimum
from the surface of the concrete unless otherwise
noted, and all reinforcing shall be adequately
supported from the forms.
All bars shall be accurately spaced and securely
wired at each intersection before placing concrete.
Bar bending details shall be in accordance with "Manual of
Standard Practice for Detailing Reinforced Concrete
Structures" (ACI 315R-94).
Reinforcement order lists and required placing plans shall
be furnished in accordance with Section 805 of the
Mississippi Standard Specifications. Partial submittals
are not acceptable.
Reinforcing steel shall be ASTM A615, Grade 60, unless
otherwise noted.
Horizontal construction joints shall be placed
only at the locations shown, and the concrete shall
be allowed to set a minimum period of two hours
before continuing the pour.
Auxiliary slabs "W" and vertical construction
joints at the wings shall be placed in all culverts
regardless of length.
The quantities shown will be used as a basis for final
payment unless this drawing is modified.



					BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION									
						WINGS WITH 3:1 SLOPE FOR									
						BASIC CULVERT DRAWING									
						DOUBLE CELL									
						15° SKEW DETAILS									
						HEIGHT 6 FT.									
						SPANS 12-32 FT.									
						SHT. 1 OF 3									
						WORKING NUMBER									
						IWD-6-3W-15									
						SHEET NUMBER									
						7160									

DESIGNER William K. McBeath, P.E.
ISSUE DATE 01/01/2015
CHECKER B. Keith Carr, P.E.
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - JUSTIN WALKER PE
DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - SCOTT WESTERFIELD PE.

HEIGHT = 6 FT.														
BAR LISTS FOR WINGS, FOOTING, PARAPET, APRON & AUXILIARY SLAB														
BAR	SIZE	NO. REQUIRED								DIM. X	DIM. Y	LENGTH		
		SPAN												
		6'	8'	10'	12'	14'	16'							
T1	#4	1	1	1	1	1	1					1.035(25+V2)+5'-8"		
T2	#4	1	1	1	1	1	1					1.035(25+V2)+6'-5 1/2"		
T3	#4	1	1	1	1	1	1					1.035(25+V2)+7'-2 1/2"		
T4	#4	1	1	1	1	1	1					1.035(25+V2)+8'-0"		
T5	#4	1	1	1	1	1	1					1.035(25+V2)+8'-9 1/2"		
T6	#4	1	1	1	1	1	1					1.035(25+V2)+9'-7"		
T7	#4	1	1	1	1	1	1					1.035(25+V2)+10'-4 1/2"		
T8	#4	1	1	1	1	1	1					1.035(25+V2)+11'-2"		
T9	#4	1	1	1	1	1	1					1.035(25+V2)+11'-11"		
T10	#4	1	1	1	1	1	1					1.035(25+V2)+12'-8 1/2"		
T11	#4	1	1	1	1	1	1					1.035(25+V2)+13'-6"		
T12	#4	1	1	1	1	1	1					1.035(25+V2)+14'-3 1/2"		
T13	#4	1	1	1	1	1	1					1.035(25+V2)+15'-1"		
T14	#4	1	1	1	1	1	1					1.035(25+V2)+15'-10"		
T15	#4	1	1	1	1	1	1					1.035(25+V2)+16'-7 1/2"		
T16	#4	1	1	1	1	1	1					1.035(25+V2)+17'-5"		
T17	#4	1	1	1	1	1	1					1.035(25+V2)+18'-2 1/2"		
T18	#4	3	3	3	3	3	3					1.035(25+V2)+14'-6 1/2"		
V1	#4	18	22	26	30	34	38		17'-6"	1'-8"		19'-2"		
VL1	#4	1	1	1	1	1	1		17'-0 1/2"	1'-8"		18'-8 1/2"		
VL2	#4	1	1	1	1	1	1		14'-7"	1'-8"		16'-3"		
VL3	#4	1	1	1	1	1	1		12'-1"	1'-8"		13'-9"		
VL4	#4	1	1	1	1	1	1		9'-7 1/2"	1'-8"		11'-3 1/2"		
VL5	#4	1	1	1	1	1	1		7'-1 1/2"	1'-8"		8'-9 1/2"		
VL6	#4	1	1	1	1	1	1		4'-6"			4'-6"		
VL7	#4	1	1	1	1	1	1		1'-4 1/2"			1'-4 1/2"		
VS1	#4	1	1	1	1	1	1		15'-9"	1'-8"		17'-5"		
VS2	#4	1	1	1	1	1	1		12'-9"	1'-8"		14'-5"		
VS3	#4	1	1	1	1	1	1		9'-8 1/2"	1'-8"		11'-4 1/2"		
VS4	#4	1	1	1	1	1	1		6'-8 1/2"	1'-8"		8'-4 1/2"		
VS5	#4	1	1	1	1	1	1		3'-7 1/2"			3'-7 1/2"		
FTL1	#5	1	1	1	1	1	1					2'-1 1/2"		
FTL2	#5	19	19	19	19	19	19					5'-5"		
FTL3	#5	1	1	1	1	1	1					4'-7"		
FTL4	#5	1	1	1	1	1	1					3'-2 1/2"		
FTL5	#5	1	1	1	1	1	1					2'-5"		
FLL	#4	7	7	7	7	7	7					20'-8"		
FTS1	#5	17	17	17	17	17	17					5'-5"		
FTS2	#5	1	1	1	1	1	1					1'-10"		
FL5	#4	7	7	7	7	7	7					17'-0"		
WS1	#5	1	1	1	1	1	1			W+5'-1"		W+5'-1"		
WS2	#5	1	1	1	1	1	1			W+4'-9"		W+4'-9"		
WS3	#5	1	1	1	1	1	1			W+4'-5"		W+4'-5"		
WS4	#5	1	1	1	1	1	1			W+4'-1"		W+4'-1"		
WS5	#5	1	1	1	1	1	1			W+3'-9 1/2"		W+3'-9 1/2"		
WS6	#5	1	1	1	1	1	1			W+3'-5 1/2"		W+3'-5 1/2"		
WS7	#5	1	1	1	1	1	1			W+3'-1 1/2"		W+3'-1 1/2"		
WS8	#5	1	1	1	1	1	1			W+2'-9 1/2"		W+2'-9 1/2"		
WS9	#5	1	1	1	1	1	1			W+2'-5 1/2"		W+2'-5 1/2"		
WS10	#5	1	1	1	1	1	1			W+2'-1 1/2"		W+2'-1 1/2"		
WS11	#5	1	1	1	1	1	1			W+1'-9 1/2"		W+1'-9 1/2"		
WS12	#5	1	1	1	1	1	1			W+1'-5 1/2"		W+1'-5 1/2"		
WS13	#5	1	1	1	1	1	1		1'-6"	W+2'-1 1/2"		W+3'-7 1/2"		
WS14	#5	1	1	1	1	1	1		1'-6"	W+1'-9 1/2"		W+3'-3 1/2"		
WS15	#5	1	1	1	1	1	1		1'-6"	W+1'-5 1/2"		W+2'-11 1/2"		
WS16	#5	1	1	1	1	1	1		1'-6"	W+1'-1 1/2"		W+2'-7 1/2"		
WS17	#5	1	1	1	1	1	1		1'-6"	W+0'-9 1/2"		W+2'-3 1/2"		
WS18	#5	1	1	1	1	1	1		1'-6"	W+0'-5 1/2"		W+1'-11 1/2"		
DWS	#5	12	12	12	12	12	12		1'-6"	2'-9"		4'-3"		
WL1	#5	1	1	1	1	1	1			W+5'-1 1/2"		W+5'-1 1/2"		
WL2	#5	1	1	1	1	1	1			W+4'-10"		W+4'-10"		
WL3	#5	1	1	1	1	1	1			W+4'-7"		W+4'-7"		
WL4	#5	1	1	1	1	1	1			W+4'-3 1/2"		W+4'-3 1/2"		
WL5	#5	1	1	1	1	1	1			W+4'-0 1/2"		W+4'-0 1/2"		

HEIGHT = 6 FT.														
BAR LISTS FOR WINGS, FOOTING, PARAPET, APRON & AUXILIARY SLAB														
BAR	SIZE	NO. REQUIRED								DIM. X	DIM. Y	LENGTH		
		SPAN												
		6'	8'	10'	12'	14'	16'							
WL6	#5	1	1	1	1	1	1				W+3'-9"	W+3'-9"		
WL7	#5	1	1	1	1	1	1				W+3'-6"	W+3'-6"		
WL8	#5	1	1	1	1	1	1				W+3'-2 ½"	W+3'-2 ½"		
WL9	#5	1	1	1	1	1	1				W+2'-11 ½"	W+2'-11 ½"		
WL10	#5	1	1	1	1	1	1				W+2'-8"	W+2'-8"		
WL11	#5	1	1	1	1	1	1				W+2'-5"	W+2'-5"		
WL12	#5	1	1	1	1	1	1				W+2'-2"	W+2'-2"		
WL13	#5	1	1	1	1	1	1				W+1'-10 ½"	W+1'-10 ½"		
WL14	#5	1	1	1	1	1	1				W+1'-7 ½"	W+1'-7 ½"		
WL15	#5	1	1	1	1	1	1		1'-6"		W+2'-4"	W+3'-10"		
WL16	#5	1	1	1	1	1	1		1'-6"		W+2'-0 ½"	W+3'-6 ½"		
WL17	#5	1	1	1	1	1	1		1'-6"		W+1'-9 ½"	W+3'-3 ½"		
WL18	#5	1	1	1	1	1	1		1'-6"		W+1'-6"	W+3'-0"		
WL19	#5	1	1	1	1	1	1		1'-6"		W+1'-3"	W+2'-9"		
WL20	#5	1	1	1	1	1	1		1'-6"		W+1'-0"	W+2'-6"		
WL21	#5	1	1	1	1	1	1		1'-6"		W+0'-8 ½"	W+2'-2 ½"		
WL22	#5	1	1	1	1	1	1		1'-6"		W+0'-5 ½"	W+1'-11 ½"		
DWL	#5	14	14	14	14	14	14		1'-6"		2'-9"	4'-3"		
RS1	#4	1	1	1	1	1	1				W+5'-1"	W+5'-1"		
RS2	#4	1	1	1	1	1	1				W+4'-9"	W+4'-9"		
RS3	#4	1	1	1	1	1	1				W+4'-5"	W+4'-5"		
RS4	#4	1	1	1	1	1	1				W+4'-1"	W+4'-1"		
RS5	#4	1	1	1	1	1	1				W+3'-9 ½"	W+3'-9 ½"		
RS6	#4	1	1	1	1	1	1				W+3'-5 ½"	W+3'-5 ½"		
RS7	#4	1	1	1	1	1	1				W+3'-1 ½"	W+3'-1 ½"		
RS8	#4	1	1	1	1	1	1				W+2'-9 ½"	W+2'-9 ½"		
RS9	#4	1	1	1	1	1	1				W+2'-5 ½"	W+2'-5 ½"		
RS10	#4	1	1	1	1	1	1				W+2'-1 ½"	W+2'-1 ½"		
RS11	#4	1	1	1	1	1	1				W+1'-9 ½"	W+1'-9 ½"		
RS12	#4	1	1	1	1	1	1				W+1'-5 ½"	W+1'-5 ½"		
RS13	#4	1	1	1	1	1	1				W+1'-1 ½"	W+1'-1 ½"		
RS14	#4	1	1	1	1	1	1		1'-6"		W+1'-9 ½"	W+3'-3 ½"		
RS15	#4	1	1	1	1	1	1		1'-6"		W+1'-5 ½"	W+2'-11 ½"		
RS16	#4	1	1	1	1	1	1		1'-6"		W+1'-1 ½"	W+2'-7 ½"		
RS17	#4	1	1	1	1	1	1		1'-6"		W+0'-9 ½"	W+2'-3 ½"		
RS18	#4	1	1	1	1	1	1		1'-6"		W+0'-5 ½"	W+1'-11 ½"		
DPS	#4	13	13	13	13	13	13		1'-6"		2'-5"	3'-11"		
RL1	#4	1	1	1	1	1	1				W+5'-1 ½"	W+5'-1 ½"		
RL2	#4	1	1	1	1	1	1				W+4'-10"	W+4'-10"		
RL3	#4	1	1	1	1	1	1				W+4'-7"	W+4'-7"		
RL4	#4	1	1	1	1	1	1				W+4'-3 ½"	W+4'-3 ½"		
RL5	#4	1	1	1	1	1	1				W+4'-0 ½"	W+4'-0 ½"		
RL6	#4	1	1	1	1	1	1				W+3'-9"	W+3'-9"		
RL7	#4	1	1	1	1	1	1				W+3'-6"	W+3'-6"		
RL8	#4	1	1	1	1	1	1				W+3'-2 ½"	W+3'-2 ½"		
RL9	#4	1	1	1	1	1	1				W+2'-11 ½"	W+2'-11 ½"		
RL10	#4	1	1	1	1	1	1				W+2'-8"	W+2'-8"		
RL11	#4	1	1	1	1	1	1				W+2'-5"	W+2'-5"		
RL12	#4	1	1	1	1	1	1				W+2'-2"	W+2'-2"		
RL13	#4	1	1	1	1	1	1				W+1'-10 ½"	W+1'-10 ½"		
RL14	#4	1	1	1	1	1	1				W+1'-7 ½"	W+1'-7 ½"		
RL15	#4	1	1	1	1	1	1				W+1'-4"	W+1'-4"		
RL16	#4	1	1	1	1	1	1		1'-6"		W+2'-0 ½"	W+3'-6 ½"		
RL17	#4	1	1	1	1	1	1		1'-6"		W+1'-9 ½"	W+3'-3 ½"		
RL18	#4	1	1	1	1	1	1		1'-6"		W+1'-6"	W+3'-0"		
RL19	#4	1	1	1	1	1	1		1'-6"		W+1'-3"	W+2'-9"		
RL20	#4	1	1	1	1	1	1		1'-6"		W+1'-0"	W+2'-6"		
RL21	#4	1	1	1	1	1	1		1'-6"		W+0'-8 ½"	W+2'-2 ½"		
RL22	#4	1	1	1	1	1	1		1'-6"		W+0'-5 ½"	W+1'-11 ½"		
DRL	#4	15	5	15	15	15	15		1'-6"		2'-5"	3'-11"		
YS1	#4	2	2	2	2	2	2					4'-3 ½"		
YS2	#4	2	2	2	2	2	2					7'-4"		
YS3	#4	2	2	2	2	2	2					10'-4"		



Engineering Progress

SPECIFICATIONS AND CONTRACT DOCUMENTS

FOR

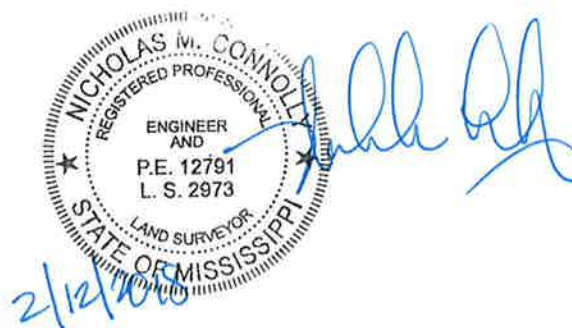
SOUTH 28TH AVENUE BRIDGE REPLACEMENT

BRIDGE #SA18-157

FOR THE

CITY OF HATTIESBURG

FEBRUARY, 2018



PREPARED BY:

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

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ADVERTISEMENT FOR BIDS

NOTICE is hereby given that the City Clerk of the City of Hattiesburg, MISSISSIPPI, will receive sealed bids until 10:00 A.M. on May 31, 2018 in the City Clerk's Office in the City Hall of said City and then at said location opened and read aloud for furnishing the City's requirements for the following:

BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: May 31, 2018
SOUTH 28TH AVENUE
BRIDGE REPLACEMENT
BRIDGE #SA18-157
CITY of HATTIESBURG

Official bid documents can be downloaded from Central Bidding at www.centralbidding.com. Electronic bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814. All bids must be accompanied by bid security equal to 5% of the amount of the bid, in the form of a certified check, cashier's check or a bid bond written by a company properly licensed in Mississippi.

Each BID must be received sealed and marked EXACTLY as follows:

BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: May 31, 2018
SOUTH 28TH AVENUE
BRIDGE REPLACEMENT
BRIDGE #SA18-157
HATTIESBURG, MISSISSIPPI

No bid may be withdrawn for a period of sixty (60) days. The lowest and best proposal received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated and Amended, and other applicable State law; but the Council reserves the right to reject any or all proposals received and to waive informalities.

PUBLISHED by Order of the Council on the 16th day of April, 2018

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
Kermas Eaton, City Clerk

Publish on April 26, 2018 and May 3, 2018
City of Hattiesburg
Return PROOF to SDW, Inc.
301 Second Avenue
Hattiesburg, MS 39401



INSTRUCTIONS TO BIDDERS

- 1.0 Bids will be received by CITY of HATTIESBURG, MS herein called the "OWNER," at City Clerk's office at the City Hall until 10:00 a.m. on May 31, 2018, and then at said office publicly opened and read aloud.
- 2.0 Each sealed envelope containing a bid in excess of fifty thousand dollars (\$50,000) must be plainly marked on the outside as: "BID for SOUTH 28TH AVENUE BRIDGE REPLACEMENT, BRIDGE #SA18-157, HATTIESBURG, MISSISSIPPI"
- 2.1 **Sealed Bids Hand Delivered**
The outside of the sealed bid envelope must bear the name of the bidder, bidder's complete address, "Certificate of Responsibility Number," and the name of the project for which the bid is submitted.
- 2.2 **Sealed Bids Mailed**
The outside of the sealed bid envelope must bear the name of the bidder, bidder's complete address, "Certificate of Responsibility Number," and the name of the project for which the bid is submitted.
- The sealed bid envelope (containing the bid) must then be enclosed in a carrier envelope addressed to the OWNER.
- 2.3 No bid will be opened, considered, or accepted unless the above stated information is given as specified.
- 3.0 When required by the OWNER, sufficient evidence must be submitted that said "Certificate of Responsibility" has been issued and is in effect at the time of receiving bids.
- 4.0 All bids must be made on the required bid form (enclosed). All spaces, including blank spaces, for bid prices must be completed in ink or typewritten and the bid form must be fully completed and executed when submitted. Only one copy of the bid form is required.
- 5.0 The contract will be awarded on the basis of the low base bid or low combination of base bid and those alternatives which produce a total within available funds. The OWNER reserves the right to waive irregularities and to reject any or all bids. The OWNER reserves the right to award to a bidder other than the low bidder when, in the OWNER'S judgment, it is in his best interest to do so. Three such reasons may be, but are not limited to: (1) bidder being in arrears on existing contracts; (2) bidder being in litigation with the OWNER; (3) bidder having defaulted on a previous contract. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. No bidder may withdraw a bid within 60 days after the actual date of the opening thereof. Should there be reasons why the contract cannot be awarded within the specified period; the time may be extended by mutual agreement between the OWNER and the bidder.
- 6.0 Bidders must satisfy themselves of the accuracy of the estimated quantities in the bid schedule by examination of the site and a review of the contract documents, including "ADDENDA." After bids have been submitted, the bidder shall not assert that there was a misunderstanding concerning the quantities of work or of the nature of the work to be done.

- 7.0 If any person contemplating the submission of a bid for the proposed contract is in doubt as to the true meaning of any part of the plans, specifications, or other proposed contract documents, submit a written request for an interpretation thereof to:

Shows, Dearman & Waits, Inc.
Consulting Engineers
301 2nd Ave
Hattiesburg MS 39401

- 7.1 The written request for clarification must be received at least ten (10) days prior to the date fixed for opening of bids.
- 7.2 Any interpretation of the contract documents will be made by the "ADDENDA" duly issued to each person receiving a set of such documents not later than forty-eight (48) hours prior to the time of opening of bids, excluding weekends and legal holidays.
- 7.3 The OWNER will not be responsible for explanations or interpretations of proposed documents, except as issued in accordance herewith.
- 8.0 The OWNER shall provide to bidders prior to bidding all information that is pertinent to, delineates, and describes the land owned as well as rights-of-way acquired or to be acquired.
- 9.0 The "Contract Documents" contain the provisions required for the construction of the project. Information obtained from an officer, agent, or employee of the OWNER or any other person shall not affect the risks or obligations assumed by the contractor or relieve contractor from fulfilling any of the conditions of the "Contract Agreement."
- 10.0 Each bid must be accompanied by a "Bid Bond" payable to the OWNER for five percent (5%) of the total amount of the bid. As soon as the bid prices have been compared, the OWNER will return all the said bonds except the bonds from the three (3) lowest responsive, responsible bidders. When the "Contract Agreement" is executed, the said bonds of the two remaining unsuccessful bidders will be returned. The "Bid Bond" of the successful bidder will be retained until the "Payment Bond," "Performance Bond," and "Certificates of Insurance" have been executed and approved, after which the "Bid Bond" will be returned to the successful bidder. A certified check may be used in lieu of a "Bid Bond."
- 11.0 A "Payment Bond," and "Performance Bond," each in the amount of one hundred percent (100%) of the contract price along with an owner-approved corporate surety that is listed on the US Treasury Department's most current list (Circular 570, as amended) will be required for the faithful performance of the contract.
- 12.0 Attorneys-in-fact who sign the "Bid Bond," "Payment Bond," and "Performance Bond" must file with each said bond a certified and effective-dated copy of their "Power of Attorney."
- 13.0 The party to whom the contract is awarded will be required to execute the "Contract

Agreement" and obtain and submit the "Performance Bond," "Payment Bond," and "Certificate of Insurance" within ten (10) calendar days from the date when "Notice of Award" is delivered to the bidder. The "Notice of Award" shall be accompanied by the required "Contract Agreement" and said bond forms. In case of failure of the bidder to execute and submit the "Contract Agreement," "Performance Bond," "Payment Bond," and "Certificate of Insurance," the OWNER may - at his option - determine the bidder in default, in which case the "Bid Bond" accompanying the proposal shall become the property of the OWNER.

- 14.0 The OWNER within ten (10) calendar days of receipt of acceptable "Performance Bond," "Payment Bond," Certificate of Insurance," and "Contract Agreement" signed by the party to whom the "Contract Agreement" was awarded, shall sign the "Contract Agreement" and return to such party an executed duplicate of the "Contract Agreement" and issue a "Notice to Proceed." Should the OWNER not execute the "Contract Agreement" within such stated period, the bidder may by written notice withdraw his signed "Contract Agreement" without further liability on the part of either party. Such notice of withdrawal shall be effective upon receipt of the notice by the OWNER. Should there be reason(s) the "Notice to Proceed" cannot be issued within such stated period, the time may be extended by mutual agreement between the OWNER and contractor. If the "Notice to Proceed" has not been issued within the ten (10) calendar day period or within the period mutually agreed upon between OWNER and contractor, the contractor may terminate the "Contract Agreement" without further liability on the part of either party.
- 15.0 The OWNER may make such investigations as he deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the OWNER all such information and data for this purpose as the OWNER may request. The OWNER reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the OWNER that such bidder is properly qualified to carry out the obligations of the "Contract Agreement" and to complete the work contemplated therein.
- 16.0 A conditional (to qualify) bid will not be accepted.
- 17.0 Award will be made to the lowest responsible, responsive bidder. (See herein paragraph 5.0.)
- 18.0 All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the stated project shall apply to the "Contract Agreement" throughout.
- 19.0 The failure or omission of any bidder to do any of the foregoing shall in no way relieve any bidder from any obligation in respect to his bid.
- 20.0 Further, the bidder agrees to abide by the requirements under Executive Order No. 11246, as amended, including specifically the provisions of the equal opportunity clause set forth in the supplemental "General Conditions."
- 21.0 Non-Resident Contractor
When a non-resident contractor submits a bid for a Mississippi public project, he shall attach thereto a copy of his resident state's current law pertaining to such state's treatment of non-resident contractors as required by House Bill Number 850, Chapter Number 527,

Laws of 200588.

22.0 Telegraphic Modifications

Any bidder may modify his bid by telegraphic communication at any time, provided such communication is received prior to the scheduled bid opening. Written confirmation must be received within two (2) days after the scheduled bid opening or no consideration will be given the telegraphic modifications.

23.0 Resident Labor Used on Public Works

Each bidder must inform himself of the requirements and provisions of Sections 31-5-17, 31-5-2005 and 31-5-21 of the Mississippi Code of 200572, which require the use of Mississippi resident labor on this public works project.

24.0 The BIDDER shall supply the names and addresses of major material SUPPLIERS and SUBCONTRACTORS when required to do so by the OWNER.

25.0 The ENGINEER is SHOWS, DEARMAN & WAITS, INC. The address of the ENGINEER is 301 2nd Avenue, HATTIESBURG, MISSISSIPPI.

26.0 Official bid documents can be downloaded from Central Bidding at www.centralbidding.com. Electronic bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814.

PROPOSAL FORM

I(we) agree to begin work within ten (10) calendar days after the issuance of the "Notice to Proceed" and to complete the work within 100 calendar days thereafter.

It is understood that the quantities of work listed for unit prices bid are approximate, and are intended to merely indicate the general scope of the various items entering into the complete work. It is further understood and agreed that the Owner may increase or decrease the quantities listed in the proposal to an extent equivalent to thirty percent (30%) of the bid price (in dollars) and that no change in the unit prices proposed shall be occasioned thereby.

The undersigned further agrees that the unit and lump sum prices quoted include all items of work required or necessary for the accomplishment of the projected work and that these items include all work indicated on the plans and specifications for which no specific pay items have been established.

The undersigned certifies that the bid prices contained herein have been carefully checked and are submitted as correct and final.

If within sixty (60) days the scheduled closing time for receipt of bids, this proposal is accepted, the undersigned will execute a formal contract within seven (7) days after official notification thereof, will deliver a surety bond for the faithful performance of this contract, and will complete the work within the time specified from the date of execution of the contract.

Respectfully Submitted,

Name of Firm or Bidder

by: _____

Address



SOUTH 28TH AVENUE BRIDGE REPLACEMENT**CITY of HATTIESBURG**

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENSION
ROADWAY ITEMS					
201-A	Clearing and Grubbing	Lump Sum	Lump Sum		
202-B	Removal of Asphalt, All Depths	Sq. Yd.	333		
203-A	Unclassified Excavation, FM	Cu. Yd.	760		
203-E	Borrow Excavation, LVM, Class 9	Cu. Yd.	294		
304-A	Granular Material, LVM, Class 6, Group "C"	Cu. Yd.	328		
403-A	Hot Mix Asphalt, ST, 9.5 mm Mixture	Ton	28		
403-A	Hot Mix Asphalt, ST, 12.5 mm Mixture	Ton	67		
403-A	Hot Mix Asphalt, ST, 25 mm Mixture	Ton	76		
601-B	Class "B" Structural Concrete, Minor Structures	Cu. Yd.	0.87		
602-A	Reinforcing Steel	Lb.	60		
603-CA	18" Reinforced Concrete Pipe, Class III	Lin. Ft.	16		
603-CB	18" Reinforced Concrete End Section	Each	1		
603-CE	18" x 11" Concrete Arch Pipe, Class AIII	Lin. Ft.	16		
603-SB	18" Branch Connection To Box Wingwall	Each	1		
603-SB	18"x11" Branch Connection To Box	Each	1		
604-B	Gratings	Lb.	250		
613-D	Adjustment of Manholes	Each	1		
617-A	Right of Way Markers (Type II)	Each	9		
618-A	Maintenance of Traffic	Lump Sum	Lump Sum		
618-B	Additional Construction Signs	Sq. Ft.	0.0		
620-A	Mobilization	Lump Sum	Lump Sum		

626-C	6" Thermoplastic Edge Stripe, Continuous White, 60 mils	Mile	0.024		
626-E	6" Thermoplastic Traffic Stripe, Continuous Yellow, 90 mils	Lin. Ft.	250		
627-D	Two-Way Yellow Reflective Raised Markers	Each	4		
SUBTOTAL ROADWAY ITEMS					
EROSION CONTROL ITEMS					
213-A	Agricultural Limestone	Ton	0.8		
213-B	Commercial Fertilizer, 13-13-13	Ton	0.4		
213-D	Ammonium Nitrate	Ton	0.04		
214-A	Seeding	Acre	0.4		
215-A	Vegetative Materials for Mulch	Ton	0.8		
216-A	Solid Sodding	Sq. Yd.	200		
234-A	Temporary Silt Fence	Lin. Ft.	1,000		
237-A	Wattles, 20"	Lin. Ft.	200		
815-B	Grouted Riprap	Sq. Yd.	555		
815-E	Geotextile Under Riprap, Type V, AOS 0.21-0.43	Sq. Yd.	555		
SUBTOTAL EROSION CONTROL ITEMS					
BOX BRIDGE ITEMS					
804-B	Box Bridge Concrete, Class "BB"	Cu. Yd.	337.80		
805-A	Reinforcement	Lb.	61,316		
SUBTOTAL BOX BRIDGE ITEMS					
TOTAL BID					

Note: All other items of work are to be absorbed.

BID BOND

KNOWN ALL MEN BY THESE PRESENTS: that we, the undersigned,
_____, as PRINCIPAL, and _____, as SURETY,
are hereby held and firmly bound unto the City of Hattiesburg, as OWNER in the penal sum of 5%
(Five Percent) of the bid amount for payment of which, well and truly to be made, we hereby jointly
and severally bind ourselves, successors, and assigns.

Signed, this _____ day of _____, 201_.

The condition of the above obligation is such that whereas the PRINCIPAL has submitted to the City of Hattiesburg a certain bid, attached hereto and hereby made a part hereof, to enter into a contract in writing for the SOUTH 28TH AVENUE BRIDGE REPLACEMENT, CITY OF HATTIESBURG project.

NOW, THEREFORE,

- a) If said bid shall be rejected, or
- b) If said bid shall be accepted and the PRINCIPAL shall execute and deliver a contract in the form of contract attached hereto (properly completed in accordance with said bid) and shall furnish a bond for his faithful performance of said contract and for the payment of all persons performing labor or furnishing materials in connection therewith and shall in all other respects perform the agreement created by the acceptance of said bid, then this obligation shall be void; otherwise, the same shall remain in force and effect; it being expressly understood and agreed that the liability of the SURETY for all and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The SURETY, for value received, hereby stipulates and agrees that the obligations of said SURETY and its bond shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such bid and said SURETY does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the PRINCIPAL and the SURETY have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

(Seal)

_____(L.S.)
PRINCIPAL

(Seal)

SURETY

by: _____

IMPORTANT NOTE: Surety companies executing bonds must appear on the US Treasury Department's most current list (Circular 570, as amended) and be authorized to transact business in the state where the project is located.



CONTRACT AGREEMENT

THIS AGREEMENT, made this _____ day of _____, 201____, by and between the City of Hattiesburg, hereinafter called "OWNER" and _____, doing business as (an individual,) or (a partnership,) or (a corporation) hereinafter called "CONTRACTOR,"

WITNESSETH: that for and in consideration of the payments and agreements hereinafter mentioned:

ARTICLE I

Scope of Work

The CONTRACTOR agrees to furnish all tools, labor, equipment, materials, and supplies required to be furnished, and perform all work required under and in accordance with the plans entitled:

SOUTH 28TH AVENUE
BRIDGE REPLACEMENT
CITY of HATTIESBURG

which are on file at the office of the OWNER, and the Specifications, Proposals, General and Special Conditions attached hereto and made a part hereof as fully as though copied herein, under the direct supervision and to the entire satisfaction of the OWNER and in accordance with the laws of the State of Mississippi.

ARTICLE II

The Contract Sum

It is further agreed and understood by and between the parties hereunto that the OWNER agrees to pay and the CONTRACTOR agrees to accept full and final compensation for all work done under this agreement, the lump sum amount adjusted for variation of quantities at the unit prices named in the Proposal, which is hereto attached, such payment to be made in lawful money of the United States at the time and in the manner hereinafter set forth.

ARTICLE III

Time of Completion

The CONTRACTOR agrees, for the consideration above expressed, to begin and complete the work within the time specified in the proposal. If the CONTRACTOR fails to complete the work in the time specified, he shall pay the OWNER as liquidated damages, ascertained and agreed, and not in the nature of a penalty, the sum of Two Hundred Dollars (\$200.00) for each day delayed, which



shall be deducted from the final amount to be paid under the contract; provided that the extension of time with the waiver of liquidated damages may be granted as provided for in the Specifications.

ARTICLE IV

Progress Payments

The owner agrees to make progress payments during the construction as provided herein as follows:

The CONTRACTOR will, on or before the tenth (10th) day of each month, make an estimate of the value of the work done based on contract prices, and submit to the ENGINEER, along with an affidavit by the CONTRACTOR that progress payments theretofore received from OWNER have discharged in full all the CONTRACTOR's obligations stated in prior progress payments. ENGINEER will recommend partial payment to the OWNER within a reasonable time of receipt of CONTRACTOR's estimate based on the ENGINEER's estimated quantities.

The OWNER agrees to pay the CONTRACTOR one hundred percent (100%) of the value of the work done each month, less retainage in accordance with MS Code of 1972 Section 31-5-33 until final acceptance of the work has been made. If defective and/or materials are discovered or reasonable doubt arises to the integrity of any part of the work for which partial payment has been allowed, a deduction from subsequent estimates in the amount equal to the work in question will be made until the defects have been remedied or the cause for doubt removed

ARTICLE V

Acceptance and Final Payment

Upon receipt of written notice that the work is ready for final acceptance and inspection, the Engineer shall promptly make such inspection and when he finds the work acceptable under the contract and the contract fully performed, he shall promptly issue a final certificate over his own signature stating that the work provided for in the contract has been completed and is accepted by him under the terms and conditions thereof. Then, the entire balance shall be due the CONTRACTOR within forty-five (45) days from the date of said final acceptance, and receipt of the closeout documents required per the Supplement to General Conditions and recommendation of the same to the OWNER.

Before issuance of final certificate, the CONTRACTOR shall submit evidence satisfactory to the Engineer that all payrolls, materials, bills, and other indebtedness connected with the work have been paid.

The making and acceptance of the final payment shall constitute a waiver of all claims by the OWNER, other than those arising from unsettled liens, from faulty work or materials appearing within one (1) year after payment or claims previously made and still unsettled.

If, after the work has been substantially completed, full completion thereof is materially delayed through no fault of the CONTRACTOR and the Engineer so certifies, the OWNER shall, upon certificate of the Engineer and without terminating the contract, make payment of the balance due for that portion of the work fully completed and accepted. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

ARTICLE VI

The Performance Bond

The CONTRACTOR agrees to furnish a bond with an approved surety thereon guaranteeing the performance of this contract in no less than one hundred percent (100%) of the amount of the contract. Said bond shall be conditioned on full and complete performance of the contract, and the payment of all labor and materials for a period of one (1) year after completion. The Surety on said bond shall be a surety company of financial resources satisfactory to the OWNER and authorized to do business in the State of Mississippi.

ARTICLE VII

Insurance

The CONTRACTOR agrees to also carry public liability insurance, property damage insurance, and workman's compensation insurance in amounts as required by the specifications.

WITNESSETH: that for and in consideration of the payments and agreements hereinafter mentioned:

1. The CONTRACTOR will commence and complete the construction of SOUTH 28TH AVENUE BRIDGE REPLACEMENT, City of Hattiesburg, MS.
2. The CONTRACTOR will furnish all of the material, supplies, tools, equipment, labor, and other services necessary for the construction and completion of the project described herein.
3. The CONTRACTOR will commence the work required by the "Contract Documents" within fifteen (15) calendar days unless the period for completion is extended otherwise by the "Contract Documents."
4. The CONTRACTOR agrees to perform all of the work described in the "Contract Documents" and comply with the terms therein for the sum of _____ or as shown in the bid schedule.
5. The term "Contract Documents" means and includes the following:

Advertisement for Bids	Notice of Award
Instructions to Bidders	Notice to Proceed
Bid	Change Order
Bid Bond	General Conditions
Contract Agreement	Supplemental General Conditions
Payment Bond	Technical Specifications
Performance Bond	Drawings
Addenda: No. ____.	Dated: _____, 20__
No. ____.	Dated: _____, 20__
No. ____.	Dated: _____, 20__



No. _____. Dated: _____, 20____

6. The OWNER will pay to the CONTRACTOR in the manner and at such times as set forth in the "General Conditions" such amounts as required by the "Contract Documents."
7. This "Contract Agreement" shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

(Owner's Seal)

OWNER:

City of Hattiesburg _____

(Owner's Seal)

Authorized by: _____

(Printed Name & Title)

ATTEST _____

CONTRACTOR:

(Contractor's Seal)

ATTEST _____

IMPORTANT NOTE: Surety companies executing bonds must appear on the US Treasury Department's most current list (Circular 570, as amended) and be authorized to transact business in the state where the project is located.

PAYMENT BOND

KNOWN ALL MEN BY THESE PRESENTS: that

_____ Contractor	_____ Contractor's Address
a _____ (Corporation, Partnership, Individual)	_____ City/State/Zip

hereinafter called "PRINCIPAL," and

_____ SURETY	_____ SURETY's Address
	_____ City/State/Zip

hereinafter called "SURETY," are held and firmly bound unto

_____ City of Hattiesburg OWNER	_____ OWNER's Address
	_____ City/State/Zip

hereinafter called "OWNER,"

in the penal sum of _____ Dollars

(\$_____) in lawful money of the United States for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the PRINCIPAL entered into a certain contract with the OWNER, dated the _____ day of _____, 201__, a copy of which is hereto attached and made a part hereof for the construction of:

SOUTH 28TH AVENUE BRIDGE REPLACEMENT, City of Hattiesburg, MS

NOW, THEREFORE, if the PRINCIPAL shall promptly make payment to all persons, firms subcontractors, and corporations furnishing materials for or performing labor in the prosecution of the work provided in such contract, and any authorized extension or modification thereof, including all amounts due to materials, lubricants, oil, gasoline, coal and coke, repairs on machinery, equipment and tools, consumed or used in connection with the construction of such work, and all insurance premiums on said work, and for all labor performed in such work whether by subcontractor or otherwise, then this obligation shall be void, otherwise to remain in full force and effect.

PROVIDED FURTHER, that the said SURETY for value received hereby stipulates and agrees that



no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed thereunder or the specifications accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications.

PROVIDED FURTHER, that no final settlement between the OWNER and the PRINCIPAL shall abridge the right of any beneficiary hereunder whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in _____ counterparts, each
(Number)
one of which shall be deemed an original. Said PRINCIPAL and SURETY have hereunto set their hands and seals at _____ this the ____ day of _____, 201__.

(PRINCIPAL's Seal)

ATTEST by:

Name

(PRINCIPAL) Secretary;
Witness as to PRINCIPAL

Address

City/State/Zip

PRINCIPAL

Authorized Representative
Executing for PRINCIPAL

Title



Payment Bond (continued)

(SURETY's Seal)

ATTEST by:

_____	_____ SURETY
_____ Name	_____ Authorized Person Executing For SURETY
_____ Title	_____ Title
_____ Witness as to SURETY	
_____ Address	
_____ City/State/Zip	

NOTE: Date of bond must not be prior to the date of the contract agreement. If PRINCIPAL is a partnership, all partners should execute the bond.

IMPORTANT NOTE: SURETY companies executing bonds must appear on the US Treasury Department's most current list (Circular C570, as amended) and be authorized to transact business in the state where the project is located.



PERFORMANCE BOND

KNOWN ALL MEN BY THESE PRESENTS: that

_____ Contractor	_____ Contractor's Address
^a _____ (Corporation, Partnership, Individual)	_____ City/State/Zip

hereinafter called "PRINCIPAL," and

_____ SURETY	_____ SURETY's Address
	_____ City/State/Zip

hereinafter called "SURETY," are held and firmly bound unto

_____ City of Hattiesburg OWNER	_____ OWNER's Address
	_____ City/State/Zip

hereinafter called "OWNER,"

in the penal sum of _____ Dollars

(\$_____) in lawful money of the United States for the payment of which sum well and truly to be made, we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION is such that whereas, the PRINCIPAL entered into a certain contract with the OWNER, dated the _____ day of _____, 201__, a copy of which is hereto attached and made a part hereof for the construction of:

SOUTH 28TH AVENUE BRIDGE REPLACEMENT, City of Hattiesburg, MS

NOW, THEREFORE, if the PRINCIPAL shall well, truly, and faithfully perform its duties, all the undertakings, covenants, terms, conditions, and agreements of said contract during the original term thereof, and any extensions thereof which may be granted by the OWNER, with or without notice to the SURETY, and during the one year guaranty period, and if PRINCIPAL shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save harmless the OWNER from all costs and damages that it may suffer by reason of failure to do so, and shall reimburse and repay the OWNER all outlay and expense which the OWNER may incur in making good any default, then this obligation shall be void; otherwise to remain in full force and effect.

NOW THEREFORE, if the PRINCIPAL shall promptly make payment of all taxes, licenses,



assignments, contributions, damages, penalties, and interest thereon, when and as the same may lawfully be due the State of Mississippi, or any county, municipality, board, department, commission, or political subdivision thereof, by reason of and directly connected with the performance of said contract or any part thereof as provided by Sections 27-65-1, 27-65-21, 27-67-1, 27-67-301, and 31-5-3, supra, or any other applicable statute or other authority, then this obligation shall be null and void; otherwise, it shall remain in full force and effect.

PROVIDED FURTHER, that the said SURETY, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to work to be performed thereunder or the specifications accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications.

PROVIDED FURTHER, that no final settlement between the OWNER and the PRINCIPAL shall abridge the right of any beneficiary hereunder whose claim may be unsatisfied.

IN WITNESS WHEREOF, this instrument is executed in _____ counterparts, each
(Number)
one of which shall be deemed an original. Said PRINCIPAL and SURETY have hereunto set their hands and seals at _____ this the ____ day of _____, 201_.

(PRINCIPAL's Seal)

ATTEST by:

_____	_____
	PRINCIPAL
_____	_____
Name	Authorized Person Executing for PRINCIPAL
_____	_____
(PRINCIPAL) Secretary; Witness as to PRINCIPAL	Title

Address	

City/State/Zip	

(SURETY's Seal)

ATTEST by:

Name

Title

Witness as to SURETY

Address

City/State/Zip

SURETY

Authorized Person Executing
For SURETY

Title

NOTE: Date of bond must not be prior to the date of the contract agreement. If PRINCIPAL is a partnership, all partners should execute the bond.

IMPORTANT NOTE: SURETY companies executing bonds must appear on the US Treasury Department's most current list (Circular C570, as amended) and be authorized to transact business in the state where the project is located.



NOTICE OF AWARD

TO:

Project Description: SOUTH 28TH AVENUE BRIDGE REPLACEMENT
City of Hattiesburg, MS

The owner has considered the bid submitted by you for the above described work in response to his/its "Advertisement for Bids" dated _____, and "Instructions to Bidders." You are hereby notified that your bid has been accepted for items in the amount of _____.

You are required by the "Instructions to Bidders" to execute the "Contract Agreement" and furnish the required contractor's "Payment and Performance Bond" and certificates of insurance within ten (10) calendar days from the date of this Notice to you. (See "Contract Documents.")

If you fail to execute said "Contract Agreement" and to furnish said bonds and certificates within ten (10) days from the date of this Notice, said owner will be entitled to consider all your rights arising out of the owner's acceptance of your bid as abandoned. The owner will be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this "Notice of Award" to the owner.

Dated this _____ day of _____, 201_.

CITY OF HATTIESBURG

Owner

by: _____

Authorized Representative

MAYOR

Title

ACCEPTANCE of NOTICE

Receipt of the above "Notice of Award" is acknowledged by: _____
Contractor Authorized Signee

This the _____ day of _____, 201_ _____
Print Name

Title

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



NOTICE TO PROCEED

TO:

Project Description: SOUTH 28TH AVENUE BRIDGE REPLACEMENT
City of Hattiesburg, MS

In accordance with the "Contract Agreement" dated _____, 20__:

- 1) You are hereby notified to commence stated project work on or before
_____, 20__.
- 2) You are to complete the stated project work within 90 consecutive calendar days thereafter.
- 3) The date of completion of all stated project work is therefore _____, 20__.

Dated this _____ day of _____, 201__.

CITY OF HATTIESBURG
Owner

by: _____
Authorized Representative

MAYOR
Title

ACCEPTANCE of NOTICE

Receipt of the above "Notice to Proceed" is acknowledged by: _____
Contractor Authorized Signee

This the _____ day of _____, 20__ _____
Print Name

Title

GENERAL CONDITIONS

ARTICLE 1 – DEFINITIONS AND TERMINOLOGY

1.01 *Defined Terms*

- A. Wherever used in the Bidding Requirements or Contract Documents and printed with initial capital letters, the terms listed below will have the meanings indicated which are applicable to both the singular and plural thereof. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.
1. *Addenda*—Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.
 2. *Agreement*—The written instrument which is evidence of the agreement between Owner and Contractor covering the Work.
 3. *Application for Payment*—The form acceptable to Engineer which is to be used by Contractor during the course of the Work in requesting progress or final payments and which is to be accompanied by such supporting documentation as is required by the Contract Documents.
 4. *Asbestos*—Any material that contains more than one percent asbestos and is friable or is releasing asbestos fibers into the air above current action levels established by the United States Occupational Safety and Health Administration.
 5. *Bid*—The offer or proposal of a Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
 6. *Bidder*—The individual or entity who submits a Bid directly to Owner.
 7. *Bidding Documents*—The Bidding Requirements and the proposed Contract Documents (including all Addenda).
 8. *Bidding Requirements*—The advertisement or invitation to bid, Instructions to Bidders, Bid security of acceptable form, if any, and the Bid Form with any supplements.
 9. *Change Order*—A document recommended by Engineer which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, issued on or after the Effective Date of the Agreement.
 10. *Claim*—A demand or assertion by Owner or Contractor seeking an adjustment of Contract Price or Contract Times, or both, or other relief with respect to the terms of the Contract. A demand for money or services by a third party is not a Claim.
 11. *Contract*—The entire and integrated written agreement between the Owner and Contractor concerning the Work. The Contract supersedes prior negotiations, representations, or agreements, whether written or oral.
 12. *Contract Documents*—Those items so designated in the Agreement. Only printed or hard copies of the items listed in the Agreement are Contract Documents. Approved Shop Drawings, other Contractor submittals, and the reports and drawings of subsurface and physical conditions are not Contract Documents.
 13. *Contract Price*—The moneys payable by Owner to Contractor for completion of the Work in accordance with the Contract Documents as stated in the Agreement (subject to the provisions of Paragraph 11.03 in the case of Unit Price Work).

14. *Contract Times*—The number of days or the dates stated in the Agreement to: (i) achieve Milestones, if any; (ii) achieve Substantial Completion; and (iii) complete the Work so that it is ready for final payment as evidenced by Engineer's written recommendation of final payment.
15. *Contractor*—The individual or entity with whom Owner has entered into the Agreement.
16. *Cost of the Work*—See Paragraph 11.01 for definition.
17. *Drawings*—That part of the Contract Documents prepared or approved by Engineer which graphically shows the scope, extent, and character of the Work to be performed by Contractor. Shop Drawings and other Contractor submittals are not Drawings as so defined.
18. *Effective Date of the Agreement*—The date indicated in the Agreement on which it becomes effective, but if no such date is indicated, it means the date on which the Agreement is signed and delivered by the last of the two parties to sign and deliver.
19. *Engineer*—The individual or entity named as such in the Agreement.
20. *Field Order*—A written order issued by Engineer which requires minor changes in the Work but which does not involve a change in the Contract Price or the Contract Times.
21. *General Requirements*—Sections of Division 1 of the Specifications.
22. *Hazardous Environmental Condition*—The presence at the Site of Asbestos, PCBs, Petroleum, Hazardous Waste, or Radioactive Material in such quantities or circumstances that may present a substantial danger to persons or property exposed thereto.
23. *Hazardous Waste*—The term Hazardous Waste shall have the meaning provided in Section 1004 of the Solid Waste Disposal Act (42 USC Section 6903) as amended from time to time.
24. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
25. *Liens*—Charges, security interests, or encumbrances upon Project funds, real property, or personal property.
26. *Milestone*—A principal event specified in the Contract Documents relating to an intermediate completion date or time prior to Substantial Completion of all the Work.
27. *Notice of Award*—The written notice by Owner to the Successful Bidder stating that upon timely compliance by the Successful Bidder with the conditions precedent listed therein, Owner will sign and deliver the Agreement.
28. *Notice to Proceed*—A written notice given by Owner to Contractor fixing the date on which the Contract Times will commence to run and on which Contractor shall start to perform the Work under the Contract Documents.
29. *Owner*—The individual or entity with whom Contractor has entered into the Agreement and for whom the Work is to be performed.
30. *PCBs*—Polychlorinated biphenyls.
31. *Petroleum*—Petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute), such as oil, petroleum, fuel oil, oil sludge, oil refuse, gasoline, kerosene, and oil mixed with other non-Hazardous Waste and crude oils.

32. *Progress Schedule*—A schedule, prepared and maintained by Contractor, describing the sequence and duration of the activities comprising the Contractor’s plan to accomplish the Work within the Contract Times.
33. *Project*—The total construction of which the Work to be performed under the Contract Documents may be the whole, or a part.
34. *Project Manual*—The bound documentary information prepared for bidding and constructing the Work. A listing of the contents of the Project Manual, which may be bound in one or more volumes, is contained in the table(s) of contents.
35. *Radioactive Material*—Source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954 (42 USC Section 2011 et seq.) as amended from time to time.
36. *Resident Project Representative*—The authorized representative of Engineer who may be assigned to the Site or any part thereof.
37. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and which establish the standards by which such portion of the Work will be judged.
38. *Schedule of Submittals*—A schedule, prepared and maintained by Contractor, of required submittals and the time requirements to support scheduled performance of related construction activities.
39. *Schedule of Values*—A schedule, prepared and maintained by Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing Contractor’s Applications for Payment.
40. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information which are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work.
41. *Site*—Lands or areas indicated in the Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements for access thereto, and such other lands furnished by Owner which are designated for the use of Contractor.
42. *Specifications*—That part of the Contract Documents consisting of written requirements for materials, equipment, systems, standards and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable thereto.
43. *Subcontractor*—An individual or entity having a direct contract with Contractor or with any other Subcontractor for the performance of a part of the Work at the Site.
44. *Substantial Completion*—The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms “substantially complete” and “substantially completed” as applied to all or part of the Work refer to Substantial Completion thereof.
45. *Successful Bidder*—The Bidder submitting a responsive Bid to whom Owner makes an award.
46. *Supplementary Conditions*—That part of the Contract Documents which amends or supplements these General Conditions.

47. *Supplier*—A manufacturer, fabricator, supplier, distributor, materialman, or vendor having a direct contract with Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by Contractor or Subcontractor.
48. *Underground Facilities*—All underground pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or attachments, and any encasements containing such facilities, including those that convey electricity, gases, steam, liquid petroleum products, telephone or other communications, cable television, water, wastewater, storm water, other liquids or chemicals, or traffic or other control systems.
49. *Unit Price Work*—Work to be paid for on the basis of unit prices.
50. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction, and furnishing, installing, and incorporating all materials and equipment into such construction, all as required by the Contract Documents.
51. *Work Change Directive*—A written statement to Contractor issued on or after the Effective Date of the Agreement and signed by Owner and recommended by Engineer ordering an addition, deletion, or revision in the Work, or responding to differing or unforeseen subsurface or physical conditions under which the Work is to be performed or to emergencies. A Work Change Directive will not change the Contract Price or the Contract Times but is evidence that the parties expect that the change ordered or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order following negotiations by the parties as to its effect, if any, on the Contract Price or Contract Times.

1.02 Terminology

- A. The words and terms discussed in Paragraph 1.02.B through F are not defined but, when used in the Bidding Requirements or Contract Documents, have the indicated meaning.
- B. Intent of Certain Terms or Adjectives:
1. The Contract Documents include the terms “as allowed,” “as approved,” “as ordered,” “as directed” or terms of like effect or import to authorize an exercise of professional judgment by Engineer. In addition, the adjectives “reasonable,” “suitable,” “acceptable,” “proper,” “satisfactory,” or adjectives of like effect or import are used to describe an action or determination of Engineer as to the Work. It is intended that such exercise of professional judgment, action, or determination will be solely to evaluate, in general, the Work for compliance with the information in the Contract Documents and with the design concept of the Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective is not intended to and shall not be effective to assign to Engineer any duty or authority to supervise or direct the performance of the Work, or any duty or authority to undertake responsibility contrary to the provisions of Paragraph 9.09 or any other provision of the Contract Documents.
- C. Day:
1. The word “day” means a calendar day of 24 hours measured from midnight to the next midnight.
- D. Defective:
1. The word “defective,” when modifying the word “Work,” refers to Work that is unsatisfactory, faulty, or deficient in that it:
 - a. does not conform to the Contract Documents; or

- b. does not meet the requirements of any applicable inspection, reference standard, test, or approval referred to in the Contract Documents; or
 - c. has been damaged prior to Engineer's recommendation of final payment (unless responsibility for the protection thereof has been assumed by Owner at Substantial Completion in accordance with Paragraph 14.04 or 14.05).
- E. Furnish, Install, Perform, Provide:
 - 1. The word "furnish," when used in connection with services, materials, or equipment, shall mean to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.
 - 2. The word "install," when used in connection with services, materials, or equipment, shall mean to put into use or place in final position said services, materials, or equipment complete and ready for intended use.
 - 3. The words "perform" or "provide," when used in connection with services, materials, or equipment, shall mean to furnish and install said services, materials, or equipment complete and ready for intended use.
 - 4. When "furnish," "install," "perform," or "provide" is not used in connection with services, materials, or equipment in a context clearly requiring an obligation of Contractor, "provide" is implied.
- F. Unless stated otherwise in the Contract Documents, words or phrases that have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

ARTICLE 2 – PRELIMINARY MATTERS

2.01 *Delivery of Bonds and Evidence of Insurance*

- A. When Contractor delivers the executed counterparts of the Agreement to Owner, Contractor shall also deliver to Owner such bonds as Contractor may be required to furnish.
- B. Evidence of Insurance: Before any Work at the Site is started, Contractor and Owner shall each deliver to the other, with copies to each additional insured identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance which either of them or any additional insured may reasonably request) which Contractor and Owner respectively are required to purchase and maintain in accordance with Article 5.

2.02 *Copies of Documents*

- A. Owner shall furnish to Contractor up to ten printed or hard copies of the Drawings and Project Manual. Additional copies will be furnished upon request at the cost of reproduction.

2.03 *Commencement of Contract Times; Notice to Proceed*

- A. The Contract Times will commence to run on the thirtieth day after the Effective Date of the Agreement or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 30 days after the Effective Date of the Agreement. In no event will the Contract Times commence to run later than the sixtieth day after the day of Bid opening or the thirtieth day after the Effective Date of the Agreement, whichever date is earlier.

2.04 *Starting the Work*

- A. Contractor shall start to perform the Work on the date when the Contract Times commence to run. No Work shall be done at the Site prior to the date on which the Contract Times commence to run.

2.05 *Before Starting Construction*

- A. Preliminary Schedules: Within 10 days after the Effective Date of the Agreement (unless otherwise specified in the General Requirements), Contractor shall submit to Engineer for timely review:
 - 1. a preliminary Progress Schedule indicating the times (numbers of days or dates) for starting and completing the various stages of the Work, including any Milestones specified in the Contract Documents;
 - 2. a preliminary Schedule of Submittals; and
 - 3. a preliminary Schedule of Values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work.

2.06 *Preconstruction Conference; Designation of Authorized Representatives*

- A. Before any Work at the Site is started, a conference attended by Owner, Contractor, Engineer, and others as appropriate will be held to establish a working understanding among the parties as to the Work and to discuss the schedules referred to in Paragraph 2.05.A, procedures for handling Shop Drawings and other submittals, processing Applications for Payment, and maintaining required records.
- B. At this conference Owner and Contractor each shall designate, in writing, a specific individual to act as its authorized representative with respect to the services and responsibilities under the Contract. Such individuals shall have the authority to transmit instructions, receive information, render decisions relative to the Contract, and otherwise act on behalf of each respective party.

2.07 *Initial Acceptance of Schedules*

- A. At least 10 days before submission of the first Application for Payment a conference attended by Contractor, Engineer, and others as appropriate will be held to review for acceptability to Engineer as provided below the schedules submitted in accordance with Paragraph 2.05.A. Contractor shall have an additional 10 days to make corrections and adjustments and to complete and resubmit the schedules. No progress payment shall be made to Contractor until acceptable schedules are submitted to Engineer.
 - 1. The Progress Schedule will be acceptable to Engineer if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.
 - 2. Contractor's Schedule of Submittals will be acceptable to Engineer if it provides a workable arrangement for reviewing and processing the required submittals.
 - 3. Contractor's Schedule of Values will be acceptable to Engineer as to form and substance if it provides a reasonable allocation of the Contract Price to component parts of the Work.

ARTICLE 3 – CONTRACT DOCUMENTS: INTENT, AMENDING, REUSE

3.01 *Intent*

- A. The Contract Documents are complementary; what is required by one is as binding as if required by all.
- B. It is the intent of the Contract Documents to describe a functionally complete project (or part thereof) to be constructed in accordance with the Contract Documents. Any labor, documentation, services, materials, or equipment that reasonably may be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the indicated result will be provided whether or not specifically called for, at no additional cost to Owner.
- C. Clarifications and interpretations of the Contract Documents shall be issued by Engineer as provided in Article 9.

3.02 *Reference Standards*

- A. Standards, Specifications, Codes, Laws, and Regulations
 - 1. Reference to standards, specifications, manuals, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, shall mean the standard, specification, manual, code, or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Agreement if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.
 - 2. No provision of any such standard, specification, manual, or code, or any instruction of a Supplier, shall be effective to change the duties or responsibilities of Owner, Contractor, or Engineer, or any of their subcontractors, consultants, agents, or employees, from those set forth in the Contract Documents. No such provision or instruction shall be effective to assign to Owner, Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, any duty or authority to supervise or direct the performance of the Work or any duty or authority to undertake responsibility inconsistent with the provisions of the Contract Documents.

3.03 *Reporting and Resolving Discrepancies*

- A. Reporting Discrepancies:
 - 1. *Contractor's Review of Contract Documents Before Starting Work* Before undertaking each part of the Work, Contractor shall carefully study and compare the Contract Documents and check and verify pertinent figures therein and all applicable field measurements. Contractor shall promptly report in writing to Engineer any conflict, error, ambiguity, or discrepancy which Contractor discovers, or has actual knowledge of, and shall obtain a written interpretation or clarification from Engineer before proceeding with any Work affected thereby.
 - 2. *Contractor's Review of Contract Documents During Performance of Work* If, during the performance of the Work, Contractor discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents, or between the Contract Documents and (a) any applicable Law or Regulation, (b) any standard, specification, manual, or code, or (c) any instruction of any Supplier, then Contractor shall promptly report it to Engineer in writing. Contractor shall not proceed with the Work affected thereby (except in an emergency as required by Paragraph 6.16.A) until an amendment or supplement to the Contract Documents has been issued by one of the methods indicated in Paragraph 3.04.

3. Contractor shall not be liable to Owner or Engineer for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless Contractor had actual knowledge thereof.

B. Resolving Discrepancies:

1. Except as may be otherwise specifically stated in the Contract Documents, the provisions of the Contract Documents shall take precedence in resolving any conflict, error, ambiguity, or discrepancy between the provisions of the Contract Documents and:
 - a. the provisions of any standard, specification, manual, or code, or the instruction of any Supplier (whether or not specifically incorporated by reference in the Contract Documents); or
 - b. the provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

3.04 *Amending and Supplementing Contract Documents*

- A. The Contract Documents may be amended to provide for additions, deletions, and revisions in the Work or to modify the terms and conditions thereof by either a Change Order or a Work Change Directive.
- B. The requirements of the Contract Documents may be supplemented, and minor variations and deviations in the Work may be authorized, by one or more of the following ways:
 1. A Field Order;
 2. Engineer's approval of a Shop Drawing or Sample (subject to the provisions of Paragraph 6.17.D.3); or
 3. Engineer's written interpretation or clarification.

3.05 *Reuse of Documents*

- A. Contractor and any Subcontractor or Supplier shall not:
 1. have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of Engineer or its consultants, including electronic media editions; or
 2. reuse any such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without written consent of Owner and Engineer and specific written verification or adaptation by Engineer.
- B. The prohibitions of this Paragraph 3.05 will survive final payment, or termination of the Contract. Nothing herein shall preclude Contractor from retaining copies of the Contract Documents for record purposes.

3.06 *Electronic Data*

- A. Unless otherwise stated in the Supplementary Conditions, the data furnished by Owner or Engineer to Contractor, or by Contractor to Owner or Engineer, that may be relied upon are limited to the printed copies (also known as hard copies). Files in electronic media format of text, data, graphics, or other types are furnished only for the convenience of the receiving party. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. If there is a discrepancy between the electronic files and the hard copies, the hard copies govern.

- B. Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within 60 days, after which the receiving party shall be deemed to have accepted the data thus transferred. Any errors detected within the 60-day acceptance period will be corrected by the transferring party.
- C. When transferring documents in electronic media format, the transferring party makes no representations as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by the data's creator.

ARTICLE 4 – AVAILABILITY OF LANDS; SUBSURFACE AND PHYSICAL CONDITIONS; HAZARDOUS ENVIRONMENTAL CONDITIONS; REFERENCE POINTS

4.01 *Availability of Lands*

- A. Owner shall furnish the Site. Owner shall notify Contractor of any encumbrances or restrictions not of general application but specifically related to use of the Site with which Contractor must comply in performing the Work. Owner will obtain in a timely manner and pay for easements for permanent structures or permanent changes in existing facilities. If Contractor and Owner are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, as a result of any delay in Owner's furnishing the Site or a part thereof, Contractor may make a Claim therefor as provided in Paragraph 10.05.
- B. Upon reasonable written request, Owner shall furnish Contractor with a current statement of record legal title and legal description of the lands upon which the Work is to be performed and Owner's interest therein as necessary for giving notice of or filing a mechanic's or construction lien against such lands in accordance with applicable Laws and Regulations.
- C. Contractor shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

4.02 *Subsurface and Physical Conditions*

- A. Reports and Drawings: The Supplementary Conditions identify:
 - 1. those reports known to Owner of explorations and tests of subsurface conditions at or contiguous to the Site; and
 - 2. those drawings known to Owner of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities).
- B. Limited Reliance by Contractor on Technical Data Authorized: Contractor may rely upon the accuracy of the "technical data" contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such "technical data" is identified in the Supplementary Conditions. Except for such reliance on such "technical data," Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors with respect to:
 - 1. the completeness of such reports and drawings for Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, and safety precautions and programs incident thereto; or
 - 2. other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or

3. any Contractor interpretation of or conclusion drawn from any “technical data” or any such other data, interpretations, opinions, or information.

4.03 *Differing Subsurface or Physical Conditions*

- A. Notice: If Contractor believes that any subsurface or physical condition that is uncovered or revealed either:

1. is of such a nature as to establish that any “technical data” on which Contractor is entitled to rely as provided in Paragraph 4.02 is materially inaccurate; or
2. is of such a nature as to require a change in the Contract Documents; or
3. differs materially from that shown or indicated in the Contract Documents; or
4. is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;

then Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 6.16.A), notify Owner and Engineer in writing about such condition. Contractor shall not further disturb such condition or perform any Work in connection therewith (except as aforesaid) until receipt of written order to do so.

- B. Engineer’s Review: After receipt of written notice as required by Paragraph 4.03.A, Engineer will promptly review the pertinent condition, determine the necessity of Owner’s obtaining additional exploration or tests with respect thereto, and advise Owner in writing (with a copy to Contractor) of Engineer’s findings and conclusions.

- C. Possible Price and Times Adjustments:

1. The Contract Price or the Contract Times, or both, will be equitably adjusted to the extent that the existence of such differing subsurface or physical condition causes an increase or decrease in Contractor’s cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. such condition must meet any one or more of the categories described in Paragraph 4.03.A; and
 - b. with respect to Work that is paid for on a unit price basis, any adjustment in Contract Price will be subject to the provisions of Paragraphs 9.07 and 11.03.
2. Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times if:
 - a. Contractor knew of the existence of such conditions at the time Contractor made a final commitment to Owner with respect to Contract Price and Contract Times by the submission of a Bid or becoming bound under a negotiated contract; or
 - b. the existence of such condition could reasonably have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas required by the Bidding Requirements or Contract Documents to be conducted by or for Contractor prior to Contractor’s making such final commitment; or
 - c. Contractor failed to give the written notice as required by Paragraph 4.03.A.
3. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, a Claim may be made therefor as provided in Paragraph 10.05. However, neither Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors shall be liable to

Contractor for any claims, costs, losses, or damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Contractor on or in connection with any other project or anticipated project.

4.04 *Underground Facilities*

- A. Shown or Indicated: The information and data shown or indicated in the Contract Documents with respect to existing Underground Facilities at or contiguous to the Site is based on information and data furnished to Owner or Engineer by the owners of such Underground Facilities, including Owner, or by others. Unless it is otherwise expressly provided in the Supplementary Conditions:
 - 1. Owner and Engineer shall not be responsible for the accuracy or completeness of any such information or data provided by others; and
 - 2. the cost of all of the following will be included in the Contract Price, and Contractor shall have full responsibility for:
 - a. reviewing and checking all such information and data;
 - b. locating all Underground Facilities shown or indicated in the Contract Documents;
 - c. coordination of the Work with the owners of such Underground Facilities, including Owner, during construction; and
 - d. the safety and protection of all such Underground Facilities and repairing any damage thereto resulting from the Work.
- B. Not Shown or Indicated:
 - 1. If an Underground Facility is uncovered or revealed at or contiguous to the Site which was not shown or indicated, or not shown or indicated with reasonable accuracy in the Contract Documents, Contractor shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by Paragraph 6.16.A), identify the owner of such Underground Facility and give written notice to that owner and to Owner and Engineer. Engineer will promptly review the Underground Facility and determine the extent, if any, to which a change is required in the Contract Documents to reflect and document the consequences of the existence or location of the Underground Facility. During such time, Contractor shall be responsible for the safety and protection of such Underground Facility.
 - 2. If Engineer concludes that a change in the Contract Documents is required, a Work Change Directive or a Change Order will be issued to reflect and document such consequences. An equitable adjustment shall be made in the Contract Price or Contract Times, or both, to the extent that they are attributable to the existence or location of any Underground Facility that was not shown or indicated or not shown or indicated with reasonable accuracy in the Contract Documents and that Contractor did not know of and could not reasonably have been expected to be aware of or to have anticipated. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment in Contract Price or Contract Times, Owner or Contractor may make a Claim therefor as provided in Paragraph 10.05.

4.05 *Reference Points*

- A. Owner shall provide engineering surveys to establish reference points for construction which in Engineer's judgment are necessary to enable Contractor to proceed with the Work. Contractor shall be responsible for laying out the Work, shall protect and preserve the established reference points and property monuments, and shall make no changes or relocations without the prior written approval of

Owner. Contractor shall report to Engineer whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

4.06 *Hazardous Environmental Condition at Site*

- A. Reports and Drawings: The Supplementary Conditions identify those reports and drawings known to Owner relating to Hazardous Environmental Conditions that have been identified at the Site.
- B. Limited Reliance by Contractor on Technical Data Authorized: Contractor may rely upon the accuracy of the “technical data” contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such “technical data” is identified in the Supplementary Conditions. Except for such reliance on such “technical data,” Contractor may not rely upon or make any claim against Owner or Engineer, or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors with respect to:
 - 1. the completeness of such reports and drawings for Contractor’s purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by Contractor and safety precautions and programs incident thereto; or
 - 2. other data, interpretations, opinions and information contained in such reports or shown or indicated in such drawings; or
 - 3. any Contractor interpretation of or conclusion drawn from any “technical data” or any such other data, interpretations, opinions or information.
- C. Contractor shall not be responsible for any Hazardous Environmental Condition uncovered or revealed at the Site which was not shown or indicated in Drawings or Specifications or identified in the Contract Documents to be within the scope of the Work. Contractor shall be responsible for a Hazardous Environmental Condition created with any materials brought to the Site by Contractor, Subcontractors, Suppliers, or anyone else for whom Contractor is responsible.
- D. If Contractor encounters a Hazardous Environmental Condition or if Contractor or anyone for whom Contractor is responsible creates a Hazardous Environmental Condition, Contractor shall immediately: (i) secure or otherwise isolate such condition; (ii) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by Paragraph 6.16.A); and (iii) notify Owner and Engineer (and promptly thereafter confirm such notice in writing). Owner shall promptly consult with Engineer concerning the necessity for Owner to retain a qualified expert to evaluate such condition or take corrective action, if any. Promptly after consulting with Engineer, Owner shall take such actions as are necessary to permit Owner to timely obtain required permits and provide Contractor the written notice required by Paragraph 4.06.E.
- E. Contractor shall not be required to resume Work in connection with such condition or in any affected area until after Owner has obtained any required permits related thereto and delivered written notice to Contractor: (i) specifying that such condition and any affected area is or has been rendered safe for the resumption of Work; or (ii) specifying any special conditions under which such Work may be resumed safely. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in Contract Price or Contract Times, or both, as a result of such Work stoppage or such special conditions under which Work is agreed to be resumed by Contractor, either party may make a Claim therefor as provided in Paragraph 10.05.
- F. If after receipt of such written notice Contractor does not agree to resume such Work based on a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then Owner may order the portion of the Work that is in the area affected by such condition to be

deleted from the Work. If Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of an adjustment in Contract Price or Contract Times as a result of deleting such portion of the Work, then either party may make a Claim therefor as provided in Paragraph 10.05. Owner may have such deleted portion of the Work performed by Owner's own forces or others in accordance with Article 7.

- G. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition: (i) was not shown or indicated in the Drawings or Specifications or identified in the Contract Documents to be included within the scope of the Work, and (ii) was not created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 4.06.G shall obligate Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- H. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition created by Contractor or by anyone for whom Contractor is responsible. Nothing in this Paragraph 4.06.H shall obligate Contractor to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- I. The provisions of Paragraphs 4.02, 4.03, and 4.04 do not apply to a Hazardous Environmental Condition uncovered or revealed at the Site.

ARTICLE 5 – BONDS AND INSURANCE

5.01 *Performance, Payment, and Other Bonds*

- A. Contractor shall furnish performance and payment bonds, each in an amount at least equal to the Contract Price as security for the faithful performance and payment of all of Contractor's obligations under the Contract Documents. These bonds shall remain in effect until one year after the date when final payment becomes due or until completion of the correction period specified in Paragraph 13.07, whichever is later, except as provided otherwise by Laws or Regulations or by the Contract Documents. Contractor shall also furnish such other bonds as are required by the Contract Documents.
- B. All bonds shall be in the form prescribed by the Contract Documents except as provided otherwise by Laws or Regulations, and shall be executed by such sureties as are named in the list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Financial Management Service, Surety Bond Branch, U.S. Department of the Treasury. All bonds signed by an agent or attorney-in-fact must be accompanied by a certified copy of that individual's authority to bind the surety. The evidence of authority shall show that it is effective on the date the agent or attorney-in-fact signed each bond.
- C. If the surety on any bond furnished by Contractor is declared bankrupt or becomes insolvent or its right to do business is terminated in any state where any part of the Project is located or it ceases to meet the requirements of Paragraph 5.01.B, Contractor shall promptly notify Owner and Engineer and shall,

within 20 days after the event giving rise to such notification, provide another bond and surety, both of which shall comply with the requirements of Paragraphs 5.01.B and 5.02.

5.02 *Licensed Sureties and Insurers*

- A. All bonds and insurance required by the Contract Documents to be purchased and maintained by Owner or Contractor shall be obtained from surety or insurance companies that are duly licensed or authorized in the jurisdiction in which the Project is located to issue bonds or insurance policies for the limits and coverages so required. Such surety and insurance companies shall also meet such additional requirements and qualifications as may be provided in the Supplementary Conditions.

5.03 *Certificates of Insurance*

- A. Contractor shall deliver to Owner, with copies to each additional insured and loss payee identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by Owner or any other additional insured) which Contractor is required to purchase and maintain.
- B. Owner shall deliver to Contractor, with copies to each additional insured and loss payee identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by Contractor or any other additional insured) which Owner is required to purchase and maintain.
- C. Failure of Owner to demand such certificates or other evidence of Contractor's full compliance with these insurance requirements or failure of Owner to identify a deficiency in compliance from the evidence provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance.
- D. Owner does not represent that insurance coverage and limits established in this Contract necessarily will be adequate to protect Contractor.
- E. The insurance and insurance limits required herein shall not be deemed as a limitation on Contractor's liability under the indemnities granted to Owner in the Contract Documents.

5.04 *Contractor's Insurance*

- A. Contractor shall purchase and maintain such insurance as is appropriate for the Work being performed and as will provide protection from claims set forth below which may arise out of or result from Contractor's performance of the Work and Contractor's other obligations under the Contract Documents, whether it is to be performed by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable:
 - 1. claims under workers' compensation, disability benefits, and other similar employee benefit acts;
 - 2. claims for damages because of bodily injury, occupational sickness or disease, or death of Contractor's employees;
 - 3. claims for damages because of bodily injury, sickness or disease, or death of any person other than Contractor's employees;
 - 4. claims for damages insured by reasonably available personal injury liability coverage which are sustained:
 - a. by any person as a result of an offense directly or indirectly related to the employment of such person by Contractor, or
 - b. by any other person for any other reason;
 - 5. claims for damages, other than to the Work itself, because of injury to or destruction of tangible property wherever located, including loss of use resulting therefrom; and

6. claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle.
- B. The policies of insurance required by this Paragraph 5.04 shall:
1. with respect to insurance required by Paragraphs 5.04.A.3 through 5.04.A.6 inclusive, be written on an occurrence basis, include as additional insureds (subject to any customary exclusion regarding professional liability) Owner and Engineer, and any other individuals or entities identified in the Supplementary Conditions, all of whom shall be listed as additional insureds, and include coverage for the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of all such additional insureds, and the insurance afforded to these additional insureds shall provide primary coverage for all claims covered thereby;
 2. include at least the specific coverages and be written for not less than the limits of liability provided in the Supplementary Conditions or required by Laws or Regulations, whichever is greater;
 3. include contractual liability insurance covering Contractor's indemnity obligations under Paragraphs 6.11 and 6.20;
 4. contain a provision or endorsement that the coverage afforded will not be canceled, materially changed or renewal refused until at least 30 days prior written notice has been given to Owner and Contractor and to each other additional insured identified in the Supplementary Conditions to whom a certificate of insurance has been issued (and the certificates of insurance furnished by the Contractor pursuant to Paragraph 5.03 will so provide);
 5. remain in effect at least until final payment and at all times thereafter when Contractor may be correcting, removing, or replacing defective Work in accordance with Paragraph 13.07; and
 6. include completed operations coverage:
 - a. Such insurance shall remain in effect for two years after final payment.
 - b. Contractor shall furnish Owner and each other additional insured identified in the Supplementary Conditions, to whom a certificate of insurance has been issued, evidence satisfactory to Owner and any such additional insured of continuation of such insurance at final payment and one year thereafter.

5.05 *Owner's Liability Insurance*

- A. In addition to the insurance required to be provided by Contractor under Paragraph 5.04, Owner, at Owner's option, may purchase and maintain at Owner's expense Owner's own liability insurance as will protect Owner against claims which may arise from operations under the Contract Documents.

5.06 *Property Insurance*

- A. Unless otherwise provided in the Supplementary Conditions, Owner shall purchase and maintain property insurance upon the Work at the Site in the amount of the full replacement cost thereof (subject to such deductible amounts as may be provided in the Supplementary Conditions or required by Laws and Regulations). This insurance shall:
1. include the interests of Owner, Contractor, Subcontractors, and Engineer, and any other individuals or entities identified in the Supplementary Conditions, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, each of whom is deemed to have an insurable interest and shall be listed as a loss payee;
 2. be written on a Builder's Risk "all-risk" policy form that shall at least include insurance for physical loss or damage to the Work, temporary buildings, falsework, and materials and equipment in transit, and shall insure against at least the following perils or causes of loss: fire, lightning,

extended coverage, theft, vandalism and malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of Laws and Regulations, water damage (other than that caused by flood), and such other perils or causes of loss as may be specifically required by the Supplementary Conditions.

3. include expenses incurred in the repair or replacement of any insured property (including but not limited to fees and charges of engineers and architects);
 4. cover materials and equipment stored at the Site or at another location that was agreed to in writing by Owner prior to being incorporated in the Work, provided that such materials and equipment have been included in an Application for Payment recommended by Engineer;
 5. allow for partial utilization of the Work by Owner;
 6. include testing and startup; and
 7. be maintained in effect until final payment is made unless otherwise agreed to in writing by Owner, Contractor, and Engineer with 30 days written notice to each other loss payee to whom a certificate of insurance has been issued.
- B. Owner shall purchase and maintain such equipment breakdown insurance or additional property insurance as may be required by the Supplementary Conditions or Laws and Regulations which will include the interests of Owner, Contractor, Subcontractors, and Engineer, and any other individuals or entities identified in the Supplementary Conditions, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them, each of whom is deemed to have an insurable interest and shall be listed as a loss payee.
- C. All the policies of insurance (and the certificates or other evidence thereof) required to be purchased and maintained in accordance with this Paragraph 5.06 will contain a provision or endorsement that the coverage afforded will not be canceled or materially changed or renewal refused until at least 30 days prior written notice has been given to Owner and Contractor and to each other loss payee to whom a certificate of insurance has been issued and will contain waiver provisions in accordance with Paragraph 5.07.
- D. Owner shall not be responsible for purchasing and maintaining any property insurance specified in this Paragraph 5.06 to protect the interests of Contractor, Subcontractors, or others in the Work to the extent of any deductible amounts that are identified in the Supplementary Conditions. The risk of loss within such identified deductible amount will be borne by Contractor, Subcontractors, or others suffering any such loss, and if any of them wishes property insurance coverage within the limits of such amounts, each may purchase and maintain it at the purchaser's own expense.
- E. If Contractor requests in writing that other special insurance be included in the property insurance policies provided under this Paragraph 5.06, Owner shall, if possible, include such insurance, and the cost thereof will be charged to Contractor by appropriate Change Order. Prior to commencement of the Work at the Site, Owner shall in writing advise Contractor whether or not such other insurance has been procured by Owner.

5.07 *Waiver of Rights*

- A. Owner and Contractor intend that all policies purchased in accordance with Paragraph 5.06 will protect Owner, Contractor, Subcontractors, and Engineer, and all other individuals or entities identified in the Supplementary Conditions as loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) in such policies and will provide primary coverage for all losses and damages caused by the perils or causes of loss covered thereby. All such policies shall contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any of the insureds or loss payees

thereunder. Owner and Contractor waive all rights against each other and their respective officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them for all losses and damages caused by, arising out of or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Subcontractors and Engineer, and all other individuals or entities identified in the Supplementary Conditions as loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) under such policies for losses and damages so caused. None of the above waivers shall extend to the rights that any party making such waiver may have to the proceeds of insurance held by Owner as trustee or otherwise payable under any policy so issued.

- B. Owner waives all rights against Contractor, Subcontractors, and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them for:
 - 1. loss due to business interruption, loss of use, or other consequential loss extending beyond direct physical loss or damage to Owner's property or the Work caused by, arising out of, or resulting from fire or other perils whether or not insured by Owner; and
 - 2. loss or damage to the completed Project or part thereof caused by, arising out of, or resulting from fire or other insured peril or cause of loss covered by any property insurance maintained on the completed Project or part thereof by Owner during partial utilization pursuant to Paragraph 14.05, after Substantial Completion pursuant to Paragraph 14.04, or after final payment pursuant to Paragraph 14.07.
- C. Any insurance policy maintained by Owner covering any loss, damage or consequential loss referred to in Paragraph 5.07.B shall contain provisions to the effect that in the event of payment of any such loss, damage, or consequential loss, the insurers will have no rights of recovery against Contractor, Subcontractors, or Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them.

5.08 *Receipt and Application of Insurance Proceeds*

- A. Any insured loss under the policies of insurance required by Paragraph 5.06 will be adjusted with Owner and made payable to Owner as fiduciary for the loss payees, as their interests may appear, subject to the requirements of any applicable mortgage clause and of Paragraph 5.08.B. Owner shall deposit in a separate account any money so received and shall distribute it in accordance with such agreement as the parties in interest may reach. If no other special agreement is reached, the damaged Work shall be repaired or replaced, the moneys so received applied on account thereof, and the Work and the cost thereof covered by an appropriate Change Order.
- B. Owner as fiduciary shall have power to adjust and settle any loss with the insurers unless one of the parties in interest shall object in writing within 15 days after the occurrence of loss to Owner's exercise of this power. If such objection be made, Owner as fiduciary shall make settlement with the insurers in accordance with such agreement as the parties in interest may reach. If no such agreement among the parties in interest is reached, Owner as fiduciary shall adjust and settle the loss with the insurers and, if required in writing by any party in interest, Owner as fiduciary shall give bond for the proper performance of such duties.

5.09 *Acceptance of Bonds and Insurance; Option to Replace*

- A. If either Owner or Contractor has any objection to the coverage afforded by or other provisions of the bonds or insurance required to be purchased and maintained by the other party in accordance with Article 5 on the basis of non-conformance with the Contract Documents, the objecting party shall so notify the other party in writing within 10 days after receipt of the certificates (or other evidence requested) required by Paragraph 2.01.B. Owner and Contractor shall each provide to the other such

additional information in respect of insurance provided as the other may reasonably request. If either party does not purchase or maintain all of the bonds and insurance required of such party by the Contract Documents, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage. Without prejudice to any other right or remedy, the other party may elect to obtain equivalent bonds or insurance to protect such other party's interests at the expense of the party who was required to provide such coverage, and a Change Order shall be issued to adjust the Contract Price accordingly.

5.10 *Partial Utilization, Acknowledgment of Property Insurer*

- A. If Owner finds it necessary to occupy or use a portion or portions of the Work prior to Substantial Completion of all the Work as provided in Paragraph 14.05, no such use or occupancy shall commence before the insurers providing the property insurance pursuant to Paragraph 5.06 have acknowledged notice thereof and in writing effected any changes in coverage necessitated thereby. The insurers providing the property insurance shall consent by endorsement on the policy or policies, but the property insurance shall not be canceled or permitted to lapse on account of any such partial use or occupancy.

ARTICLE 6 – CONTRACTOR'S RESPONSIBILITIES

6.01 *Supervision and Superintendence*

- A. Contractor shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction. Contractor shall not be responsible for the negligence of Owner or Engineer in the design or specification of a specific means, method, technique, sequence, or procedure of construction which is shown or indicated in and expressly required by the Contract Documents.
- B. At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who shall not be replaced without written notice to Owner and Engineer except under extraordinary circumstances.

6.02 *Labor; Working Hours*

- A. Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. Contractor shall at all times maintain good discipline and order at the Site.
- B. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site shall be performed during regular working hours. Contractor will not permit the performance of Work on a Saturday, Sunday, or any legal holiday without Owner's written consent (which will not be unreasonably withheld) given after prior written notice to Engineer.

6.03 *Services, Materials, and Equipment*

- A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start-up, and completion of the Work.
- B. All materials and equipment incorporated into the Work shall be as specified or, if not specified, shall be of good quality and new, except as otherwise provided in the Contract Documents. All special

warranties and guarantees required by the Specifications shall expressly run to the benefit of Owner. If required by Engineer, Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of materials and equipment.

- C. All materials and equipment shall be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

6.04 *Progress Schedule*

- A. Contractor shall adhere to the Progress Schedule established in accordance with Paragraph 2.07 as it may be adjusted from time to time as provided below.
 - 1. Contractor shall submit to Engineer for acceptance (to the extent indicated in Paragraph 2.07) proposed adjustments in the Progress Schedule that will not result in changing the Contract Times. Such adjustments will comply with any provisions of the General Requirements applicable thereto.
 - 2. Proposed adjustments in the Progress Schedule that will change the Contract Times shall be submitted in accordance with the requirements of Article 12. Adjustments in Contract Times may only be made by a Change Order.

6.05 *Substitutes and "Or-Equals"*

- A. Whenever an item of material or equipment is specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the specification or description is intended to establish the type, function, appearance, and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or "or-equal" item or no substitution is permitted, other items of material or equipment or material or equipment of other Suppliers may be submitted to Engineer for review under the circumstances described below.
 - 1. *"Or-Equal" Items:* If in Engineer's sole discretion an item of material or equipment proposed by Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, it may be considered by Engineer as an "or-equal" item, in which case review and approval of the proposed item may, in Engineer's sole discretion, be accomplished without compliance with some or all of the requirements for approval of proposed substitute items. For the purposes of this Paragraph 6.05.A.1, a proposed item of material or equipment will be considered functionally equal to an item so named if:
 - a. in the exercise of reasonable judgment Engineer determines that:
 - 1) it is at least equal in materials of construction, quality, durability, appearance, strength, and design characteristics;
 - 2) it will reliably perform at least equally well the function and achieve the results imposed by the design concept of the completed Project as a functioning whole; and
 - 3) it has a proven record of performance and availability of responsive service.
 - b. Contractor certifies that, if approved and incorporated into the Work:
 - 1) there will be no increase in cost to the Owner or increase in Contract Times; and
 - 2) it will conform substantially to the detailed requirements of the item named in the Contract Documents.
 - 2. *Substitute Items:*

- a. If in Engineer's sole discretion an item of material or equipment proposed by Contractor does not qualify as an "or-equal" item under Paragraph 6.05.A.1, it will be considered a proposed substitute item.
 - b. Contractor shall submit sufficient information as provided below to allow Engineer to determine if the item of material or equipment proposed is essentially equivalent to that named and an acceptable substitute therefor. Requests for review of proposed substitute items of material or equipment will not be accepted by Engineer from anyone other than Contractor.
 - c. The requirements for review by Engineer will be as set forth in Paragraph 6.05.A.2.d, as supplemented by the General Requirements, and as Engineer may decide is appropriate under the circumstances.
 - d. Contractor shall make written application to Engineer for review of a proposed substitute item of material or equipment that Contractor seeks to furnish or use. The application:
 - 1) shall certify that the proposed substitute item will:
 - a) perform adequately the functions and achieve the results called for by the general design,
 - b) be similar in substance to that specified, and
 - c) be suited to the same use as that specified;
 - 2) will state:
 - a) the extent, if any, to which the use of the proposed substitute item will prejudice Contractor's achievement of Substantial Completion on time,
 - b) whether use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for other work on the Project) to adapt the design to the proposed substitute item, and
 - c) whether incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty;
 - 3) will identify:
 - a) all variations of the proposed substitute item from that specified, and
 - b) available engineering, sales, maintenance, repair, and replacement services; and
 - 4) shall contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including costs of redesign and claims of other contractors affected by any resulting change.
- B. *Substitute Construction Methods or Procedures:* If a specific means, method, technique, sequence, or procedure of construction is expressly required by the Contract Documents, Contractor may furnish or utilize a substitute means, method, technique, sequence, or procedure of construction approved by Engineer. Contractor shall submit sufficient information to allow Engineer, in Engineer's sole discretion, to determine that the substitute proposed is equivalent to that expressly called for by the Contract Documents. The requirements for review by Engineer will be similar to those provided in Paragraph 6.05.A.2.
- C. *Engineer's Evaluation:* Engineer will be allowed a reasonable time within which to evaluate each proposal or submittal made pursuant to Paragraphs 6.05.A and 6.05.B. Engineer may require Contractor to furnish additional data about the proposed substitute item. Engineer will be the sole judge of acceptability. No "or equal" or substitute will be ordered, installed or utilized until Engineer's

review is complete, which will be evidenced by a Change Order in the case of a substitute and an approved Shop Drawing for an “or equal.” Engineer will advise Contractor in writing of any negative determination.

- D. *Special Guarantee:* Owner may require Contractor to furnish at Contractor’s expense a special performance guarantee or other surety with respect to any substitute.
- E. *Engineer’s Cost Reimbursement:* Engineer will record Engineer’s costs in evaluating a substitute proposed or submitted by Contractor pursuant to Paragraphs 6.05.A.2 and 6.05.B. Whether or not Engineer approves a substitute so proposed or submitted by Contractor, Contractor shall reimburse Owner for the reasonable charges of Engineer for evaluating each such proposed substitute. Contractor shall also reimburse Owner for the reasonable charges of Engineer for making changes in the Contract Documents (or in the provisions of any other direct contract with Owner) resulting from the acceptance of each proposed substitute.
- F. *Contractor’s Expense:* Contractor shall provide all data in support of any proposed substitute or “or-equal” at Contractor’s expense.

6.06 *Concerning Subcontractors, Suppliers, and Others*

- A. Contractor shall not employ any Subcontractor, Supplier, or other individual or entity (including those acceptable to Owner as indicated in Paragraph 6.06.B), whether initially or as a replacement, against whom Owner may have reasonable objection. Contractor shall not be required to employ any Subcontractor, Supplier, or other individual or entity to furnish or perform any of the Work against whom Contractor has reasonable objection.
- B. If the Supplementary Conditions require the identity of certain Subcontractors, Suppliers, or other individuals or entities to be submitted to Owner in advance for acceptance by Owner by a specified date prior to the Effective Date of the Agreement, and if Contractor has submitted a list thereof in accordance with the Supplementary Conditions, Owner’s acceptance (either in writing or by failing to make written objection thereto by the date indicated for acceptance or objection in the Bidding Documents or the Contract Documents) of any such Subcontractor, Supplier, or other individual or entity so identified may be revoked on the basis of reasonable objection after due investigation. Contractor shall submit an acceptable replacement for the rejected Subcontractor, Supplier, or other individual or entity, and the Contract Price will be adjusted by the difference in the cost occasioned by such replacement, and an appropriate Change Order will be issued. No acceptance by Owner of any such Subcontractor, Supplier, or other individual or entity, whether initially or as a replacement, shall constitute a waiver of any right of Owner or Engineer to reject defective Work.
- C. Contractor shall be fully responsible to Owner and Engineer for all acts and omissions of the Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work just as Contractor is responsible for Contractor’s own acts and omissions. Nothing in the Contract Documents:
 - 1. shall create for the benefit of any such Subcontractor, Supplier, or other individual or entity any contractual relationship between Owner or Engineer and any such Subcontractor, Supplier or other individual or entity; nor
 - 2. shall create any obligation on the part of Owner or Engineer to pay or to see to the payment of any moneys due any such Subcontractor, Supplier, or other individual or entity except as may otherwise be required by Laws and Regulations.
- D. Contractor shall be solely responsible for scheduling and coordinating the Work of Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work under a direct or indirect contract with Contractor.

- E. Contractor shall require all Subcontractors, Suppliers, and such other individuals or entities performing or furnishing any of the Work to communicate with Engineer through Contractor.
- F. The divisions and sections of the Specifications and the identifications of any Drawings shall not control Contractor in dividing the Work among Subcontractors or Suppliers or delineating the Work to be performed by any specific trade.
- G. All Work performed for Contractor by a Subcontractor or Supplier will be pursuant to an appropriate agreement between Contractor and the Subcontractor or Supplier which specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract Documents for the benefit of Owner and Engineer. Whenever any such agreement is with a Subcontractor or Supplier who is listed as a loss payee on the property insurance provided in Paragraph 5.06, the agreement between the Contractor and the Subcontractor or Supplier will contain provisions whereby the Subcontractor or Supplier waives all rights against Owner, Contractor, Engineer, and all other individuals or entities identified in the Supplementary Conditions to be listed as insureds or loss payees (and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them) for all losses and damages caused by, arising out of, relating to, or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work. If the insurers on any such policies require separate waiver forms to be signed by any Subcontractor or Supplier, Contractor will obtain the same.

6.07 *Patent Fees and Royalties*

- A. Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others. If a particular invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if, to the actual knowledge of Owner or Engineer, its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by Owner in the Contract Documents.
- B. To the fullest extent permitted by Laws and Regulations, Owner shall indemnify and hold harmless Contractor, and its officers, directors, members, partners, employees, agents, consultants, and subcontractors from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device specified in the Contract Documents, but not identified as being subject to payment of any license fee or royalty to others required by patent rights or copyrights.
- C. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

6.08 *Permits*

- A. Unless otherwise provided in the Supplementary Conditions, Contractor shall obtain and pay for all construction permits and licenses. Owner shall assist Contractor, when necessary, in obtaining such permits and licenses. Contractor shall pay all governmental charges and inspection fees necessary for

the prosecution of the Work which are applicable at the time of opening of Bids, or, if there are no Bids, on the Effective Date of the Agreement. Owner shall pay all charges of utility owners for connections for providing permanent service to the Work.

6.09 *Laws and Regulations*

- A. Contractor shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of the Work. Except where otherwise expressly required by applicable Laws and Regulations, neither Owner nor Engineer shall be responsible for monitoring Contractor's compliance with any Laws or Regulations.
- B. If Contractor performs any Work knowing or having reason to know that it is contrary to Laws or Regulations, Contractor shall bear all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such Work. However, it shall not be Contractor's responsibility to make certain that the Specifications and Drawings are in accordance with Laws and Regulations, but this shall not relieve Contractor of Contractor's obligations under Paragraph 3.03.
- C. Changes in Laws or Regulations not known at the time of opening of Bids (or, on the Effective Date of the Agreement if there were no Bids) having an effect on the cost or time of performance of the Work shall be the subject of an adjustment in Contract Price or Contract Times. If Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment, a Claim may be made therefor as provided in Paragraph 10.05.

6.10 *Taxes*

- A. Contractor shall pay all sales, consumer, use, and other similar taxes required to be paid by Contractor in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.

6.11 *Use of Site and Other Areas*

- A. Limitation on Use of Site and Other Areas:
 - 1. Contractor shall confine construction equipment, the storage of materials and equipment, and the operations of workers to the Site and other areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and other areas with construction equipment or other materials or equipment. Contractor shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof, or of any adjacent land or areas resulting from the performance of the Work.
 - 2. Should any claim be made by any such owner or occupant because of the performance of the Work, Contractor shall promptly settle with such other party by negotiation or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law.
 - 3. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against Owner, Engineer, or any other party indemnified hereunder to the extent caused by or based upon Contractor's performance of the Work.

- B. Removal of Debris During Performance of the Work: During the progress of the Work Contractor shall keep the Site and other areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris shall conform to applicable Laws and Regulations.
- C. Cleaning: Prior to Substantial Completion of the Work Contractor shall clean the Site and the Work and make it ready for utilization by Owner. At the completion of the Work Contractor shall remove from the Site all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.
- D. Loading Structures: Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Contractor subject any part of the Work or adjacent property to stresses or pressures that will endanger it.

6.12 *Record Documents*

- A. Contractor shall maintain in a safe place at the Site one record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, and written interpretations and clarifications in good order and annotated to show changes made during construction. These record documents together with all approved Samples and a counterpart of all approved Shop Drawings will be available to Engineer for reference. Upon completion of the Work, these record documents, Samples, and Shop Drawings will be delivered to Engineer for Owner.

6.13 *Safety and Protection*

- A. Contractor shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. Such responsibility does not relieve Subcontractors of their responsibility for the safety of persons or property in the performance of their work, nor for compliance with applicable safety Laws and Regulations. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:
 - 1. all persons on the Site or who may be affected by the Work;
 - 2. all the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
 - 3. other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.
- B. Contractor shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection. Contractor shall notify owners of adjacent property and of Underground Facilities and other utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property.
- C. Contractor shall comply with the applicable requirements of Owner's safety programs, if any. The Supplementary Conditions identify any Owner's safety programs that are applicable to the Work.
- D. Contractor shall inform Owner and Engineer of the specific requirements of Contractor's safety program with which Owner's and Engineer's employees and representatives must comply while at the Site.
- E. All damage, injury, or loss to any property referred to in Paragraph 6.13.A.2 or 6.13.A.3 caused, directly or indirectly, in whole or in part, by Contractor, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose

acts any of them may be liable, shall be remedied by Contractor (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of Owner or Engineer or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them).

- F. Contractor's duties and responsibilities for safety and for protection of the Work shall continue until such time as all the Work is completed and Engineer has issued a notice to Owner and Contractor in accordance with Paragraph 14.07.B that the Work is acceptable (except as otherwise expressly provided in connection with Substantial Completion).

6.14 *Safety Representative*

- A. Contractor shall designate a qualified and experienced safety representative at the Site whose duties and responsibilities shall be the prevention of accidents and the maintaining and supervising of safety precautions and programs.

6.15 *Hazard Communication Programs*

- A. Contractor shall be responsible for coordinating any exchange of material safety data sheets or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with Laws or Regulations.

6.16 *Emergencies*

- A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, Contractor is obligated to act to prevent threatened damage, injury, or loss. Contractor shall give Engineer prompt written notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby or are required as a result thereof. If Engineer determines that a change in the Contract Documents is required because of the action taken by Contractor in response to such an emergency, a Work Change Directive or Change Order will be issued.

6.17 *Shop Drawings and Samples*

- A. Contractor shall submit Shop Drawings and Samples to Engineer for review and approval in accordance with the accepted Schedule of Submittals (as required by Paragraph 2.07). Each submittal will be identified as Engineer may require.
 - 1. *Shop Drawings:*
 - a. Submit number of copies specified in the General Requirements.
 - b. Data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show Engineer the services, materials, and equipment Contractor proposes to provide and to enable Engineer to review the information for the limited purposes required by Paragraph 6.17.D.
 - 2. *Samples:*
 - a. Submit number of Samples specified in the Specifications.
 - b. Clearly identify each Sample as to material, Supplier, pertinent data such as catalog numbers, the use for which intended and other data as Engineer may require to enable Engineer to review the submittal for the limited purposes required by Paragraph 6.17.D.

- B. Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to Engineer's review and approval of the pertinent submittal will be at the sole expense and responsibility of Contractor.
- C. Submittal Procedures:
1. Before submitting each Shop Drawing or Sample, Contractor shall have:
 - a. reviewed and coordinated each Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents;
 - b. determined and verified all field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto;
 - c. determined and verified the suitability of all materials offered with respect to the indicated application, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work; and
 - d. determined and verified all information relative to Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto.
 2. Each submittal shall bear a stamp or specific written certification that Contractor has satisfied Contractor's obligations under the Contract Documents with respect to Contractor's review and approval of that submittal.
 3. With each submittal, Contractor shall give Engineer specific written notice of any variations that the Shop Drawing or Sample may have from the requirements of the Contract Documents. This notice shall be both a written communication separate from the Shop Drawings or Sample submittal; and, in addition, by a specific notation made on each Shop Drawing or Sample submitted to Engineer for review and approval of each such variation.
- D. Engineer's Review:
1. Engineer will provide timely review of Shop Drawings and Samples in accordance with the Schedule of Submittals acceptable to Engineer. Engineer's review and approval will be only to determine if the items covered by the submittals will, after installation or incorporation in the Work, conform to the information given in the Contract Documents and be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.
 2. Engineer's review and approval will not extend to means, methods, techniques, sequences, or procedures of construction (except where a particular means, method, technique, sequence, or procedure of construction is specifically and expressly called for by the Contract Documents) or to safety precautions or programs incident thereto. The review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.
 3. Engineer's review and approval shall not relieve Contractor from responsibility for any variation from the requirements of the Contract Documents unless Contractor has complied with the requirements of Paragraph 6.17.C.3 and Engineer has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. Engineer's review and approval shall not relieve Contractor from responsibility for complying with the requirements of Paragraph 6.17.C.1.
- E. Resubmittal Procedures:
1. Contractor shall make corrections required by Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval.

Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous submittals.

6.18 *Continuing the Work*

- A. Contractor shall carry on the Work and adhere to the Progress Schedule during all disputes or disagreements with Owner. No Work shall be delayed or postponed pending resolution of any disputes or disagreements, except as permitted by Paragraph 15.04 or as Owner and Contractor may otherwise agree in writing.

6.19 *Contractor's General Warranty and Guarantee*

- A. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective. Engineer and its officers, directors, members, partners, employees, agents, consultants, and subcontractors shall be entitled to rely on representation of Contractor's warranty and guarantee.
- B. Contractor's warranty and guarantee hereunder excludes defects or damage caused by:
 - 1. abuse, modification, or improper maintenance or operation by persons other than Contractor, Subcontractors, Suppliers, or any other individual or entity for whom Contractor is responsible; or
 - 2. normal wear and tear under normal usage.
- C. Contractor's obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents or a release of Contractor's obligation to perform the Work in accordance with the Contract Documents:
 - 1. observations by Engineer;
 - 2. recommendation by Engineer or payment by Owner of any progress or final payment;
 - 3. the issuance of a certificate of Substantial Completion by Engineer or any payment related thereto by Owner;
 - 4. use or occupancy of the Work or any part thereof by Owner;
 - 5. any review and approval of a Shop Drawing or Sample submittal or the issuance of a notice of acceptability by Engineer;
 - 6. any inspection, test, or approval by others; or
 - 7. any correction of defective Work by Owner.

6.20 *Indemnification*

- A. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of the Work, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work or anyone for whose acts any of them may be liable .

- B. In any and all claims against Owner or Engineer or any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors by any employee (or the survivor or personal representative of such employee) of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 6.20.A shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor or any such Subcontractor, Supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.
- C. The indemnification obligations of Contractor under Paragraph 6.20.A shall not extend to the liability of Engineer and Engineer's officers, directors, members, partners, employees, agents, consultants and subcontractors arising out of:
 - 1. the preparation or approval of, or the failure to prepare or approve maps, Drawings, opinions, reports, surveys, Change Orders, designs, or Specifications; or
 - 2. giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage.

6.21 *Delegation of Professional Design Services*

- A. Contractor will not be required to provide professional design services unless such services are specifically required by the Contract Documents for a portion of the Work or unless such services are required to carry out Contractor's responsibilities for construction means, methods, techniques, sequences and procedures. Contractor shall not be required to provide professional services in violation of applicable law.
- B. If professional design services or certifications by a design professional related to systems, materials or equipment are specifically required of Contractor by the Contract Documents, Owner and Engineer will specify all performance and design criteria that such services must satisfy. Contractor shall cause such services or certifications to be provided by a properly licensed professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, Shop Drawings and other submittals prepared by such professional. Shop Drawings and other submittals related to the Work designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to Engineer.
- C. Owner and Engineer shall be entitled to rely upon the adequacy, accuracy and completeness of the services, certifications or approvals performed by such design professionals, provided Owner and Engineer have specified to Contractor all performance and design criteria that such services must satisfy.
- D. Pursuant to this Paragraph 6.21, Engineer's review and approval of design calculations and design drawings will be only for the limited purpose of checking for conformance with performance and design criteria given and the design concept expressed in the Contract Documents. Engineer's review and approval of Shop Drawings and other submittals (except design calculations and design drawings) will be only for the purpose stated in Paragraph 6.17.D.1.
- E. Contractor shall not be responsible for the adequacy of the performance or design criteria required by the Contract Documents.

ARTICLE 7 – OTHER WORK AT THE SITE

7.01 *Related Work at Site*

- A. Owner may perform other work related to the Project at the Site with Owner's employees, or through other direct contracts therefor, or have other work performed by utility owners. If such other work is not noted in the Contract Documents, then:
 - 1. written notice thereof will be given to Contractor prior to starting any such other work; and
 - 2. if Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times that should be allowed as a result of such other work, a Claim may be made therefor as provided in Paragraph 10.05.
- B. Contractor shall afford each other contractor who is a party to such a direct contract, each utility owner, and Owner, if Owner is performing other work with Owner's employees, proper and safe access to the Site, provide a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such other work, and properly coordinate the Work with theirs. Contractor shall do all cutting, fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. Contractor shall not endanger any work of others by cutting, excavating, or otherwise altering such work; provided, however, that Contractor may cut or alter others' work with the written consent of Engineer and the others whose work will be affected. The duties and responsibilities of Contractor under this Paragraph are for the benefit of such utility owners and other contractors to the extent that there are comparable provisions for the benefit of Contractor in said direct contracts between Owner and such utility owners and other contractors.
- C. If the proper execution or results of any part of Contractor's Work depends upon work performed by others under this Article 7, Contractor shall inspect such other work and promptly report to Engineer in writing any delays, defects, or deficiencies in such other work that render it unavailable or unsuitable for the proper execution and results of Contractor's Work. Contractor's failure to so report will constitute an acceptance of such other work as fit and proper for integration with Contractor's Work except for latent defects and deficiencies in such other work.

7.02 *Coordination*

- A. If Owner intends to contract with others for the performance of other work on the Project at the Site, the following will be set forth in Supplementary Conditions:
 - 1. the individual or entity who will have authority and responsibility for coordination of the activities among the various contractors will be identified;
 - 2. the specific matters to be covered by such authority and responsibility will be itemized; and
 - 3. the extent of such authority and responsibilities will be provided.
- B. Unless otherwise provided in the Supplementary Conditions, Owner shall have sole authority and responsibility for such coordination.

7.03 *Legal Relationships*

- A. Paragraphs 7.01.A and 7.02 are not applicable for utilities not under the control of Owner.
- B. Each other direct contract of Owner under Paragraph 7.01.A shall provide that the other contractor is liable to Owner and Contractor for the reasonable direct delay and disruption costs incurred by Contractor as a result of the other contractor's wrongful actions or inactions.

- C. Contractor shall be liable to Owner and any other contractor under direct contract to Owner for the reasonable direct delay and disruption costs incurred by such other contractor as a result of Contractor's wrongful action or inactions.

ARTICLE 8 – OWNER'S RESPONSIBILITIES

8.01 *Communications to Contractor*

- A. Except as otherwise provided in these General Conditions, Owner shall issue all communications to Contractor through Engineer.

8.02 *Replacement of Engineer*

- A. In case of termination of the employment of Engineer, Owner shall appoint an engineer to whom Contractor makes no reasonable objection, whose status under the Contract Documents shall be that of the former Engineer.

8.03 *Furnish Data*

- A. Owner shall promptly furnish the data required of Owner under the Contract Documents.

8.04 *Pay When Due*

- A. Owner shall make payments to Contractor when they are due as provided in Paragraphs 14.02.C and 14.07.C.

8.05 *Lands and Easements; Reports and Tests*

- A. Owner's duties with respect to providing lands and easements and providing engineering surveys to establish reference points are set forth in Paragraphs 4.01 and 4.05. Paragraph 4.02 refers to Owner's identifying and making available to Contractor copies of reports of explorations and tests of subsurface conditions and drawings of physical conditions relating to existing surface or subsurface structures at the Site.

8.06 *Insurance*

- A. Owner's responsibilities, if any, with respect to purchasing and maintaining liability and property insurance are set forth in Article 5.

8.07 *Change Orders*

- A. Owner is obligated to execute Change Orders as indicated in Paragraph 10.03.

8.08 *Inspections, Tests, and Approvals*

- A. Owner's responsibility with respect to certain inspections, tests, and approvals is set forth in Paragraph 13.03.B.

8.09 *Limitations on Owner's Responsibilities*

- A. The Owner shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Owner will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

8.10 *Undisclosed Hazardous Environmental Condition*

- A. Owner's responsibility in respect to an undisclosed Hazardous Environmental Condition is set forth in Paragraph 4.06.

8.11 *Evidence of Financial Arrangements*

- A. Upon request of Contractor, Owner shall furnish Contractor reasonable evidence that financial arrangements have been made to satisfy Owner's obligations under the Contract Documents.

8.12 *Compliance with Safety Program*

- A. While at the Site, Owner's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Owner has been informed pursuant to Paragraph 6.13.D.

ARTICLE 9 – ENGINEER'S STATUS DURING CONSTRUCTION

9.01 *Owner's Representative*

- A. Engineer will be Owner's representative during the construction period. The duties and responsibilities and the limitations of authority of Engineer as Owner's representative during construction are set forth in the Contract Documents.

9.02 *Visits to Site*

- A. Engineer will make visits to the Site at intervals appropriate to the various stages of construction as Engineer deems necessary in order to observe as an experienced and qualified design professional the progress that has been made and the quality of the various aspects of Contractor's executed Work. Based on information obtained during such visits and observations, Engineer, for the benefit of Owner, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. Engineer will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. Engineer's efforts will be directed toward providing for Owner a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and observations, Engineer will keep Owner informed of the progress of the Work and will endeavor to guard Owner against defective Work.
- B. Engineer's visits and observations are subject to all the limitations on Engineer's authority and responsibility set forth in Paragraph 9.09. Particularly, but without limitation, during or as a result of Engineer's visits or observations of Contractor's Work, Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work.

9.03 *Project Representative*

- A. If Owner and Engineer agree, Engineer will furnish a Resident Project Representative to assist Engineer in providing more extensive observation of the Work. The authority and responsibilities of any such Resident Project Representative and assistants will be as provided in the Supplementary Conditions, and limitations on the responsibilities thereof will be as provided in Paragraph 9.09. If Owner designates another representative or agent to represent Owner at the Site who is not Engineer's consultant, agent or employee, the responsibilities and authority and limitations thereon of such other individual or entity will be as provided in the Supplementary Conditions.

9.04 *Authorized Variations in Work*

- A. Engineer may authorize minor variations in the Work from the requirements of the Contract Documents which do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. These may be accomplished by a Field Order and will be binding on Owner and also on Contractor, who shall perform the Work involved promptly. If Owner or Contractor believes

that a Field Order justifies an adjustment in the Contract Price or Contract Times, or both, and the parties are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment, a Claim may be made therefor as provided in Paragraph 10.05.

9.05 *Rejecting Defective Work*

- A. Engineer will have authority to reject Work which Engineer believes to be defective, or that Engineer believes will not produce a completed Project that conforms to the Contract Documents or that will prejudice the integrity of the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Engineer will also have authority to require special inspection or testing of the Work as provided in Paragraph 13.04, whether or not the Work is fabricated, installed, or completed.

9.06 *Shop Drawings, Change Orders and Payments*

- A. In connection with Engineer's authority, and limitations thereof, as to Shop Drawings and Samples, see Paragraph 6.17.
- B. In connection with Engineer's authority, and limitations thereof, as to design calculations and design drawings submitted in response to a delegation of professional design services, if any, see Paragraph 6.21.
- C. In connection with Engineer's authority as to Change Orders, see Articles 10, 11, and 12.
- D. In connection with Engineer's authority as to Applications for Payment, see Article 14.

9.07 *Determinations for Unit Price Work*

- A. Engineer will determine the actual quantities and classifications of Unit Price Work performed by Contractor. Engineer will review with Contractor the Engineer's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). Engineer's written decision thereon will be final and binding (except as modified by Engineer to reflect changed factual conditions or more accurate data) upon Owner and Contractor, subject to the provisions of Paragraph 10.05.

9.08 *Decisions on Requirements of Contract Documents and Acceptability of Work*

- A. Engineer will be the initial interpreter of the requirements of the Contract Documents and judge of the acceptability of the Work thereunder. All matters in question and other matters between Owner and Contractor arising prior to the date final payment is due relating to the acceptability of the Work, and the interpretation of the requirements of the Contract Documents pertaining to the performance of the Work, will be referred initially to Engineer in writing within 30 days of the event giving rise to the question.
- B. Engineer will, with reasonable promptness, render a written decision on the issue referred. If Owner or Contractor believes that any such decision entitles them to an adjustment in the Contract Price or Contract Times or both, a Claim may be made under Paragraph 10.05. The date of Engineer's decision shall be the date of the event giving rise to the issues referenced for the purposes of Paragraph 10.05.B.
- C. Engineer's written decision on the issue referred will be final and binding on Owner and Contractor, subject to the provisions of Paragraph 10.05.
- D. When functioning as interpreter and judge under this Paragraph 9.08, Engineer will not show partiality to Owner or Contractor and will not be liable in connection with any interpretation or decision rendered in good faith in such capacity.

9.09 *Limitations on Engineer's Authority and Responsibilities*

- A. Neither Engineer's authority or responsibility under this Article 9 or under any other provision of the Contract Documents nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by Engineer shall create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.
- B. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of Contractor to comply with Laws and Regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.
- C. Engineer will not be responsible for the acts or omissions of Contractor or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.
- D. Engineer's review of the final Application for Payment and accompanying documentation and all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by Paragraph 14.07.A will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests, and approvals that the results certified indicate compliance with, the Contract Documents.
- E. The limitations upon authority and responsibility set forth in this Paragraph 9.09 shall also apply to the Resident Project Representative, if any, and assistants, if any.

9.10 *Compliance with Safety Program*

- A. While at the Site, Engineer's employees and representatives shall comply with the specific applicable requirements of Contractor's safety programs of which Engineer has been informed pursuant to Paragraph 6.13.D.

ARTICLE 10 – CHANGES IN THE WORK; CLAIMS

10.01 *Authorized Changes in the Work*

- A. Without invalidating the Contract and without notice to any surety, Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work by a Change Order, or a Work Change Directive. Upon receipt of any such document, Contractor shall promptly proceed with the Work involved which will be performed under the applicable conditions of the Contract Documents (except as otherwise specifically provided).
- B. If Owner and Contractor are unable to agree on entitlement to, or on the amount or extent, if any, of an adjustment in the Contract Price or Contract Times, or both, that should be allowed as a result of a Work Change Directive, a Claim may be made therefor as provided in Paragraph 10.05.

10.02 *Unauthorized Changes in the Work*

- A. Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents as amended, modified, or supplemented as provided in Paragraph 3.04, except in the case of an emergency as provided in Paragraph 6.16 or in the case of uncovering Work as provided in Paragraph 13.04.D.

10.03 *Execution of Change Orders*

- A. Owner and Contractor shall execute appropriate Change Orders recommended by Engineer covering:
 - 1. changes in the Work which are: (i) ordered by Owner pursuant to Paragraph 10.01.A, (ii) required because of acceptance of defective Work under Paragraph 13.08.A or Owner's correction of defective Work under Paragraph 13.09, or (iii) agreed to by the parties;
 - 2. changes in the Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive; and
 - 3. changes in the Contract Price or Contract Times which embody the substance of any written decision rendered by Engineer pursuant to Paragraph 10.05; provided that, in lieu of executing any such Change Order, an appeal may be taken from any such decision in accordance with the provisions of the Contract Documents and applicable Laws and Regulations, but during any such appeal, Contractor shall carry on the Work and adhere to the Progress Schedule as provided in Paragraph 6.18.A.

10.04 *Notification to Surety*

- A. If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

10.05 *Claims*

- A. Engineer's Decision Required: All Claims, except those waived pursuant to Paragraph 14.09, shall be referred to the Engineer for decision. A decision by Engineer shall be required as a condition precedent to any exercise by Owner or Contractor of any rights or remedies either may otherwise have under the Contract Documents or by Laws and Regulations in respect of such Claims.
- B. Notice: Written notice stating the general nature of each Claim shall be delivered by the claimant to Engineer and the other party to the Contract promptly (but in no event later than 30 days) after the start of the event giving rise thereto. The responsibility to substantiate a Claim shall rest with the party making the Claim. Notice of the amount or extent of the Claim, with supporting data shall be delivered to the Engineer and the other party to the Contract within 60 days after the start of such event (unless Engineer allows additional time for claimant to submit additional or more accurate data in support of such Claim). A Claim for an adjustment in Contract Price shall be prepared in accordance with the provisions of Paragraph 12.01.B. A Claim for an adjustment in Contract Times shall be prepared in accordance with the provisions of Paragraph 12.02.B. Each Claim shall be accompanied by claimant's written statement that the adjustment claimed is the entire adjustment to which the claimant believes it is entitled as a result of said event. The opposing party shall submit any response to Engineer and the claimant within 30 days after receipt of the claimant's last submittal (unless Engineer allows additional time).
- C. Engineer's Action: Engineer will review each Claim and, within 30 days after receipt of the last submittal of the claimant or the last submittal of the opposing party, if any, take one of the following actions in writing:
 - 1. deny the Claim in whole or in part;
 - 2. approve the Claim; or

3. notify the parties that the Engineer is unable to resolve the Claim if, in the Engineer's sole discretion, it would be inappropriate for the Engineer to do so. For purposes of further resolution of the Claim, such notice shall be deemed a denial.
- D. In the event that Engineer does not take action on a Claim within said 30 days, the Claim shall be deemed denied.
- E. Engineer's written action under Paragraph 10.05.C or denial pursuant to Paragraphs 10.05.C.3 or 10.05.D will be final and binding upon Owner and Contractor, unless Owner or Contractor invoke the dispute resolution procedure set forth in Article 16 within 30 days of such action or denial.
- F. No Claim for an adjustment in Contract Price or Contract Times will be valid if not submitted in accordance with this Paragraph 10.05.

ARTICLE 11 – COST OF THE WORK; ALLOWANCES; UNIT PRICE WORK

11.01 *Cost of the Work*

- A. **Costs Included:** The term Cost of the Work means the sum of all costs, except those excluded in Paragraph 11.01.B, necessarily incurred and paid by Contractor in the proper performance of the Work. When the value of any Work covered by a Change Order or when a Claim for an adjustment in Contract Price is determined on the basis of Cost of the Work, the costs to be reimbursed to Contractor will be only those additional or incremental costs required because of the change in the Work or because of the event giving rise to the Claim. Except as otherwise may be agreed to in writing by Owner, such costs shall be in amounts no higher than those prevailing in the locality of the Project, shall not include any of the costs itemized in Paragraph 11.01.B, and shall include only the following items:
 1. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by Owner and Contractor. Such employees shall include, without limitation, superintendents, foremen, and other personnel employed full time on the Work. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits, which shall include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, bonuses, sick leave, vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, shall be included in the above to the extent authorized by Owner.
 2. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts shall accrue to Contractor unless Owner deposits funds with Contractor with which to make payments, in which case the cash discounts shall accrue to Owner. All trade discounts, rebates and refunds and returns from sale of surplus materials and equipment shall accrue to Owner, and Contractor shall make provisions so that they may be obtained.
 3. Payments made by Contractor to Subcontractors for Work performed by Subcontractors. If required by Owner, Contractor shall obtain competitive bids from subcontractors acceptable to Owner and Contractor and shall deliver such bids to Owner, who will then determine, with the advice of Engineer, which bids, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee shall be determined in the same manner as Contractor's Cost of the Work and fee as provided in this Paragraph 11.01.
 4. Costs of special consultants (including but not limited to engineers, architects, testing laboratories, surveyors, attorneys, and accountants) employed for services specifically related to the Work.

5. Supplemental costs including the following:

- a. The proportion of necessary transportation, travel, and subsistence expenses of Contractor's employees incurred in discharge of duties connected with the Work.
- b. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of Contractor.
- c. Rentals of all construction equipment and machinery, and the parts thereof whether rented from Contractor or others in accordance with rental agreements approved by Owner with the advice of Engineer, and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs shall be in accordance with the terms of said rental agreements. The rental of any such equipment, machinery, or parts shall cease when the use thereof is no longer necessary for the Work.
- d. Sales, consumer, use, and other similar taxes related to the Work, and for which Contractor is liable, as imposed by Laws and Regulations.
- e. Deposits lost for causes other than negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.
- f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by Contractor in connection with the performance of the Work (except losses and damages within the deductible amounts of property insurance established in accordance with Paragraph 5.06.D), provided such losses and damages have resulted from causes other than the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of Owner. No such losses, damages, and expenses shall be included in the Cost of the Work for the purpose of determining Contractor's fee.
- g. The cost of utilities, fuel, and sanitary facilities at the Site.
- h. Minor expenses such as telegrams, long distance telephone calls, telephone service at the Site, express and courier services, and similar petty cash items in connection with the Work.
- i. The costs of premiums for all bonds and insurance Contractor is required by the Contract Documents to purchase and maintain.

B. Costs Excluded: The term Cost of the Work shall not include any of the following items:

1. Payroll costs and other compensation of Contractor's officers, executives, principals (of partnerships and sole proprietorships), general managers, safety managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by Contractor, whether at the Site or in Contractor's principal or branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 11.01.A.1 or specifically covered by Paragraph 11.01.A.4, all of which are to be considered administrative costs covered by the Contractor's fee.
2. Expenses of Contractor's principal and branch offices other than Contractor's office at the Site.
3. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.

4. Costs due to the negligence of Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.
 5. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraphs 11.01.A.
- C. Contractor's Fee: When all the Work is performed on the basis of cost-plus, Contractor's fee shall be determined as set forth in the Agreement. When the value of any Work covered by a Change Order or when a Claim for an adjustment in Contract Price is determined on the basis of Cost of the Work, Contractor's fee shall be determined as set forth in Paragraph 12.01.C.
- D. Documentation: Whenever the Cost of the Work for any purpose is to be determined pursuant to Paragraphs 11.01.A and 11.01.B, Contractor will establish and maintain records thereof in accordance with generally accepted accounting practices and submit in a form acceptable to Engineer an itemized cost breakdown together with supporting data.

11.02 Allowances

- A. It is understood that Contractor has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums and by such persons or entities as may be acceptable to Owner and Engineer.
- B. Cash Allowances:
1. Contractor agrees that:
 - a. the cash allowances include the cost to Contractor (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the Site, and all applicable taxes; and
 - b. Contractor's costs for unloading and handling on the Site, labor, installation, overhead, profit, and other expenses contemplated for the cash allowances have been included in the Contract Price and not in the allowances, and no demand for additional payment on account of any of the foregoing will be valid.
- C. Contingency Allowance:
1. Contractor agrees that a contingency allowance, if any, is for the sole use of Owner to cover unanticipated costs.
- D. Prior to final payment, an appropriate Change Order will be issued as recommended by Engineer to reflect actual amounts due Contractor on account of Work covered by allowances, and the Contract Price shall be correspondingly adjusted.

11.03 Unit Price Work

- A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement.
- B. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of comparison of Bids and determining an initial Contract Price. Determinations of the actual quantities and classifications of Unit Price Work performed by Contractor will be made by Engineer subject to the provisions of Paragraph 9.07.

- C. Each unit price will be deemed to include an amount considered by Contractor to be adequate to cover Contractor's overhead and profit for each separately identified item.
- D. Owner or Contractor may make a Claim for an adjustment in the Contract Price in accordance with Paragraph 10.05 if:
 - 1. the quantity of any item of Unit Price Work performed by Contractor differs materially and significantly from the estimated quantity of such item indicated in the Agreement; and
 - 2. there is no corresponding adjustment with respect to any other item of Work; and
 - 3. Contractor believes that Contractor is entitled to an increase in Contract Price as a result of having incurred additional expense or Owner believes that Owner is entitled to a decrease in Contract Price and the parties are unable to agree as to the amount of any such increase or decrease.

ARTICLE 12 – CHANGE OF CONTRACT PRICE; CHANGE OF CONTRACT TIMES

12.01 *Change of Contract Price*

- A. The Contract Price may only be changed by a Change Order. Any Claim for an adjustment in the Contract Price shall be based on written notice submitted by the party making the Claim to the Engineer and the other party to the Contract in accordance with the provisions of Paragraph 10.05.
- B. The value of any Work covered by a Change Order or of any Claim for an adjustment in the Contract Price will be determined as follows:
 - 1. where the Work involved is covered by unit prices contained in the Contract Documents, by application of such unit prices to the quantities of the items involved (subject to the provisions of Paragraph 11.03); or
 - 2. where the Work involved is not covered by unit prices contained in the Contract Documents, by a mutually agreed lump sum (which may include an allowance for overhead and profit not necessarily in accordance with Paragraph 12.01.C.2); or
 - 3. where the Work involved is not covered by unit prices contained in the Contract Documents and agreement to a lump sum is not reached under Paragraph 12.01.B.2, on the basis of the Cost of the Work (determined as provided in Paragraph 11.01) plus a Contractor's fee for overhead and profit (determined as provided in Paragraph 12.01.C).
- C. Contractor's Fee: The Contractor's fee for overhead and profit shall be determined as follows:
 - 1. a mutually acceptable fixed fee; or
 - 2. if a fixed fee is not agreed upon, then a fee based on the following percentages of the various portions of the Cost of the Work:
 - a. for costs incurred under Paragraphs 11.01.A.1 and 11.01.A.2, the Contractor's fee shall be 15 percent;
 - b. for costs incurred under Paragraph 11.01.A.3, the Contractor's fee shall be five percent;
 - c. where one or more tiers of subcontracts are on the basis of Cost of the Work plus a fee and no fixed fee is agreed upon, the intent of Paragraphs 12.01.C.2.a and 12.01.C.2.b is that the Subcontractor who actually performs the Work, at whatever tier, will be paid a fee of 15 percent of the costs incurred by such Subcontractor under Paragraphs 11.01.A.1 and 11.01.A.2 and that any higher tier Subcontractor and Contractor will each be paid a fee of five percent of the amount paid to the next lower tier Subcontractor;

- d. no fee shall be payable on the basis of costs itemized under Paragraphs 11.01.A.4, 11.01.A.5, and 11.01.B;
- e. the amount of credit to be allowed by Contractor to Owner for any change which results in a net decrease in cost will be the amount of the actual net decrease in cost plus a deduction in Contractor's fee by an amount equal to five percent of such net decrease; and
- f. when both additions and credits are involved in any one change, the adjustment in Contractor's fee shall be computed on the basis of the net change in accordance with Paragraphs 12.01.C.2.a through 12.01.C.2.e, inclusive.

12.02 *Change of Contract Times*

- A. The Contract Times may only be changed by a Change Order. Any Claim for an adjustment in the Contract Times shall be based on written notice submitted by the party making the Claim to the Engineer and the other party to the Contract in accordance with the provisions of Paragraph 10.05.
- B. Any adjustment of the Contract Times covered by a Change Order or any Claim for an adjustment in the Contract Times will be determined in accordance with the provisions of this Article 12.

12.03 *Delays*

- A. Where Contractor is prevented from completing any part of the Work within the Contract Times due to delay beyond the control of Contractor, the Contract Times will be extended in an amount equal to the time lost due to such delay if a Claim is made therefor as provided in Paragraph 12.02.A. Delays beyond the control of Contractor shall include, but not be limited to, acts or neglect by Owner, acts or neglect of utility owners or other contractors performing other work as contemplated by Article 7, fires, floods, epidemics, abnormal weather conditions, or acts of God.
- B. If Owner, Engineer, or other contractors or utility owners performing other work for Owner as contemplated by Article 7, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in the Contract Price or the Contract Times, or both. Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to Contractor's ability to complete the Work within the Contract Times.
- C. If Contractor is delayed in the performance or progress of the Work by fire, flood, epidemic, abnormal weather conditions, acts of God, acts or failures to act of utility owners not under the control of Owner, or other causes not the fault of and beyond control of Owner and Contractor, then Contractor shall be entitled to an equitable adjustment in Contract Times, if such adjustment is essential to Contractor's ability to complete the Work within the Contract Times. Such an adjustment shall be Contractor's sole and exclusive remedy for the delays described in this Paragraph 12.03.C.
- D. Owner, Engineer, and their officers, directors, members, partners, employees, agents, consultants, or subcontractors shall not be liable to Contractor for any claims, costs, losses, or damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Contractor on or in connection with any other project or anticipated project.
- E. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delays within the control of Contractor. Delays attributable to and within the control of a Subcontractor or Supplier shall be deemed to be delays within the control of Contractor.

ARTICLE 13 – TESTS AND INSPECTIONS; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

13.01 *Notice of Defects*

- A. Prompt notice of all defective Work of which Owner or Engineer has actual knowledge will be given to Contractor. Defective Work may be rejected, corrected, or accepted as provided in this Article 13.

13.02 *Access to Work*

- A. Owner, Engineer, their consultants and other representatives and personnel of Owner, independent testing laboratories, and governmental agencies with jurisdictional interests will have access to the Site and the Work at reasonable times for their observation, inspection, and testing. Contractor shall provide them proper and safe conditions for such access and advise them of Contractor's safety procedures and programs so that they may comply therewith as applicable.

13.03 *Tests and Inspections*

- A. Contractor shall give Engineer timely notice of readiness of the Work for all required inspections, tests, or approvals and shall cooperate with inspection and testing personnel to facilitate required inspections or tests.
- B. Owner shall employ and pay for the services of an independent testing laboratory to perform all inspections, tests, or approvals required by the Contract Documents except:
 - 1. for inspections, tests, or approvals covered by Paragraphs 13.03.C and 13.03.D below;
 - 2. that costs incurred in connection with tests or inspections conducted pursuant to Paragraph 13.04.B shall be paid as provided in Paragraph 13.04.C; and
 - 3. as otherwise specifically provided in the Contract Documents.
- C. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, Contractor shall assume full responsibility for arranging and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish Engineer the required certificates of inspection or approval.
- D. Contractor shall be responsible for arranging and obtaining and shall pay all costs in connection with any inspections, tests, or approvals required for Owner's and Engineer's acceptance of materials or equipment to be incorporated in the Work; or acceptance of materials, mix designs, or equipment submitted for approval prior to Contractor's purchase thereof for incorporation in the Work. Such inspections, tests, or approvals shall be performed by organizations acceptable to Owner and Engineer.
- E. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Engineer, Contractor shall, if requested by Engineer, uncover such Work for observation.
- F. Uncovering Work as provided in Paragraph 13.03.E shall be at Contractor's expense unless Contractor has given Engineer timely notice of Contractor's intention to cover the same and Engineer has not acted with reasonable promptness in response to such notice.

13.04 *Uncovering Work*

- A. If any Work is covered contrary to the written request of Engineer, it must, if requested by Engineer, be uncovered for Engineer's observation and replaced at Contractor's expense.
- B. If Engineer considers it necessary or advisable that covered Work be observed by Engineer or inspected or tested by others, Contractor, at Engineer's request, shall uncover, expose, or otherwise make

available for observation, inspection, or testing as Engineer may require, that portion of the Work in question, furnishing all necessary labor, material, and equipment.

- C. If it is found that the uncovered Work is defective, Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and Owner shall be entitled to an appropriate decrease in the Contract Price. If the parties are unable to agree as to the amount thereof, Owner may make a Claim therefor as provided in Paragraph 10.05.
- D. If the uncovered Work is not found to be defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Times, or both, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, Contractor may make a Claim therefor as provided in Paragraph 10.05.

13.05 *Owner May Stop the Work*

- A. If the Work is defective, or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, Owner may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of Owner to stop the Work shall not give rise to any duty on the part of Owner to exercise this right for the benefit of Contractor, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

13.06 *Correction or Removal of Defective Work*

- A. Promptly after receipt of written notice, Contractor shall correct all defective Work, whether or not fabricated, installed, or completed, or, if the Work has been rejected by Engineer, remove it from the Project and replace it with Work that is not defective. Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or removal (including but not limited to all costs of repair or replacement of work of others).
- B. When correcting defective Work under the terms of this Paragraph 13.06 or Paragraph 13.07, Contractor shall take no action that would void or otherwise impair Owner's special warranty and guarantee, if any, on said Work.

13.07 *Correction Period*

- A. If within one year after the date of Substantial Completion (or such longer period of time as may be prescribed by the terms of any applicable special guarantee required by the Contract Documents) or by any specific provision of the Contract Documents, any Work is found to be defective, or if the repair of any damages to the land or areas made available for Contractor's use by Owner or permitted by Laws and Regulations as contemplated in Paragraph 6.11.A is found to be defective, Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions:
 - 1. repair such defective land or areas; or
 - 2. correct such defective Work; or
 - 3. if the defective Work has been rejected by Owner, remove it from the Project and replace it with Work that is not defective, and

4. satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others or other land or areas resulting therefrom.
- B. If Contractor does not promptly comply with the terms of Owner's written instructions, or in an emergency where delay would cause serious risk of loss or damage, Owner may have the defective Work corrected or repaired or may have the rejected Work removed and replaced. All claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement of work of others) will be paid by Contractor.
- C. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.
- D. Where defective Work (and damage to other Work resulting therefrom) has been corrected or removed and replaced under this Paragraph 13.07, the correction period hereunder with respect to such Work will be extended for an additional period of one year after such correction or removal and replacement has been satisfactorily completed.
- E. Contractor's obligations under this Paragraph 13.07 are in addition to any other obligation or warranty. The provisions of this Paragraph 13.07 shall not be construed as a substitute for, or a waiver of, the provisions of any applicable statute of limitation or repose.

13.08 *Acceptance of Defective Work*

- A. If, instead of requiring correction or removal and replacement of defective Work, Owner (and, prior to Engineer's recommendation of final payment, Engineer) prefers to accept it, Owner may do so. Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) attributable to Owner's evaluation of and determination to accept such defective Work (such costs to be approved by Engineer as to reasonableness) and for the diminished value of the Work to the extent not otherwise paid by Contractor pursuant to this sentence. If any such acceptance occurs prior to Engineer's recommendation of final payment, a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work, and Owner shall be entitled to an appropriate decrease in the Contract Price, reflecting the diminished value of Work so accepted. If the parties are unable to agree as to the amount thereof, Owner may make a Claim therefor as provided in Paragraph 10.05. If the acceptance occurs after such recommendation, an appropriate amount will be paid by Contractor to Owner.

13.09 *Owner May Correct Defective Work*

- A. If Contractor fails within a reasonable time after written notice from Engineer to correct defective Work, or to remove and replace rejected Work as required by Engineer in accordance with Paragraph 13.06.A, or if Contractor fails to perform the Work in accordance with the Contract Documents, or if Contractor fails to comply with any other provision of the Contract Documents, Owner may, after seven days written notice to Contractor, correct, or remedy any such deficiency.
- B. In exercising the rights and remedies under this Paragraph 13.09, Owner shall proceed expeditiously. In connection with such corrective or remedial action, Owner may exclude Contractor from all or part of the Site, take possession of all or part of the Work and suspend Contractor's services related thereto, take possession of Contractor's tools, appliances, construction equipment and machinery at the Site, and incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere. Contractor shall allow Owner, Owner's representatives,

agents and employees, Owner's other contractors, and Engineer and Engineer's consultants access to the Site to enable Owner to exercise the rights and remedies under this Paragraph.

- C. All claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) incurred or sustained by Owner in exercising the rights and remedies under this Paragraph 13.09 will be charged against Contractor, and a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work; and Owner shall be entitled to an appropriate decrease in the Contract Price. If the parties are unable to agree as to the amount of the adjustment, Owner may make a Claim therefor as provided in Paragraph 10.05. Such claims, costs, losses and damages will include but not be limited to all costs of repair, or replacement of work of others destroyed or damaged by correction, removal, or replacement of Contractor's defective Work.
- D. Contractor shall not be allowed an extension of the Contract Times because of any delay in the performance of the Work attributable to the exercise by Owner of Owner's rights and remedies under this Paragraph 13.09.

ARTICLE 14 – PAYMENTS TO CONTRACTOR AND COMPLETION

14.01 *Schedule of Values*

- A. The Schedule of Values established as provided in Paragraph 2.07.A will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to Engineer. Progress payments on account of Unit Price Work will be based on the number of units completed.

14.02 *Progress Payments*

A. Applications for Payments:

1. At least 20 days before the date established in the Agreement for each progress payment (but not more often than once a month), Contractor shall submit to Engineer for review an Application for Payment filled out and signed by Contractor covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment shall also be accompanied by a bill of sale, invoice, or other documentation warranting that Owner has received the materials and equipment free and clear of all Liens and evidence that the materials and equipment are covered by appropriate property insurance or other arrangements to protect Owner's interest therein, all of which must be satisfactory to Owner.
2. Beginning with the second Application for Payment, each Application shall include an affidavit of Contractor stating that all previous progress payments received on account of the Work have been applied on account to discharge Contractor's legitimate obligations associated with prior Applications for Payment.
3. The amount of retainage with respect to progress payments will be as stipulated in the Agreement.

B. Review of Applications:

1. Engineer will, within 10 days after receipt of each Application for Payment, either indicate in writing a recommendation of payment and present the Application to Owner or return the Application to Contractor indicating in writing Engineer's reasons for refusing to recommend payment. In the latter case, Contractor may make the necessary corrections and resubmit the Application.

2. Engineer's recommendation of any payment requested in an Application for Payment will constitute a representation by Engineer to Owner, based on Engineer's observations of the executed Work as an experienced and qualified design professional, and on Engineer's review of the Application for Payment and the accompanying data and schedules, that to the best of Engineer's knowledge, information and belief:
 - a. the Work has progressed to the point indicated;
 - b. the quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, the results of any subsequent tests called for in the Contract Documents, a final determination of quantities and classifications for Unit Price Work under Paragraph 9.07, and any other qualifications stated in the recommendation); and
 - c. the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work.
3. By recommending any such payment Engineer will not thereby be deemed to have represented that:
 - a. inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in the Contract Documents; or
 - b. there may not be other matters or issues between the parties that might entitle Contractor to be paid additionally by Owner or entitle Owner to withhold payment to Contractor.
4. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment, including final payment, will impose responsibility on Engineer:
 - a. to supervise, direct, or control the Work, or
 - b. for the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or
 - c. for Contractor's failure to comply with Laws and Regulations applicable to Contractor's performance of the Work, or
 - d. to make any examination to ascertain how or for what purposes Contractor has used the moneys paid on account of the Contract Price, or
 - e. to determine that title to any of the Work, materials, or equipment has passed to Owner free and clear of any Liens.
5. Engineer may refuse to recommend the whole or any part of any payment if, in Engineer's opinion, it would be incorrect to make the representations to Owner stated in Paragraph 14.02.B.2. Engineer may also refuse to recommend any such payment or, because of subsequently discovered evidence or the results of subsequent inspections or tests, revise or revoke any such payment recommendation previously made, to such extent as may be necessary in Engineer's opinion to protect Owner from loss because:
 - a. the Work is defective, or completed Work has been damaged, requiring correction or replacement;
 - b. the Contract Price has been reduced by Change Orders;

- c. Owner has been required to correct defective Work or complete Work in accordance with Paragraph 13.09; or
 - d. Engineer has actual knowledge of the occurrence of any of the events enumerated in Paragraph 15.02.A.
- C. Payment Becomes Due:
 - 1. Ten days after presentation of the Application for Payment to Owner with Engineer's recommendation, the amount recommended will (subject to the provisions of Paragraph 14.02.D) become due, and when due will be paid by Owner to Contractor.
- D. Reduction in Payment:
 - 1. Owner may refuse to make payment of the full amount recommended by Engineer because:
 - a. claims have been made against Owner on account of Contractor's performance or furnishing of the Work;
 - b. Liens have been filed in connection with the Work, except where Contractor has delivered a specific bond satisfactory to Owner to secure the satisfaction and discharge of such Liens;
 - c. there are other items entitling Owner to a set-off against the amount recommended; or
 - d. Owner has actual knowledge of the occurrence of any of the events enumerated in Paragraphs 14.02.B.5.a through 14.02.B.5.c or Paragraph 15.02.A.
 - 2. If Owner refuses to make payment of the full amount recommended by Engineer, Owner will give Contractor immediate written notice (with a copy to Engineer) stating the reasons for such action and promptly pay Contractor any amount remaining after deduction of the amount so withheld. Owner shall promptly pay Contractor the amount so withheld, or any adjustment thereto agreed to by Owner and Contractor, when Contractor remedies the reasons for such action.
 - 3. Upon a subsequent determination that Owner's refusal of payment was not justified, the amount wrongfully withheld shall be treated as an amount due as determined by Paragraph 14.02.C.1 and subject to interest as provided in the Agreement.

14.03 *Contractor's Warranty of Title*

- A. Contractor warrants and guarantees that title to all Work, materials, and equipment covered by any Application for Payment, whether incorporated in the Project or not, will pass to Owner no later than the time of payment free and clear of all Liens.

14.04 *Substantial Completion*

- A. When Contractor considers the entire Work ready for its intended use Contractor shall notify Owner and Engineer in writing that the entire Work is substantially complete (except for items specifically listed by Contractor as incomplete) and request that Engineer issue a certificate of Substantial Completion.
- B. Promptly after Contractor's notification, Owner, Contractor, and Engineer shall make an inspection of the Work to determine the status of completion. If Engineer does not consider the Work substantially complete, Engineer will notify Contractor in writing giving the reasons therefor.
- C. If Engineer considers the Work substantially complete, Engineer will deliver to Owner a tentative certificate of Substantial Completion which shall fix the date of Substantial Completion. There shall be attached to the certificate a tentative list of items to be completed or corrected before final payment. Owner shall have seven days after receipt of the tentative certificate during which to make written objection to Engineer as to any provisions of the certificate or attached list. If, after considering such

objections, Engineer concludes that the Work is not substantially complete, Engineer will, within 14 days after submission of the tentative certificate to Owner, notify Contractor in writing, stating the reasons therefor. If, after consideration of Owner's objections, Engineer considers the Work substantially complete, Engineer will, within said 14 days, execute and deliver to Owner and Contractor a definitive certificate of Substantial Completion (with a revised tentative list of items to be completed or corrected) reflecting such changes from the tentative certificate as Engineer believes justified after consideration of any objections from Owner.

- D. At the time of delivery of the tentative certificate of Substantial Completion, Engineer will deliver to Owner and Contractor a written recommendation as to division of responsibilities pending final payment between Owner and Contractor with respect to security, operation, safety, and protection of the Work, maintenance, heat, utilities, insurance, and warranties and guarantees. Unless Owner and Contractor agree otherwise in writing and so inform Engineer in writing prior to Engineer's issuing the definitive certificate of Substantial Completion, Engineer's aforesaid recommendation will be binding on Owner and Contractor until final payment.
- E. Owner shall have the right to exclude Contractor from the Site after the date of Substantial Completion subject to allowing Contractor reasonable access to remove its property and complete or correct items on the tentative list.

14.05 *Partial Utilization*

- A. Prior to Substantial Completion of all the Work, Owner may use or occupy any substantially completed part of the Work which has specifically been identified in the Contract Documents, or which Owner, Engineer, and Contractor agree constitutes a separately functioning and usable part of the Work that can be used by Owner for its intended purpose without significant interference with Contractor's performance of the remainder of the Work, subject to the following conditions:
 - 1. Owner at any time may request Contractor in writing to permit Owner to use or occupy any such part of the Work which Owner believes to be ready for its intended use and substantially complete. If and when Contractor agrees that such part of the Work is substantially complete, Contractor, Owner, and Engineer will follow the procedures of Paragraph 14.04.A through D for that part of the Work.
 - 2. Contractor at any time may notify Owner and Engineer in writing that Contractor considers any such part of the Work ready for its intended use and substantially complete and request Engineer to issue a certificate of Substantial Completion for that part of the Work.
 - 3. Within a reasonable time after either such request, Owner, Contractor, and Engineer shall make an inspection of that part of the Work to determine its status of completion. If Engineer does not consider that part of the Work to be substantially complete, Engineer will notify Owner and Contractor in writing giving the reasons therefor. If Engineer considers that part of the Work to be substantially complete, the provisions of Paragraph 14.04 will apply with respect to certification of Substantial Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.
 - 4. No use or occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of Paragraph 5.10 regarding property insurance.

14.06 *Final Inspection*

- A. Upon written notice from Contractor that the entire Work or an agreed portion thereof is complete, Engineer will promptly make a final inspection with Owner and Contractor and will notify Contractor in writing of all particulars in which this inspection reveals that the Work is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

14.07 *Final Payment*

A. Application for Payment:

1. After Contractor has, in the opinion of Engineer, satisfactorily completed all corrections identified during the final inspection and has delivered, in accordance with the Contract Documents, all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance, certificates of inspection, marked-up record documents (as provided in Paragraph 6.12), and other documents, Contractor may make application for final payment following the procedure for progress payments.
2. The final Application for Payment shall be accompanied (except as previously delivered) by:
 - a. all documentation called for in the Contract Documents, including but not limited to the evidence of insurance required by Paragraph 5.04.B.6;
 - b. consent of the surety, if any, to final payment;
 - c. a list of all Claims against Owner that Contractor believes are unsettled; and
 - d. complete and legally effective releases or waivers (satisfactory to Owner) of all Lien rights arising out of or Liens filed in connection with the Work.
3. In lieu of the releases or waivers of Liens specified in Paragraph 14.07.A.2 and as approved by Owner, Contractor may furnish receipts or releases in full and an affidavit of Contractor that: (i) the releases and receipts include all labor, services, material, and equipment for which a Lien could be filed; and (ii) all payrolls, material and equipment bills, and other indebtedness connected with the Work for which Owner might in any way be responsible, or which might in any way result in liens or other burdens on Owner's property, have been paid or otherwise satisfied. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, Contractor may furnish a bond or other collateral satisfactory to Owner to indemnify Owner against any Lien.

B. Engineer's Review of Application and Acceptance:

1. If, on the basis of Engineer's observation of the Work during construction and final inspection, and Engineer's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, Engineer is satisfied that the Work has been completed and Contractor's other obligations under the Contract Documents have been fulfilled, Engineer will, within ten days after receipt of the final Application for Payment, indicate in writing Engineer's recommendation of payment and present the Application for Payment to Owner for payment. At the same time Engineer will also give written notice to Owner and Contractor that the Work is acceptable subject to the provisions of Paragraph 14.09. Otherwise, Engineer will return the Application for Payment to Contractor, indicating in writing the reasons for refusing to recommend final payment, in which case Contractor shall make the necessary corrections and resubmit the Application for Payment.

C. Payment Becomes Due:

1. Thirty days after the presentation to Owner of the Application for Payment and accompanying documentation, the amount recommended by Engineer, less any sum Owner is entitled to set off against Engineer's recommendation, including but not limited to liquidated damages, will become due and will be paid by Owner to Contractor.

14.08 *Final Completion Delayed*

- A. If, through no fault of Contractor, final completion of the Work is significantly delayed, and if Engineer so confirms, Owner shall, upon receipt of Contractor's final Application for Payment (for Work fully completed and accepted) and recommendation of Engineer, and without terminating the Contract,

make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance to be held by Owner for Work not fully completed or corrected is less than the retainage stipulated in the Agreement, and if bonds have been furnished as required in Paragraph 5.01, the written consent of the surety to the payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by Contractor to Engineer with the Application for such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of Claims.

14.09 *Waiver of Claims*

- A. The making and acceptance of final payment will constitute:
 - 1. a waiver of all Claims by Owner against Contractor, except Claims arising from unsettled Liens, from defective Work appearing after final inspection pursuant to Paragraph 14.06, from failure to comply with the Contract Documents or the terms of any special guarantees specified therein, or from Contractor's continuing obligations under the Contract Documents; and
 - 2. a waiver of all Claims by Contractor against Owner other than those previously made in accordance with the requirements herein and expressly acknowledged by Owner in writing as still unsettled.

ARTICLE 15 – SUSPENSION OF WORK AND TERMINATION

15.01 *Owner May Suspend Work*

- A. At any time and without cause, Owner may suspend the Work or any portion thereof for a period of not more than 90 consecutive days by notice in writing to Contractor and Engineer which will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be granted an adjustment in the Contract Price or an extension of the Contract Times, or both, directly attributable to any such suspension if Contractor makes a Claim therefor as provided in Paragraph 10.05.

15.02 *Owner May Terminate for Cause*

- A. The occurrence of any one or more of the following events will justify termination for cause:
 - 1. Contractor's persistent failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment or failure to adhere to the Progress Schedule established under Paragraph 2.07 as adjusted from time to time pursuant to Paragraph 6.04);
 - 2. Contractor's disregard of Laws or Regulations of any public body having jurisdiction;
 - 3. Contractor's repeated disregard of the authority of Engineer; or
 - 4. Contractor's violation in any substantial way of any provisions of the Contract Documents.
- B. If one or more of the events identified in Paragraph 15.02.A occur, Owner may, after giving Contractor (and surety) seven days written notice of its intent to terminate the services of Contractor:
 - 1. exclude Contractor from the Site, and take possession of the Work and of all Contractor's tools, appliances, construction equipment, and machinery at the Site, and use the same to the full extent they could be used by Contractor (without liability to Contractor for trespass or conversion);
 - 2. incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere; and
 - 3. complete the Work as Owner may deem expedient.

- C. If Owner proceeds as provided in Paragraph 15.02.B, Contractor shall not be entitled to receive any further payment until the Work is completed. If the unpaid balance of the Contract Price exceeds all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) sustained by Owner arising out of or relating to completing the Work, such excess will be paid to Contractor. If such claims, costs, losses, and damages exceed such unpaid balance, Contractor shall pay the difference to Owner. Such claims, costs, losses, and damages incurred by Owner will be reviewed by Engineer as to their reasonableness and, when so approved by Engineer, incorporated in a Change Order. When exercising any rights or remedies under this Paragraph, Owner shall not be required to obtain the lowest price for the Work performed.
- D. Notwithstanding Paragraphs 15.02.B and 15.02.C, Contractor's services will not be terminated if Contractor begins within seven days of receipt of notice of intent to terminate to correct its failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt of said notice.
- E. Where Contractor's services have been so terminated by Owner, the termination will not affect any rights or remedies of Owner against Contractor then existing or which may thereafter accrue. Any retention or payment of moneys due Contractor by Owner will not release Contractor from liability.
- F. If and to the extent that Contractor has provided a performance bond under the provisions of Paragraph 5.01.A, the termination procedures of that bond shall supersede the provisions of Paragraphs 15.02.B and 15.02.C.

15.03 *Owner May Terminate For Convenience*

- A. Upon seven days written notice to Contractor and Engineer, Owner may, without cause and without prejudice to any other right or remedy of Owner, terminate the Contract. In such case, Contractor shall be paid for (without duplication of any items):
 - 1. completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
 - 2. expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses;
 - 3. all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) incurred in settlement of terminated contracts with Subcontractors, Suppliers, and others; and
 - 4. reasonable expenses directly attributable to termination.
- B. Contractor shall not be paid on account of loss of anticipated profits or revenue or other economic loss arising out of or resulting from such termination.

15.04 *Contractor May Stop Work or Terminate*

- A. If, through no act or fault of Contractor, (i) the Work is suspended for more than 90 consecutive days by Owner or under an order of court or other public authority, or (ii) Engineer fails to act on any Application for Payment within 30 days after it is submitted, or (iii) Owner fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon seven days written notice to Owner and Engineer, and provided Owner or Engineer do not remedy such suspension or failure within that time, terminate the Contract and recover from Owner payment on the same terms as provided in Paragraph 15.03.

- B. In lieu of terminating the Contract and without prejudice to any other right or remedy, if Engineer has failed to act on an Application for Payment within 30 days after it is submitted, or Owner has failed for 30 days to pay Contractor any sum finally determined to be due, Contractor may, seven days after written notice to Owner and Engineer, stop the Work until payment is made of all such amounts due Contractor, including interest thereon. The provisions of this Paragraph 15.04 are not intended to preclude Contractor from making a Claim under Paragraph 10.05 for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to Contractor's stopping the Work as permitted by this Paragraph.

ARTICLE 16 – DISPUTE RESOLUTION

16.01 *Methods and Procedures*

- A. Either Owner or Contractor may request mediation of any Claim submitted to Engineer for a decision under Paragraph 10.05 before such decision becomes final and binding. The mediation will be governed by the Construction Industry Mediation Rules of the American Arbitration Association in effect as of the Effective Date of the Agreement. The request for mediation shall be submitted in writing to the American Arbitration Association and the other party to the Contract. Timely submission of the request shall stay the effect of Paragraph 10.05.E.
- B. Owner and Contractor shall participate in the mediation process in good faith. The process shall be concluded within 60 days of filing of the request. The date of termination of the mediation shall be determined by application of the mediation rules referenced above.
- C. If the Claim is not resolved by mediation, Engineer's action under Paragraph 10.05.C or a denial pursuant to Paragraphs 10.05.C.3 or 10.05.D shall become final and binding 30 days after termination of the mediation unless, within that time period, Owner or Contractor:
 - 1. elects in writing to invoke any dispute resolution process provided for in the Supplementary Conditions; or
 - 2. agrees with the other party to submit the Claim to another dispute resolution process; or
 - 3. gives written notice to the other party of the intent to submit the Claim to a court of competent jurisdiction.

ARTICLE 17 – MISCELLANEOUS

17.01 *Giving Notice*

- A. Whenever any provision of the Contract Documents requires the giving of written notice, it will be deemed to have been validly given if:
 - 1. delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended; or
 - 2. delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of the notice.

17.02 *Computation of Times*

- A. When any period of time is referred to in the Contract Documents by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

17.03 *Cumulative Remedies*

- A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract Documents. The provisions of this Paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

17.04 *Survival of Obligations*

- A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract Documents, as well as all continuing obligations indicated in the Contract Documents, will survive final payment, completion, and acceptance of the Work or termination or completion of the Contract or termination of the services of Contractor.

17.05 *Controlling Law*

- A. This Contract is to be governed by the law of the state in which the Project is located.

17.06 *Headings*

- A. Article and paragraph headings are inserted for convenience only and do not constitute parts of these General Conditions.

SUPPLEMENTARY CONDITIONS

SC-4.02 Subsurface and Physical Conditions

SC-4.02 Add the following new paragraphs immediately after Paragraph 4.02.B:

- C. The following reports of explorations and tests of subsurface conditions at or contiguous to the Site are known to Owner:
 - 1. None
- D. The following drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities) are known to Owner:
 - 1. City of Hattiesburg Water System drawings (Project 1245).
 - 2. City of Hattiesburg Sewer System drawings (Project F01-278)
 - a. None of the contents of such drawings is "technical data" on which Contractor may rely.
- E. The reports and drawings identified above are not part of the Contract Documents, but the "technical data" contained therein upon which Contractor may rely, as expressly identified and established above, are incorporated in the Contract Documents by reference. Contractor is not entitled to rely upon any other information and data known to or identified by Owner or Engineer.
- F. Copies of reports and drawings identified in SC-4.02.C and SC-4.02.D that are not included with the Bidding Documents may be examined at the City of Hattiesburg Engineering Department during regular business hours.

SC-4.06 Hazardous Environmental Conditions

SC-4.06 Delete Paragraphs 4.06.A and 4.06.B in their entirety and insert the following:

- A. No reports or drawings related to Hazardous Environmental Conditions at the Site are known to Owner.
- B. Not Used.

SC-5.04 Contractor's Liability Insurance

SC-5.04 Add the following new paragraph immediately after Paragraph 5.04.B:

- C. The limits of liability for the insurance required by Paragraph 5.04 of the General Conditions shall provide coverage for not less than the following amounts or greater where required by Laws and Regulations:
 - 1. Workers' Compensation, and related coverages under Paragraphs 5.04.A.1 and A.2 of the General Conditions:
 - a. State: Statutory
 - b. Applicable Federal
(e.g., Longshoreman's): Statutory
 - c. Employer's Liability: \$100,000

2. Contractor's General Liability under Paragraphs 5.04.A.3 through A.6 of the General Conditions which shall include completed operations and product liability coverages and eliminate the exclusion with respect to property under the care, custody and control of Contractor:
 - a. General Aggregate \$1,000,000
 - b. Personal and Advertising Injury \$500,000
 - c. Each Occurrence (Bodily Injury and Property Damage) \$500,000
 - d. Property Damage liability insurance will provide Explosion, Collapse, and Under-ground coverages where applicable.
3. Automobile Liability under Paragraph 5.04.A.6 of the General Conditions:
 - a. Bodily Injury:

Each person	<u>\$500,000</u>
Each Accident	<u>\$1,000,000</u>
 - b. Property Damage:

Each Accident	<u>\$500,000</u>
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4. The Contractual Liability coverage required by Paragraph 5.04.B.4 of the General Conditions shall provide coverage for not less than the following amounts:
 - a. Bodily Injury:

Each person	<u>\$500,000</u>
Each Accident	<u>\$1,000,000</u>
 - b. Property Damage:

Each Accident	<u>\$500,000</u>
Annual Aggregate	<u>\$1,000,000</u>

SC-6.06 Concerning Subcontractors, Suppliers, and Others

SC-6.06 Add a new paragraph immediately after Paragraph 6.06.G:

- H. Owner may furnish to any Subcontractor or Supplier, to the extent practicable, information about amounts paid to Contractor on account of Work performed for Contractor by a particular Subcontractor or Supplier.

SC-9.03 Project Representative

SC-9.03 Add the following new paragraphs immediately after Paragraph 9.03.A:

- B. The Resident Project Representative (RPR) will be Engineer's employee or agent at the Site, will act as directed by and under the supervision of Engineer, and will confer with Engineer regarding RPR's actions. RPR's dealings in matters pertaining to the Work in general shall be with Engineer and Contractor. RPR's dealings with Subcontractors shall be through or with the full knowledge and approval of Contractor. The RPR shall:
 1. *Schedules:* Review the progress schedule, schedule of Shop Drawing and Sample submittals, and schedule of values prepared by Contractor and consult with Engineer concerning acceptability.

2. *Conferences and Meetings:* Attend meetings with Contractor, such as preconstruction conferences, progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof.
3. *Liaison:*
 - a. Serve as Engineer's liaison with Contractor, working principally through Contractor's authorized representative, assist in providing information regarding the intent of the Contract Documents.
 - b. Assist Engineer in serving as Owner's liaison with Contractor when Contractor's operations affect Owner's on-Site operations.
 - c. Assist in obtaining from Owner additional details or information, when required for proper execution of the Work.
4. *Interpretation of Contract Documents:* Report to Engineer when clarifications and interpretations of the Contract Documents are needed and transmit to Contractor clarifications and interpretations as issued by Engineer.
5. *Shop Drawings and Samples:*
 - a. Record date of receipt of Samples and approved Shop Drawings.
 - b. Receive Samples which are furnished at the Site by Contractor, and notify Engineer of availability of Samples for examination.
6. *Modifications:* Consider and evaluate Contractor's suggestions for modifications in Drawings or Specifications and report such suggestions, together with RPR's recommendations, to Engineer. Transmit to Contractor in writing decisions as issued by Engineer.
7. *Review of Work and Rejection of Defective Work:*
 - a. Conduct on-Site observations of Contractor's work in progress to assist Engineer in determining if the Work is in general proceeding in accordance with the Contract Documents.
 - b. Report to Engineer whenever RPR believes that any part of Contractor's work in progress will not produce a completed Project that conforms generally to the Contract Documents or will imperil the integrity of the design concept of the completed Project as a functioning whole as indicated in the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise Engineer of that part of work in progress that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval.
8. *Inspections, Tests, and System Startups:*
 - a. Verify that tests, equipment, and systems start-ups and operating and maintenance training are conducted in the presence of appropriate Owner's personnel, and that Contractor maintains adequate records thereof.
 - b. Observe, record, and report to Engineer appropriate details relative to the test procedures and systems start-ups.
9. *Records:*
 - a. Record names, addresses, fax numbers, e-mail addresses, web site locations, and telephone numbers of all Contractors, Subcontractors, and major Suppliers of materials and equipment.
 - b. Maintain records for use in preparing Project documentation.

10. Reports:

- a. Furnish to Engineer periodic reports as required of progress of the Work and of Contractor's compliance with the progress schedule and schedule of Shop Drawing and Sample submittals.
 - b. Draft and recommend to Engineer proposed Change Orders, Work Change Directives, and Field Orders. Obtain backup material from Contractor.
 - c. Immediately notify Engineer of the occurrence of any Site accidents, emergencies, acts of God endangering the Work, damage to property by fire or other causes, or the discovery of any Hazardous Environmental Condition.
11. *Payment Requests:* Review Applications for Payment with Contractor for compliance with the established procedure for their submission and forward with recommendations to Engineer, noting particularly the relationship of the payment requested to the schedule of values, Work completed, and materials and equipment delivered at the Site but not incorporated in the Work.
12. *Certificates, Operation and Maintenance Manuals:* During the course of the Work, verify that materials and equipment certificates, operation and maintenance manuals and other data required by the Specifications to be assembled and furnished by Contractor are applicable to the items actually installed and in accordance with the Contract Documents, and have these documents delivered to Engineer for review and forwarding to Owner prior to payment for that part of the Work.

13. Completion:

- a. Participate in a Substantial Completion inspection, assist in the determination of Substantial Completion and the preparation of lists of items to be completed or corrected.
- b. Participate in a final inspection in the company of Engineer, Owner, and Contractor and prepare a final list of items to be completed and deficiencies to be remedied.
- c. Observe whether all items on the final list have been completed or corrected and make recommendations to Engineer concerning acceptance and issuance of the Notice of Acceptability of the Work.

C. The RPR shall not:

1. Authorize any deviation from the Contract Documents or substitution of materials or equipment (including "or-equal" items).
2. Exceed limitations of Engineer's authority as set forth in the Contract Documents.
3. Undertake any of the responsibilities of Contractor, Subcontractors, Suppliers, or Contractor's superintendent.
4. Advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences or procedures of Contractor's work unless such advice or directions are specifically required by the Contract Documents.
5. Advise on, issue directions regarding, or assume control over safety practices, precautions, and programs in connection with the activities or operations of Owner or Contractor.
6. Participate in specialized field or laboratory tests or inspections conducted off-site by others except as specifically authorized by Engineer.
7. Accept Shop Drawing or Sample submittals from anyone other than Contractor.
8. Authorize Owner to occupy the Project in whole or in part.

MEASUREMENT AND PAYMENT

Measurement and Payment for all bid items shall be in accordance with the Mississippi Standard Specifications for Road and Bridge Construction, 2017 edition.

SPECIAL INSTRUCTIONS

LIMITATIONS

During construction, care is to be taken to prevent damage to the work in place. As soon as work is completed, all work is to be thoroughly cleaned. Before completion, all damaged work is to be repaired and left in perfect condition. The CONTRACTOR will be responsible for all cleanup of the premises. All trash, etc. will be hauled away from the site, and the site left in a clean and neat condition. Alcoholic beverages of any type will not be permitted on job site.

PRODUCT/MATERIALS SUBSTITUTION

CONTRACTOR will submit prior to starting work on project any changes to materials specified. CONTRACTOR will submit all specification data, company name, and supplier of material that he wishes to substitute. All material will be evaluated. CONTRACTOR will be given approval/disapproval by OWNER. No substitutes will be taken into consideration after work has begun, no substitutes will be allowed if CONTRACTOR does not submit specification data within time allowed.

INSPECTION

All work covered by these specifications shall be subject to inspection by OWNER or his authorized representative. CONTRACTOR will coordinate with OWNER for inspections as required during construction, and furnish to the OWNER in writing a project schedule prior to mobilization of work at the job site.

SPECIFICATIONS AND DRAWINGS ARE RECIPROCAL

The specifications and drawings are intended mutually to explain each other and anything which is referred to in the specifications and not shown on the drawings shall be considered as being shown and mentioned and referred to in both of these documents. Such work shall be done and performed accordingly. Any drawing attached to this specification form is an integral part thereof and where such drawings, if any, differ from these specifications, the specifications shall govern.

AS-BUILT DRAWINGS

Occasionally, during the course of construction, modifications and changes may occur due to site conditions, unforeseen circumstances and problems encountered. This may result in a modification of construction as originally depicted on drawings. Contractor will furnish the OWNER a marked-up set of prints in red line of all changes and/or modifications that pertain to this contract. Drawings will be labeled. "AS-BUILT DRAWINGS".

GUARANTEES, WARRANTIES AND BONDS

1. All work will be guaranteed by the CONTRACTOR for a period of one (1) year from the date of substantial completion.

2. Wording for the notarized guarantee shall be as follows:

"We hereby guarantee all work performed by us on the above captioned project to be free from defective materials and workmanship for a period of one (1) year, or such longer period of time as may be called for in the Contract Documents for such portions of the work."

3. Guarantee Compliance:

Except as otherwise specified, all work shall be guaranteed by the CONTRACTOR and through him each sub-contractor against defects resulting from the use of inferior materials, equipment or workmanship for one (1) year from the date of substantial completion of the Contract. In case of work performed by his sub-contractors, the CONTRACTOR shall secure warranties from said sub-contractors and deliver copies of the same to the OWNER upon completion of the work. If, within any guarantee period, repairs or changes are required in connection with guaranteed work which, in the OWNER'S opinion, are rendered necessary as the result of use of materials, equipment or workmanship which are inferior, defective or not in accordance with terms of the Contract: CONTRACTOR shall promptly upon receipt of OWNER'S written notice, and without expense of the OWNER;

- a. Place in satisfactory condition in every particular all such guaranteed work, correct all defects therein.
- b. Make good all damage to the building, site, equipment or building contents which in the OWNER'S opinion is the result of the use of materials, equipment or workmanship which are inferior, defective, or not in accordance with terms of the Contract.
- c. Make good any work or material or the equipment and contents of building or site disturbed in fulfilling such guarantee.

In any case where fulfilling the requirements of the Contract, or any guarantee embraced in or required thereby, the CONTRACTOR disturbs any work guaranteed under another's Contract, he shall restore such disturbed work to condition satisfactory to the OWNER and guarantee such restored work to the same extent as it was guaranteed under such other contract. If the CONTRACTOR, after notice, fails to proceed promptly to comply with terms of the guarantee, the OWNER may have the defects corrected and the CONTRACTOR and his surety shall be liable for all expense incurred. All special guarantees applicable to definite parts of the work that may be stipulated in the specification or other Contract Documents shall be subject to the terms of this Specification Section during the first year of the life of such special guarantees. All guarantees and warranties shall be obtained in the OWNER'S name and evidence thereof shall be promptly delivered to the OWNER'S Representative for transfer to the OWNER.

CLOSE-OUT DOCUMENTS

In general documents for close out, to be submitted by the CONTRACTOR to the OWNER, prior to final payment, shall be; but not limited to the following:

1. APPLICATION FOR PAYMENT: AIA Document G-702
2. CERTIFICATE OF SUBSTANTIAL COMPLETION: AIA Document G-704
3. CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS:
AIA Documents G-706 and G-706A: The Contractor shall furnish these AIA Documents complete with attached notarized full release of liens, damages, and a guarantee that all materials and labor are paid in accordance with Contract Documents with the following wording:

"WE HEREBY CERTIFY THAT ALL BILLS FOR LABOR AND MATERIALS INCORPORATED INTO THE ABOVE CAPTIONED PROJECT UNDER OUR CONTRACT HAVE BEEN PAID AND THAT THE OWNER IS RELEASED FROM ANY AND ALL CLAIMS AND/OR DAMAGES UNDER THIS CONTRACT."
4. CONSENT OF SURETY COMPANY TO FINAL PAYMENT: AIA Document G-707
To be completed in full by the Bonding Company.
5. CONTRACTOR'S NOTARIZED STATEMENT:
Notarized statement that project has been constructed in accordance with Contract Documents.
6. CONTRACTOR'S NOTARIZED STATEMENT OF GUARANTEE/S:
All work will be guaranteed by the Contractor for a period of one (1) year from the date of substantial completion. Wording will be as follows:

"WE HEREBY GUARANTEE ALL WORK PERFORMED BY US ON ABOVE CAPTIONED PROJECT TO BE FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR, OR SUCH LONGER PERIOD OF TIME AS MAY BE CALLED FOR IN THE CONTRACT DOCUMENTS FOR SUCH PORTIONS OF THE WORK."

In the case of work performed by his sub-contractors, the Contractor shall secure warranties from said sub-contractors and deliver copies of same to the Owner upon completion of work.
7. OPERATING AND MAINTENANCE MANUALS:
All manufacturer's operating instructions and maintenance manuals will be compiled in a tabbed and labeled 3-ring binder. (Furnish Owner with two (2) sets).
8. FORM W-9, PAYER'S REQUEST FOR TAXPAYER IDENTIFICATION NUMBER AND CERTIFICATION (IRS):
Form W-9 is to be completed by non-corporation contractors. Non-applicable if Contractor's firm is Incorporated.
9. FINAL CLEANING:
At close out time clean and re-clean entire work to normal level for "FIRST CLASS" maintenance/cleaning.

TECHNICAL SPECIFICATIONS

1. Applicable Specifications

The Technical Specifications entitled Mississippi Standard Specifications for Road and Bridge Construction, 2017 Edition shall be the specifications applicable to this project except as for herein specified. Any testing required by those specifications for material submittal approval shall be the responsibility of the Contractor. The testing laboratory used by the Contractor shall be a laboratory certified by the Mississippi Department of Transportation and shall be approved by the Engineer. Any reference to Unit Item for pay shall be modified and paid based on the Measurement and Payment section of the specifications.

2. References Amended to mean Engineer

Any reference in the above mentioned specifications to Commission, Director, Chief Engineer, Testing Engineer, or Project Engineer shall be amended in these specifications to mean the Engineer, or his duly authorized representative, of the City of Hattiesburg.

ADVERTISEMENT FOR BIDS

NOTICE is hereby given that the City Clerk of the City of Hattiesburg, MISSISSIPPI, will receive sealed bids until **10:00 A.M.** on **May 31, 2018** in City Council Chambers at City Hall, 200 Forrest Street, Hattiesburg, MS 39401, and then at said location will open and read aloud bids received for furnishing the City's requirements for the following:

BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: May 31, 2018
SOUTH 28TH AVENUE
BRIDGE REPLACEMENT
BRIDGE #SA18-157
CITY of HATTIESBURG

Official bid documents can be downloaded from Central Bidding at www.centralbidding.com. Electronic bids can be submitted at www.centralbidding.com. For any questions relating to the electronic bidding process, please call Central Bidding at 225-810-4814. All bids must be accompanied by bid security equal to 5% of the amount of the bid, in the form of a certified check, cashier's check or a bid bond written by a company properly licensed in Mississippi.

Each BID must be received sealed and marked EXACTLY as follows:

BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: May 31, 2018
SOUTH 28TH AVENUE
BRIDGE REPLACEMENT
BRIDGE #SA18-157
HATTIESBURG, MISSISSIPPI

No bid may be withdrawn for a period of sixty (60) days. The lowest and best proposal received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated and Amended, and other applicable State law; the Council reserves the right to reject any or all proposals received and to waive informalities.

PUBLISHED by Order of the Council on the 17th day of April, 2018

CITY OF HATTIESBURG, MISSISSIPPI

BY: 

Kermas Eaton, City Clerk

Publish on April 26, 2018 and May 3, 2018
City of Hattiesburg
Return PROOF to SDW, Inc.
301 Second Avenue
Hattiesburg, MS 39401

