

City of Hattiesburg, MS

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



Meeting Agenda - Final

Tuesday, February 20, 2018

4:00 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** [2018-215](#) Take from the table and Adopt an Ordinance for the petition filed by Anthony Wansley, Contractor, on behalf of Clementine Benton, Owner to change the zoning classification for a portion of the property located at 208 McInnis Spring Road (Parcel 041H-27-003.00, PPIN 6970, Ward 5) from Section 4.5.3, R-1A (Single-Family Residential) District to Section 4.5.7, R-3 (Multi-Family Residential) District. The Planning Commission recommended to Deny on January 3, 2018.

Attachments: [January 2018 HPC Minutes](#)
[HPC Packet - 208 McInnis Springs Rd](#)
[Frankie L. Benton, Sr. Letter](#)
[Ordinance - 208 McInnis Springs Rd](#)

- V.-2** [2018-224](#) Adopt an Ordinance for the petition filed by Valerie Cameron, Representative, on behalf of Donnie Myers, Owner, to change the zoning classification for a certain property located at 1200 Edwards Street (Parcel 038H-15-198.00, PPIN 26857, Ward 2) from Section 4.5.13, I-1 (Light Industrial) District to Section 4.5.10, B-3 (Community Business) District. The Planning Commission recommended to Approve on February 7, 2018.

Attachments: [Feb HPC Minutes](#)
[1200 Edwards Street - packet](#)
[Ordinance - 1200 Edwards](#)
[ORD#3226, executed ordinance -1200 Edwards](#)

- V.-3** [2018-220](#) APPROVE or DENY a petition filed by Lynn Greer, Architect, Mike Essary, Representative, on behalf of Wesley Foundation of MS Southern College to vary from Section 6, Table 6.1 which states maximum impervious surface lot coverage for property located in an R-3 Zone is 50% and instead allow a total of 69% impervious lot coverage for a variance of 19% for a property located at 210 North 32nd Avenue, Hattiesburg, MS (Parcel 028K-07-005.00, PPIN 22976; Parcel 028K-07-004.00, PPIN 22975, Ward 1). The Board of Adjustment recommended to APPROVE with a condition on February 7, 2018.

Attachments: [Feb BOA Minutes](#)
[210 North 32nd Ave - packet](#)

- V.-4** [2018-221](#) APPROVE or DENY the preliminary plat filed by Shea McNease PE, Engineer, and Rob Tatum, Applicant, for a major subdivision for a certain piece of property located between South 31st Avenue and South 30th Avenue, south of Hardy Street Hattiesburg, MS (Parcel 028N-07-078, PPIN 20837; Parcel 028N-07-079.00, PPIN 26492. Ward 3). The Planning Commission recommended to Approve on February 7, 2018.

Attachments: [Feb HPC Minutes](#)
[3000 Hardy Condominium - packet](#)
[15861 Preliminary Condo Plats 2017-12-22](#)

- V.-5** [2018-230](#) Adopt pay scale alignment for the Hattiesburg Fire Department.

Attachments: [Fire Department Proposed Pay Scale](#)
[HFD Draft Pay Alignment Scale Presentation, 2-20-18](#)

- V.-6** [2018-234](#) Approve or deny to adopt a drug and alcohol policy for Hub City Transit in compliance with requirements of the Federal Transit Administration.

Attachments: [Drug Policy FTA compliant 02072018](#)

- V.-7** [2018-240](#) Adopt a Resolution authorizing Requisition No. 16 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. 16](#)
[RES#2018-29, executed 2016 Bond Resolution No. 16](#)

- V.-8 [2018-235](#) Authorize Mayor to execute Task Order No. 5 with Shows, Dearman and Waits, Inc. to provide professional services for a Comprehensive Sanitary Sewer Study for data collection, inspection, and evaluation of the City's wastewater system.

Attachments: [SDW Agreement-Task Order #5](#)

- V.-9 [2018-238](#) Authorize Mayor to execute (in duplicate) Agreement with Shows, Dearman & Waits, Inc. for engineering services related to the Martin Luther King Improvements project.

Attachments: [SDW Agreement 2-12-18](#)
[executed SDW Agreement 2-12-18](#)

- V.-10 [2018-228](#) Authorize Mayor to execute Agreement for Sewer Treatment in duplicate with Grand Magnolia Properties, LLC (f/k/a Sims Properties, LLC).

Attachments: [Grand Magnolia Properties LLC Agreement 2018.1](#)
[executed Grand Magnolia Properties LLC Agreement 2018.1](#)

- V.-11 [2018-239](#) Authorize Mayor to execute two lighting agreements with Mississippi Power for two locations on West 4th Street (near 2505 W. 4th and 3901 W. 4th) for net monthly increases of \$69.38 and 54.02 respectively.

Attachments: [MS Power-Brewskys and Endzone](#)
[executed MS Power-Brewskys and Endzone](#)

- V.-12 [2018-237](#) Authorize Mayor to execute agreement between the City of Hattiesburg Fire Department and Fire Department International, Inc. to provide promotional testing for Engineer/Driver, Lieutenant, Captain, and Battalion Chief.

Attachments: [Hattiesburg Fire Department Testing Contract-Fire Department International 2018](#)
[executed Hattiesburg Fire Department Testing Contract-Fire Department International 2018](#)

- V.-13 [2018-236](#) Ratify and confirm the Mayor's appointment of Yolanda Morris (W3) to the Hattiesburg School Board for a five (5) - year term beginning March 5, 2018 and ending March 4, 2023.

Attachments: [Y Morris Resume](#)
[Datat Sheet-Morris](#)

- V.-14 [2018-246](#) Ratify and confirm the Mayor's appointment of Andrew A. Hatten to the Southeast Mississippi Community Investment Corporation Board of Directors for for a three - year term beginning January 1, 2018 and ending December 31, 2020.

Attachments: [Hatten Resume](#)

- V.-15 [2018-247](#) Ratify and confirm the Mayor's appointment of Lemon "Trey" Sullivan to the Southeast Mississippi Community Investment Corporation Board of Directors for a three - year term beginning January 1, 2018 and ending December 31, 2020.

Attachments: [Sullivan-Resume](#)

VI. ROUTINE AGENDA

- VI.-1 [2018-223](#) Approve notice of publication setting a Public Comment Period and scheduling a Public Hearing for the 2017 Consolidated Annual Performance and Evaluation Report (CAPER) for the CDBG and HOME Programs. {Entitlement CDBG and HOME}

Attachments: [CAPER DRAFT 2017.pdf](#)
 [Notice of Availability, Public Hearing for 2017 CAPER.pdf](#)
 [executed Notice of Availability, Public Hearing for 2017 CAPER.pdf](#)

- VI.-2 [2018-217](#) Acknowledge receipt of the monthly budget report for the month ending January 31, 2018, on permanent file in the City Clerk's Office.

Attachments: [REV18.0118](#)
 [EXP18.0118](#)

- VI.-3 [2018-218](#) Acknowledge receipt of the unadvertised bid purchase docket for the period of October 1, 2017 through December 31, 2017 as provided for in section 31-7-13(b) of the Mississippi Code of 1972.

Attachments: [Memo-Unadvertised bid memo](#)
 [Unadvetised Bids](#)

- VI.-4 [2018-241](#) Acknowledge receipt of the Financial Statements of the Emergency Management District for the fiscal year ending September 30, 2017, from WM. F. Horne & Company, PLLC(on file in the City Clerk's Office).

Attachments: [Emergency Management-Financial Statements](#)

- VI.-5 [2018-248](#) Acknowledge receipt of the Southeast Mississippi Community Investment Corporation (SEMCIC) bylaws, adopted June 18, 2014; SEMCIC exists to help enhance small business lending in Greater Hattiesburg.

Attachments: [SEMCIC Bylaws, 2014](#)

- VI.-6** [2018-233](#) Acknowledge Bids received February 1, 2018 for the Comprehensive Sewer /Water Improvements Project - Phase VIII - Camp Street and reject all bids; Approve new plans and specifications for project and authorize re-advertisement for bids.

Attachments: [Memo - Weeks, Shows Dearman & Waits](#)
[Advertisement for Bids](#)
[1273S010 Plans Street Ready Set Signed 2018-02-12](#)
[1273-S010 Specs Review Set 2018 02 12](#)
[executed Advertisement for Bids for Comp. Sewer Water Improvements Project](#)

- VI.-7** [2018-229](#) Approve plans and specifications for the South 28th Avenue Bridge Replacement Project; Authorize advertisement for bids for same.

Attachments: [11204 construction plans signed 2018-02-12](#)
[11204 Specs Review Set 2018 02 12](#)
[Advertisement For Bids](#)
[executed Advertisement For Bids for S. 28th Ave. Bridge Replacement Project](#)

- VI.-8** [2018-232](#) Approve plans and specifications for the Infrastructure Improvements along North 40th Ave, North 39th Ave, and Mable Street Project; Authorize advertisement for bids for same.

Attachments: [11254 Advertisement for Bids](#)
[11254 Plans Street Ready Set Signed 2018-02-05](#)
[11254 Specs Review Set 98p 2018 02 09](#)
[executed 11254 Advertisement for Bids for Infrastructure Improvements along I](#)

- VI.-9** [2018-242](#) Approve Specifications and Authorize Publication of Advertisement for Various Term Bid Items for the Hattiesburg Water Department beginning on April 1, 2018.

Attachments: [Item #13 - Notice to Bidders](#)
[Item #13 - Specifications](#)
[Item #20 Notice to Bidders](#)
[Item #20 Specifications](#)
[Item #26 Notice to Bidders](#)
[Item #26 Specifications](#)
[Item # 28 - Notice to Bidders](#)
[Item # 28 - Specifications](#)
[Item #11 - Notice to Bidders](#)
[Item #11 - Specifications](#)
[executed Notice to Bidders for Item #13, Item #20, Item #26, Item #28 and Item](#)

- VI.-10** [2018-243](#) Approve Specifications and Authorize Publication of Advertisement for Various Term Bid Items for the City of Hattiesburg Public Works Department beginning April 1, 2018.

Attachments: [Item #2 Notice to Bidders](#)
 [Item #2 Specifications](#)
 [Item #2A Notice to Bidders](#)
 [Item #2A Specifications](#)
 [executed Notice to Bidders for Item #2 and Item #2A](#)

- VI.-11** [2018-219](#) Approve the sale of grave spaces, per attached Memo, Receipts and Deeds.

Attachments: [Memos \(02-20-18\)](#)
 [Receipts \(02-20-18\)](#)
 [Deeds \(02-20-18\)](#)

- VI.-12** [2018-222](#) Approve and authorize issuance of manual check for CDBG Program Claim per the attached memorandum. {Entitlement CDBG}

Attachments: [Breakthrough Request for Payment February 20, 2018.pdf](#)

- VI.-13** [2018-231](#) Approve claims docket for the period ending February 16, 2018.

Attachments: [2-20-18 Claims Docket](#)



City of Hattiesburg, MS

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

Master

File Number: 2018-215

File ID: 2018-215

Type: Ordinance

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 02/07/2018

Brief Title: 208 McInnis Spring Road - Rezoning

Final Action:

Minute Book Number: MB2018-37-38

Title: Take from the table and Adopt an Ordinance for the petition filed by Anthony Wansley, Contractor, on behalf of Clementine Benton, Owner to change the zoning classification for a portion of the property located at 208 McInnis Spring Road (Parcel 041H-27-003.00, PPIN 6970, Ward 5) from Section 4.5.3, R-1A (Single-Family Residential) District to Section 4.5.7, R-3 (Multi-Family Residential) District. The Planning Commission recommended to Deny on January 3, 2018.

Notes: Heard by Planning Commission on 1-3-2018. Council tabled item due to rescheduled meeting (inclement weather) and lack of communication with applicant.

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-1

Sponsors:

Enactment Date:

Attachments: January 2018 HPC Minutes, HPC Packet - 208
McInnis Springs Rd, Frankie L. Benton, Sr. Letter,
Ordinance - 208 McInnis Springs Rd

Enactment Number:

Contact:

Meeting Date: 02/20/2018

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	02/20/2018	Deny				Pass
Action Text: A MOTION was made by Council Member Brown and seconded by Council Member George to Take from the table and DENY to Adopt an Ordinance for the petition filed by Anthony Wansley, Contractor, on behalf of Clementine Benton, Owner to change the zoning classification for a portion of the property located at 208 McInnis Spring Road (Parcel 041H-27-003.00, PPIN 6970, Ward 5) from Section 4.5.3, R-1A (Single-Family Residential) District to Section 4.5.7, R-3 (Multi-Family Residential) District. The Planning Commission recommended to Deny on January 3, 2018.							
Following discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 4 - George, Carroll, Dryden and Brown							
Nays: 1 - Delgado							

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

Text of Legislative File 2018-215

Title

Take from the table and Adopt an Ordinance for the petition filed by Anthony Wansley, Contractor, on behalf of Clementine Benton, Owner to change the zoning classification for a portion of the property located at 208 McInnis Spring Road (Parcel 041H-27-003.00, PPIN 6970, Ward 5) from Section 4.5.3, R-1A (Single-Family Residential) District to Section 4.5.7, R-3 (Multi-Family Residential) District. The Planning Commission recommended to Deny on January 3, 2018.

Summary

208 McInnis Spring Road - Rezoning

Budget Information

Expenditure Type

Purchasing Item

Publication Information

**MINUTES OF THE
REGULAR MEETING OF THE
HATTIESBURG PLANNING COMMISSION
January 3, 2017**

The Hattiesburg Planning Commission did meet in a regular session on January 3, 2017 at 1:00 p.m. at the Jackie Dole Community Center, 220 West Front Street, Hattiesburg, Mississippi. Dick Conville, Chairman, presided over the meeting. A quorum was indicated and the attendance was as follows:

Commissioners Present: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Paul Sims
Jessie Wilson
Rebekah Ray

Commissioners Absent: Judy Corts
Sandra Thompson

Also Present: Ginger Maddox Lowrey, AICP, Planning Division Manager
Andrew Ellard, Director of Urban Development
Nick Williams, Planning Division

Chairman Conville declared the meeting of the Hattiesburg Planning Commission open and in session at 1:02 P.M.

INVOCATION

Chairman Conville gave the invocation.

AGENDA REVIEW

There came the matter of the January 2018 Agenda. A request was made by Chairman Conville for a motion to approve the January 2018 Agenda. A motion was made to approve the January 2018 Agenda by Commissioner Miller and seconded by Commissioner Ray.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Paul Sims
Jessie Wilson
Rebekah Ray

Commissioners voting nay: None

Commissioners absent: Jessie Wilson

MINUTES REVIEW

There came the matter of the December 6, 2017, minutes. A request was made by Chairman Conville for a motion to approve the December 6, 2017, minutes. A motion was made by Commissioner Miller to approve the minutes and seconded by Commissioner Hinton.

Commissioners voting aye: Dick Conville, Chairman

Amy Hinton, Vice-Chairman
Mark Miller
Paul Sims
Jessie Wilson
Rebekah Ray

Commissioners voting nay: None
Commissioners absent: Jessie Wilson

REPORTS

BUILDING REPORT

There came the matter of the Building Inspection Report. Steve Mitchell provided a building report for December 2017.

PLANNING REPORT

There came the matter of the Planning Report by Ginger Maddox Lowrey, AICP, Planning Division Manager. On December 19, 2017 the City Council reviewed the following Hattiesburg Planning Commission recommendations and voted as follows: The City of Hattiesburg amendment to the Land Development Code (HPC approval upheld). The City Council tabled Clint Walker’s application for a Digital Billboard permit until January 2, 2018. On January 2, 2018, the City Council Denied the application (HPC approval not upheld). The City Council also denied Clint Walker’s related digital billboard variance approved by the Board of Adjustments.

Mrs. Lowrey also presented and discussed updated variance applications.

CHAIRMAN’S REPORT

There came the matter of the Chairman’s Report. Chairman Conville appointed a nominating committee for 2018 which consists of the following members: Jessie Wilson, Rebekah Ray, Mark Miller.

PUBLIC HEARING – PLANNING COMMISSION

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

There came the matter of Item A (Rezoning), filed by Anthony Wansley, Contractor, on behalf of Clementine Benton, Owner as required in the Land Development Code, Ord. No. 3209, to change the zoning classification for a portion of the property located at 208 McInnis Spring Road (Parcel 041H-27-003.00, PPIN 6970, Ward 5) from Section 4.5.3, R-1A (Single-Family Residential) District to Section 4.5.7, R-3 (Multi-Family Residential) District.

	Name	Address	City/State
<u>Presented by:</u>	Anthony Wansley	PO Box 209	Star, MS
	- Applicant		
<u>Proponents:</u>	None		
<u>Opponents:</u>	Frankie Benton	19 Langston Rd.	Hattiesburg, MS
	Gary James Jones	121 McInnis Springs Rd.	Hattiesburg, MS
	Ludell M. Allen	209 McInnis Springs Rd.	Hattiesburg, MS
	Winsdale Allen	209 McInnis Springs Rd.	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 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 Hinton.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Paul Sims
Jessie Wilson
Rebekah Ray

Commissioners voting nay: None

There came the matter of Item B (Rezone), filed by Marcus Cooper, Applicant, on behalf of V.L. Dye Jr., Owner, Chip Gren, Agent, as required in the Land Development Code, Ord. No. 3209, to change the zoning classification for a certain property located at 2108 W 4th St. Hattiesburg, MS (Parcel 028G-05-143.00, PPIN 26138; Parcel 028J-05-002.00, 26161, Ward 4) from Section 4.5.7, R-3 (Multi-Family Residential) District and Section 4.5.8 B-1 (Professional Business) District to Section 4.5.10, B-3 (Community Business) District.

	Name	Address	City/State
<u>Presented by:</u>	Marcus Cooper - Applicant	2708 Sunset Drive	Hattiesburg, MS
<u>Proponents:</u>	Bo Dye	18 Dove Hollow	Petal, MS
<u>Opponents:</u>	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 Sims.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Paul Sims
Jessie Wilson

Commissioners voting nay: Rebekah Ray

BUSINESS MEETING

There being no further business, the meeting was adjourned at 2:15 PM. Commissioner Hinton made a motion to adjourn the meeting. The motion was seconded at Commissioner Wilson.

Dick Conville, Chairman

Ginger Maddox Lowrey, AICP, CFM, Planning Division Manager

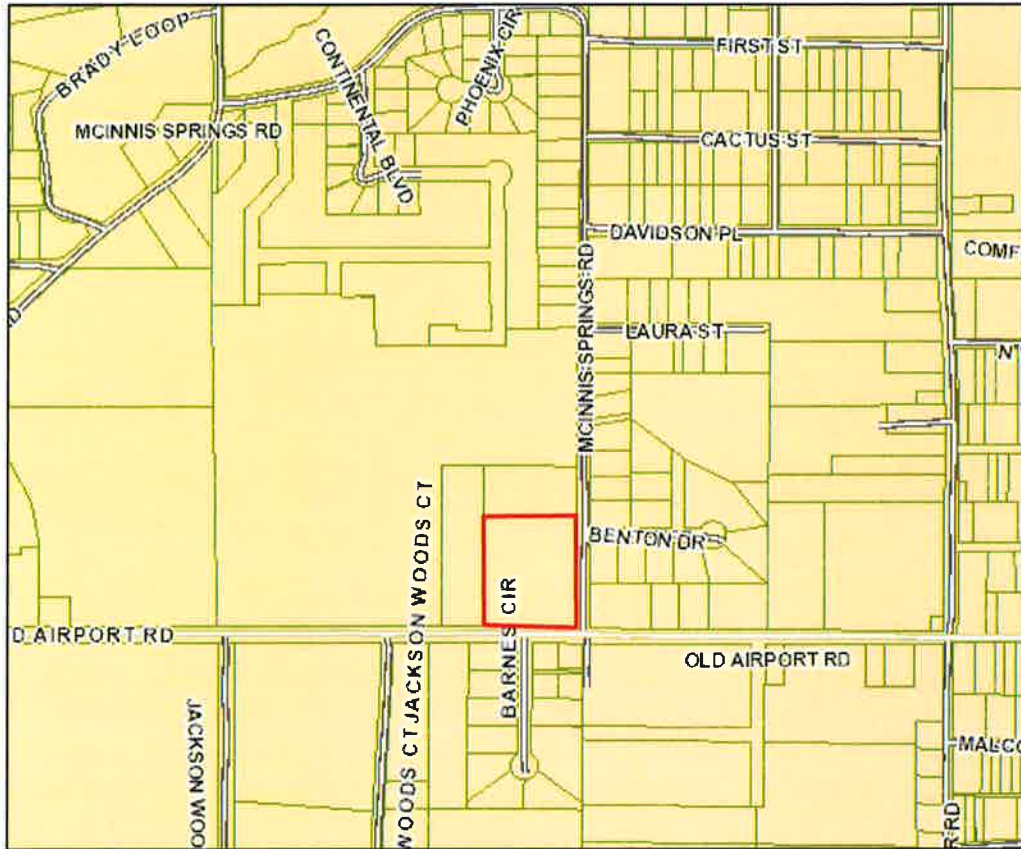
SUBJECT PARCEL: 208 McInnis Spring Road

Anthony Wansley, Contractor, on behalf of Clementine Benton, Owner

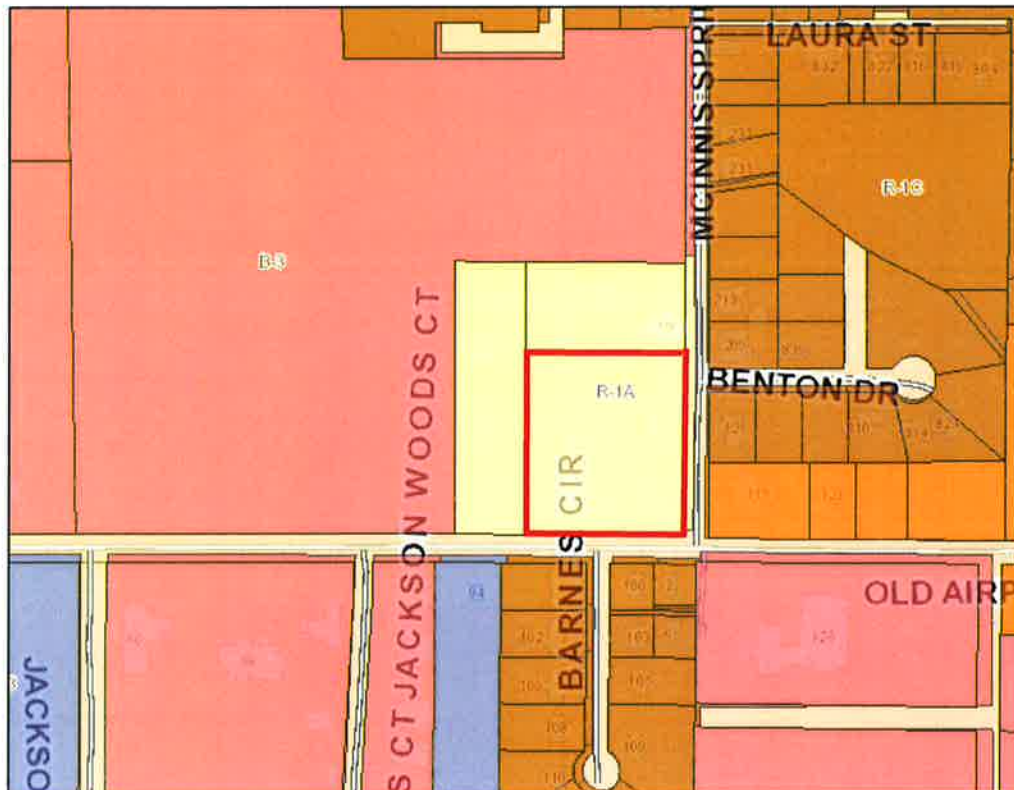
The applicant requests a change the zoning classification for a certain property located at 208 McInnis Spring Road (Parcel 041H-27-003.00, PPIN 6970, Ward 5) from Section 4.5.3, R-1A (Single-Family Residential) District to Section 4.5.7, R-3 (Multi-Family Residential) District.



Vicinity Map—Ward 5



Zoning—R-1A



Site Aerial



SURROUNDING AREA

Northern Direction: R-1A (Single-Family Residential) Residential



Southern Direction: R-1C (Single-Family) Residential



Eastern Direction: R-1C (Single-Family) and B-2 (Neighborhood Business) Residential



Western Direction: R-1A (Single-Family Residential) Undeveloped





**Planning Commission
Case Fact Sheet**

Property Applicant: Anthony Wansley
Property Owner: Clementine Benton

Address of Properties:	Tax Parcels	PPIN:	Ward:
208 McInnis Spring Rd	041H-27-003.00	6970	5

Request: **Zoning Change**

Purpose of Request: To consider an application to change the zoning classification for a portion of a property located at 208 McInnis Springs Road (Parcel 041H-27-003.00, PPIN 6970, Ward 5) from Section 4.5.3, R-1A (Single-Family Residential) District to Section 4.5.7, R-3 (Multi-Family Residential) District.

Applicant Summary: See Attached

Applicable Regulations:

SECTION 4 Zoning Districts Established

4.5.3 R-1A Residential District: The purpose of the R-1A District is to permit single-family residential 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 compatible supporting institutional uses and open space.

4.5.7 R-3 Multi-Family Residential District: The purpose of the R-3 District is to permit medium and high density residential uses including multi-family, two-family, and single-family structures 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 residential neighborhoods with only

compatible supporting institutional uses and open space.

Present Zoning: This parcel is currently zoned R-1A (Residential) District.

Present Use: Undeveloped

Surrounding Zoning and Land Use:

North: R-1A (Single Family Residential) District/Residential
South: R-1C (Single Family Residential) District/ Residential
East: R-1C (Single Family Residential) District/ Residential
B-2 (Neighborhood Business) District/Residential
West: R-1A (Single Family Residential) District/Undeveloped

Most Nearly Bounded By (streets): This parcel is accessible from the South by Old Airport Road, the East by McInnis Springs Road. It is bounded to the West by Brady Road and the North by McInnis Springs Road.

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of December 27, 2017

History / Background: This property is proposed to be subdivided, with the existing single family residence to remain zoned as R-1A, Single Family. A refined property description was provided by the applicant describing this lot area. Subdivision (minor) of the lot would be reviewed administratively

Sufficient utilities exist in the public right-of-way.

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

Rezoning Information (1 page)

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

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

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

The property located on the corner of Old Airport Rd. and McInnis Spring Rd. is a good location for multi-family dwelling. The duplex for this area will not only enhance the neighborhood, but will provide moderate income families the ability to have decent living. We have spoken with Mr. Frank Hall with Concerned Citizens of Palmer Crossing concerning this project and also email him the design for this project. Mr. Frank Hall concern was the construction traffic, and remove all debris and leave the premises in clean condition. We also agreed that this project will be favorable for families in need of dwelling.



CLEMENTINE E. BENTON
DB. 322, PG. 175
1.55 Acres (REMAINDER)

EAST 338.00'

130704.60 Sq. Feet
3.00 Acres

ZONE B-2

PROPERTY LOCATED IN ZONE 'X'
FIRM NO. 28035C019D, DATED:03/02/2010

MCINIS SPRING ROAD

SOUTH 386.70'

P.O.B.

WEST 338.00'

(PALMERS ROAD)

OLD AIRPORT ROAD

NORTH 91.10'

23.00' WEST

COMMENCE AT SW CORN
AREA OF SE1/4 OF SEC. 27
T-4-N, R-13-W, FORREST COUNTY, MISS

NOTE:
EXHIBIT WAS PREPARED FROM RECORD
DB. 322, PG. 175. FIELD SURVEY OF THE
SITE WAS NOT PERFORMED.
MEASUREMENTS ARE FROM RECORD
DEEDS

3.00 ACRE DUPLEX SITE
ANTHONY WANSLEY
LOC. NE1/4 OF SE1/4 OF SEC. 27
T-4-N, R-13-W, FORREST COUNTY, MISS

GREENE LAND SURVEYING, INC.

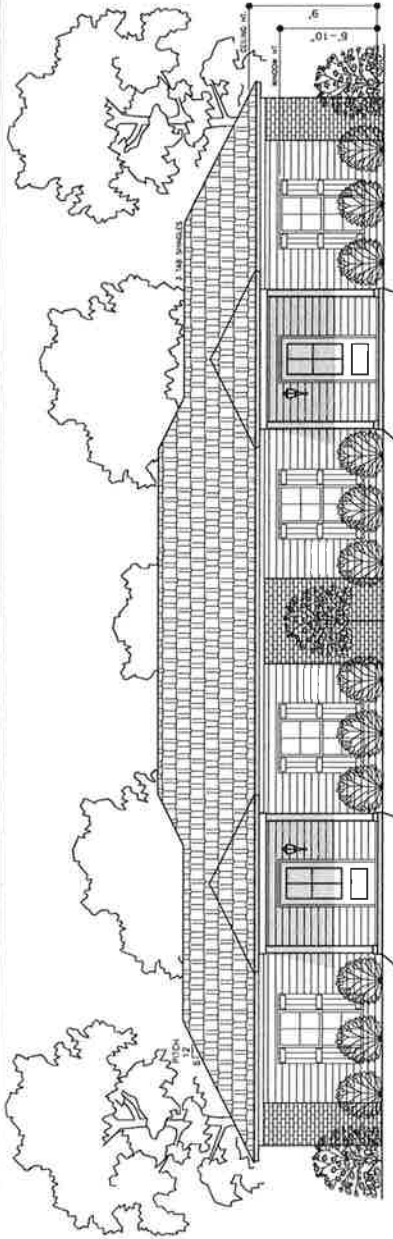
872 PRISOCK ROAD

BYRAM, MISS 39272

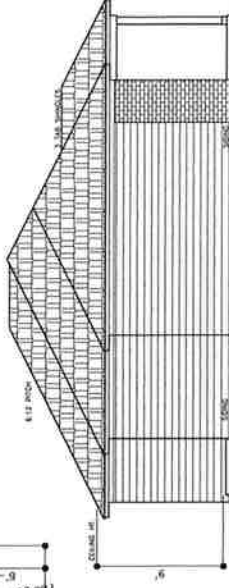
TEL. NO. 601 940-4771

DATE: 12-19-2017

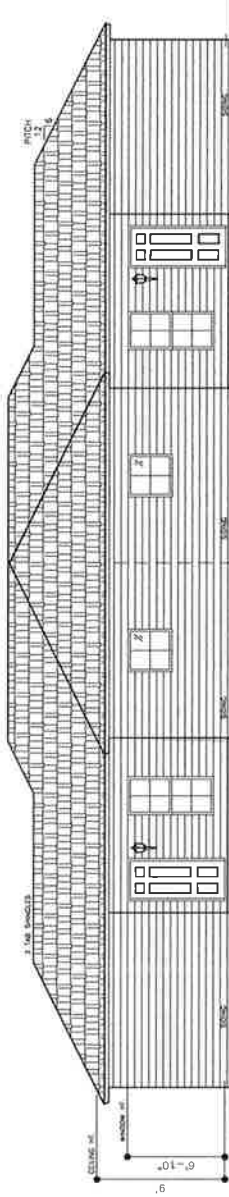
SCALE: 1"=100'



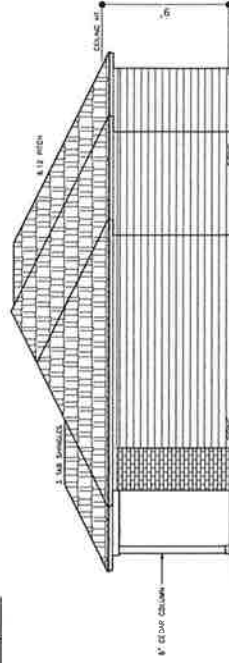
1 FRONT ELEVATION
SCALE 1/4"=1'



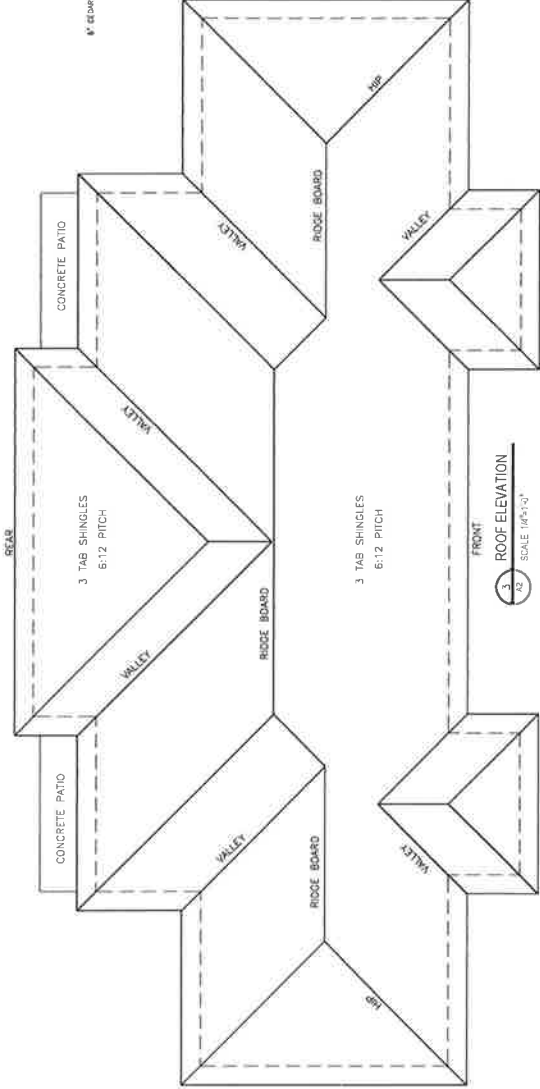
4 LEFT SIDE ELEVATION
SCALE 1/4"=1'



2 REAR ELEVATION
SCALE 1/4"=1'

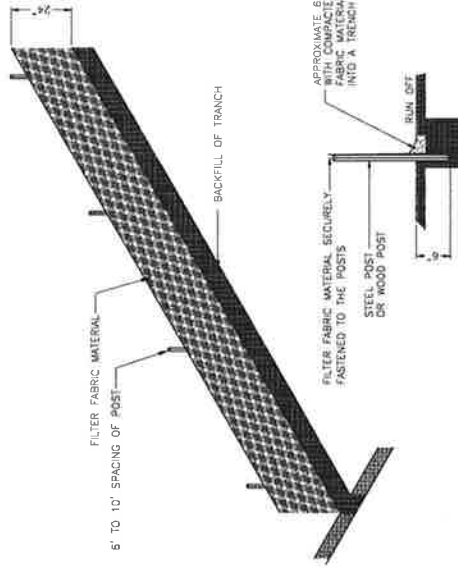
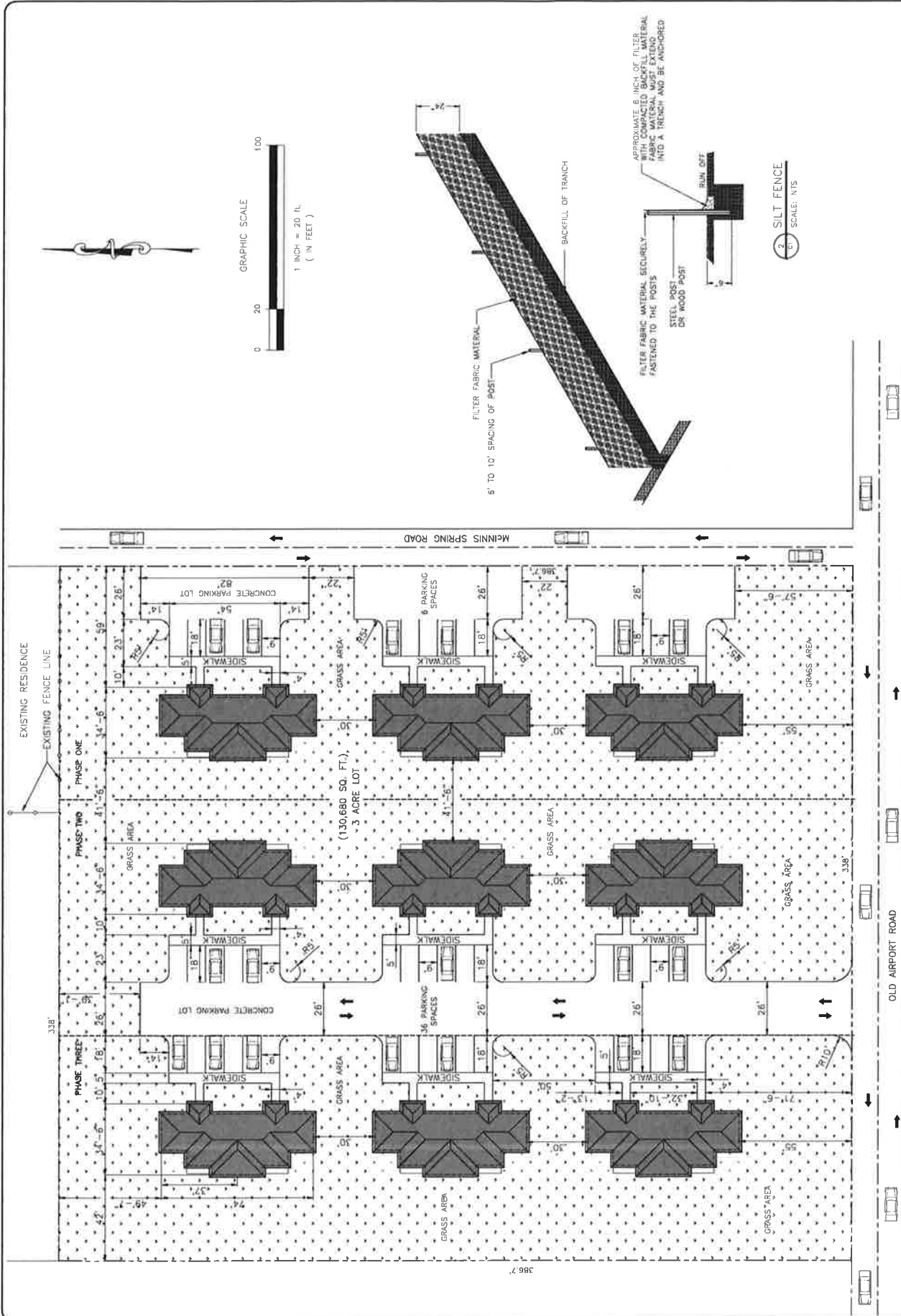


5 RIGHT SIDE ELEVATION
SCALE 1/4"=1'



- NOTES:
1. PROVIDE EXHAUST FAN ON ROOF
 2. ALL VENTS THROUGH ROOF TO BE LOCATED ON THE REAR SIDE OF RIDGE WHERE FEASIBLE

3 FRONT ROOF ELEVATION
SCALE 1/4"=1'



December 28, 2017

Dear Zone Committee

I hope this message finds all well with you and your family after the holiday season. My name is Frankie Benton and I am a long time resident of Hattiesburg, MS. Having been graced with 91 years of life, I have seen more ups and downs than most and for the time I have left I want to use my voice to create more ups for my family, my friends and my beloved community of Palmer's Crossing.

We are the only place in the county that people think they can dump whatever they want to dump on us. It is time that we get some of the good things, like a shopping center or a healthy eating place. Everyone that comes to town looks to build places to take our community down because we have become the dump place in town.

I have lived in Palmer's Crossing for most of my life and have seen lots of changes. I was here when we got a better school, our first fire station, our first laundromat and trailer park. I wrote to and worked with Gean Taylor to resolve the flooding issue when money given to Palmer's was spent on Gordon Creek. I have been in everything that came to Palmer's Crossing that help us and I have been outspoken on things that did not help us.

There is currently a proposal to rezone a single family residence to a multi family residence. We do not need any apartments; we already have a mess of them. We could take a part of Airport Road, from Edwards Street to James Street, for business space to build a strip mall or shopping center. These types of businesses will draw crowds which would encourage more growth.

In addition, it is time we call Palmer's Crossing what it is "South Hattiesburg". There is so much rich history here that is connected to the city of Hattiesburg and if it were looked at as a branch of Hattiesburg instead of a separate entity, I believe the name change alone would change the mindset of many residents and future investors. There are people who would like to see Palmer's Crossing become a part of Hattiesburg in their life time.

Thank you for your consideration

Respectfully,



Frankie L. Benton, Sr.

RECEIVED

JAN 02 2017



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 PROPERTY LOCATED AT 208 MCINNIS SPRING ROAD (PARCEL
041H-27-003.00, PPIN 6970, WARD 5) FROM SECTION 4.5.3, R-1A (SINGLE-FAMILY
RESIDENTIAL) DISTRICT TO SECTION 4.5.7, R-3 (MULTI-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:

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

Said properties are described as follows:

**DESCRIPTION OF 3.00 ACRE DUPLEX SITE OLD AIRPORT ROAD, (PALMER ROAD)
HATTESBURG, MISSISSIPPI**

Commence at the southeast corner of the Northeast Quarter of the Southeast Quarter of Section 27, Township 4 North, Range 13 West, Forrest County, Mississippi, and run thence West for a distance of 23.0 feet to a point; Run thence North for a distance of 51.1 feet to the North line of (PalmerS Road) Old Airport Road, and the Point of Beginning: Run thence West for a distance of 338.00 feet to a point; Run thence North for a distance of 386.70 feet to a point; Run thence

East for a distance of 338.00 feet to the West line of McInnis Spring Road; Run thence South for a distance of 386.70 feet along said Road West line to the Point of Beginning.

The above described parcel of land is situated in the Northeast Quarter of the Southeast Quarter of SE4ction 27, Township 4 North, Range 13 West, Forrest County, Mississippi, and contains, 3.00 acres, more or less.

Indexing Instructions: NE1/4 OF SE1/4 OF SEC. 27, T-4-N, R-13-W, FORREST COUNTY, MISS

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



City of Hattiesburg, MS

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

Master

File Number: 2018-224

File ID: 2018-224

Type: Ordinance

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 02/08/2018

Brief Title: 1200 Edwards Street - Rezoning

Final Action: 02/20/2018

Minute Book Number: MB2018-38

Title: Adopt an Ordinance for the petition filed by Valerie Cameron, Representative, on behalf of Donnie Myers, Owner, to change the zoning classification for a certain property located at 1200 Edwards Street (Parcel 038H-15-198.00, PPIN 26857, Ward 2) from Section 4.5.13, I-1 (Light Industrial) District to Section 4.5.10, B-3 (Community Business) District. The Planning Commission recommended to Approve on February 7, 2018.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-2

Sponsors:

Enactment Date:

Attachments: Feb HPC Minutes, 1200 Edwards Street - packet, Ordinance - 1200 Edwards, ORD#3226, executed ordinance -1200 Edwards

Enactment Number:

Contact:

Meeting Date: 02/20/2018

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	02/20/2018	Adopt				Pass
Action Text: A MOTION was made by Council Member Delgado and seconded by Council Member Brown to Adopt an Ordinance (#3226) for the petition filed by Valerie Cameron, Representative, on behalf of Donnie Myers, Owner, to change the zoning classification for a certain property located at 1200 Edwards Street (Parcel 038H-15-198.00, PPIN 26857, Ward 2) from Section 4.5.13, I-1 (Light Industrial) District to Section 4.5.10, B-3 (Community Business) District. The Planning Commission recommended to Approve on February 7, 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 2018-224

Title

Adopt an Ordinance for the petition filed by Valerie Cameron, Representative, on behalf of Donnie Myers, Owner, to change the zoning classification for a certain property located at 1200 Edwards Street (Parcel 038H-15-198.00, PPIN 26857, Ward 2) from Section 4.5.13, I-1 (Light Industrial) District to Section 4.5.10, B-3 (Community Business) District. The Planning Commission recommended to Approve on February 7, 2018.

Summary

1200 Edwards Street - Rezoning

Budget Information

Expenditure Type

Purchasing Item

Publication Information

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

The Hattiesburg Planning Commission did meet in a regular session on February 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
Paul Sims
Isaiah Easterling
Kenneth Waites
James Hughes
Rebekah Ray
Judy Corts

Commissioners Absent: Jessie Wilson
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 1:00 P.M.

INVOCATION

Commissioner Ray gave the invocation.

AGENDA REVIEW

There came the matter of the February 2018 Agenda. A request was made by Chairman Conville for a motion to approve the February 2018 Agenda. A motion was made to approve the February 2018 Agenda by Commissioner Corts and seconded by Commissioner Ray.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Paul Sims
Isaiah Easterling
Kenneth Waites
James Hughes
Rebekah Ray
Judy Corts

Commissioners voting nay: None

MINUTES REVIEW

There came the matter of the January 6, 2017, minutes. A request was made by Chairman Conville for a motion to approve the January 3, 2018, minutes with a correction to the votes for two items. 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
Paul Sims
Isaiah Easterling
Kenneth Waites
James Hughes
Rebekah Ray
Judy Corts

Commissioners voting nay: None

REPORTS

BUILDING REPORT

There came the matter of the Building Inspection Report. Steve Mitchell provided a building report for October 2017 through January 2018.

PLANNING REPORT

There came the matter of the Planning Report by Ginger Maddox Lowrey, AICP, Planning Division Manager. Mrs. Lowrey introduced three new Planning Commissioners, appointed by City Council on January 6, 2018: Isaiah Easterling (W5), James Hughes (W5), and Kenneth Waits (W1). On January 16, 2018 the City Council reviewed the following Hattiesburg Planning Commission recommendations and voted as follows: The City Council tabled the rezoning of 208 McInnis Springs (HPC denial tabled); City Council approved the rezoning of 2108 West Fourth Street (HPC approval upheld).

CHAIRMAN'S REPORT

There came the matter of the Chairman's Report. Chairman Conville invited Commissioner Miller to present the nominations. Commissioner Mark Miller spoke for the nominating committee, including Commissioner Wilson and Commissioner Ray, and announced the following nominations: Dick Conville – Chairman, Amy Hinton – Vice Chair, Mark Miller – Secretary.

Chairman Conville deferred the order of the meeting to Commission Corts. Commissioner Corts entertained additional nominations from the floor. There were none. Commissioner Corts entertained a motion on the nominations. Chairman Sims made a motion to approve the nominations and Chairman Waits seconded. The vote passed unanimously.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Paul Sims
Isaiah Easterling
Kenneth Waites
James Hughes
Rebekah Ray
Judy Corts

Commissioners voting nay: None

PUBLIC HEARING – PLANNING COMMISSION

Chairman Conville declared the Public Hearing for the Planning Commission open at 1:25 P.M. and read the rules and procedures of the hearing.

There came the matter of Item A (Rezone), filed by Valerie Cameron, Representative, on behalf of Donnie Myers, Owner as required in the Land Development Code, Ord. No. 3209, to change the zoning classification for a certain property located at 1200 Edwards Street (Parcel 038H-15-198.00, PPIN 26857, Ward 2) from Section 4.5.13, I-1 (Light Industrial) District to Section 4.5.10, B-3 (Community Business) District.

	Name	Address	City/State
<u>Presented by:</u>	Donnie Myers	606 Stevens Street	Hattiesburg, MS
	- Owner		
<u>Proponents:</u>	Alma Myers	606 Stevens Street	Hattiesburg, MS
<u>Opponents:</u>	None		

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner 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, Vice-Chairman
Mark Miller
Paul Sims
Isaiah Easterling
Kenneth Waites
James Hughes
Rebekah Ray
Judy Corts

Commissioners voting nay: None

There came the matter of Item B (Preliminary Plat Review for a Major Subdivision), filed by Shea McNease, Engineer, SD&W, on behalf of Rob Tatum., Owner, as required in the Land Development Code, Ord. No. 3209, to consider an application to file a preliminary plat for a major subdivision (condominiums) for a certain piece of property located between South 31st Avenue and South 30th Avenue, south of Hardy Street Hattiesburg, MS (Parcel 028N-07-078, PPIN 20837; Parcel 028N-07-079.00, PPIN 26492. Ward 3).

	Name	Address	City/State
<u>Presented by:</u>	Rick Sullivan	301 2 nd Ave	Hattiesburg, MS
	- Representative, SD&W		
<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 Miller made a motion to approve an application to file a preliminary plat for a major subdivision for a certain piece of property located between South 31st Avenue and South 30th Avenue, South of Hardy Street. The motion was seconded by Commissioner Corts.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Paul Sims
Isaiah Easterling
Kenneth Waites
James Hughes
Rebekah Ray
Judy Corts

Commissioners voting nay: None

BUSINESS MEETING

There being no further business, the meeting was adjourned at 1:59 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

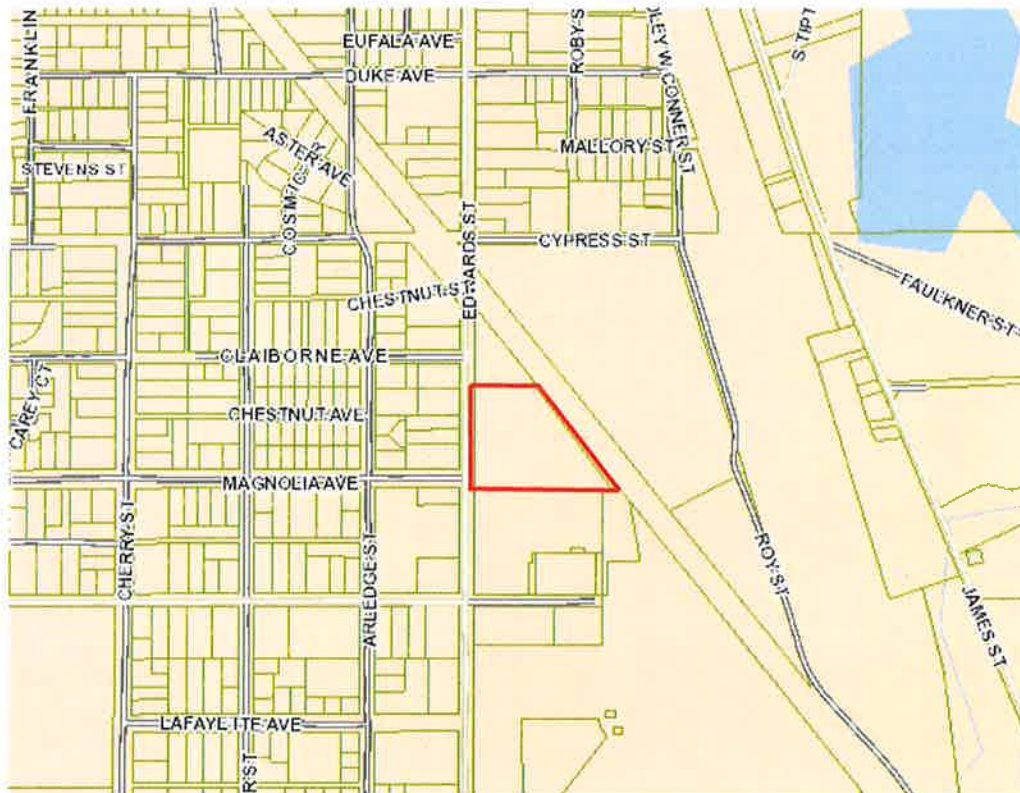
SUBJECT PARCEL: 1200 Edwards Street

Valerie Cameron, Representative, on behalf of Donnie Myers, Owner

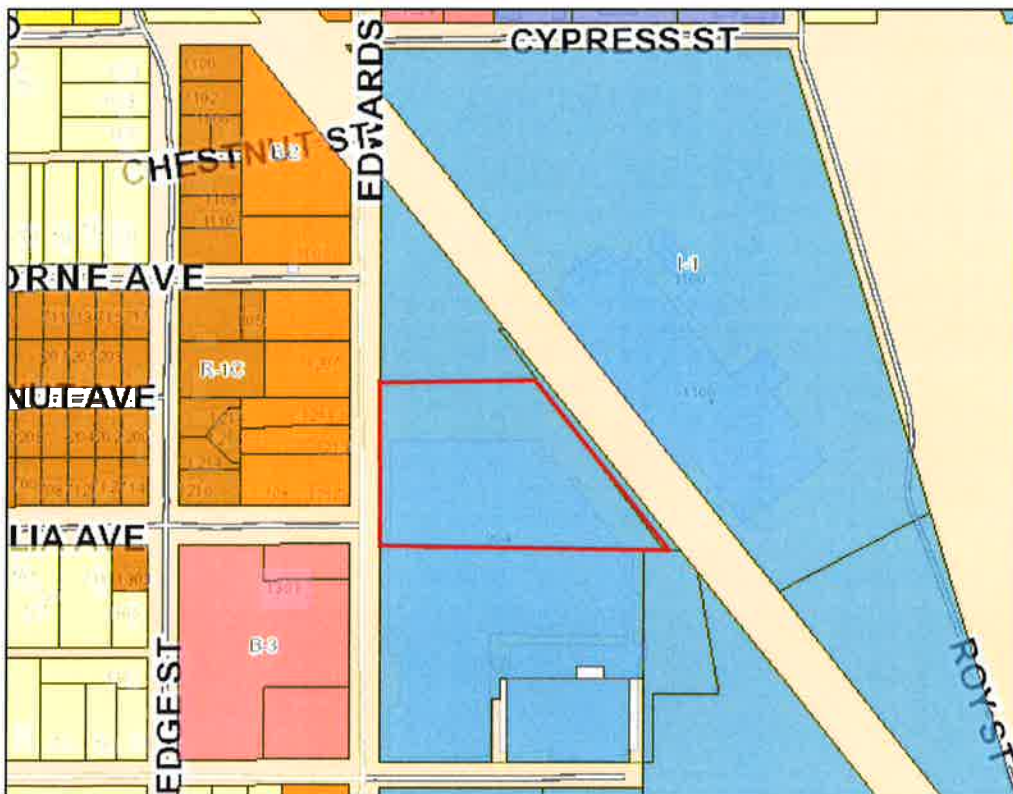
The applicant requests a change the zoning classification for a certain property located at 1200 Edwards Street (Parcel 038H-15-198.00, PPIN 26857, Ward 2) from Section 4.5.13, I-1 (Light Industrial) District to Section 4.5.10, B-3 (Community Business) District.



Vicinity Map—Ward 2



Zoning—I-1



Site Aerial



SURROUNDING AREA

Northern Direction: I-1 (Light Industrial) Commercial



Southern Direction: I-1 (Light Industrial) Vacant



Eastern Direction: I-1 (Light Industrial) Vacant



Western Direction: B-2 (Neighborhood Business) Residential ; B-3 (Community Business) Commercial





**Planning Commission
Case Fact Sheet**

Property Applicant: Valerie Cameron, Representative
Property Owner: Donnie Myers

Address of Properties:	Tax Parcels	PPIN:	Ward:
1200 Edwards Street	038H-15-198.00	26857	2

Request: **Zoning Change**

Purpose of Request: To consider an application to change the zoning classification for a certain property located at 1200 Edwards Street (Parcel 038H-15-198.00, PPIN 26857, Ward 2) from Section 4.5.13, I-1 (Light Industrial) District to Section 4.5.10, B-3 (Community Business) District.

Applicant Summary: See Attached

Applicable Regulations:

SECTION 4 Zoning Districts Established

4.5.13 I-1 Light Industrial District: The purpose of the I-1 District is to provide for the development of research, light industrial, office parks, warehouse, and distribution centers consistent with comprehensive planning policies. This district is consistent with the Industry and Corporate Office District in the Comprehensive Plan.

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

Present Zoning: This parcel is currently zoned I-1 (Light Industrial)

Present Use: Vacant Industrial

**Surrounding Zoning
and Land Use:**

North: I-1 (Light Industrial) District/Commercial
South: I-1 (Light Industrial) District/Vacant
East: I-1 (Light Industrial) District/Vacant
West: B-2 (Neighborhood Business) District/Residential
B-3 (Community Business) District/Commercial

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

This parcel is accessible from the West by Edwards Street. It is bounded on the North by Cypress Street, the East by Roy Street, and the South by Tuscan Avenue.

**Letters or
Concerns stated:**

The Planning Division Office has not received any letters or other written communications relative to this case as of January 23, 2018

History / Background:

The applicant is proposing to both redevelop parts of the existing structure on the rear of the property as well as construct a new building on the front of the property in the future.

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

Rezoning Information (1 page)

One of the following conditions must be met before a rezoning can be recommended.

Check the condition(s) most applicable to your request and explain in writing.

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

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

I'm writing this application requesting the rezoning the property at 1200 EDWARDS STREET, for the construction of a church building. We also have an existing building that we want to remodel. We are in need of a larger sanctuary, for the purpose of being able to host local and state meetings. Our current facilities are too small to host these meetings. We also feel that the location on Edwards Street will be easier to find, for out of town visitors. It would enhance the looks of our community and the property. Not to mention that we feel our ministry would increase dramatically. Since we started ministry back in 1995, we've never been able to host any state meetings, without using someone else's facilities. We want our own facilities, so that we can completely accomplish the vision that we have for our congregation.

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 PROPERTY LOCATED 1200 EDWARDS STREET (PARCEL 038H-
15-198.00, PPIN 26857, WARD 2) FROM SECTION 4.5.13, I-1 (LIGHT INDUSTRIAL)
DISTRICT TO SECTION 4.5.10, B-3 (COMMUNITY BUSINESS) DISTRICT.
BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF
HATTIESBURG, MISSISSIPPI:**

SECTION 1. That the Comprehensive Zoning District Map, adopted as part of the 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 Approve said change in zoning for the following reasons:

There is a material change in the circumstances and conditions of the neighborhood and area surrounding the petitioned property and there is a public need for the change in question, based on the comprehensive plan

Said properties are described as follows:

Legal Description:
POB INTSEC B & H S R/R AND; EDWARDS S 732 E 500 NWLY ALG
R/R TO POB CONT 4.2 AC NW1/4; SE1/4 LESS 11,132 SQ FT SOLD
TO BIG YANK CORP 520/541 2/83; 10/92 679/202 715/357 8/94
PREV #:H1028-00-008; LESS PT SOLD B1216 P381 12/21/2015
Block 015 Section 15 Township 04N Range 13W

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

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 3226

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 PROPERTY LOCATED 1200 EDWARDS STREET (PARCEL 038H-
15-198.00, PPIN 26857, WARD 2) FROM SECTION 4.5.13, I-1 (LIGHT INDUSTRIAL)
DISTRICT TO SECTION 4.5.10, B-3 (COMMUNITY BUSINESS) DISTRICT.
BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF
HATTIESBURG, MISSISSIPPI:**

SECTION 1. That the Comprehensive Zoning District Map, adopted as part of the 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 Approve said change in zoning for the following reasons:

There is a material change in the circumstances and conditions of the neighborhood and area surrounding the petitioned property and there is a public need for the change in question, based on the comprehensive plan

Said properties are described as follows:

Legal Description:

POB INTSEC B & H S R/R AND; EDWARDS S 732 E 500 NWLY ALG
R/R TO POB CONT 4.2 AC NW1/4; SE1/4 LESS 11,132 SQ FT SOLD
TO BIG YANK CORP 520/541 2/83; 10/92 679/202 715/357 8/94
PREV #:H1028-00-008; LESS PT SOLD B1216 P381 12/21/2015
Block 015 Section 15 Township 04N Range 13W

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 Delgado seconded by Council member Brown and was adopted by the following vote to-wit:

YEAS:

George
Delgado
Carroll
Dryden
Brown

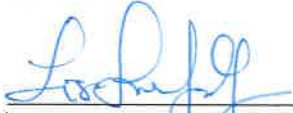
NAYS:

None

THE President thereby declared the motion carried and the foregoing Ordinance adopted and approved, this the 20th day of February A.D., 2018.

(S E A L)

ATTEST:


DEPUTY CLERK OF COUNCIL

ADOPTED:


PRESIDENT

THE above and foregoing Ordinance having been submitted to and approved by the Mayor, this the 20th day of February A.D., 2018.

ATTEST:


CITY CLERK

APPROVED:


MAYOR



City of Hattiesburg, MS

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

Master

File Number: 2018-220

File ID: 2018-220

Type: Regular Agenda Item

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 02/08/2018

Brief Title: 210 North 32nd Avenue - Variance - Impervious lot coverage

Final Action: 02/20/2018

Minute Book Number: MB2018-38-39

Title: APPROVE or DENY a petition filed by Lynn Greer, Architect, Mike Essary, Representative, on behalf of Wesley Foundation of MS Southern College to vary from Section 6, Table 6.1 which states maximum impervious surface lot coverage for property located in an R-3 Zone is 50% and instead allow a total of 69% impervious lot coverage for a variance of 19% for a property located at 210 North 32nd Avenue, Hattiesburg, MS (Parcel 028K-07-005.00, PPIN 22976; Parcel 028K-07-004.00, PPIN 22975, Ward 1). The Board of Adjustment recommended to APPROVE with a condition on February 7, 2018.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-3

Sponsors:

Enactment Date:

Attachments: Feb BOA Minutes, 210 North 32nd Ave - packet

Enactment Number:

Contact:

Meeting Date: 02/20/2018

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	02/20/2018	Approve				Pass

Action Text: A MOTION was made by Council Member George and seconded by Council Vice President Dryden to APPROVE with condition a petition filed by Lynn Greer, Architect, Mike Essary, Representative, on behalf of Wesley Foundation of MS Southern College to vary from Section 6, Table 6.1 which states maximum impervious surface lot coverage for property located in an R-3 Zone is 50% and instead allow a total of 69% impervious lot coverage for a variance of 19% for a property located at 210 North 32nd Avenue, Hattiesburg, MS (Parcel 028K-07-005.00, PPIN 22976; Parcel 028K-07-004.00, PPIN 22975, Ward 1).The Board of Adjustment recommended to APPROVE with a condition on February 7, 2018.

Discussion related to the Board of Adjustment condition, which concerned the handling of excess water runoff.

Mr. Essary responded to questions from the Council.

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 2018-220

Title

APPROVE or DENY a petition filed by Lynn Greer, Architect, Mike Essary, Representative, on behalf of Wesley Foundation of MS Southern College to vary from Section 6, Table 6.1 which states maximum impervious surface lot coverage for property located in an R-3 Zone is 50% and instead allow a total of 69% impervious lot coverage for a variance of 19% for a property located at 210 North 32nd Avenue, Hattiesburg, MS (Parcel 028K-07-005.00, PPIN 22976; Parcel 028K-07-004.00, PPIN 22975, Ward 1).The Board of Adjustment recommended to APPROVE with a condition on February 7, 2018.

Summary

210 North 32nd Avenue - Variance - Impervious lot coverage

Budget Information

Expenditure Type

Purchasing Item

Publication Information

**MINUTES OF THE
REGULAR MEETING OF THE
HATTIESBURG BOARD OF ADJUSTMENT
February 7, 2018**

The Hattiesburg Board of Adjustment did meet in a regular session on February 7, 2018 immediately following the Planning Commission agenda at 2:00 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:

Board Members Present: Dick Conville, Chairman
Judy Corts
Isaiah Easterling
Amy Hinton, Vice-Chairman
James Hughes
Mark Miller
Paul Sims
Kenneth Waits
Rebekah Ray

Board Members Absent: Jessie Wilson

Also Present: Ginger Maddox Lowrey, AICP, Planning Division Manager
Andrew Ellard, Director of Urban Development
Stephen Guthrie, Planning Division

Chairman Conville declared the meeting of the Hattiesburg Board of Adjustment open and in session at 2:00 P.M.

AGENDA REVIEW

There came the matter of the February 2018 Agenda. A request was made by Chairman Conville for a motion to approve the February 2018 Agenda. A motion was made to approve the February 2018 Agenda by Amy Hinton and seconded by Mark Miller.

Board Members voting aye: Dick Conville, Chairman
Judy Corts
Isaiah Easterling
Amy Hinton, Vice-Chairman
James Hughes
Mark Miller

Paul Sims
Kenneth Waits
Rebekah Ray

Board Members voting nay: None

REPORTS

PLANNING REPORT

There came the matter of the Planning Report by Ginger Maddox Lowrey, AICP, Planning Division Manager. Mrs. Lowrey introduced three new Board of Adjustment members, appointed by City Council on January 6, 0218: Isaiah Easterling (W5), James Hughes (W5), and Kenneth Waits (W1).

CHAIRMAN'S REPORT

There came the matter of the Chairman's Report. Chairman Conville invited Commissioner Miller to present the nominations. Commissioner Mark Miller spoke for the nominating committee, including Commissioner Wilson and Commissioner Ray, and announced the following nominations: Dick Conville – Chairman, Amy Hinton – Vice Chair, Mark Miller – Secretary.

Chairman Conville deferred the order of the meeting to Commission Courts. Commissioner Courts entertained additional nominations from the floor. There were none. Commissioner Courts entertained a motion on the nominations. Chairman Ray made a motion to approve the nominations and Chairman Hughes seconded. The vote passed unanimously.

PUBLIC HEARING – BOARD OF ADJUSTMENT

Dick Conville declared the Public Hearing for the Board of Adjustment open at 2:05 P.M.

There came the matter of Item A (Variance), filed by Lynn Greer, Architect, Mike Essary, Representative, on behalf of Wesley Foundation of MS Southern College as required in the Land Development Code, Ord. No. 3209, to vary from Section 6, Table 6.1 which states maximum impervious surface lot coverage for property located in an R-3 Zone is 50% and instead allow a total of 69% impervious lot coverage for a variance of 19% for a property located at 210 North 32nd Avenue, Hattiesburg, MS (Parcel 028K-07-005.00, PPIN 22976; Parcel 028K-

07-004.00, PPIN 22975, Ward 1).

	Name	Address	City/State
<u>Presented by:</u>	Mike Essary	38 Baneberry Trace	Hattiesburg, MS
	- Representative, Engineer Neel-Schaffer		
	Lynn Greer	5211 Old Hwy 11	Hattiesburg, MS
<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. Mark Miller made a motion to approve the request for variance with the following basis: Hardship, the hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant & there are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district; Special Privilege, a variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district [interpreted geographically surrounding the location within USM campus]; Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district [interpreted geographically surrounding the location within USM campus] and would cause unnecessary and undue hardship on the applicant; and Reasonable Use the applicant cannot make reasonable use of the property without the requested variance. The following Condition was also established: The percent volume water runoff created by impervious area greater than allowed by code (19%) will be detained onsite. The motion was seconded by Amy Hinton.

Board members voting aye: Dick Conville, Chairman
 Judy Corts
 Isaiah Easterling
 Amy Hinton, Vice-Chairman
 James Hughes
 Mark Miller
 Paul Sims
 Kenneth Waits
 Rebekah Ray

Commissioners voting nay: None

BUSINESS MEETING

There being no further business, the meeting was adjourned at 2:45 PM. Judy Corts made a motion to adjourn the meeting. The motion was seconded at Commissioner Hinton.

Dick Conville, Chairman

Ginger Maddox Lowrey, AICP, CFM, Planning Division Manager

SUBJECT PARCEL: 210 North 32nd Avenue

Lynn Greer, Architect, Mike Essery, Representative, on behalf of Wesley
Foundation of MS Southern College

The applicant requests to vary from Section 6, Table 6.1 which states maximum impervious surface lot coverage for property located in an R-3 Zone is 50% and instead allow a total of 69% impervious lot coverage for a variance of 19% for a property located at 210 North 32nd Avenue, Hattiesburg, MS (Parcel 028K-07-005.00, PPIN 22976; Parcel 028K-07-004.00, PPIN 22975, Ward 1).



Site Aerial



SURROUNDING AREA

Northern Direction: R-3 (Multi-Family) University



Southern Direction: R-3 (Multi-Family) University



Eastern Direction: R-3 (Multi-Family) Place of Assembly



Western Direction: R-3 (Multi-Family) University





**Board of Adjustments
Case Fact Sheet**

Property Applicant: Lynn Greer, Architect, Mike Essery, Representative
Property Owner: Wesley Foundation of MS Southern College

Address of Properties:	Tax Parcels	PPIN:	Ward:
210 North 32 nd Avenue	028K-07-004.00	22975	1
	028K-07-005.00	22976	

Request: **Variance**

Purpose of Request: To consider an application to vary from Section 6, Table 6.1 which states maximum impervious surface lot coverage for property located in an R-3 Zone is 50% and instead allow a total of 69% impervious lot coverage for a variance of 19% for a property located at 210 North 32nd Avenue, Hattiesburg, MS (Parcel 028K-07-005.00, PPIN 22976; Parcel 028K-07-004.00, PPIN 22975, Ward 1).

Applicant Summary: See Attached

Applicable Regulations:

SECTION 6 **Table 6.1**

Table 6.1 Dimensional Standards										
District	Minimum Lot Size in SF/ Width at Setback	Max. Dwelling Units	Max. Floor Area Ratio	Setbacks in feet				Max. Height*	Max. Impervious Surface Lot Coverage	Buffer in Feet
				Min. Front	Max. Front	Min. Side	Min. Rear			
R-3	7,500/ 40	17 per acre	-	20	-	5	20	35 feet or 3 stories	50%	-

Present Zoning: This parcel is currently zoned R-3 (Multi-Family Residential) District/Place of Assembly including residential services

Present Use: Place of Assembly including residential services

Surrounding Zoning and Land Use:
North: R-3 (Multi-Family Residential) District/University
South: R-3 (Multi-Family Residential) District/University
East: R-3 (Multi-Family Residential) District/Place of Assembly
West: R-3 (Multi-Family Residential) District/University

Most Nearly Bounded By (streets): This parcel is accessible from the North by Montague Road and the East by North 32nd Avenue. It is bounded to the South by Pearl Street and to the West by Ross Boulevard.

Letters or Concerns stated: The Planning Division Office has not received any letters or other written communications relative to this case as of January 23, 2018

History / Background: This property is proposed for redevelopment of the same use. The proposed redevelopment would increase the non-conformity of impervious lot coverage. The current impervious lot coverage currently exceeds the required 50% coverage at 56.4%. The request is for 69% impervious lot coverage.

Basis for Approval (12.4.1.1):

_____ I. Hardship.

- The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant.
- There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

_____ II. Special Privilege. A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

_____ III. Literal Interpretation. The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

_____ IV. Reasonable Use. The applicant cannot make reasonable use of the property without the requested variance.

_____ V. Minimum Required. The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

_____ VI. Conformance with the Purposes of this Code. The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

Variance Information

The Board of Adjustment has the responsibility to hear and make recommendation on requests for variances to the requirements of this Code (per Section 11.4.). Section 12.4.1 Variances are departures from the standards of the Land Development Code, except land use, which will not be contrary to the public interest and where, owing to conditions peculiar to the property and not as a result of the action of the applicant, a literal enforcement of this Code would result in unnecessary and undue hardship.

The following conditions must be met before a variance can be recommended. Not all criteria must be met. However, a strong application will meet multiple criteria.

Approval Criteria.

A variance is not a right, but a privilege that property owners meeting the following criteria may request. These criteria are to be used to consider all variance requests. It shall be the burden of the applicant to prove that the request meets these criteria. Use this worksheet or format your own to demonstrate the following criteria.

1. **Hardship.** (a) The hardship is unique to the property and is not or will not be caused by the actions or inactions of the applicant. (b) There are exceptional conditions creating an undue hardship applicable only to the property involved or the intended use which do not apply generally to the other land areas or uses within the same zoning district.

The proposed project will utilize the existing on-site parking configuration and be larger in scope. The requested variance is in response to the needs of the owner to reconstruct a facility that will meet the new needs of the Wesley Foundation. As such, a larger lot coverage is necessary. Completing a smaller project would be a functional hardship. The existing facility already exceeds the minimum requirements of the code.

2. **Special Privilege.** A variance shall not confer any special privilege that is denied to other lands or structures in the same zoning district.

The proposed project will not affect the surrounding building in any different way and is currently surrounded by like-zoned parcels belonging to the University of Southern Mississippi. The use of the new project will not change and will operate exactly as it presently does. No special privilege will result.

3. **Literal Interpretation.** The literal interpretation of the provisions of the regulations would deprive the applicant of rights commonly enjoyed by other properties in the same zoning district and would cause unnecessary and undue hardship on the applicant.

By conforming to the pervious / impervious proportions required by the land use code, the owner would not be able to construct a facility that would be operationally feasible or functional for the current needs of the users of the proposed facility, therefore this application is requesting that the

Variance Information

pervious / impervious threshold of 50% coverage be increased. The existing facility already exceeds the minimum requirements of the code.

4. **Reasonable Use.** The applicant cannot make reasonable use of the property without the requested variance.

The current facility does not meet current code requirements and since the needs of the owner have evolved since the original facility was constructed, a larger, more functional facility is required. Simply re-constructing or modifying to current code would be costly and still leave the Owner with a facility that is not capable of meeting current needs.

5. **Minimum Required.** The granting of a variance is the minimum variance that will make possible the reasonable use of the land or structure.

As it currently sits, the existing facility occupies approximately 56.4% of the total property which is in excess of the minimum 50% threshold established by the code. This variance is asking that in order to meet the current needs of the owner, this number be adjusted to allow 69% total lot coverage (Impervious / Pervious)

6. **Conformance with the Purpose of this Code.** The granting of a variance will not conflict with the purposes and intent expressed or implied in the Land Development Code.

There is no indication that the increase in the allowable lot coverage will in in way conflict with the purpose or intent of the Land Development Code. All adjacent property is owned by the University of Southern Mississippi who is aware of this variance request and is in full support of the proposed project.

12.4.1.2 Conditions of Approval. In recommending the granting of a variance, the Board of Adjustment may require appropriate conditions and safeguards in conformity with this Code. Violation of such conditions and safeguards, when made a part of the terms under which a variance is granted, shall be deemed a violation of this Code. The recommendation of the Board of Adjustment shall be presented to the City Council for final action.

FP-1

DATE: 05-16-2005
PROJECT NUMBER: 05-16-2005

FACILITIES STUDY FOR
THE WESLEY FOUNDATION
USM CAMPUS FACILITIES
HATTIESBURG, MISSISSIPPI

EXIST FIRST FLOOR

LANDRY AND LEWIS
ARCHITECTS, P.A.
3011 OAK RIDGE RD. SUITE 111
HATTIESBURG, MISSISSIPPI 39401
PHONE: 601/551-1111 FAX: 601/551-1112
WWW.LANDRYANDLEWIS.COM

COMPUTER FILE NUMBER

DATE: 05-16-2005

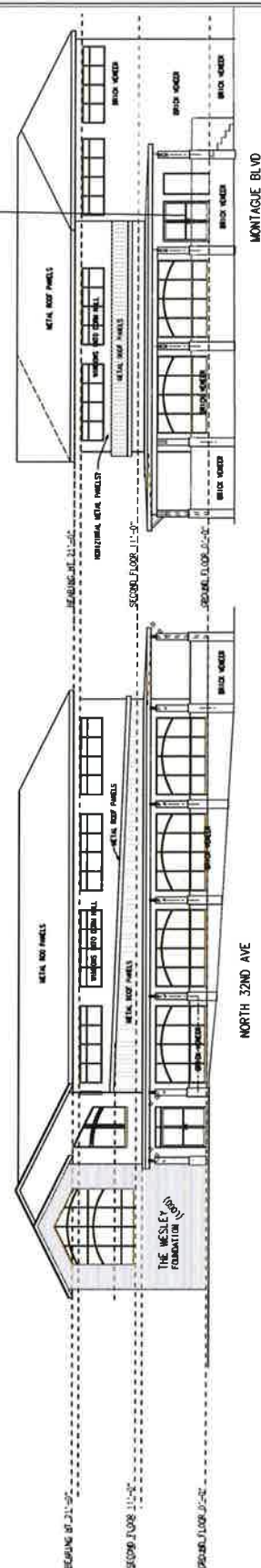
PROJECT NUMBER

DATE: 05-16-2005

PROJECT NUMBER

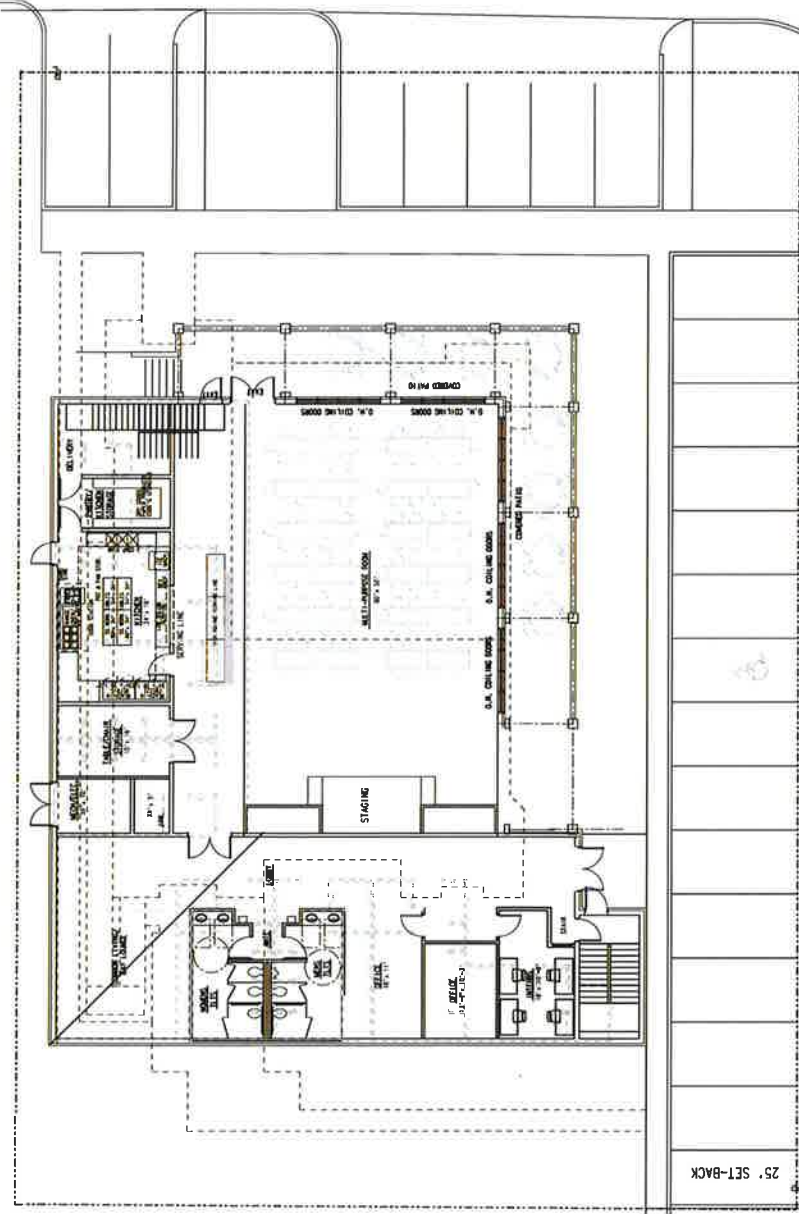
DATE: 05-16-2005

PROJECT NUMBER



GROUND FLOOR PLAN
1/8" = 1'-0"

7,108 SF HEATED
1,145 SF COVERED PATIO/PORCH
8,254 SF FOOT PRINT

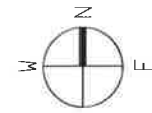


MONTAGUE BLVD

NORTH 32ND AVE

NORTH 32ND AVE

MONTAGUE BLVD

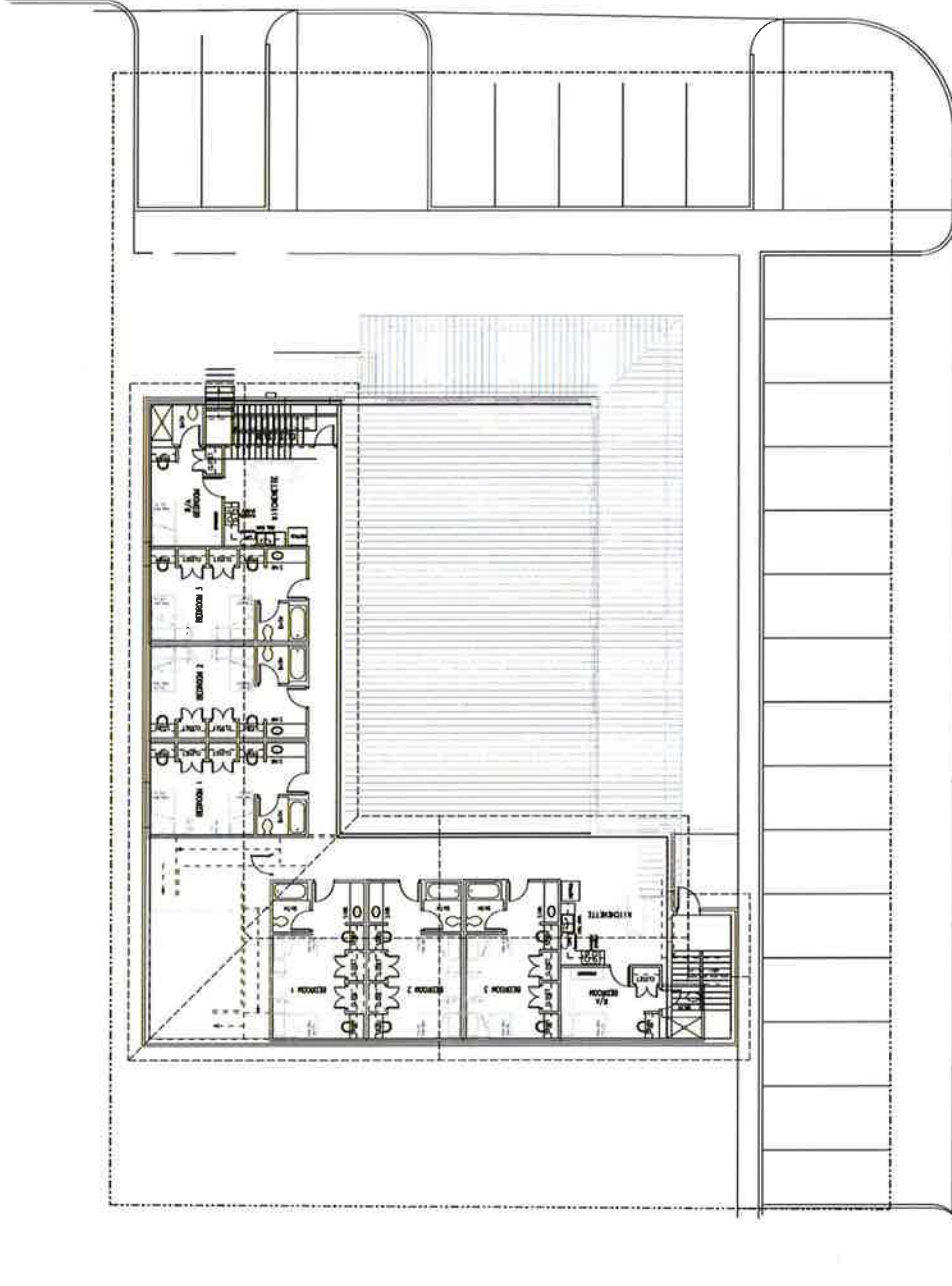


NORTH 32ND AVE

PROPOSED NEW BLDG - SITE PLAN

1"=20'-0"

MONTAGUE BLVD





City of Hattiesburg, MS

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

Master

File Number: 2018-221

File ID: 2018-221

Type: Regular Agenda Item

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 02/08/2018

Brief Title: 3000 Hardy St - Condominium Preliminary Plat

Final Action: 02/20/2018

Minute Book Number: MB2018-39

Title: APPROVE or DENY the preliminary plat filed by Shea McNease PE, Engineer, and Rob Tatum, Applicant, for a major subdivision for a certain piece of property located between South 31st Avenue and South 30th Avenue, south of Hardy Street Hattiesburg, MS (Parcel 028N-07-078, PPIN 20837; Parcel 028N-07-079.00, PPIN 26492. Ward 3). The Planning Commission recommended to Approve on February 7, 2018.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-4

Sponsors:

Enactment Date:

Attachments: Feb HPC Minutes, 3000 Hardy Condominium - packet, 15861_Preliminary_Condo_Plats_2017-12-22

Enactment Number:

Contact:

Meeting Date: 02/20/2018

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	02/20/2018	Approve				Pass

Action Text: A MOTION was made by Council Member George and seconded by Council Vice President Dryden to APPROVE the preliminary plat filed by Shea McNease PE, Engineer, and Rob Tatum, Applicant, for a major subdivision for a certain piece of property located between South 31st Avenue and South 30th Avenue, south of Hardy Street Hattiesburg, MS (Parcel 028N-07-078, PPIN 20837; Parcel 028N-07-079.00, PPIN 26492. Ward 3). The Planning Commission recommended to Approve on February 7, 2018.

In response to a question from Council President Carroll, Ms. Lowrey stated that the Midtown Code does not include the process for adopting a condominium but is supportive of that use.

Council member Delgado and Council Vice President Dryden asked about inclusion in the city's Land Code; Ms. Lowrey said she has not been included in any talks about condominiums and that the city presently follows state law.

Attorney Jim Gladden responded to a question from Council President Carroll and recommended that the Land Code Ordinance be amended to include condominiums.

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 2018-221

Title

APPROVE or DENY the preliminary plat filed by Shea McNease PE, Engineer, and Rob Tatum, Applicant, for a major subdivision for a certain piece of property located between South 31st Avenue and South 30th Avenue, south of Hardy Street Hattiesburg, MS (Parcel 028N-07-078, PPIN 20837; Parcel 028N-07-079.00, PPIN 26492. Ward 3). The Planning Commission recommended to Approve on February 7, 2018.

Summary

3000 Hardy St - Condominium Preliminary Plat

Budget Information

Expenditure Type

Purchasing Item

Publication Information

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

The Hattiesburg Planning Commission did meet in a regular session on February 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
Paul Sims
Isaiah Easterling
Kenneth Waites
James Hughes
Rebekah Ray
Judy Corts

Commissioners Absent: Jessie Wilson
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 1:00 P.M.

INVOCATION

Commissioner Ray gave the invocation.

AGENDA REVIEW

There came the matter of the February 2018 Agenda. A request was made by Chairman Conville for a motion to approve the February 2018 Agenda. A motion was made to approve the February 2018 Agenda by Commissioner Corts and seconded by Commissioner Ray.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Paul Sims
Isaiah Easterling
Kenneth Waites
James Hughes
Rebekah Ray
Judy Corts

Commissioners voting nay: None

MINUTES REVIEW

There came the matter of the January 6, 2017, minutes. A request was made by Chairman Conville for a motion to approve the January 3, 2018, minutes with a correction to the votes for two items. 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
Paul Sims
Isaiah Easterling
Kenneth Waites
James Hughes
Rebekah Ray
Judy Corts

Commissioners voting nay: None

REPORTS

BUILDING REPORT

There came the matter of the Building Inspection Report. Steve Mitchell provided a building report for October 2017 through January 2018.

PLANNING REPORT

There came the matter of the Planning Report by Ginger Maddox Lowrey, AICP, Planning Division Manager. Mrs. Lowrey introduced three new Planning Commissioners, appointed by City Council on January 6, 2018: Isaiah Easterling (W5), James Hughes (W5), and Kenneth Waits (W1). On January 16, 2018 the City Council reviewed the following Hattiesburg Planning Commission recommendations and voted as follows: The City Council tabled the rezoning of 208 McInnis Springs (HPC denial tabled); City Council approved the rezoning of 2108 West Fourth Street (HPC approval upheld).

CHAIRMAN'S REPORT

There came the matter of the Chairman's Report. Chairman Conville invited Commissioner Miller to present the nominations. Commissioner Mark Miller spoke for the nominating committee, including Commissioner Wilson and Commissioner Ray, and announced the following nominations: Dick Conville – Chairman, Amy Hinton – Vice Chair, Mark Miller – Secretary.

Chairman Conville deferred the order of the meeting to Commission Corts. Commissioner Corts entertained additional nominations from the floor. There were none. Commissioner Corts entertained a motion on the nominations. Chairman Sims made a motion to approve the nominations and Chairman Waits seconded. The vote passed unanimously.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Paul Sims
Isaiah Easterling
Kenneth Waites
James Hughes
Rebekah Ray
Judy Corts

Commissioners voting nay: None

PUBLIC HEARING – PLANNING COMMISSION

Chairman Conville declared the Public Hearing for the Planning Commission open at 1:25 P.M. and read the rules and procedures of the hearing.

There came the matter of Item A (Rezone), filed by Valerie Cameron, Representative, on behalf of Donnie Myers, Owner as required in the Land Development Code, Ord. No. 3209, to change the zoning classification for a certain property located at 1200 Edwards Street (Parcel 038H-15-198.00, PPIN 26857, Ward 2) from Section 4.5.13, I-1 (Light Industrial) District to Section 4.5.10, B-3 (Community Business) District.

	Name	Address	City/State
<u>Presented by:</u>	Donnie Myers - Owner	606 Stevens Street	Hattiesburg, MS
<u>Proponents:</u>	Alma Myers	606 Stevens Street	Hattiesburg, MS
<u>Opponents:</u>	None		

Chairman Conville declared the Public Hearing closed and the Business Meeting open to vote on the request. Commissioner 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, Vice-Chairman
Mark Miller
Paul Sims
Isaiah Easterling
Kenneth Waites
James Hughes
Rebekah Ray
Judy Corts

Commissioners voting nay: None

There came the matter of Item B (Preliminary Plat Review for a Major Subdivision), filed by Shea McNease, Engineer, SD&W, on behalf of Rob Tatum., Owner, as required in the Land Development Code, Ord. No. 3209, to consider an application to file a preliminary plat for a major subdivision (condominiums) for a certain piece of property located between South 31st Avenue and South 30th Avenue, south of Hardy Street Hattiesburg, MS (Parcel 028N-07-078, PPIN 20837; Parcel 028N-07-079.00, PPIN 26492. Ward 3).

	Name	Address	City/State
<u>Presented by:</u>	Rick Sullivan - Representative, SD&W	301 2 nd Ave	Hattiesburg, MS
<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 Miller made a motion to approve an application to file a preliminary plat for a major subdivision for a certain piece of property located between South 31st Avenue and South 30th Avenue, South of Hardy Street. The motion was seconded by Commissioner Corts.

Commissioners voting aye: Dick Conville, Chairman
Amy Hinton, Vice-Chairman
Mark Miller
Paul Sims
Isaiah Easterling
Kenneth Waites
James Hughes
Rebekah Ray
Judy Corts

Commissioners voting nay: None

BUSINESS MEETING

There being no further business, the meeting was adjourned at 1:59 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

SUBJECT PARCEL:

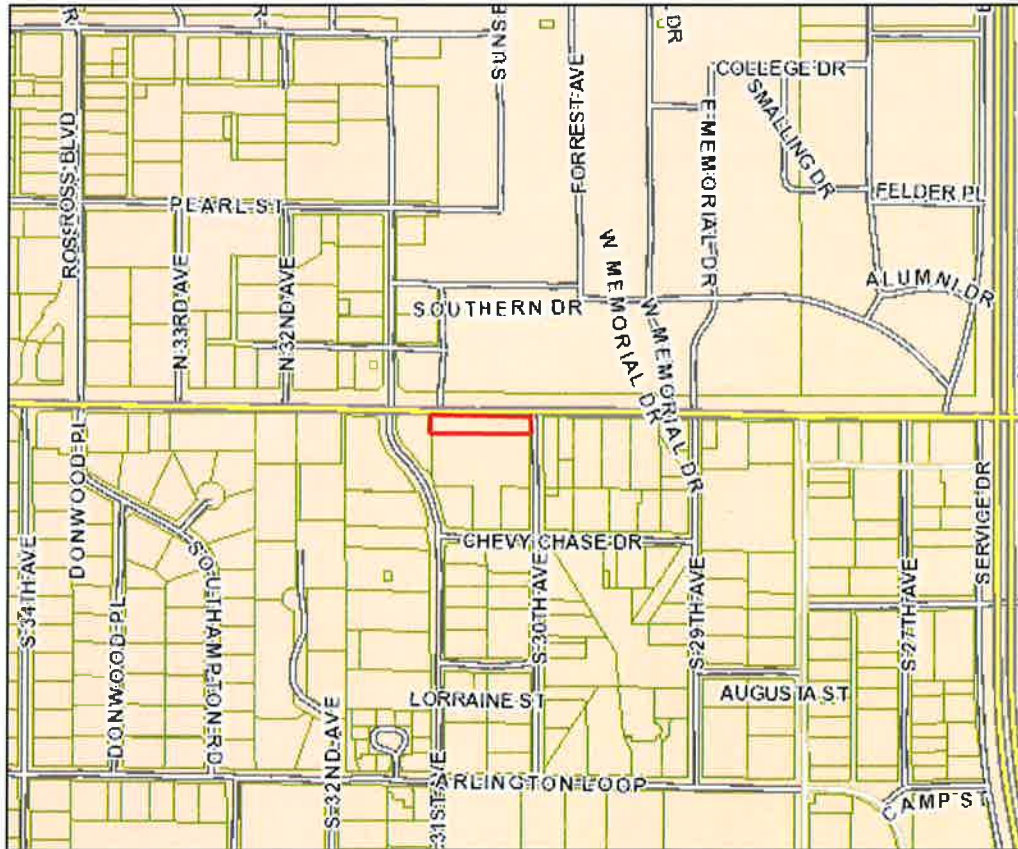
Located between South 31st Avenue and South 30th Avenue, south of Hardy Street Hattiesburg

Shea McNease PE, Engineer on behalf of Rob Tatum, Applicant

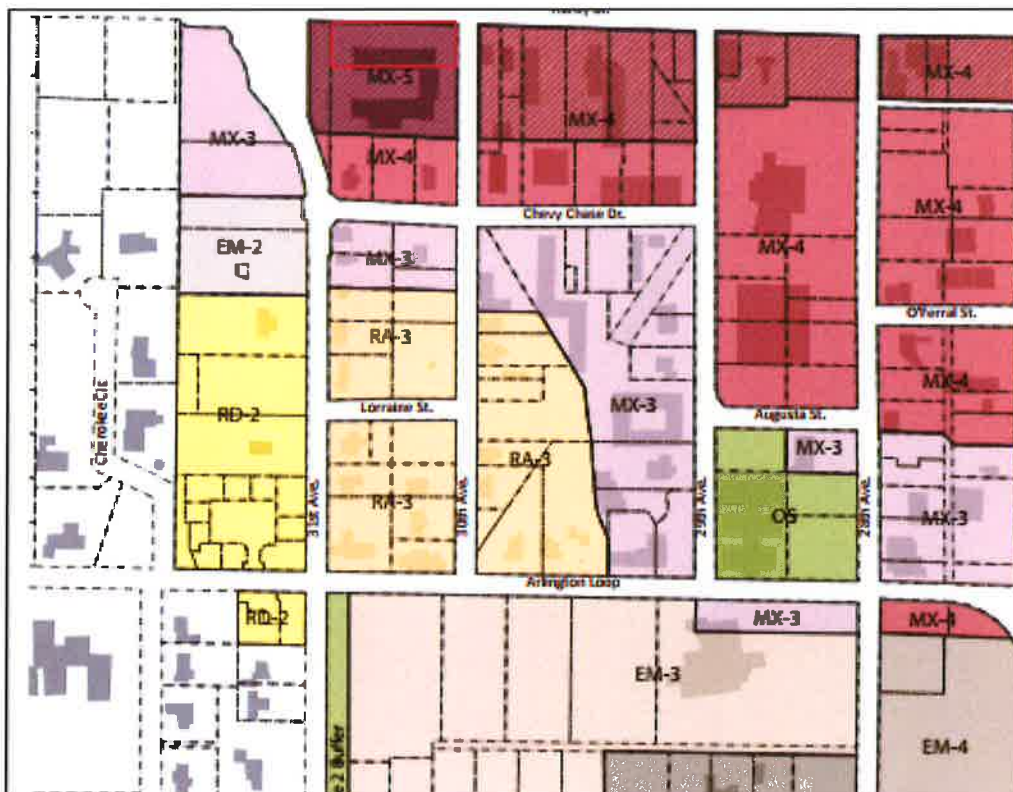
The applicant requests to file a preliminary plat for a major subdivision for a certain piece of property located between South 31st Avenue and South 30th Avenue, south of Hardy Street Hattiesburg, MS (Parcel 028N-07-078, PPIN 20837; Parcel 028N-07-079.00, PPIN 26492. Ward 3).



Vicinity Map—Ward 3



Zoning—MX-5



Site Aerial



SURROUNDING AREA

Northern Direction: R-3 (Multi-Family) District/University & Commercial



Southern Direction: MX-4 (Mixed Use 4-Story) District & Hardy Street Overlay/Under Construction, Hotel



Eastern Direction: MX-4 (Mixed Use 4-Story) District & Hardy Street Overlay/Commercial



Western Direction: MX-3 (Mixed Use 3-Story) District/Under Construction, Commercial





**Planning Commission
Case Fact Sheet**

Property Applicant: Shea McNease PE, Engineer
Property Owner: Rob Tatum

Address of Properties:	Tax Parcels	PPIN:	Ward:
3000 Hardy Street	028N-07-078.00	20837	3
	028N-07-079.00	26492	

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 a certain piece of property located between South 31st Avenue and South 30th Avenue, south of Hardy Street Hattiesburg, MS (Parcel 028N-07-078, PPIN 20837; Parcel 028N-07-079.00, PPIN 26492. Ward 3).

Applicant Summary: See Attached

Applicable Regulations:

SECTION 4 Zoning Districts Established

Article 2 Section 2.3. Mixed Use Districts (MX-) The MX-Districts are intended to accommodate a mix of compatible commercial, employment and higher-density residential in a pedestrian-friendly and walkable environment. (2.1.A.2.c. MX-5 has a maximum building height of 5 stories.)

Article 2 Section 2.1. F. Hardy Street Overlay (-HS) 1. The -HS Overlay District is intended to enhance and promote Hardy Street as the key pedestrian corridor in Midtown. 2. Where the -HS Overlay District applies, the underlying district requirements must be met except as expressly modified in Sec. 3.15. Special Rules for the -HS Overlay District.

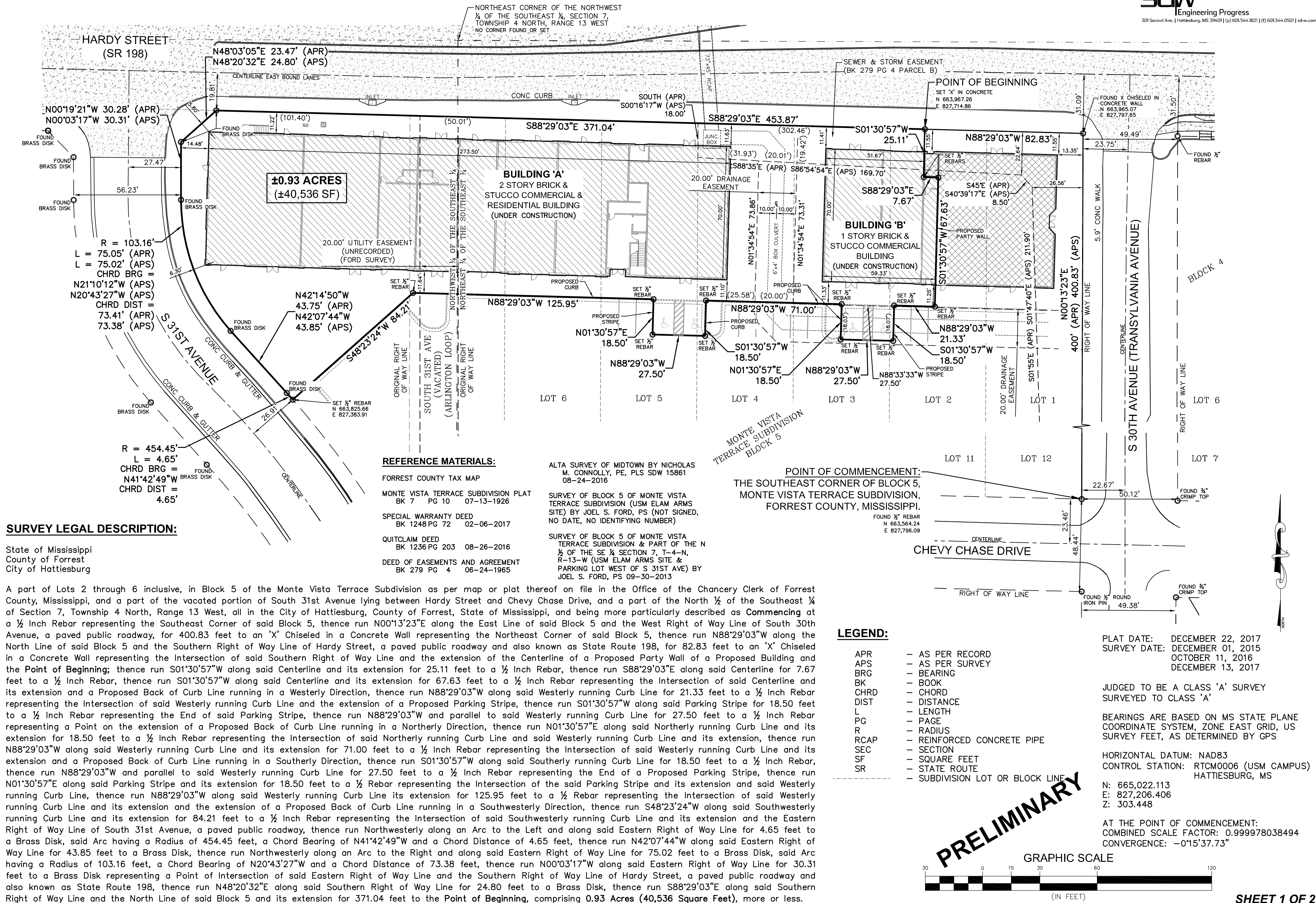
Shea McNease PE, Engineer on behalf of Rob Tatum, Applicant
Request for a **Preliminary Plat Review**

Present Zoning:	This parcel is currently zoned MX-5 (Mixed Use 5-Story)
Present Use:	Under Construction/Mixed-Use
Surrounding Zoning and Land Use:	North: R-3 (Multi-Family Residential) District/ University & Commercial South: MX-4 (Mixed Use 4-Story) District & Hardy Street Overlay/ Under Construction, Hotel East: MX-4 (Mixed Use 4-Story) District & Hardy Street Overlay / Commercial West: MX-3 (Mixed Use 3-Story) District/Under Construction, Commercial
Most Nearly Bounded By (streets):	This parcel is accessible from the North by Hardy Street, the East by South 30 th Avenue, the West by South 31 st Avenue, and the South by Chevy Chase Drive.
Letters or Concerns stated:	The Planning Division Office has not received any letters or other written communications relative to this case as of January 23, 2018
History / Background:	The zoning, MX-4 & Hardy Street Overlay, is supportive of the use. The City of Hattiesburg does not have regulations specific to the subdivision of condominiums. Therefore, this subdivision of condos is following the same process as other major subdivisions (Sec. 12.3.2.). Mississippi Condominium Law, State statute 89-9-1 must be met as well. Per 89-9-1 "Condominium" means that form of ownership of property under which units of improvements are subject to ownership by different owners and there is appurtenant to each unit as part thereof an undivided share in the common areas.
Basis for Approval:	Approve or Deny an application to file a preliminary plat for a major subdivision for a certain piece of property located between South 31st Avenue and South 30th Avenue, south of Hardy Street Hattiesburg, MS (Parcel 028N-07-078, PPIN 20837; Parcel 028N-07-079.00, PPIN 26492. Ward 3).

THE DISTRICT AT MIDTOWN MASTER CONDOMINIUM

PREPARED BY

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



SURVEY LEGAL DESCRIPTION:

State of Mississippi
County of Forrest
City of Hattiesburg

A part of Lots 2 through 6 inclusive, in Block 5 of the Monte Vista Terrace Subdivision as per map or plat thereof on file in the Office of the Chancery Clerk of Forrest County, Mississippi, and a part of the vacated portion of South 31st Avenue lying between Hardy Street and Chevy Chase Drive, and a part of the North ½ of the Southeast ¼ of Section 7, Township 4 North, Range 13 West, all in the City of Hattiesburg, County of Forrest, State of Mississippi, and being more particularly described as Commencing at a ½ Inch Rebar representing the Southeast Corner of said Block 5, thence run N00°13'23"E along the East Line of said Block 5 and the West Right of Way Line of South 30th Avenue, a paved public roadway, for 400.83 feet to an 'X' Chiseled in a Concrete Wall representing the Northeast Corner of said Block 5, thence run N88°29'03"W along the North Line of said Block 5 and the Southern Right of Way Line of Hardy Street, a paved public roadway and also known as State Route 198, for 82.83 feet to an 'X' Chiseled in a Concrete Wall representing the Intersection of said Southern Right of Way Line and the extension of the Centerline of a Proposed Party Wall of a Proposed Building and the Point of Beginning; thence run S01°30'57"W along said Centerline and its extension for 25.11 feet to a ½ Inch Rebar, thence run S88°29'03"E along said Centerline for 7.67 feet to a ½ Inch Rebar, thence run S01°30'57"W along said Centerline and its extension for 67.63 feet to a ½ Inch Rebar representing the Intersection of said Centerline and its extension and a Proposed Back of Curb Line running in a Westerly Direction, thence run N88°29'03"W along said Westerly running Curb Line for 21.33 feet to a ½ Inch Rebar representing the Intersection of said Westerly running Curb Line and the extension of a Proposed Parking Stripe, thence run S01°30'57"W along said Parking Stripe for 18.50 feet to a ½ Inch Rebar representing the End of said Parking Stripe, thence run N88°29'03"W and parallel to said Westerly running Curb Line for 27.50 feet to a ½ Inch Rebar representing a Point on the extension of a Proposed Back of Curb Line running in a Northerly Direction, thence run N01°30'57"E along said Northerly running Curb Line and its extension for 18.50 feet to a ½ Inch Rebar representing the Intersection of said Northerly running Curb Line and said Westerly running Curb Line and its extension, thence run N88°29'03"W along said Westerly running Curb Line and its extension for 71.00 feet to a ½ Inch Rebar representing the Intersection of said Westerly running Curb Line and its extension and a Proposed Back of Curb Line running in a Southerly Direction, thence run S01°30'57"W along said Southerly running Curb Line for 18.50 feet to a ½ Inch Rebar, thence run N88°29'03"W and parallel to said Westerly running Curb Line for 27.50 feet to a ½ Inch Rebar representing the End of a Proposed Parking Stripe, thence run N01°30'57"E along said Parking Stripe and its extension for 18.50 feet to a ½ Rebar representing the Intersection of the said Parking Stripe and its extension and said Westerly running Curb Line, thence run N88°29'03"W along said Westerly running Curb Line its extension for 125.95 feet to a ½ Rebar representing the Intersection of said Westerly running Curb Line and its extension and the Eastern Right of Way Line of South 31st Avenue, a paved public roadway, thence run Northwestly along an Arc to the Left and along said Eastern Right of Way Line for 4.65 feet to a Brass Disk, said Arc having a Radius of 454.45 feet, a Chord Bearing of N41°42'49"W and a Chord Distance of 4.65 feet, thence run N42°07'44"W along said Eastern Right of Way Line for 43.85 feet to a Brass Disk, thence run Northwestly along an Arc to the Right and along said Eastern Right of Way Line for 75.02 feet to a Brass Disk, said Arc having a Radius of 103.16 feet, a Chord Bearing of N20°43'27"W and a Chord Distance of 73.38 feet, thence run N00°03'17"W along said Eastern Right of Way Line for 30.31 feet to a Brass Disk representing a Point of Intersection of said Eastern Right of Way Line and the Southern Right of Way Line of Hardy Street, a paved public roadway and also known as State Route 198, thence run N48°20'32"E along said Southern Right of Way Line for 24.80 feet to a Brass Disk, thence run S88°29'03"E along said Southern Right of Way Line and the North Line of said Block 5 and its extension for 371.04 feet to the Point of Beginning, comprising 0.93 Acres (40,536 Square Feet), more or less.

REFERENCE MATERIALS:

FORREST COUNTY TAX MAP

MONTE VISTA TERRACE SUBDIVISION PLAT
BK 7 PG 10 07-13-1926

SPECIAL WARRANTY DEED
BK 1248 PG 72 02-06-2017

QUITCLAIM DEED
BK 1236 PG 203 08-26-2016

DEED OF EASEMENTS AND AGREEMENT
BK 279 PG 4 06-24-1965

ALTA SURVEY OF MIDTOWN BY NICHOLAS
M. CONNOLLY, PE, PLS SDW 15861
08-24-2016

SURVEY OF BLOCK 5 OF MONTE VISTA
TERRACE SUBDIVISION (USM ELAM ARMS
SITE) BY JOEL S. FORD, PS (NOT SIGNED,
NO DATE, NO IDENTIFYING NUMBER)

SURVEY OF BLOCK 5 OF MONTE VISTA
TERRACE SUBDIVISION & PART OF THE N
½ OF THE SE ¼ SECTION 7, T-4-N,
R-13-W (USM ELAM ARMS SITE &
PARKING LOT WEST OF S 31ST AVE) BY
JOEL S. FORD, PS 09-30-2013

POINT OF COMMENCEMENT:
THE SOUTHEAST CORNER OF BLOCK 5,
MONTE VISTA TERRACE SUBDIVISION,
FORREST COUNTY, MISSISSIPPI.

LEGEND:

APR — AS PER RECORD
APS — AS PER SURVEY
BRG — BEARING
BK — BOOK
CHRD — CHORD
DIST — DISTANCE
L — LENGTH
PG — PAGE
R — RADIUS
RCAP — REINFORCED CONCRETE PIPE
SEC — SECTION
SF — SQUARE FEET
SR — STATE ROUTE
----- SUBDIVISION LOT OR BLOCK LINE

PLAT DATE: DECEMBER 22, 2017
SURVEY DATE: DECEMBER 01, 2015
OCTOBER 11, 2016
DECEMBER 13, 2017

JUDGED TO BE A CLASS 'A' SURVEY
SURVEYED TO CLASS 'A'

BEARINGS ARE BASED ON MS STATE PLANE
COORDINATE SYSTEM, ZONE EAST GRID, US
SURVEY FEET, AS DETERMINED BY GPS

HORIZONTAL DATUM: NAD83
CONTROL STATION: RTCM0006 (USM CAMPUS)
HATTIESBURG, MS

N: 665,022.113
E: 827,206.406
Z: 303.448

AT THE POINT OF COMMENCEMENT:
COMBINED SCALE FACTOR: 0.999978038494
CONVERGENCE: -0°15'37.73"

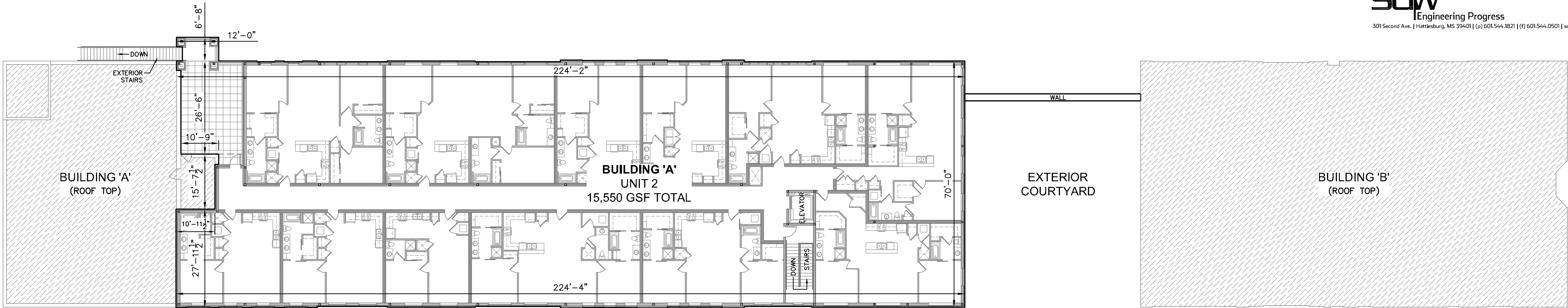
PRELIMINARY

GRAPHIC SCALE

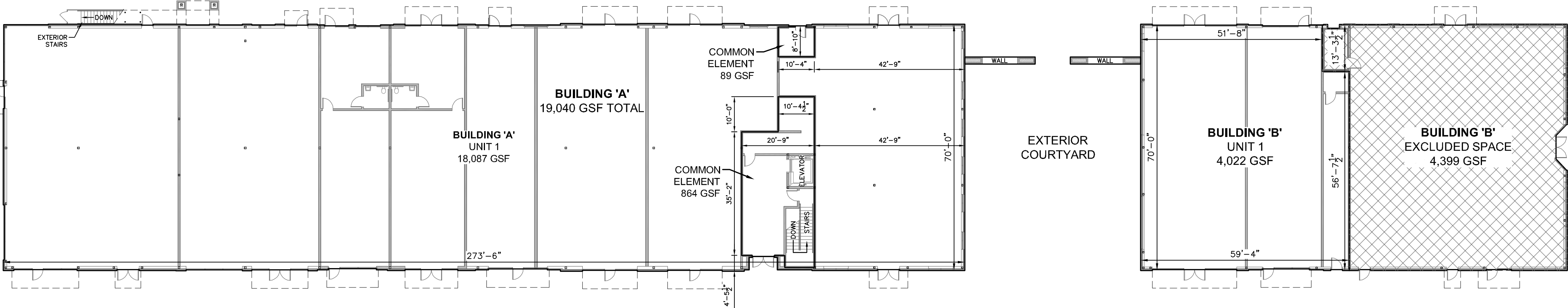


THE DISTRICT AT MIDTOWN MASTER CONDOMINIUM

PREPARED BY
sdw
Engineering Progress
301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sd-w.com



2nd FLOOR PLAN



1st FLOOR PLAN

SURVEYOR & ENGINEER CERTIFICATION

STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

This is to certify that I, Nicholas M. Connolly, a Mississippi Registered Professional Land Surveyor have surveyed the property described hereon and that I, Shea E. McNease, a Mississippi Registered Professional Engineer have subdivided and plotted the same at the request of The District at Midtown Retail, LLC, the Owner.

Witness Our Signatures on this, the ____ Day of ____, 20__.

Shea E. McNease, PE 16793

Nicholas M. Connolly, PE 12791
PLS 2973

STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

Personally appeared before me, the undersigned notary in and for the jurisdiction aforesaid, the within named Nicholas M. Connolly, a Mississippi Registered Professional Land Surveyor and, Shea E. McNease, a Mississippi Registered Professional Engineer who have acknowledged to me that they signed, sealed and delivered this plat and the Certificate hereon.

Given under my hand and seal of office on this, the ____ Day of ____, 20__.

MY COMMISSION EXPIRES:

NOTARY PUBLIC

OWNER CERTIFICATION

STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

The undersigned, The District at Midtown Retail, LLC, by Robert Tatum, does hereby certify that the aforementioned is the Owner of the land described in the foregoing certificate of Shea E. McNease, a Mississippi Registered Professional Engineer, and that acting as the duly authorized officials of the aforementioned have caused the same to be subdivided and plotted as shown hereon, and have designated the same as The District at Midtown Master Condominium, pursuant to the Mississippi Condominium Law, Section 89-9-1, et seq. Mississippi Code 1972, Annotated or Amended.

Witness My Signature on this, the ____ Day of ____, 20__.

The District at Midtown Retail, LLC
Robert Tatum, Manager

STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

Personally appeared before me, the undersigned notary in and for the jurisdiction aforesaid, Robert Tatum of the within named The District at Midtown Retail, LLC, the Manager, who has acknowledged to me that he signed and delivered this plat and the Certificate hereon as his own act and deed for and in behalf of said Owner, after being authorized to do so.

Given under my hand and seal of office on this, the ____ Day of ____, 20__.

MY COMMISSION EXPIRES:

NOTARY PUBLIC

COMPARISON CERTIFICATION

STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

This is to certify that I, Jimmy Havard, Chancery Clerk, in and for the said State and County, and I, Shea E. McNease, a Mississippi Registered Professional Engineer and I, Nicholas M. Connolly, a Mississippi Registered Professional Land Surveyor, as makers of The District at Midtown Master Condominium have compared this the COPY of The District at Midtown Master Condominium with the ORIGINAL and the DUPLICATE, and find the same to be exact copies of each other.

Witness Our Signatures on this, the ____ Day of ____, 20__.

Shea E. McNease, PE 16793

Nicholas M. Connolly, PE 12791
PLS 2973

CHANCERY CLERK

CITY ENGINEER APPROVAL

STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

Survey checked on this, the ____ Day of ____, 20__, by Nicholas M. Connolly, and approved by the City Engineer for the City of Hattiesburg on this, the ____ Day of ____, 20__.

CITY ENGINEER

NOTE:

Floor Plans provided to the Engineer by
Albert and Robinson Architects, PLLC.
514 Main Street
Hattiesburg, MS 39403

FINAL APPROVAL

This, The District at Midtown Master Condominium, is herein approved and accepted by the City of Hattiesburg, on this, the ____ Day of ____, 20__.

MAYOR

CITY CLERK

CHANCERY CLERK CERTIFICATION

STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

I, Jimmy Havard, Clerk of the Chancery Court in and for said County and State, do hereby certify that the final Plat of The District at Midtown Master Condominium, was filled for record in my office on this,

the ____ Day of ____, 20__, and was duly

recorded in Plat Book ____, Page ____ of the records and maps and plats of land in the Chancery Court of Forrest County, Mississippi.

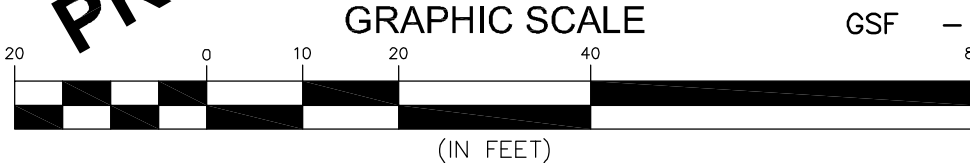
Witness My Signature on this, the ____ Day of ____, 20__.

CHANCERY CLERK

LEGEND:

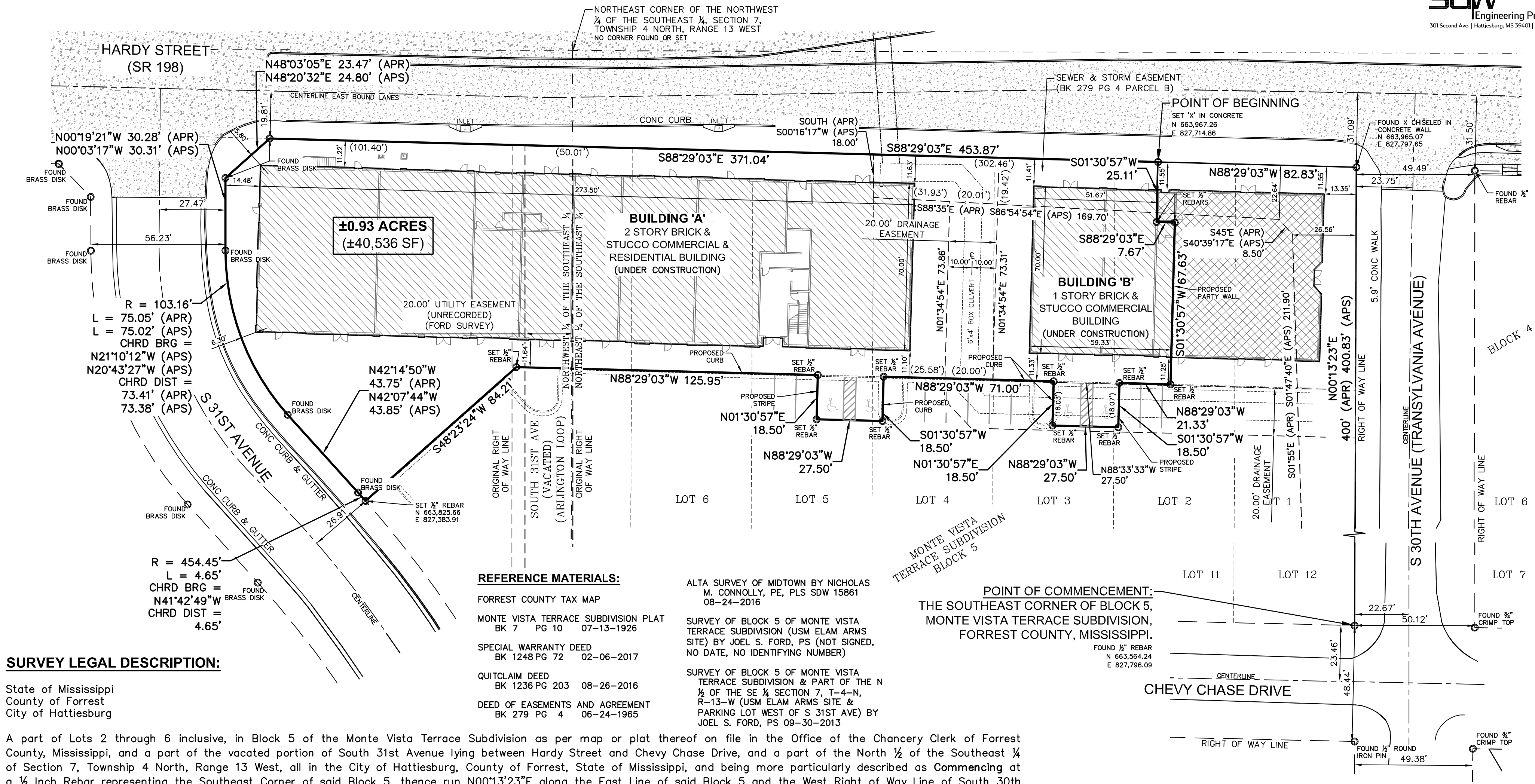
GSF — GROSS SQUARE FEET

PRELIMINARY



THE DISTRICT AT MIDTOWN RESIDENTIAL CONDOMINIUM

PREPARED BY
sdw
Engineering Progress
301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sdw.com



SURVEY LEGAL DESCRIPTION:

State of Mississippi
County of Forrest
City of Hattiesburg

A part of Lots 2 through 6 inclusive, in Block 5 of the Monte Vista Terrace Subdivision as per map or plat thereof on file in the Office of the Chancery Clerk of Forrest County, Mississippi, and a part of the vacated portion of South 31st Avenue lying between Hardy Street and Chevy Chase Drive, and a part of the North 1/2 of the Southeast 1/4 of Section 7, Township 4 North, Range 13 West, all in the City of Hattiesburg, County of Forrest, State of Mississippi, and being more particularly described as Commencing at a 1/2 Inch Rebar representing the Southeast Corner of said Block 5, thence run N00°13'23"E along the East Line of said Block 5 and the West Right of Way Line of South 30th Avenue, a paved public roadway, for 400.83 feet to an 'X' Chiseled in a Concrete Wall representing the Northeast Corner of said Block 5, thence run N88°29'03"W along the North Line of said Block 5 and the Southern Right of Way Line of Hardy Street, a paved public roadway and also known as State Route 198, for 82.83 feet to an 'X' Chiseled in a Concrete Wall representing the Intersection of said Southern Right of Way Line and the extension of the Centerline of a Proposed Party Wall of a Proposed Building and the Point of Beginning; thence run S01°30'57"W along said Centerline and its extension for 25.11 feet to a 1/2 Inch Rebar, thence run S88°29'03"E along said Centerline for 7.67 feet to a 1/2 Inch Rebar, thence run S01°30'57"W along said Centerline and its extension for 67.63 feet to a 1/2 Inch Rebar representing the Intersection of said Centerline and its extension and a Proposed Back of Curb Line running in a Westerly Direction, thence run N88°29'03"W along said Westerly running Curb Line for 21.33 feet to a 1/2 Inch Rebar representing the Intersection of said Westerly running Curb Line and the extension of a Proposed Back of Curb Line running in a Westerly Direction, thence run S01°30'57"W along said Parking Stripe for 18.50 feet to a 1/2 Inch Rebar representing the End of said Parking Stripe, thence run N88°29'03"W and parallel to said Westerly running Curb Line for 27.50 feet to a 1/2 Inch Rebar representing a Point on the extension of a Proposed Back of Curb Line running in a Northerly Direction, thence run N01°30'57"E along said Northerly running Curb Line and its extension for 18.50 feet to a 1/2 Inch Rebar representing the Intersection of said Northerly running Curb Line and said Westerly running Curb Line and its extension, thence run N88°29'03"W along said Westerly running Curb Line and its extension for 71.00 feet to a 1/2 Inch Rebar representing the Intersection of said Westerly running Curb Line and its extension and a Proposed Back of Curb Line running in a Southerly Direction, thence run S01°30'57"W along said Southerly running Curb Line for 18.50 feet to a 1/2 Inch Rebar, thence run N88°29'03"W and parallel to said Westerly running Curb Line for 27.50 feet to a 1/2 Inch Rebar representing the End of a Proposed Parking Stripe, thence run N01°30'57"E along said Parking Stripe and its extension for 18.50 feet to a 1/2 Rebar representing the Intersection of the said Parking Stripe and its extension and said Westerly running Curb Line, thence run N88°29'03"W along said Westerly running Curb Line its extension for 125.95 feet to a 1/2 Rebar representing the Intersection of said Westerly running Curb Line and its extension and the Eastern Right of Way Line of South 31st Avenue, a paved public roadway, thence run Northwest along an Arc to the Left and along said Eastern Right of Way Line for 4.65 feet to a Brass Disk, said Arc having a Radius of 454.45 feet, a Chord Bearing of N41°42'49"W and a Chord Distance of 4.65 feet, thence run N42°07'44"W along said Eastern Right of Way Line for 43.85 feet to a Brass Disk, thence run Northwest along an Arc to the Right and along said Eastern Right of Way Line for 75.02 feet to a Brass Disk, said Arc having a Radius of 103.16 feet, a Chord Bearing of N20°43'27"W and a Chord Distance of 73.38 feet, thence run N00°03'17"W along said Eastern Right of Way Line for 30.31 feet to a Brass Disk representing a Point of Intersection of said Eastern Right of Way Line and the Southern Right of Way Line of Hardy Street, a paved public roadway and also known as State Route 198, thence run N48°20'32"E along said Southern Right of Way Line for 24.80 feet to a Brass Disk, thence run S88°29'03"E along said Southern Right of Way Line and the North Line of said Block 5 and its extension for 371.04 feet to the Point of Beginning, comprising 0.93 Acres (40,536 Square Feet), more or less.

REFERENCE MATERIALS:

FORREST COUNTY TAX MAP

MONTE VISTA TERRACE SUBDIVISION PLAT
BK 7 PG 10 07-13-1926

SPECIAL WARRANTY DEED
BK 1248 PG 72 02-06-2017

QUITCLAIM DEED
BK 1236 PG 203 08-26-2016

DEED OF EASEMENTS AND AGREEMENT
BK 279 PG 4 06-24-1965

ALTA SURVEY OF MIDTOWN BY NICHOLAS
M. CONNOLLY, PE, PLS SDW 15861
08-24-2016

SURVEY OF BLOCK 5 OF MONTE VISTA
TERRACE SUBDIVISION (USM ELAM ARMS
SITE) BY JOEL S. FORD, PS (NOT SIGNED,
NO DATE, NO IDENTIFYING NUMBER)

SURVEY OF BLOCK 5 OF MONTE VISTA
TERRACE SUBDIVISION & PART OF THE N
1/2 OF THE SE 1/4 SECTION 7, T-4-N,
R-13-W (USM ELAM ARMS SITE &
PARKING LOT WEST OF S 31ST AVE) BY
JOEL S. FORD, PS 09-30-2013

POINT OF COMMENCEMENT:
THE SOUTHEAST CORNER OF BLOCK 5,
MONTE VISTA TERRACE SUBDIVISION,
FORREST COUNTY, MISSISSIPPI.

LEGEND:

APR - AS PER RECORD
APS - AS PER SURVEY
BRG - BEARING
BK - BOOK
CHRD - CHORD
DIST - DISTANCE
L - LENGTH
PG - PAGE
R - RADIUS
RCAP - REINFORCED CONCRETE PIPE
SEC - SECTION
SF - SQUARE FEET
SR - STATE ROUTE
----- SUBDIVISION LOT OR BLOCK LINE

PLAT DATE: DECEMBER 22, 2017
SURVEY DATE: DECEMBER 01, 2015
OCTOBER 11, 2016
DECEMBER 13, 2017

JUDGED TO BE A CLASS 'A' SURVEY
SURVEYED TO CLASS 'A'

BEARINGS ARE BASED ON MS STATE PLANE
COORDINATE SYSTEM, ZONE EAST GRID, US
SURVEY FEET, AS DETERMINED BY GPS

HORIZONTAL DATUM: NAD83
CONTROL STATION: RTCM0006 (USM CAMPUS)
HATTIESBURG, MS

N: 665,022.113
E: 827,206.406
Z: 303.448

AT THE POINT OF COMMENCEMENT:
COMBINED SCALE FACTOR: 0.999978038494
CONVERGENCE: -0°15'37.73"

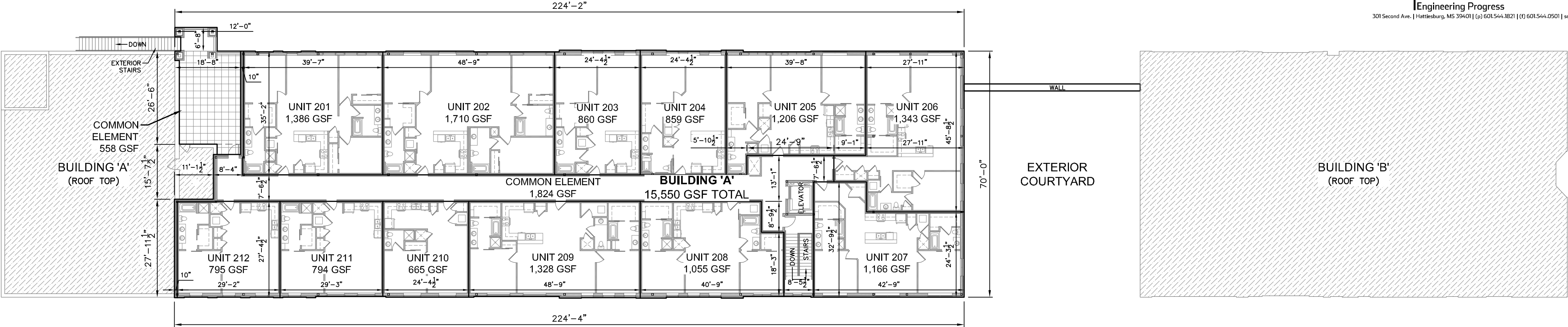
PRELIMINARY

GRAPHIC SCALE

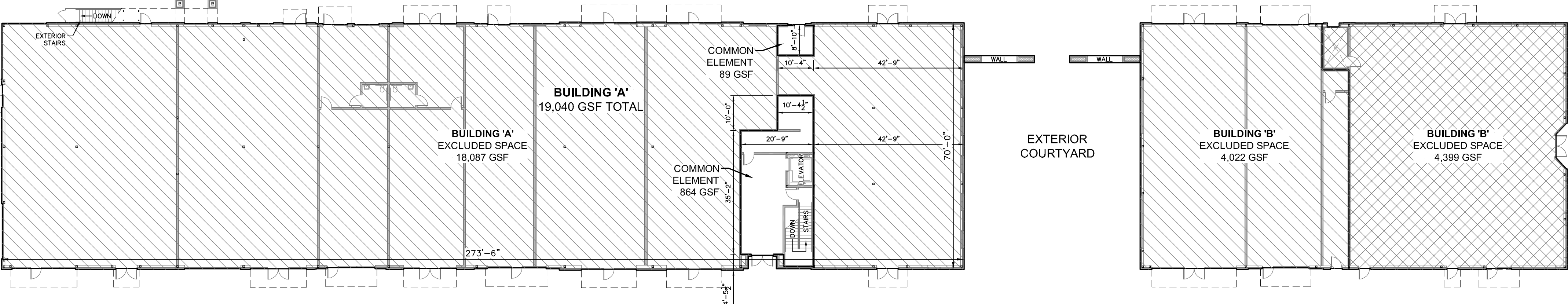


THE DISTRICT AT MIDTOWN RESIDENTIAL CONDO ASSOCIATION

PREPARED BY
sdw
Engineering Progress
301 Second Ave. | Hattiesburg, MS 39401 | (p) 601.544.1821 | (f) 601.544.0501 | sdw.com



2nd FLOOR PLAN



1st FLOOR PLAN

SURVEYOR & ENGINEER CERTIFICATION
STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

This is to certify that I, Nicholas M. Connolly, a Mississippi Registered Professional Land Surveyor have surveyed the property described hereon and that I, Shea E. McNease, a Mississippi Registered Professional Engineer have subdivided and plotted the same at the request of The District at Midtown Retail, LLC, the Owner.

Witness Our Signatures on this, the ____ Day of _____, 20____.

Shea E. McNease, PE 16793

Nicholas M. Connolly, PE 12791
PLS 2973

STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

Personally appeared before me, the undersigned notary in and for the jurisdiction aforesaid, the within named Nicholas M. Connolly, a Mississippi Registered Professional Land Surveyor and, Shea E. McNease, a Mississippi Registered Professional Engineer who have acknowledged to me that they signed, sealed and delivered this plat and the Certificate hereon.

Given under my hand and seal of office on this, the ____ Day of _____, 20____.

MY COMMISSION EXPIRES: _____ NOTARY PUBLIC

OWNER CERTIFICATION
STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

The undersigned, The District at Midtown Retail, LLC, by Robert Tatum, does hereby certify that the aforementioned is the Owner of the land described in the foregoing certificate of Shea E. McNease, a Mississippi Registered Professional Engineer, and that acting as the duly authorized officials of the aforementioned have caused the same to be subdivided and plotted as shown hereon, and have designated the same as The District at Midtown Residential Condominium, pursuant to the Mississippi Condominium Law, Section 89-9-1, et seq. Mississippi Code 1972, Annotated or Amended.

Witness My Signature on this, the ____ Day of _____, 20____.

The District at Midtown Retail, LLC
Robert Tatum, Manager

STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

Personally appeared before me, the undersigned notary in and for the jurisdiction aforesaid, Robert Tatum of the within named The District at Midtown Retail, LLC, the Manager, who has acknowledged to me that he signed and delivered this plat and the Certificate hereon as his own act and deed for and in behalf of said Owner, after being authorized to do so.

Given under my hand and seal of office on this, the ____ Day of _____, 20____.

MY COMMISSION EXPIRES: _____ NOTARY PUBLIC

COMPARISON CERTIFICATION
STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

This is to certify that I, Jimmy Havard, Chancery Clerk, in and for the said State and County, and I, Shea E. McNease, a Mississippi Registered Professional Engineer and I, Nicholas M. Connolly, a Mississippi Registered Professional Land Surveyor, as makers of The District at Midtown Residential Condominium have compared this the COPY of The District at Midtown Residential Condominium with the ORIGINAL and the DUPLICATE, and find the same to be exact copies of each other.

Witness Our Signatures on this, the ____ Day of _____, 20____.

Shea E. McNease, PE 16793

Nicholas M. Connolly, PE 12791
PLS 2973

CHANCERY CLERK

CITY ENGINEER APPROVAL
STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

Survey checked on this, the ____ Day of _____, 20____, by Nicholas M. Connolly, and approved by the City Engineer for the City of Hattiesburg on this, the ____ Day of _____, 20____.

CITY ENGINEER

NOTE:
Floor Plans provided to the Engineer by
Albert and Robinson Architects, PLLC.
514 Main Street
Hattiesburg, MS 39403

FINAL APPROVAL
This, The District at Midtown Residential Condominium, is herein approved and accepted by the City of Hattiesburg, on this, the ____ Day of _____, 20____.

MAYOR

CITY CLERK

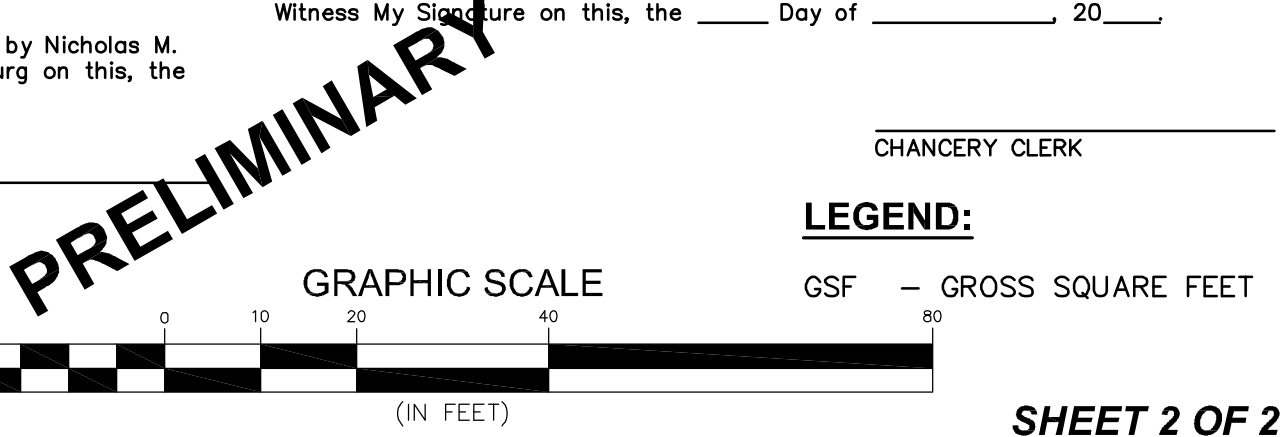
CHANCERY CLERK CERTIFICATION
STATE OF MISSISSIPPI, COUNTY OF FORREST, CITY OF HATTIESBURG

I, Jimmy Havard, Clerk of the Chancery Court in and for said County and State, do hereby certify that the final Plat of The District at Midtown Residential Condominium, was filled for record in my office on this,

the ____ Day of _____, 20____, and was duly recorded in Plat Book _____, Page _____ of the records and maps and plats of land in the Chancery Court of Forrest County, Mississippi.

Witness My Signature on this, the ____ Day of _____, 20____.

CHANCERY CLERK





City of Hattiesburg, MS

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

Master

File Number: 2018-230

File ID: 2018-230

Type: Regular Agenda Item

Status: Tabled

Version: 2

Reference:

In Control: City Council

Requester: Ann Jones

File Created: 02/12/2018

Brief Title: Proposed HFD Pay Scale Alignment.

Final Action: 02/20/2018

Minute Book Number: TABLED MB2018-40,

Title:

Adopt pay scale alignment for the Hattiesburg Fire Department.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-5

Sponsors:

Enactment Date:

Attachments: Fire Department Proposed Pay Scale, HFD Draft Pay Alignment Scale Presentation, 2-20-18

Enactment Number:

Contact:

Meeting Date: 02/20/2018

Drafter: Ann Jones

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
2	City Council	02/20/2018	Table				Pass
Action Text: A MOTION was made by Council Member Delgado and seconded by Council Member George to TABLE to Adopt pay scale alignment for the Hattiesburg Fire Department.							
Mayor Barker said that Ann Jones will present the plan, but requested that the Council table it and that it be brought back in a few weeks or a month for a vote.							
After Ms. Jones' presentation, Council member Delgado raised concerns about the amounts allowed for education for fire department personnel and other employees of the City.							
Following discussion, the Motion to Table 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 2018-230

Title

Adopt pay scale alignment for the Hattiesburg Fire Department.

Summary

Adopting pay scale alignment for the Hattiesburg Fire Department.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

	<u>Base</u>	<u>Associates/EMT</u>	<u>Bachelor</u>	<u>Masters</u>
<u>Fire Fighter</u>				
1	30,000.00	31,000.00	32,000.00	33,000.00
2	31,500.00	32,500.00	33,500.00	34,500.00
3	33,000.00	34,000.00	35,000.00	36,000.00
4	34,500.00	35,500.00	36,500.00	37,500.00
5	36,000.00	37,000.00	38,000.00	39,000.00
6	37,500.00	38,500.00	39,500.00	40,500.00
7	39,000.00	40,000.00	41,000.00	42,000.00
8	40,500.00	41,500.00	42,500.00	43,500.00
9	42,000.00	43,000.00	44,000.00	45,000.00
10	43,500.00	44,500.00	45,500.00	46,500.00
11	45,000.00	46,000.00	47,000.00	48,000.00
12	46,500.00	47,500.00	48,500.00	49,500.00
<u>Fire Fighter Relief Driver</u>				
1	33,000.00	34,000.00	35,000.00	36,000.00
2	34,500.00	35,500.00	36,500.00	37,500.00
3	36,000.00	37,000.00	38,000.00	39,000.00
4	37,500.00	38,500.00	39,500.00	40,500.00
5	39,000.00	40,000.00	41,000.00	42,000.00
6	40,500.00	41,500.00	42,500.00	43,500.00
7	42,000.00	43,000.00	44,000.00	45,000.00
8	43,500.00	44,500.00	45,500.00	46,500.00
9	45,000.00	46,000.00	47,000.00	48,000.00
10	46,500.00	47,500.00	48,500.00	49,500.00
11	48,000.00	49,000.00	50,000.00	51,000.00
12	49,500.00	50,500.00	51,500.00	52,500.00
<u>Fire Fighter Engineer</u>				
1	40,000.00	41,000.00	42,000.00	43,000.00
2	41,500.00	42,500.00	43,500.00	44,500.00
3	43,000.00	44,000.00	45,000.00	46,000.00
4	44,500.00	45,500.00	46,500.00	47,500.00
5	46,000.00	47,000.00	48,000.00	49,000.00
6	47,500.00	48,500.00	49,500.00	50,500.00
7	49,000.00	50,000.00	51,000.00	52,000.00

8	50,500.00	51,500.00	52,500.00	53,500.00
9	52,000.00	53,000.00	54,000.00	55,000.00
10	53,500.00	54,500.00	55,500.00	56,500.00
11	55,000.00	56,000.00	57,000.00	58,000.00
12	56,500.00	57,500.00	58,500.00	59,500.00
<u>Fire Fighter Lieutenant</u>				
1	43,000.00	44,000.00	45,000.00	46,000.00
2	44,500.00	45,500.00	46,500.00	47,500.00
3	46,000.00	47,000.00	48,000.00	49,000.00
4	47,500.00	48,500.00	49,500.00	50,500.00
5	49,000.00	50,000.00	51,000.00	52,000.00
6	50,500.00	51,500.00	52,500.00	53,500.00
7	52,000.00	53,000.00	54,000.00	55,000.00
8	53,500.00	54,500.00	55,500.00	56,500.00
9	55,000.00	56,000.00	57,000.00	58,000.00
10	56,500.00	57,500.00	58,500.00	59,500.00
<u>Fire Fighter Captain</u>				
1	47,000.00	48,000.00	49,000.00	50,000.00
2	48,500.00	49,500.00	50,500.00	51,500.00
3	50,000.00	51,000.00	52,000.00	53,000.00
4	51,500.00	52,500.00	53,500.00	54,500.00
5	53,000.00	54,000.00	55,000.00	56,000.00
6	54,500.00	55,500.00	56,500.00	57,500.00
7	56,000.00	57,000.00	58,000.00	59,000.00
8	57,500.00	58,500.00	59,500.00	60,500.00
9	59,000.00	60,000.00	61,000.00	62,000.00
10	60,500.00	61,500.00	62,500.00	63,500.00
<u>Fire Fighter Batallion Chief</u>				
1	60,000.00	61,000.00	62,000.00	63,000.00
2	61,500.00	62,500.00	63,500.00	64,500.00
3	63,000.00	64,000.00	65,000.00	66,000.00
4	64,500.00	65,500.00	66,500.00	67,500.00
5	66,000.00	67,000.00	68,000.00	69,000.00
<u>Fire Fighter Assistant Chief</u>				
1	64,000.00	65,000.00	66,000.00	67,000.00

2	65,500.00	66,500.00	67,500.00	68,500.00
3	67,000.00	68,000.00	69,000.00	70,000.00
4	68,500.00	69,500.00	70,500.00	71,500.00
5	70,000.00	71,000.00	72,000.00	73,000.00
<u>Fire Department Chief</u>	77,000.00			



Hattiesburg Fire Department Draft Pay Alignment Scale

Alignment Levels

- Firefighter
- Relief Driver
- Engineer
- Lieutenant
- Captain
- Battalion Chief
- Assistant Chief
- Chief





Alignment Goals

- Consistency among professional development
- Incentives for officers to continue training
- Motivation to move into leadership roles and up in the ranks
- Retains officers for longer periods of time
- Affords predictability in budgeting
- Creates recruitment tool for lateral transfers

Draft Pay Scale Firefighter-27



	Base	Associates Degree/EMT	Bachelors Degree	Masters Degree
1	30,000	31,000	32,000	33,000
2	31,500	32,500	33,500	34,500
3	33,000	34,000	35,000	36,000
4	34,500	35,500	36,500	37,500
5	36,000	37,000	38,000	39,000
6	37,500	38,500	39,500	40,500
7	39,000	40,000	41,000	42,000
8	40,500	41,500	42,500	43,500
9	42,000	43,000	44,000	45,000
10	43,500	44,500	45,500	46,500
11	45,000	46,000	47,000	48,000
12	46,500	47,500	48,500	49,500

Draft Pay Scale Relief Driver-30



	Base	Associates Degree/EMT	Bachelors Degree	Masters Degree
1	33,000	34,000	35,000	36,000
2	34,500	35,500	36,500	37,500
3	36,000	37,000	38,000	39,000
4	37,500	38,500	39,500	40,500
5	39,000	40,000	41,000	42,000
6	40,500	41,500	42,500	43,500
7	42,000	43,000	44,000	45,000
8	43,500	44,500	45,500	46,500
9	45,000	46,000	47,000	48,000
10	46,500	47,500	48,500	49,500
11	48,000	49,000	50,000	51,000
12	49,500	50,500	51,500	52,500

Draft Pay Scale Engineer-30



	Base	Associates Degree/EMT	Bachelors Degree	Masters Degree
1	40,000	41,000	42,000	43,000
2	41,500	42,500	43,500	44,500
3	43,000	44,000	45,000	46,000
4	44,500	45,500	46,500	47,500
5	46,000	47,000	48,000	49,000
6	47,500	48,500	49,500	50,500
7	49,000	50,000	51,000	52,000
8	50,500	51,500	52,500	53,500
9	52,000	53,000	54,000	55,000
10	53,500	54,500	55,500	56,500
11	55,000	56,000	57,000	58,000
12	56,500	57,500	58,500	59,500

Draft Pay Scale Lieutenant-23



	Base	Associates Degree/EMT	Bachelors Degree	Masters Degree
1	43,000	44,000	45,000	46,000
2	44,500	45,500	46,500	47,500
3	46,000	47,000	48,000	49,000
4	47,500	48,500	49,500	50,500
5	49,000	50,000	51,000	52,000
6	50,500	51,500	52,500	53,500
7	52,000	53,000	54,000	55,000
8	53,500	54,500	55,500	56,500
9	55,000	56,000	57,000	58,000
10	56,500	57,500	58,500	59,500



Draft Pay Scale Captain-6

	Base	Associates Degree/EMT	Bachelors Degree	Masters Degree
1	47,000	48,000	49,000	50,000
2	48,500	49,500	50,500	51,500
3	50,000	51,000	52,000	53,000
4	51,500	52,500	53,500	54,500
5	53,000	54,000	55,000	56,000
6	54,500	55,500	56,500	57,500
7	56,000	57,000	58,000	59,000
8	57,500	58,500	59,500	60,500
9	59,000	60,000	61,000	6,000
10	60,500	61,500	62,500	63,500



Draft Pay Scale Battalion Chief-5

	Base	Associates Degree/EMT	Bachelors Degree	Masters Degree
1	60,000	61,000	62,000	63,000
2	61,500	62,500	63,500	64,500
3	63,000	64,000	65,000	66,000
4	64,500	65,500	66,500	67,500
5	66,000	67,000	68,000	69,000

Draft Pay Scale Assistant Chief-1



	Base	Associates Degree/EMT	Bachelors Degree	Masters Degree
1	64,000	65,000	66,000	67,000
2	65,500	66,500	67,500	68,500
3	67,000	68,000	69,000	70,000
4	68,500	69,500	70,500	71,500
5	70,000	71,000	72,000	73,000

Draft Pay Scale Chief-1



Base
77,000



City of Hattiesburg, MS

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

Master

File Number: 2018-234

File ID: 2018-234

Type: Regular Agenda Item

Status: Passed

Version: 2

Reference:

In Control: City Council

Requester: Andrew Ellard

File Created: 02/12/2018

Brief Title: FTA drug and alcohol policy

Final Action: 02/20/2018

Minute Book Number: MB2018-40

Title:

Approve or deny to adopt a drug and alcohol policy for Hub City Transit in compliance with requirements of the Federal Transit Administration.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-6

Sponsors:

Enactment Date:

Attachments: Drug Policy FTA compliant 02072018

Enactment Number:

Contact:

Meeting Date: 02/20/2018

Drafter: Stephanie Hall

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
2	City Council	02/20/2018	Approve				Pass
Action Text: A MOTION was made by Council Member Delgado and seconded by Council Vice President Dryden to Approve to adopt a drug and alcohol policy for Hub City Transit in compliance with requirements of the Federal Transit Administration.							
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 2018-234

Title

Approve or deny to adopt a drug and alcohol policy for Hub City Transit in compliance with requirements of the Federal Transit Administration.

Summary

FTA drug and alcohol policy

Budget Information

Expenditure Type

Purchasing Item

Publication Information

City of Hattiesburg

Drug and Alcohol Policy

Effective as of

February 20, 2018

Adopted by: City Council, City of Hattiesburg

Date Adopted: February 20, 2018

Last Revised: N/A

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I. Purpose of Policy

This policy complies with 49 CFR Part 655, as amended and 49 CFR Part 40, as amended. Copies of Parts 655 and 40 are available in the drug and alcohol program manager's office and can be found on the internet at the Federal Transit Administration (FTA) Drug and Alcohol Program website <http://transit-safety.fta.dot.gov/DrugAndAlcohol/>.

All covered employees are required to submit to drug and alcohol tests as a condition of employment in accordance with 49 CFR Part 655.

Portions of this policy are not FTA-mandated, but reflect City of Hattiesburg's policy. These additional provisions are identified by **bold text**.

In addition, DOT has published 49 CFR Part 29, implementing the Drug-Free Workplace Act of 1988, which requires the establishment of drug-free workplace policies and the reporting of certain drug-related offenses to the FTA.

All City of Hattiesburg employees are subject to the provisions of the Drug-Free Workplace Act of 1988.

The unlawful manufacture, distribution, dispensation, possession or use of a controlled substance is prohibited in the covered workplace. An employee who is convicted of any criminal drug statute for a violation occurring in the workplace shall notify their Director and the Division Manager of Mass Transit no later than five days after such conviction.

2. Covered Employees

This policy applies to every person, including an applicant or transferee, who performs or will perform a "safety-sensitive function" as defined in Part 655, section 655.4.

You are a covered employee if you perform any of the following:

- Operating a revenue service vehicle, in or out of revenue service
- Operating a non-revenue vehicle requiring a commercial driver's license
- Controlling movement or dispatch of a revenue service vehicle
- Maintaining (including repairs, overhaul and rebuilding) of a revenue service vehicle or equipment used in revenue service
- Carrying a firearm for security purposes

See Attachment A for a list of covered positions by job title.

3. Prohibited Behavior

Use of illegal drugs is prohibited at all times. All covered employees are prohibited from reporting for duty or remaining on duty any time there is a quantifiable presence of a prohibited drug in the body above the minimum thresholds defined in Part 40. Prohibited drugs include:

- marijuana
- cocaine
- phencyclidine (PCP)
- opiates
- amphetamines

All covered employees are prohibited from performing or continuing to perform safety-sensitive functions while having an alcohol concentration of 0.04 or greater.

All covered employees are prohibited from consuming alcohol while performing safety-sensitive job functions or while on-call to perform safety-sensitive job functions. If an on-call employee has consumed alcohol, they must acknowledge the use of alcohol at the time that they are called to report for duty. If the on-call employee claims the ability to perform his or her safety-sensitive function, he or she must take an alcohol test with a result of less than 0.02 prior to performance.

All covered employees are prohibited from consuming alcohol within four (4) hours prior to the performance of safety-sensitive job functions.

All covered employees are prohibited from consuming alcohol for eight (8) hours following involvement in an accident or until he or she submits to the post-accident drug and alcohol test, whichever occurs first.

4. Consequences for Violations

Following a positive drug or alcohol (BAC at or above 0.04) test result or test refusal, the employee will be immediately removed from safety-sensitive duty and referred to a Substance Abuse Professional.

Following a BAC of 0.02 or greater, but less than 0.04, the employee will be immediately removed from safety-sensitive duties for at least eight hours unless a retest results in the employee's alcohol concentration being less than 0.02.

Zero Tolerance

Per City of Hattiesburg policy, any employee who tests positive for drugs or alcohol (BAC at or above 0.04) or refuses to test will be referred to a Substance Abuse Professional (SAP) **and terminated from employment.**

5. Circumstances for Testing

Pre-Employment Testing

A negative pre-employment drug test result is required before an employee can first perform safety-sensitive functions. If a pre-employment test is cancelled, the individual will be required to undergo another test and successfully pass with a verified negative result before performing safety-sensitive functions.

If a covered employee has not performed a safety-sensitive function for 90 or more consecutive calendar days, and has not been in the random testing pool during that time, the employee must take and pass a pre-employment test before he or she can return to a safety-sensitive function.

A covered employee or applicant who has previously failed or refused a DOT pre-employment drug and/or alcohol test must provide proof of having successfully completed a referral, evaluation, and treatment plan meeting DOT requirements.

Reasonable Suspicion Testing

All covered employees shall be subject to a drug and/or alcohol test when City of Hattiesburg has reasonable suspicion to believe that the covered employee has used a prohibited drug and/or engaged in alcohol misuse. A reasonable suspicion referral for testing will be made by a trained supervisor or other trained company official on the basis of specific, contemporaneous, articulable observations concerning the appearance, behavior, speech, or body odors of the covered employee.

Covered employees may be subject to reasonable suspicion drug testing any time while on duty. Covered employees may be subject to reasonable suspicion alcohol testing while the employee is performing safety-sensitive functions, just before the employee is to perform safety-sensitive functions, or just after the employee has ceased performing such functions.

Post-Accident Testing

Covered employees shall be subject to post-accident drug and alcohol testing under the following circumstances:

Fatal Accidents

As soon as practicable following an accident involving the loss of a human life, drug and alcohol tests will be conducted on each surviving covered employee operating the public transportation vehicle at the time of the accident. In addition, any other covered employee whose performance could have contributed to the accident, as determined by City of Hattiesburg using the best information available at the time of the decision, will be tested.

Non-fatal Accidents

FTA Drug and Alcohol Policy – City of Hattiesburg

As soon as practicable following an accident not involving the loss of a human life, drug and alcohol tests will be conducted on each covered employee operating the public transportation vehicle at the time of the accident if at least one of the following conditions is met:

- (1) The accident results in injuries requiring immediate medical treatment away from the scene, unless the covered employee can be completely discounted as a contributing factor to the accident
- (2) One or more vehicles incurs disabling damage and must be towed away from the scene, unless the covered employee can be completely discounted as a contributing factor to the accident

In addition, any other covered employee whose performance could have contributed to the accident, as determined by City of Hattiesburg using the best information available at the time of the decision, will be tested.

A covered employee subject to post-accident testing must remain readily available, or it is considered a refusal to test. Nothing in this section shall be construed to require the delay of necessary medical attention for the injured following an accident or to prohibit a covered employee from leaving the scene of an accident for the period necessary to obtain assistance in responding to the accident or to obtain necessary emergency medical care.

Random Testing

Random drug and alcohol tests are unannounced and unpredictable, and the dates for administering random tests are spread reasonably throughout the calendar year. Random testing will be conducted at all times of the day when safety-sensitive functions are performed.

Testing rates will meet or exceed the minimum annual percentage rate set each year by the FTA administrator. The current year testing rates can be viewed online at www.transportation.gov/odapc/random-testing-rates.

The selection of employees for random drug and alcohol testing will be made by a scientifically valid method, such as a random number table or a computer-based random number generator. Under the selection process used, each covered employee will have an equal chance of being tested each time selections are made.

A covered employee may only be randomly tested for alcohol misuse while the employee is performing safety-sensitive functions, just before the employee is to perform safety-sensitive functions, or just after the employee has ceased performing such functions. A covered employee may be randomly tested for prohibited drug use anytime while on duty.

Each covered employee who is notified of selection for random drug or random alcohol testing must immediately proceed to the designated testing site.

6. Testing Procedures

All FTA drug and alcohol testing will be conducted in accordance with 49 CFR Part 40, as amended.

Dilute Urine Specimen

If there is a negative dilute test result, the City of Hattiesburg will accept the test result and there will be no retest, unless the creatinine concentration of a negative dilute specimen was greater than or equal to 2 mg/dL, but less than or equal to 5 mg/dL.

Dilute negative results with a creatinine level greater than or equal to 2 mg/dL but less than or equal to 5 mg/dL require an immediate recollection under direct observation (see 49 CFR Part 40, section 40.67).

Split Specimen Test

In the event of a verified positive test result, or a verified adulterated or substituted result, the employee can request that the split specimen be tested at a second laboratory. The City of Hattiesburg guarantees that the split specimen test will be conducted in a timely fashion. Should an employee request the split specimen be tested at a second laboratory; the cost of such test shall be at the employee's expense.

7. Test Refusals

As a covered employee, you have refused to test if you:

- (1) Fail to appear for any test (except a pre-employment test) within a reasonable time, as determined by City of Hattiesburg.
- (2) Fail to remain at the testing site until the testing process is complete. An employee who leaves the testing site before the testing process commences for a pre-employment test has not refused to test.
- (3) Fail to attempt to provide a breath or urine specimen. An employee who does not provide a urine or breath specimen because he or she has left the testing site before the testing process commenced for a pre-employment test has not refused to test.
- (4) In the case of a directly-observed or monitored urine drug collection, fail to permit monitoring or observation of your provision of a specimen.
- (5) Fail to provide a sufficient quantity of urine or breath without a valid medical explanation.
- (6) Fail or decline to take a second test as directed by the collector or City of Hattiesburg for drug testing.
- (7) Fail to undergo a medical evaluation as required by the MRO or City of Hattiesburg's Designated Employer Representative (DER).

- (8) Fail to cooperate with any part of the testing process.
- (9) Fail to follow an observer's instructions to raise and lower clothing and turn around during a directly-observed test.
- (10) Possess or wear a prosthetic or other device used to tamper with the collection process.
- (11) Admit to the adulteration or substitution of a specimen to the collector or MRO.
- (12) Refuse to sign the certification at Step 2 of the Alcohol Testing Form (ATF).
- (13) Fail to remain readily available following an accident.

As a covered employee, if the MRO reports that you have a verified adulterated or substituted test result, you have refused to take a drug test.

As a covered employee, if you refuse to take a drug and/or alcohol test, you incur the same consequences as testing positive and will be immediately removed from performing safety-sensitive functions, and referred to a SAP.

8. Voluntary Self-Referral

Any employee who has a drug and/or alcohol abuse problem and has not been selected for reasonable suspicion, random or post-accident testing or has not refused a drug or alcohol test may voluntarily refer her or himself to the Human Resources Department, who will refer the individual to a substance abuse counselor for evaluation and treatment.

The substance abuse counselor will evaluate the employee and make a specific recommendation regarding the appropriate treatment. Employees are encouraged to voluntarily seek professional substance abuse assistance before any substance use or dependence affects job performance.

Any safety-sensitive employee who admits to a drug and/or alcohol problem will immediately be removed from his/her safety-sensitive function and will not be allowed to perform such function until successful completion of a prescribed rehabilitation program.

9. Prescription Drug Use

The appropriate use of legally prescribed drugs and non-prescription medications is not prohibited. However, the use of any substance which carries a warning label that indicates that mental functioning, motor skills, or judgment may be adversely affected must be reported to the employee's Director and the Division Manager of Mass Transit. Medical advice should be sought, as appropriate, while taking such medication and before performing safety-sensitive duties.

I0. Contact Person

For questions about City of Hattiesburg's anti-drug and alcohol misuse program, contact the Human Resources Department.

Attachment A: Covered Positions

Mass Transit Employees:

Drivers

Mechanics

Crew Supervisor and Division Manager of Mass Transit. Drug testing can be done anytime, before alcohol testing ensure the test is performed within the allowable time frame.



City of Hattiesburg, MS

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

Master

File Number: 2018-240

File ID: 2018-240

Type: Resolution

Status: Passed

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 02/13/2018

Brief Title: Adopt a Resolution authorizing Requisition No. 16 -
2016 Water/Sewer Bonds.

Final Action: 02/20/2018

Minute Book Number: MB2018-40

Title:

Adopt a Resolution authorizing Requisition No. 16 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: 02/20/2018

Indexes:

Agenda Number: V.-7

Sponsors:

Enactment Date:

Attachments: 2016 Bond Resolution No. 16, RES#2018-29,
executed 2016 Bond Resolution No. 16

Enactment Number:

Contact:

Meeting Date: 02/20/2018

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	02/20/2018	Adopt				Pass
Action Text: A MOTION was made by Council Member George and seconded by Council Member Brown to Adopt a Resolution authorizing Requisition No. 16 from the Project Fund Construction Account in connection with a certain loan agreement dated August 18, 2016, by and between the Mississippi Development Bank and the City of Hattiesburg.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 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 2018-240

Title

Adopt a Resolution authorizing Requisition No. 16 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. 16 - 2016 Water/Sewer Bonds.

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. **16** 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. 16 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. **16** from the Project Fund Construction Account under the Loan in the total aggregate amount of **\$51,060.00** for the purpose of paying Water & Sewer Projects in connection with the loan as more particularly described in Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HATTIESBURG, MISSISSIPPI:

SECTION 1. The City Council of the City hereby authorizes and approves Requisition No. **16** from the Project Fund Construction Account under the Loan in the total aggregate amount of **Fifty-one Thousand sixty and 00/100 dollars (\$51,060.00)** for the purpose of paying Water & Sewer Projects in connection with the loan as more particularly described in Exhibit A.

SECTION 2. The City Council hereby directs Regions Bank, as Trustee to disburse funds of Requisition No. **16** in the total aggregate amount of **Fifty-one Thousand sixty and 00/100 dollars (\$51,060.00)** as authorized herein, as more particularly described in Exhibit A.

SECTION 3. The Mayor and City Clerk are hereby authorized and directed for and on behalf of the City to take any and all action as may be required by the City to carry out and give effect to the aforesaid documents authorized pursuant to this Resolution and to execute all papers, documents, certificates and other instruments that may be required for the carrying out of the authority conferred by this Resolution in order to evidence the authority.

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

YEAS:

NAYS:

ABSENT:

The motion having received the affirmative vote of a majority of the Council members present, the President declared the motion carried and the resolution adopted, on this the **20th day of February**, 2018.

(SEAL)

ATTEST:

ADOPTED:

CLERK OF COUNCIL

PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the **20th day of February**, 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.: 16

DATE OF REQUISITION: 2/20/2018

Item #	Payee Name & Address	Budget Line Item	Payment Amount	Invoice #	Purpose of Payment
1	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7245.62	\$ 13,400.00	20063	Water Ph V Period: 12/24/17 - 1/27/18 MB 2011-4/89-110 SDW # 1273-W013
2	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7245.51	\$ 4,470.00	20064	Water Ph II - Palmers Crossing Period: 12/24/17 - 1/27/18 MB 2011-4/89-110 SDW #1273-W007
3	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.54	\$ 9,322.50	20065	Sewer Improvements Ph V Period: 12/24/17 - 1/27/18 MB 2011-4/89-110 SDW Project# 1273-S005
4	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7295.70	\$ 1,575.00	20066	Water Plant #1 Rehabilitation Period: 12/24/17 - 1/27/18 MB 2017-81 SDW #1273-W015
5	Shows, Dearman, & Waits, Inc. 301 Second Ave	093695.7220.72	\$ 1,400.00	20067	Sewer Improvements Phase X - Quinn St. Area Period: 12/24/17 - 1/27/18

Hattiesburg, MS 39401

MB 2011-4/89-110
SDW #1273-S011

6	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	93695.7220.xx	\$	20,892.50	20078	CIPP Project Period: 12/24/17 - 1/27/18 MB 2011-4/89-110 SDW #11256
7	Pittman Law Firm P O Drawer 17138 Hattiesburg, MS 39404-8138	093695.7295.70 (Void Check #012048575 issued to wrong vendor)	\$	(7,692.17)	19979	Water Plant #1 Rehabilitation Period: 10/22/17 - 11/30/17 MB 2017-81 SDW #1273-W015
8	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7295.70 (Pay correct vendor for above error)	\$	7,692.17	19979	Water Plant #1 Rehabilitation Period: 10/22/17 - 11/30/17 MB 2017-81 SDW #1273-W015

<u>S</u>	<u>51,060.00</u>
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CITY OF HATTIESBURG
P. O. BOX 1898
HATTIESBURG, MS 39403-1898

January 31, 2018
Project No: 1273-W013.001
Invoice No: 20063

Project Manager Kyle Wallace

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

Professional Services from December 24, 2017 to January 27, 2018

Phase CM Construction Management

Professional Personnel

	Hours	Rate	Amount	
SR. RESIDENT PROJECT REPRESENTATIVE				
Jackson, Terry	55.00	85.00	4,675.00	
Tingle, William	20.00	95.00	1,900.00	
PROJECT ENGINEER				
Sellers, Bennie	21.00	150.00	3,150.00	
Wallace, Kyle	21.00	175.00	3,675.00	
Totals	117.00		13,400.00	
Total Labor				13,400.00
		Total this Phase		\$13,400.00
		Total this Invoice		\$13,400.00

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

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

093695.7245.62
MB 2011-4/89-110

LR



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

January 31, 2018
Project No: 1273-W007
Invoice No: 20064

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

Professional Services from December 24, 2017 to January 27, 2018

Phase CM Palmer's Crossing - Construction Phase

Professional Personnel

	Hours	Rate	Amount	
CONSTRUCTION OBSERVER				
Jackson, Terry	7.00	85.00	595.00	
Tingle, William	5.00	85.00	425.00	
PROJECT ENGINEER				
Sellers, Bennie	5.00	150.00	750.00	
Wallace, Kyle	18.00	150.00	2,700.00	
Totals	35.00		4,470.00	
Total Labor				4,470.00
		Total this Phase		\$4,470.00
		Total this Invoice		\$4,470.00

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

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

093695.7245.51
MTB 2011-4/89-110

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

January 31, 2018
Project No: 1273-S005
Invoice No: 20065

Project Manager Kyle Wallace

Project 1273-S005 ComSWIP Sewer Phase V

Professional Services from December 24, 2017 to January 27, 2018

Phase CM Phase V - Construction Phase Services

Professional Personnel

	Hours	Rate	Amount	
CONSTRUCTION OBSERVER				
Jackson, Terry	45.00	85.00	3,825.00	
Tingle, William	18.00	95.00	1,710.00	
PROJECT ENGINEER				
McNease, Shea	4.00	175.00	700.00	
Sellers, Bennie	6.00	150.00	900.00	
Wallace, Kyle	12.50	175.00	2,187.50	
Totals	85.50		9,322.50	
Total Labor				9,322.50
		Total this Phase		\$9,322.50
		Total this Invoice		\$9,322.50

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

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

093695.7220.54
MB 2012-1/4/13

LR



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

January 31, 2018
Project No: 1273-W015
Invoice No: 20066

Project Manager John Weeks
Project 1273-W015 Water Plant #1 Rehabilitation
Professional Services from December 24, 2017 to January 27, 2018

Phase DD Design Phase Services

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Connolly, Nicholas	4.00	175.00	700.00	
McNease, Shea	5.00	175.00	875.00	
Totals	9.00		1,575.00	
Total Labor				1,575.00
		Total this Phase		\$1,575.00
		Total this Invoice		\$1,575.00

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

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

093695.7295.70

MB 2017-81

LR



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

January 31, 2018
Project No: 1273-S011
Invoice No: 20067

Project Manager John Weeks
Project 1273-S011 ComSWIP Sewer Phase X - Quinn St. Area
Professional Services from December 24, 2017 to January 27, 2018
Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
McNease, Shea	7.00	175.00	1,225.00	
Weeks, John	1.00	175.00	175.00	
Totals	8.00		1,400.00	
Total Labor				1,400.00
		Total this Invoice		\$1,400.00

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

Put on Reg #16

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

093695. 7220, 72
MB 2011-4/89-110

LN



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

January 31, 2018
Project No: 11256
Invoice No: 20078

Project Manager John Weeks
Project 11256 CIPP Sewer in Various Locations

Professional Services from December 24, 2017 to January 27, 2018

Phase DD Design Phase Services

Professional Personnel

	Hours	Rate	Amount	
CADD TECHNICIAN I				
Sullivan, Richard	6.00	105.00	630.00	
CAD TECHNICIAN II				
Trahan, Beau	72.50	90.00	6,525.00	
PROJECT ENGINEER				
McNease, Shea	4.00	175.00	700.00	
Weeks, John	74.50	175.00	13,037.50	
Totals	157.00		20,892.50	
Total Labor				20,892.50
		Total this Phase		\$20,892.50
		Total this Invoice		\$20,892.50

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

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

093695.7220.——

MB 2011-4/89-110

LR



PITTMAN LAW FIRM
P O DRAWER 17138
HATTIESBURG, MS 39404-7138

NON NEGOTIABLE

Check Amount: \$7,692.17
Check Number: 012048575
Check Date: 02/07/18
Firm ID: 101000
Activity ID: 106410740
Disb Desc: Miscellaneous

ACCOUNT OWNER: CITY OF HATTIESBURG, MS
REGIONS BANK
201 MILAN PARKWAY
BIRMINGHAM, AL 35211

MEMO: INVOICE NO 19979

PLEASE FOLD AND DETACH AT PERFORATION BEFORE PRESENTING FOR PAYMENT

THE FACE OF THIS DOCUMENT HAS A GREEN BACKGROUND ON WHITE PAPER



No. 012048575

62-22
311

DATE: 02/07/18

NOT VALID AFTER SIX MONTHS

PAY Seven thousand six hundred ninety two and 17/100 Dollars***

PAY TO PITTMAN LAW FIRM
P O DRAWER 17138
HATTIESBURG, MS 39404-7138

CHECK AMOUNT

*****\$7,692.17***

Payable in U.S. Funds

MEMO: 01 INVOICE NO 19979

Ria Walsh

AUTHORIZED SIGNATURE



THE BACK OF THIS CHECK CONTAINS A HEAT REACTIVE INK SPOT. HOLD OR RUB WITH THUMB & COLOR SHOULD FADE THEN REAPPEAR. FOR IF WATERMARK DOES NOT APPEAR ON BACK OF CHECK.

⑈012048575⑈ ⑆031100225⑆ 2079950026435⑈



Engineering Progress

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

November 29, 2017
Project No: 1273-W015
Invoice No: 19979

Project Manager John Weeks
Project 1273-W015 Water Plant #1 Rehabilitation
Professional Services from October 22, 2017 to November 30, 2017

Phase AS Additional Services

Consultants

DOLEAC ELECTRIC COMPANY, INC	2,252.17		
Utility Service Co., Inc.	5,000.00		
Total Consultants	1.0 times	7,252.17	7,252.17
	Total this Phase		\$7,252.17

Phase DD Design Phase Services

Professional Personnel

	Hours	Rate	Amount	
Connolly, Nicholas	2.00	175.00	350.00	
CADD TECHNICIAN I				
Simmons, Skyler	1.00	90.00	90.00	
Totals	3.00		440.00	
Total Labor				440.00
	Total this Phase			\$440.00
	Total this Invoice			\$7,692.17

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

093695. 7295.70

MB 2017=81

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

LR

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. 16 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. 16 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. 16 from the Project Fund Construction Account under the Loan in the total aggregate amount of **\$51,060.00** for the purpose of paying Water & Sewer Projects in connection with the loan as more particularly described in Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HATTIESBURG, MISSISSIPPI:

SECTION 1. The City Council of the City hereby authorizes and approves Requisition No. 16 from the Project Fund Construction Account under the Loan in the total aggregate amount of **Fifty-one Thousand sixty and 00/100 dollars (\$51,060.00)** for the purpose of paying Water & Sewer Projects in connection with the loan as more particularly described in Exhibit A.

SECTION 2. The City Council hereby directs Regions Bank, as Trustee to disburse funds of Requisition No.16 in the total aggregate amount of **Fifty-one Thousand sixty and 00/100 dollars (\$51,060.00)** as authorized herein, as more particularly described in Exhibit A.

SECTION 3. The Mayor and City Clerk are hereby authorized and directed for and on behalf of the City to take any and all action as may be required by the City to carry out and give effect to the aforesaid documents authorized pursuant to this Resolution and to execute all papers, documents, certificates and other instruments that may be required for the carrying out of the authority conferred by this Resolution in order to evidence the authority.

The above and foregoing Resolution, after having been first reduced to writing, was introduced by Council Member George seconded by Council Member Brown, 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 **20th day of February, 2018.**

(SEAL)

ATTEST:



CLERK OF COUNCIL

DEPUTY

ADOPTED:



PRESIDENT

The above and foregoing Resolution having been submitted to and approved by the Mayor, this the **20th day of February, 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.: 16

DATE OF REQUISITION: 2/20/2018

Item #	Payee Name & Address	Budget Line Item	Payment Amount	Invoice #	Purpose of Payment
1	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7245.62	\$ 13,400.00	20063	Water Ph V Period: 12/24/17 - 1/27/18 MB 2011-4/89-110 SDW # 1273-W013
2	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7245.51	\$ 4,470.00	20064	Water Ph II - Palmers Crossing Period: 12/24/17 - 1/27/18 MB 2011-4/89-110 SDW #1273-W007
3	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7220.54	\$ 9,322.50	20065	Sewer Improvements Ph V Period: 12/24/17 - 1/27/18 MB 2011-4/89-110 SDW Project# 1273-S005
4	Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7295.70	\$ 1,575.00	20066	Water Plant #1 Rehabilitation Period: 12/24/17 - 1/27/18 MB 2017-81 SDW #1273-W015
5	Shows, Dearman, & Waits, Inc. 301 Second Ave	093695.7220.72	\$ 1,400.00	20067	Sewer Improvements Phase X - Quinn St. Area Period: 12/24/17 - 1/27/18

Hattiesburg, MS 39401					MB 2011-4/89-110 SDW #1273-S011
6 Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	93695.7220.xx	\$ 20,892.50	20078		CIPP Project Period: 12/24/17 - 1/27/18 MB 2011-4/89-110 SDW #11256
7 Pittman Law Firm P O Drawer 17138 Hattiesburg, MS 39404-8138	093695.7295.70 (Void Check #012048575 issued to wrong vendor)	\$ (7,692.17)	19979		Water Plant #1 Rehabilitation Period: 10/22/17 - 11/30/17 MB 2017-81 SDW #1273-W015
8 Shows, Dearman, & Waits, Inc. 301 Second Ave Hattiesburg, MS 39401	093695.7295.70 (Pay correct vendor for above error)	\$ 7,692.17	19979		Water Plant #1 Rehabilitation Period: 10/22/17 - 11/30/17 MB 2017-81 SDW #1273-W015

<u>\$ 51,060.00</u>



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

January 31, 2018
Project No: 1273-W013.001
Invoice No: 20063

Project Manager Kyle Wallace

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

Professional Services from December 24, 2017 to January 27, 2018

Phase CM Construction Management

Professional Personnel

	Hours	Rate	Amount	
SR. RESIDENT PROJECT REPRESENTATIVE				
Jackson, Terry	55.00	85.00	4,675.00	
Tingle, William	20.00	95.00	1,900.00	
PROJECT ENGINEER				
Sellers, Bennie	21.00	150.00	3,150.00	
Wallace, Kyle	21.00	175.00	3,675.00	
Totals	117.00		13,400.00	
Total Labor				13,400.00
		Total this Phase		\$13,400.00
		Total this Invoice		\$13,400.00

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

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

093695.7245.62
MB 2011-4/89-110

LR



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

January 31, 2018
Project No: 1273-W007
Invoice No: 20064

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

Professional Services from December 24, 2017 to January 27, 2018

Phase CM Palmer's Crossing - Construction Phase

Professional Personnel

	Hours	Rate	Amount	
CONSTRUCTION OBSERVER				
Jackson, Terry	7.00	85.00	595.00	
Tingle, William	5.00	85.00	425.00	
PROJECT ENGINEER				
Sellers, Bennie	5.00	150.00	750.00	
Wallace, Kyle	18.00	150.00	2,700.00	
Totals	35.00		4,470.00	
Total Labor				4,470.00
		Total this Phase		\$4,470.00
		Total this Invoice		\$4,470.00

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

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

093695.7245.51
MTB 2011-4/89-110

LR



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

January 31, 2018
Project No: 1273-S005
Invoice No: 20065

Project Manager Kyle Wallace

Project 1273-S005 ComSWIP Sewer Phase V

Professional Services from December 24, 2017 to January 27, 2018

Phase CM Phase V - Construction Phase Services

Professional Personnel

	Hours	Rate	Amount	
CONSTRUCTION OBSERVER				
Jackson, Terry	45.00	85.00	3,825.00	
Tingle, William	18.00	95.00	1,710.00	
PROJECT ENGINEER				
McNease, Shea	4.00	175.00	700.00	
Sellers, Bennie	6.00	150.00	900.00	
Wallace, Kyle	12.50	175.00	2,187.50	
Totals	85.50		9,322.50	
Total Labor				9,322.50
		Total this Phase		\$9,322.50
		Total this Invoice		\$9,322.50

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

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

093695.7220.54
MB 2012-1/413

LR



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

January 31, 2018
Project No: 1273-W015
Invoice No: 20066

Project Manager John Weeks
Project 1273-W015 Water Plant #1 Rehabilitation
Professional Services from December 24, 2017 to January 27, 2018

Phase DD Design Phase Services

Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
Connolly, Nicholas	4.00	175.00	700.00	
McNease, Shea	5.00	175.00	875.00	
Totals	9.00		1,575.00	
Total Labor				1,575.00
		Total this Phase		\$1,575.00
		Total this Invoice		\$1,575.00

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

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

093695.7295.70

MB 2017-81

LR



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

January 31, 2018
Project No: 1273-S011
Invoice No: 20067

Project Manager John Weeks
Project 1273-S011 ComSWIP Sewer Phase X - Quinn St. Area
Professional Services from December 24, 2017 to January 27, 2018
Professional Personnel

	Hours	Rate	Amount	
PROJECT ENGINEER				
McNease, Shea	7.00	175.00	1,225.00	
Weeks, John	1.00	175.00	175.00	
Totals	8.00		1,400.00	
Total Labor				1,400.00
		Total this Invoice		\$1,400.00

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

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

093695. 1220, 72
MB 2011-4/89-110



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

January 31, 2018
Project No: 11256
Invoice No: 20078

Project Manager John Weeks
Project 11256 CIPP Sewer in Various Locations

Professional Services from December 24, 2017 to January 27, 2018

Phase DD Design Phase Services

Professional Personnel

	Hours	Rate	Amount	
CADD TECHNICIAN I				
Sullivan, Richard	6.00	105.00	630.00	
CAD TECHNICIAN II				
Trahan, Beau	72.50	90.00	6,525.00	
PROJECT ENGINEER				
McNease, Shea	4.00	175.00	700.00	
Weeks, John	74.50	175.00	13,037.50	
Totals	157.00		20,892.50	
Total Labor				20,892.50
		Total this Phase		\$20,892.50
		Total this Invoice		\$20,892.50

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

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

093695.7720.---

MB 2011-4/89-110

LR



PITTMAN LAW FIRM
P O DRAWER 17138
HATTIESBURG, MS 39404-7138

NON NEGOTIABLE

Check Amount: \$7,692.17
Check Number: 012048575
Check Date: 02/07/18
Firm ID: 101000
Activity ID: 106410740
Disb Desc: Miscellaneous

ACCOUNT OWNER: CITY OF HATTIESBURG, MS
REGIONS BANK
201 MILAN PARKWAY
BIRMINGHAM, AL 35211

MEMO: INVOICE NO 19979

PLEASE FOLD AND DETACH AT PERFORATION BEFORE PRESENTING FOR PAYMENT

THE FACE OF THIS DOCUMENT HAS A GREEN BACKGROUND OR WHITE PAPER



No. 012048575

62-22
311

DATE: 02/07/18

NOT VALID AFTER SIX MONTHS

PAY Seven thousand six hundred ninety two and 17/100 Dollars***

PAY TO PITTMAN LAW FIRM
P O DRAWER 17138
HATTIESBURG, MS 39404-7138

CHECK AMOUNT

*****\$7,692.17***

Payable in U.S. Funds

MEMO: 01 INVOICE NO 19979

Ria Walsh

AUTHORIZED SIGNATURE



THE BACK OF THIS CHECK CONTAINS A HEAT REACTIVE INK SPOT. HOLD OR RUB WITH THUMB & COLOR SHOULD FADE THEN REAPPEAR. VOID IF WATERMARK DOES NOT APPEAR ON BACK OF CHECK.

⑈012048575⑈ ⑆031100225⑆ 2079950026435⑈



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

November 29, 2017
Project No: 1273-W015
Invoice No: 19979

Project Manager John Weeks
Project 1273-W015 Water Plant #1 Rehabilitation
Professional Services from October 22, 2017 to November 30, 2017

Phase AS Additional Services
Consultants

DOLEAC ELECTRIC COMPANY, INC		2,252.17	
Utility Service Co., Inc.		5,000.00	
Total Consultants	1.0 times	7,252.17	7,252.17
	Total this Phase		\$7,252.17

Phase DD Design Phase Services
Professional Personnel

	Hours	Rate	Amount	
Connolly, Nicholas	2.00	175.00	350.00	
CADD TECHNICIAN I				
Simmons, Skyler	1.00	90.00	90.00	
Totals	3.00		440.00	
Total Labor				440.00
		Total this Phase		\$440.00
		Total this Invoice		\$7,692.17

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

093695. 7295.70

MB 2017-81

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

LR

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: 2018-235

File ID: 2018-235

Type: Regular Agenda Item

Status: Tabled

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 02/12/2018

Brief Title: Authorize Mayor to execute Task Order No. 5 with Shows, Dearman & Waits, Inc. for a Sanitary Sewer Study.

Final Action:

Minute Book Number: MB2018-40-41

Title:

Authorize Mayor to execute Task Order No. 5 with Shows, Dearman and Waits, Inc. to provide professional services for a Comprehensive Sanitary Sewer Study for data collection, inspection, and evaluation of the City's wastewater system.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-8

Sponsors:

Enactment Date:

Attachments: SDW Agreement-Task Order #5

Enactment Number:

Contact:

Meeting Date: 02/20/2018

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	02/20/2018	Table				Pass
Action Text: A MOTION was made by Council Member Delgado and seconded by Council Vice President Dryden to TABLE to Authorize Mayor to execute Task Order No. 5 with Shows, Dearman and Waits, Inc. to provide professional services for a Comprehensive Sanitary Sewer Study for data collection, inspection, and evaluation of the City's wastewater system.							
Mayor Barker asked the Council to Table the item so that the Administration can consider ways to handle a portion of this work in-house.							
Following discussion, the Motion to Table 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 2018-235

Title

Authorize Mayor to execute Task Order No. 5 with Shows, Dearman and Waits, Inc. to provide professional services for a Comprehensive Sanitary Sewer Study for data collection, inspection, and evaluation of the City's wastewater system.

Summary

Authorize Mayor to execute Task Order No. 5 with Shows, Dearman and Waits, Inc. to provide professional services for a Comprehensive Sanitary Sewer Study for data collection, inspection, and evaluation of the City's wastewater system.



Engineering Progress

February 9, 2018

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403-1898

Attn: Honorable Toby Barker

RE: Comprehensive Sanitary Sewer Study
Task Order #5
City of Hattiesburg, MS

Dear Mayor Barker,

Shows, Dearman and Waits, Inc. (Engineer) is pleased to provide professional services to assist the City of Hattiesburg (City) in accordance with the contract dated October 8, 2013. In support of the City's effort to reduce sanitary sewer overflows, regain system capacity, and allow for asset management of the sewer collection infrastructure the ENGINEER shall continue data collection, inspection and evaluation of the City's wastewater system in a manner consistent with previous work.

Professional services requested by the City and included in this Task Order #5 are composed of items of work as listed on Attachment "A". The study area in Task Order #5 shall be defined based on the processed flow data information, environmental factors, SSOs, and other influential factors which would adjust work area as determined by the City. At this time, the City desires to complete the inspection of the previously defined priority area established by the City.

Due to the complexity and varying level of investigation necessary to properly assess the sanitary sewer collection system, there are no estimated quantities included in the scope of work. The pay items which will be utilized where required to properly evaluate the system, as determined by the City, are identified in the aforementioned Attachment "A".

Compensation for work performed will be on a unit price basis per Attachment "A" with a not to exceed fee of \$1,000,000.00. This task order will cover all professional services described and performed for twelve (12) months from March 6, 2018, or per a mutually agreed upon extension by both parties.

Please indicate acceptance of Task Order #5 by execution and return to our office. Thank you for the opportunity to provide these services to the City of Hattiesburg.

Sincerely,

John T. Weeks, P.E.
Vice-President

/aa

Enclosure

ACCEPTED:

Mayor Toby Barker

Date

CITY OF HATTIESBURG
PROJECT NO. 11202 - SEWER SYSTEM EVALUATION SURVEY (SSES)
TASK ORDER #5
Contract Term - 12 Months - Start Date 3/6/18

Item No.	Service Description	Unit	Unit Price
SECTION 1000 MOBILIZATION DEMOBILIZATION			
1000.01	Temporary Flow Monitoring - Turn-Key Study w/Report - 60 Day Study	Each	\$ 7,500.00
SECTION 2000 FLOW MONITORING SERVICES			
2000.01	Temporary Flow Monitoring - Turn-Key Study w/Report - 60 Day Study	Each	\$ 5,225.00
2000.02	Temporary Flow Monitoring - 30 Day Extension	Each	\$ 2,310.00
2000.03	Temporary Rain Guage - Turn-Key Study w/Report - Based on 60 Day Study	Each	\$ 1,650.00
2000.04	Temporary Rain Guage - 30 Day Extension	Each	\$ 660.00
2000.05	Pump Station Evaluation - Monitoring & Pump Conformations	Each	\$ 1,650.00
2000.06	Long-Term Flow Monitor Installation	Each	\$ 2,750.00
2000.07	Long-Term Flow Monitor Maintenance, Calibration & Reporting - Per Mo.	Each	\$ 1,265.00
2000.08	Long-Term Rain Guage Installation	Each	\$ 1,045.00
2000.09	Long-Term Rain Guage Maintenance, Calibration & Reporting - Per Mo.	Each	\$ 330.00
2000.10	Night Flow Isolation	Each	\$ 357.50
SECTION 3000 SMOKE TESTING			
3000.01	Smoke Testing (Including Data Management)	Linear Foot	\$ 0.50
SECTION 4000 MANHOLE SERVICES			
4000.01	3D MH Condition Assessment w/Internal Images and GPS Data Collection	Each	\$ 104.50
4000.02	Structural Manhole Condition Assessment w/Internal Images	Each	\$ 88.00
4000.03	Removal of Stabilized Debris	Each	\$ 220.00
4000.04	Manhole Inspection Data Management	Each	\$ 4.40
SECTION 5000 SANITARY SEWER LINE CLEANING			
5000.01	Standard Cleaning 6" Sanitary Sewer	Linear Foot	\$ 1.50
5000.02	Standard Cleaning 8" Sanitary Sewer	Linear Foot	\$ 1.60
5000.03	Standard Cleaning 10" Sanitary Sewer	Linear Foot	\$ 1.82

5000.04	Standard Cleaning 12" Sanitary Sewer	Linear Foot	\$ 2.20
5000.05	Standard Cleaning 15" Sanitary Sewer	Linear Foot	\$ 3.30
5000.06	Standard Cleaning 18" Sanitary Sewer	Linear Foot	\$ 6.60
5000.07	Standard Cleaning 21" Sanitary Sewer	Linear Foot	\$ 7.70
5000.08	Standard Cleaning 24" Sanitary Sewer	Linear Foot	\$ 8.80
5000.09	Standard Cleaning 27" Sanitary Sewer	Linear Foot	\$ 9.90
5000.10	Standard Cleaning 30" Sanitary Sewer	Linear Foot	\$ 13.20
5000.11	Standard Cleaning 36" Sanitary Sewer	Linear Foot	\$ 16.50
5000.12	Protruding Tap Cutting	Each	\$ 220.00
SECTION 6000 ROOT/GREASE CUTTING			
6000.01	Root/Grease Cutting in 6" - 12" Sanitary Sewer	Linear Foot	\$ 1.32
6000.02	Root/Grease Cutting in 15" - 21" Sanitary Sewer	Linear Foot	\$ 2.20
6000.03	Root/Grease Cutting in 24" - 36" Sanitary Sewer	Linear Foot	\$ 3.85
SECTION 7000 CLOSED CIRCUIT TELEVISION INSPECTION			
7000.01	CCTV Inspection <21" Sewer Pipe	Linear Foot	\$ 1.38
7000.02	CCTV Inspection 21" - 36" Sewer Pipe	Linear Foot	\$ 2.20
7000.03	CCTV Inspection of Service Laterals w/GPS Data Collection	Linear Foot	\$ 247.50
7000.04	Additional Set Up	Each	\$ 220.00
7000.05	CCTV Inspection Data Management	Linear Foot	\$ 0.17
SECTION 8000 SPECIALTY INSPECTION			
8000.01	Sonar/CCTV Inspection of 18" - 36" Sewer Line	Linear Foot	\$ 5.50
SECTION 9000 BYPASS PUMPING			
9000.01	Setup of 3"-4" Bypass Pump	Each	\$ 770.00
9000.02	Setup of 6" Bypass Pump	Each	\$ 1,650.00
9000.03	Setup of 8" Bypass Pump	Each	\$ 2,200.00
9000.04	Operation of 3"-4" Baypass Pump	Hour	\$ 44.00
9000.05	Operation of 6" Bypass Pump	Hour	\$ 71.50
9000.06	Operation of 8" Bypass Pump	Hour	\$ 99.00
SECTION 10000 MISCELLANEOUS FIELD SERVICES			
10000.01	Traffic Flagman	Hour	\$ 49.50

10000.02	Cleaning Wet Wells	Hour	\$	467.50
10000.03	Dye Testing	Each	\$	440.00
10000.04	Combination Cleaning Truck w/Operator & Helper <10,000 LF (Min 8 Hrs)	Hour	\$	302.50
10000.05	CCTV Inspection Unit w/Operator & Helper <10,000 LF (Min 8 Hrs)	Hour	\$	192.50
10000.06	Rehabilitation Recommendations	Linear Foot	\$	0.30
SECTION 11000 CHEMICAL ROOT TREATMENT				
11000.01	Chemical Root Treatment 6" - 8" Sanitary Sewer	Linear Foot	\$	1.75
11000.02	Chemical Root Treatment 10" Sanitary Sewer	Linear Foot	\$	1.94
11000.03	Chemical Root Treatment 12" Sanitary Sewer	Linear Foot	\$	2.11
11000.04	Chemical Root Treatment 15" Sanitary Sewer	Linear Foot	\$	3.00
SECTION 12000 ACOUSTIC PIPE INSPECTION				
12000.01	Acoustic Pipe Inspection of Sanitary Sewer	Linear Foot	\$	0.30
SECTION 13000 ELECTROSCAN				
13000.01	Electroscan of Sanitary Sewer	Linear Foot	\$	4.40



City of Hattiesburg, MS

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

Master

File Number: 2018-238

File ID: 2018-238

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 02/12/2018

Brief Title: Authorize Mayor to execute engineering agreement with Shows, Dearman & Waits, Inc. for the Martin Luther King Improvements project.

Final Action: 02/20/2018

Minute Book Number: MB2018-41

Title:

Authorize Mayor to execute (in duplicate) Agreement with Shows, Dearman & Waits, Inc. for engineering services related to the Martin Luther King Improvements project.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-9

Sponsors:

Enactment Date:

Attachments: SDW Agreement 2-12-18, executed SDW Agreement 2-12-18

Enactment Number:

Contact:

Meeting Date: 02/20/2018

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	02/20/2018	Authorize				Pass
Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member Brown to Authorize Mayor to execute (in duplicate) Agreement with Shows, Dearman & Waits, Inc. for engineering services related to the Martin Luther King Improvements project.							
There being no discussion, the Motion received the affirmative vote of the Council as follows:							
Yeas: 5 - George, Delgado, Carroll, Dryden and Brown							
Nays: 0							
Yea: 5 Council Member George Council Member Delgado Council President Carroll Council Vice President Dryden Council Member Brown							

Text of Legislative File 2018-238

Title

Authorize Mayor to execute (in duplicate) Agreement with Shows, Dearman & Waits, Inc. for engineering services related to the Martin Luther King Improvements project.

Summary

Authorize Mayor to execute (in duplicate) Agreement with Shows, Dearman & Waits, Inc. for engineering services related to the Martin Luther King Improvements project.

Budget Information

072201.7230.42



Engineering Progress

February 12, 2018

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403-1898

RE: STP-8761-00(002)LPA 106505-701000
Martin Luther King Improvements

Attn: Mr. Lamar Rutland, P.E.

Lamar,

Attached please find two (2) originals of the Owner-Engineer agreements for the above referenced project. SDW proposes to sub-consult with Neel-Schaffer for the environmental assessment (EA).

Per the contract, SDW will develop plans and specifications in accordance with the MDOT LPA manual as required to fund the project through the Hattiesburg-Petal-Forrest-Lamar Metropolitan Planning Organization.

Should you have any questions or comments, please do not hesitate to call.

Sincerely,

A handwritten signature in blue ink, appearing to read 'John T. Weeks'.

John T. Weeks, P.E.
Project Engineer

/aa
Enclosure

This document has important legal consequences; consultation with an attorney is encouraged with respect to its use or modification. This document should be adapted to the particular circumstances of the contemplated Project and the controlling Laws and Regulations.

AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES

Prepared by



Issued and Published Jointly by



This Agreement has been prepared for use with EJCDC® C-700, Standard General Conditions of the Construction Contract, 2013 Edition. Their provisions are interrelated, and a change in one may necessitate a change in the other. For guidance on the completion and use of this Agreement, see EJCDC® E-001, Commentary on the EJCDC Engineering Services Agreements, 2013 Edition.

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**AGREEMENT
BETWEEN OWNER AND ENGINEER
FOR PROFESSIONAL SERVICES**

THIS IS AN AGREEMENT effective as of February 20, 2018 ("Effective Date") between
City of Hattiesburg ("Owner") and
Shows, Dearman and Waits, Inc. ("Engineer").

Owner's Project, of which Engineer's services under this Agreement are a part, is generally identified as follows:
Develop plans and specifications in accordance with the MDOT LPA manual for STP-8761-00(002)
LPA106505/701000, widening and new construction of Martin Luther King Boulevard between Tuscan Avenue and
William Carey Boulevard.

("Project").

Other terms used in this Agreement are defined in Article 7.

Engineer's services under this Agreement are generally identified as follows: In accordance with the MDOT LPA
manual, current edition, and as outlines in Exhibit A.

Owner and Engineer further agree as follows:

ARTICLE 1 – SERVICES OF ENGINEER

1.01 Scope

- A. Engineer shall provide, or cause to be provided, the services set forth herein and in Exhibit A.

ARTICLE 2 – OWNER'S RESPONSIBILITIES

2.01 General

- A. Owner shall have the responsibilities set forth herein and in Exhibit B.
- B. Owner shall pay Engineer as set forth in Article 4 and Exhibit C.
- C. Owner shall be responsible for all requirements and instructions that it furnishes to Engineer pursuant to this Agreement, and for the accuracy and completeness of all programs, reports, data, and other information furnished by Owner to Engineer pursuant to this Agreement. Engineer may use and rely upon such requirements, programs, instructions, reports, data, and information in performing or furnishing services under this Agreement, subject to any express limitations or reservations applicable to the furnished items.
- D. Owner shall give prompt written notice to Engineer whenever Owner observes or otherwise becomes aware of:

1. any development that affects the scope or time of performance of Engineer's services;
2. the presence at the Site of any Constituent of Concern; or
3. any relevant, material defect or nonconformance in: (a) Engineer's services, (b) the Work, (c) the performance of any Constructor, or (d) Owner's performance of its responsibilities under this Agreement.

ARTICLE 3 – SCHEDULE FOR RENDERING SERVICES

3.01 Commencement

- A. Engineer is authorized to begin rendering services as of the Effective Date.

3.02 Time for Completion

- A. Engineer shall complete its obligations within a reasonable time. Specific periods of time for rendering services, or specific dates by which services are to be completed, are provided in Exhibit A, and are hereby agreed to be reasonable.
- B. If, through no fault of Engineer, such periods of time or dates are changed, or the orderly and continuous progress of Engineer's services is impaired, or Engineer's services are delayed or suspended, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation, shall be adjusted equitably.
- C. If Owner authorizes changes in the scope, extent, or character of the Project or Engineer's services, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation, shall be adjusted equitably.
- D. Owner shall make decisions and carry out its other responsibilities in a timely manner so as not to delay the Engineer's performance of its services.
- E. If Engineer fails, through its own fault, to complete the performance required in this Agreement within the time set forth, as duly adjusted, then Owner shall be entitled, as its sole remedy, to the recovery of direct damages, if any, resulting from such failure.

ARTICLE 4 – INVOICES AND PAYMENTS

4.01 Invoices

- A. *Preparation and Submittal of Invoices:* Engineer shall prepare invoices in accordance with its standard invoicing practices and the terms of Exhibit C. Engineer shall submit its invoices to Owner on a monthly basis. Invoices are due and payable within 45 days of receipt.

4.02 Payments

- A. *Application to Interest and Principal:* Payment will be credited first to any interest owed to Engineer and then to principal.

- B. *Failure to Pay:* If Owner fails to make any payment due Engineer for services and expenses within 45 days after receipt of Engineer's invoice, then:
1. amounts due Engineer will be increased at the rate of 1.5% per month (or the maximum rate of interest permitted by law, if less) from said forty-fifth day; and
 2. Engineer may, after giving seven days written notice to Owner, suspend services under this Agreement until Owner has paid in full all amounts due for services, expenses, and other related charges. Owner waives any and all claims against Engineer for any such suspension.
- C. *Disputed Invoices:* If Owner disputes an invoice, either as to amount or entitlement, then Owner shall promptly advise Engineer in writing of the specific basis for doing so, and the dispute dealt with as set out in Mississippi Code Ann. Section 31-7-305.
- D. *Sales or Use Taxes:* If after the Effective Date any governmental entity takes a legislative action that imposes additional sales or use taxes on Engineer's services or compensation under this Agreement, then Engineer may invoice such additional sales or use taxes for reimbursement by Owner. Owner shall reimburse Engineer for the cost of such invoiced additional sales or use taxes; such reimbursement shall be in addition to the compensation to which Engineer is entitled under the terms of Exhibit C.

ARTICLE 5 – OPINIONS OF COST

5.01 *Opinions of Probable Construction Cost*

- A. Engineer's opinions (if any) of probable Construction Cost are to be made on the basis of Engineer's experience, qualifications, and general familiarity with the construction industry. However, because Engineer has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, Engineer cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by Engineer. If Owner requires greater assurance as to probable Construction Cost, then Owner agrees to obtain an independent cost estimate.

5.02 *Designing to Construction Cost Limit*

- A. If a Construction Cost limit is established between Owner and Engineer, such Construction Cost limit and a statement of Engineer's rights and responsibilities with respect thereto will be specifically set forth in Exhibit F to this Agreement.

5.03 *Opinions of Total Project Costs*

- A. The services, if any, of Engineer with respect to Total Project Costs shall be limited to assisting the Owner in tabulating the various categories that comprise Total Project Costs. Engineer assumes no responsibility for the accuracy of any opinions of Total Project Costs.

ARTICLE 6 – GENERAL CONSIDERATIONS

6.01 *Standards of Performance*

- A. *Standard of Care:* The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality.
- B. *Technical Accuracy:* Owner shall not be responsible for discovering deficiencies in the technical accuracy of Engineer's services. Engineer shall correct deficiencies in technical accuracy without additional compensation, unless such corrective action is directly attributable to deficiencies in Owner-furnished information.
- C. *Consultants:* Engineer may retain such Consultants as Engineer deems necessary to assist in the performance or furnishing of the services, subject to reasonable, timely, and substantive objections by Owner.
- D. *Reliance on Others:* Subject to the standard of care set forth in Paragraph 6.01.A, Engineer and its Consultants may use or rely upon design elements and information ordinarily or customarily furnished by others, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards.
- E. *Compliance with Laws and Regulations, and Policies and Procedures:*
 - 1. Engineer and Owner shall comply with applicable Laws and Regulations.
 - 2. Engineer shall comply with any and all policies, procedures, and instructions of Owner that are applicable to Engineer's performance of services under this Agreement and that Owner provides to Engineer in writing, subject to the standard of care set forth in Paragraph 6.01.A, and to the extent compliance is not inconsistent with professional practice requirements.
 - 3. This Agreement is based on Laws and Regulations and Owner-provided written policies and procedures as of the Effective Date. The following may be the basis for modifications to Owner's responsibilities or to Engineer's scope of services, times of performance, or compensation:
 - a. changes after the Effective Date to Laws and Regulations;
 - b. the receipt by Engineer after the Effective Date of Owner-provided written policies and procedures;
 - c. changes after the Effective Date to Owner-provided written policies or procedures.
- F. Engineer shall not be required to sign any document, no matter by whom requested, that would result in the Engineer having to certify, guarantee, or warrant the existence of conditions whose existence the Engineer cannot ascertain. Owner agrees not to make resolution of any dispute with the Engineer or payment of any amount due to the Engineer in any way contingent upon the Engineer signing any such document.

- G. The general conditions for any construction contract documents prepared hereunder are to be in accordance with local, state and federal law.
- H. Engineer shall not at any time supervise, direct, control, or have authority over any Constructor's work, nor shall Engineer have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, or the safety precautions and programs incident thereto, for security or safety at the Site, nor for any failure of a Constructor to comply with Laws and Regulations applicable to that Constructor's furnishing and performing of its work. Engineer shall not be responsible for the acts or omissions of any Constructor.
- I. Engineer neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish and perform the Work in accordance with the Construction Contract Documents.
- J. Engineer shall not be responsible for any decision made regarding the Construction Contract Documents, or any application, interpretation, clarification, or modification of the Construction Contract Documents, other than those made by Engineer or its Consultants.
- K. Engineer is not required to provide and does not have any responsibility for surety bonding or insurance-related advice, recommendations, counseling, or research, or enforcement of construction insurance or surety bonding requirements.
- L. Engineer's services do not include providing legal advice or representation.
- M. Engineer's services do not include (1) serving as a "municipal advisor" for purposes of the registration requirements of Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) or the municipal advisor registration rules issued by the Securities and Exchange Commission, or (2) advising Owner, or any municipal entity or other person or entity, regarding municipal financial products or the issuance of municipal securities, including advice with respect to the structure, timing, terms, or other similar matters concerning such products or issuances.
- N. While at the Site, Engineer, its Consultants, and their employees and representatives shall comply with the applicable requirements of Contractor's and Owner's safety programs of which Engineer has been informed in writing.

6.02 *Design Without Construction Phase Services*

- A. Engineer shall be responsible only for those Construction Phase services expressly required of Engineer in Exhibit A, Paragraph A1.05. With the exception of such expressly required services, Engineer shall have no design, Shop Drawing review, or other obligations during construction, and Owner assumes all responsibility for the application and interpretation of the Construction Contract Documents, review and response to Contractor claims, Construction Contract administration, processing of Change Orders and submittals, revisions to the Construction Contract Documents during construction, construction observation and review, review of Contractor's payment applications, and all other necessary Construction Phase administrative, engineering, and professional services. Owner waives all claims against the Engineer that may be connected in any way to

Construction Phase administrative, engineering, or professional services except for those services that are expressly required of Engineer in Exhibit A.

6.03 *Use of Documents*

- A. All Documents are instruments of service, and Engineer shall retain an ownership and property interest therein (including the copyright and the right of reuse at the discretion of the Engineer) whether or not the Project is completed.
- B. If Engineer is required to prepare or furnish Drawings or Specifications under this Agreement, Engineer shall deliver to Owner at least one original printed record version of such Drawings and Specifications, signed and sealed according to applicable Laws and Regulations.
- C. Owner may make and retain copies of Documents for information and reference in connection with the use of the Documents on the Project. Engineer grants Owner a limited license to use the Documents on the Project, extensions of the Project, and for related uses of the Owner, subject to receipt by Engineer of full payment due and owing for all services relating to preparation of the Documents, and subject to the following limitations: (1) Owner acknowledges that such Documents are not intended or represented to be suitable for use on the Project unless completed by Engineer, or for use or reuse by Owner or others on extensions of the Project, on any other project, or for any other use or purpose, without written verification or adaptation by Engineer; (2) any such use or reuse, or any modification of the Documents, without written verification, completion, or adaptation by Engineer, as appropriate for the specific purpose intended, will be at Owner's sole risk and without liability or legal exposure to Engineer or to its officers, directors, members, partners, agents, employees, and Consultants; (3) such limited license to Owner shall not create any rights in third parties.
- D. If Engineer at Owner's request verifies the suitability of the Documents, completes them, or adapts them for extensions of the Project or for any other purpose, then Owner shall compensate Engineer at rates or in an amount to be agreed upon by Owner and Engineer.

6.04 *Electronic Transmittals*

- A. Owner and Engineer may transmit, and shall accept, Project-related correspondence, Documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website, in accordance with a mutually agreeable protocol.
- B. If this Agreement does not establish protocols for electronic or digital transmittals, then Owner and Engineer shall jointly develop such protocols.
- C. When transmitting items in electronic media or digital format, the transmitting party makes no representations as to long term compatibility, usability, or readability of the items resulting from the recipient's use of software application packages, operating systems, or computer hardware differing from those used in the drafting or transmittal of the items, or from those established in applicable transmittal protocols.

6.05 Insurance

- A. Engineer shall procure and maintain insurance as set forth in Exhibit G. Engineer shall cause Owner to be listed as an additional insured on any applicable general liability insurance policy carried by Engineer.
- B. Section Deleted
- C. Owner shall require Contractor to purchase and maintain policies of insurance covering workers' compensation, general liability, motor vehicle damage and injuries, and other insurance necessary to protect Owner's and Engineer's interests in the Project. Owner shall require Contractor to cause Engineer and its Consultants to be listed as additional insureds with respect to such liability insurance purchased and maintained by Contractor for the Project.
- D. Upon written request the Engineer shall deliver to the Owner certificates of insurance evidencing the coverages indicated in Exhibit G. Such certificates shall be furnished prior to commencement of Engineer's services and at renewals thereafter during the life of the Agreement.
- E. All policies of property insurance relating to the Project, including but not limited to any builder's risk policy, shall allow for waiver of subrogation rights and 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 insured thereunder or against Engineer or its Consultants. Owner and Engineer shall take appropriate measures in other Project-related contracts to secure waivers of rights consistent with those set forth in this paragraph.
- F. All policies of insurance shall contain a provision or endorsement that the coverage afforded will not be canceled or reduced in limits by endorsement, and that renewal will not be refused, until at least 10 days prior written notice has been given to the primary insured. Upon receipt of such notice, the receiving party shall promptly forward a copy of the notice to the other party to this Agreement.
- G. At any time, Owner may request that Engineer or its Consultants, at Owner's sole expense, provide additional insurance coverage, increased limits, or revised deductibles that are more protective than those specified in Exhibit G. If so requested by Owner, and if commercially available, Engineer shall obtain and shall require its Consultants to obtain such additional insurance coverage, different limits, or revised deductibles for such periods of time as requested by Owner, and Exhibit G will be supplemented to incorporate these requirements.

6.06 Suspension and Termination

- A. *Suspension:*
 - 1. *By Owner:* Owner may suspend the Project for up to 90 days upon seven days written notice to Engineer.
 - 2. *By Engineer:* Engineer may, after giving seven days written notice to Owner, suspend services under this Agreement if Owner has failed to pay Engineer for invoiced services

and expenses, as set forth in Paragraph 4.02.B, or in response to the presence of Constituents of Concern at the Site, as set forth in Paragraph 6.10.D.

B. *Termination:* The obligation to provide further services under this Agreement may be terminated:

1. For cause,

a. by either party upon 30 days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.

b. by Engineer:

1) upon seven days written notice if Owner demands that Engineer furnish or perform services contrary to Engineer's responsibilities as a licensed professional; or

2) upon seven days written notice if the Engineer's services for the Project are delayed or suspended for more than 90 days for reasons beyond Engineer's control, or as the result of the presence at the Site of undisclosed Constituents of Concern, as set forth in Paragraph 6.10.D.

3) Engineer shall have no liability to Owner on account of such termination.

c. Notwithstanding the foregoing, this Agreement will not terminate under Paragraph 6.06.B.1.a if the party receiving such notice begins, within seven days of receipt of such notice, to correct its substantial failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt thereof; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, 60 days after the date of receipt of the notice.

2. For convenience, by Owner effective upon Engineer's receipt of notice from Owner.

C. *Effective Date of Termination:* The terminating party under Paragraph 6.06.B may set the effective date of termination at a time up to 30 days later than otherwise provided to allow Engineer to demobilize personnel and equipment from the Site, to complete tasks whose value would otherwise be lost, to prepare notes as to the status of completed and uncompleted tasks, and to assemble Project materials in orderly files.

D. *Payments Upon Termination:*

1. In the event of any termination under Paragraph 6.06, Engineer will be entitled to invoice Owner and to receive full payment for all services performed or furnished in accordance with this Agreement and all Reimbursable Expenses incurred through the effective date of termination. Upon making such payment, Owner shall have the limited

right to the use of Documents, at Owner's sole risk, subject to the provisions of Paragraph 6.03.

2. In the event of termination by Owner for convenience or by Engineer for cause, Engineer shall be entitled, in addition to invoicing for those items identified in Paragraph 6.06.D.1, to invoice Owner and receive payment of a reasonable amount for services and expenses directly attributable to termination, both before and after the effective date of termination, such as reassignment of personnel, costs of terminating contracts with Engineer's Consultants, and other related close-out costs, using methods and rates for Additional Services as set forth in Exhibit C.

6.07 *Controlling Law*

- A. This Agreement is to be governed by the Laws and Regulations of the state in which the Project is located.

6.08 *Successors, Assigns, and Beneficiaries*

- A. Engineer is hereby bound and the successors, executors, administrators, and legal representatives of Engineer (and to the extent permitted by Paragraph 6.08.B the assigns of Engineer) are hereby bound to the Owner to this Agreement and to the successors, executors, administrators and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements, and obligations of this Agreement.
- B. Neither Owner nor Engineer may assign, sublet, or transfer any rights under or interest (including, but without limitation, money that is due or may become due) in this Agreement without the written consent of the other party, except to the extent that any assignment, subletting, or transfer is mandated by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.
- C. Unless expressly provided otherwise in this Agreement:
 1. Nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by Owner or Engineer to any Constructor, other third-party individual or entity, or to any surety for or employee of any of them.
 2. All duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of Owner and Engineer and not for the benefit of any other party.
 3. Owner agrees that the substance of the provisions of this Paragraph 6.08.C shall appear in the Construction Contract Documents.

6.09 *Dispute Resolution*

- A. Owner and Engineer agree to negotiate all disputes between them in good faith for a period of 30 days from the date of notice prior to invoking other provisions of this Agreement, or exercising their rights at law.

6.10 *Environmental Condition of Site*

- A. Owner represents to Engineer that as of the Effective Date to the best of Owner's knowledge no Constituents of Concern, other than those disclosed in writing to Engineer, exist at or adjacent to the Site.
- B. If Engineer encounters or learns of an undisclosed Constituent of Concern at the Site, then Engineer shall notify (1) Owner and (2) appropriate governmental officials if Engineer reasonably concludes that doing so is required by applicable Laws or Regulations.
- C. It is acknowledged by both parties that Engineer's scope of services does not include any services related to unknown or undisclosed Constituents of Concern. If Engineer or any other party encounters, uncovers, or reveals an undisclosed Constituent of Concern, then Owner shall promptly determine whether to retain a qualified expert to evaluate such condition or take any necessary corrective action.
- D. If investigative or remedial action, or other professional services, are necessary with respect to undisclosed Constituents of Concern, or if investigative or remedial action beyond that reasonably contemplated is needed to address a disclosed or known Constituent of Concern, then Engineer may, at its option and without liability for consequential or any other damages, suspend performance of services on the portion of the Project affected thereby until such portion of the Project is no longer affected.
- E. If the presence at the Site of undisclosed Constituents of Concern adversely affects the performance of Engineer's services under this Agreement, then the Engineer shall have the option of (1) accepting an equitable adjustment in its compensation or in the time of completion, or both; or (2) terminating this Agreement for cause on seven days notice.
- F. Owner acknowledges that Engineer is performing professional services for Owner and that Engineer is not and shall not be required to become an "owner," "arranger," "operator," "generator," or "transporter" of hazardous substances, as defined in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, which are or may be encountered at or near the Site in connection with Engineer's activities under this Agreement.

6.11 *Shared Negligence*

- A. *Percentage Share of Negligence:* To the fullest extent permitted by Laws and Regulations, a party's total liability to the other party and anyone claiming by, through, or under the other party for any cost, loss, or damages caused in part by the negligence of the party and in part by the negligence of the other party or any other negligent entity or individual, shall not exceed the percentage share that the party's negligence bears to the total negligence of Owner, Engineer, and all other negligent entities and individuals.

6.12 *Records Retention*

- A. Engineer shall maintain on file in legible form, for a period of five years following completion or termination of its services, all Documents, records (including cost records), and design calculations related to Engineer's services or pertinent to Engineer's

performance under this Agreement. Upon Owner's request, Engineer shall provide a copy of any such item to Owner at cost.

6.13 *Miscellaneous Provisions*

- A. *Notices:* Any notice required under this Agreement will be in writing, addressed to the appropriate party at its address on the signature page and given personally, by registered or certified mail postage prepaid, or by a commercial courier service. All notices shall be effective upon the date of receipt.
- B. *Survival:* All express representations, waivers, indemnifications, and limitations of liability included in this Agreement will survive its completion or termination for any reason.
- C. *Severability:* Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Engineer, which agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.
- D. *Waiver:* A party's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.
- E. *Accrual of Claims:* To the fullest extent permitted by Laws and Regulations, all causes of action arising under this Agreement shall be deemed to have accrued, and all statutory periods of limitation shall commence, no later than the date of Substantial Completion.

ARTICLE 7 – DEFINITIONS

7.01 *Defined Terms*

- A. Wherever used in this Agreement (including the Exhibits hereto) terms (including the singular and plural forms) printed with initial capital letters have the meanings indicated in the text above, in the exhibits, or in the following definitions:
 - 1. *Addenda*—Written or graphic instruments issued prior to the opening of bids which clarify, correct, or change the bidding requirements or the proposed Construction Contract Documents.
 - 2. *Additional Services*—The services to be performed for or furnished to Owner by Engineer in accordance with Part 2 of Exhibit A of this Agreement.
 - 3. *Agreement*—This written contract for professional services between Owner and Engineer, including all exhibits identified in Paragraph 8.01 and any duly executed amendments.
 - 4. *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 Construction Contract.

5. *Basic Services*—The services to be performed for or furnished to Owner by Engineer in accordance with Part 1 of Exhibit A of this Agreement.
6. *Change Order*—A document which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Construction Contract Price or the Construction Contract Times, or other revision to the Construction Contract, issued on or after the effective date of the Construction Contract.
7. *Change Proposal*—A written request by Contractor, duly submitted in compliance with the procedural requirements set forth in the Construction Contract, seeking an adjustment in Construction Contract Price or Construction Contract Times, or both; contesting an initial decision by Engineer concerning the requirements of the Construction Contract Documents or the acceptability of Work under the Construction Contract Documents; challenging a set-off against payments due; or seeking other relief with respect to the terms of the Construction Contract.
8. *Constituent of Concern*—Asbestos, petroleum, radioactive material, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to (a) the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. §§9601 et seq. ("CERCLA"); (b) the Hazardous Materials Transportation Act, 49 U.S.C. §§5501 et seq.; (c) the Resource Conservation and Recovery Act, 42 U.S.C. §§6901 et seq. ("RCRA"); (d) the Toxic Substances Control Act, 15 U.S.C. §§2601 et seq.; (e) the Clean Water Act, 33 U.S.C. §§1251 et seq.; (f) the Clean Air Act, 42 U.S.C. §§7401 et seq.; or (g) any other federal, State, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.
9. *Construction Contract*—The entire and integrated written contract between the Owner and Contractor concerning the Work.
10. *Construction Contract Documents*—Those items designated as "Contract Documents" in the Construction Contract, and which together comprise the Construction Contract.
11. *Construction Contract Price*—The money that Owner has agreed to pay Contractor for completion of the Work in accordance with the Construction Contract Documents.
12. *Construction Contract Times*—The number of days or the dates by which Contractor shall: (a) achieve milestones, if any, in the Construction Contract; (b) achieve Substantial Completion; and (c) complete the Work.
13. *Construction Cost*—The cost to Owner of the construction of those portions of the entire Project designed or specified by or for Engineer under this Agreement, including construction labor, services, materials, equipment, insurance, and bonding costs, and allowances for contingencies. Construction Cost does not include costs of services of Engineer or other design professionals and consultants; cost of land or rights-of-way, or

compensation for damages to property; Owner's costs for legal, accounting, insurance counseling, or auditing services; interest or financing charges incurred in connection with the Project; or the cost of other services to be provided by others to Owner. Construction Cost is one of the items comprising Total Project Costs.

14. *Constructor*—Any person or entity (not including the Engineer, its employees, agents, representatives, and Consultants), performing or supporting construction activities relating to the Project, including but not limited to Contractors, Subcontractors, Suppliers, Owner's work forces, utility companies, other contractors, construction managers, testing firms, shippers, and truckers, and the employees, agents, and representatives of any or all of them.
15. *Consultants*—Individuals or entities having a contract with Engineer to furnish services with respect to this Project as Engineer's independent professional associates and consultants; subcontractors; or vendors.
16. *Contractor*—The entity or individual with which Owner enters into a Construction Contract.
17. *Documents*—Data, reports, Drawings, Specifications, Record Drawings, building information models, civil integrated management models, and other deliverables, whether in printed or electronic format, provided or furnished in appropriate phases by Engineer to Owner pursuant to this Agreement.
18. *Drawings*—That part of the Construction Contract Documents that graphically shows the scope, extent, and character of the Work to be performed by Contractor.
19. *Effective Date*—The date indicated in this Agreement on which it becomes effective, but if no such date is indicated, the date on which this Agreement is signed and delivered by the last of the parties to sign and deliver.
20. *Engineer*—The individual or entity named as such in this Agreement.
21. *Field Order*—A written order issued by Engineer which requires minor changes in the Work but does not change the Construction Contract Price or the Construction Contract Times.
22. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, statutes, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
23. *Owner*—The individual or entity named as such in this Agreement and for which Engineer's services are to be performed. Unless indicated otherwise, this is the same individual or entity that will enter into any Construction Contracts concerning the Project.
24. *Project*—The total undertaking to be accomplished for Owner by engineers, contractors, and others, including planning, study, design, construction, testing, commissioning, and start-up, and of which the services to be performed or furnished by Engineer under this Agreement are a part.

25. *Record Drawings*—Drawings depicting the completed Project, or a specific portion of the completed Project, prepared by Engineer as an Additional Service and based on Contractor's record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, and written interpretations and clarifications, as delivered to Engineer and annotated by Contractor to show changes made during construction.
26. *Reimbursable Expenses*—The expenses incurred directly by Engineer in connection with the performing or furnishing of Basic Services and Additional Services for the Project.
27. *Resident Project Representative*—The authorized representative of Engineer assigned to assist Engineer at the Site during the Construction Phase. As used herein, the term Resident Project Representative or "RPR" includes any assistants or field staff of Resident Project Representative. The duties and responsibilities of the Resident Project Representative, if any, are as set forth in Exhibit D.
28. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and that establish the standards by which such portion of the Work will be judged.
29. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information that are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work. Shop Drawings, whether approved or not, are not Drawings and are not Construction Contract Documents.
30. *Site*—Lands or areas to be indicated in the Construction Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements, and such other lands furnished by Owner which are designated for the use of Contractor.
31. *Specifications*—The part of the Construction Contract Documents that consists of written requirements for materials, equipment, systems, standards, and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable to the Work.
32. *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.
33. *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 Construction 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.
34. *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 a Subcontractor.

35. *Total Project Costs*—The total cost of planning, studying, designing, constructing, testing, commissioning, and start-up of the Project, including Construction Cost and all other Project labor, services, materials, equipment, insurance, and bonding costs, allowances for contingencies, and the total costs of services of Engineer or other design professionals and consultants, together with such other Project-related costs that Owner furnishes for inclusion, including but not limited to cost of land, rights-of-way, compensation for damages to properties, Owner's costs for legal, accounting, insurance counseling, and auditing services, interest and financing charges incurred in connection with the Project, and the cost of other services to be provided by others to Owner.
36. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Construction Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction; furnishing, installing, and incorporating all materials and equipment into such construction; and may include related services such as testing, start-up, and commissioning, all as required by the Construction Contract Documents.
37. *Work Change Directive*—A written directive to Contractor issued on or after the effective date of the Construction Contract, signed by Owner and recommended by Engineer, ordering an addition, deletion, or revision in the Work.

B. *Day*:

1. The word "day" means a calendar day of 24 hours measured from midnight to the next midnight.

ARTICLE 8 – EXHIBITS AND SPECIAL PROVISIONS

8.01 *Exhibits Included*:

- A. Exhibit A, Engineer's Services.
- B. Exhibit B, Owner's Responsibilities.
- C. Exhibit C, Payments to Engineer for Services and Reimbursable Expenses.
- D. Exhibit D, DELETED
- E. Exhibit E, DELETED
- F. Exhibit F, DELETED
- G. Exhibit G, Insurance.
- H. Exhibit H, DELETED
- I. Exhibit I, Limitations of Liability.
- J. Exhibit J, DELETED

K. Exhibit K, DELETED

8.02 *Total Agreement*

- A. This Agreement, (together with the exhibits included above) constitutes the entire agreement between Owner and Engineer and supersedes all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a written instrument duly executed by both parties.

8.03 *Designated Representatives*

- A. With the execution of this Agreement, Engineer and Owner shall designate specific individuals to act as Engineer's and Owner's representatives with respect to the services to be performed or furnished by Engineer and responsibilities of Owner under this Agreement. Such an individual shall have authority to transmit instructions, receive information, and render decisions relative to this Agreement on behalf of the respective party whom the individual represents.

8.04 *Engineer's Certifications*

- A. Engineer certifies that it has not engaged in corrupt, fraudulent, or coercive practices in competing for or in executing the Agreement. For the purposes of this Paragraph 8.04:
1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the selection process or in the Agreement execution;
 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the selection process or the execution of the Agreement to the detriment of Owner, or (b) to deprive Owner of the benefits of free and open competition;
 3. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the selection process or affect the execution of the Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, the Effective Date of which is indicated on page 1.

Owner: City of Hattiesburg

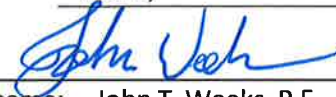
By: _____

Print name: Honorable Toby Barker

Title: Mayor

Date Signed: _____

Engineer: Shows, Dearman and Waits, Inc.

By: 

Print name: John T. Weeks, P.E.

Title: Vice-President

Date Signed: _____

Engineer License or Firm's Certificate No. (if required):

E-4

State of: Mississippi

Address for Owner's receipt of notices:

P.O. Box 1898

Hattiesburg, MS 39403-1898

Designated Representative (Paragraph 8.03.A):

Lamar Rutland, P.E.

Title: Director of Engineering

Phone Number: 601.545.4540

E-Mail Address: lrutland@hattiesburgms.com

Address for Engineer's receipt of notices:

301 Second Avenue

Hattiesburg, MS 39401

Designated Representative (Paragraph 8.03.A):

Nicolas Connolly

Title: Vice-President

Phone Number: 601.544.1821

E-Mail Address: nick@sd-w.com

This is **EXHIBIT A**, consisting of **14** pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated February 20, 2018.

Engineer's Services

Article 1 of the Agreement is supplemented to include the following agreement of the parties.

Engineer shall provide Basic and Additional Services as set forth below.

PART 1 – BASIC SERVICES

A1.01 *Environmental Review and Evaluation Phase*

- A. Preparations of a full LPA Environmental Assessment (EA), including the 8-step Floodplain Process and publication of all required public notices.
- B. A Wetlands delineation and nationwide permitting with the U.S. Army Corps of Engineers (USACE) for proposed fill activities in jurisdictional wetlands in accordance with the 1987 USACE Wetland Delineation Manual.
- C. Coordination with U.S. Fish and Wildlife Services (USFWS) and the Mississippi Department of Wildlife Fisheries and Parks (MDWFP) to update agency review and concurrence with the proposed project design.
- D. Coordination with the Mississippi Department of Archives and History (MDAH) to update agency review and concurrence with the proposed project design.
- E. Conduct community involvement with local area residents for public review and comments.
- F. Final preparation of a EA Finding of No Significant Impact (FONSI) determination prior to construction of the project.

A1.02 *Preliminary Design Phase*

- A. After issuance by Owner of any instructions of for use of Project Strategies, Technologies, and Techniques, or for inclusion of sustainable features in the design; and indication by Owner of any specific modifications or changes in the scope, extent, character, or design requirements of the Project desired by Owner, (1) Engineer and Owner shall discuss and resolve any necessary revisions to Engineer's compensation (through application of the provisions regarding Additional Services, or otherwise), or the time for completion of Engineer's services, resulting from the selected solution, related Project Strategies, Technologies, or Techniques, sustainable design instructions, or specific modifications to the Project, and (2) upon written from Owner, Engineer shall:
 - 1. Prepare Preliminary Design Phase documents consisting of final design criteria, preliminary drawings, outline specifications, and written descriptions of the Project.

2. In preparing the Preliminary Design Phase documents, use any specific applicable Project Strategies, Technologies, and Techniques authorized by Owner and include sustainable features, as appropriate, pursuant to Owner's instructions.
3. Provide necessary field surveys and topographic and utility mapping for Engineer's design purposes. Comply with the scope of work and procedure for the identification and mapping of existing utilities selected and authorized by Owner pursuant to advice from Engineer based on ASCE 38, "Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data," as set forth in Paragraph A1.01.A.12 above. If no such scope of work and procedure for utility mapping has been selected and authorized, then at a minimum the utility mapping will include Engineer contacting utility owners and obtaining available information.
4. Visit the Site as needed to prepare the Preliminary Design Phase documents.
5. Advise Owner if additional reports, data, information, or services of the types described in Exhibit B are necessary and assist Owner in obtaining such reports, data, information, or services.
6. Continue to assist Owner with Project Strategies, Technologies, and Techniques that Owner has chosen to implement.
7. Based on the information contained in the Preliminary Design Phase documents, prepare a revised opinion of probable Construction Cost, and assist Owner in tabulating the various cost categories which comprise Total Project Costs.
8. Obtain and review Owner's instructions regarding Owner's procurement of construction services (including instructions regarding advertisements for bids, instructions to bidders, and requests for proposals, as applicable), Owner's construction contract practices and requirements, insurance and bonding requirements, electronic transmittals during construction, and other information necessary for the finalization of Owner's bidding-related documents (or requests for proposals or other construction procurement documents), and Construction Contract Documents. Also obtain and review copies of Owner's design and construction standards, Owner's standard forms, general conditions (if other than EJCDC® C-700, Standard General Conditions of the Construction Contract, 2013 Edition), supplementary conditions, text, and related documents or content for Engineer to include in the draft bidding-related documents (or requests for proposals or other construction procurement documents), and in the draft Construction Contract Documents, when applicable.
9. Perform or provide the following other Preliminary Design Phase tasks or deliverables:
N/A
10. Furnish 1 review copies of the Preliminary Design Phase documents, opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables to Owner within 180 days of authorization to proceed with this phase, and review them with Owner. Within 15 days of receipt, Owner shall submit to Engineer any comments regarding the furnished items.

Exhibit A – Engineer's Services

EJCDC® E-500, Agreement Between Owner and Engineer for Professional Services.

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11. Revise the Preliminary Design Phase documents, opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables in response to Owner's comments, as appropriate, and furnish to Owner 1 copies of the revised Preliminary Design Phase documents, revised opinion of probable Construction Cost, and any other deliverables within 60 days after receipt of Owner's comments.
- B. Engineer's services under the Preliminary Design Phase will be considered complete on the date when Engineer has delivered to Owner the revised Preliminary Design Phase documents, revised opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables.

A1.03 *Final Design Phase*

- A. After acceptance by Owner of the Preliminary Design Phase documents, revised opinion of probable Construction Cost as determined in the Preliminary Design Phase, and any other Preliminary Design Phase deliverables, subject to any Owner-directed modifications or changes in the scope, extent, character, or design requirements of or for the Project, and upon authorization from Owner, Engineer shall:
 1. Prepare final Drawings and Specifications indicating the scope, extent, and character of the Work to be performed and furnished by Contractor.
 2. Visit the Site as needed to assist in preparing the final Drawings and Specifications.
 3. Provide technical criteria, written descriptions, and design data for Owner's use in filing applications for permits from or approvals of governmental authorities having jurisdiction to review or approve the final design; assist Owner in consultations with such authorities; and revise the Drawings and Specifications in response to directives from such authorities, as appropriate.
 4. Advise Owner of any recommended adjustments to the opinion of probable Construction Cost.
 5. After consultation with Owner, include in the Construction Contract Documents any specific protocols for the transmittal of Project-related correspondence, documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website. Any such protocols shall be applicable to transmittals between and among Owner, Engineer, and Contractor during the Construction Phase and Post-Construction Phase, and unless agreed otherwise shall supersede any conflicting protocols previously established for transmittals between Owner and Engineer.
 6. Assist Owner in assembling known reports and drawings of Site conditions, and in identifying the technical data contained in such reports and drawings upon which bidders or other prospective contractors may rely.
 7. In addition to preparing the final Drawings and Specifications, assemble drafts of other Construction Contract Documents based on specific instructions and contract forms, text, or content received from Owner.

8. Prepare or assemble draft bidding-related documents (or requests for proposals or other construction procurement documents), based on the specific bidding or procurement-related instructions and forms, text, or content received from Owner.
 9. Perform or provide the following other Final Design Phase tasks or deliverables:
N/A
 10. Furnish for review by Owner, its legal counsel, and other advisors, 1 copies of the final Drawings and Specifications, assembled drafts of other Construction Contract Documents, the draft bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables, within 180 days of authorization to proceed with the Final Design Phase, and review them with Owner. Within 15 days of receipt, Owner shall submit to Engineer any comments regarding the furnished items, and any instructions for revisions.
 11. Revise the final Drawings and Specifications, assembled drafts of other Construction Contract Documents, the draft bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables in accordance with comments and instructions from the Owner, as appropriate, and submit 1 final copies of such documents to Owner within 60 days after receipt of Owner's comments and instructions.
- B. Engineer's services under the Final Design Phase will be considered complete on the date when Engineer has delivered to Owner the final Drawings and Specifications, other assembled Construction Contract Documents, bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables.
- C. In the event that the Work designed or specified by Engineer is to be performed or furnished under more than one prime contract, or if Engineer's services are to be separately sequenced with the work of one or more prime Contractors (such as in the case of fast-tracking), Owner and Engineer shall, prior to commencement of the Final Design Phase, develop a schedule for performance of Engineer's services during the Final Design, Bidding or Negotiating, Construction, and Post-Construction Phases in order to sequence and coordinate properly such services as are applicable to the work under such separate prime contracts. This schedule is to be prepared and included in or become an amendment to Exhibit A whether or not the work under such contracts is to proceed concurrently.
- D. The number of prime contracts for Work designed or specified by Engineer upon which the Engineer's compensation has been established under this Agreement is one (1). If more prime contracts are awarded, Engineer shall be entitled to an equitable increase in its compensation under this Agreement.

A1.04 *Bidding or Negotiating Phase*

- A. After acceptance by Owner of the final Drawings and Specifications, other Construction Contract Documents, bidding-related documents (or requests for proposals or other construction procurement documents), and the most recent opinion of probable Construction Cost as determined in the Final Design Phase, and upon written authorization by Owner to proceed, Engineer shall:

Exhibit A – Engineer's Services

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1. Assist Owner in advertising for and obtaining bids or proposals for the Work, assist Owner in issuing assembled design, contract, and bidding-related documents (or requests for proposals or other construction procurement documents) to prospective contractors, and, where applicable, maintain a record of prospective contractors to which documents have been issued, attend pre-bid conferences, if any, and receive and process contractor deposits or charges for the issued documents.
 2. Prepare and issue Addenda as appropriate to clarify, correct, or change the issued documents.
 3. Provide information or assistance needed by Owner in the course of any review of proposals or negotiations with prospective contractors.
 4. Consult with Owner as to the qualifications of prospective contractors.
 5. Consult with Owner as to the qualifications of subcontractors, suppliers, and other individuals and entities proposed by prospective contractors, for those portions of the Work as to which review of qualifications is required by the issued documents.
 6. If the issued documents require, the Engineer shall evaluate and determine the acceptability of "or equals" and substitute materials and equipment proposed by prospective contractors, provided that such proposals are allowed by the bidding-related documents (or requests for proposals or other construction procurement documents) prior to award of contracts for the Work. Services under this paragraph are subject to the provisions of Paragraph A2.02.A.2 of this Exhibit A.
 7. Attend the bid opening, prepare bid tabulation sheets to meet Owner's schedule, and assist Owner in evaluating bids or proposals, assembling final contracts for the Work for execution by Owner and Contractor, and in issuing notices of award of such contracts.
 8. If Owner engages in negotiations with bidders or proposers, assist Owner with respect to technical and engineering issues that arise during the negotiations.
 9. Perform or provide the following other Bidding or Negotiating Phase tasks or deliverables: N/A
- B. The Bidding or Negotiating Phase will be considered complete upon commencement of the Construction Phase or upon cessation of negotiations with prospective contractors (except as may be required if Exhibit F is a part of this Agreement).

A1.05 *Construction Phase – **SECTION DELETED***

PART 2 – ADDITIONAL SERVICES

A2.01 *Additional Services Requiring Owner's Written Authorization*

- A. If authorized in writing by Owner, Engineer shall provide Additional Services of the types listed below. These services are not included as part of Basic Services and will be paid for by Owner as indicated in Exhibit C.

1. Preparation of applications and supporting documents (in addition to those furnished under Basic Services) for private or governmental grants, loans, or advances in connection with the Project; preparation or review of environmental assessments and impact statements; review and evaluation of the effects on the design requirements for the Project of any such statements and documents prepared by others; and assistance in obtaining approvals of authorities having jurisdiction over the anticipated environmental impact of the Project.
2. Services to make measured drawings of existing conditions or facilities, to conduct tests or investigations of existing conditions or facilities, or to verify the accuracy of drawings or other information furnished by Owner or others.
3. Services resulting from significant changes in the scope, extent, or character of the portions of the Project designed or specified by Engineer, or the Project's design requirements, including, but not limited to, changes in size, complexity, Owner's schedule, character of construction, or method of financing; and revising previously accepted studies, reports, Drawings, Specifications, or Construction Contract Documents when such revisions are required by changes in Laws and Regulations enacted subsequent to the Effective Date or are due to any other causes beyond Engineer's control.
4. Services required as a result of Owner's providing incomplete or incorrect Project information to Engineer.
5. Providing renderings or models for Owner's use, including services in support of building information modeling or civil integrated management.
6. Undertaking investigations and studies including, but not limited to:
 - a. detailed consideration of operations, maintenance, and overhead expenses;
 - b. the preparation of feasibility studies (such as those that include projections of output capacity, utility project rates, project market demand, or project revenues) and cash flow analyses, provided that such services are based on the engineering and technical aspects of the Project, and do not include rendering advice regarding municipal financial products or the issuance of municipal securities;
 - c. preparation of appraisals;
 - d. evaluating processes available for licensing, and assisting Owner in obtaining process licensing;
 - e. detailed quantity surveys of materials, equipment, and labor; and
 - f. audits or inventories required in connection with construction performed or furnished by Owner.
7. Furnishing services of Consultants for other than Basic Services.

Exhibit A – Engineer's Services

EJCDC® E-500, Agreement Between Owner and Engineer for Professional Services.

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8. Providing data or services of the types described in Exhibit B, when Owner retains Engineer to provide such data or services instead of Owner furnishing the same.
9. Providing the following services:
 - a. Services attributable to more prime construction contracts than specified in Paragraph A1.03.D.
 - b. Services to arrange for performance of construction services for Owner by contractors other than the principal prime Contractor, and administering Owner's contract for such services.
10. Services during out-of-town travel required of Engineer, other than for visits to the Site or Owner's office as required in Basic Services (Part 1 of Exhibit A).
11. Preparing for, coordinating with, participating in and responding to structured independent review processes, including, but not limited to, construction management, cost estimating, project peer review, value engineering, and constructibility review requested by Owner; and performing or furnishing services required to revise studies, reports, Drawings, Specifications, or other documents as a result of such review processes.
12. Preparing additional bidding-related documents (or requests for proposals or other construction procurement documents) or Construction Contract Documents for alternate bids or cost estimates requested by Owner for the Work or a portion thereof.
13. Assistance in connection with bid protests, rebidding, or renegotiating contracts for construction, materials, equipment, or services, except when such assistance is required to complete services required by Paragraph 5.02.A and Exhibit F.
14. Preparing conformed Construction Contract Documents that incorporate and integrate the content of all Addenda and any amendments negotiated by Owner and Contractor.
15. Providing Construction Phase services beyond the original date for completion and readiness for final payment of Contractor, but only if such services increase the total quantity of services to be performed in the Construction Phase, rather than merely shifting performance of such services to a later date.
16. Preparing Record Drawings, and furnishing such Record Drawings to Owner.
17. Supplementing Record Drawings with information regarding the completed Project, Site, and immediately adjacent areas obtained from field observations, Owner, utility companies, and other reliable sources.
18. Conducting surveys, investigations, and field measurements to verify the accuracy of Record Drawing content obtained from Contractor, Owner, utility companies, and other sources; revise and supplement Record Drawings as needed.
19. Preparation of operation, maintenance, and staffing manuals.

Exhibit A – Engineer's Services

EJCDC® E-500, Agreement Between Owner and Engineer for Professional Services.

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20. Protracted or extensive assistance in refining and adjusting of Project equipment and systems (such as initial startup, testing, and balancing).
21. Assistance to Owner in training Owner's staff to operate and maintain Project equipment and systems.
22. Assistance to Owner in developing systems and procedures for (a) control of the operation and maintenance of Project equipment and systems, and (b) related recordkeeping.
23. Preparing to serve or serving as a consultant or witness for Owner in any litigation, arbitration, lien or bond claim, or other legal or administrative proceeding involving the Project.
24. Overtime work requiring higher than regular rates.
25. Providing construction surveys and staking to enable Contractor to perform its work other than as required under Paragraph A1.05.A.8; any type of property surveys or related engineering services needed for the transfer of interests in real property; and providing other special field surveys.
26. Providing more extensive services required to enable Engineer to issue notices or certifications requested by Owner.
27. Extensive services required during any correction period, or with respect to monitoring Contractor's compliance with warranties and guarantees called for in the Construction Contract (except as agreed to under Basic Services).
28. Other additional services performed or furnished by Engineer not otherwise provided for in this Agreement.

A2.02 Additional Services Not Requiring Owner's Written Authorization

- A. Engineer shall advise Owner that Engineer is commencing to perform or furnish the Additional Services of the types listed below. For such Additional Services, Engineer need not request or obtain specific advance written authorization from Owner. Engineer shall cease performing or furnishing such Additional Services upon receipt of written notice to cease from Owner.
 1. Services in connection with Work Change Directives and Change Orders to reflect changes requested by Owner.
 2. Services in making revisions to Drawings and Specifications occasioned by the acceptance of substitute materials or equipment other than "or equal" items; services after the award of the Construction Contract in evaluating and determining the acceptability of a proposed "or equal" or substitution which is found to be inappropriate for the Project; evaluation and determination of an excessive number of proposed "or equals" or substitutions, whether proposed before or after award of the Construction Contract.

3. Services resulting from significant delays, changes, or price increases occurring as a direct or indirect result of materials, equipment, or energy shortages.
4. Additional or extended services arising from (a) the presence at the Site of any Constituent of Concern or items of historical or cultural significance, (b) emergencies or acts of God endangering the Work, (c) damage to the Work by fire or other causes during construction, (d) a significant amount of defective, neglected, or delayed Work, (e) acceleration of the progress schedule involving services beyond normal working hours, or (f) default by Contractor.
5. Services (other than Basic Services during the Post-Construction Phase) in connection with any partial utilization of the Work by Owner prior to Substantial Completion.
6. Evaluating unreasonable or frivolous requests for interpretation or information (RFIs), Change Proposals, or other demands from Contractor or others in connection with the Work, or an excessive number of RFIs, Change Proposals, or demands.
7. Reviewing a Shop Drawing or other Contractor submittal more than three times, as a result of repeated inadequate submissions by Contractor.
8. While at the Site, compliance by Engineer and its staff with those terms of Owner's or Contractor's safety program provided to Engineer subsequent to the Effective Date that exceed those normally required of engineering personnel by federal, State, or local safety authorities for similar construction sites.

Owner's Responsibilities

Article 2 of the Agreement is supplemented to include the following agreement of the parties.

B2.01 In addition to other responsibilities of Owner as set forth in this Agreement, Owner shall at its expense:

- A. Provide Engineer with all criteria and full information as to Owner's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility, and expandability, and any budgetary limitations.
- B. Give instructions to Engineer regarding Owner's procurement of construction services (including instructions regarding advertisements for bids, instructions to bidders, and requests for proposals, as applicable), Owner's construction contract practices and requirements, insurance and bonding requirements, electronic transmittals during construction, and other information necessary for the finalization of Owner's bidding-related documents (or requests for proposals or other construction procurement documents), and Construction Contract Documents. Furnish copies (or give specific directions requesting Engineer to use copies already in Engineer's possession) of all design and construction standards, Owner's standard forms, general conditions (if other than EJCDC® C-700, Standard General Conditions of the Construction Contract, 2013 Edition), supplementary conditions, text, and related documents and content for Engineer to include in the draft bidding-related documents (or requests for proposals or other construction procurement documents), and draft Construction Contract Documents, when applicable. Owner shall have responsibility for the final content of (1) such bidding-related documents (or requests for proposals or other construction procurement documents), and (2) those portions of any Construction Contract other than the design (as set forth in the Drawings, Specifications, or otherwise), and other engineering or technical matters; and Owner shall seek the advice of Owner's legal counsel, risk managers, and insurance advisors with respect to the drafting and content of such documents.
- C. Furnish to Engineer any other available information pertinent to the Project including reports and data relative to previous designs, construction, or investigation at or adjacent to the Site.
- D. Following Engineer's assessment of initially-available Project information and data and upon Engineer's request, obtain, furnish, or otherwise make available (if necessary through title searches, or retention of specialists or consultants) such additional Project-related information and data as is reasonably required to enable Engineer to complete its Basic and Additional Services. Such additional information or data would generally include the following:
 - 1. Property descriptions.
 - 2. Zoning, deed, and other land use restrictions.

3. Utility and topographic mapping and surveys.
 4. Property, boundary, easement, right-of-way, and other special surveys or data, including establishing relevant reference points.
 5. Explorations and tests of subsurface conditions at or adjacent to the Site; geotechnical reports and investigations; drawings of physical conditions relating to existing surface or subsurface structures at the Site; hydrographic surveys, laboratory tests and inspections of samples, materials, and equipment; with appropriate professional interpretation of such information or data.
 6. Environmental assessments, audits, investigations, and impact statements, and other relevant environmental, historical, or cultural studies relevant to the Project, the Site, and adjacent areas.
 7. Data or consultations as required for the Project but not otherwise identified in this Agreement.
- E. Arrange for safe access to and make all provisions for Engineer to enter upon public and private property as required for Engineer to perform services under the Agreement.
- F. Recognizing and acknowledging that Engineer's services and expertise do not include the following services, provide, as required for the Project:
1. Accounting, bond and financial advisory (including, if applicable, "municipal advisor" services as described in Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) and the municipal advisor registration rules issued by the Securities and Exchange Commission), independent cost estimating, and insurance counseling services.
 2. Legal services with regard to issues pertaining to the Project as Owner requires, Contractor raises, or Engineer reasonably requests.
 3. Such auditing services as Owner requires to ascertain how or for what purpose Contractor has used the money paid.
- G. Provide the services of an independent testing laboratory to perform all inspections, tests, and approvals of samples, materials, and equipment required by the Construction Contract Documents (other than those required to be furnished or arranged by Contractor), or to evaluate the performance of materials, equipment, and facilities of Owner, prior to their incorporation into the Work with appropriate professional interpretation thereof. Provide Engineer with the findings and reports generated by testing laboratories, including findings and reports obtained from or through Contractor.
- H. Provide reviews, approvals, and permits from all governmental authorities having jurisdiction to approve all phases of the Project designed or specified by Engineer and such reviews, approvals, and consents from others as may be necessary for completion of each phase of the Project.

- I. Advise Engineer of the identity and scope of services of any independent consultants employed by Owner to perform or furnish services in regard to the Project, including, but not limited to, cost estimating, project peer review, value engineering, and constructibility review.
- J. If Owner designates a construction manager or an individual or entity other than, or in addition to, Engineer to represent Owner at the Site, define and set forth as an attachment to this Exhibit B the duties, responsibilities, and limitations of authority of such other party and the relation thereof to the duties, responsibilities, and authority of Engineer.
- K. If more than one prime contract is to be awarded for the Work designed or specified by Engineer, then designate a person or entity to have authority and responsibility for coordinating the activities among the various prime Contractors, and define and set forth the duties, responsibilities, and limitations of authority of such individual or entity and the relation thereof to the duties, responsibilities, and authority of Engineer as an attachment to this Exhibit B that is to be mutually agreed upon and made a part of this Agreement before such services begin.
- L. Inform Engineer in writing of any specific requirements of safety or security programs that are applicable to Engineer, as a visitor to the Site.
- M. Examine all alternative solutions, studies, reports, sketches, Drawings, Specifications, proposals, and other documents presented by Engineer (including obtaining advice of an attorney, risk manager, insurance counselor, financial/municipal advisor, and other advisors or consultants as Owner deems appropriate with respect to such examination) and render in writing timely decisions pertaining thereto.
- N. Inform Engineer regarding any need for assistance in evaluating the possible use of Project Strategies, Technologies, and Techniques, as defined in Exhibit A.
- O. Advise Engineer as to whether Engineer's assistance is requested in identifying opportunities for enhancing the sustainability of the Project.
- P. Place and pay for advertisement for Bids in appropriate publications.
- Q. Furnish to Engineer data as to Owner's anticipated costs for services to be provided by others (including, but not limited to, accounting, bond and financial, independent cost estimating, insurance counseling, and legal advice) for Owner so that Engineer may assist Owner in collating the various cost categories which comprise Total Project Costs.
- R. Attend and participate in the pre-bid conference, bid opening, pre-construction conferences, construction progress and other job related meetings, and Site visits to determine Substantial Completion and readiness of the completed Work for final payment.
- S. Authorize Engineer to provide Additional Services as set forth in Part 2 of Exhibit A of the Agreement, as required.
- T. Perform or provide the following: N/A

This is **EXHIBIT C**, consisting of 7 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated February 20, 2018.

Payments to Engineer for Services and Reimbursable Expenses
COMPENSATION PACKET BC-3: Basic Services – Percentage of Construction Cost

Article 2 of the Agreement is supplemented to include the following agreement of the parties:

ARTICLE 2 – OWNER’S RESPONSIBILITIES

C2.01 Compensation for Basic Services (other than Resident Project Representative) – Percentage of Construction Cost Method of Payment

A. Owner shall pay Engineer for Basic Services set forth in Exhibit A, except for services in Part 1 Section A1.01 Environmental Review and Evaluation Phase, as follows:

1. *General:* An amount equal to nine (9) percent of the Construction Cost. This amount includes compensation for Engineer’s Services and services of Engineer’s Consultants, if any. The percentage of Construction Cost noted herein accounts for labor, overhead, profit, and expenses (other than any expressly allowed Reimbursable Expenses).
2. As a basis for payment to Engineer, Construction Cost will be based on one or more of the following determinations with precedence in the order listed for Work designed or specified by Engineer:
 - a. For Work designed or specified and incorporated in the completed Project, the actual final price of the Construction Contract(s), as duly adjusted by Change Orders.
 - b. For Work designed or specified but not constructed, the lowest bona fide Bid received from a qualified bidder for such Work; or, if the Work is not bid, the lowest bona fide negotiated proposal for such Work.
 - c. For Work designed or specified but not constructed upon which no such Bid or proposal is received, Engineer’s most recent opinion of probable Construction Cost.
 - d. Labor furnished by Owner for the Project will be included in the Construction Cost at current market rates including a reasonable allowance for overhead and profit. Materials and equipment furnished by Owner will be included at current market prices.
 - e. For purposes of determining Construction Cost under this provision, no deduction is to be made from Construction Contract pricing on account of any penalty, liquidated damages, or other amounts withheld from payments to Contractor(s).
3. *Reimbursable Expenses:* In addition to the Percentage of Construction Cost, Engineer is also entitled to reimbursement from Owner for the following Reimbursable Expenses:
NONE

4. *Progress Payments:*

- a. The portion of the amounts billed for Engineer's services that is on account of the Percentage of Construction Cost will be based upon Engineer's estimate of the percentage of the total services actually completed during the billing period. If any Reimbursable Expenses are expressly allowed, Engineer may also bill for any such Reimbursable Expenses incurred during the billing period.
- b. Upon conclusion of each phase of Basic Services, Owner shall pay such additional amount, if any, as may be necessary to bring total compensation paid during such phase on account of the percentage of Construction Cost to the following estimated percentages of total compensation payable on account of the percentage of Construction Cost for all phases of Basic Services:

Preliminary Design Phase	30%
Final Design Phase	60%
Bidding or Negotiating Phase	10%
	100%

- c. Engineer may alter the distribution of compensation between individual phases of the work noted herein to be consistent with services actually rendered, but shall not exceed the total estimated compensation amount unless approved in writing by Owner.

- B. Owner shall pay Engineer for services in Part 1 Section A1.01 Environmental Review and Evaluation Phase using a time and materials fee with a not to exceed cost of \$29,500.00. This cost does not include an updated archaeological survey or noise study. Should MDAH require an updated archaeological survey, SDW, Inc. can provide a cost estimate for those services based on specific requirements only available at that time. Should a noise study be required to accompany the EA as indicated preliminarily by MDOT, SDW, Inc. can complete the task for an additional lump sum fee of \$16,000.00.

**COMPENSATION PACKET RPR-2:
Resident Project Representative – Section Deleted**

**Exhibit C – Compensation Packet RPR-2: Resident Project Representative Services—
Standard Hourly Rates Method of Payment.**

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**COMPENSATION PACKET AS-1:
Additional Services – Standard Hourly Rates**

Article 2 of the Agreement is supplemented to include the following agreement of the parties:

C2.05 Compensation for Additional Services – Standard Hourly Rates Method of Payment

- A. Owner shall pay Engineer for Additional Services, if any, as follows:
1. *General:* For services of Engineer's personnel engaged directly on the Project pursuant to Paragraph A2.01 or A2.02 of Exhibit A, except for services as a consultant or witness under Paragraph A2.01.A.20, (which if needed shall be separately negotiated based on the nature of the required consultation or testimony) an amount equal to the cumulative hours charged to the Project by each class of Engineer's personnel times Standard Hourly Rates for each applicable billing class for all Additional Services performed on the Project, plus related Reimbursable Expenses and Engineer's Consultant's charges, if any.
- B. *Compensation For Reimbursable Expenses:*
1. For those Reimbursable Expenses that are not accounted for in the compensation for Basic Services under Paragraph C2.01 and are directly related to the provision of Additional Services, Owner shall pay Engineer as mutually agreed upon by both parties.
 2. The amounts payable to Engineer for Reimbursable Expenses, if any, will be the Additional Services-related internal expenses actually incurred or allocated by Engineer, plus all invoiced external Reimbursable Expenses allocable to such Additional Services, the latter multiplied by a factor of 1.1.
 3. The Reimbursable Expenses Schedule will be adjusted annually (as of January 1, 2019) to reflect equitable changes in the compensation payable to Engineer.
- C. *Other Provisions Concerning Payment for Additional Services:*
1. Whenever Engineer is entitled to compensation for the charges of Engineer's Consultants, those charges shall be the amounts billed by Engineer's Consultants to Engineer times a factor of 1.1.
 2. *Factors:* The external Reimbursable Expenses and Engineer's Consultant's Factors include Engineer's overhead and profit associated with Engineer's responsibility for the administration of such services and costs.
 3. To the extent necessary to verify Engineer's charges and upon Owner's timely request, Engineer shall make copies of such records available to Owner at cost.

This is **Appendix 2 to EXHIBIT C**, consisting of 1 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated February 20, 2018.

Standard Hourly Rates Schedule - 2018

A. Standard Hourly Rates:

1. Standard Hourly Rates are set forth in this Appendix 2 to this Exhibit C and include salaries and wages paid to personnel in each billing class plus the cost of customary and statutory benefits, general and administrative overhead, non-project operating costs, and operating margin or profit.
2. The Standard Hourly Rates apply only as specified in Article C2.

B. Schedule:

Hourly rates for services performed on or after the date of the Agreement are:

Senior Engineer	\$175/hour
Project Engineer	\$150/hour
Junior Engineer	\$125/hour
Engineering Intern	\$105/hour
Graduate Engineer	\$105/hour
Senior AutoCad Technician	\$105/hour
AutoCad Technician	\$90/hour
Senior Resident Project Representative	\$95/hour
Resident Project Representative	\$85/hour
Field Crew	\$175/hour
Administrative	\$45/hour

This is **EXHIBIT G**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated February 20, 2018.

Insurance

Paragraph 6.05 of the Agreement is supplemented to include the following agreement of the parties:

G6.05 Insurance

A. The limits of liability for the insurance required by Paragraph 6.05.A and 6.05.B of the Agreement are as follows:

1. By Engineer:

- | | | |
|----|---|-------------|
| a. | Workers' Compensation: | Statutory |
| b. | Employer's Liability -- | |
| | 1) Bodily injury, each accident: | \$100,000 |
| | 2) Bodily injury by disease, each employee: | \$100,000 |
| | 3) Bodily injury/disease, aggregate: | \$500,000 |
| c. | General Liability -- | |
| | 1) Each Occurrence (Bodily Injury and Property Damage): | \$1,000,000 |
| | 2) General Aggregate: | \$2,000,000 |
| d. | Excess or Umbrella Liability -- | |
| | 1) Per Occurrence: | \$2,000,000 |
| | 2) General Aggregate: | |
| e. | Automobile Liability --Combined Single Limit (Bodily Injury and Property Damage): | |
| | | \$1,000,000 |
| f. | Professional Liability -- | |
| | 1) Each Claim Made | \$1,000,000 |
| | 2) Annual Aggregate | \$1,000,000 |
| g. | Other (specify): | N/A |

B. Additional Insureds:

1. The following individuals or entities are to be listed on Owner's general liability policies of insurance as additional insureds:

- a. Shows, Dearman and Waits, Inc.
Engineer
- b. N/A
Engineer's Consultant
- c. N/A
Engineer's Consultant
- d. N/A
[other]

2. During the term of this Agreement the Engineer shall notify Owner of any other Consultant to be listed as an additional insured on Owner's general liability policies of insurance.
3. The Owner shall be listed on Engineer's general liability policy as provided in Paragraph 6.05.A.

This is **EXHIBIT I**, consisting of 1 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated February 20, 2018.

Limitations of Liability

A. Section Deleted

This document has important legal consequences; consultation with an attorney is encouraged with respect to its use or modification. This document should be adapted to the particular circumstances of the contemplated Project and the controlling Laws and Regulations.

AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES

Prepared by



Issued and Published Jointly by



This Agreement has been prepared for use with EJCDC® C-700, Standard General Conditions of the Construction Contract, 2013 Edition. Their provisions are interrelated, and a change in one may necessitate a change in the other. For guidance on the completion and use of this Agreement, see EJCDC® E-001, Commentary on the EJCDC Engineering Services Agreements, 2013 Edition.

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8.03 Designated Representatives:.....	16
8.04 Engineer's Certifications:	16

**AGREEMENT
BETWEEN OWNER AND ENGINEER
FOR PROFESSIONAL SERVICES**

THIS IS AN AGREEMENT effective as of February 20, 2018 ("Effective Date") between
City of Hattiesburg ("Owner") and
Shows, Dearman and Waits, Inc. ("Engineer").

Owner's Project, of which Engineer's services under this Agreement are a part, is generally identified as follows:
Develop plans and specifications in accordance with the MDOT LPA manual for STP-8761-00(002)
LPA106505/701000, widening and new construction of Martin Luther King Boulevard between Tuscan Avenue and
William Carey Boulevard.
("Project").

Other terms used in this Agreement are defined in Article 7.

Engineer's services under this Agreement are generally identified as follows: In accordance with the MDOT LPA
manual, current edition, and as outlines in Exhibit A.

Owner and Engineer further agree as follows:

ARTICLE 1 – SERVICES OF ENGINEER

1.01 Scope

- A. Engineer shall provide, or cause to be provided, the services set forth herein and in Exhibit A.

ARTICLE 2 – OWNER'S RESPONSIBILITIES

2.01 General

- A. Owner shall have the responsibilities set forth herein and in Exhibit B.
- B. Owner shall pay Engineer as set forth in Article 4 and Exhibit C.
- C. Owner shall be responsible for all requirements and instructions that it furnishes to Engineer pursuant to this Agreement, and for the accuracy and completeness of all programs, reports, data, and other information furnished by Owner to Engineer pursuant to this Agreement. Engineer may use and rely upon such requirements, programs, instructions, reports, data, and information in performing or furnishing services under this Agreement, subject to any express limitations or reservations applicable to the furnished items.
- D. Owner shall give prompt written notice to Engineer whenever Owner observes or otherwise becomes aware of:

1. any development that affects the scope or time of performance of Engineer's services;
2. the presence at the Site of any Constituent of Concern; or
3. any relevant, material defect or nonconformance in: (a) Engineer's services, (b) the Work, (c) the performance of any Constructor, or (d) Owner's performance of its responsibilities under this Agreement.

ARTICLE 3 – SCHEDULE FOR RENDERING SERVICES

3.01 Commencement

- A. Engineer is authorized to begin rendering services as of the Effective Date.

3.02 Time for Completion

- A. Engineer shall complete its obligations within a reasonable time. Specific periods of time for rendering services, or specific dates by which services are to be completed, are provided in Exhibit A, and are hereby agreed to be reasonable.
- B. If, through no fault of Engineer, such periods of time or dates are changed, or the orderly and continuous progress of Engineer's services is impaired, or Engineer's services are delayed or suspended, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation, shall be adjusted equitably.
- C. If Owner authorizes changes in the scope, extent, or character of the Project or Engineer's services, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation, shall be adjusted equitably.
- D. Owner shall make decisions and carry out its other responsibilities in a timely manner so as not to delay the Engineer's performance of its services.
- E. If Engineer fails, through its own fault, to complete the performance required in this Agreement within the time set forth, as duly adjusted, then Owner shall be entitled, as its sole remedy, to the recovery of direct damages, if any, resulting from such failure.

ARTICLE 4 – INVOICES AND PAYMENTS

4.01 Invoices

- A. *Preparation and Submittal of Invoices:* Engineer shall prepare invoices in accordance with its standard invoicing practices and the terms of Exhibit C. Engineer shall submit its invoices to Owner on a monthly basis. Invoices are due and payable within 45 days of receipt.

4.02 Payments

- A. *Application to Interest and Principal:* Payment will be credited first to any interest owed to Engineer and then to principal.

- B. *Failure to Pay:* If Owner fails to make any payment due Engineer for services and expenses within 45 days after receipt of Engineer's invoice, then:
1. amounts due Engineer will be increased at the rate of 1.5% per month (or the maximum rate of interest permitted by law, if less) from said forty-fifth day; and
 2. Engineer may, after giving seven days written notice to Owner, suspend services under this Agreement until Owner has paid in full all amounts due for services, expenses, and other related charges. Owner waives any and all claims against Engineer for any such suspension.
- C. *Disputed Invoices:* If Owner disputes an invoice, either as to amount or entitlement, then Owner shall promptly advise Engineer in writing of the specific basis for doing so, and the dispute dealt with as set out in Mississippi Code Ann. Section 31-7-305.
- D. *Sales or Use Taxes:* If after the Effective Date any governmental entity takes a legislative action that imposes additional sales or use taxes on Engineer's services or compensation under this Agreement, then Engineer may invoice such additional sales or use taxes for reimbursement by Owner. Owner shall reimburse Engineer for the cost of such invoiced additional sales or use taxes; such reimbursement shall be in addition to the compensation to which Engineer is entitled under the terms of Exhibit C.

ARTICLE 5 – OPINIONS OF COST

5.01 *Opinions of Probable Construction Cost*

- A. Engineer's opinions (if any) of probable Construction Cost are to be made on the basis of Engineer's experience, qualifications, and general familiarity with the construction industry. However, because Engineer has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, Engineer cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by Engineer. If Owner requires greater assurance as to probable Construction Cost, then Owner agrees to obtain an independent cost estimate.

5.02 *Designing to Construction Cost Limit*

- A. If a Construction Cost limit is established between Owner and Engineer, such Construction Cost limit and a statement of Engineer's rights and responsibilities with respect thereto will be specifically set forth in Exhibit F to this Agreement.

5.03 *Opinions of Total Project Costs*

- A. The services, if any, of Engineer with respect to Total Project Costs shall be limited to assisting the Owner in tabulating the various categories that comprise Total Project Costs. Engineer assumes no responsibility for the accuracy of any opinions of Total Project Costs.

ARTICLE 6 – GENERAL CONSIDERATIONS

6.01 *Standards of Performance*

- A. *Standard of Care:* The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality.
- B. *Technical Accuracy:* Owner shall not be responsible for discovering deficiencies in the technical accuracy of Engineer's services. Engineer shall correct deficiencies in technical accuracy without additional compensation, unless such corrective action is directly attributable to deficiencies in Owner-furnished information.
- C. *Consultants:* Engineer may retain such Consultants as Engineer deems necessary to assist in the performance or furnishing of the services, subject to reasonable, timely, and substantive objections by Owner.
- D. *Reliance on Others:* Subject to the standard of care set forth in Paragraph 6.01.A, Engineer and its Consultants may use or rely upon design elements and information ordinarily or customarily furnished by others, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards.
- E. *Compliance with Laws and Regulations, and Policies and Procedures:*
 - 1. Engineer and Owner shall comply with applicable Laws and Regulations.
 - 2. Engineer shall comply with any and all policies, procedures, and instructions of Owner that are applicable to Engineer's performance of services under this Agreement and that Owner provides to Engineer in writing, subject to the standard of care set forth in Paragraph 6.01.A, and to the extent compliance is not inconsistent with professional practice requirements.
 - 3. This Agreement is based on Laws and Regulations and Owner-provided written policies and procedures as of the Effective Date. The following may be the basis for modifications to Owner's responsibilities or to Engineer's scope of services, times of performance, or compensation:
 - a. changes after the Effective Date to Laws and Regulations;
 - b. the receipt by Engineer after the Effective Date of Owner-provided written policies and procedures;
 - c. changes after the Effective Date to Owner-provided written policies or procedures.
- F. Engineer shall not be required to sign any document, no matter by whom requested, that would result in the Engineer having to certify, guarantee, or warrant the existence of conditions whose existence the Engineer cannot ascertain. Owner agrees not to make resolution of any dispute with the Engineer or payment of any amount due to the Engineer in any way contingent upon the Engineer signing any such document.

- G. The general conditions for any construction contract documents prepared hereunder are to be in accordance with local, state and federal law.
- H. Engineer shall not at any time supervise, direct, control, or have authority over any Constructor's work, nor shall Engineer have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, or the safety precautions and programs incident thereto, for security or safety at the Site, nor for any failure of a Constructor to comply with Laws and Regulations applicable to that Constructor's furnishing and performing of its work. Engineer shall not be responsible for the acts or omissions of any Constructor.
- I. Engineer neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish and perform the Work in accordance with the Construction Contract Documents.
- J. Engineer shall not be responsible for any decision made regarding the Construction Contract Documents, or any application, interpretation, clarification, or modification of the Construction Contract Documents, other than those made by Engineer or its Consultants.
- K. Engineer is not required to provide and does not have any responsibility for surety bonding or insurance-related advice, recommendations, counseling, or research, or enforcement of construction insurance or surety bonding requirements.
- L. Engineer's services do not include providing legal advice or representation.
- M. Engineer's services do not include (1) serving as a "municipal advisor" for purposes of the registration requirements of Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) or the municipal advisor registration rules issued by the Securities and Exchange Commission, or (2) advising Owner, or any municipal entity or other person or entity, regarding municipal financial products or the issuance of municipal securities, including advice with respect to the structure, timing, terms, or other similar matters concerning such products or issuances.
- N. While at the Site, Engineer, its Consultants, and their employees and representatives shall comply with the applicable requirements of Contractor's and Owner's safety programs of which Engineer has been informed in writing.

6.02 *Design Without Construction Phase Services*

- A. Engineer shall be responsible only for those Construction Phase services expressly required of Engineer in Exhibit A, Paragraph A1.05. With the exception of such expressly required services, Engineer shall have no design, Shop Drawing review, or other obligations during construction, and Owner assumes all responsibility for the application and interpretation of the Construction Contract Documents, review and response to Contractor claims, Construction Contract administration, processing of Change Orders and submittals, revisions to the Construction Contract Documents during construction, construction observation and review, review of Contractor's payment applications, and all other necessary Construction Phase administrative, engineering, and professional services. Owner waives all claims against the Engineer that may be connected in any way to

Construction Phase administrative, engineering, or professional services except for those services that are expressly required of Engineer in Exhibit A.

6.03 *Use of Documents*

- A. All Documents are instruments of service, and Engineer shall retain an ownership and property interest therein (including the copyright and the right of reuse at the discretion of the Engineer) whether or not the Project is completed.
- B. If Engineer is required to prepare or furnish Drawings or Specifications under this Agreement, Engineer shall deliver to Owner at least one original printed record version of such Drawings and Specifications, signed and sealed according to applicable Laws and Regulations.
- C. Owner may make and retain copies of Documents for information and reference in connection with the use of the Documents on the Project. Engineer grants Owner a limited license to use the Documents on the Project, extensions of the Project, and for related uses of the Owner, subject to receipt by Engineer of full payment due and owing for all services relating to preparation of the Documents, and subject to the following limitations: (1) Owner acknowledges that such Documents are not intended or represented to be suitable for use on the Project unless completed by Engineer, or for use or reuse by Owner or others on extensions of the Project, on any other project, or for any other use or purpose, without written verification or adaptation by Engineer; (2) any such use or reuse, or any modification of the Documents, without written verification, completion, or adaptation by Engineer, as appropriate for the specific purpose intended, will be at Owner's sole risk and without liability or legal exposure to Engineer or to its officers, directors, members, partners, agents, employees, and Consultants; (3) such limited license to Owner shall not create any rights in third parties.
- D. If Engineer at Owner's request verifies the suitability of the Documents, completes them, or adapts them for extensions of the Project or for any other purpose, then Owner shall compensate Engineer at rates or in an amount to be agreed upon by Owner and Engineer.

6.04 *Electronic Transmittals*

- A. Owner and Engineer may transmit, and shall accept, Project-related correspondence, Documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website, in accordance with a mutually agreeable protocol.
- B. If this Agreement does not establish protocols for electronic or digital transmittals, then Owner and Engineer shall jointly develop such protocols.
- C. When transmitting items in electronic media or digital format, the transmitting party makes no representations as to long term compatibility, usability, or readability of the items resulting from the recipient's use of software application packages, operating systems, or computer hardware differing from those used in the drafting or transmittal of the items, or from those established in applicable transmittal protocols.

6.05 Insurance

- A. Engineer shall procure and maintain insurance as set forth in Exhibit G. Engineer shall cause Owner to be listed as an additional insured on any applicable general liability insurance policy carried by Engineer.
- B. Section Deleted
- C. Owner shall require Contractor to purchase and maintain policies of insurance covering workers' compensation, general liability, motor vehicle damage and injuries, and other insurance necessary to protect Owner's and Engineer's interests in the Project. Owner shall require Contractor to cause Engineer and its Consultants to be listed as additional insureds with respect to such liability insurance purchased and maintained by Contractor for the Project.
- D. Upon written request the Engineer shall deliver to the Owner certificates of insurance evidencing the coverages indicated in Exhibit G. Such certificates shall be furnished prior to commencement of Engineer's services and at renewals thereafter during the life of the Agreement.
- E. All policies of property insurance relating to the Project, including but not limited to any builder's risk policy, shall allow for waiver of subrogation rights and 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 insured thereunder or against Engineer or its Consultants. Owner and Engineer shall take appropriate measures in other Project-related contracts to secure waivers of rights consistent with those set forth in this paragraph.
- F. All policies of insurance shall contain a provision or endorsement that the coverage afforded will not be canceled or reduced in limits by endorsement, and that renewal will not be refused, until at least 10 days prior written notice has been given to the primary insured. Upon receipt of such notice, the receiving party shall promptly forward a copy of the notice to the other party to this Agreement.
- G. At any time, Owner may request that Engineer or its Consultants, at Owner's sole expense, provide additional insurance coverage, increased limits, or revised deductibles that are more protective than those specified in Exhibit G. If so requested by Owner, and if commercially available, Engineer shall obtain and shall require its Consultants to obtain such additional insurance coverage, different limits, or revised deductibles for such periods of time as requested by Owner, and Exhibit G will be supplemented to incorporate these requirements.

6.06 Suspension and Termination

A. Suspension:

- 1. *By Owner:* Owner may suspend the Project for up to 90 days upon seven days written notice to Engineer.
- 2. *By Engineer:* Engineer may, after giving seven days written notice to Owner, suspend services under this Agreement if Owner has failed to pay Engineer for invoiced services

and expenses, as set forth in Paragraph 4.02.B, or in response to the presence of Constituents of Concern at the Site, as set forth in Paragraph 6.10.D.

B. *Termination:* The obligation to provide further services under this Agreement may be terminated:

1. For cause,

a. by either party upon 30 days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.

b. by Engineer:

1) upon seven days written notice if Owner demands that Engineer furnish or perform services contrary to Engineer's responsibilities as a licensed professional; or

2) upon seven days written notice if the Engineer's services for the Project are delayed or suspended for more than 90 days for reasons beyond Engineer's control, or as the result of the presence at the Site of undisclosed Constituents of Concern, as set forth in Paragraph 6.10.D.

3) Engineer shall have no liability to Owner on account of such termination.

c. Notwithstanding the foregoing, this Agreement will not terminate under Paragraph 6.06.B.1.a if the party receiving such notice begins, within seven days of receipt of such notice, to correct its substantial failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt thereof; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, 60 days after the date of receipt of the notice.

2. For convenience, by Owner effective upon Engineer's receipt of notice from Owner.

C. *Effective Date of Termination:* The terminating party under Paragraph 6.06.B may set the effective date of termination at a time up to 30 days later than otherwise provided to allow Engineer to demobilize personnel and equipment from the Site, to complete tasks whose value would otherwise be lost, to prepare notes as to the status of completed and uncompleted tasks, and to assemble Project materials in orderly files.

D. *Payments Upon Termination:*

1. In the event of any termination under Paragraph 6.06, Engineer will be entitled to invoice Owner and to receive full payment for all services performed or furnished in accordance with this Agreement and all Reimbursable Expenses incurred through the effective date of termination. Upon making such payment, Owner shall have the limited

right to the use of Documents, at Owner's sole risk, subject to the provisions of Paragraph 6.03.

2. In the event of termination by Owner for convenience or by Engineer for cause, Engineer shall be entitled, in addition to invoicing for those items identified in Paragraph 6.06.D.1, to invoice Owner and receive payment of a reasonable amount for services and expenses directly attributable to termination, both before and after the effective date of termination, such as reassignment of personnel, costs of terminating contracts with Engineer's Consultants, and other related close-out costs, using methods and rates for Additional Services as set forth in Exhibit C.

6.07 *Controlling Law*

- A. This Agreement is to be governed by the Laws and Regulations of the state in which the Project is located.

6.08 *Successors, Assigns, and Beneficiaries*

- A. Engineer is hereby bound and the successors, executors, administrators, and legal representatives of Engineer (and to the extent permitted by Paragraph 6.08.B the assigns of Engineer) are hereby bound to the Owner to this Agreement and to the successors, executors, administrators and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements, and obligations of this Agreement.
- B. Neither Owner nor Engineer may assign, sublet, or transfer any rights under or interest (including, but without limitation, money that is due or may become due) in this Agreement without the written consent of the other party, except to the extent that any assignment, subletting, or transfer is mandated by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.
- C. Unless expressly provided otherwise in this Agreement:
 1. Nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by Owner or Engineer to any Constructor, other third-party individual or entity, or to any surety for or employee of any of them.
 2. All duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of Owner and Engineer and not for the benefit of any other party.
 3. Owner agrees that the substance of the provisions of this Paragraph 6.08.C shall appear in the Construction Contract Documents.

6.09 *Dispute Resolution*

- A. Owner and Engineer agree to negotiate all disputes between them in good faith for a period of 30 days from the date of notice prior to invoking other provisions of this Agreement, or exercising their rights at law.

6.10 *Environmental Condition of Site*

- A. Owner represents to Engineer that as of the Effective Date to the best of Owner's knowledge no Constituents of Concern, other than those disclosed in writing to Engineer, exist at or adjacent to the Site.
- B. If Engineer encounters or learns of an undisclosed Constituent of Concern at the Site, then Engineer shall notify (1) Owner and (2) appropriate governmental officials if Engineer reasonably concludes that doing so is required by applicable Laws or Regulations.
- C. It is acknowledged by both parties that Engineer's scope of services does not include any services related to unknown or undisclosed Constituents of Concern. If Engineer or any other party encounters, uncovers, or reveals an undisclosed Constituent of Concern, then Owner shall promptly determine whether to retain a qualified expert to evaluate such condition or take any necessary corrective action.
- D. If investigative or remedial action, or other professional services, are necessary with respect to undisclosed Constituents of Concern, or if investigative or remedial action beyond that reasonably contemplated is needed to address a disclosed or known Constituent of Concern, then Engineer may, at its option and without liability for consequential or any other damages, suspend performance of services on the portion of the Project affected thereby until such portion of the Project is no longer affected.
- E. If the presence at the Site of undisclosed Constituents of Concern adversely affects the performance of Engineer's services under this Agreement, then the Engineer shall have the option of (1) accepting an equitable adjustment in its compensation or in the time of completion, or both; or (2) terminating this Agreement for cause on seven days notice.
- F. Owner acknowledges that Engineer is performing professional services for Owner and that Engineer is not and shall not be required to become an "owner," "arranger," "operator," "generator," or "transporter" of hazardous substances, as defined in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, which are or may be encountered at or near the Site in connection with Engineer's activities under this Agreement.

6.11 *Shared Negligence*

- A. *Percentage Share of Negligence:* To the fullest extent permitted by Laws and Regulations, a party's total liability to the other party and anyone claiming by, through, or under the other party for any cost, loss, or damages caused in part by the negligence of the party and in part by the negligence of the other party or any other negligent entity or individual, shall not exceed the percentage share that the party's negligence bears to the total negligence of Owner, Engineer, and all other negligent entities and individuals.

6.12 *Records Retention*

- A. Engineer shall maintain on file in legible form, for a period of five years following completion or termination of its services, all Documents, records (including cost records), and design calculations related to Engineer's services or pertinent to Engineer's

performance under this Agreement. Upon Owner's request, Engineer shall provide a copy of any such item to Owner at cost.

6.13 *Miscellaneous Provisions*

- A. *Notices:* Any notice required under this Agreement will be in writing, addressed to the appropriate party at its address on the signature page and given personally, by registered or certified mail postage prepaid, or by a commercial courier service. All notices shall be effective upon the date of receipt.
- B. *Survival:* All express representations, waivers, indemnifications, and limitations of liability included in this Agreement will survive its completion or termination for any reason.
- C. *Severability:* Any provision or part of the Agreement held to be void or unenforceable under any Laws or Regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Engineer, which agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.
- D. *Waiver:* A party's non-enforcement of any provision shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.
- E. *Accrual of Claims:* To the fullest extent permitted by Laws and Regulations, all causes of action arising under this Agreement shall be deemed to have accrued, and all statutory periods of limitation shall commence, no later than the date of Substantial Completion.

ARTICLE 7 – DEFINITIONS

7.01 *Defined Terms*

- A. Wherever used in this Agreement (including the Exhibits hereto) terms (including the singular and plural forms) printed with initial capital letters have the meanings indicated in the text above, in the exhibits, or in the following definitions:
 - 1. *Addenda*—Written or graphic instruments issued prior to the opening of bids which clarify, correct, or change the bidding requirements or the proposed Construction Contract Documents.
 - 2. *Additional Services*—The services to be performed for or furnished to Owner by Engineer in accordance with Part 2 of Exhibit A of this Agreement.
 - 3. *Agreement*—This written contract for professional services between Owner and Engineer, including all exhibits identified in Paragraph 8.01 and any duly executed amendments.
 - 4. *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 Construction Contract.

5. *Basic Services*—The services to be performed for or furnished to Owner by Engineer in accordance with Part 1 of Exhibit A of this Agreement.
6. *Change Order*—A document which is signed by Contractor and Owner and authorizes an addition, deletion, or revision in the Work or an adjustment in the Construction Contract Price or the Construction Contract Times, or other revision to the Construction Contract, issued on or after the effective date of the Construction Contract.
7. *Change Proposal*—A written request by Contractor, duly submitted in compliance with the procedural requirements set forth in the Construction Contract, seeking an adjustment in Construction Contract Price or Construction Contract Times, or both; contesting an initial decision by Engineer concerning the requirements of the Construction Contract Documents or the acceptability of Work under the Construction Contract Documents; challenging a set-off against payments due; or seeking other relief with respect to the terms of the Construction Contract.
8. *Constituent of Concern*—Asbestos, petroleum, radioactive material, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to (a) the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. §§9601 et seq. (“CERCLA”); (b) the Hazardous Materials Transportation Act, 49 U.S.C. §§5501 et seq.; (c) the Resource Conservation and Recovery Act, 42 U.S.C. §§6901 et seq. (“RCRA”); (d) the Toxic Substances Control Act, 15 U.S.C. §§2601 et seq.; (e) the Clean Water Act, 33 U.S.C. §§1251 et seq.; (f) the Clean Air Act, 42 U.S.C. §§7401 et seq.; or (g) any other federal, State, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.
9. *Construction Contract*—The entire and integrated written contract between the Owner and Contractor concerning the Work.
10. *Construction Contract Documents*—Those items designated as “Contract Documents” in the Construction Contract, and which together comprise the Construction Contract.
11. *Construction Contract Price*—The money that Owner has agreed to pay Contractor for completion of the Work in accordance with the Construction Contract Documents.
12. *Construction Contract Times*—The number of days or the dates by which Contractor shall: (a) achieve milestones, if any, in the Construction Contract; (b) achieve Substantial Completion; and (c) complete the Work.
13. *Construction Cost*—The cost to Owner of the construction of those portions of the entire Project designed or specified by or for Engineer under this Agreement, including construction labor, services, materials, equipment, insurance, and bonding costs, and allowances for contingencies. Construction Cost does not include costs of services of Engineer or other design professionals and consultants; cost of land or rights-of-way, or

compensation for damages to property; Owner's costs for legal, accounting, insurance counseling, or auditing services; interest or financing charges incurred in connection with the Project; or the cost of other services to be provided by others to Owner. Construction Cost is one of the items comprising Total Project Costs.

14. *Constructor*—Any person or entity (not including the Engineer, its employees, agents, representatives, and Consultants), performing or supporting construction activities relating to the Project, including but not limited to Contractors, Subcontractors, Suppliers, Owner's work forces, utility companies, other contractors, construction managers, testing firms, shippers, and truckers, and the employees, agents, and representatives of any or all of them.
15. *Consultants*—Individuals or entities having a contract with Engineer to furnish services with respect to this Project as Engineer's independent professional associates and consultants; subcontractors; or vendors.
16. *Contractor*—The entity or individual with which Owner enters into a Construction Contract.
17. *Documents*—Data, reports, Drawings, Specifications, Record Drawings, building information models, civil integrated management models, and other deliverables, whether in printed or electronic format, provided or furnished in appropriate phases by Engineer to Owner pursuant to this Agreement.
18. *Drawings*—That part of the Construction Contract Documents that graphically shows the scope, extent, and character of the Work to be performed by Contractor.
19. *Effective Date*—The date indicated in this Agreement on which it becomes effective, but if no such date is indicated, the date on which this Agreement is signed and delivered by the last of the parties to sign and deliver.
20. *Engineer*—The individual or entity named as such in this Agreement.
21. *Field Order*—A written order issued by Engineer which requires minor changes in the Work but does not change the Construction Contract Price or the Construction Contract Times.
22. *Laws and Regulations; Laws or Regulations*—Any and all applicable laws, statutes, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.
23. *Owner*—The individual or entity named as such in this Agreement and for which Engineer's services are to be performed. Unless indicated otherwise, this is the same individual or entity that will enter into any Construction Contracts concerning the Project.
24. *Project*—The total undertaking to be accomplished for Owner by engineers, contractors, and others, including planning, study, design, construction, testing, commissioning, and start-up, and of which the services to be performed or furnished by Engineer under this Agreement are a part.

25. *Record Drawings*—Drawings depicting the completed Project, or a specific portion of the completed Project, prepared by Engineer as an Additional Service and based on Contractor's record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, and written interpretations and clarifications, as delivered to Engineer and annotated by Contractor to show changes made during construction.
26. *Reimbursable Expenses*—The expenses incurred directly by Engineer in connection with the performing or furnishing of Basic Services and Additional Services for the Project.
27. *Resident Project Representative*—The authorized representative of Engineer assigned to assist Engineer at the Site during the Construction Phase. As used herein, the term Resident Project Representative or "RPR" includes any assistants or field staff of Resident Project Representative. The duties and responsibilities of the Resident Project Representative, if any, are as set forth in Exhibit D.
28. *Samples*—Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and that establish the standards by which such portion of the Work will be judged.
29. *Shop Drawings*—All drawings, diagrams, illustrations, schedules, and other data or information that are specifically prepared or assembled by or for Contractor and submitted by Contractor to illustrate some portion of the Work. Shop Drawings, whether approved or not, are not Drawings and are not Construction Contract Documents.
30. *Site*—Lands or areas to be indicated in the Construction Contract Documents as being furnished by Owner upon which the Work is to be performed, including rights-of-way and easements, and such other lands furnished by Owner which are designated for the use of Contractor.
31. *Specifications*—The part of the Construction Contract Documents that consists of written requirements for materials, equipment, systems, standards, and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable to the Work.
32. *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.
33. *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 Construction 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.
34. *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 a Subcontractor.

35. *Total Project Costs*—The total cost of planning, studying, designing, constructing, testing, commissioning, and start-up of the Project, including Construction Cost and all other Project labor, services, materials, equipment, insurance, and bonding costs, allowances for contingencies, and the total costs of services of Engineer or other design professionals and consultants, together with such other Project-related costs that Owner furnishes for inclusion, including but not limited to cost of land, rights-of-way, compensation for damages to properties, Owner's costs for legal, accounting, insurance counseling, and auditing services, interest and financing charges incurred in connection with the Project, and the cost of other services to be provided by others to Owner.
36. *Work*—The entire construction or the various separately identifiable parts thereof required to be provided under the Construction Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction; furnishing, installing, and incorporating all materials and equipment into such construction; and may include related services such as testing, start-up, and commissioning, all as required by the Construction Contract Documents.
37. *Work Change Directive*—A written directive to Contractor issued on or after the effective date of the Construction Contract, signed by Owner and recommended by Engineer, ordering an addition, deletion, or revision in the Work.

B. *Day*:

1. The word "day" means a calendar day of 24 hours measured from midnight to the next midnight.

ARTICLE 8 – EXHIBITS AND SPECIAL PROVISIONS

8.01 *Exhibits Included*:

- A. Exhibit A, Engineer's Services.
- B. Exhibit B, Owner's Responsibilities.
- C. Exhibit C, Payments to Engineer for Services and Reimbursable Expenses.
- D. Exhibit D, DELETED
- E. Exhibit E, DELETED
- F. Exhibit F, DELETED
- G. Exhibit G, Insurance.
- H. Exhibit H, DELETED
- I. Exhibit I, Limitations of Liability.
- J. Exhibit J, DELETED

K. Exhibit K, DELETED

8.02 *Total Agreement*

- A. This Agreement, (together with the exhibits included above) constitutes the entire agreement between Owner and Engineer and supersedes all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a written instrument duly executed by both parties.

8.03 *Designated Representatives*

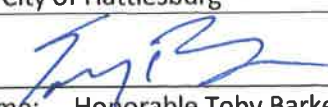
- A. With the execution of this Agreement, Engineer and Owner shall designate specific individuals to act as Engineer's and Owner's representatives with respect to the services to be performed or furnished by Engineer and responsibilities of Owner under this Agreement. Such an individual shall have authority to transmit instructions, receive information, and render decisions relative to this Agreement on behalf of the respective party whom the individual represents.

8.04 *Engineer's Certifications*

- A. Engineer certifies that it has not engaged in corrupt, fraudulent, or coercive practices in competing for or in executing the Agreement. For the purposes of this Paragraph 8.04:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the selection process or in the Agreement execution;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the selection process or the execution of the Agreement to the detriment of Owner, or (b) to deprive Owner of the benefits of free and open competition;
 - 3. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the selection process or affect the execution of the Agreement.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, the Effective Date of which is indicated on page 1.

Owner: City of Hattiesburg

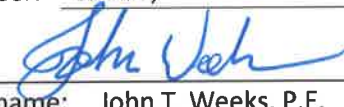
By: 

Print name: Honorable Toby Barker

Title: Mayor

Date Signed: _____

Engineer: Shows, Dearman and Waits, Inc.

By: 

Print name: John T. Weeks, P.E.

Title: Vice-President

Date Signed: _____

Engineer License or Firm's Certificate No. (if required):

E-4

State of: Mississippi

Address for Owner's receipt of notices:

P.O. Box 1898

Hattiesburg, MS 39403-1898

Address for Engineer's receipt of notices:

301 Second Avenue

Hattiesburg, MS 39401

Designated Representative (Paragraph 8.03.A):

Lamar Rutland, P.E.

Title: Director of Engineering

Phone Number: 601.545.4540

E-Mail Address: lrutland@hattiesburgms.com

Designated Representative (Paragraph 8.03.A):

Nicolas Connolly

Title: Vice-President

Phone Number: 601.544.1821

E-Mail Address: nick@sd-w.com

This is **EXHIBIT A**, consisting of **14** pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated February 20, 2018.

Engineer's Services

Article 1 of the Agreement is supplemented to include the following agreement of the parties.

Engineer shall provide Basic and Additional Services as set forth below.

PART 1 – BASIC SERVICES

A1.01 *Environmental Review and Evaluation Phase*

- A. Preparations of a full LPA Environmental Assessment (EA), including the 8-step Floodplain Process and publication of all required public notices.
- B. A Wetlands delineation and nationwide permitting with the U.S. Army Corps of Engineers (USACE) for proposed fill activities in jurisdictional wetlands in accordance with the 1987 USACE Wetland Delineation Manual.
- C. Coordination with U.S. Fish and Wildlife Services (USFWS) and the Mississippi Department of Wildlife Fisheries and Parks (MDWFP) to update agency review and concurrence with the proposed project design.
- D. Coordination with the Mississippi Department of Archives and History (MDAH) to update agency review and concurrence with the proposed project design.
- E. Conduct community involvement with local area residents for public review and comments.
- F. Final preparation of a EA Finding of No Significant Impact (FONSI) determination prior to construction of the project.

A1.02 *Preliminary Design Phase*

- A. After issuance by Owner of any instructions of for use of Project Strategies, Technologies, and Techniques, or for inclusion of sustainable features in the design; and indication by Owner of any specific modifications or changes in the scope, extent, character, or design requirements of the Project desired by Owner, (1) Engineer and Owner shall discuss and resolve any necessary revisions to Engineer's compensation (through application of the provisions regarding Additional Services, or otherwise), or the time for completion of Engineer's services, resulting from the selected solution, related Project Strategies, Technologies, or Techniques, sustainable design instructions, or specific modifications to the Project, and (2) upon written from Owner, Engineer shall:
 - 1. Prepare Preliminary Design Phase documents consisting of final design criteria, preliminary drawings, outline specifications, and written descriptions of the Project.

2. In preparing the Preliminary Design Phase documents, use any specific applicable Project Strategies, Technologies, and Techniques authorized by Owner and include sustainable features, as appropriate, pursuant to Owner's instructions.
3. Provide necessary field surveys and topographic and utility mapping for Engineer's design purposes. Comply with the scope of work and procedure for the identification and mapping of existing utilities selected and authorized by Owner pursuant to advice from Engineer based on ASCE 38, "Standard Guideline for the Collection and Depiction of Existing Subsurface Utility Data," as set forth in Paragraph A1.01.A.12 above. If no such scope of work and procedure for utility mapping has been selected and authorized, then at a minimum the utility mapping will include Engineer contacting utility owners and obtaining available information.
4. Visit the Site as needed to prepare the Preliminary Design Phase documents.
5. Advise Owner if additional reports, data, information, or services of the types described in Exhibit B are necessary and assist Owner in obtaining such reports, data, information, or services.
6. Continue to assist Owner with Project Strategies, Technologies, and Techniques that Owner has chosen to implement.
7. Based on the information contained in the Preliminary Design Phase documents, prepare a revised opinion of probable Construction Cost, and assist Owner in tabulating the various cost categories which comprise Total Project Costs.
8. Obtain and review Owner's instructions regarding Owner's procurement of construction services (including instructions regarding advertisements for bids, instructions to bidders, and requests for proposals, as applicable), Owner's construction contract practices and requirements, insurance and bonding requirements, electronic transmittals during construction, and other information necessary for the finalization of Owner's bidding-related documents (or requests for proposals or other construction procurement documents), and Construction Contract Documents. Also obtain and review copies of Owner's design and construction standards, Owner's standard forms, general conditions (if other than EJCDC® C-700, Standard General Conditions of the Construction Contract, 2013 Edition), supplementary conditions, text, and related documents or content for Engineer to include in the draft bidding-related documents (or requests for proposals or other construction procurement documents), and in the draft Construction Contract Documents, when applicable.
9. Perform or provide the following other Preliminary Design Phase tasks or deliverables:
N/A
10. Furnish 1 review copies of the Preliminary Design Phase documents, opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables to Owner within 180 days of authorization to proceed with this phase, and review them with Owner. Within 15 days of receipt, Owner shall submit to Engineer any comments regarding the furnished items.

11. Revise the Preliminary Design Phase documents, opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables in response to Owner's comments, as appropriate, and furnish to Owner 1 copies of the revised Preliminary Design Phase documents, revised opinion of probable Construction Cost, and any other deliverables within 60 days after receipt of Owner's comments.
- B. Engineer's services under the Preliminary Design Phase will be considered complete on the date when Engineer has delivered to Owner the revised Preliminary Design Phase documents, revised opinion of probable Construction Cost, and any other Preliminary Design Phase deliverables.

A1.03 *Final Design Phase*

- A. After acceptance by Owner of the Preliminary Design Phase documents, revised opinion of probable Construction Cost as determined in the Preliminary Design Phase, and any other Preliminary Design Phase deliverables, subject to any Owner-directed modifications or changes in the scope, extent, character, or design requirements of or for the Project, and upon authorization from Owner, Engineer shall:
 1. Prepare final Drawings and Specifications indicating the scope, extent, and character of the Work to be performed and furnished by Contractor.
 2. Visit the Site as needed to assist in preparing the final Drawings and Specifications.
 3. Provide technical criteria, written descriptions, and design data for Owner's use in filing applications for permits from or approvals of governmental authorities having jurisdiction to review or approve the final design; assist Owner in consultations with such authorities; and revise the Drawings and Specifications in response to directives from such authorities, as appropriate.
 4. Advise Owner of any recommended adjustments to the opinion of probable Construction Cost.
 5. After consultation with Owner, include in the Construction Contract Documents any specific protocols for the transmittal of Project-related correspondence, documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website. Any such protocols shall be applicable to transmittals between and among Owner, Engineer, and Contractor during the Construction Phase and Post-Construction Phase, and unless agreed otherwise shall supersede any conflicting protocols previously established for transmittals between Owner and Engineer.
 6. Assist Owner in assembling known reports and drawings of Site conditions, and in identifying the technical data contained in such reports and drawings upon which bidders or other prospective contractors may rely.
 7. In addition to preparing the final Drawings and Specifications, assemble drafts of other Construction Contract Documents based on specific instructions and contract forms, text, or content received from Owner.

8. Prepare or assemble draft bidding-related documents (or requests for proposals or other construction procurement documents), based on the specific bidding or procurement-related instructions and forms, text, or content received from Owner.
 9. Perform or provide the following other Final Design Phase tasks or deliverables:
N/A
 10. Furnish for review by Owner, its legal counsel, and other advisors, 1 copies of the final Drawings and Specifications, assembled drafts of other Construction Contract Documents, the draft bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables, within 180 days of authorization to proceed with the Final Design Phase, and review them with Owner. Within 15 days of receipt, Owner shall submit to Engineer any comments regarding the furnished items, and any instructions for revisions.
 11. Revise the final Drawings and Specifications, assembled drafts of other Construction Contract Documents, the draft bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables in accordance with comments and instructions from the Owner, as appropriate, and submit 1 final copies of such documents to Owner within 60 days after receipt of Owner's comments and instructions.
- B. Engineer's services under the Final Design Phase will be considered complete on the date when Engineer has delivered to Owner the final Drawings and Specifications, other assembled Construction Contract Documents, bidding-related documents (or requests for proposals or other construction procurement documents), and any other Final Design Phase deliverables.
- C. In the event that the Work designed or specified by Engineer is to be performed or furnished under more than one prime contract, or if Engineer's services are to be separately sequenced with the work of one or more prime Contractors (such as in the case of fast-tracking), Owner and Engineer shall, prior to commencement of the Final Design Phase, develop a schedule for performance of Engineer's services during the Final Design, Bidding or Negotiating, Construction, and Post-Construction Phases in order to sequence and coordinate properly such services as are applicable to the work under such separate prime contracts. This schedule is to be prepared and included in or become an amendment to Exhibit A whether or not the work under such contracts is to proceed concurrently.
- D. The number of prime contracts for Work designed or specified by Engineer upon which the Engineer's compensation has been established under this Agreement is one (1). If more prime contracts are awarded, Engineer shall be entitled to an equitable increase in its compensation under this Agreement.

A1.04 *Bidding or Negotiating Phase*

- A. After acceptance by Owner of the final Drawings and Specifications, other Construction Contract Documents, bidding-related documents (or requests for proposals or other construction procurement documents), and the most recent opinion of probable Construction Cost as determined in the Final Design Phase, and upon written authorization by Owner to proceed, Engineer shall:

1. Assist Owner in advertising for and obtaining bids or proposals for the Work, assist Owner in issuing assembled design, contract, and bidding-related documents (or requests for proposals or other construction procurement documents) to prospective contractors, and, where applicable, maintain a record of prospective contractors to which documents have been issued, attend pre-bid conferences, if any, and receive and process contractor deposits or charges for the issued documents.
 2. Prepare and issue Addenda as appropriate to clarify, correct, or change the issued documents.
 3. Provide information or assistance needed by Owner in the course of any review of proposals or negotiations with prospective contractors.
 4. Consult with Owner as to the qualifications of prospective contractors.
 5. Consult with Owner as to the qualifications of subcontractors, suppliers, and other individuals and entities proposed by prospective contractors, for those portions of the Work as to which review of qualifications is required by the issued documents.
 6. If the issued documents require, the Engineer shall evaluate and determine the acceptability of "or equals" and substitute materials and equipment proposed by prospective contractors, provided that such proposals are allowed by the bidding-related documents (or requests for proposals or other construction procurement documents) prior to award of contracts for the Work. Services under this paragraph are subject to the provisions of Paragraph A2.02.A.2 of this Exhibit A.
 7. Attend the bid opening, prepare bid tabulation sheets to meet Owner's schedule, and assist Owner in evaluating bids or proposals, assembling final contracts for the Work for execution by Owner and Contractor, and in issuing notices of award of such contracts.
 8. If Owner engages in negotiations with bidders or proposers, assist Owner with respect to technical and engineering issues that arise during the negotiations.
 9. Perform or provide the following other Bidding or Negotiating Phase tasks or deliverables: N/A
- B. The Bidding or Negotiating Phase will be considered complete upon commencement of the Construction Phase or upon cessation of negotiations with prospective contractors (except as may be required if Exhibit F is a part of this Agreement).

A1.05 Construction Phase – **SECTION DELETED**

PART 2 – ADDITIONAL SERVICES

A2.01 *Additional Services Requiring Owner's Written Authorization*

- A. If authorized in writing by Owner, Engineer shall provide Additional Services of the types listed below. These services are not included as part of Basic Services and will be paid for by Owner as indicated in Exhibit C.

1. Preparation of applications and supporting documents (in addition to those furnished under Basic Services) for private or governmental grants, loans, or advances in connection with the Project; preparation or review of environmental assessments and impact statements; review and evaluation of the effects on the design requirements for the Project of any such statements and documents prepared by others; and assistance in obtaining approvals of authorities having jurisdiction over the anticipated environmental impact of the Project.
2. Services to make measured drawings of existing conditions or facilities, to conduct tests or investigations of existing conditions or facilities, or to verify the accuracy of drawings or other information furnished by Owner or others.
3. Services resulting from significant changes in the scope, extent, or character of the portions of the Project designed or specified by Engineer, or the Project's design requirements, including, but not limited to, changes in size, complexity, Owner's schedule, character of construction, or method of financing; and revising previously accepted studies, reports, Drawings, Specifications, or Construction Contract Documents when such revisions are required by changes in Laws and Regulations enacted subsequent to the Effective Date or are due to any other causes beyond Engineer's control.
4. Services required as a result of Owner's providing incomplete or incorrect Project information to Engineer.
5. Providing renderings or models for Owner's use, including services in support of building information modeling or civil integrated management.
6. Undertaking investigations and studies including, but not limited to:
 - a. detailed consideration of operations, maintenance, and overhead expenses;
 - b. the preparation of feasibility studies (such as those that include projections of output capacity, utility project rates, project market demand, or project revenues) and cash flow analyses, provided that such services are based on the engineering and technical aspects of the Project, and do not include rendering advice regarding municipal financial products or the issuance of municipal securities;
 - c. preparation of appraisals;
 - d. evaluating processes available for licensing, and assisting Owner in obtaining process licensing;
 - e. detailed quantity surveys of materials, equipment, and labor; and
 - f. audits or inventories required in connection with construction performed or furnished by Owner.
7. Furnishing services of Consultants for other than Basic Services.

8. Providing data or services of the types described in Exhibit B, when Owner retains Engineer to provide such data or services instead of Owner furnishing the same.
9. Providing the following services:
 - a. Services attributable to more prime construction contracts than specified in Paragraph A1.03.D.
 - b. Services to arrange for performance of construction services for Owner by contractors other than the principal prime Contractor, and administering Owner's contract for such services.
10. Services during out-of-town travel required of Engineer, other than for visits to the Site or Owner's office as required in Basic Services (Part 1 of Exhibit A).
11. Preparing for, coordinating with, participating in and responding to structured independent review processes, including, but not limited to, construction management, cost estimating, project peer review, value engineering, and constructibility review requested by Owner; and performing or furnishing services required to revise studies, reports, Drawings, Specifications, or other documents as a result of such review processes.
12. Preparing additional bidding-related documents (or requests for proposals or other construction procurement documents) or Construction Contract Documents for alternate bids or cost estimates requested by Owner for the Work or a portion thereof.
13. Assistance in connection with bid protests, rebidding, or renegotiating contracts for construction, materials, equipment, or services, except when such assistance is required to complete services required by Paragraph 5.02.A and Exhibit F.
14. Preparing conformed Construction Contract Documents that incorporate and integrate the content of all Addenda and any amendments negotiated by Owner and Contractor.
15. Providing Construction Phase services beyond the original date for completion and readiness for final payment of Contractor, but only if such services increase the total quantity of services to be performed in the Construction Phase, rather than merely shifting performance of such services to a later date.
16. Preparing Record Drawings, and furnishing such Record Drawings to Owner.
17. Supplementing Record Drawings with information regarding the completed Project, Site, and immediately adjacent areas obtained from field observations, Owner, utility companies, and other reliable sources.
18. Conducting surveys, investigations, and field measurements to verify the accuracy of Record Drawing content obtained from Contractor, Owner, utility companies, and other sources; revise and supplement Record Drawings as needed.
19. Preparation of operation, maintenance, and staffing manuals.

Exhibit A – Engineer's Services

EJCDC® E-500, Agreement Between Owner and Engineer for Professional Services.

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20. Protracted or extensive assistance in refining and adjusting of Project equipment and systems (such as initial startup, testing, and balancing).
21. Assistance to Owner in training Owner's staff to operate and maintain Project equipment and systems.
22. Assistance to Owner in developing systems and procedures for (a) control of the operation and maintenance of Project equipment and systems, and (b) related recordkeeping.
23. Preparing to serve or serving as a consultant or witness for Owner in any litigation, arbitration, lien or bond claim, or other legal or administrative proceeding involving the Project.
24. Overtime work requiring higher than regular rates.
25. Providing construction surveys and staking to enable Contractor to perform its work other than as required under Paragraph A1.05.A.8; any type of property surveys or related engineering services needed for the transfer of interests in real property; and providing other special field surveys.
26. Providing more extensive services required to enable Engineer to issue notices or certifications requested by Owner.
27. Extensive services required during any correction period, or with respect to monitoring Contractor's compliance with warranties and guarantees called for in the Construction Contract (except as agreed to under Basic Services).
28. Other additional services performed or furnished by Engineer not otherwise provided for in this Agreement.

A2.02 Additional Services Not Requiring Owner's Written Authorization

- A. Engineer shall advise Owner that Engineer is commencing to perform or furnish the Additional Services of the types listed below. For such Additional Services, Engineer need not request or obtain specific advance written authorization from Owner. Engineer shall cease performing or furnishing such Additional Services upon receipt of written notice to cease from Owner.
 1. Services in connection with Work Change Directives and Change Orders to reflect changes requested by Owner.
 2. Services in making revisions to Drawings and Specifications occasioned by the acceptance of substitute materials or equipment other than "or equal" items; services after the award of the Construction Contract in evaluating and determining the acceptability of a proposed "or equal" or substitution which is found to be inappropriate for the Project; evaluation and determination of an excessive number of proposed "or equals" or substitutions, whether proposed before or after award of the Construction Contract.

3. Services resulting from significant delays, changes, or price increases occurring as a direct or indirect result of materials, equipment, or energy shortages.
4. Additional or extended services arising from (a) the presence at the Site of any Constituent of Concern or items of historical or cultural significance, (b) emergencies or acts of God endangering the Work, (c) damage to the Work by fire or other causes during construction, (d) a significant amount of defective, neglected, or delayed Work, (e) acceleration of the progress schedule involving services beyond normal working hours, or (f) default by Contractor.
5. Services (other than Basic Services during the Post-Construction Phase) in connection with any partial utilization of the Work by Owner prior to Substantial Completion.
6. Evaluating unreasonable or frivolous requests for interpretation or information (RFIs), Change Proposals, or other demands from Contractor or others in connection with the Work, or an excessive number of RFIs, Change Proposals, or demands.
7. Reviewing a Shop Drawing or other Contractor submittal more than three times, as a result of repeated inadequate submissions by Contractor.
8. While at the Site, compliance by Engineer and its staff with those terms of Owner's or Contractor's safety program provided to Engineer subsequent to the Effective Date that exceed those normally required of engineering personnel by federal, State, or local safety authorities for similar construction sites.

This is **EXHIBIT B**, consisting of 3 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated February 20, 2018.

Owner's Responsibilities

Article 2 of the Agreement is supplemented to include the following agreement of the parties.

B2.01 In addition to other responsibilities of Owner as set forth in this Agreement, Owner shall at its expense:

- A. Provide Engineer with all criteria and full information as to Owner's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility, and expandability, and any budgetary limitations.
- B. Give instructions to Engineer regarding Owner's procurement of construction services (including instructions regarding advertisements for bids, instructions to bidders, and requests for proposals, as applicable), Owner's construction contract practices and requirements, insurance and bonding requirements, electronic transmittals during construction, and other information necessary for the finalization of Owner's bidding-related documents (or requests for proposals or other construction procurement documents), and Construction Contract Documents. Furnish copies (or give specific directions requesting Engineer to use copies already in Engineer's possession) of all design and construction standards, Owner's standard forms, general conditions (if other than EJCDC® C-700, Standard General Conditions of the Construction Contract, 2013 Edition), supplementary conditions, text, and related documents and content for Engineer to include in the draft bidding-related documents (or requests for proposals or other construction procurement documents), and draft Construction Contract Documents, when applicable. Owner shall have responsibility for the final content of (1) such bidding-related documents (or requests for proposals or other construction procurement documents), and (2) those portions of any Construction Contract other than the design (as set forth in the Drawings, Specifications, or otherwise), and other engineering or technical matters; and Owner shall seek the advice of Owner's legal counsel, risk managers, and insurance advisors with respect to the drafting and content of such documents.
- C. Furnish to Engineer any other available information pertinent to the Project including reports and data relative to previous designs, construction, or investigation at or adjacent to the Site.
- D. Following Engineer's assessment of initially-available Project information and data and upon Engineer's request, obtain, furnish, or otherwise make available (if necessary through title searches, or retention of specialists or consultants) such additional Project-related information and data as is reasonably required to enable Engineer to complete its Basic and Additional Services. Such additional information or data would generally include the following:
 - 1. Property descriptions.
 - 2. Zoning, deed, and other land use restrictions.

3. Utility and topographic mapping and surveys.
 4. Property, boundary, easement, right-of-way, and other special surveys or data, including establishing relevant reference points.
 5. Explorations and tests of subsurface conditions at or adjacent to the Site; geotechnical reports and investigations; drawings of physical conditions relating to existing surface or subsurface structures at the Site; hydrographic surveys, laboratory tests and inspections of samples, materials, and equipment; with appropriate professional interpretation of such information or data.
 6. Environmental assessments, audits, investigations, and impact statements, and other relevant environmental, historical, or cultural studies relevant to the Project, the Site, and adjacent areas.
 7. Data or consultations as required for the Project but not otherwise identified in this Agreement.
- E. Arrange for safe access to and make all provisions for Engineer to enter upon public and private property as required for Engineer to perform services under the Agreement.
- F. Recognizing and acknowledging that Engineer's services and expertise do not include the following services, provide, as required for the Project:
1. Accounting, bond and financial advisory (including, if applicable, "municipal advisor" services as described in Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) and the municipal advisor registration rules issued by the Securities and Exchange Commission), independent cost estimating, and insurance counseling services.
 2. Legal services with regard to issues pertaining to the Project as Owner requires, Contractor raises, or Engineer reasonably requests.
 3. Such auditing services as Owner requires to ascertain how or for what purpose Contractor has used the money paid.
- G. Provide the services of an independent testing laboratory to perform all inspections, tests, and approvals of samples, materials, and equipment required by the Construction Contract Documents (other than those required to be furnished or arranged by Contractor), or to evaluate the performance of materials, equipment, and facilities of Owner, prior to their incorporation into the Work with appropriate professional interpretation thereof. Provide Engineer with the findings and reports generated by testing laboratories, including findings and reports obtained from or through Contractor.
- H. Provide reviews, approvals, and permits from all governmental authorities having jurisdiction to approve all phases of the Project designed or specified by Engineer and such reviews, approvals, and consents from others as may be necessary for completion of each phase of the Project.

- I. Advise Engineer of the identity and scope of services of any independent consultants employed by Owner to perform or furnish services in regard to the Project, including, but not limited to, cost estimating, project peer review, value engineering, and constructibility review.
- J. If Owner designates a construction manager or an individual or entity other than, or in addition to, Engineer to represent Owner at the Site, define and set forth as an attachment to this Exhibit B the duties, responsibilities, and limitations of authority of such other party and the relation thereof to the duties, responsibilities, and authority of Engineer.
- K. If more than one prime contract is to be awarded for the Work designed or specified by Engineer, then designate a person or entity to have authority and responsibility for coordinating the activities among the various prime Contractors, and define and set forth the duties, responsibilities, and limitations of authority of such individual or entity and the relation thereof to the duties, responsibilities, and authority of Engineer as an attachment to this Exhibit B that is to be mutually agreed upon and made a part of this Agreement before such services begin.
- L. Inform Engineer in writing of any specific requirements of safety or security programs that are applicable to Engineer, as a visitor to the Site.
- M. Examine all alternative solutions, studies, reports, sketches, Drawings, Specifications, proposals, and other documents presented by Engineer (including obtaining advice of an attorney, risk manager, insurance counselor, financial/municipal advisor, and other advisors or consultants as Owner deems appropriate with respect to such examination) and render in writing timely decisions pertaining thereto.
- N. Inform Engineer regarding any need for assistance in evaluating the possible use of Project Strategies, Technologies, and Techniques, as defined in Exhibit A.
- O. Advise Engineer as to whether Engineer's assistance is requested in identifying opportunities for enhancing the sustainability of the Project.
- P. Place and pay for advertisement for Bids in appropriate publications.
- Q. Furnish to Engineer data as to Owner's anticipated costs for services to be provided by others (including, but not limited to, accounting, bond and financial, independent cost estimating, insurance counseling, and legal advice) for Owner so that Engineer may assist Owner in collating the various cost categories which comprise Total Project Costs.
- R. Attend and participate in the pre-bid conference, bid opening, pre-construction conferences, construction progress and other job related meetings, and Site visits to determine Substantial Completion and readiness of the completed Work for final payment.
- S. Authorize Engineer to provide Additional Services as set forth in Part 2 of Exhibit A of the Agreement, as required.
- T. Perform or provide the following: N/A

Exhibit B – Owner's Responsibilities

EJCDC® E-500, Agreement Between Owner and Engineer for Professional Services.

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This is **EXHIBIT C**, consisting of 7 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated February 20, 2018.

Payments to Engineer for Services and Reimbursable Expenses
COMPENSATION PACKET BC-3: Basic Services – Percentage of Construction Cost

Article 2 of the Agreement is supplemented to include the following agreement of the parties:

ARTICLE 2 – OWNER’S RESPONSIBILITIES

C2.01 Compensation for Basic Services (other than Resident Project Representative) – Percentage of Construction Cost Method of Payment

- A. Owner shall pay Engineer for Basic Services set forth in Exhibit A, except for services in Part 1 Section A1.01 Environmental Review and Evaluation Phase, as follows:
1. *General:* An amount equal to nine (9) percent of the Construction Cost. This amount includes compensation for Engineer’s Services and services of Engineer’s Consultants, if any. The percentage of Construction Cost noted herein accounts for labor, overhead, profit, and expenses (other than any expressly allowed Reimbursable Expenses).
 2. As a basis for payment to Engineer, Construction Cost will be based on one or more of the following determinations with precedence in the order listed for Work designed or specified by Engineer:
 - a. For Work designed or specified and incorporated in the completed Project, the actual final price of the Construction Contract(s), as duly adjusted by Change Orders.
 - b. For Work designed or specified but not constructed, the lowest bona fide Bid received from a qualified bidder for such Work; or, if the Work is not bid, the lowest bona fide negotiated proposal for such Work.
 - c. For Work designed or specified but not constructed upon which no such Bid or proposal is received, Engineer’s most recent opinion of probable Construction Cost.
 - d. Labor furnished by Owner for the Project will be included in the Construction Cost at current market rates including a reasonable allowance for overhead and profit. Materials and equipment furnished by Owner will be included at current market prices.
 - e. For purposes of determining Construction Cost under this provision, no deduction is to be made from Construction Contract pricing on account of any penalty, liquidated damages, or other amounts withheld from payments to Contractor(s).
 3. *Reimbursable Expenses:* In addition to the Percentage of Construction Cost, Engineer is also entitled to reimbursement from Owner for the following Reimbursable Expenses:
NONE

4. *Progress Payments:*

- a. The portion of the amounts billed for Engineer's services that is on account of the Percentage of Construction Cost will be based upon Engineer's estimate of the percentage of the total services actually completed during the billing period. If any Reimbursable Expenses are expressly allowed, Engineer may also bill for any such Reimbursable Expenses incurred during the billing period.
- b. Upon conclusion of each phase of Basic Services, Owner shall pay such additional amount, if any, as may be necessary to bring total compensation paid during such phase on account of the percentage of Construction Cost to the following estimated percentages of total compensation payable on account of the percentage of Construction Cost for all phases of Basic Services:

Preliminary Design Phase	30%
Final Design Phase	60%
Bidding or Negotiating Phase	10%
	100%

- c. Engineer may alter the distribution of compensation between individual phases of the work noted herein to be consistent with services actually rendered, but shall not exceed the total estimated compensation amount unless approved in writing by Owner.

- B. Owner shall pay Engineer for services in Part 1 Section A1.01 Environmental Review and Evaluation Phase using a time and materials fee with a not to exceed cost of **\$29,500.00.** This cost does not include an updated archaeological survey or noise study. Should MDAH require an updated archaeological survey, SDW, Inc. can provide a cost estimate for those services based on specific requirements only available at that time. Should a noise study be required to accompany the EA as indicated preliminarily by MDOT, SDW, Inc. can complete the task for an additional lump sum fee of **\$16,000.00.**

**COMPENSATION PACKET RPR-2:
Resident Project Representative – Section Deleted**

**COMPENSATION PACKET AS-1:
Additional Services – Standard Hourly Rates**

Article 2 of the Agreement is supplemented to include the following agreement of the parties:

C2.05 Compensation for Additional Services – Standard Hourly Rates Method of Payment

- A. Owner shall pay Engineer for Additional Services, if any, as follows:
1. *General:* For services of Engineer's personnel engaged directly on the Project pursuant to Paragraph A2.01 or A2.02 of Exhibit A, except for services as a consultant or witness under Paragraph A2.01.A.20, (which if needed shall be separately negotiated based on the nature of the required consultation or testimony) an amount equal to the cumulative hours charged to the Project by each class of Engineer's personnel times Standard Hourly Rates for each applicable billing class for all Additional Services performed on the Project, plus related Reimbursable Expenses and Engineer's Consultant's charges, if any.
- B. *Compensation For Reimbursable Expenses:*
1. For those Reimbursable Expenses that are not accounted for in the compensation for Basic Services under Paragraph C2.01 and are directly related to the provision of Additional Services, Owner shall pay Engineer as mutually agreed upon by both parties.
 2. The amounts payable to Engineer for Reimbursable Expenses, if any, will be the Additional Services-related internal expenses actually incurred or allocated by Engineer, plus all invoiced external Reimbursable Expenses allocable to such Additional Services, the latter multiplied by a factor of 1.1.
 3. The Reimbursable Expenses Schedule will be adjusted annually (as of January 1, 2019) to reflect equitable changes in the compensation payable to Engineer.
- C. *Other Provisions Concerning Payment for Additional Services:*
1. Whenever Engineer is entitled to compensation for the charges of Engineer's Consultants, those charges shall be the amounts billed by Engineer's Consultants to Engineer times a factor of 1.1.
 2. *Factors:* The external Reimbursable Expenses and Engineer's Consultant's Factors include Engineer's overhead and profit associated with Engineer's responsibility for the administration of such services and costs.
 3. To the extent necessary to verify Engineer's charges and upon Owner's timely request, Engineer shall make copies of such records available to Owner at cost.

This is **Appendix 2 to EXHIBIT C**, consisting of **1** pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated February 20, 2018.

Standard Hourly Rates Schedule - 2018

A. Standard Hourly Rates:

1. Standard Hourly Rates are set forth in this Appendix 2 to this Exhibit C and include salaries and wages paid to personnel in each billing class plus the cost of customary and statutory benefits, general and administrative overhead, non-project operating costs, and operating margin or profit.
2. The Standard Hourly Rates apply only as specified in Article C2.

B. Schedule:

Hourly rates for services performed on or after the date of the Agreement are:

Senior Engineer	\$175/hour
Project Engineer	\$150/hour
Junior Engineer	\$125/hour
Engineering Intern	\$105/hour
Graduate Engineer	\$105/hour
Senior AutoCad Technician	\$105/hour
AutoCad Technician	\$90/hour
Senior Resident Project Representative	\$95/hour
Resident Project Representative	\$85/hour
Field Crew	\$175/hour
Administrative	\$45/hour

This is **EXHIBIT G**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated February 20, 2018.

Insurance

Paragraph 6.05 of the Agreement is supplemented to include the following agreement of the parties:

G6.05 Insurance

A. The limits of liability for the insurance required by Paragraph 6.05.A and 6.05.B of the Agreement are as follows:

1. By Engineer:

- a. Workers' Compensation: Statutory
- b. Employer's Liability --
 - 1) Bodily injury, each accident: \$100,000
 - 2) Bodily injury by disease, each employee: \$100,000
 - 3) Bodily injury/disease, aggregate: \$500,000
- c. General Liability --
 - 1) Each Occurrence (Bodily Injury and Property Damage): \$1,000,000
 - 2) General Aggregate: \$2,000,000
- d. Excess or Umbrella Liability --
 - 1) Per Occurrence: \$2,000,000
 - 2) General Aggregate:
- e. Automobile Liability --Combined Single Limit (Bodily Injury and Property Damage):
\$1,000,000
- f. Professional Liability --
 - 1) Each Claim Made \$1,000,000
 - 2) Annual Aggregate \$1,000,000
- g. Other (specify): N/A

B. Additional Insureds:

1. The following individuals or entities are to be listed on Owner's general liability policies of insurance as additional insureds:
 - a. Shows, Dearman and Waits, Inc.
Engineer
 - b. N/A
Engineer's Consultant
 - c. N/A
Engineer's Consultant
 - d. N/A
[other]
2. During the term of this Agreement the Engineer shall notify Owner of any other Consultant to be listed as an additional insured on Owner's general liability policies of insurance.
3. The Owner shall be listed on Engineer's general liability policy as provided in Paragraph 6.05.A.

This is **EXHIBIT I**, consisting of 1 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated February 20, 2018.

Limitations of Liability

A. Section Deleted



City of Hattiesburg, MS

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

Master

File Number: 2018-228

File ID: 2018-228

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 02/12/2018

Brief Title: Agreement for Sewer Treatment with Grand Magnolia Properties, LLC

Final Action: 02/20/2018

Minute Book Number: MB2018-41

Title:

Authorize Mayor to execute Agreement for Sewer Treatment in duplicate with Grand Magnolia Properties, LLC (f/k/a Sims Properties, LLC).

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-10

Sponsors:

Enactment Date:

Attachments: Grand Magnolia Properties LLC Agreement 2018.1, executed Grand Magnolia Properties LLC Agreement 2018.1

Enactment Number:

Contact:

Meeting Date: 02/20/2018

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	02/20/2018	Authorize				Pass
Action Text: A MOTION was made by Council Member George and seconded by Council Vice President Dryden to Authorize Mayor to execute Agreement for Sewer Treatment in duplicate with Grand Magnolia Properties, LLC (a/k/a Sims Properties, LLC).							
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 2018-228

Title

Authorize Mayor to execute Agreement for Sewer Treatment in duplicate with Grand Magnolia Properties, LLC (f/k/a Sims Properties, LLC).

Summary

Authorize Mayor to execute Agreement for Sewer Treatment with Grand Magnolia Properties, LLC (f/k/a Sims Properties, LLC).

AGREEMENT for SEWER TREATMENT

THIS AGREEMENT, entered into on the day and date hereinafter provided by and between the **CITY OF HATTIESBURG, MISSISSIPPI**, a municipal corporation hereinafter referred to as “Hattiesburg” or “the City,” and **Grand Magnolia Properties, LLC (f/k/a Sims Properties, LLC)**, hereinafter referred to as “Utility Company” for the purpose of setting forth the terms, conditions and covenants under and consistent with which Hattiesburg will receive Domestic Wastewater flow from Utility Company into Hattiesburg’s wastewater collection system and treatment facility, and to provide for payment of Hattiesburg’s conveyance and treatment charges.

ARTICLE I

Definitions

Section 1.01. **DEFINITIONS OF TERMS.** Terms and expressions used in this Agreement, including the preamble hereof, shall have the meaning set forth in this Article:

- (a) “*Calendar year*” means the twelve (12) month period beginning January 1 of each year.
- (b) “*Connection*” means one unit or one single occupied dwelling per building (e.g., duplex with two dwellings has two connections, and a building with ten individual units has ten connections).
- (c) “*Domestic wastewater*” means liquid and water-carried waste discharge from sanitary conveniences of dwellings, business buildings, institutions and the like, as distinct from wastes in industrial waste.
- (d) “*Exceedance*” means excess flow based on allowable capacity.
- (e) “*Hattiesburg*” means the City of Hattiesburg, Mississippi, a municipal corporation.
- (f) “*Industrial waste*” means the liquid and water born wastes from industrial processes as distinct from wastes in Domestic Wastewater.
- (g) “*Month*” means calendar month.

- (h) “*Operation and maintenance expense*” means the current expense paid or accrued in the operation, maintenance, and ordinary repair of the wastewater treatment facility and wastewater collection system of Hattiesburg (including, but not limited to the North and South lagoons) and shall include, without limitation on the generality of the foregoing, capital expenditures, indebtedness, insurance premiums and administrative expenses of Hattiesburg and such other reasonable and necessary current expenses relating to the wastewater treatment facility and wastewater collection system, as defined in paragraph B of Chapter 21, Section 30, of Hattiesburg’s Code of Ordinances (Ordinance No. 3167, as adopted by the City Council on Sept. 14, 2015), a copy of which is attached hereto and made a part hereof, and as shall be in accordance with sound accounting practices.
- (i) “*Person*” means and includes the state of Mississippi, a public agency as defined herein, or any municipal entity, town, or political subdivision of any governmental agency of the State of Mississippi or the United States of America, or any individual, co-partnership, association, firm, trust, State, or any other entity whatsoever.
- (j) “*Point of entry*” means the point at which wastewater enters Hattiesburg’s wastewater collection system.
- (k) “*Wastewater*” means Domestic Wastewater.
- (l) “*Wastewater collection system*” means the array of wastewater pipes, manholes, and pump stations which function to transport wastewater from service sources to a wastewater treatment facility.
- (m) “*Wastewater treatment facility*” means the facility of Hattiesburg for treatment and disposal of wastewater, situated in Forrest County, Mississippi, as such facility now exists and as it may be hereinafter improved, enlarged, and/or expanded by Hattiesburg.

ARTICLE II

Scope of the Agreement

Section 2.01. RESPONSIBILITIES OF THE PARTIES.

- 1) Hattiesburg agrees to accept and treat all volumes of wastewater delivered by and from the Utility Company.

- 2) Upon final completion of the construction of any needed improvements, Utility Company would own, operate, and maintain that portion of the System which lies upstream of the point of wastewater entry to the Municipality.
- 3) Upon final completion of the construction of any needed improvements, Hattiesburg would own, operate, and maintain that portion of the sewer system at the point of wastewater entry to the Municipality and the downstream lines connecting thereto, not including the metering station, which will be owned, operated, and maintained by Utility Company, as provided in Section 3.05, below.

Section 2.02. EXISTING FACILITIES. Utility Company will provide to the City the total number of existing individual connections which are connected to Utility Company's system and facilities as of the date this Agreement is entered into and executed by the Parties to this Agreement – City and Utility Company. The system inspection required under section 2.03 is to be performed at the time of the execution and signing of this Agreement if possible, but not in any case more than six (6) months thereafter. The Utility Company's total number of existing connections shall be provided to the City in the form of a written report signed by a licensed, professional engineer. It is agreed by the parties that the existing facilities have sufficient capacity for the proper transport and treatment of the proposed wastewater to be received by Hattiesburg. If, however, a transmission line, an interceptor, or other directly affected facilities of Hattiesburg should become inadequate, in the opinion of the City Engineer of Hattiesburg, to properly transport or treat the flow of wastewater from the Utility Company, then upon fifteen (15) days' written notification from the Hattiesburg, Utility Company shall refrain from further increasing the flow of wastewater into Hattiesburg's system and, if necessary, shall take reasonable and appropriate steps to reduce such flow to a level deemed appropriate by the City Engineer of Hattiesburg. Hattiesburg will then promptly proceed to repair, replace, or enlarge its facilities such that Utility Company may, upon completion of the repairs, resume full and unrestricted flow to Hattiesburg. Failure of Utility Company to respond to such notice within fifteen (15) days shall be grounds for immediate suspension of service by Hattiesburg until it responds to the notice.

Section 2.03. SYSTEM INSPECTION. An initial system inspection – including a determination of the total number of Utility Company's connections – is required to be performed at the time of the execution and signing of this Agreement if possible, but not in any case more than six (6) months thereafter. The Utility Company's total number of existing connections will be in writing and signed by a professional engineer. Thereafter, Utility Company will perform an inspection of its existing system and facilities every five (5) years, unless requested more frequently by the City, and report to Hattiesburg in writing the number of its total connections. This report shall be approved and signed by a licensed, professional engineer.

Section 2.04. REPAIR OR REPLACEMENT OF FACILITIES. If a transmission line, an interceptor, or other facility transporting the wastewater flow from Utility Company, in the opinion of the Hattiesburg City Engineer, required repair or replacement, Utility Company will participate in the cost of such improvement by paying a proportionate share to construct such improvements. Upon proper and timely notice, Utility Company will pay to Hattiesburg a sum of money equal to the product of the cost of the improvement times the percentage of flow contributed to the improved segment or facility by Utility Company during the preceding fiscal year. Utility Company's cost share previously described will be due within thirty (30) days of the award of the construction contract for such improvements. Utility Company shall participate in, and concur with, the design and construction practices of the changes or improvements to the facilities that require cost participation by Utility Company.

Section 2.05. CAPACITY ANALYSIS. The City will establish the capacity of the collection system downstream of Utility Company and communicate the capacity in writing to Utility Company which is hereby incorporated into this contract as if fully set forth, herein. The City has the discretion to bill the expense of such capacity studies directly to Utility Company. The Utility Company shall operate and maintain the sewer collection system of the Utility Company such that Infiltration and Inflow are minimized. The Utility Company agrees to diligently pursue reductions in Inflow and Infiltration within the wastewater collection and transmission system operated and maintained by the Utility Company, as well as any parties contributing waste water to the Utility Company's system. The Utility Company will comply with all sanitary sewer overflow rules set forth by the MDEQ, the EPA, and any other governmental body having legal authority to set standards sewer collection and transmission systems of similar size and character

Section 2.06. EXCEEDANCE OF CAPACITY. In the event Utility Company is in exceedance of capacity, Hattiesburg will issue a notice of violation for any and all violations of capacity, and the City may within its discretion terminate this Agreement for noncompliance and material breach under Article VII and/or require the Utility Company to provide a proposed, corrective action plan to be approved by Hattiesburg which will include an infiltration and inflow study (NASCO standards) and a detailed plan of corrective action the Utility Company will take, including the manner of corrective action, the deadline by which the corrective action will be completed, and the cost of the corrective action.

ARTICLE III

Discharge of Wastewater, Title, and Metering

Section 3.01. **DISCHARGE.** Utility Company shall have permission to discharge Domestic Wastewater into Hattiesburg's wastewater collection system from Utility Company's certificated sewer service area, as described by legal description and aerial plot in attached exhibit(s). The number of service connections shall be limited to the proposed number of lots and/or units indicated in the attached exhibit.

Section 3.02. **POINT OF ENTRY.** Utility Company shall discharge its Domestic Wastewater through a municipally maintained point or points of entry designated by Hattiesburg. Hattiesburg hereby designates the following as the Point of Entry, to which Utility Company agrees:

Existing gravity line collector along Lincoln Road Extension south of Lincoln Road and Sandy Run Road Intersection. Manhole # F866.

Section 3.03. **CONVEYANCE TO POINT OF ENTRY.** It shall be the sole responsibility of Utility Company, including any liability incurred in connection therewith, to convey such wastewater to the Point of Entry, as specifically defined and agreed to in Section 2.02, through Utility Company's disposal system to Hattiesburg's wastewater collection system. Utility Company shall have sole construction and maintenance responsibility for the sewer pipe and facilities running and existing between Utility Company's certificated sewer service area, as defined in attached exhibit(s), and the Point of Entry, as specifically defined and agreed to in Section 2.02. Hattiesburg reserves the right to inspect Utility Company's disposal system for irregularities that could result in inadmissible discharges into Hattiesburg's system including inflow/infiltration, grease, and industrial waste. Hattiesburg shall have no maintenance responsibilities for Utility Company's sewer pipe and facilities. Hattiesburg shall be responsible for maintenance only at the Point of Entry, as defined in Section 2.02.

Section 3.04. **TITLE TO WASTEWATER AND RESPONSIBILITY THEREFORE.** Title to wastewater discharged hereunder shall remain in Utility Company until Point of Entry and, upon passing through Point of Entry, title thereto and all effluent therefrom shall pass to Hattiesburg. Utility Company agrees to save and hold harmless the City of Hattiesburg from all claims, demands, and causes of action which may be asserted by any person on account of the reception, transportation, delivery, and disposal of Domestic Wastewater while title thereto remains in or passes to Utility Company. Provided, however, that any administrative, non-routine, emergency, or other specific charge or assessment against Hattiesburg resulting from the operation of Utility Company's disposal system shall be deemed an expense of and charged to Utility Company regardless of whether title to the Domestic Wastewater giving rise to any such charge against Hattiesburg has vested in Hattiesburg; such charge shall be payable by Utility Company upon presentation of adequate cost and responsibility. Utility Company shall be advised of and have the right to contest any charge or assessment made by any charging agency. Nothing herein is intended or should be construed to indemnify or hold harmless either party for such party's own

negligence. This covenant is not made for the benefit of any third party. Hattiesburg takes responsibility as between the parties hereto for the proper reception and ultimate treatment and disposal of such wastewater received by it at Point of Entry; provided, however, that the wastewater meets applicable Federal and State standards and restrictions.

The parties understand and agree that the sewer pipe and facilities running and existing between Utility Company's certificated sewer service area, as defined in attached exhibit(s), and the Point of Entry, as defined in Section 2.02, is the exclusive property of Utility Company and neither Hattiesburg nor any third party shall have any right whatsoever to connect or tie into such pipe or facilities, nor any duty to maintain such pipe or facilities.

Section 3.05. **METERING.** At Point of Entry into Hattiesburg's wastewater collection system, the necessary equipment and device of standard type for measuring properly all of Utility Company's Domestic Wastewater shall be installed, operated and maintained by Utility Company. Such meter shall be an automatic meter reading (AMR) meter specified by the City to be compatible with the City's automated system and shall be the property of Utility Company. Hattiesburg and Utility Company shall have access to such metering equipment at all reasonable times for inspection and examination. Meters shall be calibrated annually at the end of the calendar year with certified calibration report submitted to the City for verification. If for any reason a meter is out of service or out for repair, or if, upon any test, accuracy of any meter is found to be inaccurate by ten percent (10%) or more, plus or minus, of the flow, registration thereof shall be corrected for a period of time extending back to the time when such inaccuracy began, if such a time is ascertainable, and if such a time is not ascertainable, then for a period extending back one-half (1/2) of the time elapsed since the date of the last calibration, but in no event further back than a period of six (6) months. The out of service or malfunctioning meter shall be repaired by the Utility Company within four weeks of detection of malfunction.

Section 4.06. **UNIT OF MEASUREMENT.** The unit of measurement for wastewater delivery hereunder shall be one thousand (1,000) gallons, U.S. Standard Liquid Measure.

ARTICLE IV

Comprehensive Sewer Use Provisions

Section 4.01. **ADMISSIBLE DISCHARGES.** Utility Company agrees that wastewater discharge from its system into Hattiesburg's wastewater collection system shall be of such quality that:

- (a) Effluent thereof shall not be in violation of and shall fully comply with Chapter 21, Section 24, of Hattiesburg's Code of Ordinances (Ordinance No. 3167, as adopted by the City Council on Sept. 14, 2015), a copy of which is attached hereto and made a part hereof; and
- (b) Effluent thereof meets the then current standards of the State Department of Environmental Quality and the United States Environmental Protection Agency and any other governmental body having a legal authority to set standards for such effluent, including those within any Order, Judgment, or Decree of any United States District Court or Mississippi Commission on Environmental Quality; and
- (c) Hattiesburg's wastewater treatment facility or wastewater collection system lines are not damaged to the extent to cause unnecessary repairs or replacement or increased operation and maintenance expenses.
- (d) Stormwater inflow or infiltration in any appreciable amount is not introduced into the effluent stream.

Section 4.02. **COMPREHENSIVE SEWER USE PROVISIONS.** Utility Company shall adopt, maintain and impose upon its users such rules and regulations as are necessary to ensure compliance with Section 3.01 to the same extent as would be imposed by Chapter 21 of Hattiesburg's Code of Ordinances (Ordinance No. 3167, as adopted by the City Council on Sept. 14, 2015), a copy of which is attached hereto and made a part hereof, if such a user were located within the jurisdiction of Hattiesburg.

Section 4.03. **INDUSTRIAL WASTE.** Utility Company shall not allow the discharge of any industrial waste into its sewer system without written consent of Hattiesburg. Before any such consent may be given, the industry shall file with Hattiesburg a statement showing the average analysis of the industrial waste it wishes to discharge. No consent for the discharge of industrial waste will be given by Hattiesburg if such waste does not pass through an inspection manhole located so as to be accessible at all times to inspectors of Hattiesburg and Utility Company. Utility Company shall ensure that its collection system is protected from illicit third party discharging, including industrial or septic tank discharges. If inspection indicates that damage may be resulting from the discharge, Utility Company shall be responsible to Hattiesburg for any such damages, payable immediately upon determination of the amount involved by the parties.

Section 4.04. **TESTING.** Utility Company shall allow Hattiesburg access to its system at any accessible point for purposes of taking samples of Utility Company's wastewater for analysis to ensure compliance with ARTICLE III of this agreement. The results of such analysis will be made available to Utility Company at its request.

ARTICLE V

Payments, Structure Limitations, and Annual Adjustments

Section 5.01 INITIATION FEE. If Utility Company does not already have a physical connection established to transmit effluent into City's facilities, the Utility Company will pay to the City of Hattiesburg a sum of \$10,000.00 upon execution of this Agreement for establishing a new connection between the City and Utility Company.

Section 5.02 CONNECTION FEES. Utility Company shall pay to the City of Hattiesburg a connection fee in the amount of three hundred dollars (\$300.00) per new individual customer connection to Utility Company, and said fee will be paid before said connection is connected to Utility Company's sewer collection line. For the purposes of this Section, a "new" connection is a connection established after this Agreement is entered into and executed by the Parties – City and Utility Company – and not counting existing connections under Section 2.02 of this Agreement.

Section 5.03 RATE. Utility Company shall pay to Hattiesburg for conveyance and treatment of its wastewater a rate per thousand gallons equal to double the current sewer rate set by Ordinance of the Mayor and Council of the City of Hattiesburg for those rate-payers within the corporate limits of the City of Hattiesburg. Rates will be adjusted annually in accordance with any rate changes that the City of Hattiesburg may impose on its customer base.

Section 5.04 CASH DEPOSIT OR PAYMENT BONDS. It is hereby agreed that upon entry into and signature of this Agreement, Utility Company will either submit to Hattiesburg a cash deposit, or post a payment bond through an approved surety company, which shall at a minimum be an amount equal to one year's worth of estimated payments made to Hattiesburg by the Utility Company. The cash deposit or bond will be based on the average flow and at the rate as agreed to in this Agreement, unless the City provides notice in writing of another, specific deposit or bond amount. The purpose of such deposits or payment bonds is in the event of triggering Section 5.05, below. The Utility Company will continue to pay Hattiesburg for ongoing sewer treatment following ninety (90) days of Utility Company's failure to make payments and during the time in which Utility Company provides an alternative method of sewer treatment following disconnection from the City of Hattiesburg's treatment facilities, unless the City provides notice in writing of another, specific time period.

Section 5.05 LATE PAYMENTS. Utility Company agrees that the invoice is due to be paid in full, within seven (7) days of receipt. If full payment is not made within thirty (30) days,

Hattiesburg will provide Utility Company written notice providing Utility Company fifteen (15) days within which Utility Company may come into compliance, or that otherwise, Hattiesburg may choose to seek all legal remedies available under the law to recover the outstanding debt to the City. Failure to make payment beyond ninety (90) days will result in the City's exercise of discretion to pursue any and all legal remedies available under the law against the Utility Company, including calling the Payment Bond provided for in Section 5.04, above, and seeking judicial intervention to disconnect Utility Company from the City of Hattiesburg's treatment facilities, which may require Utility Company to construct its own treatment facilities within a reasonable time, during which time Utility Company will continue to pay the City of Hattiesburg for sewer treatment until disconnected, such payments to be made within seven (7) days of receipt of invoice. If continued payment is not made to Utility Company, Hattiesburg may either utilize the cash deposit or call the Payment Bond provided for in Section 5.04, above, for the purposes of satisfying the Utility Company's continuing payments for ongoing sewer treatment. It is hereby specifically agreed that such available legal remedies referenced herein may also in the discretion of the City of Hattiesburg include utilizing the cash deposit and/or calling the Utility Company's Payment Bond. Utility Company's failure to make a timely payment shall entitle the City, either by this Agreement or through judicial action, to require bond be increased to a sufficient amount to make estimated payments for the length of time needed or required for the Utility Company to provide an alternative method of sewer treatment and to be disconnected from the City of Hattiesburg's treatment facilities, unless the City provides notice in writing of another, specific time period. The City retains the option to terminate this Agreement for noncompliance and material breach under Article VII.

ARTICLE VI

Effective Date, Term of Agreement, and Miss. Public Service Commission Approval

Section 6.01. **EFFECTIVE DATE.** This agreement shall become effective as of the **1st** day of **March, 2018**, and as of that date this Agreement shall constitute the sole and only Agreement between Hattiesburg and Utility Company as to matters contained herein.

Section 6.02. **TERM OF AGREEMENT.** This Agreement shall be in force and effect from the **1st** day of **March, 2018**, and shall continue in effect from year to year unless either party hereto shall give not less than six (6) months' notice in writing to the other that this Agreement shall no longer be in force and effect; however, in no instance shall this Agreement terminate earlier than the end of any calendar year.

Section 6.03. **CERTIFICATION.** Utility Company will be certified with the State of Mississippi Public Service Commission (MPSC) as a sewer utility for **Grand Magnolia Apartments** Subdivision/Development in **Lamar County** (MPSC I.D. No. _____). Subject to the approval of the MPSC, Utility Company will further have the authority to effect the application and collection of rates and other charges for sewer service to its customers located within its certificated area, consistent with the MPSC's response to an Application to Approve this Agreement and Related Tariff to be filed with the MPSC after execution of this Agreement by both parties with proper authority. Utility Company will maintain its Certificate (attached as an exhibit hereto), Tariffs, and will continue to collect all approved customer service fees. All fees due to the City of Hattiesburg will be paid by Utility Company on a monthly basis. The fees due to the City of Hattiesburg will be based on the flow meter reading, as provided in Section 2.05 as stated above.

ARTICLE VII

Miscellaneous Provisions

Section 7.01. **FORCE MAJEURE.** In case by reason of "Force Majeure," either party hereto shall be rendered unable wholly or in part to carry out its obligations under this agreement, then if such party shall give notice and full particulars of such "Force Majeure" in writing to the other party within a reasonable time after occurrence of the event or cause relied on, the obligation of the party giving such notice, so far as it is affected by "Force Majeure," shall be suspended during the continuance of the inability then claimed, but for no longer period, and any such party shall endeavor to remove or overcome such inability with all reasonable dispatch.

Section 7.02. **BREACH.** This Agreement may be terminated by either party for a material breach of the Agreement by the other party. In the event of termination under this provision, the party terminating shall give written notice by mail to the other party and termination shall be effective on the date specified, but no earlier than ninety (90) days from the date such written notice is received by the other party. In the event this Agreement is breached because Utility Company is in exceedance of capacity, under Section 2.06 of this Agreement, Hattiesburg will issue a notice of violation for any and all violations of capacity, and the City may within its discretion terminate this Agreement for noncompliance and material breach under Article VII and/or require the Utility Company to provide a proposed, corrective action plan to be approved by Hattiesburg which will include an infiltration and inflow study (NASCO standards) and a detailed plan of corrective action the Utility Company will take, including the manner of corrective action, the deadline by which the corrective action will be completed, and the cost of the corrective action. In case of termination, all obligations that are still executory on

both sides are discharged as of the effective date of the termination. However, rights based on prior breach or prior performance, the indemnification provisions, and the records retention provisions shall survive.

Section 7.03. **GOVERNING LAW AND VENUE.** This Agreement shall be construed under and in accordance with the laws of the State of Mississippi, and venue for any action at law or in equity shall be a court of competent jurisdiction in Forest County or Lamar County, Mississippi.

Section 7.04. **WAIVER.** No waiver or failure to insist on performance of a term or condition of this agreement shall be construed as a waiver of the term or condition absent a writing clearly stating that the condition is being waived. A written waiver shall be applicable only for the period or time stated and shall not be construed as a waiver of indefinite duration.

Section 7.05. **SEVERABILITY.** If any provision of this Agreement is held to be invalid, unenforceable, or unlawful by a court or tribunal of competent jurisdiction, then said provision will not operate to invalidate any other, remaining portion of this Agreement, which shall continue in force and effect but for said provision and shall be construed accordingly.

Section 7.06. **HEADINGS.** The headings used in this Agreement have been included solely for ease of reference and shall not be considered in the interpretation or construction of this Agreement.

Section 7.07. **AUTHORITY TO CONTRACT AND EXECUTE.** Each individual executing and signing this Agreement warrants and represents that he/she has been authorized to execute the Agreement on behalf of the parties to this Agreement.

Section 7.08. **AMENDMENTS AND MODIFICATION.** This Agreement may not be modified or amended absent the execution of a written instrument, signed by duly authorized officials and/or representatives of Utility Company and the City Council of Hattiesburg. amendments and modification to the agreement shall be effective as of the date set forth in the amendment or modification and shall not be retroactive

Section 7.09. **NOTICE.** Notices required or provided pursuant to the provisions of this Agreement shall be in writing and served either by personal delivery, mail, or fax to the parties as follows:

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

For Utility Company: P. O. Box 16749, Hattiesburg, MS 39404

Section 7.10. FURTHER ASSURANCES. The parties agree that each shall and will, upon reasonable request of the other, make, do, execute, or cause to be made, done, or executed, all such further and other lawful acts, deeds things, devices, and assurances whatsoever for the better or more perfect and absolute performance of the terms and conditions of the Agreement for the treatment of Utility Company's wastewater.

WITNESS THE SIGNATURES of the parties on duplicate originals, on this the ____ day of _____, A.D. _____

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI

City Clerk: Kermas Eaton

By: _____
Mayor: Toby Barker

ATTEST:

GRAND MAGNOLIA PROPERTIES, LLC

Witness:

By: 
Managing Member:

ATTACHMENTS:

- Aerial plot of certificated service area, including number of lots, units, or proposed flow
- Legal description of service area
- Order granting certificate of public convenience and necessity from Public Service Commission
- Ordinance No. 3167 – Chapter 21, Sections 1 through 49, of Hattiesburg's Code of Ordinances – as adopted by the City Council on Sept. 14, 2015

AGREEMENT for SEWER TREATMENT

THIS AGREEMENT, entered into on the day and date hereinafter provided by and between the **CITY OF HATTIESBURG, MISSISSIPPI**, a municipal corporation hereinafter referred to as “Hattiesburg” or “the City,” and **Grand Magnolia Properties, LLC (f/k/a Sims Properties, LLC)**, hereinafter referred to as “Utility Company” for the purpose of setting forth the terms, conditions and covenants under and consistent with which Hattiesburg will receive Domestic Wastewater flow from Utility Company into Hattiesburg’s wastewater collection system and treatment facility, and to provide for payment of Hattiesburg’s conveyance and treatment charges.

ARTICLE I

Definitions

Section 1.01. DEFINITIONS OF TERMS. Terms and expressions used in this Agreement, including the preamble hereof, shall have the meaning set forth in this Article:

- (a) “*Calendar year*” means the twelve (12) month period beginning January 1 of each year.
- (b) “*Connection*” means one unit or one single occupied dwelling per building (e.g., duplex with two dwellings has two connections, and a building with ten individual units has ten connections).
- (c) “*Domestic wastewater*” means liquid and water-carried waste discharge from sanitary conveniences of dwellings, business buildings, institutions and the like, as distinct from wastes in industrial waste.
- (d) “*Exceedance*” means excess flow based on allowable capacity.
- (e) “*Hattiesburg*” means the City of Hattiesburg, Mississippi, a municipal corporation.
- (f) “*Industrial waste*” means the liquid and water born wastes from industrial processes as distinct from wastes in Domestic Wastewater.
- (g) “*Month*” means calendar month.

- (h) *“Operation and maintenance expense”* means the current expense paid or accrued in the operation, maintenance, and ordinary repair of the wastewater treatment facility and wastewater collection system of Hattiesburg (including, but not limited to the North and South lagoons) and shall include, without limitation on the generality of the foregoing, capital expenditures, indebtedness, insurance premiums and administrative expenses of Hattiesburg and such other reasonable and necessary current expenses relating to the wastewater treatment facility and wastewater collection system, as defined in paragraph B of Chapter 21, Section 30, of Hattiesburg’s Code of Ordinances (Ordinance No. 3167, as adopted by the City Council on Sept. 14, 2015), a copy of which is attached hereto and made a part hereof, and as shall be in accordance with sound accounting practices.
- (i) *“Person”* means and includes the state of Mississippi, a public agency as defined herein, or any municipal entity, town, or political subdivision of any governmental agency of the State of Mississippi or the United States of America, or any individual, co-partnership, association, firm, trust, State, or any other entity whatsoever.
- (j) *“Point of entry”* means the point at which wastewater enters Hattiesburg’s wastewater collection system.
- (k) *“Wastewater”* means Domestic Wastewater.
- (l) *“Wastewater collection system”* means the array of wastewater pipes, manholes, and pump stations which function to transport wastewater from service sources to a wastewater treatment facility.
- (m) *“Wastewater treatment facility”* means the facility of Hattiesburg for treatment and disposal of wastewater, situated in Forrest County, Mississippi, as such facility now exists and as it may be hereinafter improved, enlarged, and/or expanded by Hattiesburg.

ARTICLE II

Scope of the Agreement

Section 2.01. RESPONSIBILITIES OF THE PARTIES.

- 1) Hattiesburg agrees to accept and treat all volumes of wastewater delivered by and from the Utility Company.

- 2) Upon final completion of the construction of any needed improvements, Utility Company would own, operate, and maintain that portion of the System which lies upstream of the point of wastewater entry to the Municipality.
- 3) Upon final completion of the construction of any needed improvements, Hattiesburg would own, operate, and maintain that portion of the sewer system at the point of wastewater entry to the Municipality and the downstream lines connecting thereto, not including the metering station, which will be owned, operated, and maintained by Utility Company, as provided in Section 3.05, below.

Section 2.02. EXISTING FACILITIES. Utility Company will provide to the City the total number of existing individual connections which are connected to Utility Company's system and facilities as of the date this Agreement is entered into and executed by the Parties to this Agreement – City and Utility Company. The system inspection required under section 2.03 is to be performed at the time of the execution and signing of this Agreement if possible, but not in any case more than six (6) months thereafter. The Utility Company's total number of existing connections shall be provided to the City in the form of a written report signed by a licensed, professional engineer. It is agreed by the parties that the existing facilities have sufficient capacity for the proper transport and treatment of the proposed wastewater to be received by Hattiesburg. If, however, a transmission line, an interceptor, or other directly affected facilities of Hattiesburg should become inadequate, in the opinion of the City Engineer of Hattiesburg, to properly transport or treat the flow of wastewater from the Utility Company, then upon fifteen (15) days' written notification from the Hattiesburg, Utility Company shall refrain from further increasing the flow of wastewater into Hattiesburg's system and, if necessary, shall take reasonable and appropriate steps to reduce such flow to a level deemed appropriate by the City Engineer of Hattiesburg. Hattiesburg will then promptly proceed to repair, replace, or enlarge its facilities such that Utility Company may, upon completion of the repairs, resume full and unrestricted flow to Hattiesburg. Failure of Utility Company to respond to such notice within fifteen (15) days shall be grounds for immediate suspension of service by Hattiesburg until it responds to the notice.

Section 2.03. SYSTEM INSPECTION. An initial system inspection – including a determination of the total number of Utility Company's connections – is required to be performed at the time of the execution and signing of this Agreement if possible, but not in any case more than six (6) months thereafter. The Utility Company's total number of existing connections will be in writing and signed by a professional engineer. Thereafter, Utility Company will perform an inspection of its existing system and facilities every five (5) years, unless requested more frequently by the City, and report to Hattiesburg in writing the number of its total connections. This report shall be approved and signed by a licensed, professional engineer.

Section 2.04. REPAIR OR REPLACEMENT OF FACILITIES. If a transmission line, an interceptor, or other facility transporting the wastewater flow from Utility Company, in the opinion of the Hattiesburg City Engineer, required repair or replacement, Utility Company will participate in the cost of such improvement by paying a proportionate share to construct such improvements. Upon proper and timely notice, Utility Company will pay to Hattiesburg a sum of money equal to the product of the cost of the improvement times the percentage of flow contributed to the improved segment or facility by Utility Company during the preceding fiscal year. Utility Company's cost share previously described will be due within thirty (30) days of the award of the construction contract for such improvements. Utility Company shall participate in, and concur with, the design and construction practices of the changes or improvements to the facilities that require cost participation by Utility Company.

Section 2.05. CAPACITY ANALYSIS. The City will establish the capacity of the collection system downstream of Utility Company and communicate the capacity in writing to Utility Company which is hereby incorporated into this contract as if fully set forth, herein. The City has the discretion to bill the expense of such capacity studies directly to Utility Company. The Utility Company shall operate and maintain the sewer collection system of the Utility Company such that Infiltration and Inflow are minimized. The Utility Company agrees to diligently pursue reductions in Inflow and Infiltration within the wastewater collection and transmission system operated and maintained by the Utility Company, as well as any parties contributing waste water to the Utility Company's system. The Utility Company will comply with all sanitary sewer overflow rules set forth by the MDEQ, the EPA, and any other governmental body having legal authority to set standards sewer collection and transmission systems of similar size and character

Section 2.06. EXCEEDANCE OF CAPACITY. In the event Utility Company is in exceedance of capacity, Hattiesburg will issue a notice of violation for any and all violations of capacity, and the City may within its discretion terminate this Agreement for noncompliance and material breach under Article VII and/or require the Utility Company to provide a proposed, corrective action plan to be approved by Hattiesburg which will include an infiltration and inflow study (NASCO standards) and a detailed plan of corrective action the Utility Company will take, including the manner of corrective action, the deadline by which the corrective action will be completed, and the cost of the corrective action.

ARTICLE III

Discharge of Wastewater, Title, and Metering

Section 3.01. **DISCHARGE.** Utility Company shall have permission to discharge Domestic Wastewater into Hattiesburg's wastewater collection system from Utility Company's certificated sewer service area, as described by legal description and aerial plot in attached exhibit(s). The number of service connections shall be limited to the proposed number of lots and/or units indicated in the attached exhibit.

Section 3.02. **POINT OF ENTRY.** Utility Company shall discharge its Domestic Wastewater through a municipally maintained point or points of entry designated by Hattiesburg. Hattiesburg hereby designates the following as the Point of Entry, to which Utility Company agrees:

Existing gravity line collector along Lincoln Road Extension south of Lincoln Road and Sandy Run Road Intersection. Manhole # F866.

Section 3.03. **CONVEYANCE TO POINT OF ENTRY.** It shall be the sole responsibility of Utility Company, including any liability incurred in connection therewith, to convey such wastewater to the Point of Entry, as specifically defined and agreed to in Section 2.02, through Utility Company's disposal system to Hattiesburg's wastewater collection system. Utility Company shall have sole construction and maintenance responsibility for the sewer pipe and facilities running and existing between Utility Company's certificated sewer service area, as defined in attached exhibit(s), and the Point of Entry, as specifically defined and agreed to in Section 2.02. Hattiesburg reserves the right to inspect Utility Company's disposal system for irregularities that could result in inadmissible discharges into Hattiesburg's system including inflow/infiltration, grease, and industrial waste. Hattiesburg shall have no maintenance responsibilities for Utility Company's sewer pipe and facilities. Hattiesburg shall be responsible for maintenance only at the Point of Entry, as defined in Section 2.02.

Section 3.04. **TITLE TO WASTEWATER AND RESPONSIBILITY THEREFORE.** Title to wastewater discharged hereunder shall remain in Utility Company until Point of Entry and, upon passing through Point of Entry, title thereto and all effluent therefrom shall pass to Hattiesburg. Utility Company agrees to save and hold harmless the City of Hattiesburg from all claims, demands, and causes of action which may be asserted by any person on account of the reception, transportation, delivery, and disposal of Domestic Wastewater while title thereto remains in or passes to Utility Company. Provided, however, that any administrative, non-routine, emergency, or other specific charge or assessment against Hattiesburg resulting from the operation of Utility Company's disposal system shall be deemed an expense of and charged to Utility Company regardless of whether title to the Domestic Wastewater giving rise to any such charge against Hattiesburg has vested in Hattiesburg; such charge shall be payable by Utility Company upon presentation of adequate cost and responsibility. Utility Company shall be advised of and have the right to contest any charge or assessment made by any charging agency. Nothing herein is intended or should be construed to indemnify or hold harmless either party for such party's own

negligence. This covenant is not made for the benefit of any third party. Hattiesburg takes responsibility as between the parties hereto for the proper reception and ultimate treatment and disposal of such wastewater received by it at Point of Entry; provided, however, that the wastewater meets applicable Federal and State standards and restrictions.

The parties understand and agree that the sewer pipe and facilities running and existing between Utility Company's certificated sewer service area, as defined in attached exhibit(s), and the Point of Entry, as defined in Section 2.02, is the exclusive property of Utility Company and neither Hattiesburg nor any third party shall have any right whatsoever to connect or tie into such pipe or facilities, nor any duty to maintain such pipe or facilities.

Section 3.05. **METERING.** At Point of Entry into Hattiesburg's wastewater collection system, the necessary equipment and device of standard type for measuring properly all of Utility Company's Domestic Wastewater shall be installed, operated and maintained by Utility Company. Such meter shall be an automatic meter reading (AMR) meter specified by the City to be compatible with the City's automated system and shall be the property of Utility Company. Hattiesburg and Utility Company shall have access to such metering equipment at all reasonable times for inspection and examination. Meters shall be calibrated annually at the end of the calendar year with certified calibration report submitted to the City for verification. If for any reason a meter is out of service or out for repair, or if, upon any test, accuracy of any meter is found to be inaccurate by ten percent (10%) or more, plus or minus, of the flow, registration thereof shall be corrected for a period of time extending back to the time when such inaccuracy began, if such a time is ascertainable, and if such a time is not ascertainable, then for a period extending back one-half (1/2) of the time elapsed since the date of the last calibration, but in no event further back than a period of six (6) months. The out of service or malfunctioning meter shall be repaired by the Utility Company within four weeks of detection of malfunction.

Section 4.06. **UNIT OF MEASUREMENT.** The unit of measurement for wastewater delivery hereunder shall be one thousand (1,000) gallons, U.S. Standard Liquid Measure.

ARTICLE IV

Comprehensive Sewer Use Provisions

Section 4.01. **ADMISSIBLE DISCHARGES.** Utility Company agrees that wastewater discharge from its system into Hattiesburg's wastewater collection system shall be of such quality that:

- (a) Effluent thereof shall not be in violation of and shall fully comply with Chapter 21, Section 24, of Hattiesburg's Code of Ordinances (Ordinance No. 3167, as adopted by the City Council on Sept. 14, 2015), a copy of which is attached hereto and made a part hereof; and
- (b) Effluent thereof meets the then current standards of the State Department of Environmental Quality and the United States Environmental Protection Agency and any other governmental body having a legal authority to set standards for such effluent, including those within any Order, Judgment, or Decree of any United States District Court or Mississippi Commission on Environmental Quality; and
- (c) Hattiesburg's wastewater treatment facility or wastewater collection system lines are not damaged to the extent to cause unnecessary repairs or replacement or increased operation and maintenance expenses.
- (d) Stormwater inflow or infiltration in any appreciable amount is not introduced into the effluent stream.

Section 4.02. **COMPREHENSIVE SEWER USE PROVISIONS.** Utility Company shall adopt, maintain and impose upon its users such rules and regulations as are necessary to ensure compliance with Section 3.01 to the same extent as would be imposed by Chapter 21 of Hattiesburg's Code of Ordinances (Ordinance No. 3167, as adopted by the City Council on Sept. 14, 2015), a copy of which is attached hereto and made a part hereof, if such a user were located within the jurisdiction of Hattiesburg.

Section 4.03. **INDUSTRIAL WASTE.** Utility Company shall not allow the discharge of any industrial waste into its sewer system without written consent of Hattiesburg. Before any such consent may be given, the industry shall file with Hattiesburg a statement showing the average analysis of the industrial waste it wishes to discharge. No consent for the discharge of industrial waste will be given by Hattiesburg if such waste does not pass through an inspection manhole located so as to be accessible at all times to inspectors of Hattiesburg and Utility Company. Utility Company shall ensure that its collection system is protected from illicit third party discharging, including industrial or septic tank discharges. If inspection indicates that damage may be resulting from the discharge, Utility Company shall be responsible to Hattiesburg for any such damages, payable immediately upon determination of the amount involved by the parties.

Section 4.04. **TESTING.** Utility Company shall allow Hattiesburg access to its system at any accessible point for purposes of taking samples of Utility Company's wastewater for analysis to ensure compliance with ARTICLE III of this agreement. The results of such analysis will be made available to Utility Company at its request.

ARTICLE V

Payments, Structure Limitations, and Annual Adjustments

Section 5.01 INITIATION FEE. If Utility Company does not already have a physical connection established to transmit effluent into City's facilities, the Utility Company will pay to the City of Hattiesburg a sum of \$10,000.00 upon execution of this Agreement for establishing a new connection between the City and Utility Company.

Section 5.02 CONNECTION FEES. Utility Company shall pay to the City of Hattiesburg a connection fee in the amount of three hundred dollars (\$300.00) per new individual customer connection to Utility Company, and said fee will be paid before said connection is connected to Utility Company's sewer collection line. For the purposes of this Section, a "new" connection is a connection established after this Agreement is entered into and executed by the Parties – City and Utility Company – and not counting existing connections under Section 2.02 of this Agreement.

Section 5.03 RATE. Utility Company shall pay to Hattiesburg for conveyance and treatment of its wastewater a rate per thousand gallons equal to double the current sewer rate set by Ordinance of the Mayor and Council of the City of Hattiesburg for those rate-payers within the corporate limits of the City of Hattiesburg. Rates will be adjusted annually in accordance with any rate changes that the City of Hattiesburg may impose on its customer base.

Section 5.04 CASH DEPOSIT OR PAYMENT BONDS. It is hereby agreed that upon entry into and signature of this Agreement, Utility Company will either submit to Hattiesburg a cash deposit, or post a payment bond through an approved surety company, which shall at a minimum be an amount equal to one year's worth of estimated payments made to Hattiesburg by the Utility Company. The cash deposit or bond will be based on the average flow and at the rate as agreed to in this Agreement, unless the City provides notice in writing of another, specific deposit or bond amount. The purpose of such deposits or payment bonds is in the event of triggering Section 5.05, below. The Utility Company will continue to pay Hattiesburg for ongoing sewer treatment following ninety (90) days of Utility Company's failure to make payments and during the time in which Utility Company provides an alternative method of sewer treatment following disconnection from the City of Hattiesburg's treatment facilities, unless the City provides notice in writing of another, specific time period.

Section 5.05 LATE PAYMENTS. Utility Company agrees that the invoice is due to be paid in full, within seven (7) days of receipt. If full payment is not made within thirty (30) days,

Hattiesburg will provide Utility Company written notice providing Utility Company fifteen (15) days within which Utility Company may come into compliance, or that otherwise, Hattiesburg may choose to seek all legal remedies available under the law to recover the outstanding debt to the City. Failure to make payment beyond ninety (90) days will result in the City's exercise of discretion to pursue any and all legal remedies available under the law against the Utility Company, including calling the Payment Bond provided for in Section 5.04, above, and seeking judicial intervention to disconnect Utility Company from the City of Hattiesburg's treatment facilities, which may require Utility Company to construct its own treatment facilities within a reasonable time, during which time Utility Company will continue to pay the City of Hattiesburg for sewer treatment until disconnected, such payments to be made within seven (7) days of receipt of invoice. If continued payment is not made to Utility Company, Hattiesburg may either utilize the cash deposit or call the Payment Bond provided for in Section 5.04, above, for the purposes of satisfying the Utility Company's continuing payments for ongoing sewer treatment. It is hereby specifically agreed that such available legal remedies referenced herein may also in the discretion of the City of Hattiesburg include utilizing the cash deposit and/or calling the Utility Company's Payment Bond. Utility Company's failure to make a timely payment shall entitle the City, either by this Agreement or through judicial action, to require bond be increased to a sufficient amount to make estimated payments for the length of time needed or required for the Utility Company to provide an alternative method of sewer treatment and to be disconnected from the City of Hattiesburg's treatment facilities, unless the City provides notice in writing of another, specific time period. The City retains the option to terminate this Agreement for noncompliance and material breach under Article VII.

ARTICLE VI

Effective Date, Term of Agreement, and Miss. Public Service Commission Approval

Section 6.01. **EFFECTIVE DATE.** This agreement shall become effective as of the **1st** day of **January, 2018**, and as of that date this Agreement shall constitute the sole and only Agreement between Hattiesburg and Utility Company as to matters contained herein.

Section 6.02. **TERM OF AGREEMENT.** This Agreement shall be in force and effect from the **1st** day of **January, 2018**, and shall continue in effect from year to year unless either party hereto shall give not less than six (6) months' notice in writing to the other that this Agreement shall no longer be in force and effect; however, in no instance shall this Agreement terminate earlier than the end of any calendar year.

Section 6.03. **CERTIFICATION.** Utility Company will be certified with the State of Mississippi Public Service Commission (MPSC) as a sewer utility for **Grand Magnolia Apartments** Subdivision/Development in **Lamar County** (MPSC I.D. No. _____). Subject to the approval of the MPSC, Utility Company will further have the authority to effect the application and collection of rates and other charges for sewer service to its customers located within its certificated area, consistent with the MPSC's response to an Application to Approve this Agreement and Related Tariff to be filed with the MPSC after execution of this Agreement by both parties with proper authority. Utility Company will maintain its Certificate (attached as an exhibit hereto), Tariffs, and will continue to collect all approved customer service fees. All fees due to the City of Hattiesburg will be paid by Utility Company on a monthly basis. The fees due to the City of Hattiesburg will be based on the flow meter reading, as provided in Section 2.05 as stated above.

ARTICLE VII

Miscellaneous Provisions

Section 7.01. **FORCE MAJEURE.** In case by reason of "Force Majeure," either party hereto shall be rendered unable wholly or in part to carry out its obligations under this agreement, then if such party shall give notice and full particulars of such "Force Majeure" in writing to the other party within a reasonable time after occurrence of the event or cause relied on, the obligation of the party giving such notice, so far as it is affected by "Force Majeure," shall be suspended during the continuance of the inability then claimed, but for no longer period, and any such party shall endeavor to remove or overcome such inability with all reasonable dispatch.

Section 7.02. **BREACH.** This Agreement may be terminated by either party for a material breach of the Agreement by the other party. In the event of termination under this provision, the party terminating shall give written notice by mail to the other party and termination shall be effective on the date specified, but no earlier than ninety (90) days from the date such written notice is received by the other party. In the event this Agreement is breached because Utility Company is in exceedance of capacity, under Section 2.06 of this Agreement, Hattiesburg will issue a notice of violation for any and all violations of capacity, and the City may within its discretion terminate this Agreement for noncompliance and material breach under Article VII and/or require the Utility Company to provide a proposed, corrective action plan to be approved by Hattiesburg which will include an infiltration and inflow study (NASCO standards) and a detailed plan of corrective action the Utility Company will take, including the manner of corrective action, the deadline by which the corrective action will be completed, and the cost of the corrective action. In case of termination, all obligations that are still executory on

both sides are discharged as of the effective date of the termination. However, rights based on prior breach or prior performance, the indemnification provisions, and the records retention provisions shall survive.

Section 7.03. GOVERNING LAW AND VENUE. This Agreement shall be construed under and in accordance with the laws of the State of Mississippi, and venue for any action at law or in equity shall be a court of competent jurisdiction in Forest County or Lamar County, Mississippi.

Section 7.04. WAIVER. No waiver or failure to insist on performance of a term or condition of this agreement shall be construed as a waiver of the term or condition absent a writing clearly stating that the condition is being waived. A written waiver shall be applicable only for the period or time stated and shall not be construed as a waiver of indefinite duration.

Section 7.05. SEVERABILITY. If any provision of this Agreement is held to be invalid, unenforceable, or unlawful by a court or tribunal of competent jurisdiction, then said provision will not operate to invalidate any other, remaining portion of this Agreement, which shall continue in force and effect but for said provision and shall be construed accordingly.

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Section 7.07. AUTHORITY TO CONTRACT AND EXECUTE. Each individual executing and signing this Agreement warrants and represents that he/she has been authorized to execute the Agreement on behalf of the parties to this Agreement.

Section 7.08. AMENDMENTS AND MODIFICATION. This Agreement may not be modified or amended absent the execution of a written instrument, signed by duly authorized officials and/or representatives of Utility Company and the City Council of Hattiesburg. amendments and modification to the agreement shall be effective as of the date set forth in the amendment or modification and shall not be retroactive

Section 7.09. NOTICE. Notices required or provided pursuant to the provisions of this Agreement shall be in writing and served either by personal delivery, mail, or fax to the parties as follows:

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

For Utility Company: P. O. Box 16749, Hattiesburg, MS 39404

Section 7.10. FURTHER ASSURANCES. The parties agree that each shall and will, upon reasonable request of the other, make, do, execute, or cause to be made, done, or executed, all such further and other lawful acts, deeds things, devices, and assurances whatsoever for the better or more perfect and absolute performance of the terms and conditions of the Agreement for the treatment of Utility Company's wastewater.

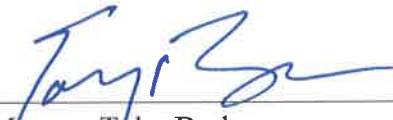
WITNESS THE SIGNATURES of the parties on duplicate originals, on this the ____ day of _____, A.D. _____

ATTEST:

CITY OF HATTIESBURG, MISSISSIPPI



City Clerk: Kermas Eaton

By: 
Mayor: Toby Barker

ATTEST:

GRAND MAGNOLIA PROPERTIES, LLC

Witness:

By: 
Managing Member:

ATTACHMENTS:

- Aerial plot of certificated service area, including number of lots, units, or proposed flow
- Legal description of service area
- Order granting certificate of public convenience and necessity from Public Service Commission
- Ordinance No. 3167 – Chapter 21, Sections 1 through 49, of Hattiesburg’s Code of Ordinances – as adopted by the City Council on Sept. 14, 2015



City of Hattiesburg, MS

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

Master

File Number: 2018-239

File ID: 2018-239

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 02/13/2018

Brief Title: Authorize Mayor to execute two lighting requests with MS Power

Final Action: 02/20/2018

Minute Book Number: MB2018-41-42

Title:

Authorize Mayor to execute two lighting agreements with Mississippi Power for two locations on West 4th Street (near 2505 W. 4th and 3901 W. 4th) for net monthly increases of \$69.38 and 54.02 respectively.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-11

Sponsors:

Enactment Date:

Attachments: MS Power-Brewskys and Endzone, executed MS Power-Brewskys and Endzone

Enactment Number:

Contact:

Meeting Date: 02/20/2018

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	02/20/2018	Authorize				Pass
Action Text: A MOTION was made by Council Vice President Dryden and seconded by Council Member George to Authorize Mayor to execute two lighting agreements with Mississippi Power for two locations on West 4th Street (near 2505 W. 4th and 3901 W. 4th) for net monthly increases of \$69.38 and 54.02 respectively.							
Mayor Barker stated that these lighting improvements and others are being made in response to safety concerns expressed by citizens. Council Vice President Dryden and Council member George thanked the Mayor for the city's response.							
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 2018-239

Title

Authorize Mayor to execute two lighting agreements with Mississippi Power for two locations on West 4th Street (near 2505 W. 4th and 3901 W. 4th) for net monthly increases of \$69.38 and 54.02 respectively.

Summary

Authorize Mayor to execute two lighting agreements with Mississippi Power for two locations on West 4th Street (near 2505 W. 4th and 3901 W. 4th) for net monthly increases of \$69.38 and 54.02 respectively.

DATE: 6/18/18

RE: STREET LIGHT REQUEST AND AUTHORIZATION LETTER

FROM: CITY/TOWN OF HATTIESBURG PHONE: 601-545-4546

AUTHORIZED SIGNATURE _____ DATE: _____

DEVELOPER NAME LOMAR RUTLAND ACCOUNT # 55841-82070

DEVELOPER SIGNATURE X DATE: X

DATE GOVERNMENTAL AUTHORITY TO TAKE OWNERSHIP OF PAYMENT: _____

Attach a plat for development.

TO: MISSISSIPPI POWER COMPANY (_____) DATE FAX RECEIVED _____
C/O MIKE PRUITT

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		<u>2505 W 4th ST - END ZONE</u>
100 WATT HPS	_____	_____
150 WATT HPS	_____	_____
250 WATT HPS	_____	_____
400 WATT HPS	_____	_____
1000 WATT HPS	_____	_____
350 WATT MH	_____	_____
LED FIXTURES		<u>ADD: 3 190W LED @ 23.58 = 70.74</u>
90 WATT LED	_____	_____
110 WATT LED	_____	<u>1 30' WOOD POLE 7.00</u>
190 WATT LED	_____	<u>77.74</u>
280 WATT LED	_____	<u>REMOVE 1 100W HPS (8.36)</u>
OTHER FIXTURES		<u>NET 69.38/mo</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.

DATE: 1/18/18

RE: STREET LIGHT REQUEST AND AUTHORIZATION LETTER

FROM: CITY/TOWN OF HATTIESBURG PHONE: 601-545-4540

AUTHORIZED SIGNATURE _____ DATE: _____

DEVELOPER NAME Lamar Rutland ACCOUNT # 59841-82000

DEVELOPER SIGNATURE X DATE: X

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.

TYPE LIGHT	NUMBER TO INSTALL (I) NUMBER TO REMOVE (R)	LOCATION AND COMMENTS
COBRA HEAD FIXTURES		
100 WATT HPS	_____	<u>3901 W 4th ST - BREWSKY'S</u>
150 WATT HPS	_____	_____
250 WATT HPS	_____	_____
400 WATT HPS	_____	_____
1000 WATT HPS	_____	_____
350 WATT MH	_____	<u>ADD 3-190W LED @ *23.58 70.71</u>
LED FIXTURES		
90 WATT LED	_____	_____
110 WATT LED	_____	_____
190 WATT LED	_____	_____
280 WATT LED	_____	_____
OTHER FIXTURES		
_____	_____	<u>TWO REMOVE 100W HPS OPEN 8.36 (16.72)</u>
_____	_____	<u>(8.36)</u>
_____	_____	<u>NET 54.02/mo</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.

DATE: 1/18/18

RE: STREET LIGHT REQUEST AND AUTHORIZATION LETTER

FROM: CITY/TOWN OF NATIESBURG

PHONE: 601-545-4540

AUTHORIZED SIGNATURE [Signature]

DATE: _____

DEVELOPER NAME Lamar Rutland

ACCOUNT # 59841-82000

DEVELOPER SIGNATURE X

DATE: X 2-20-18

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 _____

3901 W 4th ST - BREWSKY'S

ADD 3-190W LED @ 23.58 70.74

LED FIXTURES

90 WATT LED _____
110 WATT LED _____
190 WATT LED _____
280 WATT LED _____

OTHER FIXTURES

TWO
REMOVE 100W HPS OPEN 8.36 (16.72)
NET 54.02/NO

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: 2018-237

File ID: 2018-237

Type: Regular Agenda Item

Status: Agenda Ready

Version: 2

Reference:

In Control: City Council

Requester: Ann Jones

File Created: 02/12/2018

Brief Title: HFD Promotional Testing Agreement-Fire Department International, Inc.

Final Action: 02/20/2018

Minute Book Number: MB2018-42

Title:

Authorize Mayor to execute agreement between the City of Hattiesburg Fire Department and Fire Department International, Inc. to provide promotional testing for Engineer/Driver, Lieutenant, Captain, and Battalion Chief.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-12

Sponsors:

Enactment Date:

Attachments: Hattiesburg Fire Department Testing Contract-Fire Department International 2018, executed Hattiesburg Fire Department Testing Contract-Fire Department International 2018

Enactment Number:

Contact:

Meeting Date: 02/20/2018

Drafter: Ann Jones

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
2	City Council	02/20/2018	Authorize				Pass
Action Text: A MOTION was made by Council Member George and seconded by Council Vice President Dryden to Authorize Mayor to execute agreement between the City of Hattiesburg Fire Department and Fire Department International, Inc. to provide promotional testing for Engineer/Driver, Lieutenant, Captain, and Battalion Chief.							
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 2018-237

Title

Authorize Mayor to execute agreement between the City of Hattiesburg Fire Department and Fire Department International, Inc. to provide promotional testing for Engineer/Driver, Lieutenant, Captain, and Battalion Chief.

Summary

Agreement

Budget Information

Expenditure Type

Purchasing Item

Publication Information



F.D. International Inc.
1129 Underwood Road
Aledo, Texas 76008
www.fd-intl.com

FIRE TRAINING AGREEMENT

*Creation of Fire Department Promotional Test
&
Proctoring of Fire Department Promotional Test*

**FOR: City of Hattiesburg
Hattiesburg Fire Department
PO Box 1898
Hattiesburg, MS 39403-1898**

DETAILS:

Promotional Testing

*Includes: 4 multiple choice exams for:
Engineer / Driver
Lieutenant
Captain
Battalion Chief*

TESTING

**Each exam will be comprised of 100 multiple choice questions with a minimum of four answers to choose from, with the exception of true false questions.*

**Less than 10 questions will be true / false.*

**At least 2 “ace busters” unless otherwise specified. The chapter and page of each question will be listed with the question.*

**5 additional questions will be provided to be used as alternate questions in the event one of the existing questions is found to be unsuitable by the chief or his/her designee.*

**FD International will provide the exam questions on standard 8.5x11 paper, single sided, double spaced, 12pt font and a scantron answer sheet.*

**The answer sheet will be graded and the grades emailed to the chief or his/her designee within 48 hours.*

**Question protests will be addressed via email with no longer than a 48 hour turn around on responses. If FD International is required to return to Hattiesburg FD for question protests, additional charges will be made to the City of Hattiesburg Fire Department.*

**FD International will provide one on site proctor.*

**FD International will provide a copy of the finished exam to the Fire Chief or his / her designee at least 14 days prior to the exam date to make any corrections or changes. The exam questions and answer key will be sent via secured courier, either UPS or FedEx, where they will be signed for.*

Testing Materials

All text books, SOP's, or any other written material that is to be used for any/all of the promotional exams will be provided to FD International by the Hattiesburg Fire Department.

The Hattiesburg Fire Department will provide guidance as to how many exam questions will come from each book.

Once the exams are complete and approved by the Fire Chief, all text books, SOP's or any other written material will be returned to the Hattiesburg Fire Department.

Testing Dates

Testing dates shall be coordinated and scheduled between HFD and FDI. Ten (10) business days are required for any cancellation or change in training dates once dates are agreed upon. Tests will be conducted over 2 days with 2 exams per day.

Compensation

Contract payment in the amount of \$7500.00 will be remitted within 45 days after tests results are provided to City of Hattiesburg.

Fire Department International

City of Hattiesburg, Mayor



F.D. International Inc.
1129 Underwood Road
Aledo, Texas 76008
www.fd-intl.com

FIRE TRAINING AGREEMENT

*Creation of Fire Department Promotional Test
&
Proctoring of Fire Department Promotional Test*

FOR: City of Hattiesburg
Hattiesburg Fire Department
PO Box 1898
Hattiesburg, MS 39403-1898

DETAILS:

Promotional Testing

Includes: 4 multiple choice exams for:

Engineer / Driver

Lieutenant

Captain

Battalion Chief

TESTING

**Each exam will be comprised of 100 multiple choice questions with a minimum of four answers to choose from, with the exception of true false questions.*

**Less than 10 questions will be true / false.*

**At least 2 “ace busters” unless otherwise specified. The chapter and page of each question will be listed with the question.*

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The Hattiesburg Fire Department will provide guidance as to how many exam questions will come from each book.

Once the exams are complete and approved by the Fire Chief, all text books, SOP's or any other written material will be returned to the Hattiesburg Fire Department.

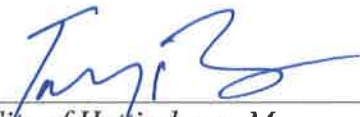
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Testing dates shall be coordinated and scheduled between HFD and FDI. Ten (10) business days are required for any cancellation or change in training dates once dates are agreed upon. Tests will be conducted over 2 days with 2 exams per day.

Compensation

Contract payment in the amount of \$7500.00 will be remitted within 45 days after tests results are provided to City of Hattiesburg.

Fire Department International



City of Hattiesburg, Mayor



City of Hattiesburg, MS

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

Master

File Number: 2018-236

File ID: 2018-236

Type: Regular Agenda Item

Status: Approved

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 02/12/2018

Brief Title: Appointment of Yolanda Morris to the Hattiesburg School Board for a five-year term beginning 3/5/2018 and ending 3/4/2023.

Final Action: 02/20/2018

Minute Book Number: MB2018-42

Title:

Ratify and confirm the Mayor's appointment of Yolanda Morris (W3) to the Hattiesburg School Board for a five (5) - year term beginning March 5, 2018 and ending March 4, 2023.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-13

Sponsors:

Enactment Date:

Attachments: Y_Morris_Resume, Datat Sheet-Morris

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	02/20/2018	Ratify and Confirm				Pass
Action Text: A MOTION was made by Council Member George and seconded by Council Member Brown to Ratify and confirm the Mayor's appointment of Yolanda Morris (W3) to the Hattiesburg School Board for a five (5) - year term beginning March 5, 2018 and ending March 4, 2023.							
The Mayor introduced Ms. Morris and Council members thanked her for her willingness to serve.							
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 2018-236

Title

Ratify and confirm the Mayor's appointment of Yolanda Morris (W3) to the Hattiesburg School Board for a five (5) - year term beginning March 5, 2018 and ending March 4, 2023.

Summary

Appointment of Yolanda Morris to the Hattiesburg School Board for a five-year term beginning 3/5/2018 and ending 3/4/2023.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

YOLANDA MORRIS

2905 Lincoln Rd

Hattiesburg, MS 39402

Ymorris7@gmail.com / 601-951-5492

Desired goal is to administer and adhere to state policies as well as create internal controls to assure compliance with regulations. In addition, to obtain a position that requires a qualified professional to use unique planning and organizing strategies, as well as analytical skills to get the job done.

CERTIFICATION:

April 2018 - completion

**Human Resource Management Certificate
Capella University**

EDUCATION

May 2013	William Carey University Master of Business Administration	Hattiesburg, MS
May 2007	The University of Southern Mississippi Bachelor of Science in Business Administration	Hattiesburg, MS
May 2003	Lanier High School	Jackson, MS

EXPERIENCE

Summer 2010	<i>MS Department of Revenue/Tax Commission</i> Tax Auditor/Accountant ○ Communicated with taxpayers improvements needed in tax reporting and compliance. Initiated and performed tax audits by determining the correct methods and procedures to follow. The audit methods used are determined and administered at my discretion, depending on the subject matters. ○ Assembled working papers to coincide with audits conducted with taxpayer. Working papers are always in compliance with Mississippi Tax laws, rules and regulations. Verified accounts payable and account receivables. ○ Audit Trainer – Guided and trained new auditors on the laws and procedures associated with the agency. ○ Maintained an active inventory count of state issued equipment in accordance to policy.	Hattiesburg, MS
Fall 2007	<i>Mississippi State Tax Commission</i> Revenue Officer	Hattiesburg, MS

- Assisted taxpayers with filing the following returns and forms: sales tax returns, use tax returns, withholding returns, registration applications and MPC applications.
- Managed an entire county. Responsible for making sure taxpayers in my area paid their taxes in a timely manner.
- Collected delinquent taxes as well as educate taxpayers on the importance of trust fund money that is due to the State of Mississippi.

Fall 2005

Cummings CPA

Hattiesburg, MS

Accounting Clerk

- Maintained payroll information. Entered payroll information into Medlin & Quickbooks. Paid the appropriate taxes in correspondence to payroll.
- Monitored and verified expenditures associated with local businesses. Created budgets to assist businesses operate efficiently.
- Prepared journal entries to account for transaction errors.

ACTIVITIES/ ACCOMPLISHMENTS

- Zeta Phi Beta Sorority Incorporated - Lambda Kappa Zeta Chapter
 - Treasurer (2012 - 2014)
 - Undergraduate Advisor (2011 - Current)
 - Audit committee and presenter at the Mississippi State leadership Conferences.
- Zeta Phi Beta Sorority Inc, - State of Mississippi 2013 Advisor of the Year
- The University of Southern Mississippi: 2014 Advisor of the Year
- Hattiesburg Public School District -**Thames Elementary** 2015 – 2016 Parent of the Year.

COMPUTER SKILLS

Microsoft Word, PowerPoint, Word Perfect, Excel, Access

REFERENCES

See Attached

BOARD/COMMISSION APPOINTMENT DATA SHEET

BOARD/COMMISSION: Hattiesburg School Board

TERM OF OFFICE: 5 years PERIOD: 3/05/18 to 3/04/2023

REPLACES: Marcus Cathey

TERM EXPIRED: _____ OR RESIGNED: _____ Letter attached _____

DOES THIS POSITION REQUIRE A PUBLIC OFFICIAL'S BOND? YES ___ NO X

NAME OF PROPOSED APPOINTEE: Yolanda Morris

PLEASE GIVE FULL NAME, IF NICKNAME IS USED, PLEASE PUT IN PARENTHESIS ()

ADDRESS: 2905 Lincoln Road

HOME PHONE NUMBER: 434-1991 WARD: 3

PLACE OF EMPLOYMENT: _____

EMPLOYMENT ADDRESS: _____

EMPLOYMENT PHONE NO.: _____ POSITION: _____

PERSON CONTACTED BY: Mayor Barker DATE: _____

TO BE CONTACTED BY: _____ DATE CONTACTED: _____

AGREED TO SERVE: X DECLINED: _____



City of Hattiesburg, MS

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

Master

File Number: 2018-246

File ID: 2018-246

Type: Regular Agenda Item

Status: Approved

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 02/13/2018

Brief Title: Ratify and confirm the appointment of Andrew A. Hatten to the Southeast Mississippi Community Investment Corporation for a three-year term, January 1, 2018 - December 31, 2020.

Final Action: 02/20/2018

Minute Book Number: MB2018-42

Title:

Ratify and confirm the Mayor's appointment of Andrew A. Hatten to the Southeast Mississippi Community Investment Corporation Board of Directors for for a three - year term beginning January 1, 2018 and ending December 31, 2020.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-14

Sponsors:

Enactment Date:

Attachments: Hatten Resume

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	02/20/2018	Ratify and Confirm				Pass
Action Text: A MOTION was made by Council Member George and seconded by Council Vice President Dryden to Ratify and confirm the Mayor's appointment of Andrew A. Hatten to the Southeast Mississippi Community Investment Corporation Board of Directors for a three (3) - year term beginning January 1, 2018 and ending December 31, 2020.							
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 2018-246

Title

Ratify and confirm the Mayor's appointment of Andrew A. Hatten to the Southeast Mississippi Community Investment Corporation Board of Directors for for a three - year term beginning January 1, 2018 and ending December 31, 2020.

Summary

Ratify and confirm the appointment of Andrew A. Hatten to the Southeast Mississippi Community Investment Corporation for a three-year term, January 1, 2018 - December 31, 2020.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

ANDREW A. HATTEN

2814 Jamestown Road · Hattiesburg, Mississippi 39402
Office 601-296-9009 / Cell 601-467-9690
ahatten@bnlawfirm.com / ahatten56@gmail.com

EDUCATION & CERTIFICATIONS

Mississippi Board of Bar Admissions – MS Bar No. 105066

Admitted, September 2015

All State and Federal Courts in Mississippi; Fifth Circuit Court of Appeals

Mississippi College School of Law, Jackson, MS

Doctor of *Jurisprudence*, May 2015

Millsaps College, Jackson, MS

Master of Business Administration, May 2012

Bachelor of Business Administration, May 2011

Major: Business Administration – Finance

Minor: Political Science

EXPERIENCE

Bryan Nelson P.A.

Associate Attorney, August 2015 – Present

Commercial Litigation and Corporate Transaction practice in Hattiesburg, MS

Gulf South Capital, Inc.

Financial Analyst, November 2011 - July 2012

Financial analyst at investment firm led by Former U.S. Ambassador John N. Palmer

U.S. Attorney's Office for the Southern District of Mississippi

Student Clerk, October 2010 - October 2011

Served as member of the support staff for the U.S. Attorney and AUSAs

AWARDS & DISTINCTIONS

Leadership Pine Belt

Class of 2017

Selected as an up and coming leader of Pine Belt area

Planned and implemented a food drive to benefit food shelters in Hattiesburg Area

Pine Belt Young Professionals

Member

Professional Promise Award, 2017

Mississippi College School of Law

Mississippi Corporate Counsel Association Endowed Scholarship, 2015

Outstanding Student Award – Start-Up Business and Entrepreneurship Law, 2015;

Corporate & Partnership Tax, 2014; Appellate Advocacy, 2013

Millsaps College

ElseWorks Entrepreneurial Program, 2012

Merrill Lynch Award for Excellence in Investments, 2012

REFERENCES

Hon. Michael T. Parker

U.S. Magistrate Judge

U.S. District Court, MS Southern District

(601)544-9100

Rick D. Norton

Partner

Bryan Nelson P.A.

(601)261-4100



City of Hattiesburg, MS

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

Master

File Number: 2018-247

File ID: 2018-247

Type: Regular Agenda Item

Status: Approved

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 02/13/2018

Brief Title: Ratify and confirm the appointment of Lemon "Trey" Sullivan to the Southeast Mississippi Community Investment Corporation Board of Directors for a three-year term, January 1, 2018 - December 31, 2020.

Final Action: 02/20/2018

Minute Book Number: MB2018-43

Title:

Ratify and confirm the Mayor's appointment of Lemon "Trey" Sullivan to the Southeast Mississippi Community Investment Corporation Board of Directors for a three - year term beginning January 1, 2018 and ending December 31, 2020.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: V.-15

Sponsors:

Enactment Date:

Attachments: Sullivan-Resume

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	02/20/2018	Ratify and Confirm				Pass
Action Text: A MOTION was made by Council Member Brown and seconded by Council Member George to Ratify and confirm the Mayor's appointment of Lemon "Trey" Sullivan to the Southeast Mississippi Community Investment Corporation Board of Directors for for a three (3) year term beginning January 1, 2018 and ending December 31, 2020.							
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 2018-247

Title

Ratify and confirm the Mayor's appointment of Lemon "Trey" Sullivan to the Southeast Mississippi Community Investment Corporation Board of Directors for a three - year term beginning January 1, 2018 and ending December 31, 2020.

Summary

Ratify and confirm the appointment of Lemon "Trey" Sullivan to the Southeast Mississippi Community Investment Corporation Board of Directors for a three-year term, January 1, 2018 - December 32, 2020.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Lemon F. Sullivan III

treysullivan@yahoo.com

(601) 550-4635

Education

2007 - *The University of Southern Mississippi—Hattiesburg, MS*
2013 Bachelor of Science—Business Administration (May 2013)
Minor—Sports Management

Certifications

2016 – Present AAU Positive Coaches Alliance Certification
2016 – Present State Certified Accidental and Health Insurance Agent
2008 – 2013 MHSAA Certified Official 2008 - 2013
2015 – 2016 LPA Project Rep Certification
Bicycle Friendly Community Certification
2015 – 2016 Traffic Calming Certification
National Incident Management Training

Professional Experience

Apr. 2016 – *Pine Belt Sports—Hattiesburg, MS*
Present Pine Belt Area Travel Basketball League

Founder/Director

- Planned, developed and coordinated the first AAU and YBOA affiliated travel basketball league in Hattiesburg
- Recruits player and coach participation
- Manages league budget and fundraising
- a league of 5 teams and roughly 50+ players from the onset of the program
- Maintains high quality coaching staff (3) and utilizes positive coaching strategies to best developed players both on and off the court
- Develops positive relationships with other travel coaches and leagues across Mississippi
- Plans league schedule by locating competitive travel basketball tournaments
- Organizes and implements local tournaments hosted by Pine Belt Sports with participation from across the state.
 - o YBOA Round Up (2016)
 - o Pine Belt Spring Classic (2017)
- Provides positive pro-social opportunities to young men in the Pine Belt through athletic development and mentorship
- Utilizes marketing skills to manage social media platforms and promote program development
- Provides solution-focused conflict management between team members, players, staff, and/or parents

July 2016 –
Present

Jazmo's Downtown—Hattiesburg, MS
Live Music Venue

Owner

- Developed Jazmo's Downtown, a small business in downtown Hattiesburg offering inclusive and diverse experiences for artists and community members as a live music venue
- Utilizes marketing skills to manage social media accounts, reach target populations, and promote business
- Manages all business accounts and operating budget
- Manages all staff and personnel
- Provides a high level of customer service to patrons, artists, and group management
- Creatively plans diverse events to bring new experiences to Downtown Hattiesburg
- Uses strategic planning to identify target markets and implement innovative strategies to reach diverse groups throughout the Pine Belt
- Creates an open and inclusive atmosphere for all persons to express themselves artistically and expose patrons to new ideas, sounds, and experiences
- Works creatively to identify new sounds and artists from across the south to negotiate venue bookings

Aug. 2014 –
Apr. 2016

City of Hattiesburg—Hattiesburg, MS
Engineering Department

Engineering Tech

- Manages multilevel projects
- Possesses practical knowledge in Civil Engineering and Public Works for municipalities, State, and Federal governments
- Permits local utilities access to Right of Way to serve residents efficiently
- Utilizes analytical skills and strategic planning for sidewalk construction, ADA upgrades, and pedestrian bike lanes
- Manages operating budgets greater than \$100,000
- Enforces encroachment laws for completion of ground work with Local Public Agencies State Aid Projects
- Negotiates property acquisitions
- Effectively and efficiently manages personnel
- Consults with engineering firms and manages sensitive documentation
- Builds positive relationships with residents and utility managers at local and state levels
- Analyzes pedestrian, bicycle, and vehicular traffic counts for improvements
- Formulates and draws scaled plans for project bidding
- Completed projects include:
 - o Main & Buschman ADA upgrades
 - o Forrest & McLeod ADA upgrades
 - o Mamie Street Pedestrian Project
 - o Landscape & Pedestrian Improvements for Broadway, Bouie, & Mobile Street

May 2013-
Aug. 2014

Mississippi Department of Transportation (MDOT)—Yazoo City, MS
Engineering Tech IV

- Gained and applied knowledge of State Right of Way laws
- Mastered computer aided drafting
- Managed client and government relations
- Analyzed traffic data
- Strategically planned jobs within State Right of Way
- Utilized organization and time management to meet deadlines and work in fast-paced environment

Aug. 2009 – *Mississippi Department of Transportation (MDOT)—Hattiesburg, MS*

May 2013 **Engineering Tech I**

- Promoted from Permit Trainee to Engineering Tech I
- Provided local job inspections
- Developed skills in drafting and general surveying
- Provided permit analysis

Volunteer Experience

2006 – Present South Forrest Youth Basketball League Coach
Girls and Boys

2007 – 2011 Personal Coach
Track and Cross Country Training

Technical Skills

Microsoft Office Suite
AutoCAD
MicroStation
Google Earth
ESRI ArcGIS
Adobe Acrobat



City of Hattiesburg, MS

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

Master

File Number: 2018-223

File ID: 2018-223

Type: Regular Agenda Item

Status: Agenda Ready

Version: 2

Reference:

In Control: City Council

Requester: Andrew Ellard

File Created: 02/09/2018

Brief Title: Approve notice of publication setting a Public Comment Period and a Public Hearing for the 2017 CAPER for the CDBG and HOME Programs.

Final Action:

Minute Book Number: MB2018-43

Title:

Approve notice of publication setting a Public Comment Period and scheduling a Public Hearing for the 2017 Consolidated Annual Performance and Evaluation Report (CAPER) for the CDBG and HOME Programs. {Entitlement CDBG and HOME}

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: VI.-1

Sponsors:

Enactment Date:

Attachments: CAPER DRAFT 2017.pdf, Notice of Availability, Public Hearing for 2017 CAPER.pdf, executed Notice of Availability, Public Hearing for 2017 CAPER.pdf

Enactment Number:

Contact:

Meeting Date: 02/20/2018

Drafter: Clarence Williams

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
2	City Council	02/20/2018					

Text of Legislative File 2018-223

Title

Approve notice of publication setting a Public Comment Period and scheduling a Public Hearing for the 2017 Consolidated Annual Performance and Evaluation Report (CAPER) for the CDBG and HOME Programs. {Entitlement CDBG and HOME}

Summary

Approve notice of publication setting a Public Comment Period and a Public Hearing for the

2017 CAPER for the CDBG and HOME Programs.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

]

CR-05 - Goals and Outcomes

Progress the jurisdiction has made in carrying out its strategic plan and its action plan. 91.520(a)

This is an overview that includes major initiatives and highlights that were proposed and executed throughout the program year.

The 2017 CAPER describes the results of activities undertaken and completed by and through the City of Hattiesburg's Community Development Division to produce the outcomes identified in the 2017 Annual Action Plan for the period of January 1, 2016 through December 31, 2017. This is the 5th CAPER for the 2013-2017 Consolidated Plan. In order to continue leveraging and maximizing limited resources, the City of Hattiesburg has maintained a Memorandum of Understanding with PRVO to provide weatherization to those homes that under go substantial rehabilitation through the City's Residential Rehabilitation Program.

Accomplishments for the 2017 Program Year:

- Interim Assistance through Breakthrough Community Services – 53 households received utility assistance
- Down Payment Assistance – 4 households
- Substantial Rehabilitation – 6 homes
- Emergency Repair/Minor Home Repair Program - 3
- Disability Advocate: Prepared an ADA Guidelines Packet; Distributed 40 Weather Radios; Organized the second Annual Disability Awareness Day for the City of Hattiesburg ; Conducted over 100 counseling sessions, referrals, and/or home visits and connections for persons with disabilities; Re-wrote the City's Title VI Plan to ensure compliance with Federal guidelines; Co-ordinated the Special Olympics Mississippi for the Hub City Area; and Provided ADA guidelines for all City Departments to ensure that residents with disabilities are better served.

Comparison of the proposed versus actual outcomes for each outcome measure submitted with the consolidated plan and explain, if applicable, why progress was not made toward meeting goals and objectives. 91.520(g)

Categories, priority levels, funding sources and amounts, outcomes/objectives, goal outcome indicators, units of measure, targets, actual outcomes/outputs, and percentage completed for each of the grantee's program year goals.

Goal	Category	Source / Amount	Indicator	Unit of Measure	Expected – Strategic Plan	Actual – Strategic Plan	Percent Complete	Expected – Program Year	Actual – Program Year	Percent Complete
Commercial Rehabilitation	Non-Housing Community Development	CDBG: \$	Facade treatment/business building rehabilitation	Business	5	0	0.00%	0	0	0
Demolition	Demolition	CDBG: \$	Buildings Demolished	Buildings	50	1	0.00%	0	1	.2%
Down Payment Assistance	Affordable Housing	HOME: \$	Direct Financial Assistance to Homebuyers	Households Assisted	10	7	30.00%	3	4	0.00%
Economic Development	Non-Housing Community Development	CDBG: \$	Jobs created/retained	Jobs	10	2	0.00%	1	1	0
Economic Development	Non-Housing Community Development	CDBG: \$10,000	Businesses assisted	Businesses Assisted	10	2	20.00%	1	1	100%
Homeless and Special Needs Housing Units	Affordable Housing Homeless Non-Homeless Special Needs	CDBG: \$	Public Facility or Infrastructure Activities for Low/Moderate Income Housing Benefit	Households Assisted	20	0	0.00%	0	0	0

CAPER

2

Homeless and Special Needs Housing Units	Affordable Housing Homeless Non-Homeless Special Needs	CDBG: \$	Overnight/Emergency Shelter/Transitional Housing Beds added	Beds	50	0	0.00%	0	0	0
Homeless and Special Needs Housing Units	Affordable Housing Homeless Non-Homeless Special Needs	CDBG: \$	Housing for Homeless added	Household Housing Unit	20	0	0.00%	0	0	0
Homeless and Special Needs Housing Units	Affordable Housing Homeless Non-Homeless Special Needs	CDBG: \$	Housing for People with HIV/AIDS added	Household Housing Unit	20	0	0.00%	0	0	0
Housing Programs (including Affordable Housing)	Affordable Housing	CDBG: \$ / HOME: \$	Rental units rehabilitated	Household Housing Unit	2	0	0.00%	0	0	0.00%
Housing Programs (including Affordable Housing)	Affordable Housing	CDBG: \$ / HOME: \$	Homeowner Housing Added	Household Housing Unit	4	4	100.00%	0	1	

CAPER

3

Housing Programs (including Affordable Housing)	Affordable Housing	CDBG: \$ / HOME: \$	Homeowner Housing Rehabilitated	Household Housing Unit	30	12	10.00%	9	9	33.33%
Housing Programs (including Affordable Housing)	Affordable Housing	CDBG: \$ / HOME: \$	Tenant-based rental assistance / Rapid Rehousing	Households Assisted	0	6		0	0	0
Infrastructure	Non-Housing Community Development	CDBG: \$	Public Facility or Infrastructure Activities other than Low/Moderate Income Housing Benefit	Persons Assisted	1000	0	0.00%	0	0	0
Public Facility Improvement	Non-Housing Community Development	CDBG: \$	Public Facility or Infrastructure Activities other than Low/Moderate Income Housing Benefit	Persons Assisted	500	275	55.00%	0	0	0
Public Facility Improvement	Non-Housing Community Development	CDBG: \$	Public Facility or Infrastructure Activities for Low/Moderate Income Housing Benefit	Households Assisted	100	0	0.00%	0	0	0

CAPER

4

Public Services	Homeless Non-Homeless Special Needs Non-Housing Community Development	CDBG: \$	Public service activities other than Low/Moderate Income Housing Benefit	Persons Assisted	1000	190	0.00%	50	140	0.00%
Public Services	Homeless Non-Homeless Special Needs Non-Housing Community Development	CDBG: \$	Homeless Person Overnight Shelter	Persons Assisted	100	0	0.00%	0	0	0
Public Services	Homeless Non-Homeless Special Needs Non-Housing Community Development	CDBG: \$	Homelessness Prevention	Persons Assisted	100	0	0.00%	20	0	0.00%
Public Services	Homeless Non-Homeless Special Needs Non-Housing Community Development	CDBG: \$	HIV/AIDS Housing Operations	Household Housing Unit	100	0	0.00%	0	0	0

Table 1 - Accomplishments – Program Year & Strategic Plan to Date

Assess how the jurisdiction's use of funds, particularly CDBG, addresses the priorities and specific objectives identified in the plan, giving special attention to the highest priority activities identified.

All CDBG and HOME funds expended were directed toward addressing the priorities and objectives identified in the City's Action Plan and Consolidated Plan. Because the City's grant allocations have consistently decreased over the entire 5-Year Consolidated Plan, the City has continued to concentrate on Housing needs as its highest priority. These priority needs areas are: substantial rehabilitation of owner occupied units; basic rehabilitation/emergency repairs; downpayment assistance; limited TBRA; and development of new affordable housing done through one or more of the City's CHDO. As a result, the Community Development Division has continued to focus on and give optimal attention and resources to housing and housing related activities. Therefore, the City has continued to limit and de-emphasize other eligible activities in order not to dilute its efforts in the provision of decent affordable housing.

CR-10 - Racial and Ethnic composition of families assisted

Describe the families assisted (including the racial and ethnic status of families assisted).

91.520(a)

	CDBG	HOME
White	0	1
Black or African American	62	3
Asian	0	0
American Indian or American Native	0	0
Native Hawaiian or Other Pacific Islander	0	0
Total	62	4
Hispanic	0	0
Not Hispanic	62	4

Table 2 – Table of assistance to racial and ethnic populations by source of funds

Narrative

Narrative

The numbers in the above section accounts only for those activities that are a part of the 2017 Annual Action Plan and that were in a completed status during the period of the 2017 Action Plan. There were a number of activities that were completed in 2017 that were funded in prior years Action Plans. there were also numerous accomplishments that can be attributable to the execution of the 2017 Action Plan that are not counted in the above numbers, because some activities are not complete or all the funding had not been expended. Therefore, these have only partial accomplishments reported.

CR-15 - Resources and Investments 91.520(a)

Identify the resources made available

Source of Funds	Source	Resources Made Available	Amount Expended During Program Year
CDBG	CDBG	\$1,127,885.10	\$4446,135.97
HOME	HOME	\$355,354.70	\$39,389.74
HOPWA	HOPWA		
ESG	ESG		
Other	Other		

Table 3 - Resources Made Available

Narrative

Identify the geographic distribution and location of investments

Target Area	Planned Percentage of Allocation	Actual Percentage of Allocation	Narrative Description

Table 4 – Identify the geographic distribution and location of investments

Narrative

Narrative

The City of Hattiesburg does not identify or target any specific areas for its CDBG/HOME Programs activities. However, the nature and scope of the activities undertaken are concentrated in areas that contain majority lo-moderate income households. These activities were conducted primarily in the City's three Southeastern Census Tracts - 010500; 000600; and 000500.

Leveraging

Explain how federal funds leveraged additional resources (private, state and local funds), including a description of how matching requirements were satisfied, as well as how any publicly owned land or property located within the jurisdiction that were used to address the needs identified in the plan.

Narrative

Leveraging

Explain how federal funds leveraged additional resources (private, state and local funds), including a description of how matching requirements were satisfied, as well as how any publicly owned land or property located within the jurisdiction that were used to address the needs identified in the plan.

The City of Hattiesburg continued to partner with subrecipients and other non-profit organizations in the community in order to better disseminate community development funds more broadly. Sometimes these organizations seek to use our funds to leverage other financial resources. Community Connections has applied for Federal HOME Loan Bank monies to support its housing activities. Whether or not these organizations are able to leverage additional funds, they provide leverage in the form non-financial resources, such as their areas of expertise (housing counseling, legal services, homeless and at-risk of being homeless services, and services for those with AIDS), their facilities and their community reports. In addition to formal arrangements with subrecipients, CHDO's, the Community Development Division continues to engage other organizations and build a professional network of other service providers that are working to improve the city and its communities.

Fiscal Year Summary – HOME Match	
1. Excess match from prior Federal fiscal year	0

Fiscal Year Summary – HOME Match	
2. Match contributed during current Federal fiscal year	0
3. Total match available for current Federal fiscal year (Line 1 plus Line 2)	0
4. Match liability for current Federal fiscal year	0
5. Excess match carried over to next Federal fiscal year (Line 3 minus Line 4)	0

Table 5 – Fiscal Year Summary - HOME Match Report

Match Contribution for the Federal Fiscal Year						
Project No. or Other ID	Date of Contribution	Cash (non-Federal sources)	Foregone Taxes, Fees, Charges	Appraised Land/Real Property	Required Infrastructure	Total Match
					Site Preparation, Construction Materials, Donated labor	Bond Financing

Table 6 – Match Contribution for the Federal Fiscal Year

HOME MBE/WBE report

Program Income – Enter the program amounts for the reporting period				
Balance on hand at beginning of reporting period \$	Amount received during reporting period \$	Total amount expended during reporting period \$	Amount expended for TBRA \$	Balance on hand at end of reporting period \$
0	0	0	0	0

Table 7 – Program Income

Minority Business Enterprises and Women Business Enterprises – Indicate the number and dollar value of contracts for HOME projects completed during the reporting period						
	Total	Minority Business Enterprises				White Non-Hispanic
		Alaskan Native or American Indian	Asian or Pacific Islander	Black Non-Hispanic	Hispanic	
Contracts						
Dollar Amount	0	0	0	0	0	0
Number	0	0	0	0	0	0
Sub-Contracts						
Number	0	0	0	0	0	0
Dollar Amount	0	0	0	0	0	0
	Total	Women Business Enterprises	Male			
Contracts						
Dollar Amount	0	0	0			
Number	0	0	0			
Sub-Contracts						
Number	0	0	0			
Dollar Amount	0	0	0			

Table 8 - Minority Business and Women Business Enterprises

Minority Owners of Rental Property – Indicate the number of HOME assisted rental property owners and the total amount of HOME funds in these rental properties assisted						
	Total	Minority Property Owners				White Non-Hispanic
		Alaskan Native or American Indian	Asian or Pacific Islander	Black Non-Hispanic	Hispanic	
Number	0	0	0	0	0	0
Dollar Amount	0	0	0	0	0	0

Table 9 – Minority Owners of Rental Property

Relocation and Real Property Acquisition – Indicate the number of persons displaced, the cost of relocation payments, the number of parcels acquired, and the cost of acquisition						
Parcels Acquired		0	0			
Businesses Displaced		0	0			
Nonprofit Organizations Displaced		0	0			
Households Temporarily Relocated, not Displaced		0	0			
Households Displaced	Total	Minority Property Enterprises				White Non-Hispanic
		Alaskan Native or American Indian	Asian or Pacific Islander	Black Non-Hispanic	Hispanic	
Number	0	0	0	0	0	0
Cost	0	0	0	0	0	0

Table 10 – Relocation and Real Property Acquisition

CR-20 - Affordable Housing 91.520(b)

Evaluation of the jurisdiction's progress in providing affordable housing, including the number and types of families served, the number of extremely low-income, low-income, moderate-income, and middle-income persons served.

	One-Year Goal	Actual
Number of Homeless households to be provided affordable housing units	3	0
Number of Non-Homeless households to be provided affordable housing units	9	4
Number of Special-Needs households to be provided affordable housing units	0	0
Total	12	0

Table 11 – Number of Households

	One-Year Goal	Actual
Number of households supported through Rental Assistance	3	0
Number of households supported through The Production of New Units	0	1
Number of households supported through Rehab of Existing Units	9	9
Number of households supported through Acquisition of Existing Units	0	0
Total	12	10

Table 12 – Number of Households Supported

Discuss the difference between goals and outcomes and problems encountered in meeting these goals.

Discuss the difference between goals and outcomes and problems encountered in meeting these goals.

The City believes that the actual accomplishments reported are indications of success in various programs administered with CDBG and HOME funding. Differences between goals and outcomes can be attributed to two primary factors and a combination thereof. The decrease in CDBG and HOME funding

is the primary reasons goals and outcomes are not matching. The other is that because our program year starts in January and typically the City does not get its actual funding until later in the program year, many activities are delayed in starting, thereby minimizing and giving the appearance of lack of accomplishment toward meeting goals. Another factor could be that, the City in the past has been overly optimistic in its assessment of what can realistically be accomplished, especially when relying on a sub-recipient, or other partners who may have funding shortfall issues of their own.

Discuss how these outcomes will impact future annual action plans.

Discuss how these outcomes will impact future annual action plans.

Future Actions Plans will be less optimistic in its assessment of what can be accomplished, as well as seeking to find additional non-profit agencies that can perform activities effectively as sub-recipients. Because the City's shrunk so drastically over the last four or five years, it is unlikely to have the resources to support more than one or two organizations at minimal funding levels. Future outcomes will also be determined by what activities the City will choose to fund in future Action Plan as well as what available resources the City may have.

Include the number of extremely low-income, low-income, and moderate-income persons served by each activity where information on income by family size is required to determine the eligibility of the activity.

Number of Households Served	CDBG Actual	HOME Actual
Extremely Low-income	3	0
Low-income	3	2
Moderate-income	3	2
Total	9	4

Table 13 – Number of Households Served

Narrative Information

Income eligibility information includes one completed Microenterprise activity; and four down payment assistance grants, in addition to CDBG and HOME housing related activities.

CR-25 - Homeless and Other Special Needs 91.220(d, e); 91.320(d, e); 91.520(c)

Evaluate the jurisdiction's progress in meeting its specific objectives for reducing and ending homelessness through:

Reaching out to homeless persons (especially unsheltered persons) and assessing their individual needs

Evaluate the jurisdiction's progress in meeting its specific objectives for reducing and ending homelessness through:

Reaching out to homeless persons (especially unsheltered persons) and assessing their individual needs

The Pinebelt Coalition on Homelessness, formed in partnership with the City, local providers, and homeless advocates, continues to work to impact homeless individuals through a number of positive ways. One, the network formed has increased knowledge of services available and therefore, allows agencies, the faith community, and advocates to concentrate on how a specific individual can be uplifted. The Coalition acts as the regional committee for the Balance of State Continuum of Care (CoC) and, as such, coordinates the annual Point In Time (PIT) homeless count for the area. In addition to asking questions that are required as a part of this survey, detailed questions are asked about a variety of services that the person or family may have accessed, needed, or been denied. The Pinebelt Coalition leadership uses this important information to feed advocacy and awareness. Each agency providing services in the Hattiesburg area is linked to Mississippi United to End Homelessness (Balance of State) which is working toward a coordinated system of referrals. The members of the Pinebelt Coalition advocate for funding that will help move homeless persons into housing quickly through the CoC rapid rehousing program and through other funding mechanisms. The Salvation Army's Men's Shelter was destroyed in the January 2017 tornado that struck the city of Hattiesburg, and has yet to be rebuilt. The only other available shelter is another city, 35 miles away.

Members of the PCoC include agencies that represent a broad continuum of services – emergency shelter, day shelter, food kitchens, faith-based, transitional shelter, disabled services, veterans' housing, domestic violence shelter, healthcare, and permanent supportive housing. Each agency, through the Coalition is connected - plugged in, so to speak - to what is available...and what is not available. Annually, events such as the Veterans' Stand Down and the Homeless Memorial, awareness events by the Coalition members provide continuing access to homeless persons and those at high risk of being homeless.

Addressing the emergency shelter and transitional housing needs of homeless persons

See above: "Each agency, through the Coalition is connected - plugged in, so to speak - to what is available...and what is not available. For example, lack of day sheltering had been a significant problem

in the area. As a result of participation in the Coalition, advocates – working within the faith-based

Helping low-income individuals and families avoid becoming homeless, especially extremely low-income individuals and families and those who are: likely to become homeless after being discharged from publicly funded institutions and systems of care (such as health care facilities, mental health facilities, foster care and other youth facilities, and corrections programs and institutions); and, receiving assistance from public or private agencies that address housing, health, social services, employment, education, or youth needs

In 2013, the City entered into an agreement with a subrecipient to develop permanent supportive housing in Hattiesburg, and the City entered various subrecipient agreements with non-profits providing services for the homeless (or those at risk) and other special needs populations, which can serve both an immediate basic need such as food or shelter, as well as supportive services that may help prevent individuals and families from becoming homeless again. That agency still has had a number of unresolved issues and has not as of yet produced any housing.

Helping homeless persons (especially chronically homeless individuals and families, families with children, veterans and their families, and unaccompanied youth) make the transition to permanent housing and independent living, including shortening the period of time that individuals and families experience homelessness, facilitating access for homeless individuals and families to affordable housing units, and preventing individuals and families who were recently homeless from becoming homeless again

The Pinebelt Coalition on Homelessness acts as the regional committee for the Balance of State Continuum of Care (CoC), and its respective agencies are well tuned in with the needs of the homeless community and coordinates to the extent feasible given with limited resources to be able to identify and serve individuals that may be discharged from certain publicly funded institutions. Since 2013, there has not been one case of a publicly funded shelter for the chronically homeless.

CR-30 - Public Housing 91.220(h); 91.320(j)

Actions taken to address the needs of public housing

The City of Hattiesburg works collaboratively with the Hattiesburg Housing Authority in the development of the Housing Authority's Annual Plan. The City of Hattiesburg reviews and signs a Certification of Consistency with the Consolidated Plan (HUD 50075). The City of Hattiesburg routinely attends the monthly resident meetings of the Housing Authority to promote community awareness. The City conducted and or participated in housing fairs and other activities where public housing residents were in attendance. At these events, the City staff vigorously marketed the City's Down Payment Assistance program.

Actions taken to encourage public housing residents to become more involved in management and participate in homeownership

The City of Hattiesburg attends the quarterly Resident Advisory Council meetings of the Housing Authority. The Housing Authority works closely with PRVO, The First Bank and other lending institutions in promoting home ownership. The City of Hattiesburg streams information and promotions related to the Down Payment Assistance Program to Housing Authority residents via distribution of flyers, attending monthly resident meeting & the quarterly RAC meetings.

Actions taken to provide assistance to troubled PHAs

The Hattiesburg Housing Authority is not a "troubled" PHA

CR-35 - Other Actions 91.220(j)-(k); 91.320(i)-(j)

Actions taken to remove or ameliorate the negative effects of public policies that serve as barriers to affordable housing such as land use controls, tax policies affecting land, zoning ordinances, building codes, fees and charges, growth limitations, and policies affecting the return on residential investment. 91.220 (j); 91.320 (i)

The City's zoning ordinance and related regulations are conducive to affordable housing development. As public policies are concerned, the only notable barrier to affordable housing has to do with developments that are planned to take place within flood zones where FEMA regulations create limitations on the value and costs of rehabilitation that can take place on existing structures. Historically, new affordable housing has not been created in flood zones when using CDBG or HOME funds because of the challenges of meeting the development requirements. The City has made it known to partner agencies and CHDOs that such new developments are possible given compliance with certain development and insurance requirements.

Actions taken to address obstacles to meeting underserved needs. 91.220(k); 91.320(j)

The implementation of various HUD programs presupposes compliance with a variety of guidelines such as the environmental approval process. Many of the dilapidated structures are relatively old and contain lead based paint. The presence of such often increases the rehabilitation cost (in accordance with Title X of the Housing and Community Development Act of 1992) and results in the project being deemed infeasible. Other requirements found at 40 CFR and 24 CFR part 58 often result in the inability of the City to provide services to those who ironically have the greatest need.

The City continues to seek other funding sources to supplement HUD-funded programs in order to allow for additional work to be done, to avoid becoming hindered by the cost of lead abatement, and to generally leverage HUD-funding for a greater overall impact. The City participates with a local non-profit, R3SM in restoring homes destroyed in the January 2017 tornado by waiving all building permit for those house that are assisted.

Actions taken to reduce lead-based paint hazards. 91.220(k); 91.320(j)

Actions taken to reduce lead-based paint hazards. 91.220(k); 91.320(j)

The implementation of various HUD programs presupposes compliance with a variety of guidelines such as the environmental approval process. Every house that is considered for rehabilitation is tested for lead even before the work write-up is done. Many of the sub-standard structures that the City conducts

rehabilitation on are old and contain lead-based paint. The presence of which often increases the cost of rehabilitation (in accordance with Title X of the Housing and Community Development Act of 1992) and sometimes may result in project being deemed infeasible. Additionally, other requirements found at 40 CFR and 24 CFR part 58 often result in the inability of the City to provide services to those who need assistance the most.

The City continue to seek other funding sources to supplement HUD-funded programs in order to allow for additional work to be performed, to avoid becoming hindered by the cost of lead abatement, and to generally leverage HUD funding for a greater impact.

For the last three years the City has partnered, unsuccessfully partnered with the Mississippi State Department of Health's Lead Poisoning Prevention and Healthy Homes Program to apply for grant funds to assist with the lead testing and lead-abatement.

Actions taken to reduce the number of poverty-level families. 91.220(k); 91.320(j)

The City continued its partnership with Breakthrough community Services to identify those families and individuals in poverty and those without the means to make emergency repairs to their homes. The AIDS Services Coalition provided housing, nutrition, and other supportive services to those living with HIV/AIDS. And even though they are no longer subrecipients, the Domestic Abuse Family Shelter housed and provided supportive services to victims of domestic violence; the Southeast Mississippi Rural Health Initiative facilitated funding for homeless individuals to receive primary healthcare and prescriptions. Pinebelt Coalition on Homelessness continued its meals program for LMI and disabled persons. And the city is hopeful that the AIDS Services Coalition will be able to develop and deliver the promised permanent supportive housing for homeless individuals and families.

Actions taken to develop institutional structure. 91.220(k); 91.320(j)

Typically, the City hosts a quarterly Housing Roundtable, through which different housing and social service organizations collaborate to address housing challenges. In the aftermath of a February 2013 tornado in Hattiesburg, the Housing Roundtable was put on hold, and its members were encouraged to participate in the Unmet Needs Committee that was a part of the effort to help those less fortunate to recover from tornado damage. The Roundtable has been reconvened so that housing agencies can network and share.

Actions taken to enhance coordination between public and private housing and social service agencies. 91.220(k); 91.320(j)

The City undertook a number of activities in conjunction with United Way BankOn Hattiesburg. BankOn Hattiesburg's objective is to provide a wide variety of financial services and products for the un-banked and the under-banked. BankOn partners include banks, credit unions, financial literacy/education providers and area and regional non-profits. Many of these agencies work directly with the City and each other to improve financial health of the City's residents. The City also support a number of these agencies and their initiatives to coordinate their efforts, with duplication. The City also produced a Financial Literacy Master Plan with a grant from the National League of Cities.

Identify actions taken to overcome the effects of any impediments identified in the jurisdictions analysis of impediments to fair housing choice. 91.520(a)

In 2012, the City completed an Analysis of Impediments to Fair Housing Choice. Impediments/challenges identified include 1) a lack of fair housing education, 2) the unavailability of code standard affordable housing for homeownership, 3) the unavailability of code standard housing, both rental and homeownership for low- to moderate-income persons, 4) the unavailability of code standard housing, both rental and homeownership for elderly and disabled, 5) low- to moderate-income persons are un-banked or under-banked and do not understand the need for good credit ratings, 6) the lack of credit worthy low and moderate-income families limit their opportunities to purchase affordable housing and to participate in downpayment assistance programs, and 7) housing to accommodate the needs of persons with HIV/AIDS is virtually non-existent; most property owners have a fear of renting to a person with AIDS. None of these impediments to fair housing choice or affordable housing have been created by a public policy. Many of these impediments can, however, be addressed through proper planning and implementation of the CDBG and HOME Program activities described herein.

In 2017, the City continued to require beneficiaries of the Downpayment Assistance program to take a homebuyer education course prior to approval for an award; the CDBG and HOME Programs continued to focus most of its resources on homeowner occupied rehabilitation and emergency repairs, thereby addressing code compliance and the lack of code standard housing to the greatest extent possible; some of the City's partner agencies continued to offer credit counseling and homebuyer education, thereby addressing credit worthiness and fair housing education; and the City targeted its Public Service awards toward activities that benefited homeless population, those living with HIV/AIDS, the disabled, and special needs populations, which in the case of at least one activity, improved housing accommodations for persons with HIV/AIDS. However, no Public Services awards were made to social services agencies during 201. the primary reason was the lack of funding.

CR-40 - Monitoring 91.220 and 91.230

Describe the standards and procedures used to monitor activities carried out in furtherance of the plan and used to ensure long-term compliance with requirements of the programs involved, including minority business outreach and the comprehensive planning requirements

The City had only one subrecipients and one CHDO that it had to monitor during 2016. Each organization with an active agreement was monitored at least twice in the course of the year except in cases where absolutely no progress was made on the scope of the agreement or in the expenditure of funds, or in cases where progress or expenditure was insignificant and related to an agreement established in a prior year when monitoring was conducted. The City continues to follow its established monitoring procedures that Rental activities developed by CHDOs will receive on-site monitoring inspections no less than every three (3) years (as the only units currently existing are single-family) in accordance with 24 CFR 92.504.

Citizen Participation Plan 91.105(d); 91.115(d)

Describe the efforts to provide citizens with reasonable notice and an opportunity to comment on performance reports.

In 2012, the City went through the process of adopting the 2013-2017 Consolidated Plan and the Annual Action Plan for 2013, which involved several public meetings and presentations and the publication of a draft version of the Plan for public comment. The final version of the 2013-2017 Consolidated Plan and 2013, 2014, 2015 and 2016 Action Plans remain available to the public. Such plans are always available at City Hall or a number of other public building record/reference rooms. During 2017, the City also made available a draft 2016 CAPER in order to solicit public comments. The final version was made available to the public, and remains so. Documents published are made available in two locations in City Hall, the City Library, the County Chancery Clerk's office, and two local community centers. Ample notice of public hearings and public comment periods is given via a posting in the local newspaper, the advertisement for which is additionally approved in public at a regular City Council meeting.

CR-45 - CDBG 91.520(c)

Specify the nature of, and reasons for, any changes in the jurisdiction's program objectives and indications of how the jurisdiction would change its programs as a result of its experiences.

The City's program objectives did not shift in the course of the program year. Housing continues to be the City's primary focus. And given limited resources, the City does not anticipate any changes going forward.

Does this Jurisdiction have any open Brownfields Economic Development Initiative (BEDI) grants?

No

[BEDI grantees] Describe accomplishments and program outcomes during the last year.

CR-50 - HOME 91.520(d)

Include the results of on-site inspections of affordable rental housing assisted under the program to determine compliance with housing codes and other applicable regulations

Please list those projects that should have been inspected on-site this program year based upon the schedule in §92.504(d). Indicate which of these were inspected and a summary of issues that were detected during the inspection. For those that were not inspected, please indicate the reason and how you will remedy the situation.

There are two properties located at 1205 Country Club Road and Hall Avenue. They are owned by Breakthrough Community Services. There were no issues detected during the inspection.

Provide an assessment of the jurisdiction's affirmative marketing actions for HOME units. 92.351(b)

Relative to marketing its program offerings, the City holds public hearings at least two times annually. There is an existing list of applicants waiting for services. With regard to identifying MBEs, WBEs and otherwise DBEs, the City works with other organizations such as the Area Development Partnership and the Mississippi Development Authority to provide information and services aimed at including these entities in all of its programs.

Refer to IDIS reports to describe the amount and use of program income for projects, including the number of projects and owner and tenant characteristics

The City of Hattiesburg administers no activities/projects/programs relative to its CDBG or HOME program that generates Program Income.

Describe other actions taken to foster and maintain affordable housing. 91.220(k) (STATES ONLY: Including the coordination of LIHTC with the development of affordable housing). 91.320(j)

The City through one of its CHDO completed new construction of a single family home which was sold to an eligible homebuying household. The City also continues to offer TBRA to a limited number of eligible families and households. The City continues to actively advertise and promote its Down Payment Assistance Program.

**NOTICE OF AVAILABILITY, PUBLIC HEARING, AND
PUBLIC COMMENT PERIOD REGARDING:
2017 CONSOLIDATED ANNUAL PERFORMANCE AND EVALUATION REPORT FOR
HOUSING AND COMMUNITY DEVELOPMENT PROGRAMS**

ATTENTION: ALL HATTIESBURG, MISSISSIPPI RESIDENTS

The City of Hattiesburg, Mississippi, as required by the U.S. Department of Housing and Urban Development, has prepared a DRAFT 2017 Consolidated Annual Performance and Evaluation Report (CAPER). The report provides details on the activities proposed and completed during the 2017 program year using Community Development Block Grant (CDBG) and HOME Investment Partnerships Program (HOME) entitlement funds.

The draft report will be available for review beginning February 16, 2018, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday, until 5 p.m. March 9, 2018, at the following locations:

City Hall
200 Forrest Street
City Clerk's Office
Hattiesburg, MS 39401

Hattiesburg Public Library
329 Hardy Street
Hattiesburg, MS 39401

C.E. Roy Community Center
300 East 5th Street
Hattiesburg, MS 39401

NOTICE is hereby given that the City of Hattiesburg Department of Urban Development has scheduled a public hearing for Friday, March 9, 2018 at 5:30 p.m. in the Jackie Dole Sherrill Community Center, 220 West Front Street, Jackie Dole Sherrill Community Center, 220 West Front Street, for the purpose of affording citizens of Hattiesburg an opportunity to comment on the Draft CAPER.

Comments related to the performance report may be mailed to the attention of Clarence P. Williams at the Department of Urban Development, City of Hattiesburg, P.O. Box 1898, Hattiesburg, Mississippi 39403-1898, or delivered to City Hall, First Floor, Department of Federal and State Programs, 200 Forrest Street. Comments will be considered through March 12, 2018.

PUBLISHED by Order of the Council on this, the 20th day of February, 2018

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____

CITY CLERK

(SEAL)

Toby Barker, Mayor

PUBLISH Once in the Hattiesburg Post: Thursday, February 22, 2018

**NOTICE OF AVAILABILITY, PUBLIC HEARING, AND
PUBLIC COMMENT PERIOD REGARDING:
2017 CONSOLIDATED ANNUAL PERFORMANCE AND EVALUATION REPORT FOR
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Toby Barker, Mayor

PUBLISH Once in the Hattiesburg Post: Thursday, February 22, 2018



City of Hattiesburg, MS

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

Master

File Number: 2018-217

File ID: 2018-217

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 02/08/2018

Brief Title: Monthly budget report for the month ending 1/31/2018.

Final Action:

Minute Book Number: MB2018-43

Title:

Acknowledge receipt of the monthly budget report for the month ending January 31, 2018, on permanent file in the City Clerk's Office.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: VI.-2

Sponsors:

Enactment Date:

Attachments: REV18.0118, EXP18.0118

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	02/20/2018					

Text of Legislative File 2018-217

Title

Acknowledge receipt of the monthly budget report for the month ending January 31, 2018, on permanent file in the City Clerk's Office.

Summary

Monthly budget report for the month ending January 31, 2018.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

1
2/01/18

.....CURRENT.....			YEAR-TO-DATE.....		
ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV

UNREALIZED
BALANCE

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
TAXES-OTHER	206A								
PAYMENT IN LIEU OF TAXE	2060								
HOUSING AUTHORITY	2065	2,916	35819	1228	11,667	35819	307	35000	819-
MERCHANTS COMPANY	2066								
COLLECTIONS-P/Y EXCESS	2070								
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PAYMENT IN LIEU OF T		2,916	35819	1228	11,667	35819	307	35000	819-
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TAXES-OTHER		2,916	35819	1228	11,667	35819	307	35000	819-
LICENSES, PERMITS & FEES	220A								
PRIVILEGE LICENSES	2200	11,250	10244	91	45,000	48393	107	135000	86607
FRANCHISES	2210								
ELECTRICAL FRANCHISE	2211	250,000	550230	220	1,000,000	1247936	124	3000000	1752064
SOLID WASTE OPER/FRANC	2212	14,166	13643	96	56,667	52173	92	170000	117827
AT&T UVERSE VIDEO/FRAN	2213								
GAS FRANCHISE	2215	12,083	27444	227	48,333	46762	96	145000	98238
CSPIRE FIBER-TELEPAK F	2218		251			471			471-
CABLE T.V. FRANCHISE	2219	38,750			155,000	106917	68	465000	358083
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FRANCHISES		315,000	591567	187	1,260,000	1454258	115	3780000	2325742
BLDG/INSP PERMITS & FEE	2220								
BUILDING PERMIT/INSPEC	2221	39,166	24185	61	156,667	84503	53	470000	385497
FIRE INSPECTION	2222								
SIGN PERMIT	2223	1,500	606	40	6,000	4967	82	18000	13033
LAND CODE ENFORCEMENT	2224	2,916	1835	62	11,667	7045	60	35000	27955
GAS & PLUMBING	2225	625	1050	168	2,500	4150	166	7500	3350
ELECTRICAL INSPECTION	2226	916	814	88	3,667	3582	97	11000	7418
DEMOLITION PERMIT	2227	166	362	218	667	762	114	2000	1238
HOUSE MOVING	2228	41	100	243	167	700	419	500	200-
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BLDG/INSP PERMITS &		45,333	28952	63	181,333	105709	58	544000	438291
OTHER PERMITS & FEES	2230								
PUBLIC RECORDS ACCESS	2233								
PROPERTY CLEAN-UP COST	2234								
TAXI BADGE PERMIT	2235								
WRECKER REGISTRATION F	2236	41			167			500	500
BURN OR MISC FIRE PERM	2237	250	120	48	1,000	440	44	3000	2560
AMBULANCE PERMIT	2238	75	900	1200	300	900	300	900	
ZONING PETITION FEE	2240								
ZONING CERTIFICATE FEE	2245	583	275	47	2,333	1800	77	7000	5200
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	80	195	167	120	71	500	380
MISC. PERMITS & FEES	2299	4,166	5067	121	16,667	42675	256	50000	7325
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OTHER PERMITS & FEES		5,158	6442	124	20,633	45935	222	61900	15965
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LICENSES, PERMITS & F		376,741	637206	169	1,506,967	1654295	109	4520900	2866605
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			27,183	18623	68	81550	62927
JUST.-BYRNE GRANTS	2311	1,641			6,568	11822	179	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			5904-
NRCS-USDA STORM RELATED	2322	51,153			204,613			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			1,141,667	1838872	161	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								
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FEDERAL GRANTS		345,007	5904	1	1,380,030	1882685	136	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			25,000			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			8,932	7717	86	26795	19078
ALCOHOL INCENTIVE	2527	5,542	2146	38	22,168	19644	88	66504	46860
JUSTICE ASSISTANCE	2528								
TORNADO RECOVERY-MDA GR	2529	8,333			33,333	100000	300	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	2146	9	89,433	131183	146	268299	137116
STATE-SHARED REVENUE	260B								
GENERAL SALES TAX	2600	1,841,666	1832487	99	7,366,667	7251577	98	22100000	14848423
CITY UTILITY TAX	2601	750	591	78	3,000	2304	76	9000	6696
SALES TAX-SRF REIMB.	2602		8289			33156			33156
ALCOHOLIC BEV. LICENSE	2610	11,666	12581	107	46,667	48000	102	140000	92000
MOTOR VEH.PRIVILEGE TAX	2635								
PAT HARRISON WATERWAY D	2665								
MPO-METROPOLITAN PLANNI	2670	50,513			202,055			606166	606166
MISC DORMANT ACCOUNT RF	2699								
STATE-SHARED REVENUE		1,904,597	1853949	97	7,618,389	7335037	96	22855166	15520129
CITY/COUNTY-SHARED REVEN	270B								
FORREST CTY	2705								
FORREST CTY CAMP SHELBY	2705								
FORREST CTY GORDON CRK	2705								
FORREST GENERAL CTY HOS	2706								
FORREST-INFRAST.IMPR.	2707								
LAMAR-INFRAST.IMPR.	2708								
LAMAR/FORREST-HAZ.WASTE	2709								
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			20,000	5000	25	60000	55000
FIRE DPT.SERV FOR OTHE	2860								
800 MHZ RADIO ACCESS F	2865								
POLICE/FIRE-SPECIAL DU	2870	9,583	11979	125	38,333	51270	133	115000	63730
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			5,667	1981	34	17000	15019
FED BUREAU INVEST O/T	2884	833			3,333	172	5	10000	9828

PUBLIC SAFETY		16,833	11979	71	67,333	60224	89	202000	141776
TROLLEY SERVICE	2890								
CONV.CENTER TROLLEY FE	2895								
TROLLEY RECEIPTS	2896								

TROLLEY SERVICE									
STREETS	2900								
STREET WORK	2901								
PARKING METERS	2910					243			243-
PARKING FINES	2915	41	60	146	167	190	113	500	310
CROSSING LIGHT FEES	2920								
LOT CLEAN-UP/HEAVY TRA	2930	41			167			500	500
CDBG LOT CLEAN-UP/DEMO	2931								

STREETS		83	60	72	333	433	130	1000	567
SANITATION	2950								
RECYCLING PICK UP	2951	5,000	4256	85	20,000	13651	68	60000	46349
TRASH HAULING	2960	8,333	7807	93	33,333	25259	75	100000	74741
RESIDENTL WASTE COLLEC	2965	169,583	142965	84	678,333	469795	69	2035000	1565205
SANITA-REFUND & RECOVE	2970		147-			2745-			2745

SANITATION		182,916	154881	84	731,667	505961	69	2195000	1689039

CHARGES FOR SERVICES		199,833	166920	83	799,333	566617	70	2398000	1831383
FINES AND FORFEITS	330A								
POLICE FINES	3320	91,666	39823	43	366,667	171563	46	1100000	928437
CITY COURT COSTS	3321	10,833	5460	50	43,333	24028	55	130000	105972
CCC-JAIL REIMB.	3322	83	1	1	333	13	3	1000	987
ENVIR CT-CODE VIOLATION	3323	250	51	20	1,000	251	25	3000	2749
ANIMAL CONTROL	3327	333	87	26	1,333	759	56	4000	3241
COURT TECHNOLOGY FEE	3328								

FINES AND FORFEITS		103,166	45423	44	412,667	196614	47	1238000	1041386
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								

CERTIFICATES OF DEPOSIT	3402								
OTHER INTEREST-CD'S	3403								
SAVINGS ACCOUNT/MMA	3405	416	3930	944	1,667	20936	1255	5000	15936-
INTEREST-GRANT MONIES	3406								
OTHER INTEREST-MMA	3407								
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
-----		-----	-----	-----	-----	-----	-----	-----	-----
INTEREST EARNINGS		416	3930	944	1,667	20936	1255	5000	15936-
RENTS AND ROYALTIES	3410								
LAND	3411								
LAMAR OUTDOOR ADVERTISING	3411 05								
ALWEST ADVERTISING	3411 10								
MS.POWER-HWY.42	3411 11								
TRITELL COMMUNICATION	3411 12								
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LAND									
BUILDING	3412								
TRAIN DEPOT FACILITY	3412 01	1,750	1300	74	7,000	5750	82	21000	15250
P&F ACADEMY RENTALS	3412 02								
SEXUAL ASSAULT CRISIS	3412 05								
MERCHANTS	3412 07	200	200	100	800	800	100	2400	1600
DEPOT - AMTRAK	3412 08								
USM CELLULAR ONE RENT	3412 41								
MISC CELL TOWER REVENUE	3412 45								
HUBSOUTH/WATER TOWER	3412 62								
OTHER BLDG. RENT	3412 99								
-----		-----	-----	-----	-----	-----	-----	-----	-----
BUILDING		1,950	1500	76	7,800	6550	83	23400	16850
PARKING GARAGE-CIVIC CENTER	3415	2,083	5003	240	8,333	9898	118	25000	15103
PARKING GARAGE-PINE STREET	3416	2,625	4710	179	10,500	15175	144	31500	16325
PARKING SPACES	3417								
MAIN STREET PARKING LOT	3417 01	416	1910	459	1,667	3440	206	5000	1560
CHURCH PARKING LOT	3417 02	416	750	180	1,667	1875	112	5000	3125
RAILROAD PARKING LOT	3417 03	1,250	2400	192	5,000	6000	120	15000	9000
MOBILE ST. PKG.LOT #1	3417 04		50			150			150-
MOBILE ST. PKG.LOT #2	3417 05	83			333			1000	1000
BATSON STREET PKG. LOT	3417 06								
HEMPHILL PKG. LOT	3417 07	208	300	144	833	450	54	2500	2050
EAST PINE PKG.LOT	3417 08		300			300			300-
PARKING-MISC	3417 09								
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PARKING SPACES		2,375	5710	240	9,500	12215	128	28500	16285
EQUIPMENT	3419								
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RENTS AND ROYALTIES		9,033	16923	187	36,133	43838	121	108400	64563
CEMETERY FEES	3420	2,916	6702	229	11,667	15149	129	35000	19851
CONTRIBUTIONS-PUBLIC	3450								
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		8,333		25000	25000	
CONTRIBUTIONS-FORREST	3455								
CONTR-HISTORIC HBRG D	3455	01	2,083		8,333	25000	300	25000	
CONTR-FRST CTY MUN CT	3455	02							

CONTRIBUTIONS-FORRE			2,083		8,333	25000	300	25000	
CONTRIB-MDTWN STDY MAT	3458								
CONTRIBUTIONS-OTHER	3459		83		333			1000	1000

CONTRIBUTIONS-PUBLIC			4,250		17,000	25000	147	51000	26000
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-TREE GRANT ECO	3460	01							
CONTRIB-EUREKA SCHOOL	3461								
CONTRIB-NCBM-BROWNFIELD	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			4000		6100			6100-
CONTRIB-NLC HEALTH INI	3471								
CONTRIB-NLC FISCL	3472								

CONTRIBUTIONS-PRIVAT				4000		6100			6100-
POLICE DEPT-MISC CHARGE	3590		4,583	2938	64	18,333	19191	104	55000
OTHER MISC. REVENUE	3599								35809
MS POWER ENRGY EFFIC P	3599	01	3,750			15,000			45000

OTHER MISC. REVENUE			3,750			15,000			45000

MISCELLANEOUS			24,950	34492	138	99,800	130214	130	299400
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F H'BURG REDEV.AUTH.	3800	101							
T/F GOVERNMENT COMPLEX	3800	104							
T/F 2002 USA YEAST/LAG	3800	106							
T/F SPEC.SALES TAX	3800	107							
T/F WATER & SEWER	3800	11	41,666			166,667			500000
T/F '99 TIF B&I CONSTR	3800	12	574			2,298			6895
T/F POL.FORFEITURES	3800	19							
T/F POL.FORF O/T(HURR	3800	19HR							
T/F '02 TIF B&I HOME D	3800	21	5,630			22,523			67570
T/F '03 TIF B&I CHAUVE	3800	22							67570
T/F TAX COLLECTORS-GPT	3800	27	1,426,166	3119792	218	5,704,667	3606814	63	17114000
T/F TAX COLL-C.C.FEE	3800	27CC							13507186
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	7299	22	130,000	46744	35	390000	343256
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	3127091	207	6,026,155	3653559	60	18078465	14424906
TRANSFERS			1,506,538	3127091	207	6,026,155	3653559	60	18078465	14424906
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	7758	143	21,667	21465	99	65000	43535
SALE OF EQUIPMENT	3940		4,166			16,667			50000	50000
SALE OF SCRAP MATERIAL	3943		83	132	159	333	596	178	1000	404
SALE OF MISC. ITEMS	3945									
SALE OF MAPS/PUBLICATIO	3947									
SALE OF RECYCLABLE ITEM	3948									
MDB LOAN PYMT-HUB CITY	3950		10,117	10118	100	40,471	40471	100	121412	80941
COPIES/RECORDS REQUEST	3959									
KERR MAGEE PROJECT	3960									
MS TANK PROJECT	3961									
INSURANCE REIMB-STORM	3962		12,500	108863	870	50,000	108863	217	150000	41137
VENDING COMM./REFUNDS	3964									
REFUND & RECOVERY	3965		833	945	113	3,333	8571	257	10000	1429
RECOVERY OF DAMAGE CLAI	3967									
REFUND/RECOVERY-INFO SY	3968									
RECOVERY-PERS SERV/EQUI	3969						2287			2287-
CAPITAL LEASE PROCEEDS	3970		108,750			435,000			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	127815	90	567,471	182252	32	1702412	1520160
BEGINNING CASH BALANCE	399A									
APPROPRIABLE FUND BALAN	3999		445,190			1,780,763			5342290	5342290
BEGINNING CASH BALANC			445,190			1,780,763			5342290	5342290

REVENUES

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	5,073,168	6036764	118	20,292,674	15768275	77	60878023	45109748

2/01/18

4 MONTHS ENDING 01/31/18

	OBJ/SUB	CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
		ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
LICENSES, PERMITS & FEES	220A								
OTHER PERMITS & FEES	2230								
NSF CHECK FEE	2290								
OTHER PERMITS & FEES									
LICENSES, PERMITS & F									
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
FEMA RELIEF	2337								
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			133			400	400
SWIM FEES-DAHMER PARK	3112	25			100			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			1,333			4000	4000
KAMPER PARK CONCESSION	3130								
BALLPARK CONCESSIONS	3131								

CERAMIC CONCESSIONS	3134								
KPZ GIFT SHOP CONCESSIONS	3135								
ZOO ADMISSIONS	3137								
TATUM PK PAVILION USE	3138		13		53	40	75	160	120
EASTSIDE PK PAVILION USE	3139		33		133			400	400
MCNAIR REC CTR USE FEE	3140								
KPZ PAVILION USE FEE	3145								
DAHMER PAVILION USE FEE	3147		83		333	80	24	1000	920
KP ED CENTER USE FEE	3149								
BALLFIELD USE FEES	3150		250		1,000			3000	3000
PARKS-MISC USE FEES	3151		150		600	385	64	1800	1415
YOUTH TEAM FEES	3160								
FLAG FOOTBALL	3160	01							
LITTLE TIGERS BASKETBALL	3160	02		3285		4050			4050
JUNIOR GOLF FEES	3160	03							
YOUTH TRACK & FIELD	3160	04							
T-BALL	3160	05							
GIRLS' SOFTBALL	3160	06							
BOYS' SOFTBALL	3160	07							
GIRLS FASTPITCH	3160	10							
BOYS FASTPITCH	3160	11							
TACKLE FOOTBALL	3160	15							
CHEER LEADING	3160	20		630		720			720
YOUTH TEAM FEES				3915		4770			4770
ADULT TEAM FEES	3162								
CHURCH LEAGUE BASKETBALL	3162	01							
ADULT BASKETBALL	3162	02		525		2,100		6300	6300
ADULT CO-ED SOFTBALL	3162	03		525		2,100	1000	6300	5300
ADULT MEN'S SOFTBALL	3162	04		833		3,333	1500	10000	8500
ADULT WOMEN'S SOFTBALL	3162	05							
ADULT FOOTBALL	3162	06							
ADULT SOFTBALL-CHURCH	3162	07							
ADULT SOCCER	3162	08							
ADULT FLAG FOOTBALL	3162	09							
ADULT TEAM FEES				1,883		7,533	2500	33	22600
CERAMICS CLASS FEES	3170								
DRAMA, ART, DANCE LESSON	3178								
"MOKEY" TRAIN RIDES	3181								
CAROUSEL RIDES	3185								
OTHER	3190								
CULTURE AND RECREATION				2,805	3915	139	11,220	7775	69
CHARGES FOR SERVICES				2,805	3915	139	11,220	7775	69
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								

SAVINGS ACCOUNT/MMA	3405	58	64	110	233	277	118	700	423
INTEREST EARNINGS		58	64	110	233	277	118	700	423
CONTRIBUTIONS-PUBLIC	3450								
CONTRIBUTIONS-FORREST	3455	2,083			8,333			25000	25000
CONTRIBUTIONS-PUBLIC		2,083			8,333			25000	25000
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-POLICEMAN'S BE	3461								
CONTRIB-MS TENNIS ASSO	3462								
CONTRIB-SENIOR FARE	3463								
CONTRIB-SENIOR PROM	3464								
CONTRIB-HWY 49/7th ST	3468								
CONTRIB-OTHER	3469		500			500			500-
CONTRIBUTIONS-PRIVAT			500			500			500-
MISCELLANEOUS		2,141	564	26	8,567	777	9	25700	24923
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01	214,166			856,667	570000	66	2570000	2000000
T/F TAX COLLECTORS-GPT	3800 27	73,333	158178	215	293,333	184154	62	880000	695846
TRANSFERS FROM OTHR		287,500	158178	55	1,150,000	754154	65	3450000	2695846
TRANSFERS		287,500	158178	55	1,150,000	754154	65	3450000	2695846
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			219,546			658638	658638
BEGINNING CASH BALANC		54,886			219,546			658638	658638
REVENUES		347,333	162658	46	1,389,333	762572	54	4167998	3405426

004004 - LIBRARY FUND REVENUES

CITY OF HATTIESBURG
REVENUE REPORT
ALL FUNDS
4 MONTHS ENDING 01/31/18

2/01/18

	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		153961			179261			179261-
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR			153961			179261			179261-
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS			153961			179261			179261-
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES			153961			179261			179261-

005005 - H.M.F.P.FUND REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

4 MONTHS ENDING 01/31/18

2/01/18

	OBJ/SUB	CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
		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			83,333			250000	250000
FIRE INS REBATE/CODE EN	2625	583			2,333			7000	7000
		-----	-----	----	-----	-----	----	-----	-----
STATE-SHARED REVENUE		21,416			85,667			257000	257000
CHARGES FOR SERVICES	280A								
PUBLIC SAFETY	2850								
FIRE PROT.SHARE-USM	2862	7,971			31,884			95652	95652
HAZ.MAT.TRAINING FEES	2885								
		-----	-----	----	-----	-----	----	-----	-----
PUBLIC SAFETY		7,971			31,884			95652	95652
		-----	-----	----	-----	-----	----	-----	-----
CHARGES FOR SERVICES		7,971			31,884			95652	95652
FINES AND FORFEITS	330A								
FIRE CODE VIOLATIONS	3325					137			137-
		-----	-----	----	-----	-----	----	-----	-----
FINES AND FORFEITS						137			137-
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	250	463	185	1,000	2132	213	3000	868
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS		250	463	185	1,000	2132	213	3000	868
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-OTHER	3469								
		-----	-----	----	-----	-----	----	-----	-----
CONTRIBUTIONS-PRIVATE									
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS		250	463	185	1,000	2132	213	3000	868
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			150,000			450000	450000

NOTE PROCEEDS	3975							
FIRE STATION	3975 03							
NOTE PROCEEDS								
NON-REVENUE RECEIPTS		37,500			150,000		450000	450000
BEGINNING CASH BALANCE	399A							
APPROPRIABLE FUND BALAN	3999	63,919			255,678		767033	767033
BEGINNING CASH BALANC		63,919			255,678		767033	767033
REVENUES		131,057	463		524,228	2269	1572685	1570416

2/01/18

UNREALIZED
BALANCE

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
FAUS GRANT(LINC#1)	2331								
FAUS GRANT(LINC#2)	2332								
FAUS GRANT(CLASSIC DR)	2334								
FAUS GRANT(S.28TH)	2335								
FAUS GRANT(LINC#4)	2336								
	-----	-----	-----	----	-----	-----	----	-----	-----
FEDERAL GRANTS									
STATE-SHARED REVENUE	260B								
MUNICIPAL AID	2650	5,000	13339	266	20,000	36272	181	60000	23728
	-----	-----	-----	----	-----	-----	----	-----	-----
STATE-SHARED REVENUE		5,000	13339	266	20,000	36272	181	60000	23728
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	41	74	180	167	241	144	500	259
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS		41	74	180	167	241	144	500	259
CONTRIBUTIONS-PUBLIC	3450								
CONTRIB-USM-CLASSIC DR	3452								
CONTRIBUTIONS-FORREST	3455								
	-----	-----	-----	----	-----	-----	----	-----	-----
CONTRIBUTIONS-PUBLIC									
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS		41	74	180	167	241	144	500	259
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			22,687			68062	68062
	-----	-----	-----	-----	-----	-----	-----	-----
BEGINNING CASH BALANC	5,671			22,687			68062	68062
	-----	-----	-----	-----	-----	-----	-----	-----
REVENUES	10,713	13412	125	42,854	36513	85	128562	92049

INSURANCE REIMB-STORM	3962	4,750			19,000	57000	300	57000	
REFUND & RECOVERY	3965								
RECOVERY OF DAMAGE CLAI	3967								
CAPITAL LEASE PROCEEDS	3970								

NON-REVENUE RECEIPTS		4,750			19,000	57000	300	57000	
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	109,940			439,761			1319283	1319283

BEGINNING CASH BALANC		109,940			439,761			1319283	1319283

REVENUES		987,956	782628	79	3,951,828	2589718	65	11855483	9265765

010010 - W&S B&I REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

		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	1512	363	1,667	4340	260	5000	660
OTHER INTEREST-MMA	3407	250	1454	581	1,000	5103	510	3000	2103-
TREASURY NOTES	3409								
INTEREST EARNINGS		666	2967	445	2,667	9443	354	8000	1443-
MISCELLANEOUS		666	2967	445	2,667	9443	354	8000	1443-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	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	300,000	225000	75	900000	675000
T/F WATER & SEWER '13	3800 11C	131,250	131250	100	525,000	393750	75	1575000	1181250
T/F WATER & SEWER '16	3800 11D	266,666	266667	100	1,066,667	800000	74	3200000	2400000
T/F '10 W&S GO BONDS	3800 11GO	40,000	40000	100	160,000	120000	75	480000	360000
T/F WTR/SWR(METER GO)	3800 11M	58,333	58333	100	233,333	175000	75	700000	525000
T/F W&S '16 REF BOND	3800 11REF	126,666	126667	100	506,667	380000	74	1520000	1140000
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 OTHER		697,916	697917	100	2,791,667	2093750	74	8375000	6281250
TRANSFERS		697,916	697917	100	2,791,667	2093750	74	8375000	6281250
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 BALANCE	3999	934,734			3,738,938			11216815	11216815

BEGINNING CASH BALANC	934,734			3,738,938			11216815	11216815
REVENUES	1,633,317	700884	42	6,533,272	2103193	32	19599815	17496622

011011 - WATER & SEWER REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

4 MONTHS ENDING 01/31/18

2/01/18

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	200								
LICENSES, PERMITS & FEES	220A								
OTHER PERMITS & FEES	2230								
NSF CHECK FEE	2290	333	280	84	1,333	2000	150	4000	2000
OTHER PERMITS & FEES		333	280	84	1,333	2000	150	4000	2000
LICENSES, PERMITS & F		333	280	84	1,333	2000	150	4000	2000
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	291	167	57	1,167	731	62	3500	2769
INTEREST EARNINGS		291	167	57	1,167	731	62	3500	2769
MISCELLANEOUS		291	167	57	1,167	731	62	3500	2769
ENTERPRISE ACCOUNTS	360A								
METERED WATER SALES	3600		2209174			2209174			2209174
RESIDENTIAL WATER-NO T	3600 01	477,000			1,908,000	1257107	65	5724000	4466893
NON-RESIDENTIAL WATER	3600 011	158,433			633,733	457908	72	1901200	1443292
TAXABLE WATER SALES	3600 02	248,500			994,000	690853	69	2982000	2291147
TAXABLE WATER-USA YEAS	3600 03	12,500			50,000	16711	33	150000	133289
METERED WATER SALES		896,433	2209174	246	3,585,733	4631753	129	10757200	6125447
WATER TAPS	3610	12,500	5484	43	50,000	35517	71	150000	114483
WATER TURN-ON FEE	3620	4,166	3250	78	16,667	15150	90	50000	34850
SEWER TAPS	3625	3,333	3605	108	13,333	9605	72	40000	30395
SEWER CHARGES	3630								
NON-RESIDENTIAL SEWER	3630 01	291,666			1,166,667	840699	72	3500000	2659301
RESIDENTIAL SEWER	3630 02	479,500			1,918,000	1239644	64	5754000	4514356
LAMAR PARK SEWER	3630 03	17,500			70,000	42498	60	210000	167502
MARSHALL DURBIN SEWER	3630 04	37,500			150,000	150585	100	450000	299415
PETAL SEWER	3630 05	37,500			150,000	110840	73	450000	339160
HERCULES	3630 06								
PBRSWMA-LEACHATE	3630 07	300			1,200	887	73	3600	2713
ZEON CHEMICALS	3630 08	2,083			8,333	2884	34	25000	22116
USA YEAST SEWER	3630 09	16,666			66,667	34256	51	200000	165744
DAIRY FRESH SEWER	3630 10	7,500			30,000	23579	78	90000	66421
OTHER SPEC SWR CONTRAC	3630 11								
SEWER CHARGES		890,216			3,560,867	2445872	68	10682600	8236728
SEWERAGE TREATMENT	3720								
ENTERPRISE ACCOUNTS		1,806,650	2221513	122	7,226,600	7137897	98	21679800	14541903

NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
REBATE-PROJ PERFOR CONT	3969					7512-			7512
NON-REVENUE RECEIPTS						7512-			7512
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999								
BEGINNING CASH BALANC									
REVENUES		1,807,275	2221960	122	7,229,100	7133116	98	21687300	14554184

012012 - 1999 TAX INCRE B&I-REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	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								
FORREST CTY	2705								
CITY/COUNTY-SHARED RE									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		1			3			3-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS			1			3			3-
MISCELLANEOUS			1			3			3-
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			2,298			6895	6895
BEGINNING CASH BALANC		574			2,298			6895	6895
REVENUES		574	1		2,298	3		6895	6892

2/01/18

UNREALIZED
BALANCE

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	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	2735	469	2,333	10666	457	7000	3666-
OTHER INTEREST-MMA	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS		583	2735	469	2,333	10666	457	7000	3666-
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	2735	469	2,333	10666	457	7000	3666-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01								
T/F SPEC.SALES TAX	3800 107	10,426			41,707			125120	125120
T/F TAX COLLECTORS-GPT	3800 27	211,666	458628	216	846,667	537581	63	2540000	2002419
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	458628	206	888,373	537581	60	2665120	2127539
TRANSFERS		222,093	458628	206	888,373	537581	60	2665120	2127539
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
SALE OF BONDS	3912								
BOND PREMIUM	3913								

ACCURED INT-RFDG BONDS	3915								
SALE OF BONDS									
SALE OF REAL ESTATE-SAC	3920	17,841			71,367	54550	76	214100	159550
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS		17,841			71,367	54550	76	214100	159550
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	417,153			1,668,612			5005836	5005836
BEGINNING CASH BALANC		417,153			1,668,612			5005836	5005836
REVENUES		657,671	461363	70	2,630,685	602798	22	7892056	7289258

014014 - SCHOOL FUND REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	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			2716338				3138678			3138678-
T/F TAX COLL-GPT-'88 B	3800 27SB			356690				410569			410569-
	-----	-----	-----	-----	----	-----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR				3073028				3549248			3549248-
	-----	-----	-----	-----	----	-----	-----	-----	----	-----	-----
TRANSFERS				3073028				3549248			3549248-
	-----	-----	-----	-----	----	-----	-----	-----	----	-----	-----
REVENUES				3073028				3549248			3549248-

015015 - W&S B&I USA YEAST REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	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 PRO	3800 106								
T/F WATER & SEWER	3800 11								
TRANSFERS FROM OTHER									
TRANSFERS									
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PREMIUM	3913								
ACCRUED INT-'02 W&S BO	3915								
SALE OF BONDS									
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	1			7			22	22
BEGINNING CASH BALANCE		1			7			22	22
REVENUES		1			7			22	22

018018 - P&FD&R REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
SAVINGS ACCOUNT/MMA	3405								
INTEREST EARNINGS									
P&FD&R EMPLOYEE CONTRIB	3470		423			1910			1910-
MISCELLANEOUS			423			1910			1910-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27		262749			304752			304752-
TRANSFERS FROM OTHR			262749			304752			304752-
TRANSFERS			262749			304752			304752-
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999								
BEGINNING CASH BALANC									
REVENUES			263172			306662			306662-

019019 - POL.FORFEITURES REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

4 MONTHS ENDING 01/31/18

2/01/18

		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								
JUST.-TREAS(ATF)	2306								
JUST.-HURRICANE RELIEF	2308								

FEDERAL GRANTS									
STATE GRANTS	250B								
CRIME PREVENTION PROGRA	2516								
PR VOTECH TRAINING	2517								
ATT'Y GEN./TOBACCO REVE	2525								

STATE GRANTS									
CHARGES FOR SERVICES	280A								
PUBLIC SAFETY	2850								
K-9 TRAINING	2872								
BAD CHECK PROC. FEES	2875					1200			1200-
DISPATCHER TRNG. FEES	2890								
SWORN TRNG FEES	2891								
NON-SWORN TRNG FEES	2892								
METRO CRIME SCENE FEES	2895								
METRO CRIME SCENE-LAM	2895 01								
METRO CRIME SCENE-PET	2895 02								
METRO CRIME SCENE-FOR	2895 03								
METRO CRIME SCENE-PER	2895 04								

METRO CRIME SCENE F									

PUBLIC SAFETY						1200			1200-

CHARGES FOR SERVICES						1200			1200-
FINES AND FORFEITS	330A								
DARE CITY COURT COSTS	3321		499			3050			3050-
NARC.FORFEITURES-POLICE	3323		3534			5223			5223-
FORF-FED(TREAS/IRS/ATF)	3324								
FORF-FED(JUSTICE/DEA)	3326					18286			18286-
FORF-FED(FBI)	3329					36950			36950-

FINES AND FORFEITS			4033			63509			63509-
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
SAVINGS ACCOUNT/MMA	3405		18			69			69-

INTEREST EARNINGS			18			69			69-

CONTRIBUTIONS-PUBLIC	3450								
CONTRIB-LAMAR CNTY	3451								
CONTRIB-USM	3452								
CONTRIB-PETAL	3453								
CONTRIB-METRO CRIME ST	3454								
CONTRIBUTIONS-FORREST	3455								
CONTRIBUTIONS-OTHER	3459								

CONTRIBUTIONS-PUBLIC									
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-D.A.R.E.	3461								
CONTRIB-OTHER	3469								

CONTRIBUTIONS-PRIVAT									

MISCELLANEOUS			18			69			69-

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			118,275		354826	354826

BEGINNING CASH BALANC			29,568			118,275		354826	354826

REVENUES			29,568	4052	13	118,275	64778	54	354826 290048

020020 - 2002 TIF B&I-S/P REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

4 MONTHS ENDING 01/31/18

2/01/18

	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	11,142			44,568			133704	133704
		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE		11,142			44,568			133704	133704
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		11			43			43-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			11			43			43-
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			11			43			43-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27	11,142			44,568			133704	133704
T/F '02 TIF CONSTR-SO.	3800 88								
T/F '14 TIF CONSTR-SO.	3800 91								
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR		11,142			44,568			133704	133704
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		11,142			44,568			133704	133704
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
		-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	21,625			86,501			259504	259504
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		21,625			86,501			259504	259504
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		43,909	11		175,637	43		526912	526869

021021 - 2004 TIF B&I-H/D REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	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								
LAMAR CTY	2708								
		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		43			170			170-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			43			170			170-
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			43			170			170-
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			22,523			67570	67570
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		5,630			22,523			67570	67570
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		5,630	43		22,523	170		67570	67400

022022 - 2003 TIF B&I-C/S REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

4 MONTHS ENDING 01/31/18

2/01/18

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		124			447			447-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			124			447			447-
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			124			447			447-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F GENERAL FUND	3800 01								
T/F TAX COLLECTORS-GPT	3800 27	23,510			94,042			282127	282127
T/F 2003 TIF CONST-CHA	3800 90								
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHER		23,510			94,042			282127	282127
	-----	-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		23,510			94,042			282127	282127
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
	-----	-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	16,214			64,856			194568	194568
	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANCE		16,214			64,856			194568	194568
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES		39,724	124		158,898	447		476695	476248

023023 - 2007 TIF B&I-T/C REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	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								
LAMAR CTY	2708	9,405			37,620			112860	112860
		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE		9,405			37,620			112860	112860
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	4	46	1150	17	234	1376	50	184-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS		4	46	1150	17	234	1376	50	184-
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS		4	46	1150	17	234	1376	50	184-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27	28,592			114,370			343109	343109
T/F 2007 TIF CONST-TUR	3800 91								
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR		28,592			114,370			343109	343109
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		28,592			114,370			343109	343109
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
		-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	6,006			24,027			72081	72081
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		6,006			24,027			72081	72081
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		44,008	46		176,033	234		528100	527866

024024 - 2008 TIF B&I-L/C REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	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								
LAMAR CTY	2708								
		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE									
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		78			243			243-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			78			243			243-
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			78			243			243-
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			40,855			122564	122564
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		10,213			40,855			122564	122564
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		10,213	78		40,855	243		122564	122321

025025 - 2011 TIF B&I-KOHL'S REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	OBJ/SUB	ESTIMATED	CURRENT ACTUAL	%REV	ESTIMATED	YEAR-TO-DATE ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMENTAL REVENUE	230A								
CITY/COUNTY-SHARED REVENUE	270B								
LAMAR CTY	2708	2,654			10,617			31850	31850
CITY/COUNTY-SHARED REVENUE		2,654			10,617			31850	31850
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		5			43			43-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
INTEREST EARNINGS			5			43			43-
MISCELLANEOUS			5			43			43-
TRANSFERS	380A								
TRANSFERS FROM OTHER FUNDS	3800								
T/F TAX COLLECTORS-GPT	3800 27	5,377			21,510			64530	64530
T/F 2011 TIF CONST-KOHL'S	3800 91								
TRANSFERS FROM OTHER		5,377			21,510			64530	64530
TRANSFERS		5,377			21,510			64530	64530
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
APPROPRIABLE FUND BALANCE	3999	1,308			5,233			15698	15698
NON-REVENUE RECEIPTS		1,308			5,233			15698	15698
REVENUES		9,339	5		37,359	43		112078	112035

026026 - 2016 TIF B&I-WHISP PINES REVEN

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVEN	270B								
FORREST CTY	2705	15,271			61,087			183260	183260
LAMAR CTY	2708								
		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE		15,271			61,087			183260	183260
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		125			491			491-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			125			491			491-
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			125			491			491-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27	12,714			50,858			152575	152575
T/F 2016 TIF CONST-WHI	3800 91								
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR		12,714			50,858			152575	152575
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		12,714			50,858			152575	152575
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965								
		-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	16,322			65,288			195864	195864
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		16,322			65,288			195864	195864
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		44,308	125		177,233	491		531699	531208

INT/PENALTY ON DEL. TAX	2100	7299	46924	46924-
EXCESS BID-PROP. TAXES	2110			

TAXES-OTHER		7299	46924	46924-
LICENSES, PERMITS & FEES	220A			
OTHER PERMITS & FEES	2230			
CITY CLERK FEES	2232			

OTHER PERMITS & FEES				

LICENSES, PERMITS & F				
MISCELLANEOUS	340A			
INTEREST EARNINGS	3400			
CERTIFICATES OF DEPOSI	3402			
SAVINGS ACCOUNT/MMA	3405	39	266	266-
TREASURY NOTES	3409			

INTEREST EARNINGS		39	266	266-

MISCELLANEOUS		39	266	266-
NON-REVENUE RECEIPTS	390A			
REFUND & RECOVERY	3965			

NON-REVENUE RECEIPTS				

REVENUES		7297902	8489867	8489867-

028028 - 2016 TIF B&I-HBRG CLINIC MIDTN

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	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 COUNTY	2705	3,168			12,674			38023	38023
LAMAR CTY	2708								
		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE		3,168			12,674			38023	38023
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		31			175			175-
OTHER INTEREST	3407								
TREASURY NOTES	3409								
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			31			175			175-
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			31			175			175-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27	3,168			12,674			38023	38023
T/F 2016 TIF CONST-HBR	3800 91								
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR		3,168			12,674			38023	38023
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		3,168			12,674			38023	38023
NON-REVENUE RECEIPTS	390A								
REFUND & RECOVERY	3965					1			1-
		-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS						1			1-
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	7,495			29,983			89948	89948
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		7,495			29,983			89948	89948
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		13,832	31		55,331	176		165994	165818

039039 - AIRPORT IMPR. REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

		CURRENT.....			YEAR-TO-DATE.....			ANNUAL	UNREALIZED
		ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	BALANCE
REVENUES	OBJ/SUB								
	200								
OTHER PERMITS & FEES	2230								
FLOWAGE FEE	2295								

OTHER PERMITS & FEES									
INTER-GOVERNMNTL REVENUE	230A								
FEDERAL GRANTS	230B								
FEDERAL AVIATION ADM.	2330	152,896			611,587	683951	111	1834761	1150810

FEDERAL GRANTS		152,896			611,587	683951	111	1834761	1150810
STATE GRANTS	250B								
MDOT-MULTIMODAL GRANT	2509								
AIRPORT GRANT	2540	8,305			33,224			99671	99671

STATE GRANTS		8,305			33,224			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 DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		118			146			146-

INTEREST EARNINGS			118			146			146-
RENTS AND ROYALTIES	3410								
BUILDING	3412								
YORK INT/JOHNSON CONT	3412 12								
LORESCO INC	3412 13		100			400			400-
COCA COLA (1906 COMPA	3412 14								
H'BURG HANGER ASSN.	3412 18								
SOUTHEAST AVIATION SE	3412 21		1557			8999			8999-
SE AVIATION BLDG LAND	3412 22		1200			1200			1200-
OTHER BLDG. RENT	3412 99								

BUILDING			2857			10599			10599-
MINERAL LEASE-AIRPORT	3418								

RENTS AND ROYALTIES			2857			10599			10599-

MISCELLANEOUS		2974		10744		10744-
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		191,735		575204- 575204-
BEGINNING CASH BALANC		47,933		191,735		575204- 575204-
REVENUES		113,269	2974	2	453,076 694695	153 1359228 664533

050050 - 2015A TIF B&I-RIDGE/TURTLE CRK

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
CITY/COUNTY-SHARED REVEN	230B								
LAMAR COUNTY	2708	2,489			9,959			29877	29877
CITY/COUNTY-SHARED RE		2,489			9,959			29877	29877
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
SAVINGS ACCOUNT/MMA	3405		8			178			178-
INTEREST EARNINGS			8			178			178-
MISCELLANEOUS			8			178			178-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27	7,469	20000	267	29,877	20000	66	89631	69631
T/F TIF CONSTRUCTION	3800 91								
TRANSFERS FROM OTHR		7,469	20000	267	29,877	20000	66	89631	69631
TRANSFERS		7,469	20000	267	29,877	20000	66	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			33,727			101182	101182
BEGINNING CASH BALANC		8,431			33,727			101182	101182
REVENUES		18,390	20008	108	73,563	20178	27	220690	200512

051051 - 2015B TIF B&I-MIDTOWN MARKET

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	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	230B								
CITY/COUNTY-SHARED REVEN	270B								
FORREST CTY	2705	958			3,833			11500	11500
		-----	-----	----	-----	-----	----	-----	-----
CITY/COUNTY-SHARED RE		958			3,833			11500	11500
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
SAVINGS ACCOUNT/MMA	3405		3			37			37-
		-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			3			37			37-
		-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			3			37			37-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F TAX COLLECTORS-GPT	3800 27	958	5000	521	3,833	15000	391	11500	3500-
T/F TIF CONSTRUCTION	3800 91								
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS FROM OTHR		958	5000	521	3,833	15000	391	11500	3500-
		-----	-----	----	-----	-----	----	-----	-----
TRANSFERS		958	5000	521	3,833	15000	391	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			3,311			9933	9933
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		827			3,311			9933	9933
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		2,744	5003	182	10,978	15038	136	32933	17895

072072 - MUN.ROAD&BRIDGE REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	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								
FHWA-STORM RELATED	2323								
EDA GRANT-LAMAR BLVD	2333	37,500			150,000			450000	450000
FEMA RELIEF	2337								
	-----	-----	-----	----	-----	-----	----	-----	-----
FEDERAL GRANTS		37,500			150,000			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			35,856			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			71,573			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			388,018			1164054	1164054
MDOT-MARTIN LUTHER KIN	2555 17								
MDOT-SIDEWALKS-HAWKINS	2555 18	13,144			52,576			157728	157728
MDOT-SIDEWALKS-TUSCAN	2555 19	23,772			95,090			285269	285269
MDOT-LLT DEPOT TO CHAI	2555 20	35,316			141,267			423800	423800
MDOT-J ED TURNER BIKE	2555 21	21,000			84,000			252000	252000
	-----	-----	-----	----	-----	-----	----	-----	-----
MDOT-MPO GRANT		217,094			868,379			2605137	2605137
	-----	-----	-----	----	-----	-----	----	-----	-----

STATE GRANTS		217,094			868,379	138786	15	2605137	2466351
CITY/COUNTY-SHARED REVENUE	270B								
FORREST - INFRASTRUCT.	2707								
PRO-RATA CTY RD TAX-FOR	2710	66,666	118146	177	266,667	132851	49	800000	667149
PRO-RATA CTY RD TAX-LAM	2715	83,333	147823	177	333,333	185855	55	1000000	814145
MISCELLANEOUS GRANTS	2740								
CITY/COUNTY-SHARED REVENUE		150,000	265970	177	600,000	318706	53	1800000	1481295
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405	416	27	6	1,667	162	9	5000	4838
INTEREST EARNINGS		416	27	6	1,667	162	9	5000	4838
CONTRIBUTIONS-PUBLIC	3450								
CONTRIB-LLT TO MUSEUM	3450 05	16,666			66,667			200000	200000
CONTRIBUTIONS-FORREST	3455								
CONTRIB-RAILS TO TRAIL	3457	3,333			13,333			40000	40000
CONTRIBUTIONS-PUBLIC		20,000			80,000			240000	240000
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-RAILROAD PROJECT	3460 01								
CONTRIB-FGH	3460 02	33,333			133,333			400000	400000
CONTRIB-H'BURG CLINIC	3460 03	34,416			137,667			413000	413000
CONTRIB-CHAUDET SQ. PROJECT	3469								
CONTRIBUTIONS-PRIVATE		67,750			271,000			813000	813000
MISCELLANEOUS		88,166	27		352,667	162		1058000	1057838
TRANSFERS	380A								
TRANSFERS FROM OTHER FUND	3800								
T/F W & S CONSTRUCTION	3800 75								
T/F INDUSTRIAL PARK DEVELOPMENT	3800 87								
TRANSFERS FROM OTHER									
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 BALANCE	3999	103,577			414,311			1242932	1242932
BEGINNING CASH BALANCE		103,577			414,311			1242932	1242932
REVENUES		596,339	265997	44	2,385,356	457654	19	7156069	6698415

VENDING COMM./REFUNDS	3964								
REFUND & RECOVERY	3965								
RECOVERY OF DAMAGE CLAI	3967	30,000			120,000			360000	360000
		-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS		30,000			120,000			360000	360000
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	12,685			50,740			152221	152221
		-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANC		12,685			50,740			152221	152221
		-----	-----	----	-----	-----	----	-----	-----
REVENUES		404,956	118890	29	1,619,824	586451	36	4859472	4273021

2/01/18

UNREALIZED
BALANCE

	OBJ/SUB		ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ESTIMATE	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			166,667			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			166,667	228348	137	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	166	39	1,667	1030	61	5000	3970
INTEREST EARNINGS			416	166	39	1,667	1030	61	5000	3970
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			5,000	4277	85	15000	10723
CCATT HOLDINGS-WATER	3411	15	833			3,333	2688	80	10000	7312
AP WIRELESS INVESTMEN	3411	16	19,916			79,667			239000	239000
LAND			22,000			88,000	6965	7	264000	257035
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		88,000	6965	7	264000	257035
CONTRIBUTIONS-PRIVATE	3460							
CONTRIB-USA YEAST SWR	3461							
CONTRIBUTIONS-PRIVAT								
MISCELLANEOUS		22,416	166	89,667	7995	8	269000	261005
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		741,711			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		741,711			2225133	2225133
TRANSFERS		185,427		741,711			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		900,423			2701269	2701269
BEGINNING CASH BALANC		225,105		900,423			2701269	2701269
REVENUES		474,616	166	1,898,467	236343	12	5695402	5459059

2/01/18

UNREALIZED
BALANCE

	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			400	75	18	1200	1125
SIGLER CENTER USE FEE	3141	366			1,467	1375	93	4400	3025
C.E.ROY/5TH ST.C.C.USE	3142	625	858	137	2,500	2140	85	7500	5361
JDS C.C. USE FEE	3143		2109			5701			5701-
SAENGER THEATER USE FE	3144								
CULTURAL CTR USE FEE	3146	50	1150	2300	200	1200	600	600	600-
N R BURGER/6TH ST CC U	3148								
	-----	-----	-----	-----	-----	-----	-----	-----	-----
CULTURE AND RECREATI		1,141	4116	360	4,567	10491	229	13700	3210
	-----	-----	-----	-----	-----	-----	-----	-----	-----
CHARGES FOR SERVICES		1,141	4116	360	4,567	10491	229	13700	3210
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSI	3402								
SAVINGS ACCOUNT/MMA	3405	50	76	152	200	340	170	600	260
	-----	-----	-----	-----	-----	-----	-----	-----	-----
INTEREST EARNINGS		50	76	152	200	340	170	600	260
RENTS AND ROYALTIES	3410								
EQUIPMENT	3419								
	-----	-----	-----	-----	-----	-----	-----	-----	-----
RENTS AND ROYALTIES									
CONTRIBUTIONS-PUBLIC	3450								
CONTRIBUTIONS-FORREST	3455								
	-----	-----	-----	-----	-----	-----	-----	-----	-----
CONTRIBUTIONS-PUBLIC									
CONTRIBUTIONS-PRIVATE	3460								
	-----	-----	-----	-----	-----	-----	-----	-----	-----
MISCELLANEOUS		50	76	152	200	340	170	600	260
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01	50,000			200,000			600000	600000
	-----	-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS FROM OTHR		50,000			200,000			600000	600000
	-----	-----	-----	-----	-----	-----	-----	-----	-----
TRANSFERS		50,000			200,000			600000	600000
NON-REVENUE RECEIPTS	390A								
COMMISSIONS-TCKTS/CONCE	3963								

REFUND & RECOVERY	3965	41			167	75-	44	500	575
RECOVERY OF DAMAGE CLAI	3967								
	-----	-----	-----	-----	-----	-----	-----	-----	-----
NON-REVENUE RECEIPTS		41			167	75-	44	500	575
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALAN	3999	58,169			232,680			698039	698039
	-----	-----	-----	-----	-----	-----	-----	-----	-----
BEGINNING CASH BALANC		58,169			232,680			698039	698039
	-----	-----	-----	-----	-----	-----	-----	-----	-----
REVENUES		109,403	4192	3	437,613	10756	2	1312839	1302083

2/01/18

4 MONTHS ENDING 01/31/18

[illegible]

2/01/18

UNREALIZED
BALANCE

	OBJ/SUB	
REVENUES	200	
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-1997	2389	
HOME ENTIT-AFFORD.HOUS	2389	AH
HOME ENTIT-CHDO	2389	CHDO
HOME ENTIT-DOWNPAYMENT	2389	DA
HOME ENTIT-FULL REHAB.	2389	FR

HOME ENTITLEMENT-199		
CDBG-ENTITLEMENT-1997	2391	
CDBG-ENT.-DEMOLITION	2391	DEM

CDBG-ENT.-EMER.REHAB.	2391	ER
CDBG-ENT.-FULL REHAB.	2391	FR
CDBG-ENT.-NEIGHBORHD G	2391	NG

CDBG-ENTITLEMENT-199		
HOME ENTITLEMENT-1998	2393	
HOME ENTIT-AFFORD.HOUS	2393	AH
HOME ENTIT-CHDO	2393	CHDO
HOME ENTIT-DOWNPAYMENT	2393	DA
HOME ENTIT-FULL REHAB.	2393	FR

HOME ENTITLEMENT-199		
CDBG-ENTITLEMENT-1998	2395	
CDBG-ENT.-ADMINISTRATI	2395	ADM
CDBG-ENT.-DEMOLITION	2395	DEM
CDBG-ENT.-DRAINAGE	2395	DRG

CDBG-ENT.-EATON SCHOOL	2395	EAT
CDBG-ENT.-EMER.REHAB.	2395	ER
CDBG-ENT.-FULL REHAB.	2395	FR
CDBG-ENT.-NEIGHBORHD G	2395	NG
CDBG-ENT.-PLANNING	2395	PL
CDBG-ENT.-PUBLIC SERVI	2395	PS

CDBG-ENTITLEMENT-199		
HOME ENTITLEMENT-1999	2397	
HOME ENTIT-AFFORD.HOUS	2397	AH
HOME ENTIT-CHDO ADMIN	2397	CHDOAD
HOME ENTIT-CHDO SETASI	2397	CHDOSA
HOME ENTIT-DOWNPAYMENT	2397	DA
HOME ENTIT-DA RECAPTUR	2397	DAR
HOME ENTIT-FULL REHAB.	2397	FR

HOME ENTITLEMENT-199		
CDBG-ENTITLEMENT-1999	2399	
CDBG-ENT.-ADMINISTRATI	2399	ADM
CDBG-ENT.-BRADY ST SEW	2399	BSS
CDBG-ENT.-DEMOLITION	2399	DEM
CDBG-ENT.-DRAINAGE	2399	DRG
CDBG-ENT.-EATON SCHOOL	2399	EAT
CDBG-ENT.-EMER.REHAB.	2399	ER
CDBG-ENT.-FULL REHAB.	2399	FR
CDBG-ENT.-NEIGHBORHD G	2399	NG
CDBG-ENT.-PLANNING	2399	PL
CDBG-ENT.-PRVO	2399	PRVO
CDBG-ENT.-PUBLIC SERVI	2399	PS
CDBG-ENT.-SIDEWALKS	2399	SWLK

CDBG-ENTITLEMENT-199		
CDBG-ENTITLEMENT-2000	2401	

CDBG-ENT.-ADMINISTRATI	2401	ADM
CDBG-ENT.-DEMOLITION	2401	DEM
CDBG-ENT.-DRAINAGE	2401	DRG
CDBG-ENT.-EMER.REHAB.	2401	ER
CDBG-ENT.-FACADE PROG	2401	FAC
CDBG-ENT.-FULL REHAB.	2401	FR
CDBG-ENT.-NEIGHBORHD G	2401	NG
CDBG-ENT.-PUBLIC SERVI	2401	PS
CDBG-ENT.-SIDEWALKS	2401	SWLK

CDBG-ENTITLEMENT-200		
HOME ENTITLEMENT-2000	2402	
HOME ENTIT-AFFORD.HOUS	2402	AH
HOME ENTIT-CHDO ADMIN	2402	CHDOAD
HOME ENTIT-CHDO SETASI	2402	CHDOSA
HOME ENTIT-DOWNPAYMENT	2402	DA
HOME ENTIT-FULL REHAB.	2402	FR

HOME ENTITLEMENT-200		
CDBG-ENTITLEMENT-2001	2403	
CDBG-ENT.-ADMINISTRATI	2403	ADM
CDBG-ENT.-DEMOLITION	2403	DEM
CDBG-ENT.-DRAINAGE	2403	DRG
CDBG-ENT.-EATON SCHOOL	2403	EAT
CDBG-ENT.-EMER.REHAB.	2403	ER
CDBG-ENT.-FACADE PROG	2403	FAC
CDBG-ENT.-FULL REHAB.	2403	FR
CDBG-ENT.-D/T LIGHTING	2403	LIGHT
CDBG-ENT.-PLANNING	2403	PL

CDBG-ENT.-PUBLIC SERVI	2403	PS
CDBG-ENT.-SIDEWALKS	2403	SWLK

CDBG-ENTITLEMENT-200		
HOME ENTITLEMENT-2001	2404	
HOME ENTIT-ADMINISTRAT	2404	ADM
HOME ENTIT-AFFORD.HOUS	2404	AH
HOME ENTIT-CHDO ADMIN	2404	CHDOAD
HOME ENTIT-CHDO SETASI	2404	CHDOSA
HOME ENTIT-DOWNPAYMENT	2404	DA
HOME ENTIT-FULL REHAB.	2404	FR

HOME ENTITLEMENT-200		
HOME ENTITLEMENT-2002	2406	
HOME ENTIT-ADMINISTRAT	2406	ADM
HOME ENTIT-AFFORD.HOUS	2406	AH
HOME ENTIT-CHDO OPERAT	2406	CHDO
HOME ENTIT-DOWNPAYMENT	2406	DA
HOME ENTIT-FULL REHAB.	2406	FR
HOME ENTIT-HOME BUYER	2406	HBE

HOME ENTIT	2406	HE						

HOME ENTITLEMENT-200								
CDBG-ENTITLEMENT-2002	2407							
CDBG-ENT.-ADMINISTRATI	2407	ADM						
CDBG-ENT.-ADMIN/EMER R	2407	ADMFR						
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	ADMFR						
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

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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

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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

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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

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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

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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						

CDBG-ENT.-MICROENT PRO	2427	MA					
CDBG-ENT.-PROJECT DELI	2427	PD					
CDBG-ENT.-PUBLIC SERVI	2427	PS					

CDBG-ENTITLEMENT-201							
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	7974		7974		7974-
HOME ENTIT-CHDO SETASI	2432	CHDOSA					
HOME ENTIT-DWNPYMNT AS	2432	DA					
HOME ENTIT-HOUSING PRO	2432	HP					

HOME ENTITLEMENT-201			7974		7974		7974-
CDBG-ENTITLEMENT-2015	2433						
CDBG-ENT.-ADMINISTRATI	2433	ADM			62443		62443-
CDBG-ENT.-DEMOLITION	2433	DEM					
CDBG-ENT.-FACADE PROG	2433	FAC					

CDBG-ENT.-HOMELESS/SP	2433	HL/SP									
CDBG-ENT.-HOUSING PROG	2433	HP		1210		89270		89270-			
CDBG-ENT.-MICRO ENTERP	2433	ME									
CDBG-ENT.-PROJECT DELI	2433	PD				88256		88256-			
CDBG-ENT.-PUBLIC FACIL	2433	PFI				13223		13223-			
CDBG-ENT.-PUBLIC SERVI	2433	PS		88,429		353,720	1162	1061159	1059997		
CDBG-ENTITLEMENT-201				88,429	1210	1	353,720	254353	71	1061159	806806
HOME REVOLVING LOANS	2495										
MDA AM DREAM D/P (ADDI)	2497										
MISCELLANEOUS GRANTS	2740										
SALVATION ARMY	2740	04									
SAVINGS ACCOUNT/MMA	3405				4		15				15-
MISCELLANEOUS GRANTS					4		15				15-
FEDERAL GRANTS				88,429	9188	10	353,720	262342	74	1061159	798817
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			54,516			163547-	163547-
BEGINNING CASH BALANC				13,628			54,516			163547-	163547-
REVENUES				74,801	9188	12	299,204	262342	87	897612	635270

CONTRIBUTIONS-PUBLIC					150000			150000-
MISCELLANEOUS								
TRANSFERS	380A		14914		165103			165103-
TRANSFERS FROM OTHR FND	3800							
TRANSFERS								
NON-REVENUE RECEIPTS	390A							
SALE OF BONDS	3910							
BOND PROCEEDS	3912							
ACCRUED INTEREST	3915							
OTHER BOND INCOME	3919							
CAP STATE LOAN'96-CIT	3919	CSL96C						
CAP STATE LOAN'96-FOR	3919	CSL96F						
CAP STATE LOAN'97-CIT	3919	CSL97C						
CAP STATE LOAN'97-FOR	3919	CSL97F						
MBIA BONDS	3919	MBIA						
OTHER BOND INCOME								
SALE OF BONDS								
SALE OF REAL ESTATE	3920							
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			14914		165103			165103-

088088 - PUBLIC SAFETY/REC CONSTRUCTION

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	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		531			4744			4744-
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			531			4744			4744-
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			531			4744			4744-
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			227,138			681413	681413
	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANCE		56,784			227,138			681413	681413
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES		56,784	531		227,138	4744	2	681413	676669

089089 - MDA ENERGY EFFICIENCY CAP PROJ

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	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			201,936			605808	605808
BEGINNING CASH BALANCE		50,484			201,936			605808	605808
REVENUES		50,484			201,936			605808	605808

[illegible]

091091 - TIF CONST-REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	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		1			4			4-
TREASURY NOTES	3409								
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			1			4			4-
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			1			4			4-
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			69			207	207
	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANCE		17			69			207	207
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES		17	1	5	69	4	5	207	203

093093 - 2016 W&S SYSTEM PROJECT

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	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		13287			53204			53204-
OTHER INTEREST	3407								
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
INTEREST EARNINGS			13287			53204			53204-
MISCELLANEOUS			13287			53204			53204-
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			8,027,381			24082143	24082143
BEGINNING CASH BALANCE		2,006,845			8,027,381			24082143	24082143
REVENUES		2,006,845	13287		8,027,381	53204		24082143	24028939

094094 - 2012 W&S REVENUE BOND CONSTR

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405								
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
INTEREST EARNINGS									
MISCELLANEOUS									
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
ACCRUED INTEREST	3915								
SALE OF BONDS									
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	5			20			61	61
BEGINNING CASH BALANCE		5			20			61	61
REVENUES		5			20			61	61

095095 - 2001 BOND CONSTR REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	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		174			174			174-
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
INTEREST EARNINGS			174			174			174-
CONTRIBUTIONS-PUBLIC	3450								
CONTRIBUTIONS-FORREST	3455								
CONTRIBUTIONS-PUBLIC									
CONTRIBUTIONS-PRIVATE	3460								
CONTRIB-H'BURG. CONV.	3465								
CONTRIB-OTHER	3469								
CONTRIBUTIONS-PRIVATE									
MISCELLANEOUS			174			174			174-
TRANSFERS	380A								
TRANSFERS FROM OTHR FND	3800								
T/F GENERAL FUND	3800 01								
TRANSFERS FROM OTHR									
TRANSFERS									
NON-REVENUE RECEIPTS	390A								
SALE OF BONDS	3910								
BOND PROCEEDS	3912								
ACCRUED INTEREST	3915								
SALE OF BONDS									
REFUND & RECOVERY	3965								
NON-REVENUE RECEIPTS									
BEGINNING CASH BALANCE	399A								
APPROPRIABLE FUND BALANCE	3999	14			58			174	174

BEGINNING CASH BALANC	14			58			174	174
REVENUES	14	174	1242	58	174	300	174	

1
2/01/18

	OBJ/SUB	
REVENUES	200	
FEDERAL GRANTS	230B	
HUD GRANT-CHAIN PARK PH	2353	
US CORPS OF ENGR PROJEC	2354	
FEDERAL TRANSIT ADM.	2355	

FEDERAL GRANTS		
STATE GRANTS	250B	
ARCHIVES & HISTORY	2505	
MDOT GRANT-4TH ST WIDEN	2506	
MDOT GRANT-CHAIN PARK	2507	
MDOT ARRA-CHAIN PARK	2543	

STATE GRANTS		
MISCELLANEOUS	340A	
INTEREST EARNINGS	3400	
SAVINGS ACCOUNT/MMA	3405	

INTEREST EARNINGS		

MISCELLANEOUS		
TRANSFERS	380A	
TRANSFERS FROM OTHR FND	3800	
T/F GENERAL FUND	3800	01

TRANSFERS FROM OTHR		

TRANSFERS		
NON-REVENUE RECEIPTS	390A	
REFUND & RECOVERY	3965	
NOTE PROCEEDS	3975	
DEPOT PROJECT	3975	01
WATER & SEWER IMPR	3975	02
FIRE/POLICE STATION	3975	03
DRAINAGE PROJECTS	3975	04
LEGAL COSTS	3975	05
MDOT GRANT PROJECTS	3975	06

NOTE PROCEEDS		

NON-REVENUE RECEIPTS		
BEGINNING CASH BALANCE	399A	
APPROPRIABLE FUND BALAN	3999	

BEGINNING CASH BALANC

REVENUES

[illegible]

TRANSFERS							
NON-REVENUE RECEIPTS	390A						
SALE OF TIMBER	3923						
SALE OF SCRAP MATERIAL	3943						
SALE OF ZOOLOGICAL ANIM	3949						
REFUND & RECOVERY	3965						
NON-REVENUE RECEIPTS							
BEGINNING CASH BALANCE	399A						
APPROPRIABLE FUND BALAN	3999	187		749		2248	2248
BEGINNING CASH BALANC		187		749		2248	2248
REVENUES		187		749	1	2248	2247

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

4 MONTHS ENDING 01/31/18

2/01/18

[illegible]

105105 - 2013 W&S BOND CONSTR REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

4 MONTHS ENDING 01/31/18

2/01/18

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
MISCELLANEOUS	340A								
INTEREST EARNINGS	3400								
CERTIFICATES OF DEPOSIT	3402								
SAVINGS ACCOUNT/MMA	3405		188			579			579-
REPURCHASE AGREEMENTS	3408								
TREASURY NOTES	3409								
T/F 2012 W&S BOND CONS	3800 94								
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNINGS			188			579			579-
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			188			579			579-
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			117,055			351166	351166
	-----	-----	-----	----	-----	-----	----	-----	-----
BEGINNING CASH BALANCE		29,263			117,055			351166	351166
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES		29,263	188		117,055	579		351166	350587

107107 - SPEC.SALES TAX REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	OBJ/SUB	ESTIMATED	ACTUAL	%REV	ESTIMATED	ACTUAL	%REV	ANNUAL ESTIMATE	UNREALIZED BALANCE
REVENUES	200								
INTER-GOVERNMNTL REVENUE	230A								
STATE-SHARED REVENUE	260B								
SALES TAX-MOTEL	2605		30943			145131			145131-
SALES TAX-FOOD & BEVERA	2607		435848			1738129			1738129-
	-----	-----	-----	----	-----	-----	----	-----	-----
STATE-SHARED REVENUE			466792			1883260			1883260-
NON-REVENUE RECEIPTS	390A								
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES			466792			1883260			1883260-

109109 - GROUP INS.TRUST REVENUES

CITY OF HATTIESBURG

REVENUE REPORT

ALL FUNDS

2/01/18

4 MONTHS ENDING 01/31/18

	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		41			162			162-
	-----	-----	-----	----	-----	-----	----	-----	-----
INTEREST EARNING			41			162			162-
	-----	-----	-----	----	-----	-----	----	-----	-----
MISCELLANEOUS			41			162			162-
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		407276			1591709			1591709-
HOSP.INS.-COBRA	3966 01					1050			1050-
	-----	-----	-----	----	-----	-----	----	-----	-----
NON-REVENUE RECEIPTS			407276			1592758			1592758-
	-----	-----	-----	----	-----	-----	----	-----	-----
REVENUES			407317			1592920			1592920-

001003 - GENERAL FUND-CITY COUNCIL

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
18154	SALARIES						
	REGULAR WAGES 4000	262000		74817	187183	33.3 28.5	37,548- 14.3-
	DISASTER RECOVERY WAGE 4010						
	OVERTIME 4300						
	DISASTER RECOVERY OVER 4310						
18154	SALARIES	262000		74817	187183	33.3 28.5	37,548- 14.3-
	EMPLOYEE BENEFITS						
2859	STATE RETIREMENT 4600	41270		11783	29487	33.3 28.5	5,920- 14.3-
1364	F.I.C.A. TAXES 4700	20050		5643	14407	33.3 28.1	3,120- 15.5-
3773	HOSPITALIZATION INS. 4800	62400		14228	48173	33.3 22.8	19,716- 31.5-
	UNEMPLOYMENT BENEFITS 4900	500		500	500	33.3	500- 100.0-
	WORKMAN'S COMPENSATION 4910	550		550	550	33.3	550- 100.0-
7996	EMPLOYEE BENEFITS	124770		31654	93116	33.3 25.3	29,808- 23.8-
26150	PERSONAL SERVICES	386770		106471	280299	33.3 27.5	67,356- 17.4-
	OFFICE SUPPLIES						
	PAPER 5003						
	PRINTED FORMS 5005						
	OTHER EXPENDABLE OFF.S 5010	1500		62	1438	33.3 4.1	1,314- 87.6-
	MINOR OFFICE EQUIP/FUR 5020						
	PHOTO SUPPLIES 5040						
	SUBSCRIPTIONS,MAGS,MAP 5050						
	BOOKS 5070	400			400	33.3	400- 100.0-
	COMPUTER SUPPLIES 5080	1100			1100	33.3	1,100- 100.0-
	OFFICE SUPPLIES	3000		62	2938	33.3 2.0	2,814- 93.8-
	OPERATING SUPPLIES						
	CLEANING/JANITORIAL SP 5100						
	HOUSEHOLD SUPPLIES 5110						
	FOOD 5115	400			400	33.3	400- 100.0-
	MINOR EQUIPMENT 5460	300			300	33.3	300- 100.0-
	OTHER OPERATING MATL/S 5590						
	OPERATING SUPPLIES	700			700	33.3	700- 100.0-
	REPAIR & MAINTENANCE SP						
	BUILDING MATERIALS & S 5600						
	MTR VEHICLE REP. PTS/S 5700						
	OTHER REPAIR/MAINT. SP 5990						
	REPAIR & MAINTENANCE						
	SUPPLIES AND EXPENSES	3700		62	3638	33.3 1.6	3,514- 94.9-
	PROFESSIONAL SERVICES						
6463	AUDITING AND ACCOUNTIN 6010	150000		6463	143538	33.3 4.3	130,610- 87.0-
	ARCHITECTURAL 6012						
	ENTERTAINMENT 6033						
	DATA PROCESSING 6035						

OTHER PROFESSIONAL SER 6049									
6463	PROFESSIONAL SERVICE	150000		6463	143538	33.3	4.3	130,610-	87.0-
COMMUNICATIONS									
244	TELEPHONE AND TELEGRAP 6060	1800		1384	416	33.3	76.8	2,352	130.6
	POSTAGE 6070								
244	COMMUNICATIONS	1800		1384	416	33.3	76.8	2,352	130.6
TRANSPORTATION									
	TRAVEL EXPENSE 6110								
874	TRAVEL EXP-CLERK 6110 CLERK	2955	258	2448	249	33.3	82.8	4,389	148.5
230	TRAVEL EXP-DEPCLERK 6110 DEPCLE	1600		427	1173	33.3	26.6	318-	19.8-
	TRAVEL EXP-WARD 1 6110 WARD1	2000			2000	33.3		2,000-	100.0-
207-	TRAVEL EXP-WARD 2 6110 WARD2	1750		252	1498	33.3	14.4	994-	56.8-
	TRAVEL EXP-WARD 3 6110 WARD3	1110			1110	33.3		1,110-	100.0-
	TRAVEL EXP-WARD 4 6110 WARD4	2000			2000	33.3		2,000-	100.0-
	TRAVEL EXP-WARD 5 6110 WARD5	2000	250		1750	33.3		2,000-	100.0-
897	TRAVEL EXPENSE	13415	508	3127	9780	33.3	23.3	4,033-	30.0-
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130	100			100	33.3		100-	100.0-
897	TRANSPORTATION	13515	508	3127	9880	33.3	23.1	4,133-	30.5-
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	1500			1500	33.3		1,500-	100.0-
	DUES AND MEMBERSHIPS 6840								
	REGISTRATION FEE/TUITI 6845								
	REG FEE/TUITION-CLERK 6845 CLERK	1035	185	880	30-	33.3	85.0	1,605	155.0
	REG FEE/TUITION-DEPCL 6845 DEPCLE	1400	300	165	935	33.3	11.7	904-	64.5-

	REG FEE/TUITION-WARD	6845 WARD1	1000		1000	33.3		1,000-	100.0-
	REG FEE/TUITION-WARD	6845 WARD2	1250	1250		33.3	100.0	2,500	200.0
	REG FEE/TUITION-WARD	6845 WARD3	900		900	33.3		900-	100.0-
	REG FEE/TUITION-WARD	6845 WARD4	1000		1000	33.3		1,000-	100.0-
	REG FEE/TUITION-WARD	6845 WARD5	1000		1000	33.3		1,000-	100.0-
-----			-----	-----	-----	-----	-----	-----	-----
	REGISTRATION FEE/TU		7585	485	2295	4805	33.3 30.2	699-	9.2-
	SERVICES NOT SPECIFIED	6999							
-----			-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA		9085	485	2295	6305	33.3 25.2	2,199-	24.2-
-----			-----	-----	-----	-----	-----	-----	-----
7604	OTHER SERVICES & CHAR		174400	993	13269	160138	33.3 7.6	134,592-	77.1-
	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								
-----			-----	-----	-----	-----	-----	-----	-----
33754	EXPENDITURES		564870	993	119802	444075	33.3 21.2	205,464-	36.3-

001015 - GENERAL FUND-CITY COURT

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	SALARIES						
44402	REGULAR WAGES 4000	706594		191495	515099	33.3 27.1	132,108- 18.6-
	DISASTER RECOVERY WAGE 4010						
652	OVERTIME 4300	14900		2249	12651	33.3 15.0	8,152- 54.7-
	DISASTER RECOVERY OVER 4310						
45054	SALARIES	721494		193744	527750	33.3 26.8	140,262- 19.4-
	EMPLOYEE BENEFITS						
7096	STATE RETIREMENT 4600	113640		30515	83125	33.3 26.8	22,094- 19.4-
3289	F.I.C.A. TAXES 4700	55200		14212	40989	33.3 25.7	12,564- 22.7-
7834	HOSPITALIZATION INS. 4800	156000		33060	122940	33.3 21.1	56,820- 36.4-
	UNEMPLOYMENT BENEFITS 4900	4000		1218	2782	33.3 30.4	346- 8.6-
	WORKMAN'S COMPENSATION 4910	2530			2530	33.3	2,530- 100.0-
18218	EMPLOYEE BENEFITS	331370		79005	252365	33.3 23.8	94,354- 28.4-
63272	PERSONAL SERVICES	1052864		272748	780116	33.3 25.9	234,620- 22.2-
	OFFICE SUPPLIES						
354	PAPER 5003	2000		896	1104	33.3 44.8	688 34.4
	PRINTED FORMS 5005	2000		1396	604	33.3 69.8	2,188 109.4
499	OTHER EXPENDABLE OFF.S 5010	7000		2336	4664	33.3 33.3	8 .1
200	MINOR OFFICE EQUIP/FUR 5020	15000		5959	9041	33.3 39.7	2,877 19.1
	MICROFILM SUPPLIES 5030						
	SUBSCRIPTIONS,MAGS,MAP 5050						
	BOOKS 5070						
	COMPUTER SUPPLIES 5080	2500	1,000		1500	33.3	2,500- 100.0-
1053	OFFICE SUPPLIES	28500	1,000	10587	16913	33.3 37.1	3,261 11.4
	OPERATING SUPPLIES						
	CLEANING/JANITORIAL SP 5100	5000		661	4339	33.3 13.2	3,016- 60.3-
	FOOD 5115	500		41	459	33.3 8.2	376- 75.2-
	GAS AND OIL 5250						
	WEARING APPAREL 5355	100			100	33.3	100- 100.0-
	MINOR EQUIPMENT 5460	1500		80	1420	33.3 5.3	1,260- 84.0-
	OTHER OPERATING MATL/S 5590						
	OTHER OPER.MATL-JAIL G 5591						
	OPERATING SUPPLIES	7100		782	6318	33.3 11.0	4,754- 66.9-
	REPAIR & MAINTENANCE SP						
106	BUILDING MATERIALS & S 5600	2000		106	1894	33.3 5.3	1,682- 84.1-
	MTR VEHICLE REP. PTS/S 5700						
106	REPAIR & MAINTENANCE	2000		106	1894	33.3 5.3	1,682- 84.1-
1159	SUPPLIES AND EXPENSES	37600	1,000	11476	25124	33.3 30.5	3,172- 8.4-
	PROFESSIONAL SERVICES						
	CONSULTANT SERV/SURVEY 6020						
	LEGAL 6025	10000			10000	33.3	10,000- 100.0-
	DATA PROCESSING 6035						

8332	MICROFILM PROCESSING	6037								
185	OTHER PROF-JAIL DIV GR	6048	70250		13430	56820	33.3	19.1	29,960-	42.6-
	OTHER PROFESSIONAL SER	6049	125000		40166	84834	33.3	32.1	4,502-	3.6-
	OTHER PROF-TECHNOLOGY	6049 01	98000	9,022	1999	86979	33.3	2.0	92,002-	93.8-
185	OTHER PROFESSIONAL		223000	9,022	42165	171813	33.3	18.9	96,504-	43.2-
8517	PROFESSIONAL SERVICE		303250	9,022	55594	238634	33.3	18.3	136,468-	45.0-
618	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060	4000		2603	1397	33.3	65.0	3,809	95.2
	POSTAGE	6070								
618	COMMUNICATIONS		4000		2603	1397	33.3	65.0	3,809	95.2
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	10000		292	9708	33.3	2.9	9,124-	91.2-
	TRVL-JAIL DIVERSN GRAN	6118	8200			8200	33.3		8,200-	100.0-
	FREIGHT	6120								
	MESSENGER/EXPRESS SERV	6130								
	TRANSPORTATION		18200		292	17908	33.3	1.6	17,324-	95.1-
	ADVERTISING									
	ADVERTISING	6150								
	ADVERTISING									
	PRINTING AND BINDING									
	PRINTING	6200	2000		237	1763	33.3	11.8	1,288-	64.4-
	BINDING	6205								
	PRINTING AND BINDING		2000		237	1763	33.3	11.8	1,288-	64.4-
	INSURANCE									
488	SURETY AND FORGERY BON	6270								
970	GAS	6300	1500		553	947	33.3	36.8	159	10.6
	ELECTRICITY	6305	11500		4334	7166	33.3	37.6	1,502	13.0
1458	INSURANCE		13000		4887	8113	33.3	37.5	1,661	12.7
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350	3200			3200	33.3		3,200-	100.0-
	OFFICE EQUIPMENT R&M	6365	500			500	33.3		500-	100.0-
	REPR/MAINT-OUTSIDE L		3700			3700	33.3		3,700-	100.0-
1737	RENTALS									
	OFFICE EQUIPMENT RENT	6410	10000		2240	7760	33.3	22.4	3,280-	32.8-
	OTHER RENT	6449								
1737	RENTALS		10000		2240	7760	33.3	22.4	3,280-	32.8-
	OTHER SERVICES & CHARGE									
	COURT COSTS	6710								
	REFUNDS	6835								
	POLICE FINE REFUNDS	6835 PF								
	REFUNDS									
	DUES AND MEMBERSHIPS	6840	2300			2300	33.3		2,300-	100.0-
	REGISTRATION FEE/TUITI	6845	500		79	421	33.3	15.8	262-	52.4-
	SERVICES NOT SPECIFIED	6999	2500		35	2465	33.3	1.4	2,394-	95.7-
	OTHER SERVICES & CHA		5300		114	5186	33.3	2.1	4,958-	93.5-
12331	OTHER SERVICES & CHAR		359450	9,022	65967	284461	33.3	18.3	161,548-	44.9-

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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76762	EXPENDITURES	1449914	10,022	350191	1089701	33.3	24.1	399,340-	27.5-

001020 - GENERAL FUND-MAYOR/ADMIN.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
39889	SALARIES							
	REGULAR WAGES 4000	622496		167863	454633	33.3 26.9	118,906-	19.1-
	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300							
	DISASTER RECOVERY OVER 4310							
39889	SALARIES	622496		167863	454633	33.3 26.9	118,906-	19.1-
6283	STATE RETIREMENT 4600	98048		26599	71449	33.3 27.1	18,250-	18.6-
3008	F.I.C.A. TAXES 4700	47647		12730	34917	33.3 26.7	9,457-	19.8-
4063	HOSPITALIZATION INS. 4800	66910		18310	48600	33.3 27.3	11,980-	17.9-
	UNEMPLOYMENT BENEFITS 4900	4290		470	3820	33.3 10.9	2,880-	67.1-
	WORKMAN'S COMPENSATION 4910	5000			5000	33.3	5,000-	100.0-
13353	EMPLOYEE BENEFITS	221895		58109	163786	33.3 26.1	47,567-	21.4-
53242	PERSONAL SERVICES	844391		225972	618419	33.3 26.7	166,475-	19.7-
OFFICE SUPPLIES								
	PAPER 5003	500			500	33.3	500-	100.0-
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	2925	231	1770	924	33.3 60.5	2,385	81.5
34	MINOR OFFICE EQUIP/FUR 5020	1500		429	1072	33.3 28.6	212-	14.1-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050	750		505	245	33.3 67.3	765	102.0
	BOOKS 5070	250			250	33.3	250-	100.0-
	COMPUTER SUPPLIES 5080	2000	49		1951	33.3	2,000-	100.0-
34	OFFICE SUPPLIES	7925	280	2703	4942	33.3 34.1	184	2.3
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
919	FOOD 5115	2000	71	1226	703	33.3 61.3	1,678	83.9
157	GAS AND OIL 5250	4000		515	3485	33.3 12.8	2,454-	61.3-
	LUBRICANTS 5255							
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590	75			75	33.3	75-	100.0-
	OTHER OPER.MATL-NLC HE 5591							
1077	OPERATING SUPPLIES	6075	71	1741	4263	33.3 28.6	851-	14.0-
REPAIR & MAINTENANCE SP								
	MTR VEHICLE REP. PTS/S 5700	800		172	628	33.3 21.5	284-	35.5-
	COMMUNICATION REPAIR P 5750							
	OTHER REPAIR/MAINT. SP 5990	300			300	33.3	300-	100.0-
	DISASTER REPAIR SUPPLI 5995							
	REPAIR & MAINTENANCE	1100		172	928	33.3 15.6	584-	53.0-
1110	SUPPLIES AND EXPENSES	15100	351	4616	10133	33.3 30.5	1,252-	8.2-
PROFESSIONAL SERVICES								

	APPRAISAL	6017							
	CONSULTANT SERV/SURVEY	6020							
	ENTERTAINMENT	6033							
	OTHER PROFESSIONAL SER	6049	25000		25000	33.3		25,000-	100.0-
	OTHER PROF SERV-NLC HE	6049 98							
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	PROFESSIONAL SERVICE		25000		25000	33.3		25,000-	100.0-
	COMMUNICATIONS								
324	TELEPHONE AND TELEGRAP	6060	12000		2093	9907	33.3 17.4	5,720-	47.6-
	POSTAGE	6070							
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324	COMMUNICATIONS		12000		2093	9907	33.3 17.4	5,720-	47.6-
	TRANSPORTATION								
300	TRAVEL EXPENSE	6110	25000		906	24094	33.3 3.6	22,282-	89.1-
	FREIGHT	6120	150		107	43	33.3 71.3	171	114.0
	MESSENGER/EXPRESS SERV	6130	300		74	226	33.3 24.6	78-	26.0-
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300	TRANSPORTATION		25450		1087	24363	33.3 4.2	22,188-	87.1-
	ADVERTISING								
319	ADVERTISING	6150	26600	2,820	4704	19076	33.3 17.6	12,488-	46.9-
	ADVERTISING-BC HEALTHY	6151							
	ADVERTISING-SPEC. EVEN	6152							
	ADVERTISING-MAYOR'S YO	6153	10000			10000	33.3	10,000-	100.0-
	ADVERTISING-USM-ISP	6156	29400		29400		33.3 100.0	58,800	200.0
	ADVERTISING-WILLIAM CA	6157	7000		7000		33.3 100.0	14,000	200.0
	ADVERTISING-MS ASSC OF	6158	20000		10000	10000	33.3 50.0	10,000	50.0
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319	ADVERTISING		93000	2,820	51104	39076	33.3 54.9	60,312	64.8
	PRINTING AND BINDING								
81	PRINTING	6200	1500		197	1303	33.3 13.1	908-	60.5-
	BINDING	6205							
	BLUELINES	6210							
	FILM PROCESSING	6240							
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81	PRINTING AND BINDING		1500		197	1303	33.3 13.1	908-	60.5-
	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								
645	DISASTER REPAIRS	6351							
	OFFICE EQUIPMENT R&M	6365	2000		1062	938	33.3 53.1	1,186	59.3
	HOUSEHOLD EQUIPMENT R&	6370							
	MINOR EQUIPMENT R&M	6382							
	MOTOR VEHICLE EQ. R&M	6384	1500			1500	33.3	1,500-	100.0-
	COMMUNICATION EQ. R&M	6390							
	OTHER REPAIRS AND MAIN	6399							
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645	REPR/MAINT-OUTSIDE L		3500		1062	2438	33.3 30.3	314-	8.9-
	RENTALS								
	OFFICE EQUIPMENT RENT	6410	5000			5000	33.3	5,000-	100.0-
	OTHER RENT	6449							
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	RENTALS		5000			5000	33.3	5,000-	100.0-
	OTHER SERVICES & CHARGE								
	LATE PAYMENT CHARGE	6705							

	DUES AND MEMBERSHIPS	6840		3000		455		2545	33.3	15.1		1,634-	54.4-
	REGISTRATION FEE/TUITI	6845		4000		240		3760	33.3	6.0		3,280-	82.0-
	SERVICES NOT SPECIFIED	6999		1000		75		925	33.3	7.5		774-	77.4-
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	OTHER SERVICES & CHA			8000		770		7230	33.3	9.6		5,690-	71.1-
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1670	OTHER SERVICES & CHAR			173450		2,820		56314	33.3	32.4		4,508-	2.5-
	IMPROVEMENT OTHER THAN												
	OTHER IMPROVEMENTS	7295											
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	IMPROVEMENT OTHER TH												
	MACHINERY AND EQUIPMENT												
	HOUSEHOLD FURN/EQUIP.	7320		2000				2000	33.3			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	33.3			2,000-	100.0-
	VEHICLES												
	AUTOMOBILES	7400											
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	VEHICLES												
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	CAPITAL OUTLAY			2000				2000	33.3			2,000-	100.0-
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56022	EXPENDITURES			1034941		3,171		286902	33.3	27.7		174,235-	16.8-

001030 - GENERAL FUND-ELECTIONS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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							
	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							

001040 - GENERAL FUND-MUNICIPAL CLERK

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
6654	SALARIES							
	REGULAR WAGES 4000	115007		20634	94373	33.3 17.9	53,105-	46.1-
	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300							
	DISASTER RECOVERY OVER 4310							
6654	SALARIES	115007		20634	94373	33.3 17.9	53,105-	46.1-
	EMPLOYEE BENEFITS							
1048	STATE RETIREMENT 4600	18131		3250	14881	33.3 17.9	8,381-	46.2-
479	F.I.C.A. TAXES 4700	8806		1470	7336	33.3 16.6	4,396-	49.9-
1450	HOSPITALIZATION INS. 4800	31200		5510	25690	33.3 17.6	14,670-	47.0-
	UNEMPLOYMENT BENEFITS 4900	500			500	33.3	500-	100.0-
	WORKMAN'S COMPENSATION 4910	450			450	33.3	450-	100.0-
2977	EMPLOYEE BENEFITS	59087		10230	48857	33.3 17.3	28,397-	48.0-
9631	PERSONAL SERVICES	174094		30864	143230	33.3 17.7	81,502-	46.8-
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005							
651	OTHER EXPENDABLE OFF.S 5010	4500		838	3662	33.3 18.6	1,986-	44.1-
	MINOR OFFICE EQUIP/FUR 5020	850			850	33.3	850-	100.0-
	MICROFILM SUPPLIES 5030							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080	300			300	33.3	300-	100.0-
651	OFFICE SUPPLIES	5650		838	4812	33.3 14.8	3,136-	55.5-
	OPERATING SUPPLIES							
	FOOD 5115							
	GAS AND OIL 5250							
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590							
	OPERATING SUPPLIES							
651	SUPPLIES AND EXPENSES	5650		838	4812	33.3 14.8	3,136-	55.5-
	PROFESSIONAL SERVICES							
	CONSULTANT SERV/SURVEY 6020							
	ABSTRACTING & RECORDIN 6023							
	LEGAL 6025							
	DATA PROCESSING 6035							
	MICROFILM PROCESSING 6037							
	OTHER PROFESSIONAL SER 6049	15500			15500	33.3	15,500-	100.0-
	PROFESSIONAL SERVICE	15500			15500	33.3	15,500-	100.0-
	COMMUNICATIONS							
	TELEPHONE AND TELEGRAP 6060							
	POSTAGE 6070							

COMMUNICATIONS									
TRANSPORTATION									
408	TRAVEL EXPENSE	6110	500	408	92	33.3	81.6	724	144.8
	FREIGHT	6120							
	MESSENGER/EXPRESS SERV	6130	100		100	33.3		100-	100.0-
408	TRANSPORTATION		600	408	192	33.3	68.0	624	104.0
ADVERTISING									
1045	ADVERTISING	6150	25000	8035	16965	33.3	32.1	894-	3.5-
	ORDINANCE EXPENSE	6160	3000		3000	33.3		3,000-	100.0-
1045	ADVERTISING		28000	8035	19965	33.3	28.6	3,894-	13.9-
PRINTING AND BINDING									
	PRINTING	6200	1500	88	1412	33.3	5.8	1,236-	82.4-
	BINDING	6205							
PRINTING AND BINDING									
	INSURANCE		1500	88	1412	33.3	5.8	1,236-	82.4-
	SURETY AND FORGERY BON	6270							
INSURANCE									
REPR/MAINT-OUTSIDE LABO									
298	OFFICE EQUIPMENT R&M	6365	2000	1192	808	33.3	59.6	1,576	78.8
	DISINFECT./EXTERMINATI	6394	1000		1000	33.3		1,000-	100.0-
	OTHER REPAIRS AND MAIN	6399							
298	REPR/MAINT-OUTSIDE L		3000	1192	1808	33.3	39.7	576	19.2
RENTALS									
OFFICE EQUIPMENT RENT									
		6410							
RENTALS									
OTHER SERVICES & CHARGE									
200	DUES AND MEMBERSHIPS	6840	1000	200	800	33.3	20.0	400-	40.0-
	REGISTRATION FEE/TUITI	6845	1000		1000	33.3		1,000-	100.0-
	SERVICES NOT SPECIFIED	6999							
200	OTHER SERVICES & CHA		2000	200	1800	33.3	10.0	1,400-	70.0-
1951	OTHER SERVICES & CHAR		50600	9923	40677	33.3	19.6	20,830-	41.1-
MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	OTHER EQUIPMENT	7399							
MACHINERY AND EQUIPM									
CAPITAL OUTLAY									
12234	EXPENDITURES		230344	41626	188718	33.3	18.0	105,466-	45.7-

CITY OF HATTIESBURG

ALL FUNDS

THIS MONTH
ACTUAL

ANNUAL
BUDGET

OPEN PO
& CONTRACTS

YTD
ACTUAL

REMAINING
BALANCE

	PERCENT	PLAN	ACTUAL
1	100	100	100
2	100	100	100
3	100	100	100
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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 %

4000

4300

4600

4600

4700

4800

4900

4910

5003

5005

5010

5020

5030

5050

5060

5070

5080

5250

5255

5460

5590

MTR VEHICLE REP. PTS/S 5700

5990

SUPPLIES AND EXPENSES

CONSULTANT SERV/SURVEY 6020

6023

6025

6035

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
4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
16264	SALARIES								
	REGULAR WAGES 4000	213920		64486	149434	33.3	30.1	20,462-	9.5-
	DISASTER RECOVERY WAGE 4010								
	OVERTIME 4300								
	DISASTER RECOVERY OVER 4310								
16264	SALARIES	213920		64486	149434	33.3	30.1	20,462-	9.5-
	EMPLOYEE BENEFITS								
2562	STATE RETIREMENT 4600	33701		10156	23545	33.3	30.1	3,233-	9.5-
1209	F.I.C.A. TAXES 4700	16380		4792	11588	33.3	29.2	2,004-	12.2-
3480	HOSPITALIZATION INS. 4800	46800		13920	32880	33.3	29.7	5,040-	10.7-
	UNEMPLOYMENT BENEFITS 4900								
	WORKMAN'S COMPENSATION 4910	745			745	33.3		745-	100.0-
7250	EMPLOYEE BENEFITS	97626		28868	68758	33.3	29.5	11,022-	11.2-
23515	PERSONAL SERVICES	311546		93354	218192	33.3	29.9	31,484-	10.1-
	OFFICE SUPPLIES								
	PAPER 5003	650		115	535	33.3	17.6	304-	46.7-
	PRINTED FORMS 5005	1650			1650	33.3		1,650-	100.0-
	OTHER EXPENDABLE OFF.S 5010	1490		151	1339	33.3	10.1	1,036-	69.5-
	MINOR OFFICE EQUIP/FUR 5020	800	500		300	33.3		800-	100.0-
	MICROFILM SUPPLIES 5030								
	SUBSCRIPTIONS,MAGS,MAP 5050								
	BOOKS 5070								
190	COMPUTER SUPPLIES 5080	675		190	485	33.3	28.1	105-	15.5-
190	OFFICE SUPPLIES	5265	500	456	4309	33.3	8.6	3,897-	74.0-
	OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100	1000		138	862	33.3	13.8	586-	58.6-
	MINOR EQUIPMENT 5460								
	OTHER OPERATING MATL/S 5590								
	OPERATING SUPPLIES	1000		138	862	33.3	13.8	586-	58.6-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	10			10	33.3		10-	100.0-
	MINOR COMPUTER EQUIP. 5800	1000			1000	33.3		1,000-	100.0-
	OTHER REPAIR/MAINT. SP 5990								
	REPAIR & MAINTENANCE	1010			1010	33.3		1,010-	100.0-
190	SUPPLIES AND EXPENSES	7275	500	594	6181	33.3	8.1	5,493-	75.5-
	PROFESSIONAL SERVICES								
	CONSULTANT SERV/SURVEY 6020								
	DATA PROCESSING 6035								
	MICROFILM PROCESSING 6037								
	OTHER PROFESSIONAL SER 6049	1500	119		1381	33.3		1,500-	100.0-
	PROFESSIONAL SERVICE	1500	119		1381	33.3		1,500-	100.0-

	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060	200		25	175	33.3	12.5	124-	62.0-
	POSTAGE 6070								
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	COMMUNICATIONS	200		25	175	33.3	12.5	124-	62.0-
	TRANSPORTATION								
	TRAVEL EXPENSE 6110								
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130	125			125	33.3		125-	100.0-
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	TRANSPORTATION	125			125	33.3		125-	100.0-
	ADVERTISING								
	ADVERTISING 6150								
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	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200	1300		283	1018	33.3	21.7	450-	34.6-
	BINDING 6205								
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	PRINTING AND BINDING	1300		283	1018	33.3	21.7	450-	34.6-
	INSURANCE								
	SURETY AND FORGERY BON 6270								
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	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	OFFICE EQUIPMENT R&M 6365	200			200	33.3		200-	100.0-
	OTHER REPAIRS AND MAIN 6399	300			300	33.3		300-	100.0-
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	REPR/MAINT-OUTSIDE L	500			500	33.3		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								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA								
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	OTHER SERVICES & CHAR	3625	119	307	3199	33.3	8.4	2,703-	74.5-
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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								
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	CAPITAL OUTLAY								
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23705	EXPENDITURES	322446	619	94255	227572	33.3	29.2	39,680-	12.3-

-----	TRANSPORTATION	2000	-----	-----	-----	-----	-----	-----	-----
	ADVERTISING				2000	33.3		2,000-	100.0-
	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		615	985	33.3	38.4	245	15.3
	OTHER REPAIRS AND MAIN 6399	850			850	33.3		850-	100.0-
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138	REPR/MAINT-OUTSIDE L	2450		615	1835	33.3	25.1	604-	24.6-
	RENTALS								
	OFFICE EQUIPMENT RENT 6410								
-----	RENTALS		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840	500			500	33.3		500-	100.0-
	REGISTRATION FEE/TUITI 6845	1000			1000	33.3		1,000-	100.0-
	SERVICES NOT SPECIFIED 6999								
-----			-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA	1500			1500	33.3		1,500-	100.0-
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138	OTHER SERVICES & CHAR	5950		615	5335	33.3	10.3	4,104-	68.9-
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	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS 7150								
	OFFICE IMPROVEMENTS 7150 23								
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	BUILDING IMPROVEMEN								
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	BUILDING/BLD IMPROVE								
	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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11211	EXPENDITURES	115644	563	45016	70064	33.3	38.9	19,404	16.7

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
5385	REGULAR WAGES	4000	70000		21538	48462	33.3 30.7	5,386-	7.6-
	OVERTIME	4300							
5385	SALARIES		70000		21538	48462	33.3 30.7	5,386-	7.6-
	EMPLOYEE BENEFITS								
848	STATE RETIREMENT	4600	11030		3392	7638	33.3 30.7	854-	7.7-
412	F.I.C.A. TAXES	4700	5375		1648	3727	33.3 30.6	431-	8.0-
5	HOSPITALIZATION INS.	4800	7800		20	7780	33.3 .2	7,740-	99.2-
	UNEMPLOYMENT BENEFITS	4900							
	WORKMAN'S COMPENSATION	4910	260			260	33.3	260-	100.0-
1265	EMPLOYEE BENEFITS		24465		5060	19405	33.3 20.6	9,285-	37.9-
6650	PERSONAL SERVICES		94465		26598	67867	33.3 28.1	14,671-	15.5-
	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	33.3	3,500-	100.0-
	OTHER PROFESSIONAL SER	6049							
	PROFESSIONAL SERVICE		3500			3500	33.3	3,500-	100.0-
36	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP	6060	1000		243	757	33.3 24.3	270-	27.0-
	POSTAGE	6070							
36	COMMUNICATIONS		1000		243	757	33.3 24.3	270-	27.0-
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	1200			1200	33.3	1,200-	100.0-
	TRANSPORTATION		1200			1200	33.3	1,200-	100.0-
	PRINTING AND BINDING								
	PRINTING	6200							
	PRINTING AND BINDING								
160	OTHER SERVICES & CHARGE				982	18	33.3 98.2	1,946	194.6
	COURT COSTS	6710	1000			500	33.3	500-	100.0-
	DUES AND MEMBERSHIPS	6840	500			600	33.3	600-	100.0-
	REGISTRATION FEE/TUITI	6845	600						

160	OTHER SERVICES & CHA	2100		982	1118	33.3	46.7	846	40.2
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196	OTHER SERVICES & CHAR	7800		1225	6575	33.3	15.7	4,124-	52.8-
	<u>MACHINERY AND EQUIPMENT</u>								
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	CAPITAL OUTLAY								
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6846	EXPENDITURES	102265		27823	74442	33.3	27.2	18,795-	18.3-

	TRANSPORTATION		100		77	23	33.3	77.0		131	131.0
	ADVERTISING										
	ADVERTISING	6150									
	ADVERTISING										
	PRINTING AND BINDING										
	PRINTING	6200	200			200	33.3			200-	100.0-
	BINDING	6205									
	PRINTING AND BINDING		200			200	33.3			200-	100.0-
	INSURANCE										
	SURETY AND FORGERY BON	6270									
	INSURANCE										
	REPR/MAINT-OUTSIDE LABO										
	BUILDING R&M	6350									
315	OFFICE EQUIPMENT R&M	6365	5000		1349	3651	33.3	26.9		952-	19.0-
315	REPR/MAINT-OUTSIDE L		5000		1349	3651	33.3	26.9		952-	19.0-
	OTHER SERVICES & CHARGE										
	DUES AND MEMBERSHIPS	6840	250			250	33.3			250-	100.0-
	REGISTRATION FEE/TUITI	6845									
	SERVICES NOT SPECIFIED	6999									
	OTHER SERVICES & CHA		250			250	33.3			250-	100.0-
1402	OTHER SERVICES & CHAR		20110		5801	14309	33.3	28.8		2,706-	13.4-
	MACHINERY AND EQUIPMENT										
	OFFICE FURN/EQUIP.	7325									
	DATA PROCESSING EQUIP.	7327									
	MACHINERY AND EQUIPM										
	CAPITAL OUTLAY										
16534	EXPENDITURES		230825	365	64098	166362	33.3	27.7		38,531-	16.6-

001081 - GENERAL FUND-LOSS CONTROL

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
6045	SALARIES							
	REGULAR WAGES 4000	78587		24179	54408	33.3 30.7	6,049-	7.6-
	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300							
	DISASTER RECOVERY OVER 4310							
6045	SALARIES	78587		24179	54408	33.3 30.7	6,049-	7.6-
	EMPLOYEE BENEFITS							
952	STATE RETIREMENT 4600	12380		3808	8572	33.3 30.7	956-	7.7-
435	F.I.C.A. TAXES 4700	6020		1740	4280	33.3 28.9	800-	13.2-
1160	HOSPITALIZATION INS. 4800	15600		4640	10960	33.3 29.7	1,680-	10.7-
	UNEMPLOYMENT BENEFITS 4900							
	WORKMAN'S COMPENSATION 4910	980			980	33.3	980-	100.0-
2547	EMPLOYEE BENEFITS	34980		10189	24791	33.3 29.1	4,412-	12.6-
8592	PERSONAL SERVICES	113567		34368	79199	33.3 30.2	10,463-	9.2-
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005	300			300	33.3	300-	100.0-
	OTHER EXPENDABLE OFF.S 5010	1200		336	864	33.3 28.0	192-	16.0-
	MINOR OFFICE EQUIP/FUR 5020	300			300	33.3	300-	100.0-
	PHOTO SUPPLIES 5040	100			100	33.3	100-	100.0-
	SUBSCRIPTIONS,MAGS,MAP 5050	350		5-	355	33.3 1.4	334-	95.4-
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
	OFFICE SUPPLIES	2250		331	1919	33.3 14.7	1,256-	55.8-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
	MEDICAL SUPPLIES 5120	150			150	33.3	150-	100.0-
99	GAS AND OIL 5250	2000		454	1546	33.3 22.7	638-	31.9-
	LUBRICANTS 5255							
	WEARING APPAREL 5355	300			300	33.3	300-	100.0-
	MINOR EQUIPMENT 5460	1000			1000	33.3	1,000-	100.0-
	OTHER OPERATING MATL/S 5590							
99	OPERATING SUPPLIES	3450		454	2996	33.3 13.1	2,088-	60.5-
	REPAIR & MAINTENANCE SP							
	BUILDING MATERIALS & S 5600							
	MTR VEHICLE REP. PTS/S 5700	1000	75		925	33.3	1,000-	100.0-
	COMMUNICATION REPAIR P 5750	200			200	33.3	200-	100.0-
	OTHER REPAIR/MAINT. SP 5990							
	REPAIR & MAINTENANCE	1200	75		1125	33.3	1,200-	100.0-
99	SUPPLIES AND EXPENSES	6900	75	785	6040	33.3 11.3	4,544-	65.8-
	COMMUNICATIONS							

96	TELEPHONE AND TELEGRAP	6060	1400	481	919	33.3	34.3	43	3.0
	POSTAGE	6070							
96	COMMUNICATIONS		1400	481	919	33.3	34.3	43	3.0
	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	33.3	63.5	724	90.5
	COMMUNICATION EQ. R&M	6390							
	CLEANING AND PAINTING	6392							
	OTHER REPAIRS AND MAIN	6399	1800		1800	33.3		1,800-	100.0-
	REPR/MAINT-OUTSIDE L		2600	508	2092	33.3	19.5	1,076-	41.3-
	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	989	3011	33.3	24.7	1,032-	25.8-
	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								

8787

EXPENDITURES

124467

75

36143

88250

33.3 29.0

16,037-

12.8-

001090 - GENERAL FUND-URBAN DEVELOPMT

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	SALARIES						
30924	REGULAR WAGES 4000	465978		125171	340807	33.3 26.8	90,464- 19.4-
	DISASTER RECOVERY WAGE 4010						
	OVERTIME 4300			1254	1254-		3,762
	DISASTER RECOVERY OVER 4310						
30924	SALARIES	465978		126425	339553	33.3 27.1	86,702- 18.6-
	EMPLOYEE BENEFITS						
4871	STATE RETIREMENT 4600	73403		20075	53328	33.3 27.3	13,177- 17.9-
2208	F.I.C.A. TAXES 4700	35648		9197	26451	33.3 25.7	8,056- 22.5-
5800	HOSPITALIZATION INS. 4800	101400		22700	78700	33.3 22.3	33,300- 32.8-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	33.3	1,000- 100.0-
	WORKMAN'S COMPENSATION 4910	4000			4000	33.3	4,000- 100.0-
12878	EMPLOYEE BENEFITS	215451		51972	163479	33.3 24.1	59,535- 27.6-
43803	PERSONAL SERVICES	681429		178397	503032	33.3 26.1	146,237- 21.4-
	OFFICE SUPPLIES						
129	PAPER 5003	1800	60	326	1414	33.3 18.1	822- 45.6-
	PRINTED FORMS 5005						
267	OTHER EXPENDABLE OFF.S 5010	2800		1106	1694	33.3 39.5	518 18.5
35	N.I.P. SUPPLIES 5011	13267		2080	11187	33.3 15.6	7,027- 52.9-
	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	33.3 20.4	388- 38.8-
	MINOR OFFICE EQUIP/FUR 5020	1450		358	1092	33.3 24.6	376- 25.9-
	PHOTO SUPPLIES 5040						
	SUBSCRIPTIONS,MAGS,MAP 5050						
	BOOKS 5070	360			360	33.3	360- 100.0-
39	COMPUTER SUPPLIES 5080	3796		260	3536	33.3 6.8	3,016- 79.4-
469	OFFICE SUPPLIES	24473	60	4334	20079	33.3 17.7	11,471- 46.8-
	OPERATING SUPPLIES						
	FOOD 5115	200			200	33.3	200- 100.0-
36	GAS AND OIL 5250	2000		495	1505	33.3 24.7	514- 25.7-
	LUBRICANTS 5255						
	MINOR EQUIPMENT 5460	100			100	33.3	100- 100.0-
	OTHER OPERATING MATL/S 5590	100			100	33.3	100- 100.0-
36	OPERATING SUPPLIES	2400		495	1905	33.3 20.6	914- 38.0-
	REPAIR & MAINTENANCE SP						
	BUILDING MATERIALS & S 5600	300			300	33.3	300- 100.0-
	PAINT AND PAINTING SPL 5650	150			150	33.3	150- 100.0-
227	MTR VEHICLE REP. PTS/S 5700	1500	235	279	987	33.3 18.6	662- 44.1-
	OTHER REPAIR/MAINT. SP 5990						
227	REPAIR & MAINTENANCE	1950	235	279	1437	33.3 14.3	1,112- 57.0-

732	SUPPLIES AND EXPENSES	28823	295	5108	23421	33.3	17.7	13,499-	46.8-
	PROFESSIONAL SERVICES								
	ENGINEERING 6015								
	CONSULTANT SERV/SURVEY 6020	10000			10000	33.3		10,000-	100.0-
	CONSULTANT SERV-TWIN F 6020 01								
	CONSULTANT SERV-MIDTOW 6020 02	12147			12147	33.3		12,147-	100.0-
	ABSTRACTING & RECORDIN 6023								
	LEGAL 6025								
	OTHER PROFESSIONAL SER 6049	55000			55000	33.3		55,000-	100.0-
	OTHER PROF SERV-NLC OU 6049 98								
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	PROFESSIONAL SERVICE	77147			77147	33.3		77,147-	100.0-
	COMMUNICATIONS								
251	TELEPHONE AND TELEGRAP 6060	4500		1370	3130	33.3	30.4	390-	8.6-
	POSTAGE 6070	100			100	33.3		100-	100.0-
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251	COMMUNICATIONS	4600		1370	3230	33.3	29.7	490-	10.6-
	TRANSPORTATION								
343	TRAVEL EXPENSE 6110	12400	1,046	2520	8834	33.3	20.3	4,840-	39.0-
	TRVL EXP-MIDTOWN STDY 6111								
	TRVL EXP-NLC HEALTH OU 6112								
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130	100		43	57	33.3	43.0	29	29.0
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343	TRANSPORTATION	12500	1,046	2563	8891	33.3	20.5	4,810-	38.4-
	ADVERTISING								
	ADVERTISING 6150								
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	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200	3700		401	3299	33.3	10.8	2,496-	67.4-
	PRINTING-GRANT RELATED 6202								
	BLUELINES 6210								
	FILM PROCESSING 6240								
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	PRINTING AND BINDING	3700		401	3299	33.3	10.8	2,496-	67.4-
	INSURANCE								
	AUTOMOBILE INSURANCE 6265								
	SURETY AND FORGERY BON 6270								
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	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	OFFICE EQUIPMENT R&M 6365								
	MOTOR VEHICLE EQ. R&M 6384								
	SIGN PAINTING 6396								
105	OTHER REPAIRS AND MAIN 6399	500	90	249	161	33.3	49.8	247	49.4
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105	REPR/MAINT-OUTSIDE L	500	90	249	161	33.3	49.8	247	49.4
	RENTALS								
369	OFFICE EQUIPMENT RENT 6410	6500		1313	5187	33.3	20.2	2,560-	39.3-
	OTHER RENT 6449								
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369	RENTALS	6500		1313	5187	33.3	20.2	2,560-	39.3-
	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO 6500								
	DUES AND MEMBERSHIPS 6840	2600	440	669	1491	33.3	25.7	592-	22.7-
120	REGISTRATION FEE/TUITI 6845	5650	1,437	349	3864	33.3	6.1	4,602-	81.4-

SERVICES NOT SPECIFIED 6999

-----	120	OTHER SERVICES & CHA	-----	8250	-----	1,877	-----	1018	-----	5355	-----	33.3	-----	12.3	-----	5,196-	-----	62.9-
-----	1189	OTHER SERVICES & CHAR	-----	113197	-----	3,013	-----	6913	-----	103271	-----	33.3	-----	6.1	-----	92,457-	-----	81.6-
-----		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	-----		-----		-----		-----		-----		-----		-----		-----	
-----	45723	EXPENDITURES	-----	823449	-----	3,308	-----	190418	-----	629723	-----	33.3	-----	23.1	-----	252,195-	-----	30.6-

001091 - GENERAL FUND-INFO TECHNOLOGY

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
21030	SALARIES								
	REGULAR WAGES 4000	273393		84122	189271	33.3	30.7	21,027-	7.6-
	DISASTER RECOVERY WAGE 4010								
	OVERTIME 4300								
	DISASTER RECOVERY OVER 4310								
21030	SALARIES	273393		84122	189271	33.3	30.7	21,027-	7.6-
	EMPLOYEE BENEFITS								
3312	STATE RETIREMENT 4600	43075		13249	29826	33.3	30.7	3,327-	7.7-
1524	F.I.C.A. TAXES 4700	20925		6097	14828	33.3	29.1	2,633-	12.5-
4060	HOSPITALIZATION INS. 4800	54600		16240	38360	33.3	29.7	5,880-	10.7-
	UNEMPLOYMENT BENEFITS 4900								
	WORKMAN'S COMPENSATION 4910	1075			1075	33.3		1,075-	100.0-
8897	EMPLOYEE BENEFITS	119675		35587	84088	33.3	29.7	12,913-	10.7-
29927	PERSONAL SERVICES	393068		119709	273359	33.3	30.4	33,940-	8.6-
152	OFFICE SUPPLIES								
	PAPER 5003	2500		203	2297	33.3	8.1	1,890-	75.6-
	PRINTED FORMS 5005								
	OTHER EXPENDABLE OFF.S 5010	1500			1500	33.3		1,500-	100.0-
	MINOR OFFICE EQUIP/FUR 5020								
	SUBSCRIPTIONS,MAGS,MAP 5050								
	BOOKS 5070								
4989	COMPUTER SUPPLIES 5080	50000	437	17105	32457	33.3	34.2	1,315	2.6
	COMPUTR SUP-PURCHASE C 5081								
5140	OFFICE SUPPLIES	54000	437	17309	36254	33.3	32.0	2,072-	3.8-
	OPERATING SUPPLIES								
33	GAS AND OIL 5250	800		186	614	33.3	23.2	242-	30.2-
	UNIFORMS, BADGES, ETC. 5350								
23	MINOR EQUIPMENT 5460	1200		23	1178	33.3	1.9	1,130-	94.1-
	OTHER OPERATING MATL/S 5590								
56	OPERATING SUPPLIES	2000		209	1791	33.3	10.4	1,372-	68.6-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600								
	MTR VEHICLE REP. PTS/S 5700	400	170		230	33.3		400-	100.0-
	MINOR COMPUTER EQUIP. 5800	1500			1500	33.3		1,500-	100.0-
	REPAIR & MAINTENANCE	1900	170		1730	33.3		1,900-	100.0-
5196	SUPPLIES AND EXPENSES	57900	607	17517	39775	33.3	30.2	5,348-	9.2-
1650	PROFESSIONAL SERVICES								
	DATA PROCESSING 6035	35000		15450	19550	33.3	44.1	11,350	32.4
	OTHER PROFESSIONAL SER 6049	3500		2453	1047	33.3	70.0	3,859	110.2
1650	PROFESSIONAL SERVICE COMMUNICATIONS	38500		17903	20597	33.3	46.5	15,209	39.5

420	TELEPHONE AND TELEGRAP	6060	3000	2098	902	33.3	69.9	3,294	109.8
14007	NETWORK	6068	215000	87932	127068	33.3	40.8	48,796	22.6
2401	NETWORK WIRELESS	6069	28800	9603	19197	33.3	33.3	9	
	POSTAGE	6070							
16828	COMMUNICATIONS		246800	99633	147167	33.3	40.3	52,099	21.1
	TRANSPORTATION								
	TRAVEL EXPENSE	6110							
	FREIGHT	6120	130		130	33.3		130	100.0
	MESSENGER/EXPRESS SERV	6130							
	TRANSPORTATION		130		130	33.3		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								
29729	ELECTRICAL R&M	6355	307715	91357	216358	33.3	29.6	33,643	10.9
	OFFICE EQUIPMENT R&M	6365							
	MOTOR VEHICLE EQ. R&M	6384	100	190	90	33.3		100	100.0
	TOW IN CHARGES	6398							
29729	REPR/MAINT-OUTSIDE L		307815	190	91357	33.3	29.6	33,743	10.9
	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								
48207	OTHER SERVICES & CHAR		593245	190	208893	33.3	35.2	33,434	5.6
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
2700	DATA PROCESSING EQUIP.	7327	100000	12,777	4030	33.3	4.0	87,910	87.9
	FINANCIAL SOFTWARE	7328	75000		8400	33.3	11.2	49,800	66.4
	DOM PREP GRANT 06HS205	7332							
47	PUBLIC SAFETY SOFTWARE	7333	151250	38234	113016	33.3	25.2	36,548	24.1
	COMMUNICATION EQUIPMEN	7355							
	OTHER EQUIPMENT	7399							
2747	MACHINERY AND EQUIPM		326250	12,777	50664	33.3	15.5	174,258	53.4
	VEHICLES								
	AUTOMOBILES	7400							

VEHICLES									
2747	CAPITAL OUTLAY	326250	12,777	50664	262808	33.3	15.5	174,258-	53.4-
86078	EXPENDITURES	1370463	13,574	396783	960105	33.3	28.9	180,113-	13.1-

001092 - GENERAL FUND-GEN.GOV.T.BLDG

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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							
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	SALARIES							
	EMPLOYEE BENEFITS							
	STATE RETIREMENT 4600							
	F.I.C.A. TAXES 4700							
	HOSPITALIZATION INS. 4800							
	UNEMPLOYMENT BENEFITS 4900							
	WORKMAN'S COMPENSATION 4910							
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	EMPLOYEE BENEFITS							
-----		-----	-----	-----	-----	-----	-----	-----
	PERSONAL SERVICES							
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	250			250	33.3	250-	100.0-
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	OFFICE SUPPLIES	250			250	33.3	250-	100.0-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100	3600		562	3038	33.3 15.6	1,914-	53.1-
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130	3810			3810	33.3	3,810-	100.0-
	DIESEL FUEL 5257							
	HORT./LANDSCAPING SPLY 5440	2250		1229	1021	33.3 54.6	1,437	63.8
	HAND TOOLS 5450	25			25	33.3	25-	100.0-
	MINOR EQUIPMENT 5460	3000			3000	33.3	3,000-	100.0-
	OTHER OPERATING MATL/S 5590	200			200	33.3	200-	100.0-
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	OPERATING SUPPLIES	12885		1791	11094	33.3 13.8	7,511-	58.2-
	REPAIR & MAINTENANCE SP							
28	BUILDING MATERIALS & S 5600	3000		28	2972	33.3 .9	2,916-	97.2-
40	ELECTRICAL SUPPLIES 5605	2800		184	2616	33.3 6.5	2,248-	80.2-
	PLUMBING SUPPLIES 5610	3000	89	38	2873	33.3 1.2	2,886-	96.2-
	PAINT AND PAINTING SPL 5650	5000			5000	33.3	5,000-	100.0-
	OTHER REPAIR/MAINT. SP 5990	100			100	33.3	100-	100.0-
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68	REPAIR & MAINTENANCE	13900	89	250	13562	33.3 1.7	13,150-	94.6-
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68	SUPPLIES AND EXPENSES	27035	89	2041	24905	33.3 7.5	20,911-	77.3-
	PROFESSIONAL SERVICES							
	BUILDING SECURITY 6021	2000		900	1100	33.3 45.0	700	35.0
2251	OTHER PROFESSIONAL SER 6049	30039		9423	20616	33.3 31.3	1,769-	5.8-
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2251	PROFESSIONAL SERVICE	32039		10323	21716	33.3 32.2	1,069-	3.3-

COMMUNICATIONS									
TELEPHONE AND TELEGRAP 6060									
TELEPHONE-EATON SCHOOL 6060 GRANT									

COMMUNICATIONS									
TRANSPORTATION									
FREIGHT 6120									
MESSENGER/EXPRESS SERV 6130									

TRANSPORTATION									
INSURANCE									
PUBLIC LIAB/PROPERTY D 6255									
BOILER MACHINERY 6260									

INSURANCE									
UTILITIES									
209	GAS	6300	3500	288	3212	33.3	8.2	2,636-	75.3-
GAS-TRAIN DEPOT 6300 DEPOT									
GAS-EATON SCHOOL 6300 GRANT									
4247	ELECTRICITY	6305	75000	15264	59736	33.3	20.3	29,208-	38.9-
ELECTRICITY-EMP MED CL 6305 CLINIC									
ELECTRICITY-TRAIN DEPO 6305 DEPOT									
ELECTRICITY-EATON SCHO 6305 GRANT									

4456	UTILITIES		78500	15552	62948	33.3	19.8	31,844-	40.5-
REPR/MAINT-OUTSIDE LABO									
BUILDING R&M 6350 100000									
ELECTRICAL R&M 6355 1000									
PLUMBING EQUIPMENT R&M 6357 1000									
HOUSEHOLD EQUIPMENT R& 6370 7030									
1176	FIXED EQUIPMENT R&M	6380	10030	2352	7678	33.3	23.4	2,974-	29.6-
MINOR EQUIPMENT R&M 6382									
CLEANING AND PAINTING 6392 3900									
EXTERMINATION-DEPOT 6393									
113	DISINFECT./EXTERMINATI	6394	1250	226	1024	33.3	18.0	572-	45.7-
OTHER REPAIRS AND MAIN 6399 500									

1289	REPR/MAINT-OUTSIDE L		124710	2578	122132	33.3	2.0	116,976-	93.7-
RENTALS									
MOP-MAT-RAG RENT 6435 14000									
OTHER RENT 6449									

RENTALS									
OTHER SERVICES & CHARGE									
CUSTODIAL SERVICE 6870									

OTHER SERVICES & CHA									

7996	OTHER SERVICES & CHAR		249249	31754	217495	33.3	12.7	153,987-	61.7-

LAND									
LAND 7000									

LAND									
BUILDING/BLD IMPROVEMEN									
BUILDINGS									
30278	FIRST BAPTIST CHURCH	7100 13	377000	312894	64106	33.3	82.9	561,682	148.9
PINE ST CHURCH BUILDI		7100 26							
RENOV OLD FED BLD-MUN		7150 42							

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30278	BUILDINGS	377000		312894	64106	33.3	82.9	561,682	148.9
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30278	BUILDING/BLD IMPROVE	377000		312894	64106	33.3	82.9	561,682	148.9
	IMPROVEMENT OTHER THAN								
	LANDSCAPING 7250								
	OTHER IMPROVEMENTS 7295	20000			20000	33.3		20,000-	100.0-
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	IMPROVEMENT OTHER TH	20000			20000	33.3		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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30278	CAPITAL OUTLAY	397000		312894	84106	33.3	78.8	541,682	136.4
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38342	EXPENDITURES	673284	89	346688	326507	33.3	51.4	366,780	54.4

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
4 Months Ending 01/31/18

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									
	CLEANING/JANITORIAL SP	5100	3200	838	132	2231	33.3	4.1	2,804-	87.6-
	GAS AND OIL	5250								
	LUBRICANTS	5255								
	HORT./LANDSCAPING SPLY	5440	4000		40-	4040	33.3	1.0	3,880-	97.0-
	MINOR EQUIPMENT	5460	2000	199		1801	33.3		2,000-	100.0-
	OTHER OPERATING MATL/S	5590	2000			2000	33.3		2,000-	100.0-
	OPERATING SUPPLIES		11200	1,037	92	10072	33.3	.8	10,924-	97.5-
	REPAIR & MAINTENANCE SP									
195	BUILDING MATERIALS & S	5600	5000		195	4805	33.3	3.9	4,414-	88.2-
85	ELECTRICAL SUPPLIES	5605	5000		85	4915	33.3	1.7	4,744-	94.8-
	PLUMBING SUPPLIES	5610	1500			1500	33.3		1,500-	100.0-
	PAINT AND PAINTING SPL	5650								
	MTR VEHICLE REP. PTS/S	5700								
	AGRICLTRL REPAIR PTS/S	5755								
	OTHER REPAIR/MAINT. SP	5990	2700			2700	33.3		2,700-	100.0-
280	REPAIR & MAINTENANCE		14200		280	13920	33.3	1.9	13,360-	94.0-
280	SUPPLIES AND EXPENSES		25400	1,037	372	23992	33.3	1.4	24,284-	95.6-
	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	33.3		20-	100.0-
-----	TRANSPORTATION	20			20	33.3		20-	100.0-
	ADVERTISING								
	ADVERTISING 6150	2600			2600	33.3		2,600-	100.0-
-----	ADVERTISING	2600			2600	33.3		2,600-	100.0-
	PRINTING AND BINDING								
	PRINTING 6200								
-----	PRINTING AND BINDING								
	INSURANCE								
	AUTOMOBILE INSURANCE 6265								
	SURETY AND FORGERY BON 6270								
-----	INSURANCE								
	UTILITIES								
	GAS 6300								
4339	ELECTRICITY 6305	40000		11580	28420	33.3	28.9	5,260-	13.1-
-----	UTILITIES	40000		11580	28420	33.3	28.9	5,260-	13.1-
4339	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	55000	131	5165	49705	33.3	9.3	39,504-	71.8-
	ELECTRICAL R&M 6355	4300		127	4173	33.3	2.9	3,918-	91.1-
	PLUMBING EQUIPMENT R&M 6357	95			95	33.3		95-	100.0-
	OFFICE EQUIPMENT R&M 6365								
	MOTOR VEHICLE EQ. R&M 6384								
85	DISINFECT./EXTERMINATI 6394	1120		1035	85	33.3	92.4	1,985	177.2
	SIGN PAINTING 6396								
	OTHER REPAIRS AND MAIN 6399	29905			29905	33.3		29,905-	100.0-
-----	REPR/MAINT-OUTSIDE L	90420	131	6327	83963	33.3	6.9	71,438-	79.0-
85	RENTALS								
89	UNIFORM RENT 6430	400		123	277	33.3	30.7	30-	7.5-
	OTHER RENT 6449								
-----	RENTALS	400		123	277	33.3	30.7	30-	7.5-
89	OTHER SERVICES & CHARGE								
	EXHIBITIONS & PROMOTIO 6500								
	DUES AND MEMBERSHIPS 6840								
	REGISTRATION FEE/TUITI 6845								
	CUSTODIAL SERVICE 6870								
	SERVICES NOT SPECIFIED 6999								
-----	OTHER SERVICES & CHA								
-----	OTHER SERVICES & CHAR	133440	131	18030	115279	33.3	13.5	79,350-	59.4-
4513									
-----	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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4793	EXPENDITURES		158840	1,168	18402	139271	33.3 11.5	103,634-	65.2-

001094 - GENERAL FUND-METRPLTN PLANG.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
13086	SALARIES							
	REGULAR WAGES 4000	177875		48825	129050	33.3 27.4	31,399-	17.6-
	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300							
	DISASTER RECOVERY OVER 4310							
13086	SALARIES	177875		48825	129050	33.3 27.4	31,399-	17.6-
	EMPLOYEE BENEFITS							
2029	STATE RETIREMENT 4600	28025		7658	20367	33.3 27.3	5,051-	18.0-
935	F.I.C.A. TAXES 4700	13620		3468	10152	33.3 25.4	3,216-	23.6-
2320	HOSPITALIZATION INS. 4800	39000		9860	29140	33.3 25.2	9,420-	24.1-
	UNEMPLOYMENT BENEFITS 4900							
	WORKMAN'S COMPENSATION 4910	600			600	33.3	600-	100.0-
5284	EMPLOYEE BENEFITS	81245		20986	60259	33.3 25.8	18,287-	22.5-
18370	PERSONAL SERVICES	259120		69812	189308	33.3 26.9	49,684-	19.1-
	OFFICE SUPPLIES							
	PAPER 5003	1000		79	921	33.3 7.9	762-	76.2-
	PRINTED FORMS 5005							
44-	OTHER EXPENDABLE OFF.S 5010	5500	350	751	4399	33.3 13.6	3,246-	59.0-
	MINOR OFFICE EQUIP/FUR 5020	2500			2500	33.3	2,500-	100.0-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080	3000		1099	1901	33.3 36.6	297	9.9
44-	OFFICE SUPPLIES	12000	350	1929	9721	33.3 16.0	6,212-	51.7-
	OPERATING SUPPLIES							
	FOOD 5115	2000		41	1959	33.3 2.0	1,876-	93.8-
22	GAS AND OIL 5250	2000		80	1920	33.3 4.0	1,760-	88.0-
	MINOR EQUIPMENT 5460	1500			1500	33.3	1,500-	100.0-
	MTR VEHICLE REP. PTS/S 5700	700			700	33.3	700-	100.0-
22	OPERATING SUPPLIES	6200		121	6079	33.3 1.9	5,836-	94.1-
22-	SUPPLIES AND EXPENSES	18200	350	2051	15800	33.3 11.2	12,046-	66.1-
	PROFESSIONAL SERVICES							
	ENGINEERING 6015							
	CONSULTANT SERV/SURVEY 6020	75000			75000	33.3	75,000-	100.0-
	ABSTRACTING & RECORDIN 6023							
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049	5500			5500	33.3	5,500-	100.0-
	PROFESSIONAL SERVICE	80500			80500	33.3	80,500-	100.0-
	COMMUNICATIONS							
	TELEPHONE AND TELEGRAP 6060							
	POSTAGE 6070							

	COMMUNICATIONS							
	TRANSPORTATION							
	TRAVEL EXPENSE 6110	12000			12000	33.3		12,000- 100.0-
	FREIGHT 6120							
	MESSENGER/EXPRESS SERV 6130	1000			1000	33.3		1,000- 100.0-
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	TRANSPORTATION	13000			13000	33.3		13,000- 100.0-
	ADVERTISING							
	ADVERTISING 6150	2500			2500	33.3		2,500- 100.0-
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	ADVERTISING	2500			2500	33.3		2,500- 100.0-
	PRINTING AND BINDING							
	PRINTING 6200	700			700	33.3		700- 100.0-
	BLUELINES 6210							
	FILM PROCESSING 6240							
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	PRINTING AND BINDING	700			700	33.3		700- 100.0-
	REPR/MAINT-OUTSIDE LABO							
476	OFFICE EQUIPMENT R&M 6365	6000		1803	4197	33.3	30.0	590- 9.8-
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476	REPR/MAINT-OUTSIDE L	6000		1803	4197	33.3	30.0	590- 9.8-
	OTHER SERVICES & CHARGE							
	EXHIBITIONS & PROMOTIO 6500							
	TRAIN DAY EVENT 6500 01	3000			3000	33.3		3,000- 100.0-
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	EXHIBITIONS & PROMO	3000			3000	33.3		3,000- 100.0-
	DUES AND MEMBERSHIPS 6840	1000			1000	33.3		1,000- 100.0-
	REGISTRATION FEE/TUITI 6845	2500			2500	33.3		2,500- 100.0-
	SERVICES NOT SPECIFIED 6999	1500		182	1318	33.3	12.1	954- 63.6-
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	OTHER SERVICES & CHA	8000		182	7818	33.3	2.2	7,454- 93.1-
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476	OTHER SERVICES & CHAR	110700		1985	108715	33.3	1.7	104,744- 94.6-
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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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18824	EXPENDITURES	388020	350	73847	313823	33.3	19.0	166,478- 42.9-

001095 - GENERAL FUND-G/G INS.OTH SER

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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		230000	33.3	230,000-	100.0-
	CONSULTANT-GORDONS CRK	6020 05						
8977	LEGAL	6025	750000	5,956	464068	33.3	642,204	85.6
	CAFE PLAN-ADMIN.COSTS	6026	4500		4500	33.3	4,500-	100.0-
3795	MEDICAL	6027	30000	9467	20533	33.3	1,598-	5.3-
31202	MEDICAL ANALYSIS-EMP C	6027 01	384000	157176	226824	33.3	87,528	22.7
	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								
	NLC FINANCIAL INITIATI	6043	20325		5007	15318	33.3	24.6	5,303-	26.0-
	CONTRIB FUNDED EVENTS	6046								
	COMMUNITY CONVERSATIO	6046 01								
5395	CONTRIB FUNDED EVEN									
	OTHER PROFESSIONAL SER	6049	300000		41976	258024	33.3	13.9	174,072-	58.0-
49369	PROFESSIONAL SERVICE		1718825	5,956	677694	1035175	33.3	39.4	314,257	18.2
9843	TELEPHONE AND TELEGRAP	6060	110000		42797	67203	33.3	38.9	18,391	16.7
	TELEPHONE RENT	6065								
	NETWORK	6068								
	POSTAGE	6070	53000		1207	51793	33.3	2.2	49,378-	93.1-
9843	COMMUNICATIONS		163000		44004	118996	33.3	26.9	30,988-	19.0-
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	6800			6800	33.3		6,800-	100.0-
	MESSENGER/EXPRESS SERV	6130								
	TRANSPORTATION		6800			6800	33.3		6,800-	100.0-
	ADVERTISING									
	UNALLOCATED ADVERTISIN	6155	16000		795	15205	33.3	4.9	13,614-	85.0-
	ADVERTISING		16000		795	15205	33.3	4.9	13,614-	85.0-
	PRINTING AND BINDING									
	PRINTING	6200	4000		588	3412	33.3	14.7	2,236-	55.9-
	BINDING	6205								
	PRINTING AND BINDING		4000		588	3412	33.3	14.7	2,236-	55.9-
	INSURANCE									
12417	FIRE & EXTENDED COVERA	6250	220000			220000	33.3		220,000-	100.0-
	PUBLIC LIAB/PROPERTY D	6255	475000		499635	24635-	33.3	105.1	1,023,905	215.5
	BOILER MACHINERY	6260								
1081	SURETY AND FORGERY BON	6270	2500			2500	33.3		2,500-	100.0-
	OTHER INSURANCE	6299	6000		1081	4919	33.3	18.0	2,756-	45.9-
13498	INSURANCE		703500		500716	202784	33.3	71.1	798,648	113.5
	REPR/MAINT-OUTSIDE LABO									
	OFFICE EQUIPMENT R&M	6365	45000			45000	33.3		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								
	REPR/MAINT-OUTSIDE L		45000			45000	33.3		45,000-	100.0-
	OTHER SERVICES & CHARGE									
	SETTLEMT OF DAMAGE CLA	6700	140000			140000	33.3		140,000-	100.0-
	LATE PAYMENT CHARGE	6705	25		25		33.3	100.0	50	200.0
	COURT COSTS	6710								
	THEFT LOSS	6818								
5537	PROP.TAX COLL. FEES .0	6830	65000		21750	43250	33.3	33.4	250	.3
19811	PROP.TAX COLL. FEES.00	6831	92000		21228	70772	33.3	23.0	28,316-	30.7-
218	BANK SERV/TRF FEE	6832	2575		898	1677	33.3	34.8	119	4.6
	DUES AND MEMBERSHIPS	6840	22500		14097	8403	33.3	62.6	19,791	87.9
	REGISTRATION FEE/TUITI	6845	4800			4800	33.3		4,800-	100.0-
	PROPERTY TAXES	6995								

	LOBBYING	6998							
	SERVICES NOT SPECIFIED	6999	18000		16376	1624	33.3	90.9	31,128 172.9
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25566	OTHER SERVICES & CHA		344900		74374	270526	33.3	21.5	121,778- 35.3-
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98276	OTHER SERVICES & CHAR		3002025	5,956	1298171	1697898	33.3	43.2	892,488 29.7
	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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98276	EXPENDITURES		3002025	5,956	1298171	1697898	33.3	43.2	892,488 29.7

001096 - GENERAL FUND-FED PROG ADMIN

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	SALARIES						
5975	REGULAR WAGES 4000	62956		23225	39731	33.3 36.8	6,719 10.6
	DISASTER RECOVERY WAGE 4010						
	OVERTIME 4300						
	DISASTER RECOVERY OVER 4310						
5975	SALARIES	62956		23225	39731	33.3 36.8	6,719 10.6
	EMPLOYEE BENEFITS						
1061	STATE RETIREMENT 4600	9917		4020	5897	33.3 40.5	2,143 21.6
488	F.I.C.A. TAXES 4700	4820		1842	2978	33.3 38.2	706 14.6
580	HOSPITALIZATION INS. 4800	12780		2900	9880	33.3 22.6	4,080- 31.9-
	UNEMPLOYMENT BENEFITS 4900	3820		470	3350	33.3 12.3	2,410- 63.0-
	WORKMAN'S COMPENSATION 4910	3000			3000	33.3	3,000- 100.0-
2129	EMPLOYEE BENEFITS	34337		9232	25105	33.3 26.8	6,641- 19.3-
8104	PERSONAL SERVICES	97293		32457	64836	33.3 33.3	78
	OFFICE SUPPLIES						
	PAPER 5003	200			200	33.3	200- 100.0-
	PRINTED FORMS 5005						
	OTHER EXPENDABLE OFF.S 5010	500			500	33.3	500- 100.0-
681	MINOR OFFICE EQUIP/FUR 5020	3639		1055	2584	33.3 28.9	473- 12.9-
	MICROFILM SUPPLIES 5030						
	SUBSCRIPTIONS,MAGS,MAP 5050						
	BOOKS 5070						
	COMPUTER SUPPLIES 5080						
681	OFFICE SUPPLIES	4339		1055	3284	33.3 24.3	1,173- 27.0-
	OPERATING SUPPLIES						
	CLEANING/JANITORIAL SP 5100						
	FOOD 5115	600			600	33.3	600- 100.0-
61	GAS AND OIL 5250	1500		238	1262	33.3 15.8	786- 52.4-
	MINOR EQUIPMENT 5460						
	OTHER OPERATING MATL/S 5590	400			400	33.3	400- 100.0-
	OTHER OPER.MATL-BROWNS 5591						
61	OPERATING SUPPLIES	2500		238	2262	33.3 9.5	1,786- 71.4-
	REPAIR & MAINTENANCE SP						
	BUILDING MATERIALS & S 5600						
	MTR VEHICLE REP. PTS/S 5700	1000			1000	33.3	1,000- 100.0-
	MINOR COMPUTER EQUIP. 5800						
	OTHER REPAIR/MAINT. SP 5990						
50648	DISASTER REPAIR SUPPLI 5995	55000		50648	4352	33.3 92.0	96,944 176.2
50648	REPAIR & MAINTENANCE	56000		50648	5352	33.3 90.4	95,944 171.3
51389	SUPPLIES AND EXPENSES	62839		51940	10899	33.3 82.6	92,981 147.9
	PROFESSIONAL SERVICES						
	CONSULTANT SERV-BROWNS 6020						

	DATA PROCESSING	6035	37250		37250	33.3		37,250-	100.0-
	MICROFILM PROCESSING	6037							
	OTHER PROFESSIONAL SER	6049	15000		15000	33.3		15,000-	100.0-
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	PROFESSIONAL SERVICE		52250		52250	33.3		52,250-	100.0-
	COMMUNICATIONS								
121-	TELEPHONE AND TELEGRAP	6060	1000	249	751	33.3	24.9	252-	25.2-
	POSTAGE	6070							
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121-	COMMUNICATIONS		1000	249	751	33.3	24.9	252-	25.2-
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	3500		3500	33.3		3,500-	100.0-
	TRVL EXP-BROWNSFIELD P	6116							
	FREIGHT	6120							
	MESSENGER/EXPRESS SERV	6130							
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	TRANSPORTATION		3500		3500	33.3		3,500-	100.0-
	ADVERTISING								
	ADVERTISING	6150	1300		1300	33.3		1,300-	100.0-
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	ADVERTISING		1300		1300	33.3		1,300-	100.0-
	PRINTING AND BINDING								
	PRINTING	6200							
	BINDING	6205							
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	PRINTING AND BINDING								
	INSURANCE								
	SURETY AND FORGERY BON	6270							
-----			-----	-----	-----	-----	-----	-----	-----
	INSURANCE								
	REPR/MAINT-OUTSIDE LABO								
17877	BUILDING R&M	6350							
	DISASTER REPAIRS	6351	270000	51,945	37828	180227	33.3 14.0	156,516-	57.9-
	OFFICE EQUIPMENT R&M	6365							
	MOTOR VEHICLE EQ. R&M	6384	700		700	33.3		700-	100.0-
	OTHER REPAIRS AND MAIN	6399							
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17877	REPR/MAINT-OUTSIDE L		270700	51,945	37828	180927	33.3 13.9	157,216-	58.0-
	RENTALS								
	OFFICE EQUIPMENT RENT	6410							
	OTHER RENT	6449							
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	RENTALS								
	OTHER SERVICES & CHARGE								
275	EXHIBITIONS & PROMOTIO	6500							
	DISABILITY AWARENESS	6500 03	750	275	475	33.3 36.6		75	10.0
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275	EXHIBITIONS & PROMO		750	275	475	33.3 36.6		75	10.0
	DUES AND MEMBERSHIPS	6840	450	415	35	33.3 92.2		795	176.6
	REGISTRATION FEE/TUITI	6845	550		550	33.3		550-	100.0-
	SERVICES NOT SPECIFIED	6999							
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275	OTHER SERVICES & CHA		1750	690	1060	33.3 39.4		320	18.2
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18031	OTHER SERVICES & CHAR		330500	51,945	38766	239788	33.3 11.7	214,202-	64.8-
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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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77524	EXPENDITURES	490632	51,945	123164	315523	33.3	25.1	121,140-	24.6-

001100 - GENERAL FUND-POLICE/PUB.SFTY

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	SALARIES						
481814	REGULAR WAGES 4000	6999592		1839287	5160306	33.3 26.2	1,481,730- 21.1-
	DISASTER RECOVERY WAGE 4010			4	4-		12
46433	OVERTIME 4300	770000		226721	543279	33.3 29.4	89,836- 11.6-
	DISASTER RECOVERY OVER 4310						
528247	SALARIES	7769592		2066012	5703580	33.3 26.5	1,571,556- 20.2-
	EMPLOYEE BENEFITS						
84054	STATE RETIREMENT 4600	1223715		330050	893665	33.3 26.9	233,565- 19.0-
39712	F.I.C.A. TAXES 4700	594375		156863	437512	33.3 26.3	123,785- 20.8-
77455	HOSPITALIZATION INS. 4800	1349400		314410	1034990	33.3 23.2	406,170- 30.1-
	UNEMPLOYMENT BENEFITS 4900	5000		1621	3379	33.3 32.4	136- 2.7-
	WORKMAN'S COMPENSATION 4910	182000			182000	33.3	182,000- 100.0-
201221	EMPLOYEE BENEFITS	3354490		802944	2551546	33.3 23.9	945,658- 28.1-
729468	PERSONAL SERVICES	11124082		2868956	8255126	33.3 25.7	2,517,214- 22.6-
	OFFICE SUPPLIES						
315	PAPER 5003	4000		600	3400	33.3 15.0	2,200- 55.0-
	PRINTED FORMS 5005						
1755	OTHER EXPENDABLE OFF.S 5010	7020	182	3780	3058	33.3 53.8	4,320 61.5
	EXPENDABLE OFF.SPL-LIF 5012	2000	151	207	1642	33.3 10.3	1,378- 68.9-
1048	MINOR OFFICE EQUIP/FUR 5020	6700	269	1304	5127	33.3 19.4	2,788- 41.6-
	MICROFILM SUPPLIES 5030						
	PHOTO SUPPLIES 5040	200			200	33.3	200- 100.0-
	SUBSCRIPTIONS,MAGS,MAP 5050	5300		60	5240	33.3 1.1	5,120- 96.6-
	BOOKS 5070	800	149	120	531	33.3 15.0	440- 55.0-
	COMPUTER SUPPLIES 5080	8000			8000	33.3	8,000- 100.0-
	COMPUTR SUP-LLEBG '01 5081						
	COMPUTR SUP-COPS MORE' 5082						
3118	OFFICE SUPPLIES	34020	751	6071	27198	33.3 17.8	15,806- 46.4-
	OPERATING SUPPLIES						
3889	CLEANING/JANITORIAL SP 5100	9500	876	6215	2409	33.3 65.4	9,145 96.2
	HOUSEHOLD SUPPLIES 5110						
190	FOOD 5115	2500		382	2118	33.3 15.2	1,354- 54.1-
	MEDICAL SUPPLIES 5120						
	CHEMICALS 5130						
	FEED FOR ANIMALS 5150	4500		1028	3472	33.3 22.8	1,416- 31.4-
21712	GAS AND OIL 5250	240000		86428	153572	33.3 36.0	19,284 8.0
	LUBRICANTS 5255						
53	DIESEL FUEL 5257	4000		938	3062	33.3 23.4	1,186- 29.6-
	OTHER FUEL 5260						
7552	UNIFORMS, BADGES, ETC. 5350	62000	1,932	16678	43390	33.3 26.9	11,966- 19.3-
7442	WEARING APPAREL 5355	75000	18,337	22204	34459	33.3 29.6	8,388- 11.1-
	ASPHALT & ASPHALT PROD 5400						
	CONCRETE, CEMENT, ETC. 5405						
	HORT./LANDSCAPING SPLY 5440	500		179	322	33.3 35.8	37 7.4
	HAND TOOLS 5450						
2475	MINOR EQUIPMENT 5460	59000	1,410	18083	39507	33.3 30.6	4,750- 8.0-

	MINOR EQUIP-BYRNE '15	5461							
	MINOR EQUIP-BYRNE '16	5463	11822		11822		33.3	100.0	23,644 200.0
	MINOR EQ-LLEBG/BYRNE'0	5464							
299	OTHER OPERATING MATL/S	5590	65000	5,978	4873	54149	33.3	7.4	50,380- 77.5-
	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	33.3	32.3	30- 3.0-
	OTHER OPER-LAW ENF.LIA	5596							
43612	OPERATING SUPPLIES		534822	28,533	169152	337137	33.3	31.6	27,366- 5.1-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S	5600	997			997	33.3		997- 100.0-
66	ELECTRICAL SUPPLIES	5605	2000	178	66	1755	33.3	3.3	1,802- 90.1-
	PLUMBING SUPPLIES	5610							
	PAINT AND PAINTING SPL	5650							
14187	MTR VEHICLE REP. PTS/S	5700	125000	2,666	50392	71942	33.3	40.3	26,176 20.9
	COMMUNICATION REPAIR P	5750	3470			3470	33.3		3,470- 100.0-
	AGRICLTR REPAIR PTS/S	5755							
	EXPENDABLE WELDING SPL	5770							
	MINOR COMPUTER EQUIP.	5800							
	OTHER REPAIR/MAINT. SP	5990	13000		100-	13100	33.3	.7	12,700- 97.6-
	REPR SPLY-8/29/05 STOR	5995							
14253	REPAIR & MAINTENANCE		144467	2,844	50358	91265	33.3	34.8	6,607 4.5
60983	SUPPLIES AND EXPENSES		713309	32,128	225580	455600	33.3	31.6	36,569- 5.1-
	PROFESSIONAL SERVICES								
	LEGAL	6025							
	MEDICAL	6027	10000		2200	7800	33.3	22.0	3,400- 34.0-
196	VETERINARIAN	6030	3500		1273	2227	33.3	36.3	319 9.1
	ENTERTAINMENT	6033							
	DATA PROCESSING	6035							
	MICROFILM PROCESSING	6037							
	METRO CRIME STOPPERS	6039							
	OTHER PROF.-ALCOHOL CN	6047							
	OTHER PROF.-VICTIM'S A	6048							
5967	OTHER PROFESSIONAL SER	6049	50600	1,320	17113	32167	33.3	33.8	739 1.4
	POL.LATERAL TRNG FEE	6049 26							
6163	PROFESSIONAL SERVICE		64100	1,320	20586	42194	33.3	32.1	2,342- 3.6-
	COMMUNICATIONS								
5129	TELEPHONE AND TELEGRAP	6060	60000		26995	33005	33.3	44.9	20,985 34.9
	TELEPHONE-GRANT	6060 GRANT							
	TELEPHONE RENT	6065	6000		3540	2460	33.3	59.0	4,620 77.0
	NETWORK WIRELESS	6069	6000			6000	33.3		6,000- 100.0-
	POSTAGE	6070	150			150	33.3		150- 100.0-
	OTHER COMMUNICATION EX	6099							
5129	COMMUNICATIONS		72150		30535	41615	33.3	42.3	19,455 26.9
	TRANSPORTATION								
2915	TRAVEL EXPENSE	6110	14000	230	8605	5165	33.3	61.4	11,815 84.3
	TRVL EXP-TRAFFIC GRANT	6111							
	TRVL EXP-VICTIM'S ADV	6112	2047			2047	33.3		2,047- 100.0-
	TRVL EXP-TERRORISM PRE	6113							
	TRAVEL EXP-PROJ SAFE N	6114							
	TRVL/TRNG-COP'S METH G	6116							
	TRVL EXP-LAW ENF LIAIS	6118							

226	TRVL EXP-ALCOHOL GRANT 6119								
25	FREIGHT 6120	4000	34	462	3504	33.3	11.5	2,614-	65.3-
	MESSENGER/EXPRESS SERV 6130			108	108-			324	
3166	TRANSPORTATION	20047	264	9174	10609	33.3	45.7	7,475	37.2
	ADVERTISING								
	ADVERTISING 6150	13000		1708	11292	33.3	13.1	7,876-	60.5-
	ADVERTISING	13000		1708	11292	33.3	13.1	7,876-	60.5-
	PRINTING AND BINDING								
	PRINTING 6200	1000			1000	33.3		1,000-	100.0-
	BINDING 6205								
	FILM PROCESSING 6240								
	PRINTING AND BINDING	1000			1000	33.3		1,000-	100.0-
	INSURANCE								
	FIRE & EXTENDED COVERA 6250								
	PUBLIC LIAB/PROPERTY D 6255								
	BOILER MACHINERY 6260								
	AUTOMOBILE INSURANCE 6265	18900			18900	33.3		18,900-	100.0-
	SURETY AND FORGERY BON 6270	700		600	100	33.3	85.7	1,100	157.1
	OTHER INSURANCE 6299								
	INSURANCE	19600		600	19000	33.3	3.0	17,800-	90.8-
	UTILITIES								
1479	GAS 6300	6000		2500	3500	33.3	41.6	1,500	25.0
10145	ELECTRICITY 6305	80500		39088	41412	33.3	48.5	36,764	45.6
11624	UTILITIES	86500		41588	44912	33.3	48.0	38,264	44.2
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	8/29/05 STORM REPAIRS 6353								
	ELECTRICAL R&M 6355								
	PLUMBING EQUIPMENT R&M 6357								
25868	OFFICE EQUIPMENT R&M 6365	38500		38001	499	33.3	98.7	75,503	196.1
	OFF.EQ.R&M-COPS MORE 6366								
	HOUSEHOLD EQUIPMENT R& 6370								
	FIXED EQUIPMENT R&M 6380	10000	122		9878	33.3		10,000-	100.0-
	MINOR EQUIPMENT R&M 6382								
7919	MOTOR VEHICLE EQ. R&M 6384	76700	4,130	29741	42829	33.3	38.7	12,523	16.3
	AGRICULTURAL EQ. R&M 6387								
	COMMUNICATION EQ. R&M 6390								
	CLEANING AND PAINTING 6392								
213	DISINFECT./EXTERMINATI 6394	5000		426	4574	33.3	8.5	3,722-	74.4-
	SIGN PAINTING 6396								
780	TOW IN CHARGES 6398	5000		3291	1709	33.3	65.8	4,873	97.4
	OTHER REPAIRS AND MAIN 6399								
34780	REPR/MAINT-OUTSIDE L	135200	4,252	71459	59490	33.3	52.8	79,177	58.5
	RENTALS								
1704	OFFICE EQUIPMENT RENT 6410	8500		4308	4192	33.3	50.6	4,424	52.0
	MOTORCYCLE RENT 6417	49700			49700	33.3		49,700-	100.0-
	CYLINDER RENT 6425								
	UNIFORM RENT 6430								
	MOP-MAT-RAG RENT 6435								
	OTHER RENT 6449								
1704	RENTALS	58200		4308	53892	33.3	7.4	45,276-	77.7-
	OTHER SERVICES & CHARGE								

	EXHIBITIONS & PROMOTIO	6500								
	SETTLEMT OF DAMAGE CLA	6700								
	COURT COSTS	6710								
	JAIL EXPENSE	6815								
	EVIDENCE BUY MONEY	6817								
	THEFT LOSS	6818								
	CASH OVERAGE/SHORTAGE	6819								
	BANK SERV/TRF FEE	6832								
	REFUNDS	6835								
	POLICE FINE REFUNDS	6835 PF								
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	REFUNDS									
650	NSF CHECKS	6836	2000			2000	33.3		2,000-	100.0-
425	DUES AND MEMBERSHIPS	6840	4000	510	950	2540	33.3	23.7	1,150-	28.7-
	REGISTRATION FEE/TUITI	6845	12000		3895	8105	33.3	32.4	314-	2.6-
	LAUNDRY	6850								
	SERVICES NOT SPECIFIED	6999								
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1075	OTHER SERVICES & CHA		18000	510	4845	12645	33.3	26.9	3,464-	19.2-
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63641	OTHER SERVICES & CHAR		487797	6,346	184803	296649	33.3	37.8	66,612	13.6
	BUILDING/BLD IMPROVEMEN									
	BUILDINGS	7100								
	POLICE SERV CTR BLDG	7100 22								
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	BUILDINGS									
	BUILDING IMPROVEMENTS	7150								
	POLICE COMPLEX	7150 07								
	DEPOT SUBSTATION	7150 37								
	MOBILE ST SUBSTATION	7150 39								
	PALMERS CROSSING SUBS	7150 40								
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	BUILDING IMPROVEMEN									
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	BUILDING/BLD IMPROVE									
	IMPROVEMENT OTHER THAN									
	PARKING LOT/DRIVEWAY	7227								
	LANDSCAPING	7250								
	OTHER IMPROVEMENTS	7295								
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	IMPROVEMENT OTHER TH									
	MACHINERY AND EQUIPMENT									
	8/29/05 STORM EQUIP	7302								
	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			680	680-			2,040	
	COPS TECH GRANT EQUIP	7326								
	DATA PROCESSING EQUIP.	7327	5000		6087	1087-	33.3	121.7	13,261	265.2
	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	33.3 65.2	29,714	95.8
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	MACHINERY AND EQUIPM		36000	4,460	27005	4535	33.3 75.0	45,015	125.0
	VEHICLES								
300197	AUTOMOBILES	7400	1150000	24,153	355137	770710	33.3 30.8	84,588-	7.3-
	AUTOMOBILES-METH GRANT	7401							
	AUTOMOBILES-BYRNE GRAN	7402							
	MOTORCYCLES	7405							
	PICK UP TRUCKS	7420							
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300197	VEHICLES		1150000	24,153	355137	770710	33.3 30.8	84,588-	7.3-
	OTHER								
	ZOOLOGICAL ANIMALS	7505							
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	OTHER								
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300197	CAPITAL OUTLAY		1186000	28,613	382142	775245	33.3 32.2	39,574-	3.3-
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1154289	EXPENDITURES		13511188	67,087	3661481	9782620	33.3 27.0	2,526,744-	18.7-

001131 - GENERAL FUND-JOINT P&F TRNG.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
1776	REGULAR WAGES 4000	23080		7104	15976	33.3	30.7	1,768-	7.6-
	DISASTER RECOVERY WAGE 4010								
15	OVERTIME 4300	1000		31	969	33.3	3.1	906-	90.6-
	DISASTER RECOVERY OVER 4310								
1791	SALARIES	24080		7135	16945	33.3	29.6	2,674-	11.1-
	EMPLOYEE BENEFITS								
282	STATE RETIREMENT 4600	3800		1124	2676	33.3	29.5	428-	11.2-
115	F.I.C.A. TAXES 4700	1850		457	1393	33.3	24.7	478-	25.8-
580	HOSPITALIZATION INS. 4800	7800		2320	5480	33.3	29.7	840-	10.7-
	UNEMPLOYMENT BENEFITS 4900								
	WORKMAN'S COMPENSATION 4910	85			85	33.3		85-	100.0-
977	EMPLOYEE BENEFITS	13535		3901	9634	33.3	28.8	1,831-	13.5-
2768	PERSONAL SERVICES	37615		11035	26580	33.3	29.3	4,509-	11.9-
	OFFICE SUPPLIES								
398	PAPER 5003	750		559	191	33.3	74.5	927	123.6
	PRINTED FORMS 5005	100			100	33.3		100-	100.0-
645	OTHER EXPENDABLE OFF.S 5010	3950		978	2972	33.3	24.7	1,016-	25.7-
	SPLY-RRT COORDINATOR 5013								
250	MINOR OFFICE EQUIP/FUR 5020	1100		1093	7	33.3	99.3	2,179	198.0
	CASSETTES, TAPES 5035								
	PHOTO SUPPLIES 5040	875			875	33.3		875-	100.0-
49	SUBSCRIPTIONS,MAGS,MAP 5050	300		49	251	33.3	16.3	152-	50.6-
	BOOKS-POLICE 5070	2000		125	1875	33.3	6.2	1,624-	81.2-
	BOOKS-FIRE 5071	2000			2000	33.3		2,000-	100.0-
	COMPUTER SUPPLIES 5080	3000		1289	1711	33.3	42.9	867	28.9
1342	OFFICE SUPPLIES	14075		4092	9983	33.3	29.0	1,799-	12.7-
	OPERATING SUPPLIES								
524	CLEANING/JANITORIAL SP 5100	3000		849	2151	33.3	28.3	452-	15.0-
	HOUSEHOLD SUPPLIES 5110	750			750	33.3		750-	100.0-
	FOOD 5115	2200		98	2102	33.3	4.4	1,906-	86.6-
	MEDICAL SUPPLIES 5120	600			600	33.3		600-	100.0-
	GAS AND OIL 5250	200			200	33.3		200-	100.0-
36	WEARING APPAREL-POLICE 5355	2500	126	1478	896	33.3	59.1	1,934	77.3
60	WEARING APPAREL-FIRE 5356	2500	400	180	1920	33.3	7.2	1,960-	78.4-
	ASPHALT & ASPHALT PROD 5400								
	CONCRETE, CEMENT, ETC. 5405	2000			2000	33.3		2,000-	100.0-
	BRICK,STONE,MORTAR,ETC 5410								
	SAND,CLAY,GRVL,FILL DI 5415	30000			30000	33.3		30,000-	100.0-
	HORT./LANDSCAPING SPLY 5440	500			500	33.3		500-	100.0-
	HAND TOOLS 5450	1500			1500	33.3		1,500-	100.0-
133	MINOR EQUIPMENT-POLICE 5460	11007		2120	8887	33.3	19.2	4,647-	42.2-
100	MINOR EQUIPMENT-FIRE 5462	10000	1,245	276	8479	33.3	2.7	9,172-	91.7-
	MINOR EQUIP-REGIONAL R 5463	7500		1901	5599	33.3	25.3	1,796-	23.9-
	SWIFT WATER RESCUE SUP 5465	7500			7500	33.3		7,500-	100.0-
700	HAZ.MAT SUPPLIES 5466	10000		700	9300	33.3	7.0	7,900-	79.0-

	P&F CLASSES-(FEE) SUPP	5469								
3806	OTHER OPER.MATL-POLICE	5590	18500		18363	137	33.3	99.2	36,589	197.7
	OTHER OPER.MATL-FIRE	5591	12500		257	12243	33.3	2.0	11,728	93.8
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5359	OPERATING SUPPLIES		122757	1,771	26221	94765	33.3	21.3	44,093	35.9
	REPAIR & MAINTENANCE SP									
305	BUILDING MATERIALS & S	5600	6000		721	5279	33.3	12.0	3,836	63.9
	ELECTRICAL SUPPLIES	5605	1450			1450	33.3		1,450	100.0
	PLUMBING SUPPLIES	5610	1000			1000	33.3		1,000	100.0
	PAINT AND PAINTING SPL	5650	750		60	690	33.3	8.0	570	76.0
	MTR VEHICLE REP. PTS/S	5700	1200			1200	33.3		1,200	100.0
	OTHER REPAIR/MAINT. SP	5990	2500	346	60	2094	33.3	2.4	2,320	92.8
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305	REPAIR & MAINTENANCE		12900	346	841	11713	33.3	6.5	10,376	80.4
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7006	SUPPLIES AND EXPENSES		149732	2,117	31154	116461	33.3	20.8	56,270	37.5
	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			100	33.3		100	100.0
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	COMMUNICATIONS		100			100	33.3		100	100.0
	TRANSPORTATION									
	TRVL EXP-POLICE	6110	7800		582	7218	33.3	7.4	6,054	77.6
216	TRVL EXP-FIRE	6111	9000		815	8185	33.3	9.0	6,554	72.8
	TRVL EXP-RRT COORDINAT	6112								
	TRVL EXP-RESPONSE TEAM	6116								
50	FREIGHT	6120	750	260	440	50	33.3	58.6	570	76.0
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266	TRANSPORTATION		17550	260	1838	15453	33.3	10.4	12,036	68.5
	ADVERTISING									
1658	ADVERTISING	6150	5000	2,100	2666	235	33.3	53.3	2,998	59.9
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1658	ADVERTISING		5000	2,100	2666	235	33.3	53.3	2,998	59.9
	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								
571	GAS	6300	3000		968	2032	33.3	32.2	96-
810	ELECTRICITY	6305	18000		4324	13676	33.3	24.0	5,028-
	WATER	6315							3.2-

1382	UTILITIES		21000		5292	15708	33.3	25.2	5,124-
	REPR/MAINT-OUTSIDE LABO								24.4-
	BUILDING R&M	6350	24900			24900	33.3		24,900-
	DISASTER REPAIRS	6351	45			45	33.3		100.0-
	OFFICE EQUIPMENT R&M	6365							45-
	MINOR EQUIPMENT R&M	6382	150			150	33.3		100.0-
	MOTOR VEHICLE EQ. R&M	6384	500			500	33.3		100.0-
	CLEANING AND PAINTING	6392	400			400	33.3		100.0-
148	DISINFECT./EXTERMINATI	6394	1300		296	1004	33.3	22.7	412-
	OTHER REPAIRS AND MAIN	6399	1500		795	705	33.3	53.0	31.6-

148	REPR/MAINT-OUTSIDE L		28795		1091	27704	33.3	3.7	25,521-
	RENTALS								88.6-
236	OTHER RENT	6449	4000		1179	2821	33.3	29.4	462-

236	RENTALS		4000		1179	2821	33.3	29.4	462-
	OTHER SERVICES & CHARGE								11.5-
	PETTY CASH LOSS/STORM	6818							
	DUES AND MEMBERSHIPS	6840	250	50		200	33.3		250-
	REGISTRATN FEE-POLICE	6845	14000		4265	9735	33.3	30.4	100.0-
440	REGISTRATN FEE-FIRE	6846	15000		3080	11920	33.3	20.5	1,204-
	SERVICES NOT SPECIFIED	6999							8.6-

440	OTHER SERVICES & CHA		29250	50	7345	21855	33.3	25.1	5,760-

4129	OTHER SERVICES & CHAR		105695	2,410	19410	83875	33.3	18.3	7,214-

	BUILDING/BLD IMPROVEMEN								44.9-
	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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13903	EXPENDITURES	293042	4,527	61600	226915	33.3	21.0	108,242-	36.9-

001160 - GENERAL FUND-FIRE DIVISION

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	SALARIES						
341240	REGULAR WAGES 4000	5053708		1339964	3713744	33.3 26.5	1,033,816- 20.4-
	DISASTER RECOVERY WAGE 4010						
49168	OVERTIME 4300	450000		203084	246916	33.3 45.1	159,252 35.3
	DISASTER RECOVERY OVER 4310						
390408	SALARIES	5503708		1543048	3960660	33.3 28.0	874,564- 15.8-
	EMPLOYEE BENEFITS						
60823	STATE RETIREMENT 4600	866840		240359	626481	33.3 27.7	145,762- 16.8-
27980	F.I.C.A. TAXES 4700	421040		110627	310413	33.3 26.2	89,158- 21.1-
66118	HOSPITALIZATION INS. 4800	1014000		258390	755610	33.3 25.4	238,830- 23.5-
	UNEMPLOYMENT BENEFITS 4900	3000			3000	33.3	3,000- 100.0-
	WORKMAN'S COMPENSATION 4910	240000			240000	33.3	240,000- 100.0-
154921	EMPLOYEE BENEFITS	2544880		609377	1935503	33.3 23.9	716,748- 28.1-
545329	PERSONAL SERVICES	8048588		2152424	5896164	33.3 26.7	1,591,316- 19.7-
	OFFICE SUPPLIES						
	PAPER 5003	500		140	360	33.3 28.0	80- 16.0-
	PRINTED FORMS 5005	400			400	33.3	400- 100.0-
317	OTHER EXPENDABLE OFF.S 5010	6000	2	1190	4808	33.3 19.8	2,430- 40.5-
	MINOR OFFICE EQUIP/FUR 5020	2264	129	1055	1081	33.3 46.5	901 39.7
	CASSETTES, TAPES 5035						
	PHOTO SUPPLIES 5040						
	SUBSCRIPTIONS, MAGS, MAP 5050						
339	BOOKS 5070	1100		1063	37	33.3 96.6	2,089 189.9
44	COMPUTER SUPPLIES 5080	900		109	791	33.3 12.1	572- 63.5-
700	OFFICE SUPPLIES	11164	131	3557	7476	33.3 31.8	492- 4.4-
	OPERATING SUPPLIES						
54	CLEANING/JANITORIAL SP 5100	10600	567	2921	7112	33.3 27.5	1,836- 17.3-
1037	HOUSEHOLD SUPPLIES 5110	2500		1037	1463	33.3 41.4	611 24.4
	FOOD 5115	400			400	33.3	400- 100.0-
970	MEDICAL SUPPLIES 5120	2900		2257	643	33.3 77.8	3,871 133.4
	LABORATORY SUPPLIES 5125						
	CHEMICALS 5130						
1023	GAS AND OIL 5250	22000		6698	15302	33.3 30.4	1,906- 8.6-
	LUBRICANTS 5255	2900		480	2420	33.3 16.5	1,460- 50.3-
3405	DIESEL FUEL 5257	58000		15919	42081	33.3 27.4	10,242- 17.6-
	OTHER FUEL 5260	900		160	740	33.3 17.7	420- 46.6-
41479	UNIFORMS, BADGES, ETC. 5350	86000	1,615	83147	1238	33.3 96.6	163,441 190.0
40	WEARING APPAREL 5355	1000	570	40	390	33.3 4.0	880- 88.0-
	ASPHALT & ASPHALT PROD 5400						
	CONCRETE, CEMENT, ETC. 5405	13500		11051	2450	33.3 81.8	19,653 145.5
	HORT./LANDSCAPING SPLY 5440						
119	HAND TOOLS 5450	2000	155	679	1167	33.3 33.9	37 1.8
112	MINOR EQUIPMENT 5460	4723		2280	2443	33.3 48.2	2,117 44.8
880	MINOR FIRE FIGHTING EQ 5462	3400		2096	1304	33.3 61.6	2,888 84.9
	SWIFT WATER RESCUE SUP 5465	800			800	33.3	800- 100.0-
	FIRE HOSE 5470						

	RECREATIONAL SUPPLIES	5510							
	SFTY/FIRE P/MATL CONTR	5535	4000		2999	1001	33.3	74.9	4,997 124.9
	OTHER OPERATING MATL/S	5590	800		577	223	33.3	72.1	931 116.3
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49118	OPERATING SUPPLIES		216423	2,907	132338	81178	33.3	61.1	180,591 83.4
	REPAIR & MAINTENANCE SP								
2681	BUILDING MATERIALS & S	5600	7000		4835	2165	33.3	69.0	7,505 107.2
1071	ELECTRICAL SUPPLIES	5605	2250		1071	1179	33.3	47.6	963 42.8
447	PLUMBING SUPPLIES	5610	2150		1313	837	33.3	61.0	1,789 83.2
	PAINT AND PAINTING SPL	5650	2600		1853	747	33.3	71.2	2,959 113.8
14425	MTR VEHICLE REP. PTS/S	5700	49274	2,263	34837	12174	33.3	70.7	55,237 112.1
	COMMUNICATION REPAIR P	5750	1000		222	778	33.3	22.2	334- 33.4-
	AGRICLTRL REPAIR PTS/S	5755							
858	SCBA REPAIR PTS/SPL	5756	16300		994	15306	33.3	6.0	13,318- 81.7-
	MINOR COMPUTER EQUIP.	5800							
	OTHER REPAIR/MAINT. SP	5990	500		151	349	33.3	30.2	46- 9.2-
	REPR SPLY-8/29/05 STOR	5995	6252			6252	33.3		6,252- 100.0-
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19482	REPAIR & MAINTENANCE		87326	2,263	45276	39787	33.3	51.8	48,502 55.5
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69300	SUPPLIES AND EXPENSES		314913	5,301	181170	128441	33.3	57.5	228,597 72.5
	PROFESSIONAL SERVICES								
	APPRAISAL	6017							
83	MEDICAL	6027	23250		8499	14751	33.3	36.5	2,247 9.6
	ENTERTAINMENT	6033							
	OTHER PROFESSIONAL SER	6049	14900		1950	12950	33.3	13.0	9,050- 60.7-
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83	PROFESSIONAL SERVICE		38150		10449	27701	33.3	27.3	6,802- 17.8-
	COMMUNICATIONS								
818	TELEPHONE AND TELEGRAP	6060	13600		3486	10114	33.3	25.6	3,142- 23.1-
	NETWORK	6068							
	NETWORK WIRELESS-GRANT	6069							
	POSTAGE	6070							
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818	COMMUNICATIONS		13600		3486	10114	33.3	25.6	3,142- 23.1-
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	5000		592	4408	33.3	11.8	3,224- 64.4-
1042	FREIGHT	6120	3800	528	2068	1204	33.3	54.4	2,404 63.2
	MESSENGER/EXPRESS SERV	6130							
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1042	TRANSPORTATION		8800	528	2660	5612	33.3	30.2	820- 9.3-
	ADVERTISING								
50-	ADVERTISING	6150	8800		6243	2557	33.3	70.9	9,929 112.8
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50-	ADVERTISING		8800		6243	2557	33.3	70.9	9,929 112.8
	PRINTING AND BINDING								
	PRINTING	6200	2320		1408	912	33.3	60.6	1,904 82.0
	FILM PROCESSING	6240							
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	PRINTING AND BINDING		2320		1408	912	33.3	60.6	1,904 82.0
	INSURANCE								
	PUBLIC LIAB/PROPERTY D	6255							
	BOILER MACHINERY	6260							
	AUTOMOBILE INSURANCE	6265							
	SURETY AND FORGERY BON	6270	125			125	33.3		125- 100.0-
	OTHER INSURANCE	6299							
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	INSURANCE		125			125	33.3		125- 100.0-

UTILITIES										
3274	GAS	6300	15000		5339	9661	33.3	35.5	1,017	6.7
4959	ELECTRICITY	6305	62000		20361	41639	33.3	32.8	916-	1.4-
28	WATER	6315	354		112	242	33.3	31.6	18-	5.0-
8260	UTILITIES		77354		25811	51543	33.3	33.3	79	.1
REPR/MAINT-OUTSIDE LABO										
1858	BUILDING R&M	6350	32238	2,653	24513	5072	33.3	76.0	41,301	128.1
	DISASTER REPAIRS	6351	6646			6646	33.3		6,646-	100.0-
	8/29/05 STORM REPAIRS	6353	677			677	33.3		677-	100.0-
	ELECTRICAL R&M	6355	200			200	33.3		200-	100.0-
	PLUMBING EQUIPMENT R&M	6357	1600		300	1300	33.3	18.7	700-	43.7-
	STREETS & STRUCTURES R	6360								
194	OFFICE EQUIPMENT R&M	6365	3270		838	2432	33.3	25.6	756-	23.1-
	HOUSEHOLD EQUIPMENT R&	6370	4000	1,170	1200	1630	33.3	30.0	400-	10.0-
	FIXED EQUIPMENT R&M	6380	6025	600		5425	33.3		6,025-	100.0-
48	MINOR EQUIPMENT R&M	6382	3000		75	2925	33.3	2.5	2,774-	92.4-
238	MOTOR VEHICLE EQ. R&M	6384	63768	1,617	4813	57338	33.3	7.5	49,328-	77.3-
	AGRICULTURAL EQ. R&M	6387	500			500	33.3		500-	100.0-
4140	SCBA EQUIP. R&M	6389	13350		4740	8610	33.3	35.5	870	6.5
	COMMUNICATION EQ. R&M	6390	4000		543	3457	33.3	13.5	2,370-	59.2-
386	DISINFECT./EXTERMINATI	6394	2000		772	1228	33.3	38.6	316	15.8
	SIGN PAINTING	6396								
300	TOW IN CHARGES	6398	1600		825	775	33.3	51.5	875	54.6
	OTHER REPAIRS AND MAIN	6399	4350	3,214		1136	33.3		4,350-	100.0-
7163	REPR/MAINT-OUTSIDE L		147224	9,254	38618	99352	33.3	26.2	31,370-	21.3-
RENTALS										
	OFFICE EQUIPMENT RENT	6410								
	MACHINERY RENT	6420	100			100	33.3		100-	100.0-
294	CYLINDER RENT	6425	4000		1097	2903	33.3	27.4	708-	17.7-
	UNIFORM RENT	6430								
	MOP-MAT-RAG RENT	6435								
	OTHER RENT	6449	1600			1600	33.3		1,600-	100.0-
294	RENTALS		5700		1097	4603	33.3	19.2	2,408-	42.2-
OTHER SERVICES & CHARGE										
	DUES AND MEMBERSHIPS	6840	1300		489	811	33.3	37.6	167	12.8
	REGISTRATION FEE/TUITI	6845	1300			1300	33.3		1,300-	100.0-
	LAUNDRY	6850	100			100	33.3		100-	100.0-
	SERVICES NOT SPECIFIED	6999	750		75	675	33.3	10.0	524-	69.8-
	OTHER SERVICES & CHA		3450		564	2886	33.3	16.3	1,758-	50.9-
17610	OTHER SERVICES & CHAR		305523	9,782	90336	205406	33.3	29.5	34,515-	11.2-
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	33.3	99.8	26,558 199.6
	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	33.3	99.8	26,558 199.6
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	HEAVY TRUCKS	7430							
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	VEHICLES								
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	CAPITAL OUTLAY		13300		13286	14	33.3	99.8	26,558 199.6
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632239	EXPENDITURES		8682324	15,083	2437216	6230025	33.3	28.0	1,370,676- 15.7-

001180 - GENERAL FUND-LAND DEVEL.ADM.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
24887	SALARIES						
	REGULAR WAGES 4000	417924		95113	322811	33.3 22.7	132,584- 31.7-
	DISASTER RECOVERY WAGE 4010						
	OVERTIME 4300	1000		58	942	33.3 5.8	826- 82.6-
	DISASTER RECOVERY OVER 4310						
24887	SALARIES	418924		95171	323753	33.3 22.7	133,410- 31.8-
	EMPLOYEE BENEFITS						
3920	STATE RETIREMENT 4600	65995		14989	51006	33.3 22.7	21,027- 31.8-
1840	F.I.C.A. TAXES 4700	32058		7030	25028	33.3 21.9	10,968- 34.2-
6380	HOSPITALIZATION INS. 4800	109200		24940	84260	33.3 22.8	34,380- 31.4-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	33.3	1,000- 100.0-
	WORKMAN'S COMPENSATION 4910	15500			15500	33.3	15,500- 100.0-
12140	EMPLOYEE BENEFITS	223753		46959	176794	33.3 20.9	82,875- 37.0-
37026	PERSONAL SERVICES	642677		142130	500547	33.3 22.1	216,287- 33.6-
	OFFICE SUPPLIES						
53	PAPER 5003	1800		53	1747	33.3 2.9	1,640- 91.1-
	PRINTED FORMS 5005	500			500	33.3	500- 100.0-
	OTHER EXPENDABLE OFF.S 5010	4500		408	4092	33.3 9.0	3,276- 72.8-
	MINOR OFFICE EQUIP/FUR 5020	7000		130	6870	33.3 1.8	6,610- 94.4-
	PHOTO SUPPLIES 5040						
	SUBSCRIPTIONS,MAGS,MAP 5050	400			400	33.3	400- 100.0-
	BOOKS 5070	200		278	78-	33.3 139.0	634 317.0
43	COMPUTER SUPPLIES 5080			43	43-		129
95	OFFICE SUPPLIES	14400		912	13488	33.3 6.3	11,664- 81.0-
	OPERATING SUPPLIES						
	FOOD 5115						
473	GAS AND OIL 5250	8000		2399	5601	33.3 29.9	802- 10.0-
	LUBRICANTS 5255						
447	WEARING APPAREL 5355	1200		447	753	33.3 37.2	141 11.7
	MINOR EQUIPMENT 5460			749	749-		2,247
	OTHER OPERATING MATL/S 5590						
920	OPERATING SUPPLIES	9200		3595	5605	33.3 39.0	1,585 17.2
	REPAIR & MAINTENANCE SP						
	BUILDING MATERIALS & S 5600						
	PAINT AND PAINTING SPL 5650	1000			1000	33.3	1,000- 100.0-
553	MTR VEHICLE REP. PTS/S 5700	3500	397	1989	1114	33.3 56.8	2,467 70.4
	COMMUNICATION REPAIR P 5750						
553	REPAIR & MAINTENANCE	4500	397	1989	2114	33.3 44.2	1,467 32.6
1569	SUPPLIES AND EXPENSES	28100	397	6496	21207	33.3 23.1	8,612- 30.6-
	PROFESSIONAL SERVICES						
	DEMOLITION 6013	6500			6500	33.3	6,500- 100.0-
	ASBESTOS REMOVAL 6014	41000			41000	33.3	41,000- 100.0-

3600	TITLE OPINIONS	6016	5350	5350	33.3	100.0	10,700	200.0		
	LOT CLEARING	6018	24650	24650	33.3		24,650-	100.0-		
	MEDICAL	6027								
	OTHER PROFESSIONAL SER	6049	8000	785	7215	33.3	9.8	5,644-	70.5-	
3600	PROFESSIONAL SERVICE		85500	6135	79365	33.3	7.1	67,094-	78.4-	
	COMMUNICATIONS									
590	TELEPHONE AND TELEGRAP	6060	5000	3322	1678	33.3	66.4	4,966	99.3	
	POSTAGE	6070								
590	COMMUNICATIONS		5000	3322	1678	33.3	66.4	4,966	99.3	
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	13000	358	12642	33.3	2.7	11,926-	91.7-	
	FREIGHT	6120								
	MESSENGER/EXPRESS SERV	6130								
	TRANSPORTATION		13000	358	12642	33.3	2.7	11,926-	91.7-	
	ADVERTISING									
	ADVERTISING	6150								
	ADVERTISING									
	PRINTING AND BINDING									
	PRINTING	6200	40000		40000	33.3		40,000-	100.0-	
	FILM PROCESSING	6240								
	PRINTING AND BINDING		40000		40000	33.3		40,000-	100.0-	
	INSURANCE									
	AUTOMOBILE INSURANCE	6265								
	SURETY AND FORGERY BON	6270								
	INSURANCE									
	REPR/MAINT-OUTSIDE LABO									
	OFFICE EQUIPMENT R&M	6365								
	MOTOR VEHICLE EQ. R&M	6384	2500	95	693	1712	33.3	27.7	420-	16.8-
	COMMUNICATION EQ. R&M	6390								
	CLEANING AND PAINTING	6392								
	SIGN PAINTING	6396								
	TOW IN CHARGES	6398	200		200	33.3		200-	100.0-	
	REPR/MAINT-OUTSIDE L		2700	95	693	1912	33.3	25.6	620-	22.9-
	RENTALS									
630	OTHER RENT	6449	6200		1247	4953	33.3	20.1	2,458-	39.6-
630	RENTALS		6200		1247	4953	33.3	20.1	2,458-	39.6-
	OTHER SERVICES & CHARGE									
	DUES AND MEMBERSHIPS	6840	1800		160	1640	33.3	8.8	1,320-	73.3-
	REGISTRATION FEE/TUITI	6845	4500	50	300-	4750	33.3	6.6	3,600-	80.0-
	OTHER SERVICES & CHA		6300	50	140-	6390	33.3	2.2	5,880-	93.3-
4819	OTHER SERVICES & CHAR		158700	145	11616	146940	33.3	7.3	123,852-	78.0-
	MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325								
	DATA PROCESSING EQUIP.	7327								
	COMMUNICATION EQUIPMEN	7355								
	MACHINERY AND EQUIPM									
	VEHICLES									

	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
-----			-----	-----	-----	-----	-----	-----	-----
43414	EXPENDITURES		829477	542	160242	668693	33.3	19.3	348,751- 42.0-

001190 - GENERAL FUND-P/S CONTRAC.SER

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	SALARIES						
9039	REGULAR WAGES 4000	140000		49411	90589	33.3 35.2	8,233 5.8
-----	OVERTIME 4300	-----	-----	-----	-----	-----	-----
9039	SALARIES	140000		49411	90589	33.3 35.2	8,233 5.8
	EMPLOYEE BENEFITS						
	STATE RETIREMENT 4600	26500			26500	33.3	26,500- 100.0-
	F.I.C.A. TAXES 4700	15300			15300	33.3	15,300- 100.0-
	HOSPITALIZATION INS. 4800	15000			15000	33.3	15,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	EMPLOYEE BENEFITS	56800			56800	33.3	56,800- 100.0-
-----		-----	-----	-----	-----	-----	-----
9039	PERSONAL SERVICES	196800		49411	147389	33.3 25.1	48,566- 24.6-
	PROFESSIONAL SERVICES						
23729	MEDICAL 6027	200000	904	85244	113852	33.3 42.6	55,732 27.8
	OTHER PROF.-JAIL DIV G 6048						
-----		-----	-----	-----	-----	-----	-----
23729	PROFESSIONAL SERVICE	200000	904	85244	113852	33.3 42.6	55,732 27.8
	OTHER SERVICES & CHARGE						
75126	JAIL EXPENSE 6815	970000		371772	598228	33.3 38.3	145,316 14.9
	DISTRICT ATT'Y SUBSIDY 6816						
	JAIL IMPR-CITY SHARE 6826						
	AMBULANCE SERV.CONTRIB 6860						
5000	EMERGENCY MGMT.CONTRIB 6865	126000		36500	89500	33.3 28.9	16,500- 13.0-
	USM CITIZEN CORPS COUN 6866						
	USM TITLE V CONTRACT 6867						
	JUVENILLE ACCT.INCEN TI 6868						
	METH GRANT CONTRACT 6869						
	SERVICES NOT SPECIFIED 6999						
-----		-----	-----	-----	-----	-----	-----
80126	OTHER SERVICES & CHA	1096000		408272	687728	33.3 37.2	128,816 11.7
-----		-----	-----	-----	-----	-----	-----
103855	OTHER SERVICES & CHAR	1296000	904	493516	801580	33.3 38.0	184,548 14.2
	VEHICLES						
	AUTOMOBILES 7400						
-----		-----	-----	-----	-----	-----	-----
	VEHICLES						
-----		-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY						
-----		-----	-----	-----	-----	-----	-----
112894	EXPENDITURES	1492800	904	542927	948969	33.3 36.3	135,981 9.1

001191 - GENERAL FUND-TRAFFIC MAINT.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
18858	REGULAR WAGES 4000	252442		75968	176474	33.3 30.0	24,538-	9.7-
	DISASTER RECOVERY WAGE 4010							
111	OVERTIME 4300	12000		5010	6990	33.3 41.7	3,030	25.2
	DISASTER RECOVERY OVER 4310							
18969	SALARIES	264442		80978	183464	33.3 30.6	21,508-	8.1-
	EMPLOYEE BENEFITS							
2988	STATE RETIREMENT 4600	41650		12754	28896	33.3 30.6	3,388-	8.1-
1405	F.I.C.A. TAXES 4700	20230		5982	14248	33.3 29.5	2,284-	11.2-
5220	HOSPITALIZATION INS. 4800	70200		20880	49320	33.3 29.7	7,560-	10.7-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	33.3	1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	14000			14000	33.3	14,000-	100.0-
9613	EMPLOYEE BENEFITS	147080		39616	107464	33.3 26.9	28,232-	19.1-
28582	PERSONAL SERVICES	411522		120594	290928	33.3 29.3	49,740-	12.0-
	OFFICE SUPPLIES							
	PAPER 5003	300			300	33.3	300-	100.0-
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	1300		454	846	33.3 34.9	62	4.7
	MINOR OFFICE EQUIP/FUR 5020	1000			1000	33.3	1,000-	100.0-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070	500			500	33.3	500-	100.0-
	COMPUTER SUPPLIES 5080	600		230	370	33.3 38.3	90	15.0
	OFFICE SUPPLIES	3700		684	3016	33.3 18.4	1,648-	44.5-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100	200			200	33.3	200-	100.0-
	HOUSEHOLD SUPPLIES 5110	1500		462	1038	33.3 30.8	114-	7.6-
	FOOD 5115							
	MEDICAL SUPPLIES 5120	50			50	33.3	50-	100.0-
	CHEMICALS 5130	600			600	33.3	600-	100.0-
822	GAS AND OIL 5250	18000		3500	14500	33.3 19.4	7,500-	41.6-
	LUBRICANTS 5255	100			100	33.3	100-	100.0-
25	DIESEL FUEL 5257	2000		409	1591	33.3 20.4	772-	38.6-
328	WEARING APPAREL 5355	1600		379	1221	33.3 23.6	462-	28.8-
	ASPHALT & ASPHALT PROD 5400							
	CONCRETE, CEMENT, ETC. 5405							
	SAND,CLAY,GRVL,FILL DI 5415							
	HORT./LANDSCAPING SPLY 5440							
29	HAND TOOLS 5450	2520		957	1563	33.3 37.9	351	13.9
298	MINOR EQUIPMENT 5460	12220		4559	7661	33.3 37.3	1,457	11.9
8528	TRAFFIC CONTROL EQ. SP 5540	50600		11412	39188	33.3 22.5	16,364-	32.3-
6091	TRAFFIC SIGNS 5545	23000		11728	11272	33.3 50.9	12,184	52.9
	STREET MARKING SUPPLIE 5550	3000			3000	33.3	3,000-	100.0-
830	OTHER OPERATING MATL/S 5590	2780		2668	112	33.3 95.9	5,224	187.9
16950	OPERATING SUPPLIES	118170		36073	82097	33.3 30.5	9,950-	8.4-

	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	2543		2543	33.3		2,543-	100.0-	
	ELECTRICAL SUPPLIES 5605	3000		3000	33.3		3,000-	100.0-	
	STRUCTURAL STEEL & IRO 5620	957		957	33.3		957-	100.0-	
486	PAINT AND PAINTING SPL 5650	6612	608	6004	33.3	9.1	4,788-	72.4-	
126	MTR VEHICLE REP. PTS/S 5700	5029	2203	2826	33.3	43.8	1,580	31.4	
	COMMUNICATION REPAIR P 5750	1700		1700	33.3		1,700-	100.0-	
	OTHER REPAIR/MAINT. SP 5990	500		500	33.3		500-	100.0-	
	DISASTER REPAIR SUPPLI 5995								
612	REPAIR & MAINTENANCE	20341		2811	17530	33.3 13.8	11,907-	58.5-	
17562	SUPPLIES AND EXPENSES	142211		39568	102643	33.3 27.8	23,507-	16.5-	
	PROFESSIONAL SERVICES								
	MEDICAL 6027								
	PROFESSIONAL SERVICE								
	COMMUNICATIONS								
70	TELEPHONE AND TELEGRAP 6060	1000	351	649	33.3	35.1	53	5.3	
	POSTAGE 6070								
70	COMMUNICATIONS	1000	351	649	33.3	35.1	53	5.3	
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	800	216	584	33.3	27.0	152-	19.0-	
27	FREIGHT 6120	785	37	748	33.3	4.7	673-	85.7-	
	MESSENGER/EXPRESS SERV 6130								
27	TRANSPORTATION	1585	253	1332	33.3	15.9	825-	52.0-	
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255								
	AUTOMOBILE INSURANCE 6265								
	SURETY AND FORGERY BON 6270								
	INSURANCE								
	UTILITIES								
218	GAS 6300	1000	316	684	33.3	31.6	52-	5.2-	
1057	ELECTRICITY 6305	16000	4263	11737	33.3	26.6	3,210-	20.0-	
	TRAFFIC LIGHT ELECTRIC 6310								
1276	UTILITIES	17000	4578	12422	33.3	26.9	3,266-	19.2-	
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	DISASTER REPAIRS 6351								
	STREETS & STRUCTURES R 6360								
	OFFICE EQUIPMENT R&M 6365	440		440	33.3		440-	100.0-	
	TRAFFIC CONTROL EQ. R& 6375	8000	1493	6507	33.3	18.6	3,520-	44.0-	
	FIXED EQUIPMENT R&M 6380								
	MINOR EQUIPMENT R&M 6382	150		150	33.3		150-	100.0-	
	MOTOR VEHICLE EQ. R&M 6384	4150	930 64	3156	33.3	1.5	3,958-	95.3-	
	COMMUNICATION EQ. R&M 6390	825		825	33.3		825-	100.0-	
45	DISINFECT./EXTERMINATI 6394	700	90	610	33.3	12.8	430-	61.4-	
	SIGN PAINTING 6396								
	TOW IN CHARGES 6398	200		200	33.3		200-	100.0-	
	OTHER REPAIRS AND MAIN 6399	1200		1200	33.3		1,200-	100.0-	

45	REPR/MAINT-OUTSIDE L	15665	930	1647	13088	33.3	10.5	10,723-	68.4-
	RENTALS								
	MACHINERY RENT 6420								
	CYLINDER RENT 6425								
401	UNIFORM RENT 6430	3104		1301	1803	33.3	41.9	799	25.7
	MOP-MAT-RAG RENT 6435	100			100	33.3		100-	100.0-
32	OTHER RENT 6449	300		134	166	33.3	44.6	102	34.0
432	RENTALS	3504		1435	2069	33.3	40.9	801	22.8
	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840	600		450	150	33.3	75.0	750	125.0
	REGISTRATION FEE/TUITI 6845	1160		549	611	33.3	47.3	487	41.9
	LAUNDRY 6850								
257	SERVICES NOT SPECIFIED 6999	5850		1027	4823	33.3	17.5	2,768-	47.3-
257	OTHER SERVICES & CHA	7610		2026	5584	33.3	26.6	1,532-	20.1-
2107	OTHER SERVICES & CHAR	46364	930	10291	35143	33.3	22.1	15,490-	33.4-
	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								
	VEHICLES								
	CAPITAL OUTLAY								
48251	EXPENDITURES	600097	930	170453	428714	33.3	28.4	88,737-	14.7-

001201 - GENERAL FUND-STREET DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
85544	REGULAR WAGES 4000	1172691		335614	837077	33.3 28.6	165,849-	14.1-
	DISASTER RECOVERY WAGE 4010							
1142	OVERTIME 4300	36000		9475	26525	33.3 26.3	7,574-	21.0-
	DISASTER RECOVERY OVER 4310							
86685	SALARIES	1208691		345089	863602	33.3 28.5	173,423-	14.3-
	EMPLOYEE BENEFITS							
13653	STATE RETIREMENT 4600	190370		54351	136019	33.3 28.5	27,316-	14.3-
6471	F.I.C.A. TAXES 4700	92470		25803	66667	33.3 27.9	15,060-	16.2-
22620	HOSPITALIZATION INS. 4800	343200		91140	252060	33.3 26.5	69,780-	20.3-
	UNEMPLOYMENT BENEFITS 4900	4000		227	3773	33.3 5.6	3,318-	82.9-
	WORKMAN'S COMPENSATION 4910	75000			75000	33.3	75,000-	100.0-
42744	EMPLOYEE BENEFITS	705040		171522	533518	33.3 24.3	190,474-	27.0-
129429	PERSONAL SERVICES	1913731		516610	1397121	33.3 26.9	363,901-	19.0-
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	500		415	85	33.3 83.0	745	149.0
5-	MINOR OFFICE EQUIP/FUR 5020	2500		1898	602	33.3 75.9	3,194	127.7
	SUBSCRIPTIONS, MAGS, MAP 5050							
5-	OFFICE SUPPLIES	3000		2313	687	33.3 77.1	3,939	131.3
	OPERATING SUPPLIES							
855	CLEANING/JANITORIAL SP 5100	3072		900	2172	33.3 29.2	372-	12.1-
116	HOUSEHOLD SUPPLIES 5110	2000		116	1884	33.3 5.8	1,652-	82.6-
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130	16500			16500	33.3	16,500-	100.0-
1722	GAS AND OIL 5250	35000		7669	27331	33.3 21.9	11,992-	34.2-
	LUBRICANTS 5255	1900		870	1030	33.3 45.7	710	37.3
4201	DIESEL FUEL 5257	55200		21259	33941	33.3 38.5	8,577	15.5
1791	WEARING APPAREL 5355	3700		2619	1081	33.3 70.7	4,157	112.3
60	ASPHALT & ASPHALT PROD 5400	22000		12264	9736	33.3 55.7	14,792	67.2
	CONCRETE, CEMENT, ETC. 5405	103200	9,840	13636	79724	33.3 13.2	62,292-	60.3-
3418	BRICK, STONE, MORTAR, ETC 5410	27800	6,800	18998	2002	33.3 68.3	29,194	105.0
	SAND, CLAY, GRVL, FILL DI 5415	27900	1,250	5410	21240	33.3 19.3	11,670-	41.8-
	DRAINAGE PIPE & CULVER 5420	24700			24700	33.3	24,700-	100.0-
130	HORT./LANDSCAPING SPLY 5440	3000		359	2641	33.3 11.9	1,922-	64.0-
	HAND TOOLS 5450	3000		2033	967	33.3 67.7	3,099	103.3
	MINOR EQUIPMENT 5460	9500		1045	8455	33.3 11.0	6,364-	66.9-
	STREET MARKING SUPPLIE 5550							
4273	OTHER OPERATING MATL/S 5590	18600		11176	7424	33.3 60.0	14,928	80.2
16565	OPERATING SUPPLIES	357072	17,890	98354	240828	33.3 27.5	62,010-	17.3-
	REPAIR & MAINTENANCE SP							
	BUILDING MATERIALS & S 5600	10000			10000	33.3	10,000-	100.0-
	ELECTRICAL SUPPLIES 5605	5000		234	4766	33.3 4.6	4,298-	85.9-

	PLUMBING SUPPLIES	5610	1900	200	1700	33.3	10.5	1,300-	68.4-
	STRUCTURAL STEEL & IRO	5620	4500		4500	33.3		4,500-	100.0-
	PAINT AND PAINTING SPL	5650	3400		3400	33.3		3,400-	100.0-
6664	MTR VEHICLE REP. PTS/S	5700	93491	4,321	47411	33.3	50.7	48,742	52.1
	COMMUNICATION REPAIR P	5750	1000		1000	33.3		1,000-	100.0-
	AGRICLTRL REPAIR PTS/S	5755	1400		1400	33.3		1,400-	100.0-
	OTHER REPAIR/MAINT. SP	5990	634		634	33.3		634-	100.0-
	DISASTER REPAIR SUPPLI	5995	85937		85937	33.3		85,937-	100.0-
6664	REPAIR & MAINTENANCE		207262	4,321	47845	33.3	23.0	63,726-	30.7-
23224	SUPPLIES AND EXPENSES		567334	22,211	148513	33.3	26.1	121,794-	21.4-
	PROFESSIONAL SERVICES								
	LOT CLEARING	6018							
	MEDICAL	6027							
	OTHER PROFESSIONAL SER	6049	23300		1487	33.3	6.3	18,838-	80.8-
	PROFESSIONAL SERVICE		23300		1487	33.3	6.3	18,838-	80.8-
286	TRANSPORTATION								
	TRAVEL EXPENSE	6110	2600	232	1646	33.3	63.3	2,338	89.9
	FREIGHT	6120	1100		1023	33.3	93.0	1,969	179.0
	MESSENGER/EXPRESS SERV	6130							
286	TRANSPORTATION		3700	232	2669	33.3	72.1	4,307	116.4
	ADVERTISING								
	ADVERTISING	6150							
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING	6200							
	PRINTING AND BINDING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D	6255							
	AUTOMOBILE INSURANCE	6265							
	INSURANCE								
	UTILITIES								
	ELECTRICITY	6305							
	UTILITIES								
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350							
	DISASTER REPAIRS	6351	72000		72000	33.3		72,000-	100.0-
	ELECTRICAL R&M	6355							
	PLUMBING EQUIPMENT R&M	6357							
	STREETS & STRUCTURES R	6360	20055	2,530	17525	33.3		20,055-	100.0-
	MISC PAVING	6360 01							
	VENETIAN WAY AREA	6360 02							
	S 27TH/O'FERRELL AREA	6360 03							
	W 4TH-COLUMBIA ST ARE	6360 04							
	MCINNIS LOOP/CAMBRIDG	6360 05							
	DABBS ST/MLK AREA	6360 06							
	S 40TH/BONHOMIE	6360 07							
	STANLEY/HWY 42 AREA	6360 08							
	PINE HILLS/SANDLEWOOD	6360 09							
	N 35TH/USM AREA	6360 10							
	S 36TH/MAMIE ST AREA	6360 11							

	S 34TH/MANDALAY AREA	6360 12								
	S H'BURG/S CHANCELLOR	6360 13								
	BROAD ST/CAPITAL ST A	6360 14								
	MOBILE/BOUIE ST AREA	6360 15								
	CHALMETTE/WINDGATE	6360 16								
	HONEYSUCKLE/DOGWOOD	6360 17								
	ADELINE/S 16TH AREA	6360 18								
	DUMAS/FLORENCE ST ARE	6360 19								
	S 16TH/CORRINE ST ARE	6360 20								
	ACADEMY DR-BLC AIRPOR	6360 21								
	COTTAGES AT TURTLE CR	6360 22								
	CLASSIC DR/J ED TURNE	6360 23								
	E 5TH ST/E 6TH ST ARE	6360 24								
	HALL/ELIZABETH AVE	6360 25								
	MANDALAY/HILLENDALE	6360 26								
	ARLINGTON LOOP/S 34TH	6360 27								
	N. 31st Ave/HILLSIDE	6360 28								
	DWNTWN AREA VAR STS &	6360 29								
	LONG RANGE PAVING PLA	6360 99	1000000	27,385		972615	33.3		1,000,000-	100.0-
	STREETS & STRUCTURE		1020055	32,445		990140	33.3		1,020,055-	100.0-
	FIXED EQUIPMENT R&M	6380								
	MINOR EQUIPMENT R&M	6382	1000			1000	33.3		1,000-	100.0-
9519	MOTOR VEHICLE EQ. R&M	6384	80300	6,111	39704	34485	33.3	49.4	38,812	48.3
	AGRICULTURAL EQ. R&M	6387								
	COMMUNICATION EQ. R&M	6390								
	SIGN PAINTING	6396								
500	TOW IN CHARGES	6398	1200		575	625	33.3	47.9	525	43.7
	OTHER REPAIRS AND MAIN	6399	9000			9000	33.3		9,000-	100.0-
10019	REPR/MAINT-OUTSIDE L		1183555	36,026	40279	1107250	33.3	3.4	1,062,717-	89.7-
	RENTALS									
	AUTOMOTIVE EQ. RENT	6415								
727	MACHINERY RENT	6420	21500		3667	17833	33.3	17.0	10,498-	48.8-
635	UNIFORM RENT	6430	8200		2316	5884	33.3	28.2	1,252-	15.2-
	OTHER RENT	6449	600			600	33.3		600-	100.0-
1362	RENTALS		30300		5983	24317	33.3	19.7	12,350-	40.7-
	OTHER SERVICES & CHARGE									
35	DUES AND MEMBERSHIPS	6840	250		35	215	33.3	14.0	144-	57.6-
180	REGISTRATION FEE/TUITI	6845	2750		2171	579	33.3	78.9	3,763	136.8
	SERVICES NOT SPECIFIED	6999	18500		380	18120	33.3	2.0	17,360-	93.8-
215	OTHER SERVICES & CHA		21500		2586	18914	33.3	12.0	13,742-	63.9-
11882	OTHER SERVICES & CHAR		1262355	36,258	53005	1173093	33.3	4.1	1,103,339-	87.4-
	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	33.3	-----	155,000- 100.0-
-----	MACHINERY AND EQUIPM		155000	-----	-----	155000	33.3	-----	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	33.3	-----	155,000- 100.0-
-----	EXPENDITURES		-----	-----	-----	-----	-----	-----	-----
164535			3898420	58,469	718128	3121824	33.3 18.4		1,744,036- 44.7-

001202 - GENERAL FUND-STREET LIGHTS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	UTILITIES									
93337	ELECTRICITY	6305	1160000		369005	790995	33.3	31.8	52,984-	4.5-
93337	UTILITIES		1160000		369005	790995	33.3	31.8	52,984-	4.5-
93337	OTHER SERVICES & CHAR		1160000		369005	790995	33.3	31.8	52,984-	4.5-
	IMPROVEMENT OTHER THAN STREET LIGHTING	7235								
	IMPROVEMENT OTHER TH									
	CAPITAL OUTLAY									
93337	EXPENDITURES		1160000		369005	790995	33.3	31.8	52,984-	4.5-

001203 - GENERAL FUND-ENGR/PUBLIC SER

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
18266	REGULAR WAGES 4000	257735		71206	186529	33.3	27.6	44,117-	17.1-
	DISASTER RECOVERY WAGE 4010								
22	OVERTIME 4300	500		120	380	33.3	24.0	140-	28.0-
	DISASTER RECOVERY OVER 4310								
18288	SALARIES	258235		71326	186909	33.3	27.6	44,257-	17.1-
	EMPLOYEE BENEFITS								
2880	STATE RETIREMENT 4600	40680		11234	29446	33.3	27.6	6,978-	17.1-
1371	F.I.C.A. TAXES 4700	19760		5335	14425	33.3	26.9	3,754-	18.9-
2900	HOSPITALIZATION INS. 4800	46800		11560	35240	33.3	24.7	12,120-	25.8-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	33.3		1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	9000			9000	33.3		9,000-	100.0-
7151	EMPLOYEE BENEFITS	117240		28128	89112	33.3	23.9	32,856-	28.0-
25439	PERSONAL SERVICES	375475		99455	276020	33.3	26.4	77,109-	20.5-
	OFFICE SUPPLIES								
	PAPER 5003	400		40	360	33.3	10.0	280-	70.0-
84	PRINTED FORMS 5005	85		84	1	33.3	98.8	167	196.4
77	OTHER EXPENDABLE OFF.S 5010	1000	54	287	659	33.3	28.7	138-	13.8-
	MINOR OFFICE EQUIP/FUR 5020								
	PHOTO SUPPLIES 5040								
	SUBSCRIPTIONS,MAGS,MAP 5050	200			200	33.3		200-	100.0-
	MAPS FOR RESALE 5060								
	BOOKS 5070								
	COMPUTER SUPPLIES 5080	3400			3400	33.3		3,400-	100.0-
161	OFFICE SUPPLIES	5085	54	411	4620	33.3	8.0	3,851-	75.7-
	OPERATING SUPPLIES								
	FOOD 5115								
	MEDICAL SUPPLIES 5120	215			215	33.3		215-	100.0-
80	GAS AND OIL 5250	2400		335	2065	33.3	13.9	1,394-	58.0-
	LUBRICANTS 5255								
	WEARING APPAREL 5355	90			90	33.3		90-	100.0-
	HORT./LANDSCAPING SPLY 5440								
	MINOR EQUIPMENT 5460	800		203	597	33.3	25.3	190-	23.7-
	OTHER OPERATING MATL/S 5590	200			200	33.3		200-	100.0-
80	OPERATING SUPPLIES	3705		538	3167	33.3	14.5	2,091-	56.4-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	750			750	33.3		750-	100.0-
	ELECTRICAL SUPPLIES 5605	100			100	33.3		100-	100.0-
	PAINT AND PAINTING SPL 5650								
	MTR VEHICLE REP. PTS/S 5700	1250		49	1201	33.3	3.9	1,102-	88.1-
	COMMUNICATION REPAIR P 5750	100			100	33.3		100-	100.0-
	OTHER REPAIR/MAINT. SP 5990	50			50	33.3		50-	100.0-
	DISASTER REPAIR SUPPLI 5995								
	REPAIR & MAINTENANCE	2250		49	2201	33.3	2.1	2,102-	93.4-

240	SUPPLIES AND EXPENSES	11040	54	998	9988	33.3	9.0	8,046-	72.8-
9730	PROFESSIONAL SERVICES								
	ENGINEERING 6015	119900		52367	67533	33.3	43.6	37,201	31.0
	CONSULTANT SERV/SURVEY 6020								
	ABSTRACTING & RECORDIN 6023								
7457	OTHER PROFESSIONAL SER 6049	89500		31716	57784	33.3	35.4	5,648	6.3
17187	PROFESSIONAL SERVICE	209400		84083	125317	33.3	40.1	42,849	20.4
164	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060	2080		1243	837	33.3	59.7	1,649	79.2
	POSTAGE 6070	2920			2920	33.3		2,920-	100.0-
164	COMMUNICATIONS	5000		1243	3757	33.3	24.8	1,270-	25.4-
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	4000			4000	33.3		4,000-	100.0-
	FREIGHT 6120	600		22	578	33.3	3.6	534-	89.0-
	MESSENGER/EXPRESS SERV 6130								
	TRANSPORTATION	4600		22	4578	33.3	.4	4,534-	98.5-
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	PRINTING AND BINDING								
	PRINTING 6200								
	BLUELINES 6210								
	FILM PROCESSING 6240								
	PRINTING AND BINDING								
	INSURANCE								
	AUTOMOBILE INSURANCE 6265								
	SURETY AND FORGERY BON 6270								
	INSURANCE								
187	UTILITIES								
	GAS 6300	1800		239	1561	33.3	13.2	1,082-	60.1-
343	ELECTRICITY 6305	4000		1657	2343	33.3	41.4	971	24.2
531	UTILITIES	5800		1896	3904	33.3	32.6	112-	1.9-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350	4000		75	3925	33.3	1.8	3,774-	94.3-
	DISASTER REPAIRS 6351	64100		64067	33	33.3	99.9	128,101	199.8
	STREETS & STRUCTURES R 6360								
	OFFICE EQUIPMENT R&M 6365	1000			1000	33.3		1,000-	100.0-
	MINOR EQUIPMENT R&M 6382								
	MOTOR VEHICLE EQ. R&M 6384	1000		499	501	33.3	49.9	497	49.7
	COMMUNICATION EQ. R&M 6390								
55	DISINFECT./EXTERMINATI 6394	700		110	590	33.3	15.7	370-	52.8-
	TOW IN CHARGES 6398								
55	REPR/MAINT-OUTSIDE L	70800		64751	6049	33.3	91.4	123,453	174.3
	RENTALS								
	OFFICE EQUIPMENT RENT 6410	4000		636	3364	33.3	15.9	2,092-	52.3-
	UNIFORM RENT 6430	400			400	33.3		400-	100.0-
	OTHER RENT 6449								
	RENTALS	4400		636	3764	33.3	14.4	2,492-	56.6-

	OTHER SERVICES & CHARGE								
	DUES AND MEMBERSHIPS 6840	360			360	33.3		360-	100.0-
15	REGISTRATION FEE/TUITI 6845	2870		265	2605	33.3	9.2	2,074-	72.2-
	SERVICES NOT SPECIFIED 6999	130			130	33.3		130-	100.0-
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15	OTHER SERVICES & CHA	3360		265	3095	33.3	7.8	2,564-	76.3-
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17952	OTHER SERVICES & CHAR	303360		152896	150464	33.3	50.4	155,328	51.2

	LAND								
	EASEMENTS 7010								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	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								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
-----		-----	-----	-----	-----	-----	-----	-----	-----
43631	EXPENDITURES	689875	54	253349	436473	33.3	36.7	70,172	10.1

001204 - GENERAL FUND-SHOP DIVISION

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
19708	REGULAR WAGES 4000	338927		83995	254932	33.3 24.7	86,941-	25.6-
	DISASTER RECOVERY WAGE 4010							
193	OVERTIME 4300	15000		5471	9529	33.3 36.4	1,413	9.4
	DISASTER RECOVERY OVER 4310							
19901	SALARIES	353927		89466	264461	33.3 25.2	85,529-	24.1-
EMPLOYEE BENEFITS								
3134	STATE RETIREMENT 4600	55750		14091	41659	33.3 25.2	13,476-	24.1-
1471	F.I.C.A. TAXES 4700	27080		6645	20435	33.3 24.5	7,144-	26.3-
5220	HOSPITALIZATION INS. 4800	93600		19140	74460	33.3 20.4	36,180-	38.6-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	33.3	1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	10500			10500	33.3	10,500-	100.0-
9825	EMPLOYEE BENEFITS	187930		39876	148054	33.3 21.2	68,302-	36.3-
29726	PERSONAL SERVICES	541857		129342	412515	33.3 23.8	153,831-	28.3-
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	1,371	6951	5178	33.3 51.4	7,353	54.4
264	GAS AND OIL 5250	10000	4,176	1104	4720	33.3 11.0	6,688-	66.8-
	LUBRICANTS 5255							
56	DIESEL FUEL 5257	3000		454	2546	33.3 15.1	1,638-	54.6-
	WEARING APPAREL 5355							
	HAND TOOLS 5450	1000			1000	33.3	1,000-	100.0-
	MINOR EQUIPMENT 5460	1500		500	1000	33.3 33.3		
260	OTHER OPERATING MATL/S 5590	1000		891	109	33.3 89.1	1,673	167.3
580	OPERATING SUPPLIES	30000	5,547	9901	14553	33.3 33.0	296-	.9-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	800		45	755	33.3 5.6	664-	83.0-
	ELECTRICAL SUPPLIES 5605	800		330	470	33.3 41.2	190	23.7
	PLUMBING SUPPLIES 5610	300		8	292	33.3 2.6	276-	92.0-
	STRUCTURAL STEEL & IRO 5620							
	PAINT AND PAINTING SPL 5650							
599	MTR VEHICLE REP. PTS/S 5700	3645	332	2017	1296	33.3 55.3	2,406	66.0
	TROLLEY REPR PARTS & S 5710							
	COMMUNICATION REPAIR P 5750	500			500	33.3	500-	100.0-
	EXPENDABLE WELDING SPL 5770	4700		918	3782	33.3 19.5	1,946-	41.4-
	OTHER REPAIR/MAINT. SP 5990	5100		172	4928	33.3 3.3	4,584-	89.8-

599	REPAIR & MAINTENANCE	15845	332	3490	12024	33.3	22.0	5,375-	33.9-
1179	SUPPLIES AND EXPENSES	45845	5,879	13391	26576	33.3	29.2	5,671-	12.3-
	TRANSPORTATION								
	FREIGHT 6120								
	TRANSPORTATION								
	INSURANCE								
	BOILER MACHINERY 6260								
	AUTOMOBILE INSURANCE 6265								
	INSURANCE								
	UTILITIES								
1597	GAS 6300	3000		2309	691	33.3	76.9	3,927	130.9
2399	ELECTRICITY 6305	30000		6834	23166	33.3	22.7	9,498-	31.6-
3995	UTILITIES 33000			9143	23857	33.3	27.7	5,570-	16.8-
	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	33.3		1,000-	100.0-
176	MOTOR VEHICLE EQ. R&M 6384	1800	250	176	1374	33.3	9.7	1,272-	70.6-
	TROLLEY EQUIPMENT R&M 6385								
	COMMUNICATION EQ. R&M 6390								
	DISINFECT./EXTERMINATI 6394								
	TOW IN CHARGES 6398								
	OTHER REPAIRS AND MAIN 6399								
176	REPR/MAINT-OUTSIDE L	2800	250	176	2374	33.3	6.2	2,272-	81.1-
	RENTALS								
	CYLINDER RENT 6425	700			700	33.3		700-	100.0-
215	UNIFORM RENT 6430	2500		1163	1337	33.3	46.5	989	39.5
	OTHER RENT 6449								
215	RENTALS 3200			1163	2037	33.3	36.3	289	9.0
	OTHER SERVICES & CHARGE								
	SERVICES NOT SPECIFIED 6999								
	OTHER SERVICES & CHA								
4386	OTHER SERVICES & CHAR	39000	250	10482	28268	33.3	26.8	7,554-	19.3-
	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							
-----			-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	SPECIAL TRUCKS	7450							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
-----			-----	-----	-----	-----	-----	-----	-----
35291	EXPENDITURES		626702	6,129	153215	467359	33.3 24.4	167,056-	26.6-

001205 - GENERAL FUND-G O & F S DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
12438	REGULAR WAGES 4000	186141		49306	136835	33.3 26.4	38,223-	20.5-
	DISASTER RECOVERY WAGE 4010							
125	OVERTIME 4300	2500		1546	954	33.3 61.8	2,138	85.5
	DISASTER RECOVERY OVER 4310							
12563	SALARIES	188641		50852	137789	33.3 26.9	36,085-	19.1-
	EMPLOYEE BENEFITS							
1979	STATE RETIREMENT 4600	29710		8009	21701	33.3 26.9	5,682-	19.1-
926	F.I.C.A. TAXES 4700	14420		3751	10669	33.3 26.0	3,166-	21.9-
3480	HOSPITALIZATION INS. 4800	46800		13920	32880	33.3 29.7	5,040-	10.7-
	UNEMPLOYMENT BENEFITS 4900	500			500	33.3	500-	100.0-
	WORKMAN'S COMPENSATION 4910	1800			1800	33.3	1,800-	100.0-
6385	EMPLOYEE BENEFITS	93230		25680	67550	33.3 27.5	16,190-	17.3-
18948	PERSONAL SERVICES	281871		76532	205339	33.3 27.1	52,275-	18.5-
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005							
95	OTHER EXPENDABLE OFF.S 5010	2000		830	1170	33.3 41.5	490	24.5
	MINOR OFFICE EQUIP/FUR 5020	1000		106	894	33.3 10.6	682-	68.2-
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080							
95	OFFICE SUPPLIES	3000		936	2064	33.3 31.2	192-	6.4-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100	2450		54	2396	33.3 2.2	2,288-	93.3-
	HOUSEHOLD SUPPLIES 5110	400			400	33.3	400-	100.0-
	MEDICAL SUPPLIES 5120	300			300	33.3	300-	100.0-
	CHEMICALS 5130							
	DIESEL FUEL-GENERATORS 5257	1800		163	1637	33.3 9.0	1,310-	72.7-
	WEARING APPAREL 5355							
	HAND TOOLS 5450							
	MINOR EQUIPMENT 5460							
	OTHER OPERATING MATL/S 5590	500		98	402	33.3 19.6	206-	41.2-
	OPERATING SUPPLIES	5450		316	5134	33.3 5.7	4,502-	82.6-
	REPAIR & MAINTENANCE SP							
	BUILDING MATERIALS & S 5600	500			500	33.3	500-	100.0-
	ELECTRICAL SUPPLIES 5605	550			550	33.3	550-	100.0-
	PLUMBING SUPPLIES 5610	100			100	33.3	100-	100.0-
	PAINT AND PAINTING SPL 5650	500			500	33.3	500-	100.0-
	COMMUNICATION REPAIR P 5750							
	REPAIR & MAINTENANCE	1650			1650	33.3	1,650-	100.0-
95	SUPPLIES AND EXPENSES	10100		1251	8849	33.3 12.3	6,346-	62.8-

359	PROFESSIONAL SERVICES								
359	OTHER PROFESSIONAL SER 6049	6650	2777	3873	33.3	41.7	1,681	25.2	
359	PROFESSIONAL SERVICE	6650	2777	3873	33.3	41.7	1,681	25.2	
482	COMMUNICATIONS								
482	TELEPHONE AND TELEGRAP 6060	5000	2417	2583	33.3	48.3	2,251	45.0	
	POSTAGE 6070								
482	COMMUNICATIONS	5000	2417	2583	33.3	48.3	2,251	45.0	
	TRANSPORTATION								
	FREIGHT 6120								
	MESSENGER/EXPRESS SERV 6130								
	TRANSPORTATION								
60	UTILITIES								
60	ELECTRICITY 6305	800	240	560	33.3	30.0	80-	10.0-	
60	UTILITIES	800	240	560	33.3	30.0	80-	10.0-	
	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								
220	DISINFECT./EXTERMINATI 6394	1500	440	1060	33.3	29.3	180-	12.0-	
220	REPR/MAINT-OUTSIDE L	1500	440	1060	33.3	29.3	180-	12.0-	
	RENTALS								
	OFFICE EQUIPMENT RENT 6410								
	UNIFORM RENT 6430	650		650	33.3		650-	100.0-	
100	MOP-MAT-RAG RENT 6435	1900	444	1456	33.3	23.3	568-	29.8-	
100	RENTALS	2550	444	2106	33.3	17.4	1,218-	47.7-	
	OTHER SERVICES & CHARGE								
	REGISTRATION FEE/TUITI 6845								
	LAUNDRY 6850								
	OTHER SERVICES & CHA								
1221	OTHER SERVICES & CHAR	16500	6319	10182	33.3	38.2	2,457	14.8	
	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	-----	-----	-----	-----	-----	-----	-----
20264	EXPENDITURES	308471		84102	224369	33.3	27.2	56,165- 18.2-

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								
8122	REGULAR WAGES	4000	110262		32487	77775	33.3 29.4	12,800-	11.6-
	DISASTER RECOVERY WAGE	4010							
30	OVERTIME	4300	1800		327	1473	33.3 18.1	818-	45.4-
	DISASTER RECOVERY OVER	4310							
-----			-----	-----	-----	-----	-----	-----	-----
8151	SALARIES		112062		32813	79249	33.3 29.2	13,622-	12.1-
	EMPLOYEE BENEFITS								
1284	STATE RETIREMENT	4600	17650		5168	12482	33.3 29.2	2,146-	12.1-
622	F.I.C.A. TAXES	4700	8580		2503	6077	33.3 29.1	1,070-	12.4-
2320	HOSPITALIZATION INS.	4800	31200		9280	21920	33.3 29.7	3,360-	10.7-
	UNEMPLOYMENT BENEFITS	4900	500			500	33.3	500-	100.0-
	WORKMAN'S COMPENSATION	4910	7500			7500	33.3	7,500-	100.0-
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4226	EMPLOYEE BENEFITS		65430		16951	48479	33.3 25.9	14,576-	22.2-
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12377	PERSONAL SERVICES		177492		49765	127727	33.3 28.0	28,196-	15.8-
	OPERATING SUPPLIES								
	CHEMICALS	5130	2000			2000	33.3	2,000-	100.0-
214	GAS AND OIL	5250	5000		919	4081	33.3 18.3	2,242-	44.8-
	LUBRICANTS	5255							
	DIESEL FUEL	5257	500		7	493	33.3 1.4	478-	95.6-
	WEARING APPAREL	5355	1200			1200	33.3	1,200-	100.0-
	CONCRETE, CEMENT, ETC.	5405	22300		5929	16371	33.3 26.5	4,512-	20.2-
	BRICK,STONE,MORTAR,ETC	5410	2000		1530	470	33.3 76.5	2,590	129.5
	SAND,CLAY,GRVL,FILL DI	5415	2500			2500	33.3	2,500-	100.0-
	DRAINAGE PIPE & CULVER	5420	24000		21020	2980	33.3 87.5	39,060	162.7
	HORT./LANDSCAPING SPLY	5440							
	HAND TOOLS	5450	1000			1000	33.3	1,000-	100.0-
	MINOR EQUIPMENT	5460	1400			1400	33.3	1,400-	100.0-
	OTHER OPERATING MATL/S	5590	1200	8	219	973	33.3 18.2	542-	45.1-
	OTHER OPER.MATL-BROWNS	5591							
-----			-----	-----	-----	-----	-----	-----	-----
214	OPERATING SUPPLIES		63100	8	29625	33467	33.3 46.9	25,775	40.8
	REPAIR & MAINTENANCE SP								
	STRUCTURAL STEEL & IRO	5620							
	MTR VEHICLE REP. PTS/S	5700	700			700	33.3	700-	100.0-
	COMMUNICATION REPAIR P	5750							
-----			-----	-----	-----	-----	-----	-----	-----
	REPAIR & MAINTENANCE		700			700	33.3	700-	100.0-
-----			-----	-----	-----	-----	-----	-----	-----
214	SUPPLIES AND EXPENSES		63800	8	29625	34167	33.3 46.4	25,075	39.3
	PROFESSIONAL SERVICES								
	CONSULTANT SERV-BROWNS	6020							
	OTHER PROFESSIONAL SER	6049	44702		1400	43302	33.3 3.1	40,502-	90.6-
-----			-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE		44702		1400	43302	33.3 3.1	40,502-	90.6-
	TRANSPORTATION								
	TRVL EXP-BROWNSFIELD P	6116							

	FREIGHT	6120							
	TRANSPORTATION								
	ADVERTISING								
	ADVERTISING	6150							
	ADVERTISING								
	INSURANCE								
	AUTOMOBILE INSURANCE	6265							
	INSURANCE								
	UTILITIES								
	ELECTRICITY	6305							
	UTILITIES								
	REPR/MAINT-OUTSIDE LABO								
	STREETS & STRUCTURES R	6360	190000		190000	33.3		190,000-	100.0-
	MOTOR VEHICLE EQ. R&M	6384	5000		5000	33.3		5,000-	100.0-
	COMMUNICATION EQ. R&M	6390							
	TOW IN CHARGES	6398	400		400	33.3		400-	100.0-
	REPR/MAINT-OUTSIDE L		195400		195400	33.3		195,400-	100.0-
	RENTALS								
	MACHINERY RENT	6420							
	UNIFORM RENT	6430	600		600	33.3		600-	100.0-
	RENTALS		600		600	33.3		600-	100.0-
	OTHER SERVICES & CHARGE								
	SERVICES NOT SPECIFIED	6999							
	OTHER SERVICES & CHA								
	OTHER SERVICES & CHAR		240702		1400	239302	33.3 .5	236,502-	98.2-
	LAND								
	LAND	7000							
	EASEMENTS	7010							
	LAND								
	IMPROVEMENT OTHER THAN								
	DRAINS	7215							
1228	NRCS EROSION CONTROL	7215 01	818450		818450	33.3		818,450-	100.0-
	GORDONS CREEK MARCH 2	7215 02	571000	498963	72037	33.3 87.3		925,889	162.1
1228	DRAINS		1389450	498963	890487	33.3 35.9		107,439	7.7
	OTHER IMPROVEMENTS	7295							
	MISC. PROJECTS	7296							
	ENVIRON PROJ-KERR MAG	7296 01							
	ENVIRON PROJ-MS TANK	7296 02							
	NCBM-BROWNFIELDS STUD	7296 03							
	ENVIRON PROJ-BROWNSFI	7296 04							
	DEQ-CREEK BANK-RIVER	7296 05							
	CREEK - LILLIE BURNEY	7296 06							
	CREEK - DEPOT BAKERY	7296 07							
	MISC. PROJECTS								
1228	IMPROVEMENT OTHER TH		1389450	498963	890487	33.3 35.9		107,439	7.7
	MACHINERY AND EQUIPMENT								

	DP EQUIP-BROWNSFIELD P	7324							
	CONSTRUCTION EQUIPMENT	7345							
	PIPE	7370							
	OTHER EQUIPMENT	7399							
-----			-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM								
	VEHICLES								
	PICK UP TRUCKS	7420							
	DUMP TRUCKS	7440							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
1228	CAPITAL OUTLAY	1389450		498963	890487	33.3	35.9	107,439	7.7
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13818	EXPENDITURES	1871444	8	579753	1291683	33.3	30.9	132,184-	7.0-

001207 - GENERAL FUND-CONSTRUCTION

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
35440	REGULAR WAGES 4000	468788		142308	326480	33.3 30.3	41,864-	8.9-
	DISASTER RECOVERY WAGE 4010							
115	OVERTIME 4300	8000		2967	5033	33.3 37.0	901	11.2
	DISASTER RECOVERY OVER 4310							
35555	SALARIES	476788		145275	331513	33.3 30.4	40,962-	8.5-
	EMPLOYEE BENEFITS							
5600	STATE RETIREMENT 4600	75100		22886	52214	33.3 30.4	6,442-	8.5-
2642	F.I.C.A. TAXES 4700	36480		10805	25675	33.3 29.6	4,064-	11.1-
8705	HOSPITALIZATION INS. 4800	124800		34820	89980	33.3 27.9	20,340-	16.2-
	UNEMPLOYMENT BENEFITS 4900	500			500	33.3	500-	100.0-
	WORKMAN'S COMPENSATION 4910	45000			45000	33.3	45,000-	100.0-
16947	EMPLOYEE BENEFITS	281880		68511	213369	33.3 24.3	76,346-	27.0-
52502	PERSONAL SERVICES	758668		213786	544882	33.3 28.1	117,310-	15.4-
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010							
	MINOR OFFICE EQUIP/FUR 5020	3400		123	3277	33.3 3.6	3,030-	89.1-
	SUBSCRIPTIONS, MAGS, MAP 5050							
	BOOKS 5070	150			150	33.3	150-	100.0-
	OFFICE SUPPLIES	3550		123	3427	33.3 3.4	3,180-	89.5-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100							
	CHEMICALS 5130							
1467	GAS AND OIL 5250	23150		6295	16855	33.3 27.1	4,264-	18.4-
	LUBRICANTS 5255	400			400	33.3	400-	100.0-
31	DIESEL FUEL 5257	1200		159	1041	33.3 13.2	722-	60.1-
	WEARING APPAREL 5355	750		44	706	33.3 5.8	618-	82.4-
	CONCRETE, CEMENT, ETC. 5405	1100			1100	33.3	1,100-	100.0-
	SAND, CLAY, GRVL, FILL DI 5415							
	DRAINAGE PIPE & CULVER 5420							
	HORT./LANDSCAPING SPLY 5440							
150	HAND TOOLS 5450	8800		525	8275	33.3 5.9	7,224-	82.0-
	MINOR EQUIPMENT 5460	7200			7200	33.3	7,200-	100.0-
	TRAFFIC SIGNS 5545							
683	OTHER OPERATING MATL/S 5590	6200	236	1761	4203	33.3 28.4	916-	14.7-
2331	OPERATING SUPPLIES	48800	236	8784	39780	33.3 18.0	22,448-	46.0-
	REPAIR & MAINTENANCE SP							
11089	BUILDING MATERIALS & S 5600	17400		14487	2913	33.3 83.2	26,061	149.7
61	ELECTRICAL SUPPLIES 5605	9500	107	2648	6745	33.3 27.8	1,556-	16.3-
374	PLUMBING SUPPLIES 5610	3000		674	2326	33.3 22.4	978-	32.6-
	STRUCTURAL STEEL & IRO 5620	750			750	33.3	750-	100.0-
25	PAINT AND PAINTING SPL 5650	3300		25	3275	33.3 .7	3,224-	97.6-
	MTR VEHICLE REP. PTS/S 5700	8800		1355	7445	33.3 15.3	4,734-	53.7-

	GENERATOR REP. PTS/SPL	5705							
	COMMUNICATION REPAIR P	5750	1000		1000	33.3		1,000-	100.0-
	AGRICLTRL REPAIR PTS/S	5755	500		500	33.3		500-	100.0-
	EXPENDABLE WELDING SPL	5770							
	OTHER REPAIR/MAINT. SP	5990	9700		2435	7265	33.3 25.1	2,394-	24.6-
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11549	REPAIR & MAINTENANCE		53950	107	21624	32218	33.3 40.0	10,922	20.2
	REPR PARTS/SUPPLIES								
	REPR/MAINT SPL-EATON S	5991 01							
432	REPR/MAINT SPL-DOWNTOW	5991 02	50000		17178	32822	33.3 34.3	1,534	3.0
	DISASTER REPAIR SUPPLI	5995	100			100	33.3	100-	100.0-
	8/29/05-HURRICANE KAT	5995 01							
	9/1/08-HURRICANE GUST	5995 02							
-----			-----		-----	-----	-----	-----	-----
	DISASTER REPAIR SUP		100			100	33.3	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								
-----			-----		-----	-----	-----	-----	-----
432	REPR PARTS/SUPPLIES		50100		17178	32922	33.3 34.2	1,434	2.8
-----			-----		-----	-----	-----	-----	-----
14312	SUPPLIES AND EXPENSES		156400	343	47710	108347	33.3 30.5	13,270-	8.4-
	PROFESSIONAL SERVICES								
	DEMOLITION	6013							
	ENGINEERING	6015							
-----			-----		-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE								
	COMMUNICATIONS								
121	TELEPHONE AND TELEGRAP	6060	2200		603	1597	33.3 27.4	390-	17.7-
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121	COMMUNICATIONS		2200		603	1597	33.3 27.4	390-	17.7-
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	1000			1000	33.3	1,000-	100.0-
	FREIGHT	6120							
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	TRANSPORTATION		1000			1000	33.3	1,000-	100.0-
	ADVERTISING								
	ADVERTISING	6150							
-----			-----		-----	-----	-----	-----	-----
	ADVERTISING								
	INSURANCE								
	AUTOMOBILE INSURANCE	6265							
-----			-----		-----	-----	-----	-----	-----
	INSURANCE								
	UTILITIES								
	GAS	6300							
252	ELECTRICITY	6305	12000		1403	10597	33.3 11.6	7,790-	64.9-
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252	UTILITIES		12000		1403	10597	33.3 11.6	7,790-	64.9-
	REPR/MAINT-OUTSIDE LABO								
	8/29/05 FACILITY REPRS	6351							
	8/29 TEMP ROOFS PW733	6351 01							
	8/29 ZOO ED CTR PW342	6351 02							
	8/29 AIRPORT PW2275	6351 03							
	8/29 ZOO GAZEBO PW194	6351 04							
	8/29 TRAIN DEP.PW1166	6351 05							

8/29 BURGR ROOF PW510 6351 06
 8/29 AIRPORT PW6184 6351 07
 8/29 P&F TRNG PW5158 6351 08
 8/29 MAIN ROOF PW4465 6351 09
 8/29 CONCESS RF PW447 6351 10
 8/29 P&F TRNG PW5136 6351 11
 8/29 SEWERS PW220 6351 12
 8/29 WATER PW6379 6351 13
 8/29 PLT 2 PW3427 6351 14
 8/29 HPD PW474 6351 15
 8/29 FIRE STA PW8294 6351 16
 8/29 DAHMER PW1298 6351 17
 8/29 DAHMER PW738 6351 18
 8/29 DAHMER PW1269 6351 19
 8/29 FIRE STA#8 PW444 6351 20
 8/29 SOFTBALL PW736 6351 21
 8/29 CAMERON FL PW730 6351 22
 8/29 GARDEN CTR PW176 6351 23
 8/29 AIRPORT PW3411 6351 24
 8/29 AIRPORT PW3459 6351 25
 8/29 CITY HALL PW1325 6351 26
 8/29 LAGOON PW712 6351 27
 8/29 TIMBERTON PW719 6351 28
 8/29 HIGHLAND PW717 6351 29
 8/29 TENNIS ROOF PW72 6351 30
 8/29 AVIARY EXH PW742 6351 31
 8/29 P&F ACA RF PW419 6351 32
 8/29 COMPUTER6259/512 6351 33
 8/29 WTR/SWR PW5492 6351 34
 8/29 ROOF5492/295/117 6351 35
 8/29 SPILLWAY PW7763 6351 36
 8/29 PUB SER FAC PW48 6351 37
 8/29 TRAF/CONST PW790 6351 38
 8/29 CUL CTR RF PW332 6351 39

 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

63000				63000	33.3		63,000-	100.0-
4600	164	1796	2640	33.3	39.0		788	17.1

75	COMMUNICATION EQ. R&M	6390	400	186	214	33.3	46.5	158	39.5	
	DOWNTOWN LIGHTS R&M	6391	4432		4432	33.3		4,432-	100.0-	
	DISINFECT./EXTERMINATI	6394	200		200	33.3		200-	100.0-	
	REPRS/MAINT-EATON SCHL	6395								
	TOW IN CHARGES	6398	200		200	33.3		200-	100.0-	
	OTHER REPAIRS AND MAIN	6399	800		800	33.3		800-	100.0-	
75	REPR/MAINT-OUTSIDE L		73632	164	1982	71486	33.3	2.6	67,686-	91.9-
	RENTALS									
	LAND RENT	6400								
	MACHINERY RENT	6420								
	CYLINDER RENT	6425	550		550	33.3		550-	100.0-	
396	UNIFORM RENT	6430	3350	1633	1717	33.3	48.7	1,549	46.2	
	OTHER RENT	6449	200		200	33.3		200-	100.0-	
396	RENTALS		4100	1633	2467	33.3	39.8	799	19.4	
	OTHER SERVICES & CHARGE									
	DUES AND MEMBERSHIPS	6840								
	REGISTRATION FEE/TUITI	6845								
	SERVICES NOT SPECIFIED	6999								
	OTHER SERVICES & CHA									
843	OTHER SERVICES & CHAR		92932	164	5622	87146	33.3	6.0	76,066-	81.8-
	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								
	BUILDINGS									
	BUILDING IMPROVEMENTS	7150								
	STORAGE BUILDING	7150 33								
	EATON SCHL ROOF/CLG P	7150 38								
	BUILDING IMPROVEMEN									
	BUILDING/BLD IMPROVE									
	IMPROVEMENT OTHER THAN									
	DRAINS	7215								
	OTHER IMPROVEMENTS	7295								
	EAST JERUSALEM COMM C	7295 07								
	OTHER IMPROVEMENTS									
	IMPROVEMENT OTHER TH									
	MACHINERY AND EQUIPMENT									
	8/29/05 STORM EQUIP	7302								
	OFFICE FURN/EQUIP.	7325								
	DATA PROCESSING EQUIP.	7327								
	AGRICULTURAL EQUIPMENT	7335								
	CONSTRUCTION EQUIPMENT	7345								
	COMMUNICATION EQUIPMEN	7355								

	PIPE	7370							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	DUMP TRUCKS	7440							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
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67657	EXPENDITURES		1008000	507	267118	740375	33.3 26.4	206,646-	20.5-

7320	MTR VEHICLE REP. PTS/S	5700	92356	3,131	24979	64246	33.3	27.0	17,418-	18.8-
	COMMUNICATION REPAIR P	5750	200			200	33.3		200-	100.0-
	EXPENDABLE WELDING SPL	5770								
	MINOR COMPUTER EQUIP.	5800								
	OTHER REPAIR/MAINT. SP	5990								
7320	REPAIR & MAINTENANCE		94856	3,131	25064	66661	33.3	26.4	19,664-	20.7-
32255	SUPPLIES AND EXPENSES		291696	3,671	89792	198233	33.3	30.7	22,320-	7.6-
	PROFESSIONAL SERVICES									
	ENGINEERING	6015								
72	CONSULTANT SERV/SURVEY	6020								
	OTHER PROFESSIONAL SER	6049	5850		273	5577	33.3	4.6	5,030-	85.9-
72	PROFESSIONAL SERVICE		5850		273	5577	33.3	4.6	5,030-	85.9-
	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060								
	POSTAGE	6070								
	COMMUNICATIONS									
	TRANSPORTATION									
234	TRAVEL EXPENSE	6110								
	FREIGHT	6120	2505	695	1237	573	33.3	49.3	1,206	48.1
234	TRANSPORTATION		2505	695	1237	573	33.3	49.3	1,206	48.1
	ADVERTISING									
	ADVERTISING	6150								
53	ADVERTISING-RECYCLING	6150 01	10345		3571	6774	33.3	34.5	368	3.5
53	ADVERTISING		10345		3571	6774	33.3	34.5	368	3.5
	PRINTING AND BINDING									
	FILM PROCESSING	6240								
	PRINTING AND BINDING									
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	AUTOMOBILE INSURANCE	6265								
	INSURANCE									
	UTILITIES									
642	ELECTRICITY	6305			1859	1859-			5,577	
	WATER	6315								
642	UTILITIES				1859	1859-			5,577	
	REPR/MAINT-OUTSIDE LABO									
	PLUMBING EQUIPMENT R&M	6357								
	OFFICE EQUIPMENT R&M	6365								
	FIXED EQUIPMENT R&M	6380	1000			1000	33.3		1,000-	100.0-
	MINOR EQUIPMENT R&M	6382	2800			2800	33.3		2,800-	100.0-
20315	MOTOR VEHICLE EQ. R&M	6384	78700	195	44127	34378	33.3	56.0	53,681	68.2
	COMMUNICATION EQ. R&M	6390								
	DISINFECT./EXTERMINATI	6394	50			50	33.3		50-	100.0-
950	TOW IN CHARGES	6398	2200		1300	900	33.3	59.0	1,700	77.2
	OTHER REPAIRS AND MAIN	6399	2300			2300	33.3		2,300-	100.0-
21265	REPR/MAINT-OUTSIDE L		87050	195	45427	41428	33.3	52.1	49,231	56.5
	RENTALS									
	LAND RENT	6400								

1034	UNIFORM RENT	6430	10200	3728	6472	33.3	36.5	984	9.6
96	MOP-MAT-RAG RENT	6435	1000	365	635	33.3	36.5	95	9.5
-----			-----	-----	-----	-----	-----	-----	-----
1130	RENTALS		11200	4094	7106	33.3	36.5	1,082	9.6
	OTHER SERVICES & CHARGE								
36537	TIPPING FEES	6880	650000	183910	466090	33.3	28.2	98,270-	15.1-
22591	TIPPING/DISPOSAL OTHER	6885	140000	63952	76048	33.3	45.6	51,856	37.0
1131	RECYCLING FEES	6890	133200	3594	129607	33.3	2.6	122,418-	91.9-
	SERVICES NOT SPECIFIED	6999	1800	584	1216	33.3	32.4	48-	2.6-
-----			-----	-----	-----	-----	-----	-----	-----
60259	OTHER SERVICES & CHA		925000	252040	672960	33.3	27.2	168,880-	18.2-
-----			-----	-----	-----	-----	-----	-----	-----
83654	OTHER SERVICES & CHAR		1041950	890	308502	33.3	29.6	116,444-	11.1-
-----			-----	-----	-----	-----	-----	-----	-----
	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								
-----			-----	-----	-----	-----	-----	-----	-----
215179	EXPENDITURES		2831137	4,561	781463	33.3	27.6	486,747-	17.1-

001221 - GENERAL FUND-STREET CLEANING

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
4008	REGULAR WAGES 4000	53404		16032	37372	33.3 30.0	5,308-	9.9-
94	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300	1500		114	1386	33.3 7.6	1,158-	77.2-
	DISASTER RECOVERY OVER 4310							
4102	SALARIES	54904		16146	38758	33.3 29.4	6,466-	11.7-
EMPLOYEE BENEFITS								
646	STATE RETIREMENT 4600	8650		2543	6107	33.3 29.3	1,020-	11.7-
313	F.I.C.A. TAXES 4700	4200		1232	2968	33.3 29.3	504-	12.0-
1160	HOSPITALIZATION INS. 4800	15600		4640	10960	33.3 29.7	1,680-	10.7-
	UNEMPLOYMENT BENEFITS 4900	500			500	33.3	500-	100.0-
	WORKMAN'S COMPENSATION 4910	2300			2300	33.3	2,300-	100.0-
2119	EMPLOYEE BENEFITS	31250		8415	22835	33.3 26.9	6,004-	19.2-
6221	PERSONAL SERVICES	86154		24561	61593	33.3 28.5	12,470-	14.4-
OPERATING SUPPLIES								
	GAS AND OIL 5250							
	LUBRICANTS 5255							
215	DIESEL FUEL 5257	7200		2566	4634	33.3 35.6	498	6.9
	WEARING APPAREL 5355							
	HAND TOOLS 5450							
	MINOR EQUIPMENT 5460	4600			4600	33.3	4,600-	100.0-
	OTHER OPERATING MATL/S 5590	4000			4000	33.3	4,000-	100.0-
215	OPERATING SUPPLIES	15800		2566	13234	33.3 16.2	8,102-	51.2-
REPAIR & MAINTENANCE SP								
	PAINT AND PAINTING SPL 5650							
	MTR VEHICLE REP. PTS/S 5700	3400	1,807	243	1350	33.3 7.1	2,670-	78.5-
	REPAIR & MAINTENANCE	3400	1,807	243	1350	33.3 7.1	2,670-	78.5-
215	SUPPLIES AND EXPENSES	19200	1,807	2809	14584	33.3 14.6	10,772-	56.1-
TRANSPORTATION								
	FREIGHT 6120	200			200	33.3	200-	100.0-
	TRANSPORTATION	200			200	33.3	200-	100.0-
ADVERTISING								
	ADVERTISING 6150							
	ADVERTISING							
INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255							
	AUTOMOBILE INSURANCE 6265							
	INSURANCE							
	REPR/MAINT-OUTSIDE LABO							
	MOTOR VEHICLE EQ. R&M 6384	1000	12		988	33.3	1,000-	100.0-

COMMUNICATION EQ. R&M	6390								
TOW IN CHARGES	6398	500			500	33.3		500-	100.0-
REPR/MAINT-OUTSIDE L		1500	12		1488	33.3		1,500-	100.0-
RENTALS									
UNIFORM RENT	6430	900			900	33.3		900-	100.0-
RENTALS		900			900	33.3		900-	100.0-
OTHER SERVICES & CHARGE									
SERVICES NOT SPECIFIED	6999								
OTHER SERVICES & CHA									
OTHER SERVICES & CHAR		2600	12		2588	33.3		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									
6436 EXPENDITURES		107954	1,819	27370	78765	33.3	25.3	25,844-	23.9-

001250 - GENERAL FUND-HEALTH DIVISION

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
23524	REGULAR WAGES 4000	360406		94393	266013	33.3 26.1	77,226-	21.4-
81	DISASTER RECOVERY WAGE 4010							
	OVERTIME 4300	10000		1574	8426	33.3 15.7	5,278-	52.7-
	DISASTER RECOVERY OVER 4310							
23605	SALARIES	370406		95967	274439	33.3 25.9	82,504-	22.2-
EMPLOYEE BENEFITS								
3718	STATE RETIREMENT 4600	58340		15115	43225	33.3 25.9	12,994-	22.2-
1786	F.I.C.A. TAXES 4700	28340		7265	21075	33.3 25.6	6,544-	23.0-
6090	HOSPITALIZATION INS. 4800	114000		26680	87320	33.3 23.4	33,960-	29.7-
	UNEMPLOYMENT BENEFITS 4900	3500		1138	2362	33.3 32.5	86-	2.4-
	WORKMAN'S COMPENSATION 4910	14900			14900	33.3	14,900-	100.0-
11594	EMPLOYEE BENEFITS	219080		50198	168882	33.3 22.9	68,486-	31.2-
35200	PERSONAL SERVICES	589486		146165	443321	33.3 24.7	150,990-	25.6-
OFFICE SUPPLIES								
OTHER EXPENDABLE OFF.S 5010								
OFFICE SUPPLIES								
OPERATING SUPPLIES								
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130	130000		22235	107765	33.3 17.1	63,294-	48.6-
	CHEMICALS-MOSQUITO GRA 5135							
1033	GAS AND OIL 5250	21000		8406	12594	33.3 40.0	4,218	20.0
	LUBRICANTS 5255							
178	DIESEL FUEL 5257	3000		2617	383	33.3 87.2	4,851	161.7
	OTHER FUEL 5260							
	WEARING APPAREL 5355	700			700	33.3	700-	100.0-
108	HAND TOOLS 5450	1000	179	218	603	33.3 21.8	346-	34.6-
	MINOR EQUIPMENT 5460	1400	390	1003	7	33.3 71.6	1,609	114.9
	HAZ.MAT SUP-DOMESTIC P 5466							
	OTHER OPERATING MATL/S 5590	1700		1675	25	33.3 98.5	3,325	195.5
1319	OPERATING SUPPLIES	158800	569	36154	122077	33.3 22.7	50,338-	31.6-
REPAIR & MAINTENANCE SP								
	ELECTRICAL SUPPLIES 5605							
	PLUMBING SUPPLIES 5610							
	PAINT AND PAINTING SPL 5650							
382	MTR VEHICLE REP. PTS/S 5700	8450	95	3797	4558	33.3 44.9	2,941	34.8
	COMMUNICATION REPAIR P 5750							
	AGRICLTRL REPAIR PTS/S 5755	300			300	33.3	300-	100.0-
382	REPAIR & MAINTENANCE	8750	95	3797	4858	33.3 43.3	2,641	30.1
1701	SUPPLIES AND EXPENSES	167550	664	39951	126935	33.3 23.8	47,696-	28.4-
PROFESSIONAL SERVICES								
OTHER PROFESSIONAL SER 6049								

-----	PROFESSIONAL SERVICE	-----	-----	-----	-----	-----	-----	-----
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
	TRVL EXP-MOSQUITO GRAN 6111							
	FREIGHT 6120							
-----	TRANSPORTATION	-----	-----	-----	-----	-----	-----	-----
	ADVERTISING							
	ADVERTISING 6150							
-----	ADVERTISING	-----	-----	-----	-----	-----	-----	-----
	PRINTING AND BINDING							
	PRINTING-GRANT RELATED 6202							
-----	PRINTING AND BINDING	-----	-----	-----	-----	-----	-----	-----
	INSURANCE							
	PUBLIC LIAB/PROPERTY D 6255							
	AUTOMOBILE INSURANCE 6265							
-----	INSURANCE	-----	-----	-----	-----	-----	-----	-----
	REPR/MAINT-OUTSIDE LABO							
	MINOR EQUIPMENT R&M 6382	1600		1600	33.3		1,600-	100.0-
	MOTOR VEHICLE EQ. R&M 6384	2200	1202	998	33.3	54.6	1,406	63.9
	AGRICULTURAL EQ. R&M 6387	400		400	33.3		400-	100.0-
	COMMUNICATION EQ. R&M 6390	800		800	33.3		800-	100.0-
	TOW IN CHARGES 6398	200		200	33.3		200-	100.0-
-----	REPR/MAINT-OUTSIDE L	5200	1202	3998	33.3	23.1	1,594-	30.6-
	RENTALS							
635	UNIFORM RENT 6430	3000	2949	51	33.3	98.3	5,847	194.9
-----	RENTALS	3000	2949	51	33.3	98.3	5,847	194.9
635	OTHER SERVICES & CHARGE							
	REGISTRATION FEE/TUITI 6845	500		500	33.3		500-	100.0-
	SERVICES NOT SPECIFIED 6999							
-----	OTHER SERVICES & CHA	500		500	33.3		500-	100.0-
-----	OTHER SERVICES & CHAR	8700	4151	4549	33.3	47.7	3,753	43.1
-----	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	-----	-----	-----	-----	-----	-----	-----
-----	EXPENDITURES	765736	664	190268	574804	33.3 24.8	194,932-	25.4-

001260 - GENERAL FUND-ANIMAL CONTROL

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
4093	REGULAR WAGES 4000	98454		24425	74029	33.3 24.8	25,178-	25.5-
	DISASTER RECOVERY WAGE 4010							
96	OVERTIME 4300	2000		470	1530	33.3 23.5	590-	29.5-
	DISASTER RECOVERY OVER 4310							
4189	SALARIES	100454		24895	75559	33.3 24.7	25,768-	25.6-
	EMPLOYEE BENEFITS							
660	STATE RETIREMENT 4600	15830		3921	11909	33.3 24.7	4,066-	25.6-
312	F.I.C.A. TAXES 4700	7690		1867	5823	33.3 24.2	2,088-	27.1-
1160	HOSPITALIZATION INS. 4800	31200		5220	25980	33.3 16.7	15,540-	49.8-
	UNEMPLOYMENT BENEFITS 4900	500			500	33.3	500-	100.0-
	WORKMAN'S COMPENSATION 4910	1400			1400	33.3	1,400-	100.0-
2132	EMPLOYEE BENEFITS	56620		11008	45612	33.3 19.4	23,596-	41.6-
6320	PERSONAL SERVICES	157074		35904	121170	33.3 22.8	49,362-	31.4-
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	500		200	300	33.3 40.0	100	20.0
	MINOR OFFICE EQUIP/FUR 5020							
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080	200			200	33.3	200-	100.0-
	OFFICE SUPPLIES	700		200	500	33.3 28.5	100-	14.2-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100							
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130							
295	GAS AND OIL 5250	7000		1941	5059	33.3 27.7	1,176-	16.8-
	LUBRICANTS 5255							
1420	WEARING APPAREL 5355	2500		1420	1080	33.3 56.8	1,760	70.4
	HORT./LANDSCAPING SPLY 5440							
	HAND TOOLS 5450	1200			1200	33.3	1,200-	100.0-
	MINOR EQUIPMENT 5460	500		400	100	33.3 80.0	700	140.0
	OTHER OPERATING MATL/S 5590							
1715	OPERATING SUPPLIES	11200		3760	7440	33.3 33.5	80	.7
	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	33.3	3,500-	100.0-

COMMUNICATION REPAIR P 5750
OTHER REPAIR/MAINT. SP 5990

-----	REPAIR & MAINTENANCE	3500	-----	-----	3500	33.3	-----	3,500-	100.0-
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1715	SUPPLIES AND EXPENSES	15400	-----	3960	11440	33.3	25.7	3,520-	22.8-
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	PROFESSIONAL SERVICES	-----	-----	-----	-----	-----	-----	-----	-----
-----	VETERINARIAN 6030	2000	-----	-----	2000	33.3	-----	2,000-	100.0-
-----	OTHER PROFESSIONAL SER 6049	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	PROFESSIONAL SERVICE	2000	-----	-----	2000	33.3	-----	2,000-	100.0-
-----	COMMUNICATIONS	-----	-----	-----	-----	-----	-----	-----	-----
-----	TELEPHONE AND TELEGRAP 6060	500	-----	110	390	33.3	22.0	170-	34.0-
-----	POSTAGE 6070	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	COMMUNICATIONS	500	-----	110	390	33.3	22.0	170-	34.0-
-----	TRANSPORTATION	-----	-----	-----	-----	-----	-----	-----	-----
-----	TRAVEL EXPENSE 6110	800	-----	-----	800	33.3	-----	800-	100.0-
-----	FREIGHT 6120	-----	-----	-----	-----	-----	-----	-----	-----
-----	MESSENGER/EXPRESS SERV 6130	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	TRANSPORTATION	800	-----	-----	800	33.3	-----	800-	100.0-
-----	ADVERTISING	-----	-----	-----	-----	-----	-----	-----	-----
-----	ADVERTISING 6150	-----	-----	-----	-----	-----	-----	-----	-----
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-----	ADVERTISING	-----	-----	-----	-----	-----	-----	-----	-----
-----	PRINTING AND BINDING	-----	-----	-----	-----	-----	-----	-----	-----
-----	PRINTING 6200	200	-----	-----	200	33.3	-----	200-	100.0-
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	PRINTING AND BINDING	200	-----	-----	200	33.3	-----	200-	100.0-
-----	INSURANCE	-----	-----	-----	-----	-----	-----	-----	-----
-----	AUTOMOBILE INSURANCE 6265	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	INSURANCE	-----	-----	-----	-----	-----	-----	-----	-----
-----	REPR/MAINT-OUTSIDE LABO	-----	-----	-----	-----	-----	-----	-----	-----
-----	BUILDING R&M 6350	-----	-----	-----	-----	-----	-----	-----	-----
-----	ELECTRICAL R&M 6355	-----	-----	-----	-----	-----	-----	-----	-----
-----	PLUMBING EQUIPMENT R&M 6357	-----	-----	-----	-----	-----	-----	-----	-----
-----	OFFICE EQUIPMENT R&M 6365	-----	-----	-----	-----	-----	-----	-----	-----
-----	HOUSEHOLD EQUIPMENT R& 6370	-----	-----	-----	-----	-----	-----	-----	-----
-----	FIXED EQUIPMENT R&M 6380	-----	-----	-----	-----	-----	-----	-----	-----
-----	MINOR EQUIPMENT R&M 6382	-----	-----	-----	-----	-----	-----	-----	-----
-----	MOTOR VEHICLE EQ. R&M 6384	1400	-----	225	1175	33.3	16.0	724-	51.7-
-----	COMMUNICATION EQ. R&M 6390	-----	-----	-----	-----	-----	-----	-----	-----
-----	CLEANING AND PAINTING 6392	-----	-----	-----	-----	-----	-----	-----	-----
-----	DISINFECT./EXTERMINATI 6394	-----	-----	-----	-----	-----	-----	-----	-----
-----	SIGN PAINTING 6396	-----	-----	-----	-----	-----	-----	-----	-----
-----	TOW IN CHARGES 6398	100	-----	55	45	33.3	55.0	65	65.0
-----	OTHER REPAIRS AND MAIN 6399	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	REPR/MAINT-OUTSIDE L	1500	-----	280	1220	33.3	18.6	660-	44.0-
-----	RENTALS	-----	-----	-----	-----	-----	-----	-----	-----
-----	OTHER RENT 6449	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	RENTALS	-----	-----	-----	-----	-----	-----	-----	-----
-----	OTHER SERVICES & CHARGE	-----	-----	-----	-----	-----	-----	-----	-----
-----	DUES AND MEMBERSHIPS 6840	125	-----	-----	125	33.3	-----	125-	100.0-
-----	REGISTRATION FEE/TUITI 6845	1800	-----	-----	1800	33.3	-----	1,800-	100.0-

21036	SERVICES NOT SPECIFIED 6999	149760		50184	99576	33.3	33.5	792	.5
-----		-----	-----	-----	-----	-----	-----	-----	-----
21036	OTHER SERVICES & CHA	151685		50184	101501	33.3	33.0	1,133-	.7-
-----		-----	-----	-----	-----	-----	-----	-----	-----
21036	OTHER SERVICES & CHAR	156685		50574	106111	33.3	32.2	4,963-	3.1-
-----		-----	-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPMENT								
	HOUSEHOLD FURN/EQUIP. 7320								
	OFFICE FURN/EQUIP. 7325								
	DATA PROCESSING EQUIP. 7327								
	COMMUNICATION EQUIPMEN 7355								
	OTHER EQUIPMENT 7399								
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	MACHINERY AND EQUIPM								
	VEHICLES								
	AUTOMOBILES 7400								
	PICK UP TRUCKS 7420								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
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29071	EXPENDITURES	329159		90438	238721	33.3	27.4	57,845-	17.5-

001280 - GENERAL FUND-HUMAN/SOC.ASST

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	33.3	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	33.3	106,380- 100.0-
	CTR FOR CHILD ABUSE P 6820 23	5000			5000	33.3	5,000- 100.0-
	SO.CTRL.MS.AMER.RED C 6820 24						
	UNIFIED NEIGHBORHOOD 6820 25						
	GULF PINES GIRL SCOUT 6820 26						
	USM COMM.SERVICE LEAR 6820 27						
	BIG BRO/BIG SIS OF SE 6820 28						
	HBRG CIVIC CHORUS/CON 6820 29						
	MS HOLIDAY SPECTACULA 6820 30						
	CORNERSTONE PROJECT 6820 31						
	SALVATION ARMY 6820 32						
	SO MS CHILDREN'S CTR 6820 33						
	CHRISTIAN SERVICES 6820 34						
	USM/DISABILITY STUDIE 6820 35						
	NEW TEST.YOUTH SAFE H 6820 36						
	USM/SYMPHONY 6820 37	50000			50000	33.3	50,000- 100.0-
	USM/DUBARD SCHOOL 6820 38						
	GREATER H'BURG COMMUN 6820 39						
	WORLD CHANGERS 6820 40						
	H'BURG PUBLIC SCHOOLS 6820 41						
	FLINT MICHIGAN WATER 6820 42						
	HSSD EXCEL BY 5 6820 43						
	HATTIESBURG ARTS CENT 6820 44						
	PRC-MY BEST PROGRAM 6820 46	15000			15000	33.3	15,000- 100.0-
	R3SM 6820 47	25000			25000	33.3	25,000- 100.0-
	SUMMER JOB INTERNSHIP 6820 48	20000			20000	33.3	20,000- 100.0-
	UNALLOCATED CONTRIBUT 6820 99	15000			15000	33.3	15,000- 100.0-
CONTRIBUTIONS		239880			239880	33.3	239,880- 100.0-
OTHER SERVICES & CHA		239880			239880	33.3	239,880- 100.0-

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	OTHER SERVICES & CHAR	239880			239880	33.3		239,880- 100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	239880			239880	33.3		239,880- 100.0-

001402 - GENERAL FUND-ECONOMIC DEV.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

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		100000	150000	33.3 40.0	50,000	20.0
	PRCC TECH CENTER 6820 02							
	FCIPC/ECONOMIC DEVEL. 6820 03							
	H'BURG DOWNTOWN ASSN 6820 37	55000			55000	33.3	55,000-	100.0-
	CAMP SHELBY STUDY 6820 45							
	PHWD-FEASIBILITY STUD 6820 50							
-----		-----	-----	-----	-----	-----	-----	-----
	CONTRIBUTIONS	305000		100000	205000	33.3 32.7	5,000-	1.6-
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA	305000		100000	205000	33.3 32.7	5,000-	1.6-
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR	305000		100000	205000	33.3 32.7	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							
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	EXPENDITURES	305000		100000	205000	33.3 32.7	5,000-	1.6-

001460 - GENERAL FUND-CAPITAL LEASES

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	NOTE PRINCIPAL							
	2005 STORM NOTE 8205							
	SAENGER SERIES 1999 NO 8220							
	MDB CAPITAL PROJECTS 8223							
	MDB-DEPOT PROJ 8223 01							
	MDB-WTR/SWR LINES 8223 02							
	MDB-HPD RENOVATION 8223 03							
	MDB-592 PROG 2001A PO 8223 04							
	MDB-FIRE STA #1 8223 05							
1797	MDB-CHURCH PROJ 8223 06	21566		7188	14378	33.3 33.3	2-	
	MDB-4TH ST WIDENING 8223 07							
	MDB-CHAIN PARK 8223 08							
	MDB-HUB CITY LOFTS 8223 09	90193		22380	67813	33.3 24.8	23,053-	25.5-
-----		-----	-----	-----	-----	-----	-----	-----
1797	MDB CAPITAL PROJECT	111759		29567	82192	33.3 26.4	23,057-	20.6-
	W&S USA YEAST 2002"B"N 8224							
-----		-----	-----	-----	-----	-----	-----	-----
1797	NOTE PRINCIPAL	111759		29567	82192	33.3 26.4	23,057-	20.6-
	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							
518	MDB-CHURCH PROJ 8333 06	5500		1720	3780	33.3 31.2	340-	6.1-
	MDB-4TH ST WIDENING 8333 07							
	MDB-CHAIN PARK 8333 08							
	MDB-HUB CITY LOFTS 8333 09	31219		7973	23246	33.3 25.5	7,299-	23.3-
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518	MDB CAPITAL PROJECT	36719		9694	27025	33.3 26.4	7,637-	20.7-
	W&S USA YEAST 2002"B"N 8334							
-----		-----	-----	-----	-----	-----	-----	-----
518	INTEREST ON NOTES	36719		9694	27025	33.3 26.4	7,637-	20.7-
	PAYING AGENT FEES							
	LEASE ISSUES 8401	3000		3000		33.3 100.0	6,000	200.0
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	PAYING AGENT FEES	3000		3000		33.3 100.0	6,000	200.0
	CAPITAL LEASE PAYMENTS							
	COMPUTER LEASE-INFO.SY 8510							
	COMPUTER LEASE-POLICE 8511							
	POLICE CARS LEASE 8512	576000			576000	33.3	576,000-	100.0-
	EMER GENERATORS LEASE 8513							
	2012 EQUIP LEASE 8514							
	BUILDING LEASE 8515	900000			900000	33.3	900,000-	100.0-
	PUBLIC SAFETY COMPLEX 8516	175000		175000		33.3 100.0	350,000	200.0
	ENERGY PERFORMANCE IMP 8519	329665			329665	33.3	329,665-	100.0-
40563	SANITATION TRUCKS LEAS 8520	489020		161929	327091	33.3 33.1	3,232-	.6-
	SANITATION CANS LEASE 8521							

	SPECIAL TRUCKS LEASE	8523	52000		52000	33.3		52,000-	100.0-
	DUMP TRUCK LEASE	8525							
	DOWNTOWN LIGHTING	8531							
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40563	CAPITAL LEASE PAYMEN		2521685		336929	2184756	33.3 13.3	1,510,897-	59.9-
	INTEREST ON CAPITAL LEA								
	COMPUTER LEASE-INFO SY	8610							
	COMPUTER LEASE-POLICE	8611							
	POLICE CARS LEASE	8612	18000			18000	33.3	18,000-	100.0-
	EMER GENERATORS LEASE	8613							
	2012 EQUIP LEASE	8614							
	BUILDING LEASE	8615							
	PUBLIC SAFETY COMPLEX	8616	228025	116200	111825	33.3 50.9		120,575	52.8
	ENERGY PERFORMANCE IMP	8619	193982		193982	33.3		193,982-	100.0-
814	SANITATION TRUCKS LEAS	8620	7499	3577	3922	33.3 47.6		3,232	43.0
	SANITATION CANS LEASE	8621							
	SPECIAL TRUCKS LEASE	8623	3000		3000	33.3		3,000-	100.0-
	DUMP TRUCK LEASE	8625							
	DOWNTOWN LIGHTING	8631							
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814	INTEREST ON CAPITAL		450506		119777	330729	33.3 26.5	91,174-	20.2-
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43691	DEBT SERVICE		3123669		498967	2624702	33.3 15.9	1,626,767-	52.0-
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43691	EXPENDITURES		3123669		498967	2624702	33.3 15.9	1,626,767-	52.0-

001500 - GENERAL FUND-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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 PARKS & RECREATION	9000 02	2570000		570000	2000000	33.3 22.1	860,000- 33.4-
T/T MUN,FIRE PROTECTIO	9000 05						
T/T SPECIAL STREET	9000 08						
T/T 1994 GO-IND. DEVEL	9000 103						
T/T GOVNMNT. 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		33.3 100.0	460,000 200.0
T/T W & S CONSTRUCTION	9000 75						
T/T COMMUNITY CENTERS	9000 77	600000			600000	33.3	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						
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F	3400000		800000	2600000	33.3 23.5	1,000,000- 29.4-
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS	3400000		800000	2600000	33.3 23.5	1,000,000- 29.4-
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	3400000		800000	2600000	33.3 23.5	1,000,000- 29.4-

001551 - GENERAL FUND-AIRPORT DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	SALARIES						
2880	REGULAR WAGES 4000	50180		14400	35780	33.3 28.6	6,980- 13.9-
	DISASTER RECOVERY WAGE 4010						
12	OVERTIME 4300	1000		78	922	33.3 7.8	766- 76.6-
	DISASTER RECOVERY OVER 4310						
2892	SALARIES	51180		14478	36702	33.3 28.2	7,746- 15.1-
	EMPLOYEE BENEFITS						
455	STATE RETIREMENT 4600	8060		2280	5780	33.3 28.2	1,220- 15.1-
219	F.I.C.A. TAXES 4700	3920		1094	2826	33.3 27.9	638- 16.2-
870	HOSPITALIZATION INS. 4800	15600		4350	11250	33.3 27.8	2,550- 16.3-
	UNEMPLOYMENT BENEFITS 4900	500			500	33.3	500- 100.0-
	WORKMAN'S COMPENSATION 4910	3000			3000	33.3	3,000- 100.0-
1545	EMPLOYEE BENEFITS	31080		7725	23355	33.3 24.8	7,904- 25.4-
4437	PERSONAL SERVICES	82260		22203	60057	33.3 26.9	15,650- 19.0-
	OPERATING SUPPLIES						
	CLEANING/JANITORIAL SP 5100	450			450	33.3	450- 100.0-
	CHEMICALS 5130	1000			1000	33.3	1,000- 100.0-
483	GAS AND OIL 5250	6500		2044	4456	33.3 31.4	368- 5.6-
	LUBRICANTS 5255	200			200	33.3	200- 100.0-
	DIESEL FUEL 5257	1000			1000	33.3	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	33.3	500- 100.0-
	MINOR EQUIPMENT 5460	1300			1300	33.3	1,300- 100.0-
354	OTHER OPERATING MATL/S 5590	4400		714	3686	33.3 16.2	2,258- 51.3-
838	OPERATING SUPPLIES	15350		2758	12592	33.3 17.9	7,076- 46.0-
	REPAIR & MAINTENANCE SP						
	BUILDING MATERIALS & S 5600	1000			1000	33.3	1,000- 100.0-
	ELECTRICAL SUPPLIES 5605	7450		996	6454	33.3 13.3	4,462- 59.8-
	PLUMBING SUPPLIES 5610	700			700	33.3	700- 100.0-
	STRUCTURAL STEEL & IRO 5620						
	PAINT AND PAINTING SPL 5650						
	MTR VEHICLE REP. PTS/S 5700	1000	1,712		712-	33.3	1,000- 100.0-
	COMMUNICATION REPAIR P 5750						
	AGRICLTRL REPAIR PTS/S 5755	2000			2000	33.3	2,000- 100.0-
	EXPENDABLE WELDING SPL 5770	700			700	33.3	700- 100.0-
	OTHER REPAIR/MAINT. SP 5990	10000		7259	2741	33.3 72.5	11,777 117.7
	REPAIR & MAINTENANCE	22850	1,712	8255	12883	33.3 36.1	1,915 8.3
838	SUPPLIES AND EXPENSES	38200	1,712	11012	25476	33.3 28.8	5,164- 13.5-
	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									
31	GAS	6300	1200	130	1070	33.3	10.8	810-	67.5-
1312	ELECTRICITY	6305	14000	5185	8815	33.3	37.0	1,555	11.1

1343	WATER	6315							

UTILITIES									
	REPR/MAINT-OUTSIDE LABO		15200	5315	9885	33.3	34.9	745	4.9

BUILDING R&M 6350									
	STREETS & STRUCTURES R 6360		1000		1000	33.3		1,000-	100.0-

FIXED EQUIPMENT R&M 6380									
	MINOR EQUIPMENT R&M 6382		2000	1500	500	33.3	75.0	2,500	125.0

GENERATOR R&M 6383									
	MOTOR VEHICLE EQ. R&M 6384		500		500	33.3		500-	100.0-

CONSTRUCTION EQUIP R&M 6386									
	AGRICULTURAL EQ. R&M 6387		2000		2000	33.3		2,000-	100.0-

COMMUNICATION EQ. R&M 6390									
	DISINFECT./EXTERMINATI 6394		1000		1000	33.3		1,000-	100.0-

90	OTHER REPAIRS AND MAIN 6399		800	180	620	33.3	22.5	260-	32.5-
2196			58550	19630	38920	33.3	33.5	340	.5

2286	REPR/MAINT-OUTSIDE L		65850	21310	44540	33.3	32.3	1,920-	2.9-

RENTALS									
LAND RENT 6400									
	CYLINDER RENT 6425		200		200	33.3		200-	100.0-

UNIFORM RENT 6430									
	OTHER RENT 6449		750		750	33.3		750-	100.0-

RENTALS									
	OTHER SERVICES & CHARGE		2000		2000	33.3		2,000-	100.0-

DUES AND MEMBERSHIPS 6840									
	REGISTRATION FEE/TUITI 6845		2950		2950	33.3		2,950-	100.0-

SERVICES NOT SPECIFIED 6999									
			958		958	33.3		958-	100.0-

			1000		1000	33.3		1,000-	100.0-

OTHER SERVICES & CHA									
			1958		1958	33.3		1,958-	100.0-

-----	3629	OTHER SERVICES & CHAR	-----	85958	-----	26625	-----	59333	-----	33.3	30.9	-----	6,082-	-----	7.0-	
-----		LAND	-----		-----		-----		-----			-----		-----		
-----		LEASEHOLDS	-----	7020	-----		-----		-----			-----		-----		
-----		LAND	-----		-----		-----		-----			-----		-----		
-----		BUILDING/BLD IMPROVEMEN	-----		-----		-----		-----			-----		-----		
-----		BUILDINGS	-----	7100	-----		-----		-----			-----		-----		
-----		STORAGE SHED	-----	7100 23	-----		-----		-----			-----		-----		
-----		BUILDINGS	-----		-----		-----		-----			-----		-----		
-----		BUILDING IMPROVEMENTS	-----	7150	-----		-----		-----			-----		-----		
-----		HANGER #3 IMPROVEMENT	-----	7150 32	-----		-----		-----			-----		-----		
-----		BUILDING IMPROVEMEN	-----		-----		-----		-----			-----		-----		
-----		BUILDING/BLD IMPROVE	-----		-----		-----		-----			-----		-----		
-----		IMPROVEMENT OTHER THAN	-----		-----		-----		-----			-----		-----		
-----		DRAINS	-----	7215	-----		-----		-----			-----		-----		
-----		OTHER IMPROVEMENTS	-----	7295	-----		-----		-----			-----		-----		
-----		IMPROVEMENT OTHER TH	-----		-----		-----		-----			-----		-----		
-----		MACHINERY AND EQUIPMENT	-----		-----		-----		-----			-----		-----		
-----		AGRICULTURAL EQUIPMENT	-----	7335	-----		-----		-----			-----		-----		
-----		CONSTRUCTION EQUIPMENT	-----	7345	-----		-----		-----			-----		-----		
-----		COMMUNICATION EQUIPMEN	-----	7355	-----		-----		-----			-----		-----		
-----		OTHER EQUIPMENT	-----	7399	-----		-----		-----			-----		-----		
-----		MACHINERY AND EQUIPM	-----		-----		-----		-----			-----		-----		
-----		VEHICLES	-----		-----		-----		-----			-----		-----		
-----		PICK UP TRUCKS	-----	7420	-----		-----		-----			-----		-----		
-----		SPECIAL TRUCKS	-----	7450	-----		-----		-----			-----		-----		
-----		VEHICLES	-----		-----		-----		-----			-----		-----		
-----		VEHICLES	-----		-----		-----		-----			-----		-----		
-----		CAPITAL OUTLAY	-----		-----		-----		-----			-----		-----		
-----	8903	EXPENDITURES	-----	206418	-----	1,712	-----	59840	-----	144866	-----	33.3	28.9	-----	26,898-	13.0-

001553 - GENERAL FUND-CEMETERY DIV

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
34317	REGULAR WAGES 4000	480313		132661	347652	33.3 27.6	82,329-	17.1-
	DISASTER RECOVERY WAGE 4010							
1931	OVERTIME 4300	19000		8427	10573	33.3 44.3	6,281	33.0
	DISASTER RECOVERY OVER 4310							
36249	SALARIES	499313		141088	358225	33.3 28.2	76,049-	15.2-
	EMPLOYEE BENEFITS							
5709	STATE RETIREMENT 4600	78645		22242	56403	33.3 28.2	11,919-	15.1-
2690	F.I.C.A. TAXES 4700	38200		10530	27670	33.3 27.5	6,610-	17.3-
8991	HOSPITALIZATION INS. 4800	140400		35380	105020	33.3 25.1	34,260-	24.4-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	33.3	1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	20000			20000	33.3	20,000-	100.0-
17391	EMPLOYEE BENEFITS	278245		68152	210093	33.3 24.4	73,789-	26.5-
53639	PERSONAL SERVICES	777558		209240	568318	33.3 26.9	149,838-	19.2-
	OFFICE SUPPLIES							
	PAPER 5003	100			100	33.3	100-	100.0-
	PRINTED FORMS 5005							
162	OTHER EXPENDABLE OFF.S 5010	1590		680	910	33.3 42.7	450	28.3
	MINOR OFFICE EQUIP/FUR 5020	1110		128	982	33.3 11.5	726-	65.4-
	PUBLIC EDUCATION MAT'L 5032							
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
162	OFFICE SUPPLIES	2800		808	1992	33.3 28.8	376-	13.4-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100	2000		188	1812	33.3 9.4	1,436-	71.8-
	FOOD 5115							
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130	2700			2700	33.3	2,700-	100.0-
1147	GAS AND OIL 5250	24000		5802	18198	33.3 24.1	6,594-	27.4-
	LUBRICANTS 5255	500			500	33.3	500-	100.0-
758	DIESEL FUEL 5257	18000		3560	14440	33.3 19.7	7,320-	40.6-
624	WEARING APPAREL 5355	2100	350	624	1126	33.3 29.7	228-	10.8-
	ASPHALT & ASPHALT PROD 5400							
	CONCRETE, CEMENT, ETC. 5405	200			200	33.3	200-	100.0-
1240	SAND,CLAY,GRVL,FILL DI 5415	3000		1240	1760	33.3 41.3	720	24.0
	DRAINAGE PIPE & CULVER 5420							
	HORT./LANDSCAPING SPLY 5440	4000		1762	2238	33.3 44.0	1,286	32.1
	HAND TOOLS 5450	800		160	640	33.3 20.0	320-	40.0-
	MINOR EQUIPMENT 5460	3500	234	114	3152	33.3 3.2	3,158-	90.2-
	PUMPING EQUIPMENT PART 5495							
	TRAFFIC SIGNS 5545							
45	OTHER OPERATING MATL/S 5590	500		45	455	33.3 9.0	364-	72.8-
3814	OPERATING SUPPLIES	61300	584	13494	47222	33.3 22.0	20,818-	33.9-
	REPAIR & MAINTENANCE SP							

	BUILDING MATERIALS & S	5600	2000		2000	33.3		2,000-	100.0-
	ELECTRICAL SUPPLIES	5605	500		500	33.3		500-	100.0-
	PLUMBING SUPPLIES	5610	500		500	33.3		500-	100.0-
	STRUCTURAL STEEL & IRO	5620							
	PAINT AND PAINTING SPL	5650							
7842	MTR VEHICLE REP. PTS/S	5700	11967	606	11278	83	33.3 94.2	21,867	182.7
	COMMUNICATION REPAIR P	5750	500		500	33.3		500-	100.0-
238	AGRICLTRL REPAIR PTS/S	5755	4033		1197	2836	33.3 29.6	441-	10.9-
	EXPENDABLE WELDING SPL	5770							
	OTHER REPAIR/MAINT. SP	5990	100		100	33.3		100-	100.0-
	DISASTER REPAIR SUPPLI	5995	1250		1250	33.3		1,250-	100.0-
8080	REPAIR & MAINTENANCE		20850	606	12475	7769	33.3 59.8	16,575	79.4
12056	SUPPLIES AND EXPENSES		84950	1,190	26777	56982	33.3 31.5	4,618-	5.4-
	PROFESSIONAL SERVICES								
	ENGINEERING	6015							
	LEGAL	6025							
	MEDICAL	6027							
308	OTHER PROFESSIONAL SER	6049	3800		1232	2568	33.3 32.4	104-	2.7-
308	PROFESSIONAL SERVICE		3800		1232	2568	33.3 32.4	104-	2.7-
115	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP	6060	1500		573	927	33.3 38.2	219	14.6
115	COMMUNICATIONS		1500		573	927	33.3 38.2	219	14.6
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	1000		213	787	33.3 21.3	360-	36.0-
	FREIGHT	6120	175			175	33.3	175-	100.0-
	TRANSPORTATION		1175		213	962	33.3 18.1	535-	45.5-
	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								
139	UTILITIES								
	GAS	6300	1000		184	816	33.3 18.4	448-	44.8-
675	ELECTRICITY	6305	7126		2208	4919	33.3 30.9	502-	7.0-
	WATER	6315							
814	UTILITIES		8126		2392	5734	33.3 29.4	950-	11.6-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350	500			500	33.3	500-	100.0-
	ELECTRICAL R&M	6355							
	PLUMBING EQUIPMENT R&M	6357							
	STREETS & STRUCTURES R	6360	13400			13400	33.3	13,400-	100.0-
	OFFICE EQUIPMENT R&M	6365	135			135	33.3	135-	100.0-

	FIXED EQUIPMENT R&M	6380								
	MINOR EQUIPMENT R&M	6382								
218	MOTOR VEHICLE EQ. R&M	6384	12915		1018	11897	33.3	7.8	9,861-	76.3-
	CONSTRUCTION EQUIP R&M	6386	8500		520	7980	33.3	6.1	6,940-	81.6-
	AGRICULTURAL EQ. R&M	6387	700			700	33.3		700-	100.0-
	COMMUNICATION EQ. R&M	6390								
	CLEANING AND PAINTING	6392								
100	DISINFECT./EXTERMINATI	6394	1000		200	800	33.3	20.0	400-	40.0-
	SIGN PAINTING	6396								
	TOW IN CHARGES	6398	1100			1100	33.3		1,100-	100.0-
	OTHER REPAIRS AND MAIN	6399	1500			1500	33.3		1,500-	100.0-
318	REPR/MAINT-OUTSIDE L		39750		1738	38012	33.3	4.3	34,536-	86.8-
	RENTALS									
	MACHINERY RENT	6420	1550		1511	39	33.3	97.4	2,983	192.4
	CYLINDER RENT	6425								
266	UNIFORM RENT	6430	3500		1088	2412	33.3	31.0	236-	6.7-
63	MOP-MAT-RAG RENT	6435	1350		267	1083	33.3	19.7	548-	40.5-
329	RENTALS		6400		2867	3533	33.3	44.7	2,201	34.3
	OTHER SERVICES & CHARGE									
	THEFT LOSS	6818	10			10	33.3		10-	100.0-
	DUES AND MEMBERSHIPS	6840	290		165	125	33.3	56.8	205	70.6
	REGISTRATION FEE/TUITI	6845	300		250	50	33.3	83.3	450	150.0
	SERVICES NOT SPECIFIED	6999								
	OTHER SERVICES & CHA		600		415	185	33.3	69.1	645	107.5
1884	OTHER SERVICES & CHAR		61351		9429	51922	33.3	15.3	33,063-	53.8-
	LAND									
	LAND	7000	5000		1050	3950	33.3	21.0	1,850-	37.0-
	SITE IMPROVEMENT	7045	70000			70000	33.3		70,000-	100.0-
	LAND		75000		1050	73950	33.3	1.4	71,850-	95.8-
	BUILDING/BLD IMPROVEMEN									
	BUILDINGS	7100	3000			3000	33.3		3,000-	100.0-
	BUILDING IMPROVEMENTS	7150								
	HIGHLAND	7150 13								
	BUILDING IMPROVEMEN									
	BUILDING/BLD IMPROVE		3000			3000	33.3		3,000-	100.0-
	IMPROVEMENT OTHER THAN									
	FENCES/RAILINGS	7212								
	DRAINS	7215								
	STREETS & ROADWAYS	7230								
2955	LANDSCAPING	7250	3000		2955	45	33.3	98.5	5,865	195.5
	C & N TREE GRANT	7250 02								
2955	LANDSCAPING		3000		2955	45	33.3	98.5	5,865	195.5
	OTHER IMPROVEMENTS	7295								
2955	IMPROVEMENT OTHER TH		3000		2955	45	33.3	98.5	5,865	195.5
	MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325								
	AGRICULTURAL EQUIPMENT	7335	12000			12000	33.3		12,000-	100.0-
	CONSTRUCTION EQUIPMENT	7345								
	COMMUNICATION EQUIPMEN	7355								

	PIPE	7370							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM		12000			12000	33.3		12,000- 100.0-
	VEHICLES								
	AUTOMOBILES	7400							
	PICK UP TRUCKS	7420							
	DUMP TRUCKS	7440							
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	VEHICLES								
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2955	CAPITAL OUTLAY		93000		4005	88995	33.3 4.3		80,984- 87.0-
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70534	EXPENDITURES		1016859	1,190	249451	766217	33.3 24.5		268,505- 26.4-

001560 - GENERAL FUND-PARKING OPER.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
10152	REGULAR WAGES 4000	168420		41824	126596	33.3 24.8	42,948-	25.5-
	DISASTER RECOVERY WAGE 4010							
55	OVERTIME 4300	2100		359	1741	33.3 17.0	1,022-	48.6-
	DISASTER RECOVERY OVER 4310							
10208	SALARIES	170520		42183	128337	33.3 24.7	43,970-	25.7-
EMPLOYEE BENEFITS								
1240	STATE RETIREMENT 4600	26860		4990	21870	33.3 18.5	11,890-	44.2-
728	F.I.C.A. TAXES 4700	13050		3017	10033	33.3 23.1	3,998-	30.6-
1160	HOSPITALIZATION INS. 4800	23400		4640	18760	33.3 19.8	9,480-	40.5-
	UNEMPLOYMENT BENEFITS 4900	500			500	33.3	500-	100.0-
	WORKMAN'S COMPENSATION 4910	4000			4000	33.3	4,000-	100.0-
3129	EMPLOYEE BENEFITS	67810		12648	55162	33.3 18.6	29,866-	44.0-
13336	PERSONAL SERVICES	238330		54831	183499	33.3 23.0	73,836-	30.9-
OFFICE SUPPLIES								
	PAPER 5003							
	PRINTED FORMS 5005							
256	OTHER EXPENDABLE OFF.S 5010	600		261	339	33.3 43.5	183	30.5
	MINOR OFFICE EQUIP/FUR 5020	600			600	33.3	600-	100.0-
	COMPUTER SUPPLIES 5080							
256	OFFICE SUPPLIES	1200		261	939	33.3 21.7	416-	34.6-
OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100	300			300	33.3	300-	100.0-
	CHEMICALS 5130	50			50	33.3	50-	100.0-
13	GAS AND OIL 5250	1400		37	1363	33.3 2.6	1,288-	92.0-
129	WEARING APPAREL 5355	500		129	371	33.3 25.8	112-	22.4-
	HORT./LANDSCAPING SPLY 5440							
	MINOR EQUIPMENT 5460	2000		35	1966	33.3 1.7	1,894-	94.7-
	OTHER OPERATING MATL/S 5590	600		48	552	33.3 8.0	456-	76.0-
142	OPERATING SUPPLIES	4850		248	4602	33.3 5.1	4,106-	84.6-
REPAIR & MAINTENANCE SP								
372	ELECTRICAL SUPPLIES 5605	1500		372	1128	33.3 24.8	384-	25.6-
851	PAINT AND PAINTING SPL 5650	1020		851	169	33.3 83.4	1,533	150.2
	MTR VEHICLE REP. PTS/S 5700	280			280	33.3	280-	100.0-
1223	REPAIR & MAINTENANCE	2800		1223	1577	33.3 43.6	869	31.0
1620	SUPPLIES AND EXPENSES	8850		1732	7118	33.3 19.5	3,654-	41.2-
COMMUNICATIONS								
	TELEPHONE AND TELEGRAP 6060							
	POSTAGE 6070							
COMMUNICATIONS INSURANCE								

	PUBLIC LIAB/PROPERTY D	6255							
	AUTOMOBILE INSURANCE	6265							
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	INSURANCE								
	UTILITIES								
1187	ELECTRICITY	6305	16000	4416	11584	33.3	27.6	2,752-	17.2-
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1187	UTILITIES		16000	4416	11584	33.3	27.6	2,752-	17.2-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350	10000		10000	33.3		10,000-	100.0-
72	ELECTRICAL R&M	6355	100	72	28	33.3	72.0	116	116.0
	PLUMBING EQUIPMENT R&M	6357	500		500	33.3		500-	100.0-
	OFFICE EQUIPMENT R&M	6365							
195	FIXED EQUIPMENT R&M	6380	10000	195	9805	33.3	1.9	9,414-	94.1-
	MOTOR VEHICLE EQ. R&M	6384	2000	330	1670	33.3	16.5	1,010-	50.5-
	SIGN PAINTING	6396	500		500	33.3		500-	100.0-
	TOW IN CHARGES	6398	150		150	33.3		150-	100.0-
484	OTHER REPAIRS AND MAIN	6399	6000	1889	4111	33.3	31.4	332-	5.5-
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751	REPR/MAINT-OUTSIDE L		29250	2487	26763	33.3	8.5	21,788-	74.4-
	RENTALS								
2094	PARKING GARAGE/LOT REN	6402	25000	8149	16851	33.3	32.5	552-	2.2-
	OTHER RENT	6449	100		100	33.3		100-	100.0-
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2094	RENTALS		25100	8149	16951	33.3	32.4	652-	2.5-
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4032	OTHER SERVICES & CHAR		70350	15052	55298	33.3	21.3	25,194-	35.8-
	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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18989	EXPENDITURES		317530	71614	245916	33.3	22.5	102,688-	32.3-

002300 - PKS/REC-RECREATION MAINT. DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	PERCENT ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
51697	REGULAR WAGES 4000	844035		208270	635765	33.3	24.6	219,225-	25.9-
	DISASTER RECOVERY WAGE 4010								
155	OVERTIME 4300	35000		7919	27081	33.3	22.6	11,242-	32.1-
	DISASTER RECOVERY OVER 4310								
51852	SALARIES	879035		216189	662846	33.3	24.5	230,467-	26.2-
	EMPLOYEE BENEFITS								
8167	STATE RETIREMENT 4600	138450		34050	104400	33.3	24.5	36,300-	26.2-
3878	F.I.C.A. TAXES 4700	66810		16185	50625	33.3	24.2	18,254-	27.3-
16530	HOSPITALIZATION INS. 4800	249600		64670	184930	33.3	25.9	55,590-	22.2-
	UNEMPLOYMENT BENEFITS 4900	5000		235	4765	33.3	4.7	4,294-	85.8-
	WORKMAN'S COMPENSATION 4910	30000			30000	33.3		30,000-	100.0-
28575	EMPLOYEE BENEFITS	489860		115140	374720	33.3	23.5	144,440-	29.4-
80427	PERSONAL SERVICES	1368895		331329	1037566	33.3	24.2	374,907-	27.3-
	OFFICE SUPPLIES								
	PAPER 5003								
	PRINTED FORMS 5005								
378	OTHER EXPENDABLE OFF.S 5010	2300		796	1504	33.3	34.6	88	3.8
838	MINOR OFFICE EQUIP/FUR 5020	14364	705	838	12821	33.3	5.8	11,850-	82.4-
	PHOTO SUPPLIES 5040								
	BOOKS 5070								
	COMPUTER SUPPLIES 5080								
1216	OFFICE SUPPLIES	16664	705	1634	14325	33.3	9.8	11,762-	70.5-
	OPERATING SUPPLIES								
1589	CLEANING/JANITORIAL SP 5100	16000	1,035	3274	11691	33.3	20.4	6,178-	38.6-
	MEDICAL SUPPLIES 5120	400			400	33.3		400-	100.0-
195	CHEMICALS 5130	32000		6139	25861	33.3	19.1	13,582-	42.4-
3838	GAS AND OIL 5250	61000		20361	40639	33.3	33.3	83	.1
515	LUBRICANTS 5255	3000		1684	1316	33.3	56.1	2,052	68.4
15	DIESEL FUEL 5257	2500		141	2359	33.3	5.6	2,076-	83.0-
	WEARING APPAREL 5355	3000	194	1003	1803	33.3	33.4	9	.3
	ASPHALT & ASPHALT PROD 5400								
	CONCRETE, CEMENT, ETC. 5405	1000		255	745	33.3	25.5	234-	23.4-
200	SAND,CLAY,GRVL,FILL DI 5415	16500		691	15810	33.3	4.1	14,426-	87.4-
4285	HORT./LANDSCAPING SPLY 5440	47000	1,280	23458	22262	33.3	49.9	23,374	49.7
	HAND TOOLS 5450	3500		168	3333	33.3	4.8	2,996-	85.6-
	MINOR EQUIPMENT 5460	12600	395	200	12005	33.3	1.5	12,000-	95.2-
7-	RECREATIONAL SUPPLIES 5510	28000	2,563	7467	17970	33.3	26.6	5,598-	19.9-
	OTHER OPERATING MATL/S 5590	6000	555	2767	2678	33.3	46.1	2,301	38.3
	OTHER OPER.MATLS-KAB 5591	6000			6000	33.3		6,000-	100.0-
10631	OPERATING SUPPLIES	238500	6,022	67607	164871	33.3	28.3	35,678-	14.9-
	REPAIR & MAINTENANCE SP								
841	BUILDING MATERIALS & S 5600	52850	5,942	5786	41122	33.3	10.9	35,492-	67.1-
185	ELECTRICAL SUPPLIES 5605	25000	8,037	861	16102	33.3	3.4	22,416-	89.6-
1941	PLUMBING SUPPLIES 5610	8500	177	4710	3614	33.3	55.4	5,630	66.2

	STRUCTURAL STEEL & IRO	5620	500		500	33.3		500-	100.0-
1931	PAINT AND PAINTING SPL	5650	16000		8565	33.3	53.5	9,695	60.5
1550	MTR VEHICLE REP. PTS/S	5700	18000	564	5161	33.3	28.6	2,516-	13.9-
	COMMUNICATION REPAIR P	5750	1700		556	33.3	32.7	32-	1.8-
2639	AGRICLTRL REPAIR PTS/S	5755	35000	503	7622	33.3	21.7	12,134-	34.6-
	OTHER REPAIR/MAINT. SP	5990	1500		1500	33.3		1,500-	100.0-
	VANDALISM REPAIR PARTS	5992							
	REPR SPLY-8/29/05 STOR	5995	10000		541	33.3	5.4	8,376-	83.7-
9087	REPAIR & MAINTENANCE		169050	15,223	33802	33.3	19.9	67,644-	40.0-
20933	SUPPLIES AND EXPENSES		424214	21,950	103043	33.3	24.2	115,084-	27.1-
	PROFESSIONAL SERVICES								
6830	CONSULTANT SERV/SURVEY	6020	9904		6830	33.3	68.9	10,586	106.8
354	OTHER PROFESSIONAL SER	6049	28947	1,607	354	33.3	1.2	27,885-	96.3-
7184	PROFESSIONAL SERVICE		38851	1,607	7184	33.3	18.4	17,299-	44.5-
	COMMUNICATIONS								
220	TELEPHONE AND TELEGRAP	6060	2300		1164	33.3	50.6	1,192	51.8
	POSTAGE	6070	100		100	33.3		100-	100.0-
220	COMMUNICATIONS		2400		1164	33.3	48.5	1,092	45.5
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	450		450	33.3		450-	100.0-
780	FREIGHT	6120	5778	599	1741	33.3	30.1	554-	9.5-
780	TRANSPORTATION		6228	599	1741	33.3	27.9	1,004-	16.1-
	ADVERTISING								
	ADVERTISING	6150	3500		3500	33.3		3,500-	100.0-
	ADVERTISING		3500		3500	33.3		3,500-	100.0-
	PRINTING AND BINDING								
	PRINTING	6200	300		300	33.3		300-	100.0-
	PRINTING AND BINDING		300		300	33.3		300-	100.0-
	INSURANCE								
	PUBLIC LIAB/PROPERTY D	6255							
	AUTOMOBILE INSURANCE	6265							
	OTHER INSURANCE	6299							
	INSURANCE								
	UTILITIES								
	GAS	6300							
1344	ELECTRICITY	6305	15000		3720	33.3	24.8	3,840-	25.6-
1344	UTILITIES		15000		3720	33.3	24.8	3,840-	25.6-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350	32685	2,645	6870	33.3	21.0	12,075-	36.9-
	DISASTER REPAIRS	6351	100000		100000	33.3		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

	BUILDING R&M		132685	5,290	6870	123170	33.3	5.1	112,075-	84.4-
	8/29/05 STORM REPAIRS	6353								
	ELECTRICAL R&M	6355	14500		4765	9735	33.3	32.8	204-	1.4-
1691	PLUMBING EQUIPMENT R&M	6357	6175		6098	77	33.3	98.7	12,119	196.2
	STREETS & STRUCTURES R	6360	52850			52850	33.3		52,850-	100.0-
	OFFICE EQUIPMENT R&M	6365								
	FIXED EQUIPMENT R&M	6380	20700			20700	33.3		20,700-	100.0-
	MINOR EQUIPMENT R&M	6382								
1289	MOTOR VEHICLE EQ. R&M	6384	9000		2150	6850	33.3	23.8	2,550-	28.3-
816	AGRICULTURAL EQ. R&M	6387	16500		2757	13743	33.3	16.7	8,228-	49.8-
	COMMUNICATION EQ. R&M	6390	2000		1070	930	33.3	53.5	1,210	60.5
100	DISINFECT./EXTERMINATI	6394	1800		455	1345	33.3	25.2	434-	24.1-
207	SIGN PAINTING	6396	10000		312	9689	33.3	3.1	9,064-	90.6-
	TOW IN CHARGES	6398	750		375	375	33.3	50.0	375	50.0
	OTHER REPAIRS AND MAIN	6399	3000		2750	250	33.3	91.6	5,250	175.0
4102	REPR/MAINT-OUTSIDE L		269960	2,645	27601	239714	33.3	10.2	187,156-	69.3-
	RENTALS									
2496	MACHINERY RENT	6420	10850		7904	2946	33.3	72.8	12,862	118.5
	CYLINDER RENT	6425								
526	UNIFORM RENT	6430	6000		1935	4065	33.3	32.2	194-	3.2-
360	OTHER RENT	6449	15700	100-	4415	11385	33.3	28.1	2,454-	15.6-
3382	RENTALS		32550	100-	14255	18395	33.3	43.7	10,215	31.3
	OTHER SERVICES & CHARGE									
	DUES AND MEMBERSHIPS	6840	650			650	33.3		650-	100.0-
	REGISTRATION FEE/TUITI	6845	1800			1800	33.3		1,800-	100.0-
410	CUSTODIAL SERVICE	6870	3000		1340	1660	33.3	44.6	1,020	34.0
20612	SERVICES NOT SPECIFIED	6999	243623	12,383	29022	202218	33.3	11.9	156,557-	64.2-
21022	OTHER SERVICES & CHA		249073	12,383	30362	206328	33.3	12.1	157,987-	63.4-
38034	OTHER SERVICES & CHAR		617862	17,134	86027	514701	33.3	13.9	359,780-	58.2-
	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								
4115	PARK & PLAYGROUND LIGH	7240	150000		5818	144182	33.3	3.8	132,546-	88.3-
	SMOKEY HERRINGTON FIEL	7243								
	TRACKS	7244								
	JAYCEE BALLPK/WORLD SE	7248								

	LANDSCAPING	7250							
	MDOT-INTERCHANGE ENHA	7250 01							
	TREE RECOVERY (GRANT)	7250 02							
	DOWNTOWN LANDSCAPING	7250 03							
-----			-----	-----	-----	-----	-----	-----	-----
	LANDSCAPING								
	POOLS	7252							
	DAHMER POOL	7252 01	65000			65000	33.3		65,000- 100.0-
	REC CENTER POOL	7252 02							
	5TH STREET POOL	7252 03							
	CITY PARK-BUSCHMAN	7252 04							
	BEN MCNAIR POOL	7252 05							
-----			-----	-----	-----	-----	-----	-----	-----
	POOLS		65000			65000	33.3		65,000- 100.0-
	RECREATION IMPROVEMENT	7256							
	TATUM PARK	7256 01	140000			140000	33.3		140,000- 100.0-
1691	PEOPLE'S PARK-PALMERS	7256 03	150000		2925	147075	33.3	1.9	141,224- 94.1-
	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							
-----			-----	-----	-----	-----	-----	-----	-----
1691	RECREATION IMPROVEM		290000		2925	287075	33.3	1.0	281,224- 96.9-
	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							
-----			-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS								
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5806	IMPROVEMENT OTHER TH		505000		8743	496257	33.3	1.7	478,770- 94.8-
	MACHINERY AND EQUIPMENT								
	8/29/05 STORM EQUIP	7302							
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	AGRICULTURAL EQUIPMENT	7335	67500	7,154	24133	36213	33.3	35.7	4,899 7.2
	RECREATIONAL EQUIPMENT	7350							
	COMMUNICATION EQUIPMEN	7355							
	OTHER EQUIPMENT	7399							
-----			-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM		67500	7,154	24133	36213	33.3	35.7	4,899 7.2
	VEHICLES								
	BUSES	7410							
	PICK UP TRUCKS	7420							

-----	SPECIAL TRUCKS	7450	-----	-----	-----	-----	-----	-----	-----	
-----	VEHICLES		-----	-----	-----	-----	-----	-----	-----	
-----	5806	CAPITAL OUTLAY	572500	7,154	32876	532470	33.3	5.7	473,872-	82.7-
-----	145200	EXPENDITURES	2983471	46,238	553275	2383959	33.3	18.5	1,323,645-	44.3-

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

01/31/18

4 Months Ending 01/31/18

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	...PROJECTED....	
ACTUAL		OBJ/SUB	BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN	ACTUAL	OVER/UNDER %
	SALARIES								
12795	REGULAR WAGES	4000	347233		67335	279898	33.3	19.3	145,227- 41.8-
	DISASTER RECOVERY WAGE	4010							
3	OVERTIME	4300			11	11-			33
	DISASTER RECOVERY OVER	4310							
12798	SALARIES		347233		67347	279886	33.3	19.3	145,191- 41.8-
	EMPLOYEE BENEFITS								
2016	STATE RETIREMENT	4600	54700		10607	44093	33.3	19.3	22,878- 41.8-
937	F.I.C.A. TAXES	4700	26570		4965	21605	33.3	18.6	11,674- 43.9-
2320	HOSPITALIZATION INS.	4800	46800		12180	34620	33.3	26.0	10,260- 21.9-
	UNEMPLOYMENT BENEFITS	4900	500			500	33.3		500- 100.0-
	WORKMAN'S COMPENSATION	4910	15000			15000	33.3		15,000- 100.0-
5272	EMPLOYEE BENEFITS		143570		27752	115818	33.3	19.3	60,314- 42.0-
18071	PERSONAL SERVICES		490803		95099	395704	33.3	19.3	205,505- 41.8-
	OFFICE SUPPLIES								
258	PAPER	5003	1350		253	1097	33.3	18.7	590- 43.7-
	PRINTED FORMS	5005							
622	OTHER EXPENDABLE OFF.S	5010	2000	113	1333	554	33.3	66.6	1,999 99.9
	MINOR OFFICE EQUIP/FUR	5020							
	SUBSCRIPTIONS,MAGS,MAP	5050							
	BOOKS	5070							
	COMPUTER SUPPLIES	5080	8100			8100	33.3		8,100- 100.0-
880	OFFICE SUPPLIES		11450	113	1586	9751	33.3	13.8	6,692- 58.4-
	OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP	5100							
	HOUSEHOLD SUPPLIES	5110							
	FOOD	5115							
	MEDICAL SUPPLIES	5120	200			200	33.3		200- 100.0-
	CHEMICALS	5130	8500			8500	33.3		8,500- 100.0-
	SERVE-SAFE SUPPLIES	5155	200			200	33.3		200- 100.0-
94	GAS AND OIL	5250	9300		725	8575	33.3	7.7	7,124- 76.6-
	LUBRICANTS	5255							
	OTHER FUEL	5260							
200	WEARING APPAREL	5355	850	329	200	321	33.3	23.5	250- 29.4-
	CONCRETE, CEMENT, ETC.	5405							
	SAND,CLAY,GRVL,FILL DI	5415							
	HORT./LANDSCAPING SPLY	5440							
	MINOR EQUIPMENT	5460	5000			5000	33.3		5,000- 100.0-
9352	RECREATIONAL SUPPLIES	5510	60087	3,874	13748	42465	33.3	22.8	18,843- 31.3-
	MDSE FOR RESALE	5520							
	CERAMIC SUP.FOR RESALE	5521	1000			1000	33.3		1,000- 100.0-
	OTHER OPERATING MATL/S	5590							
9646	OPERATING SUPPLIES		85137	4,203	14673	66261	33.3	17.2	41,117- 48.2-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S	5600							

	ELECTRICAL SUPPLIES	5605							
	PLUMBING SUPPLIES	5610							
	STRUCTURAL STEEL & IRO	5620							
	PAINT AND PAINTING SPL	5650	200		200	33.3		200-	100.0-
722	MTR VEHICLE REP. PTS/S	5700	1200	21	722	457	33.3 60.1	966	80.5
	RECREATIONAL EQ. REP P	5765							
722	REPAIR & MAINTENANCE		1400	21	722	657	33.3 51.5	766	54.7
11249	SUPPLIES AND EXPENSES		97987	4,337	16982	76669	33.3 17.3	47,041-	48.0-
	PROFESSIONAL SERVICES								
	ARCHITECTURAL	6012							
	CONSULTANT SERV/SURVEY	6020							
	CONTRACTUAL PROGRAMS	6032							
	OFFICIALS	6034	89644		4908	84736	33.3 5.4	74,920-	83.5-
65448	OTHER PROFESSIONAL SER	6049	157708		89691	68017	33.3 56.8	111,365	70.6
65448	PROFESSIONAL SERVICE		247352		94599	152753	33.3 38.2	36,445	14.7
	COMMUNICATIONS								
	TELEPHONE AND TELEGRAP	6060	1760		60	1700	33.3 3.4	1,580-	89.7-
	POSTAGE	6070							
	COMMUNICATIONS		1760		60	1700	33.3 3.4	1,580-	89.7-
	TRANSPORTATION								
	TRAVEL EXPENSE	6110	650			650	33.3	650-	100.0-
	CONTRACT TRAVEL	6115							
1130	FREIGHT	6120	1500		1341	159	33.3 89.4	2,523	168.2
	MESSENGER/EXPRESS SERV	6130	500			500	33.3	500-	100.0-
1130	TRANSPORTATION		2650		1341	1309	33.3 50.6	1,373	51.8
	ADVERTISING								
	ADVERTISING	6150							
	ADVERTISING-SPEC. EVEN	6152	2940			2940	33.3	2,940-	100.0-
	ADVERTISING-SENIOR FAR	6154	1200	488	477	235	33.3 39.7	231	19.2
	ADVERTISING		4140	488	477	3175	33.3 11.5	2,708-	65.4-
	PRINTING AND BINDING								
	PRINTING	6200							
	FILM PROCESSING	6240							
	PRINTING AND BINDING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D	6255							
	BOILER MACHINERY	6260							
	OTHER INSURANCE	6299							
	INSURANCE								
	UTILITIES								
608	GAS	6300	4000		865	3135	33.3 21.6	1,404-	35.1-
11351	ELECTRICITY	6305	183500		53194	130306	33.3 28.9	23,918-	13.0-
11960	UTILITIES		187500		54059	133441	33.3 28.8	25,322-	13.5-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350	1000			1000	33.3	1,000-	100.0-
	ELECTRICAL R&M	6355							
	PLUMBING EQUIPMENT R&M	6357							
	OFFICE EQUIPMENT R&M	6365	1400			1400	33.3	1,400-	100.0-
	HOUSEHOLD EQUIPMENT R&	6370							

	FIXED EQUIPMENT R&M	6380							
	MINOR EQUIPMENT R&M	6382							
645	MOTOR VEHICLE EQ. R&M	6384	2000		645	1355	33.3	32.2	64- 3.2-
	RECREATIONAL EQ. R&M	6388							
	COMMUNICATION EQ. R&M	6390							
344	DISINFECT./EXTERMINATI	6394	2000		688	1312	33.3	34.4	64 3.2
	SIGN PAINTING	6396	400			400	33.3		400- 100.0-
	TOW IN CHARGES	6398							
	OTHER REPAIRS AND MAIN	6399							
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989	REPR/MAINT-OUTSIDE L		6800		1333	5467	33.3	19.6	2,800- 41.1-
	RENTALS								
	LAND RENT	6400							
	MACHINERY RENT	6420							
	CYLINDER RENT	6425							
	MOP-MAT-RAG-RENT	6435							
	OTHER RENT	6449	1100			1100	33.3		1,100- 100.0-
-----			-----	-----	-----	-----	-----	-----	-----
	RENTALS		1100			1100	33.3		1,100- 100.0-
	OTHER SERVICES & CHARGE								
279	PROP.TAX COLL. FEES .0	6830	7000		1133	5867	33.3	16.1	3,600- 51.4-
996	PROP.TAX COLL. FEES.00	6831	8000		1079	6921	33.3	13.4	4,762- 59.5-
	BANK SERV/TRF FEE	6832			21	21-			63
	DUES AND MEMBERSHIPS	6840	1000			1000	33.3		1,000- 100.0-
	REGISTRATION FEE/TUITI	6845	900			900	33.3		900- 100.0-
	CONTRACT COACHES	6852							
	DAY CAMP COUNSELORS	6855							
	CUSTODIAL SERVICE	6870							
	SERVICES NOT SPECIFIED	6999	200			200	33.3		200- 100.0-
-----			-----	-----	-----	-----	-----	-----	-----
1276	OTHER SERVICES & CHA		17100		2233	14867	33.3	13.0	10,400- 60.8-
-----			-----	-----	-----	-----	-----	-----	-----
80802	OTHER SERVICES & CHAR		468402	488	154102	313812	33.3	32.8	6,096- 1.3-
	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							
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	MACHINERY AND EQUIPM								
	VEHICLES								
	PICK UP TRUCKS	7420							
-----			-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----			-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY								
-----			-----	-----	-----	-----	-----	-----	-----
110121	EXPENDITURES		1057192	4,825	266183	786184	33.3	25.1	258,642- 24.4-

002341 - PKS/REC-KAMPER PARK ZOO DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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						
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EMPLOYEE BENEFITS								
-----		-----	-----	-----	-----	-----	-----	-----
PERSONAL SERVICES								
OFFICE SUPPLIES								
	PAPER	5003						
	PRINTED FORMS	5005						
	OTHER EXPENDABLE OFF.S	5010						
	MINOR OFFICE EQUIP/FUR	5020						
	PHOTO SUPPLIES	5040						
	SUBSCRIPTIONS,MAGS,MAP	5050						
	BOOKS	5070						
-----		-----	-----	-----	-----	-----	-----	-----
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

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	OTHER SERVICES & CHARGE						
272	PROP.TAX COLL. FEES .0 6830			1103	1103-		3,309
970	PROP.TAX COLL. FEES.00 6831			1050	1050-		3,150
-----		-----	-----	-----	-----	-----	-----
1242	OTHER SERVICES & CHA			2154	2154-		6,462
-----		-----	-----	-----	-----	-----	-----
1242	OTHER SERVICES & CHAR			2154	2154-		6,462
-----		-----	-----	-----	-----	-----	-----
1242	EXPENDITURES			2154	2154-		6,462

005160 - H.M.F.P.FUND-FIRE DIVISION

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

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	33.3	3,000-	100.0-
	PUBLIC EDUCATION MAT'L 5032							
-----		-----	-----	-----	-----	-----	-----	-----
	OFFICE SUPPLIES	3000			3000	33.3	3,000-	100.0-
	OPERATING SUPPLIES							
1328	GAS AND OIL 5250							
	WEARING APPAREL 5355	59873		13551	46322	33.3 22.6	19,219-	32.0-
	MINOR EQUIPMENT 5460	400			400	33.3	400-	100.0-
	MINOR FIRE FIGHTING EQ 5462	356			356	33.3	356-	100.0-
	HAZ.MAT SUPPLIES 5466							
	FIRE HOSE 5470	2088			2088	33.3	2,088-	100.0-
	SFTY/FIRE P/MATL CONTR 5535							
	OTHER OPER.MATLS-USM 5590	1500			1500	33.3	1,500-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
1328	OPERATING SUPPLIES	64217		13551	50666	33.3 21.1	23,563-	36.6-
	REPAIR & MAINTENANCE SP							
	MTR VEHICLE REP. PTS/S 5700							
	COMMUNICATION REPAIR P 5750	525			525	33.3	525-	100.0-
	MINOR COMPUTER EQUIP. 5800	2000			2000	33.3	2,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	REPAIR & MAINTENANCE	2525			2525	33.3	2,525-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
1328	SUPPLIES AND EXPENSES	69742		13551	56191	33.3 19.4	29,088-	41.7-
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER PROFESSIONAL SER 6049	5175		5100	75	33.3 98.5	10,125	195.6
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
-----		-----	-----	-----	-----	-----	-----	-----
	TRANSPORTATION							
	REPR/MAINT-OUTSIDE LABO							
	BUILDING R&M (USM) 6350	2500			2500	33.3	2,500-	100.0-
	MOTOR VEHICLE EQ. R&M 6384							
	COMMUNICATION EQ. R&M 6390							
-----		-----	-----	-----	-----	-----	-----	-----
	REPR/MAINT-OUTSIDE L	2500			2500	33.3	2,500-	100.0-
	OTHER SERVICES & CHARGE							
	BANK SERV/TRF FEE 6832							
	REGISTRATION FEE/TUITI 6845	17000		1106	15894	33.3 6.5	13,682-	80.4-
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA	17000		1106	15894	33.3 6.5	13,682-	80.4-
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR	24675		6206	18469	33.3 25.1	6,057-	24.5-
-----		-----	-----	-----	-----	-----	-----	-----
	LAND							
	LAND 7000							
-----		-----	-----	-----	-----	-----	-----	-----
	LAND							
	BUILDING/BLD IMPROVEMEN							
	BUILDINGS 7100							
	FIRE DRILL TOWER 7100 02	6000			6000	33.3	6,000-	100.0-

	FIRE STATIONS	7100 20	4500		4500	33.3		4,500-	100.0-
	BUILDINGS		10500		10500	33.3		10,500-	100.0-
	BUILDING IMPROVEMENTS	7150							
	FIRE STA IMPR-USM MON	7150 30							
	BUILDING IMPROVEMEN								
	BUILDING/BLD IMPROVE		10500		10500	33.3		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								
3914	FIRE FIGHTING	7315	246270	173722	72548	33.3	70.5	274,896	111.6
	HOUSEHOLD FURN/EQUIP.	7320	3000	2480	520	33.3	82.6	4,440	148.0
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327	13500	12424	1076	33.3	92.0	23,772	176.0
	AGRICULTURAL EQUIPMENT	7335							
	COMMUNICATION EQUIPMEN	7355	18000		18000	33.3		18,000-	100.0-
	COMMUNICATION EQ-USM	7356	20000	900-	20900	33.3	4.5	17,300-	86.5-
	HYDRANTS & METERS(USM)	7365							
	OTHER EQUIP-USM MONIES	7398							
	OTHER EQUIPMENT	7399	25120		25120	33.3		25,120-	100.0-
3914	MACHINERY AND EQUIPM		325890	187726	138164	33.3	57.6	237,288	72.8
	VEHICLES								
	AUTOMOBILES	7400							
	MOTORCYCLES	7405							
	BUSES	7410							
	PICK UP TRUCKS	7420	45000		45000	33.3		45,000-	100.0-
	HEAVY TRUCKS	7430							
	FIRE TRUCKS	7435	450000	444,291	5709	33.3		450,000-	100.0-
	VEHICLES		495000	444,291	50709	33.3		495,000-	100.0-
3914	CAPITAL OUTLAY		831390	444,291	187726	33.3	22.5	268,212-	32.2-
5242	EXPENDITURES		925807	444,291	207483	33.3	22.4	303,357-	32.7-

005460 - H.M.F.P.FUND-CAPITAL LEASES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	33.3	71,830- 100.0-
15782	FIRE TRUCKS LEASE-'16 8529	189940		47291	142649	33.3 24.8	48,066- 25.3-
	FIRE PROT.EQUIP.LEASE 8530						
14113	FIRE TRUCKS LEASE-'11 8532	141625		56261	85364	33.3 39.7	27,158 19.1
-----		-----	-----	-----	-----	-----	-----
29895	CAPITAL LEASE PAYMEN	403395		103552	299843	33.3 25.6	92,739- 22.9-
	INTEREST ON CAPITAL LEA						
	MDB-BLDG-FIRE STA #8 8615						
	FIRE TRUCKS LEASE-A'04 8627						
	FIRE TRUCKS LEASE-B'04 8628						
596	FIRE TRUCKS LEASE-'16 8629	6600		1842	4758	33.3 27.9	1,074- 16.2-
	FIRE PROT.EQUIP.LEASE 8630						
227	FIRE TRUCKS LEASE-'11 8632	1790		1101	689	33.3 61.5	1,513 84.5
-----		-----	-----	-----	-----	-----	-----
823	INTEREST ON CAPITAL	8390		2943	5447	33.3 35.0	439 5.2
-----		-----	-----	-----	-----	-----	-----
30718	DEBT SERVICE	411785		106494	305291	33.3 25.8	92,303- 22.4-
-----		-----	-----	-----	-----	-----	-----
30718	EXPENDITURES	411785		106494	305291	33.3 25.8	92,303- 22.4-

008201 - SPEC.ST.IMPR-STREET DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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						
	STREETS & STRUCTURES R 6360	75500	133,070		57570-	33.3	75,500- 100.0-
-----		-----	-----	-----	-----	-----	-----
	REPR/MAINT-OUTSIDE L	75500	133,070		57570-	33.3	75,500- 100.0-
-----		-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR	75500	133,070		57570-	33.3	75,500- 100.0-
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							

-----		-----	-----	-----	-----	-----	-----	-----
-----	CAPITAL OUTLAY	-----	-----	-----	-----	-----	-----	-----
-----	EXPENDITURES	75500	133,070		57570-	33.3	75,500-	100.0-

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
21128	REGULAR WAGES	4000	295100		87565	207535	33.3 29.6	32,404-	10.9-
	DISASTER RECOVERY WAGE	4010							
553	OVERTIME	4300	4500		1400	3100	33.3 31.1	300-	6.6-
	DISASTER RECOVERY OVER	4310							
21681	SALARIES		299600		88964	210636	33.3 29.6	32,708-	10.9-
	EMPLOYEE BENEFITS								
3415	STATE RETIREMENT	4600	47195		14012	33183	33.3 29.6	5,159-	10.9-
1618	F.I.C.A. TAXES	4700	22925		6647	16278	33.3 28.9	2,983-	13.0-
6091	HOSPITALIZATION INS.	4800	101400		26680	74720	33.3 26.3	21,360-	21.0-
	UNEMPLOYMENT BENEFITS	4900	500			500	33.3	500-	100.0-
	WORKMAN'S COMPENSATION	4910	4200			4200	33.3	4,200-	100.0-
11124	EMPLOYEE BENEFITS		176220		47339	128881	33.3 26.8	34,202-	19.4-
32805	PERSONAL SERVICES		475820		136303	339517	33.3 28.6	66,910-	14.0-
	OFFICE SUPPLIES								
1090	PAPER	5003	3000		1090	1910	33.3 36.3	270	9.0
	PRINTED FORMS	5005							
712	OTHER EXPENDABLE OFF.S	5010	3280		1221	2059	33.3 37.2	383	11.6
475	MINOR OFFICE EQUIP/FUR	5020	2100	396	613	1092	33.3 29.1	260-	12.3-
	BOOKS	5070							
2276	OFFICE SUPPLIES		8380	396	2924	5061	33.3 34.8	392	4.6
	OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP	5100	700		76	624	33.3 10.8	472-	67.4-
	MEDICAL SUPPLIES	5120							
775	GAS AND OIL	5250	12000		3258	8742	33.3 27.1	2,226-	18.5-
	LUBRICANTS	5255							
	CONCRETE, CEMENT, ETC.	5405							
583	HAND TOOLS	5450	3000		804	2196	33.3 26.8	588-	19.6-
	MINOR EQUIPMENT	5460	2100		279	1821	33.3 13.2	1,262-	60.0-
	METER LOCKS	5467	4700		2658	2042	33.3 56.5	3,274	69.6
420	OTHER OPERATING MATL/S	5590	1100	542	420	138	33.3 38.1	160	14.5
1777	OPERATING SUPPLIES		23600	542	7496	15562	33.3 31.7	1,112-	4.7-
	REPAIR & MAINTENANCE SP								
208	ELECTRICAL SUPPLIES	5605	2000		208	1792	33.3 10.4	1,376-	68.8-
54	MTR VEHICLE REP. PTS/S	5700	3116	118	558	2440	33.3 17.9	1,442-	46.2-
	COMMUNICATION REPAIR P	5750							
	OTHER REPAIR/MAINT. SP	5990	500			500	33.3	500-	100.0-
263	REPAIR & MAINTENANCE		5616	118	766	4732	33.3 13.6	3,318-	59.0-
4316	SUPPLIES AND EXPENSES		37596	1,056	11186	25355	33.3 29.7	4,038-	10.7-
	PROFESSIONAL SERVICES								
	AUDITING AND ACCOUNTIN	6010	25000			25000	33.3	25,000-	100.0-
	APPRAISAL	6017							

	LEGAL	6025							
	MEDICAL	6027							
1719	OTHER PROFESSIONAL SER	6049	24000		7682	16318	33.3	32.0	954- 3.9-
1719	PROFESSIONAL SERVICE		49000		7682	41318	33.3	15.6	25,954- 52.9-
	COMMUNICATIONS								
434	TELEPHONE AND TELEGRAP	6060	12900		2722	10178	33.3	21.1	4,734- 36.6-
	POSTAGE	6070	49900		10000	39900	33.3	20.0	19,900- 39.8-
434	COMMUNICATIONS		62800		12722	50078	33.3	20.2	24,634- 39.2-
	TRANSPORTATION								
38	FREIGHT	6120	500		38	462	33.3	7.6	386- 77.2-
38	TRANSPORTATION		500		38	462	33.3	7.6	386- 77.2-
	ADVERTISING								
	ADVERTISING	6150							
	ADVERTISING								
	PRINTING AND BINDING								
471	PRINTING	6200	4600		807	3793	33.3	17.5	2,178- 47.3-
471	PRINTING AND BINDING		4600		807	3793	33.3	17.5	2,178- 47.3-
	INSURANCE								
	AUTOMOBILE INSURANCE	6265							
	INSURANCE								
	UTILITIES								
327	GAS	6300	1200		403	797	33.3	33.5	9 .7
336	ELECTRICITY	6305	6000		1625	4375	33.3	27.0	1,124- 18.7-
663	UTILITIES		7200		2028	5172	33.3	28.1	1,116- 15.5-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M	6350	4000		362	3638	33.3	9.0	2,914- 72.8-
	OFFICE EQUIPMENT R&M	6365	5000		75	4925	33.3	1.5	4,774- 95.4-
	FIXED EQUIPMENT R&M	6380	800			800	33.3		800- 100.0-
1073	MOTOR VEHICLE EQ. R&M	6384	4000		3850	150	33.3	96.2	7,550 188.7
	COMMUNICATION EQ. R&M	6390	1000			1000	33.3		1,000- 100.0-
45	DISINFECT./EXTERMINATI	6394	900		90	810	33.3	10.0	630- 70.0-
	OTHER REPAIRS AND MAIN	6399	600		98	502	33.3	16.3	306- 51.0-
1118	REPR/MAINT-OUTSIDE L		16300		4475	11825	33.3	27.4	2,874- 17.6-
	RENTALS								
	BUILDING RENT	6405							
	OFFICE EQUIPMENT RENT	6410							
159	UNIFORM RENT	6430	1300		565	735	33.3	43.4	395 30.3
	MOP-MAT-RAG RENT	6435							
	OTHER RENT	6449							
159	RENTALS		1300		565	735	33.3	43.4	395 30.3
	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	33.3		1,100- 100.0-

-----	SERVICES NOT SPECIFIED 6999	4000	-----	-----	4000	33.3		4,000-	100.0-
-----	OTHER SERVICES & CHA	5100	-----	-----	5100	33.3		5,100-	100.0-
-----	4602 OTHER SERVICES & CHAR	146800		28317	118483	33.3	19.2	61,848-	42.1-
-----	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								
-----	41723 EXPENDITURES	660216	1,056	175806	483355	33.3	26.6	132,798-	20.1-

009672 - W&S O&M-WATER TRANSMISSION DIV

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
28181	REGULAR WAGES 4000	515417		134190	381227	33.3 26.0	112,847-	21.8-
	DISASTER RECOVERY WAGE 4010							
2253	OVERTIME 4300	28000		8607	19393	33.3 30.7	2,178-	7.7-
	DISASTER RECOVERY OVER 4310							
30434	SALARIES	543417		142797	400620	33.3 26.2	115,025-	21.1-
EMPLOYEE BENEFITS								
4793	STATE RETIREMENT 4600	85600		22526	63074	33.3 26.3	18,022-	21.0-
2276	F.I.C.A. TAXES 4700	41580		10755	30825	33.3 25.8	9,314-	22.4-
7250	HOSPITALIZATION INS. 4800	148200		34300	113900	33.3 23.1	45,300-	30.5-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	33.3	1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	16000			16000	33.3	16,000-	100.0-
14320	EMPLOYEE BENEFITS	292380		67581	224799	33.3 23.1	89,636-	30.6-
44754	PERSONAL SERVICES	835797		210378	625419	33.3 25.1	204,663-	24.4-
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							
2283	GAS AND OIL 5250	35000		12551	22449	33.3 35.8	2,653	7.5
	NATURAL GAS FUEL 5252							
	LUBRICANTS 5255							
71	DIESEL FUEL 5257	6000		563	5437	33.3 9.3	4,310-	71.8-
	WEARING APPAREL 5355	4000	511		3489	33.3	4,000-	100.0-
9501	ASPHALT & ASPHALT PROD 5400	10000	3,981	10579	4560-	33.3 105.7	21,737	217.3
	CONCRETE, CEMENT, ETC. 5405	2000			2000	33.3	2,000-	100.0-
	BRICK,STONE,MORTAR,ETC 5410	1000		4897	3897-	33.3 489.7	13,691	369.1
	SAND,CLAY,GRVL,FILL DI 5415	10000			10000	33.3	10,000-	100.0-
	HORT./LANDSCAPING SPLY 5440							
	HAND TOOLS 5450	7000		1695	5305	33.3 24.2	1,914-	27.3-
	MINOR EQUIPMENT 5460	2000			2000	33.3	2,000-	100.0-
	HYDRANT PARTS 5480							
	METER PARTS 5485	2000			2000	33.3	2,000-	100.0-
	VALVE PARTS 5490							
	PUMPING EQUIPMENT PART 5495							
7	OTHER OPERATING MATL/S 5590	2000		1232	768	33.3 61.6	1,696	84.8
11862	OPERATING SUPPLIES	81000	4,492	31518	44990	33.3 38.9	13,554	16.7
REPAIR & MAINTENANCE SP								
BUILDING MATERIALS & S 5600								

		ELECTRICAL SUPPLIES	5605								
38		PLUMBING SUPPLIES	5610	125000	11,268	35851	77882	33.3	28.6	17,446-	13.9-
		STRUCTURAL STEEL & IRO	5620								
		PAINT AND PAINTING SPL	5650	1500			1500	33.3		1,500-	100.0-
1932		MTR VEHICLE REP. PTS/S	5700	15000	2,718	5030	7253	33.3	33.5	90	.6
		COMMUNICATION REPAIR P	5750								
		EXPENDABLE WELDING SPL	5770								
		OTHER REPAIR/MAINT. SP	5990	4000		65	3935	33.3	1.6	3,804-	95.1-
		DISASTER REPAIR SUPPLI	5995								
-----				-----	-----	-----	-----	-----	-----	-----	-----
1970		REPAIR & MAINTENANCE		145500	13,986	40945	90569	33.3	28.1	22,664-	15.5-
-----				-----	-----	-----	-----	-----	-----	-----	-----
13832		SUPPLIES AND EXPENSES		226500	18,478	72463	135559	33.3	31.9	9,110-	4.0-
		PROFESSIONAL SERVICES									
		ENGINEERING	6015								
		ABSTRACTING & RECORDIN	6023								
		MEDICAL	6027								
		OTHER PROFESSIONAL SER	6049								
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		PROFESSIONAL SERVICE									
		COMMUNICATIONS									
		POSTAGE	6070								
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		COMMUNICATIONS									
		TRANSPORTATION									
		TRAVEL EXPENSE	6110								
		FREIGHT	6120								
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		TRANSPORTATION									
		ADVERTISING									
		ADVERTISING	6150								
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		ADVERTISING									
		PRINTING AND BINDING									
		PRINTING	6200								
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		PRINTING AND BINDING									
		INSURANCE									
		PUBLIC LIAB/PROPERTY D	6255								
		AUTOMOBILE INSURANCE	6265								
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		INSURANCE									
		REPR/MAINT-OUTSIDE LABO									
		BUILDING R&M	6350								
		DISASTER REPAIRS	6351								
		ELECTRICAL R&M	6355								
		PLUMBING EQUIPMENT R&M	6357								
		STREETS & STRUCTURES R	6360	1025515		365003	660512	33.3	35.5	69,494	6.7
		FIXED EQUIPMENT R&M	6380								
		MINOR EQUIPMENT R&M	6382								
240		MOTOR VEHICLE EQ. R&M	6384	10000	380	3862	5759	33.3	38.6	1,586	15.8
		CONSTRUCTION EQUIP R&M	6386	6000		1699	4301	33.3	28.3	902-	15.0-
		COMMUNICATION EQ. R&M	6390								
		TOW IN CHARGES	6398	1000			1000	33.3		1,000-	100.0-
1104		OTHER REPAIRS AND MAIN	6399	1104		1104		33.3	100.0	2,208	200.0
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1344		REPR/MAINT-OUTSIDE L		1043619	380	371668	671572	33.3	35.6	71,385	6.8
		RENTALS									

	MACHINERY RENT	6420	1500		1500	33.3		1,500-	100.0-
	CYLINDER RENT	6425							
651	UNIFORM RENT	6430	4500	1839	2661	33.3	40.8	1,017	22.6
	OTHER RENT	6449	2896		2896	33.3		2,896-	100.0-
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651	RENTALS		8896	1839	7057	33.3	20.6	3,378-	37.9-
	OTHER SERVICES & CHARGE								
	SETTLEMENT OF DAMAGE CLA	6700							
	DUES AND MEMBERSHIPS	6840							
	REGISTRATION FEE/TUITI	6845							
	SERVICES NOT SPECIFIED	6999							
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	OTHER SERVICES & CHA								
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1995	OTHER SERVICES & CHAR		1052515	380	373507	678628	33.3 35.4	68,006	6.4
	LEASEHOLDS	7020							
	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS	7150							
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	BUILDING/BLD IMPROVE								
	IMPROVEMENT OTHER THAN								
	OTHER IMPROVEMENTS	7295							
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	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							
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	VEHICLES								
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	CAPITAL OUTLAY								
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60581	EXPENDITURES		2114812	18,858	656348	1439607	33.3 31.0	145,768-	6.8-

009673 - W&S O&M-WATER PLANT DIVISION

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	SALARIES						
29496	REGULAR WAGES 4000	415420		114522	300898	33.3 27.5	71,854- 17.2-
	DISASTER RECOVERY WAGE 4010						
3034	OVERTIME 4300	18000		7981	10019	33.3 44.3	5,943 33.0
	DISASTER RECOVERY OVER 4310						
32530	SALARIES	433420		122503	310917	33.3 28.2	65,910- 15.2-
	EMPLOYEE BENEFITS						
5123	STATE RETIREMENT 4600	68270		19294	48976	33.3 28.2	10,388- 15.2-
2416	F.I.C.A. TAXES 4700	33160		9083	24077	33.3 27.3	5,910- 17.8-
8701	HOSPITALIZATION INS. 4800	124800		33930	90870	33.3 27.1	23,010- 18.4-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	33.3	1,000- 100.0-
	WORKMAN'S COMPENSATION 4910	8000			8000	33.3	8,000- 100.0-
16241	EMPLOYEE BENEFITS	235230		62308	172922	33.3 26.4	48,306- 20.5-
48771	PERSONAL SERVICES	668650		184810	483840	33.3 27.6	114,220- 17.0-
	OFFICE SUPPLIES						
	PAPER 5003	200			200	33.3	200- 100.0-
	PRINTED FORMS 5005	2500			2500	33.3	2,500- 100.0-
122	OTHER EXPENDABLE OFF.S 5010	3000		341	2659	33.3 11.3	1,976- 65.8-
	MINOR OFFICE EQUIP/FUR 5020	100			100	33.3	100- 100.0-
	SUBSCRIPTIONS,MAGS,MAP 5050						
	BOOKS 5070						
	COMPUTER SUPPLIES 5080	500			500	33.3	500- 100.0-
122	OFFICE SUPPLIES	6300		341	5959	33.3 5.4	5,276- 83.7-
	OPERATING SUPPLIES						
532	CLEANING/JANITORIAL SP 5100	2500		1123	1377	33.3 44.9	869 34.7
	FOOD 5115						
	MEDICAL SUPPLIES 5120						
13620	CHEMICALS 5130	75000	16,948	21762	36290	33.3 29.0	9,714- 12.9-
394	GAS AND OIL 5250	7000		1315	5685	33.3 18.7	3,054- 43.6-
	LUBRICANTS 5255						
274	DIESEL FUEL 5257	5000		3428	1572	33.3 68.5	5,284 105.6
	OTHER FUEL 5260	500		72	428	33.3 14.4	284- 56.8-
	WEARING APPAREL 5355	100	50		50	33.3	100- 100.0-
	CONCRETE, CEMENT, ETC. 5405						
	SAND,CLAY,GRVL,FILL DI 5415						
	DRAINAGE PIPE & CULVER 5420						
	HORT./LANDSCAPING SPLY 5440						
	HAND TOOLS 5450	500			500	33.3	500- 100.0-
1345	MINOR EQUIPMENT 5460	2000		1691	310	33.3 84.5	3,073 153.6
	METER PARTS 5485						
	VALVE PARTS 5490						
	PUMPING EQUIPMENT PART 5495	10000		6255	3745	33.3 62.5	8,765 87.6
29	OTHER OPERATING MATL/S 5590	5000		154	4846	33.3 3.0	4,538- 90.7-
16193	OPERATING SUPPLIES	107600	16,998	35800	54802	33.3 33.2	200- .1-
	REPAIR & MAINTENANCE SP						

25	BUILDING MATERIALS & S	5600	5000		465	4535	33.3	9.3	3,604-	72.0-
	ELECTRICAL SUPPLIES	5605	7000	3,838	1160	2002	33.3	16.5	3,520-	50.2-
39	PLUMBING SUPPLIES	5610	2000	16	614	1370	33.3	30.7	158-	7.9-
	STRUCTURAL STEEL & IRO	5620								
	PAINT AND PAINTING SPL	5650	2000			2000	33.3		2,000-	100.0-
393	MTR VEHICLE REP. PTS/S	5700	4000	331	1212	2457	33.3	30.3	364-	9.1-
	GENERATOR REP. PTS/SPL	5705	7000			7000	33.3		7,000-	100.0-
	COMMUNICATION REPAIR P	5750								
	AGRICLTRL REPAIR PTS/S	5755	3000			3000	33.3		3,000-	100.0-
	MINOR COMPUTER EQUIP.	5800								
	OTHER REPAIR/MAINT. SP	5990	14000	567	198	13235	33.3	1.4	13,406-	95.7-
	DISASTER REPAIR SUPPLI	5995								
457	REPAIR & MAINTENANCE		44000	4,752	3650	35599	33.3	8.2	33,050-	75.1-
16772	SUPPLIES AND EXPENSES		157900	21,750	39791	96360	33.3	25.2	38,526-	24.3-
	PROFESSIONAL SERVICES									
	ENGINEERING	6015								
	CONSULTANT SERV/SURVEY	6020								
128	OTHER PROFESSIONAL SER	6049	60000	4,550	3187	52263	33.3	5.3	50,438-	84.0-
128	PROFESSIONAL SERVICE		60000	4,550	3187	52263	33.3	5.3	50,438-	84.0-
	COMMUNICATIONS									
755	TELEPHONE AND TELEGRAP	6060	3000		755	2245	33.3	25.1	734-	24.4-
	POSTAGE	6070	2500		1962	538	33.3	78.4	3,386	135.4
755	COMMUNICATIONS		5500		2718	2782	33.3	49.4	2,654	48.2
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	2000			2000	33.3		2,000-	100.0-
	FREIGHT	6120	1000	70	247	683	33.3	24.7	258-	25.8-
	MESSENGER/EXPRESS SERV	6130								
	TRANSPORTATION		3000	70	247	2683	33.3	8.2	2,258-	75.2-
	ADVERTISING									
	ADVERTISING	6150								
	ADVERTISING									
	PRINTING AND BINDING									
	PRINTING	6200								
	PRINTING AND BINDING									
	INSURANCE									
	BOILER MACHINERY	6260								
	SURETY AND FORGERY BON	6270								
	INSURANCE									
	UTILITIES									
480	GAS	6300	4000		1041	2959	33.3	26.0	876-	21.9-
50583	ELECTRICITY	6305	710000		219509	490491	33.3	30.9	51,472-	7.2-
51063	UTILITIES		714000		220550	493450	33.3	30.8	52,350-	7.3-
	REPR/MAINT-OUTSIDE LABO									
	BUILDING R&M	6350	100000		9755	90245	33.3	9.7	70,734-	70.7-
	DISASTER REPAIRS	6351	50000	70	16280	33650	33.3	32.5	1,160-	2.3-
	ELECTRICAL R&M	6355	35000	7,468	9519	18013	33.3	27.1	6,442-	18.4-
	PLUMBING EQUIPMENT R&M	6357	1000	8		992	33.3		1,000-	100.0-
	OFFICE EQUIPMENT R&M	6365								
	FIXED EQUIPMENT R&M	6380	150000	46,121	9857	94021	33.3	6.5	120,428-	80.2-

	MINOR EQUIPMENT R&M	6382	4000		35	3965	33.3	.8	3,894-	97.3-
	GENERATOR R&M	6383	70500		6118	64383	33.3	8.6	52,146-	73.9-
224	MOTOR VEHICLE EQ. R&M	6384	5000	584	884	3532	33.3	17.6	2,348-	46.9-
	CONSTRUCTION EQUIP R&M	6386								
	AGRICULTURAL EQ. R&M	6387	1000		123	877	33.3	12.3	630-	63.0-
	COMMUNICATION EQ. R&M	6390	1000			1000	33.3		1,000-	100.0-
148	DISINFECT./EXTERMINATI	6394	1000		296	704	33.3	29.6	112-	11.2-
478	OTHER REPAIRS AND MAIN	6399	11154		1371	9783	33.3	12.2	7,040-	63.1-
850	REPR/MAINT-OUTSIDE L		429654	54,251	54237	321166	33.3	12.6	266,942-	62.1-
	RENTALS									
	OFFICE EQUIPMENT RENT	6410								
	MACHINERY RENT	6420								
	CYLINDER RENT	6425								
310	UNIFORM RENT	6430	3000		822	2178	33.3	27.4	534-	17.8-
84	MOP-MAT-RAG RENT	6435	1000		251	749	33.3	25.1	246-	24.6-
	OTHER RENT	6449	6000			6000	33.3		6,000-	100.0-
393	RENTALS		10000		1073	8927	33.3	10.7	6,780-	67.8-
	OTHER SERVICES & CHARGE									
	BANK SERV/TRF FEE	6832								
	DUES AND MEMBERSHIPS	6840	1000			1000	33.3		1,000-	100.0-
	REGISTRATION FEE/TUITI	6845	2000		150	1850	33.3	7.5	1,550-	77.5-
	CUSTODIAL SERVICE	6870	4500			4500	33.3		4,500-	100.0-
	PROPERTY TAXES	6995								
	SERVICES NOT SPECIFIED	6999	2000			2000	33.3		2,000-	100.0-
	OTHER SERVICES & CHA		9500		150	9350	33.3	1.5	9,050-	95.2-
53190	OTHER SERVICES & CHAR		1231654	58,871	282162	890621	33.3	22.9	385,168-	31.2-
	BUILDING/BLD IMPROVEMEN									
	BUILDING IMPROVEMENTS	7150								
	W&S WAREHOUSE IMPROVE	7150 11	67000			67000	33.3		67,000-	100.0-
	WATER PLANT RENOVATIO	7150 17								
	ELEVATOR	7150 24								
	BUILDING IMPROVEMEN		67000			67000	33.3		67,000-	100.0-
	BUILDING/BLD IMPROVE		67000			67000	33.3		67,000-	100.0-
	IMPROVEMENT OTHER THAN									
	FENCES/RAILINGS	7212								
	LANDSCAPING	7250								
	OTHER IMPROVEMENTS	7295								
	IMPROVEMENT OTHER TH									
	MACHINERY AND EQUIPMENT									
	OFFICE FURN/EQUIP.	7325								
	DATA PROCESSING EQUIP.	7327								
	WATER UTILITY SOFTWARE	7329								
	AGRICULTURAL EQUIPMENT	7335	10000		9832	168	33.3	98.3	19,496	194.9
	PLANT EQUIPMENT	7340								
	COMMUNICATION EQUIPMEN	7355								
	HYDRANTS & METERS	7365								
	OTHER EQUIPMENT	7399								
	MACHINERY AND EQUIPM		10000		9832	168	33.3	98.3	19,496	194.9
	VEHICLES									
	AUTOMOBILES	7400								

	PICK UP TRUCKS	7420							
	VEHICLES								
	CAPITAL OUTLAY	77000		9832	67168	33.3	12.7	47,504-	61.6-
118733	EXPENDITURES	2135204	80,621	516595	1537989	33.3	24.1	585,418-	27.4

009676 - W&S O&M-SEWER DIVISION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES									
25753	REGULAR WAGES 4000	415422		107279	308143	33.3	25.8	93,584-	22.5-
	DISASTER RECOVERY WAGE 4010								
2386	OVERTIME 4300	32000		7255	24745	33.3	22.6	10,234-	31.9-
	DISASTER RECOVERY OVER 4310								

28139	SALARIES	447422		114534	332888	33.3	25.5	103,820-	23.2-
EMPLOYEE BENEFITS									
4432	STATE RETIREMENT 4600	70470		18039	52431	33.3	25.5	16,352-	23.2-
2138	F.I.C.A. TAXES 4700	34230		8695	25535	33.3	25.4	8,144-	23.7-
6960	HOSPITALIZATION INS. 4800	124800		30160	94640	33.3	24.1	34,320-	27.5-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	33.3		1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	16500			16500	33.3		16,500-	100.0-

13530	EMPLOYEE BENEFITS	247000		56894	190106	33.3	23.0	76,318-	30.8-

41669	PERSONAL SERVICES	694422		171428	522994	33.3	24.6	180,138-	25.9-

OPERATING SUPPLIES									
	CLEANING/JANITORIAL SP 5100								
	HOUSEHOLD SUPPLIES 5110								
	MEDICAL SUPPLIES 5120								
6203	CHEMICALS 5130	165000	6,203	31779	127019	33.3	19.2	69,662-	42.2-
463	GAS AND OIL 5250	10000		1859	8141	33.3	18.5	4,422-	44.2-
	LUBRICANTS 5255								
536	DIESEL FUEL 5257	15000		2792	12208	33.3	18.6	6,624-	44.1-
	OTHER FUEL 5260								
114	WEARING APPAREL 5355	3000		114	2886	33.3	3.8	2,658-	88.6-
	ASPHALT & ASPHALT PROD 5400	10000		592	9408	33.3	5.9	8,224-	82.2-
	CONCRETE, CEMENT, ETC. 5405	1000		166	834	33.3	16.6	502-	50.2-
	BRICK,STONE,MORTAR,ETC 5410								
	SAND,CLAY,GRVL,FILL DI 5415	15000	5,980		9020	33.3		15,000-	100.0-
	DRAINAGE PIPE & CULVER 5420								
	HORT./LANDSCAPING SPLY 5440	500			500	33.3		500-	100.0-
	HAND TOOLS 5450	7500		432	7068	33.3	5.7	6,204-	82.7-
200	MINOR EQUIPMENT 5460	5000	441	200	4359	33.3	4.0	4,400-	88.0-
30	PUMPING EQUIPMENT PART 5495	100		30	70	33.3	30.0	10-	10.0-
	OTHER OPERATING MATL/S 5590	6000	158	167	5675	33.3	2.7	5,498-	91.6-

7545	OPERATING SUPPLIES	238100	12,782	38131	187188	33.3	16.0	123,706-	51.9-
REPAIR & MAINTENANCE SP									
1968	BUILDING MATERIALS & S 5600	2000		1968	32	33.3	98.4	3,904	195.2
	ELECTRICAL SUPPLIES 5605	2500	981		1519	33.3		2,500-	100.0-
4815	PLUMBING SUPPLIES 5610	30000	434	9162	20404	33.3	30.5	2,514-	8.3-
	STRUCTURAL STEEL & IRO 5620								
	PAINT AND PAINTING SPL 5650	500			500	33.3		500-	100.0-
2865	MTR VEHICLE REP. PTS/S 5700	23500	4,563	6159	12778	33.3	26.2	5,022-	21.3-
	COMMUNICATION REPAIR P 5750								
	AGRICLTRL REPAIR PTS/S 5755								
	EXPENDABLE WELDING SPL 5770								
	OTHER REPAIR/MAINT. SP 5990	2000	261		1739	33.3		2,000-	100.0-

	DISASTER REPAIR SUPPLI	5995	40000		7936	32064	33.3	19.8	16,192-	40.4-
9648	REPAIR & MAINTENANCE		100500	6,239	25225	69037	33.3	25.0	24,824-	24.7-
17193	SUPPLIES AND EXPENSES		338600	19,021	63355	256225	33.3	18.7	148,534-	43.8-
	PROFESSIONAL SERVICES									
	LEGAL	6025								
87	OTHER PROFESSIONAL SER	6049	2000	602	87	1310	33.3	4.3	1,738-	86.9-
87	PROFESSIONAL SERVICE		2000	602	87	1310	33.3	4.3	1,738-	86.9-
	COMMUNICATIONS									
	TELEPHONE AND TELEGRAP	6060								
	POSTAGE	6070								
	COMMUNICATIONS									
	TRANSPORTATION									
	TRAVEL EXPENSE	6110	1200		1132	68	33.3	94.3	2,196	183.0
	FREIGHT	6120	600		20	580	33.3	3.3	540-	90.0-
	TRANSPORTATION		1800		1152	648	33.3	64.0	1,656	92.0
	ADVERTISING									
	ADVERTISING	6150								
	ADVERTISING									
	INSURANCE									
	PUBLIC LIAB/PROPERTY D	6255								
	BOILER MACHINERY	6260								
	AUTOMOBILE INSURANCE	6265								
	INSURANCE									
	UTILITIES									
13	GAS	6300	200		53	147	33.3	26.5	40-	20.0-
7668	ELECTRICITY	6305	80000		28721	51279	33.3	35.9	6,163	7.7
7681	UTILITIES		80200		28774	51426	33.3	35.8	6,122	7.6
	REPR/MAINT-OUTSIDE LABO									
	DISASTER REPAIRS	6351								
	ELECTRICAL R&M	6355	5000		381	4619	33.3	7.6	3,856-	77.1-
	PLUMBING EQUIPMENT R&M	6357								
169405	STREETS & STRUCTURES R	6360	1176457	2,311-	772114	406653	33.3	65.6	1,139,885	96.8
	FIXED EQUIPMENT R&M	6380	2000			2000	33.3		2,000-	100.0-
	MINOR EQUIPMENT R&M	6382	2500			2500	33.3		2,500-	100.0-
163	MOTOR VEHICLE EQ. R&M	6384	35000	1,124	2456	31420	33.3	7.0	27,632-	78.9-
	CONSTRUCTION EQUIP R&M	6386	20000	2,820	27	17153	33.3	.1	19,918-	99.5-
	AGRICULTURAL EQ. R&M	6387								
	COMMUNICATION EQ. R&M	6390	2000			2000	33.3		2,000-	100.0-
	TOW IN CHARGES	6398	2000			2000	33.3		2,000-	100.0-
	OTHER REPAIRS AND MAIN	6399								
169567	REPR/MAINT-OUTSIDE L		1244957	1,633	774978	468346	33.3	62.2	1,079,977	86.7
	RENTALS									
	AUTOMOTIVE EQ. RENT	6415								
	MACHINERY RENT	6420	5000			5000	33.3		5,000-	100.0-
	CYLINDER RENT	6425								
294	UNIFORM RENT	6430	3500		907	2593	33.3	25.9	778-	22.2-
	OTHER RENT	6449	2500			2500	33.3		2,500-	100.0-
294	RENTALS		11000		907	10093	33.3	8.2	8,278-	75.2-

	OTHER SERVICES & CHARGE								
	REGISTRATION FEE/TUITI 6845	1000			1000	33.3		1,000-	100.0-
	SERVICES NOT SPECIFIED 6999								
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	OTHER SERVICES & CHA	1000			1000	33.3		1,000-	100.0-
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177630	OTHER SERVICES & CHAR	1340957	2,235	805897	532824	33.3	60.0	1,076,734	80.2
	BUILDING/BLD IMPROVEMEN								
	BUILDINGS 7100								
	SEWER MAINT. BLDG. 7100 09								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	BUILDINGS								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	BUILDING/BLD IMPROVE								
	IMPROVEMENT OTHER THAN								
	BRIDGES 7210								
	FENCES/RAILINGS 7212								
	DRAINS 7215								
	SEWERS 7220								
	STREETS & ROADWAYS 7230								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	ENGINEERING 7305								
	DATA PROCESSING EQUIP. 7327								
	AGRICULTURAL EQUIPMENT 7335								
	PLANT EQUIPMENT 7340								
	CONSTRUCTION EQUIPMENT 7345								
	COMMUNICATION EQUIPMEN 7355								
	PIPE 7370								
	OTHER EQUIPMENT 7399	15000	11,830		3170	33.3		15,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM	15000	11,830		3170	33.3		15,000-	100.0-
	VEHICLES								
	AUTOMOBILES 7400								
	PICK UP TRUCKS 7420								
	DUMP TRUCKS 7440								
	SPECIAL TRUCKS 7450								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	15000	11,830		3170	33.3		15,000-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
236492	EXPENDITURES	2388979	33,086	1040681	1315213	33.3	43.5	733,064	30.6

009677 - W&S O&M-SEWER LAGOON DIV.

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES								
8738	REGULAR WAGES 4000	149729		35667	114062	33.3	23.8	42,727-	28.5-
	DISASTER RECOVERY WAGE 4010								
384	OVERTIME 4300	20000		1833	18167	33.3	9.1	14,500-	72.5-
	DISASTER RECOVERY OVER 4310								
9122	SALARIES	169729		37501	132228	33.3	22.0	57,225-	33.7-
	EMPLOYEE BENEFITS								
1437	STATE RETIREMENT 4600	26740		5906	20834	33.3	22.0	9,022-	33.7-
668	F.I.C.A. TAXES 4700	12990		2748	10242	33.3	21.1	4,746-	36.5-
1455	HOSPITALIZATION INS. 4800	54600		6400	48200	33.3	11.7	35,400-	64.8-
	UNEMPLOYMENT BENEFITS 4900	1000			1000	33.3		1,000-	100.0-
	WORKMAN'S COMPENSATION 4910	6100			6100	33.3		6,100-	100.0-
3559	EMPLOYEE BENEFITS	101430		15054	86376	33.3	14.8	56,268-	55.4-
12681	PERSONAL SERVICES	271159		52555	218604	33.3	19.3	113,493-	41.8-
	OFFICE SUPPLIES								
	OPERATING SUPPLIES								
	CLEANING/JANITORIAL SP 5100								
	MEDICAL SUPPLIES 5120	500			500	33.3		500-	100.0-
22009	CHEMICALS 5130	160000		54201	105799	33.3	33.8	2,603	1.6
835	GAS AND OIL 5250	10000		3105	6895	33.3	31.0	684-	6.8-
	LUBRICANTS 5255	4000			4000	33.3		4,000-	100.0-
	DIESEL FUEL 5257	5000		41	4959	33.3	.8	4,876-	97.5-
	OTHER FUEL 5260								
194	WEARING APPAREL 5355	500		194	306	33.3	38.8	82	16.4
	CONCRETE, CEMENT, ETC. 5405								
	SAND, CLAY, GRVL, FILL DI 5415								
	HAND TOOLS 5450	1000			1000	33.3		1,000-	100.0-
	MINOR EQUIPMENT 5460	5000			5000	33.3		5,000-	100.0-
	METER PARTS 5485								
	VALVE PARTS 5490								
	PUMPING EQUIPMENT PART 5495	150000		3094	146906	33.3	2.0	140,718-	93.8-
	OTHER OPERATING MATL/S 5590	4000	438		3562	33.3		4,000-	100.0-
23038	OPERATING SUPPLIES	340000	438	60635	278927	33.3	17.8	158,094-	46.4-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	100			100	33.3		100-	100.0-
2060	ELECTRICAL SUPPLIES 5605	25000	2,573	3798	18629	33.3	15.1	13,606-	54.4-
76	PLUMBING SUPPLIES 5610	3000		76	2924	33.3	2.5	2,772-	92.4-
	STRUCTURAL STEEL & IRO 5620								
	PAINT AND PAINTING SPL 5650								
	MTR VEHICLE REP. PTS/S 5700	6000	1,105	76	4819	33.3	1.2	5,772-	96.2-
	COMMUNICATION REPAIR P 5750								
	EXPENDABLE WELDING SPL 5770								
	OTHER REPAIR/MAINT. SP 5990								
	DISASTER REPAIR SUPPLI 5995								
2137	REPAIR & MAINTENANCE	34100	3,678	3951	26471	33.3	11.5	22,246-	65.2-

25175	SUPPLIES AND EXPENSES	374100	4,116	64586	305398	33.3	17.2	180,342-	48.2-
	PROFESSIONAL SERVICES								
	CONSULTANT SERV/SURVEY 6020								
	LEGAL 6025	500000			500000	33.3		500,000-	100.0-
	MEDICAL 6027								
1316	OTHER PROFESSIONAL SER 6049	50000		16497	33503	33.3	32.9	508-	1.0-
1316	PROFESSIONAL SERVICE	550000		16497	533503	33.3	2.9	500,508-	91.0-
	TRANSPORTATION								
	TRAVEL EXPENSE 6110	2000			2000	33.3		2,000-	100.0-
	FREIGHT 6120	500	90	17	393	33.3	3.4	448-	89.6-
	MESSENGER/EXPRESS SERV 6130								
	TRANSPORTATION	2500	90	17	2393	33.3	.6	2,448-	97.9-
	ADVERTISING								
	ADVERTISING 6150								
	ADVERTISING								
	INSURANCE								
	PUBLIC LIAB/PROPERTY D 6255								
	AUTOMOBILE INSURANCE 6265								
	INSURANCE								
	UTILITIES								
61901	ELECTRICITY 6305	720000		234235	485765	33.3	32.5	17,294-	2.4-
	INTERFUND ENERGY REIMB 6307								
61901	UTILITIES	720000		234235	485765	33.3	32.5	17,294-	2.4-
	REPR/MAINT-OUTSIDE LABO								
	BUILDING R&M 6350								
	DISASTER REPAIRS 6351								
	ELECTRICAL R&M 6355	25000	8,369		16632	33.3		25,000-	100.0-
129720	FIXED EQUIPMENT R&M 6380	1191868	4,300	508108	679460	33.3	42.6	332,456	27.8
	MINOR EQUIPMENT R&M 6382								
80	MOTOR VEHICLE EQ. R&M 6384	3000	490	212	2298	33.3	7.0	2,364-	78.8-
	CONSTRUCTION EQUIP R&M 6386								
	COMMUNICATION EQ. R&M 6390								
120	DISINFECT./EXTERMINATI 6394	600		240	360	33.3	40.0	120	20.0
	TOW IN CHARGES 6398	300			300	33.3		300-	100.0-
	OTHER REPAIRS AND MAIN 6399	1000	350		650	33.3		1,000-	100.0-
129920	REPR/MAINT-OUTSIDE L	1221768	13,509	508560	699699	33.3	41.6	303,912	24.8
	RENTALS								
	MACHINERY RENT 6420								
220	UNIFORM RENT 6430	2000		630	1370	33.3	31.5	110-	5.5-
220	RENTALS	2000		630	1370	33.3	31.5	110-	5.5-
	OTHER SERVICES & CHARGE								
	SETTLEMT OF DAMAGE CLA 6700	165000			165000	33.3		165,000-	100.0-
	DUES AND MEMBERSHIPS 6840	1000			1000	33.3		1,000-	100.0-
	REGISTRATION FEE/TUITI 6845	1000			1000	33.3		1,000-	100.0-
	SERVICES NOT SPECIFIED 6999	13000			13000	33.3		13,000-	100.0-
	OTHER SERVICES & CHA	180000			180000	33.3		180,000-	100.0-
193358	OTHER SERVICES & CHAR	2676268	13,599	759939	1902731	33.3	28.3	396,450-	14.8-

	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							
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	OTHER IMPROVEMENTS								
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	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP.	7325							
	DATA PROCESSING EQUIP.	7327							
	AGRICULTURAL EQUIPMENT	7335	10000		10000	33.3		10,000-	100.0-
	COMMUNICATION EQUIPMEN	7355							
	OTHER EQUIPMENT	7399							
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	MACHINERY AND EQUIPM		10000		10000	33.3		10,000-	100.0-
	VEHICLES								
	AUTOMOBILES	7400							
	SPECIAL TRUCKS	7450							
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	VEHICLES								
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	CAPITAL OUTLAY		10000		10000	33.3		10,000-	100.0-
	CAPITAL LEASE PAYMENTS								
	ENERGY IMPR LEASE	8517							
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	CAPITAL LEASE PAYMEN								
	INTEREST ON CAPITAL LEA								
	ENERGY IMPR LEASE	8617							
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	INTEREST ON CAPITAL								
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	DEBT SERVICE								
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231214	EXPENDITURES		3331527	17,715	877079	2436733	33.3 26.3	700,289-	21.0-

010451 - W&S B&I-REVENUE OBLIGATIONS

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
4 Months Ending 01/31/18

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								
555000	GENERAL ISSUES 8000	2111000		555000	1556000	33.3	26.2	446,000-	21.1-
50000	REVENUE ISSUES 8010	2930000		50000	2880000	33.3	1.7	2,780,000-	94.8-
	5 YEAR NOTE PRINCIPAL 8021								
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605000	BONDS REDEEMED	5041000		605000	4436000	33.3	12.0	3,226,000-	63.9-
	INTEREST ON BONDS								
94153	GENERAL ISSUES 8100	264555		94153	170402	33.3	35.5	17,904	6.7
598381	REVENUE ISSUES 8110	2208893		764459	1444434	33.3	34.6	84,484	3.8
	5 YEAR NOTE INTEREST 8121								
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692534	INTEREST ON BONDS	2473448		858612	1614836	33.3	34.7	102,388	4.1
	PAYING AGENT FEES								
	GENERAL ISSUES 8400	9000		2000	7000	33.3	22.2	3,000-	33.3-
	REVENUE ISSUES 8410	6000			6000	33.3		6,000-	100.0-
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	PAYING AGENT FEES	15000		2000	13000	33.3	13.3	9,000-	60.0-
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1297534	DEBT SERVICE	7529448		1465612	6063836	33.3	19.4	3,132,612-	41.6-
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1297534	EXPENDITURES	7529448		1465612	6063836	33.3	19.4	3,132,612-	41.6-

010500 - W&S B&I-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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						
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	TRANSFERS TO OTHER F						
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	TRANSFERS						
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	EXPENDITURES						

011451 - WATER & SEWER-REV.OBLIGATN

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL		OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
	NOTE PRINCIPAL									
7925	SRF NOTE	8222	96000		31522	64478	33.3	32.8	1,434-	1.4-
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7925	NOTE PRINCIPAL		96000		31522	64478	33.3	32.8	1,434-	1.4-
	INTEREST ON NOTES									
364	SRF NOTE	8332	3467		1633	1834	33.3	47.1	1,432	41.3
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364	INTEREST ON NOTES		3467		1633	1834	33.3	47.1	1,432	41.3
	PAYING AGENT FEES									
	REVENUE ISSUES	8410	11000		5350	5650	33.3	48.6	5,050	45.9
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	PAYING AGENT FEES		11000		5350	5650	33.3	48.6	5,050	45.9
	CAPITAL LEASE PAYMENTS									
	2012 EQUIP LEASE	8514								
-----			-----	-----	-----	-----	-----	-----	-----	-----
	CAPITAL LEASE PAYMEN									
	INTEREST ON CAPITAL LEA									
	2012 EQUIP LEASE	8614								
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	INTEREST ON CAPITAL									
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8289	DEBT SERVICE		110467		38506	71961	33.3	34.8	5,051	4.5
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8289	EXPENDITURES		110467		38506	71961	33.3	34.8	5,051	4.5

011500 - WATER & SEWER-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	500000			500000	33.3	500,000- 100.0-
779875	T/T WATER & SEWER O&M 9000 09	10450000		2521541	7928459	33.3 24.1	2,885,376- 27.6-
	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		225000	675000	33.3 25.0	225,000- 25.0-
131250	T/T WATER & SEWER B&I 9000 10C	1575000		393750	1181250	33.3 25.0	393,750- 25.0-
266667	T/T WATER & SEWER B&I 9000 10D	3200000		800000	2400000	33.3 25.0	800,000- 25.0-
40000	T/T 2010 W&S GO BOND 9000 10GO	480000		120000	360000	33.3 25.0	120,000- 25.0-
58333	T/T W&SB&I (METER GO) 9000 10M	700000		175000	525000	33.3 25.0	175,000- 25.0-
126667	T/T 2016 W&S REF BONDS 9000 10REF	1520000		380000	1140000	33.3 25.0	380,000- 25.0-
	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	33.3	2,225,133- 100.0-
	T/T 2010 W&S GO BOND 9000 99						
1477791	TRANSFERS TO OTHER F	21550133		4615291	16934842	33.3 21.4	7,704,259- 35.7-
1477791	TRANSFERS	21550133		4615291	16934842	33.3 21.4	7,704,259- 35.7-
1477791	EXPENDITURES	21550133		4615291	16934842	33.3 21.4	7,704,259- 35.7-

011660 - WATER & SEWER-CUST.ACCT.DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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		431	1569	33.3 21.5	706- 35.3-
108	RENTALS	2000		431	1569	33.3 21.5	706- 35.3-
	OTHER SERVICES & CHARGE						
	DEPR. EXPENSE - METERS 6800						
	CASH OVERAGE/SHORTAGE 6819						
198	BANK SERV/TRF FEE 6832	2700		856	1844	33.3 31.7	132- 4.8-
	REFUNDS 6835						
8482	WATER RELATED REFUND 6835 WTR	15000		18851	3851-	33.3 125.6	41,553 277.0
8482	REFUNDS	15000		18851	3851-	33.3 125.6	41,553 277.0
	NSF CHECKS 6836						
	BAD DEBT EXPENSE 6837						
99	BANK NSF FEES 6838	2000		533	1467	33.3 26.6	400- 20.0-
	OTHER INCOME EXPENSE 6839	5000			5000	33.3	5,000- 100.0-
8778	OTHER SERVICES & CHA	24700		20241	4459	33.3 81.9	36,023 145.8
8886	OTHER SERVICES & CHAR	26700		20672	6028	33.3 77.4	35,316 132.2
8886	EXPENDITURES	26700		20672	6028	33.3 77.4	35,316 132.2

012452 - 1999 TAX INCRE B&I-GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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						
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	OTHER SERVICES & CHA						
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	OTHER SERVICES & CHAR						
	BONDS REDEEMED						
	IND/ECON DEV ISSUES 8020						
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	BONDS REDEEMED						
	INTEREST ON BONDS						
	IND/ECON DEV ISSUES 8120						
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	INTEREST ON BONDS						
	PAYING AGENT FEES						
	IND/ECON DEV ISSUES 8420						
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	PAYING AGENT FEES						
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	DEBT SERVICE						
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	EXPENDITURES						

012500 - '99 TIF B&I-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	33.3	6,895- 100.0-
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TRANSFERS TO OTHER F		6895			6895	33.3	6,895- 100.0-
-----		-----	-----	-----	-----	-----	-----
TRANSFERS		6895			6895	33.3	6,895- 100.0-
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EXPENDITURES		6895			6895	33.3	6,895- 100.0-

013450 - CITY B&I-GENERAL OBLIGATIONS

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
4 Months Ending 01/31/18

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							
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	INTERGOV'TL-DEBT SER							
	OTHER SERVICES & CHARGE							
814	PROP.TAX COLL. FEES .0 6830	14000		3431	10569	33.3 24.5	3,706-	26.4-
2889	PROP.TAX COLL. FEES.00 6831	19000		3133	15867	33.3 16.4	9,600-	50.5-
	BANK SERV/TRF FEE 6832							
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3703	OTHER SERVICES & CHA	33000		6565	26435	33.3 19.8	13,304-	40.3-
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3703	OTHER SERVICES & CHAR	33000		6565	26435	33.3 19.8	13,304-	40.3-
	BONDS REDEEMED							
	GENERAL ISSUES 8000	1700000		885000	815000	33.3 52.0	955,000	56.1
	IND/ECON DEV ISSUES 8020							
	5 YEAR NOTE PRINCIPAL 8021							
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	BONDS REDEEMED	1700000		885000	815000	33.3 52.0	955,000	56.1
	INTEREST ON BONDS							
	GENERAL ISSUES 8100	223350		109000	114350	33.3 48.8	103,650	46.4
	IND/ECON DEV ISSUES 8120							
	5 YEAR NOTE INTEREST 8121							
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	INTEREST ON BONDS	223350		109000	114350	33.3 48.8	103,650	46.4
	PAYING AGENT FEES							
	GENERAL ISSUES 8400	12000		4050	7950	33.3 33.7	150	1.2
	IND/ECON DEV ISSUES 8420							
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	PAYING AGENT FEES	12000		4050	7950	33.3 33.7	150	1.2
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE	1935350		998050	937300	33.3 51.5	1,058,800	54.7
-----		-----	-----	-----	-----	-----	-----	-----
3703	EXPENDITURES	1968350		1004615	963735	33.3 51.0	1,045,495	53.1

014599 - SCHOOL FUND-MISC.CHARGES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	OTHER SERVICES & CHARGE						
6168	PROP.TAX COLL. FEES .0 6830			24412	24412-		73,236
16070	PROP.TAX COLL. FEES.00 6831			17475	17475-		52,425
-----		-----	-----	-----	-----	-----	-----
22238	OTHER SERVICES & CHA			41887	41887-		125,661
-----		-----	-----	-----	-----	-----	-----
22238	OTHER SERVICES & CHAR			41887	41887-		125,661
-----		-----	-----	-----	-----	-----	-----
22238	EXPENDITURES			41887	41887-		125,661

015500 - W&S B&I USA YEAST-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	33.3	22- 100.0-
	TRANSFERS TO OTHER F	22	-----	-----	22	33.3	22- 100.0-
-----	TRANSFERS	22	-----	-----	22	33.3	22- 100.0-
-----	EXPENDITURES	22	-----	-----	22	33.3	22- 100.0-

018701 - P&FD&R-TRUST AND AGENCY

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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						
387	OTHER PROFESSIONAL SER 6049			1918	1918-		5,754
-----		-----	-----	-----	-----	-----	-----
387	PROFESSIONAL SERVICE			1918	1918-		5,754
	OTHER SERVICES & CHANGE						
211556	PENSION EXPENSE 6825			844184	844184-		2,532,552
463	PROP.TAX COLL. FEES .0 6830			1836	1836-		5,508
1655	PROP.TAX COLL. FEES.00 6831			1791	1791-		5,373
	REFUNDS 6835						
	PFDR ACC. CONTRI. REF 6835 PFDR						
-----		-----	-----	-----	-----	-----	-----
	REFUNDS						
-----		-----	-----	-----	-----	-----	-----
213674	OTHER SERVICES & CHA			847810	847810-		2,543,430
-----		-----	-----	-----	-----	-----	-----
214061	OTHER SERVICES & CHAR			849728	849728-		2,549,184
-----		-----	-----	-----	-----	-----	-----
214061	EXPENDITURES			849728	849728-		2,549,184

019100 - POL.FORFEITURES-POLICE DIV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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							
202	OTHER OPER.MATLS-K-9 S 5590	12000	901	2658	8440	33.3 22.1	4,026-	33.5-
1238	OTHER OPER.MATLS-CRIME 5591	29441	1,907	7756	19777	33.3 26.3	6,173-	20.9-
	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							
1439	OPERATING SUPPLIES	41441	2,808	10414	28218	33.3 25.1	10,199-	24.6-
1439	SUPPLIES AND EXPENSES	41441	2,808	10414	28218	33.3 25.1	10,199-	24.6-
	PROFESSIONAL SERVICES							
10000	METRO CRIME STOPPERS 6039	10000		10000		33.3 100.0	20,000	200.0
	FEES - NON-SWORN CLASS 6044							
	OTHER PROFESSIONAL SER 6049							
10000	PROFESSIONAL SERVICE	10000		10000		33.3 100.0	20,000	200.0
	COMMUNICATIONS							
	TELEPHONE AND TELEGRAP 6060							
	COMMUNICATIONS							
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
	TRAVEL EXP-M/C TRAININ 6112	3600			3600	33.3	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	33.3	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	33.3	83.3	4,500	150.0
	REGISTRATION FEE/TUITI 6845								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA	3000		2500	500	33.3	83.3	4,500	150.0
-----		-----	-----	-----	-----	-----	-----	-----	-----
10000	OTHER SERVICES & CHAR	16600		12500	4100	33.3	75.3	20,900	125.9
-----		-----	-----	-----	-----	-----	-----	-----	-----
	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	33.3	2.0	55,299-	93.8-
-----		-----	-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM	58917		1206	57711	33.3	2.0	55,299-	93.8-
	VEHICLES								
	AUTOMOBILES 7400	200000			200000	33.3		200,000-	100.0-
	MOTORCYCLES 7405								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	VEHICLES	200000			200000	33.3		200,000-	100.0-
	OTHER								
	ZOOLOGICAL ANIMALS 7505								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	258917		1206	257711	33.3	.4	255,299-	98.6-
-----		-----	-----	-----	-----	-----	-----	-----	-----
11439	EXPENDITURES	316958	2,808	24120	290029	33.3	7.6	244,598-	77.1-

020452 - 2002 TIF B&I-S/P GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	33.3	140,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	140000			140000	33.3	140,000- 100.0-
	INTEREST ON BONDS						
	IND/ECON DEV ISSUES 8120	104033			104033	33.3	104,033- 100.0-
-----		-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	104033			104033	33.3	104,033- 100.0-
	PAYING AGENT FEES						
	IND/ECON DEV ISSUES 8420	2000			2000	33.3	2,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	2000			2000	33.3	2,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	DEBT SERVICE	246033			246033	33.3	246,033- 100.0-
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	246033			246033	33.3	246,033- 100.0-

021452 - 2004 TIF B&I-H/D GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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

4 Months Ending 01/31/18

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	33.3	67,570- 100.0-
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F	67570			67570	33.3	67,570- 100.0-
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS	67570			67570	33.3	67,570- 100.0-
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	67570			67570	33.3	67,570- 100.0-

022452 - 2003 TIF B&I-C/S GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	120000			120000	33.3	120,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	120000			120000	33.3	120,000- 100.0-
	INTEREST ON BONDS						
	IND/ECON DEV ISSUES 8120	71688			71688	33.3	71,688- 100.0-
-----		-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	71688			71688	33.3	71,688- 100.0-
	PAYING AGENT FEES						
	IND/ECON DEV ISSUES 8420	2000			2000	33.3	2,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	2000			2000	33.3	2,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	DEBT SERVICE	193688			193688	33.3	193,688- 100.0-
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	193688			193688	33.3	193,688- 100.0-

022500 - '03 TIF B&I-C/S-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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
4 Months Ending 01/31/18

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	33.3	375,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	375000			375000	33.3	375,000- 100.0-
	INTEREST ON BONDS						
	IND/ECON DEV ISSUES 8120	76441			76441	33.3	76,441- 100.0-
-----		-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	76441			76441	33.3	76,441- 100.0-
	PAYING AGENT FEES						
	IND/ECON DEV ISSUES 8420	3500			3500	33.3	3,500- 100.0-
-----		-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	3500			3500	33.3	3,500- 100.0-
-----		-----	-----	-----	-----	-----	-----
	DEBT SERVICE	454941			454941	33.3	454,941- 100.0-
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	454941			454941	33.3	454,941- 100.0-

024452 - 2008 TIF B&I-L/C GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	45000			45000	33.3	45,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	45000			45000	33.3	45,000- 100.0-
	INTEREST ON BONDS						
	IND/ECON DEV ISSUES 8120	11600			11600	33.3	11,600- 100.0-
-----		-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	11600			11600	33.3	11,600- 100.0-
	PAYING AGENT FEES						
	IND/ECON DEV ISSUES 8420	1000			1000	33.3	1,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES	1000			1000	33.3	1,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	DEBT SERVICE	57600			57600	33.3	57,600- 100.0-
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	57600			57600	33.3	57,600- 100.0-

025452 - 2011 TIF B&I-KOHL'S GEN OBLIGA

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	33.3	75,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	75000			75000	33.3	75,000- 100.0-
	INTEREST ON BONDS						
	IND/ECON DEV ISSUES 8120	16000		8000	8000	33.3 50.0	8,000 50.0
-----		-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	16000		8000	8000	33.3 50.0	8,000 50.0
	PAYING AGENT FEES						
1940	IND/ECON DEV ISSUES 8420	2000		1940	60	33.3 97.0	3,820 191.0
-----		-----	-----	-----	-----	-----	-----
1940	PAYING AGENT FEES	2000		1940	60	33.3 97.0	3,820 191.0
-----		-----	-----	-----	-----	-----	-----
1940	DEBT SERVICE	93000		9940	83060	33.3 10.6	63,180- 67.9-
-----		-----	-----	-----	-----	-----	-----
1940	EXPENDITURES	93000		9940	83060	33.3 10.6	63,180- 67.9-

026452 - 2016 TIF B&I-WHISP PINES EXPEN

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	33.3	156,000- 100.0-
-----		-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	156000			156000	33.3	156,000- 100.0-
	INTEREST ON BONDS						
61931	IND/ECON DEV ISSUES 8120	123863		61931	61932	33.3 49.9	61,930 49.9
-----		-----	-----	-----	-----	-----	-----
61931	INTEREST ON BONDS	123863		61931	61932	33.3 49.9	61,930 49.9
	PAYING AGENT FEES						
1740	IND/ECON DEV ISSUES 8420	1300		1740	440-	33.3 133.8	3,920 301.5
-----		-----	-----	-----	-----	-----	-----
1740	PAYING AGENT FEES	1300		1740	440-	33.3 133.8	3,920 301.5
-----		-----	-----	-----	-----	-----	-----
63671	DEBT SERVICE	281163		63671	217492	33.3 22.6	90,149- 32.0-
-----		-----	-----	-----	-----	-----	-----
63671	EXPENDITURES	281163		63671	217492	33.3 22.6	90,149- 32.0-

027500 - TAX COLLECTOR'S-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	TRANSFERS TO OTHER FUND						
3119792	T/T GENERAL FUND 9000 01			3606814	3606814-		10,820,442
	T/T GENERAL FD-C.C. FE 9000 01CC						
	T/T GENERAL FD-EXCESS 9000 01EB						
	T/T GENERAL FD-CHKG IN 9000 01CHK						
7299	T/T GENERAL FD-INT/PEN 9000 01IP			46744	46744-		140,232
158178	T/T PARKS & RECREATION 9000 02			184154	184154-		552,462
153961	T/T LIBRARY 9000 04			179261	179261-		537,783
	T/T 1999 TAX INCRE B&I 9000 12						
458628	T/T CITY B & I 9000 13			537581	537581-		1,612,743
2716338	T/T SCHOOL FUND 9000 14			3138678	3138678-		9,416,034
356690	T/T SCHOOL-1988 SCH.BO 9000 14SB			410569	410569-		1,231,707
262749	T/T POL/FIRE DIS./RELI 9000 18			304752	304752-		914,256
	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						
20000	T/T 2015A TIF B&I-RIDG 9000 50			20000	20000-		60,000
5000	T/T 2015B TIF B&I-MIDT 9000 51			15000	15000-		45,000
39228	T/T MASS TRANSIT OPER. 9000 73			45866	45866-		137,598
	T/T 2008 TIF CONSTR-LC 9000 90						
7297863	TRANSFERS TO OTHER F			8489421	8489421-		25,468,263
7297863	TRANSFERS			8489421	8489421-		25,468,263
7297863	EXPENDITURES			8489421	8489421-		25,468,263

028452 - 2016 TIF B&I-HBRG CLINIC MIDTN

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
4 Months Ending 01/31/18

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		33.3 100.0	88,000	200.0
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	44000		44000		33.3 100.0	88,000	200.0
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	32045		32045		33.3 100.0	64,090	200.0
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	32045		32045		33.3 100.0	64,090	200.0
	PAYING AGENT FEES							
	IND/ECON DEV ISSUES 8420							
-----		-----	-----	-----	-----	-----	-----	-----
	PAYING AGENT FEES							
-----		-----	-----	-----	-----	-----	-----	-----
	DEBT SERVICE	76045		76045		33.3 100.0	152,090	200.0
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	76045		76045		33.3 100.0	152,090	200.0

039551 - AIRPORT IMPR.-AIRPORT DIV

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	33.3		342,378-	100.0-
157867	AIRPORT IMP-FAA	7295 02	1016850	686351	330499	33.3	67.4	1,042,203	102.4
	MDOT-MULTIMODAL	7295 06							
	MISC.OTHER IMPROVEMEN	7295 99							
-----			-----	-----	-----	-----	-----	-----	-----
157867	OTHER IMPROVEMENTS		1359228	686351	672877	33.3	50.4	699,825	51.4
-----			-----	-----	-----	-----	-----	-----	-----
157867	IMPROVEMENT OTHER TH		1359228	686351	672877	33.3	50.4	699,825	51.4
	MACHINERY AND EQUIPMENT								
	DATA PROCESSING EQUIP.	7327							
	AGRICULTURAL EQUIPMENT	7335							
	COMMUNICATION EQUIPMEN	7355							
	OTHER EQUIPMENT	7399							
-----			-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM								
-----			-----	-----	-----	-----	-----	-----	-----
157867	CAPITAL OUTLAY		1359228	686351	672877	33.3	50.4	699,825	51.4
-----			-----	-----	-----	-----	-----	-----	-----
157867	EXPENDITURES		1359228	686351	672877	33.3	50.4	699,825	51.4

050452 - 2015A TIF B&I-RIDGE/TURTLE CRK

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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		33.3 100.0	114,000	200.0
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	57000		57000		33.3 100.0	114,000	200.0
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	62508		32038	30471	33.3 51.2	33,606	53.7
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	62508		32038	30471	33.3 51.2	33,606	53.7
	PAYING AGENT FEES							
1940	IND/ECON DEV ISSUES 8420	2000		1940	60	33.3 97.0	3,820	191.0
-----		-----	-----	-----	-----	-----	-----	-----
1940	PAYING AGENT FEES	2000		1940	60	33.3 97.0	3,820	191.0
-----		-----	-----	-----	-----	-----	-----	-----
1940	DEBT SERVICE	121508		90978	30531	33.3 74.8	151,426	124.6
-----		-----	-----	-----	-----	-----	-----	-----
1940	EXPENDITURES	121508		90978	30531	33.3 74.8	151,426	124.6

050602 - 2015 TIF B&I-RIDGE/MIDTOWN MAR

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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

4 Months Ending 01/31/18

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		33.3 100.0	20,000	200.0
-----		-----	-----	-----	-----	-----	-----	-----
	BONDS REDEEMED	10000		10000		33.3 100.0	20,000	200.0
	INTEREST ON BONDS							
	IND/ECON DEV ISSUES 8120	10450		5500	4950	33.3 52.6	6,050	57.8
-----		-----	-----	-----	-----	-----	-----	-----
	INTEREST ON BONDS	10450		5500	4950	33.3 52.6	6,050	57.8
	PAYING AGENT FEES							
1940	IND/ECON DEV ISSUES 8420	2000		1940	60	33.3 97.0	3,820	191.0
-----		-----	-----	-----	-----	-----	-----	-----
1940	PAYING AGENT FEES	2000		1940	60	33.3 97.0	3,820	191.0
-----		-----	-----	-----	-----	-----	-----	-----
1940	DEBT SERVICE	22450		17440	5010	33.3 77.6	29,870	133.0
-----		-----	-----	-----	-----	-----	-----	-----
1940	EXPENDITURES	22450		17440	5010	33.3 77.6	29,870	133.0

072201 - MUN.ROAD&BRIDGE-STREET DIV

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	OPERATING SUPPLIES							
	CHEMICALS 5130							
	ASPHALT & ASPHALT PROD 5400							
	CONCRETE, CEMENT, ETC. 5405							
	BRICK, STONE, MORTAR, ETC 5410							
	SAND, CLAY, GRVL, FILL DI 5415							
	DRAINAGE PIPE & CULVER 5420							
	MINOR EQUIPMENT 5460							
	STREET MARKING SUPPLIE 5550							
	OPERATING SUPPLIES							
	REPAIR & MAINTENANCE SP							
	BUILDING MATERIALS & S 5600							
	PLUMBING SUPPLIES 5610							
	STRUCTURAL STEEL & IRO 5620							
	REPAIR & MAINTENANCE							
	SUPPLIES AND EXPENSES							
	PROFESSIONAL SERVICES							
11316	ENGINEERING 6015	100000		74684	25316	33.3 74.6	124,052	124.0
	APPRAISAL 6017	100000			100000	33.3	100,000-	100.0-
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
11316	PROFESSIONAL SERVICE	200000		74684	125316	33.3 37.3	24,052	12.0
	TRANSPORTATION							
	TRAVEL EXPENSE 6110							
	TRANSPORTATION							
73048	REPR/MAINT-OUTSIDE LABO							
	STREETS & STRUCTURES R 6360	1300000	318,784	197041	784174	33.3 15.1	708,876-	54.5-
	MINOR EQUIPMENT R&M 6382							
73048	REPR/MAINT-OUTSIDE L	1300000	318,784	197041	784174	33.3 15.1	708,876-	54.5-
	RENTALS							
	MACHINERY RENT 6420							
	RENTALS							
68	OTHER SERVICES & CHARGE							
	BANK SERV/TRF FEE 6832			275	275-		825	
	8/29 TIPPING FEES 6880							
	8/29 TIPPING-PW7311 6880 01							
	8/29 TIPPING-PW8157 6880 02							
	8/29 TIPPING-PW7711 6880 03							
	8/29 TIPPING FEES							
68	OTHER SERVICES & CHA			275	275-		825	

84432	OTHER SERVICES & CHAR		1500000	318,784	272001	909215	33.3	18.1	683,996-	45.5-
	LAND									
	LAND	7000								
	EASEMENTS	7010								
-----	LAND		-----	-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER THAN									
	BRIDGES	7210								
315	34TH AVE PEDESTRIAN B	7210 01								
	28TH AVENUE BRIDGE	7210 02	310000		24220	285780	33.3	7.8	237,340-	76.5-
	12TH AVENUE BRIDGE	7210 03								
-----	BRIDGES		-----	-----	-----	-----	-----	-----	-----	-----
315	BRIDGES		310000		24220	285780	33.3	7.8	237,340-	76.5-
	DRAINS	7215								
	MOBILE ST (CDBG)	7215 14								
-----	DRAINS		-----	-----	-----	-----	-----	-----	-----	-----
	SIDEWALKS	7225								
	SIDEWALKS-NON SPECIFI	7225 01	57479		57478	1	33.3	99.9	114,955	199.9
	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-	33.3		15,017-	100.0-
	MDOT-TUSCAN AVE SIDEW	7225 06	246586		235433	11153	33.3	95.4	459,713	186.4
	MDOT-LLT DEPOT TO CHA	7225 07	529780		810	528970	33.3	.1	527,350-	99.5-
	MDOT-J ED TURNER BIKE	7225 08	60350			60350	33.3		60,350-	100.0-
	EDWARDS ST PATHWAY	7225 09								
	CAMP ST WALKING TRAIL	7225 10	100000			100000	33.3		100,000-	100.0-
	GRANT-GORDON CREEK SI	7225 11	350000		151390	198610	33.3	43.2	104,170	29.7
	38TH AVE SIDEWALKS	7225 12	325000		6000	319000	33.3	1.8	307,000-	94.4-
	CLASSIC DRIVE BIKE TR	7225 13	45000		15532	29468	33.3	34.5	1,596	3.5
	LLT TO AFRICAN AMER M	7225 14	225000			225000	33.3		225,000-	100.0-
	GORDON CREEK PATHWAYS	7225 20								
	MAMIE STREET	7225 21								
-----	SIDEWALKS		-----	-----	-----	-----	-----	-----	-----	-----
	STREETS & ROADWAYS	7230	1924178		466644	1457534	33.3	24.2	524,246-	27.2-
	UNETTA ST BRIDGE	7230 01								
8500	INDUSTRIAL PARK ROADS	7230 02								
	WESTERN BELTWAY	7230 03	214719		38305	176414	33.3	17.8	99,803-	46.4-
	NORTH-SOUTH CORRIDOR-	7230 04								
	RAILROAD CROSSING UPG	7230 05								
	BIKE LANES	7230 06								
	MDIP-HBURG CLINIC ACC	7230 07	413000		178039	234961	33.3	43.1	121,117	29.3
	MDOT-4TH ST PHASE I	7230 08								
	MDOT-4TH ST PHASE II	7230 09	1455067		227513	1227554	33.3	15.6	772,527-	53.0-
	MDOT-FUTURE PROJECT	7230 10								
	E.4TH STREET	7230 11								
	LAKE FORGETFUL	7230 13								
	LAMAR BLVD-REGIONS	7230 14	900000			900000	33.3		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	100000			100000	33.3		100,000-	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	33.3	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								
	MDOT-MARTIN LUTHER KI	7230	43								
	HARDY WIDENING #1-MDO	7230	48								
	RAWLS SPGS LOOP RD	7230	50								
	MDOT-LLT-US 49 TO MAI	7230	51	23727		23727	33.3	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								
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8500	STREETS & ROADWAYS			3331513		443857	2887656	33.3	13.3	1,999,941-	60.0-
	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										
-----				-----	-----	-----	-----	-----	-----	-----	-----
8815	IMPROVEMENT OTHER TH			5565691		934721	4630970	33.3	16.7	2,761,527-	49.6-
	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										
-----				-----	-----	-----	-----	-----	-----	-----	-----
8815	CAPITAL OUTLAY			5565691		934721	4630970	33.3	16.7	2,761,527-	49.6-
-----				-----	-----	-----	-----	-----	-----	-----	-----
93246	EXPENDITURES			7065691	318,784	1206722	5540185	33.3	17.0	3,445,525-	48.7-

072460 - MUN.R&B FUND-CAPITAL LEASES

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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						

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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%

T/T GENERAL FUND

9000 01

T/T SPECIAL STREET

9000 08

T/T COMMUNITY DEVELOPMENT

9000 82

TRANSFERS TO OTHER F

TRANSFERS

EXPENDITURES

073570 - MASS TRANSIT-TRANSPORTATION

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
SALARIES								
34169	REGULAR WAGES 4000	492275		132381	359894	33.3 26.8	95,131-	19.3-
	DISASTER RECOVERY WAGE 4010			736	736-		2,208	
3142	OVERTIME 4300	40000		14815	25185	33.3 37.0	4,445	11.1
	DISASTER RECOVERY OVER 4310							
37311	SALARIES	532275		147932	384343	33.3 27.7	88,479-	16.6-
EMPLOYEE BENEFITS								
5877	STATE RETIREMENT 4600	83840		23299	60541	33.3 27.7	13,942-	16.6-
2705	F.I.C.A. TAXES 4700	40730		10721	30009	33.3 26.3	8,566-	21.0-
8991	HOSPITALIZATION INS. 4800	131400		36540	94860	33.3 27.8	21,780-	16.5-
	UNEMPLOYMENT BENEFITS 4900	5000		1336	3664	33.3 26.7	992-	19.8-
	WORKMAN'S COMPENSATION 4910	15000			15000	33.3	15,000-	100.0-
17573	EMPLOYEE BENEFITS	275970		71897	204073	33.3 26.0	60,278-	21.8-
54884	PERSONAL SERVICES	808245		219829	588416	33.3 27.1	148,757-	18.4-
OFFICE SUPPLIES								
	PAPER 5003	500			500	33.3	500-	100.0-
	PRINTED FORMS 5005	100			100	33.3	100-	100.0-
	OTHER EXPENDABLE OFF.S 5010	2500	183	559	1758	33.3 22.3	822-	32.8-
	MINOR OFFICE EQUIP/FUR 5020	10000			10000	33.3	10,000-	100.0-
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
	COMPUTER SUPPLIES 5080	1500			1500	33.3	1,500-	100.0-
	OFFICE SUPPLIES	14600	183	559	13858	33.3 3.8	12,922-	88.5-
OPERATING SUPPLIES								
322	CLEANING/JANITORIAL SP 5100	1500		411	1089	33.3 27.4	266-	17.7-
	FOOD 5115	1000			1000	33.3	1,000-	100.0-
	MEDICAL SUPPLIES 5120							
	CHEMICALS 5130	600			600	33.3	600-	100.0-
461	GAS AND OIL 5250	10000		1564	8436	33.3 15.6	5,308-	53.0-
	LUBRICANTS 5255	500			500	33.3	500-	100.0-
4561	DIESEL FUEL 5257	90000		20310	69690	33.3 22.5	29,070-	32.3-
	OTHER FUEL 5260							
	WEARING APPAREL 5355	2000			2000	33.3	2,000-	100.0-
	CONCRETE, CEMENT, ETC. 5405	3000			3000	33.3	3,000-	100.0-
	SAND,CLAY,GRVL,FILL DI 5415							
500	HAND TOOLS 5450	1000		500	500	33.3 50.0	500	50.0
	MINOR EQUIPMENT 5460	500			500	33.3	500-	100.0-
180	OTHER OPERATING MATL/S 5590	3200	481	1112	1606	33.3 34.7	136	4.2
6024	OPERATING SUPPLIES	113300	481	23897	88921	33.3 21.0	41,608-	36.7-
REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S 5600	1000		597	403	33.3 59.7	791	79.1
	ELECTRICAL SUPPLIES 5605	500			500	33.3	500-	100.0-
	PLUMBING SUPPLIES 5610	500			500	33.3	500-	100.0-
	PAINT AND PAINTING SPL 5650	500			500	33.3	500-	100.0-
	MTR VEHICLE REP. PTS/S 5700	2500		519	1981	33.3 20.7	942-	37.6-

	REPAIR PARTS - BUSES	5710									
3017	REPAIR PARTS - FIXED R	5710 01	50000	3,164	10175	36661	33.3	20.3	19,474-	38.9-	
886	REPAIR PARTS - PARATRA	5710 02	10000	1,554	1184	7262	33.3	11.8	6,448-	64.4-	
	COMMUNICATION REPAIR P	5750	1500		266	1234	33.3	17.7	702-	46.8-	
	AGRICLTRL REPAIR PTS/S	5755									
	OTHER REPAIR/MAINT. SP	5990	2000		862	1138	33.3	43.1	586	29.3	
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3903	REPAIR & MAINTENANCE		68500	4,718	13603	50179	33.3	19.8	27,690-	40.4-	
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9927	SUPPLIES AND EXPENSES		196400	5,382	38059	152959	33.3	19.3	82,222-	41.8-	
	PROFESSIONAL SERVICES										
	AUDITING AND ACCOUNTIN	6010									
	ARCHITECTURAL	6012									
	CONSULTANT SERV/SURVEY	6020									
359	BUILDING/BUS SECURITY	6021	20000		359	19641	33.3	1.7	18,922-	94.6-	
	MEDICAL	6027									
405	OTHER PROFESSIONAL SER	6049	10000		1440	8560	33.3	14.4	5,680-	56.8-	
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764	PROFESSIONAL SERVICE		30000		1799	28201	33.3	5.9	24,602-	82.0-	
	COMMUNICATIONS										
265	TELEPHONE AND TELEGRAP	6060	6500		1434	5066	33.3	22.0	2,198-	33.8-	
	POSTAGE	6070	200			200	33.3		200-	100.0-	
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265	COMMUNICATIONS		6700		1434	5266	33.3	21.4	2,398-	35.7-	
	TRANSPORTATION										
	TRAVEL EXPENSE	6110	7500			7500	33.3		7,500-	100.0-	
22	FREIGHT	6120	2500	45	22	2433	33.3	.8	2,434-	97.3-	
	MESSENGER/EXPRESS SERV	6130									
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22	TRANSPORTATION		10000	45	22	9933	33.3	.2	9,934-	99.3-	
	ADVERTISING										
	ADVERTISING	6150	25000			25000	33.3		25,000-	100.0-	
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	ADVERTISING		25000			25000	33.3		25,000-	100.0-	
	PRINTING AND BINDING										
248	PRINTING	6200	2000		315	1685	33.3	15.7	1,054-	52.7-	
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248	PRINTING AND BINDING		2000		315	1685	33.3	15.7	1,054-	52.7-	
	INSURANCE										
	PUBLIC LIAB/PROPERTY D	6255	55000		48022	6978	33.3	87.3	89,066	161.9	
	AUTOMOBILE INSURANCE	6265									
	SURETY AND FORGERY BON	6270									
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	INSURANCE		55000		48022	6978	33.3	87.3	89,066	161.9	
	UTILITIES										
640	ELECTRICITY	6305	20000		2595	17405	33.3	12.9	12,214-	61.0-	
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640	UTILITIES		20000		2595	17405	33.3	12.9	12,214-	61.0-	
	REPR/MAINT-OUTSIDE LABO										
355	BUILDING R&M	6350	1500		595	905	33.3	39.6	285	19.0	
	ELECTRICAL R&M	6355	5000		288	4712	33.3	5.7	4,136-	82.7-	
	PLUMBING EQUIPMENT R&M	6357									
	OFFICE EQUIPMENT R&M	6365	500			500	33.3		500-	100.0-	
	FIXED EQUIPMENT R&M	6380									
	MINOR EQUIPMENT R&M	6382									
62	MOTOR VEHICLE EQ. R&M	6384	3000		381	2619	33.3	12.7	1,856-	61.8-	
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417	REPR/MAINT-OUTSIDE L		10000		1264	8736	33.3	12.6	6,208-	62.0-	

BUS EQUIPMENT R&M										
3514	BUS EQUIP R&M-FIXED RO	6385 01	72000	9,329	32481	30190	33.3	45.1	25,443	35.3
287	BUS EQUIP R&M-PARATRA	6385 02	30000	1,453	4306	24241	33.3	14.3	17,082-	56.9-
2418	COMMUNICATION EQ. R&M	6390	10000		2418	7582	33.3	24.1	2,746-	27.4-
48	DISINFECT./EXTERMINATI	6394	250		96	154	33.3	38.4	38	15.2
	SIGN PAINTING	6396	1500			1500	33.3		1,500-	100.0-
250	TOW IN CHARGES	6398	1500		250	1250	33.3	16.6	750-	50.0-
40	OTHER REPAIRS AND MAIN	6399	1500		83	1417	33.3	5.5	1,250-	83.3-
6557	BUS EQUIPMENT R&M		116750	10,782	39635	66334	33.3	33.9	2,155	1.8
RENTALS										
	CYLINDER RENT	6425								
364	UNIFORM RENT	6430	3000		1491	1509	33.3	49.7	1,473	49.1
	OTHER RENT	6449	500			500	33.3		500-	100.0-
364	RENTALS		3500		1491	2009	33.3	42.6	973	27.8
OTHER SERVICES & CHARGE										
69	PROP.TAX COLL. FEES .0	6830			281	281-			843	
247	PROP.TAX COLL. FEES.00	6831			462	462-			1,386	
	DUES AND MEMBERSHIPS	6840								
	REGISTRATION FEE/TUITI	6845								
	LAUNDRY	6850								
	JARC-OPERATIONS	6868	268982		22568	246414	33.3	8.3	201,278-	74.8-
	ARRA-OPERATIONS	6869								
	SERVICES NOT SPECIFIED	6999								
316	OTHER SERVICES & CHA		268982		23311	245671	33.3	8.6	199,048-	74.0-
9593	OTHER SERVICES & CHAR		547932	10,827	119888	417217	33.3	21.8	188,268-	34.3-
BUILDING/BLD IMPROVEMEN										
BUILDINGS										
	BUS SHELTERS	7100 24	366878			366878	33.3		366,878-	100.0-
	MASS TRANSIT FACILITY	7100 27	1487565			1487565	33.3		1,487,565-	100.0-
6077	TRANSIT FACILITY ARCH	7100 29	223800		70037	153763	33.3	31.2	13,688-	6.1-
6077	BUILDINGS		2078243		70037	2008206	33.3	3.3	1,868,131-	89.8-
6077	BUILDING/BLD IMPROVE		2078243		70037	2008206	33.3	3.3	1,868,131-	89.8-
IMPROVEMENT OTHER THAN										
	OTHER IMPROVEMENTS	7295								
	ARRA DEPOT INFO KIOSK	7295 53								
	ARRA IMPROVEMENTS	7295 99								
OTHER IMPROVEMENTS										
IMPROVEMENT OTHER TH										
MACHINERY AND EQUIPMENT										
	OFFICE FURN/EQUIP.	7325	10000			10000	33.3		10,000-	100.0-
	DATA PROCESSING EQUIP.	7327								
	ARRA-DP EQUIP/SOFTWARE	7328								
	AGRICULTURAL EQUIPMENT	7335								
17585	COMMUNICATION EQUIPMEN	7355	25000		17585	7415	33.3	70.3	27,755	111.0
	ARRA-COMMUNICATION EQU	7356								
	ARRA-GPS EQUIPMENT	7357								
	MAJOR EQUIP. IMPROVEME	7390								
	OTHER EQUIPMENT	7399								
17585	MACHINERY AND EQUIPM		35000		17585	17415	33.3	50.2	17,755	50.7

	VEHICLES								
	AUTOMOBILES	7400	51140		51140	33.3		51,140-	100.0-
	BUSES	7410	630445		630445	33.3		630,445-	100.0-
	ARRA-TROLLEYS	7415							
	SPECIAL TRUCKS	7450							
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	VEHICLES		681585		681585	33.3		681,585-	100.0-
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23662	CAPITAL OUTLAY		2794828		87622	2707206	33.3 3.1	2,531,962-	90.5-
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98068	EXPENDITURES		4347405	16,209	465398	3865797	33.3 10.7	2,951,211-	67.8-

075695 - W&S CONSTR.-CAPITAL PROJECTS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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							
53403	PROFESSIONAL SERVICES							
	ENGINEERING 6015	850000		111323	738677	33.3 13.0	516,030-	60.7-
	ENGINEERING-I&I STUDY 6015 01	300000		247494	52506	33.3 82.4	442,482	147.4
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
53403	PROFESSIONAL SERVICE	1150000		358817	791183	33.3 31.2	73,548-	6.3-
	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	33.3	350,000-	100.0-
	OTHER SERVICES & CHA	350000			350000	33.3	350,000-	100.0-
53403	OTHER SERVICES & CHAR	1500000		358817	1141183	33.3 23.9	423,548-	28.2-
	LAND							
	LAND 7000							
	EASEMENTS 7010							
	LAND							
	IMPROVEMENT OTHER THAN							
	FENCES/RAILINGS 7212							
	SEWERS 7220							
	SEWER PHASE III 7220 01							
	IRENE CHAPEL-HATTIE A 7220 02							
	IND.PARK WTR/SWR IMPR 7220 03							
	MISC.SEWER SYSTEMS IM 7220 04							
	SHADOWOOD 7220 05							
	WOODHAVEN 7220 06							
	RICHBURG HILL TO I/59 7220 07							
	HWY 49 S 7220 08							
	W.HILLS GOLF CRSE SWR 7220 09							
	PCS WTR/SWR LINES 7220 10							
	S.LAGOON IMPROVEMENTS 7220 11							
	COUNTRY CLUB SEWER 7220 13							
	HYBRID PLASTICS PROJ(7220 14							
	PALMER'S SWR-SRF-LOAN 7220 15							
	CENTRAL SCHL RD 7220 16							
	JAMES/HWY49 SRF LOAN# 7220 18							

	I-59/JERVIS MIMS	7220 19							
	DIXIE PINE-SRF LOAN #	7220 20							
	USM PUMP STATION	7220 21							
	N.LAGOON EXPANSION	7220 26							
	S.LAGOON REPAIRS	7220 27							
	HWY 11 SOUTH SEWER	7220 29							
	USA YEAST	7220 37							
	S2-W 592 SWR W OF RAI	7220 38							
	S3-E 592 SWR E OF RAI	7220 39							
	CDBG-WIS PAK	7220 46							
	LAGOON AERATORS-ARRA	7220 47							
	RAILROAD BORE	7220 48							
	SEWER PHASE II	7220 50							
	CDBG-USA YEAST	7220 51							
	SEWER PHASE IV	7220 53							
168969	LAKE FORGETFULL RD	7220 62	594039	430679	163360	33.3	72.5	697,998	117.5
3850	S 31st AVE DRAINAGE	7220 65	194217	194217		33.3	100.0	388,434	200.0
	S 31st AVE SEWER	7220 66							
3371	LAMAR BLVD-REGIONS	7220 67	667000	28750	638250	33.3	4.3	580,750-	87.0-
	PROGRAMMED SEWER PROJ	7220 99	751896	104232	647664	33.3	13.8	439,200-	58.4-
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176190	SEWERS		2207152	757878	1449274	33.3	34.3	66,482	3.0
	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	33.3	99.9	70,785	199.9
	OLD 98/RUNNELS RD WTR	7245 11							
	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 54							
4429	2017 WATER IMPROVEMEN	7245 61	16457	16456	1	33.3	99.9	32,911	199.9
	PROGRAMMED WATER PROJ	7245 99	1048149	8516	1039633	33.3	.8	1,022,601-	97.5-
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4429	WATER SYSTEMS		1100000	60365	1039635	33.3	5.4	918,904-	83.5-
	OTHER IMPROVEMENTS	7295							
	SCS PROJECT MATCH	7295 20							
	NRCS EROSION CONTROL	7295 21							
	TURTLECREEK-STORM DRA	7295 26							
	TURTLECREEK-WATER/SEW	7295 27							
	THORNHILL DRIVE	7295 69	9848	9848	1	33.3	100.0	19,696	200.0
42903	TANK PAINTING/MAINT	7295 98	250000	85806	164194	33.3	34.3	7,418	2.9
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42903	OTHER IMPROVEMENTS		259848	95654	164194	33.3	36.8	27,114	10.4

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223522	IMPROVEMENT OTHER TH	3567000		913898	2653102	33.3	25.6	825,306-	23.1-
	MACHINERY AND EQUIPMENT								
	OFFICE FURN/EQUIP. 7325								
	PIPE 7370								
	OTHER EQUIPMENT 7399								
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	MACHINERY AND EQUIPM								
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223522	CAPITAL OUTLAY	3567000		913898	2653102	33.3	25.6	825,306-	23.1-
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276926	EXPENDITURES	5067000		1272715	3794285	33.3	25.1	1,248,854-	24.6-

077650 - COMMUNITY CTR-ADMIN/GENERAL

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER	%
	SALARIES							
24622	REGULAR WAGES 4000	358130		108510	249620	33.3 30.2	32,600-	9.1-
	DISASTER RECOVERY WAGE 4010							
551	OVERTIME 4300	10000		3602	6398	33.3 36.0	806	8.0
	DISASTER RECOVERY OVER 4310							
25174	SALARIES	368130		112112	256018	33.3 30.4	31,794-	8.6-
	EMPLOYEE BENEFITS							
3965	STATE RETIREMENT 4600	57980		17658	40322	33.3 30.4	5,006-	8.6-
1878	F.I.C.A. TAXES 4700	28170		8391	19779	33.3 29.7	2,996-	10.6-
7540	HOSPITALIZATION INS. 4800	109200		31320	77880	33.3 28.6	15,240-	13.9-
	UNEMPLOYMENT BENEFITS 4900	500			500	33.3	500-	100.0-
	WORKMAN'S COMPENSATION 4910	12000			12000	33.3	12,000-	100.0-
13383	EMPLOYEE BENEFITS	207850		57369	150481	33.3 27.6	35,742-	17.1-
38556	PERSONAL SERVICES	575980		169481	406499	33.3 29.4	67,536-	11.7-
	OFFICE SUPPLIES							
	PAPER 5003							
	PRINTED FORMS 5005							
	OTHER EXPENDABLE OFF.S 5010	1000		123	877	33.3 12.3	630-	63.0-
217	MINOR OFFICE EQUIP/FUR 5020	1000		217	783	33.3 21.7	348-	34.8-
	PHOTO SUPPLIES 5040							
	SUBSCRIPTIONS,MAGS,MAP 5050							
	BOOKS 5070							
217	OFFICE SUPPLIES	2000		340	1660	33.3 17.0	980-	49.0-
	OPERATING SUPPLIES							
	CLEANING/JANITORIAL SP 5100	10000	348	2638	7014	33.3 26.3	2,086-	20.8-
	HOUSEHOLD SUPPLIES 5110							
	FOOD 5115							
	MEDICAL SUPPLIES 5120	250			250	33.3	250-	100.0-
	CHEMICALS 5130							
118	GAS AND OIL 5250	9000		1019	7981	33.3 11.3	5,942-	66.0-
	WEARING APPAREL 5355	500		353	147	33.3 70.6	559	111.8
	HORT./LANDSCAPING SPLY 5440	2800		1239	1561	33.3 44.2	917	32.7
	HAND TOOLS 5450							
115	MINOR EQUIPMENT 5460	12500		1556	10944	33.3 12.4	7,832-	62.6-
	MDSE FOR RESALE 5520							
136	OTHER OPERATING MATL/S 5590	11000		202	10798	33.3 1.8	10,394-	94.4-
369	OPERATING SUPPLIES	46050	348	7006	38696	33.3 15.2	25,032-	54.3-
	REPAIR & MAINTENANCE SP							
	BUILDING MATERIALS & S 5600	5000		166	4834	33.3 3.3	4,502-	90.0-
	ELECTRICAL SUPPLIES 5605	5000		191	4809	33.3 3.8	4,426-	88.5-
65	PLUMBING SUPPLIES 5610	4000		756	3244	33.3 18.9	1,732-	43.3-
105	PAINT AND PAINTING SPL 5650	2000		105	1895	33.3 5.2	1,684-	84.2-
	MTR VEHICLE REP. PTS/S 5700	2000			2000	33.3	2,000-	100.0-
94	OTHER REPAIR/MAINT. SP 5990	1000		149	851	33.3 14.9	552-	55.2-

264	REPAIR & MAINTENANCE	19000		1367	17633	33.3	7.1	14,898-	78.4-
850	SUPPLIES AND EXPENSES	67050	348	8714	57989	33.3	12.9	40,908-	61.0-
	PROFESSIONAL SERVICES								
	ENTERTAINMENT 6033								
	OTHER PROFESSIONAL SER 6049	8000		487	7513	33.3	6.0	6,538-	81.7-
	PROFESSIONAL SERVICE	8000		487	7513	33.3	6.0	6,538-	81.7-
	COMMUNICATIONS								
60	TELEPHONE AND TELEGRAP 6060	3000		303	2697	33.3	10.1	2,090-	69.6-
	POSTAGE 6070								
60	COMMUNICATIONS	3000		303	2697	33.3	10.1	2,090-	69.6-
	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								
2577	GAS 6300	8000		3653	4347	33.3	45.6	2,959	36.9
5199	ELECTRICITY 6305	82000		22055	59945	33.3	26.8	15,834-	19.3-
7776	UTILITIES	90000		25708	64292	33.3	28.5	12,876-	14.3-
	REPR/MAINT-OUTSIDE LABO								
185	BUILDING R&M 6350	16510	6,739	185	9586	33.3	1.1	15,954-	96.6-
	ELECTRICAL R&M 6355								
	PLUMBING EQUIPMENT R&M 6357	2250	350	288	1612	33.3	12.8	1,386-	61.6-
	OFFICE EQUIPMENT R&M 6365								
3654	HOUSEHOLD EQUIPMENT R& 6370	9000		3854	5146	33.3	42.8	2,562	28.4
4676	FIXED EQUIPMENT R&M 6380	12250		9085	3165	33.3	74.1	15,005	122.4
	MINOR EQUIPMENT R&M 6382	600			600	33.3		600-	100.0-
	MOTOR VEHICLE EQ. R&M 6384	1750		38	1712	33.3	2.1	1,636-	93.4-
	CLEANING AND PAINTING 6392	12500		975	11525	33.3	7.8	9,574-	76.5-
307	DISINFECT./EXTERMINATI 6394	7000		2109	4891	33.3	30.1	672-	9.6-
75	TOW IN CHARGES 6398	250		75	175	33.3	30.0	24-	9.6-
	OTHER REPAIRS AND MAIN 6399	4900		3201	1699	33.3	65.3	4,703	95.9
8897	REPR/MAINT-OUTSIDE L	67010	7,089	19810	40112	33.3	29.5	7,580-	11.3-
	RENTALS								
	OFFICE EQUIPMENT RENT 6410								
	CYLINDER RENT 6425								
	UNIFORM RENT 6430	3000		947	2053	33.3	31.5	158-	5.2-
	MOP-MAT-RAG RENT 6435								
	OTHER RENT 6449								

-----	RENTALS	3000	-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHARGE			947	2053	33.3	31.5	158-	5.2-
	BANK SERV/TRF FEE 6832	50			50	33.3		50-	100.0-
	DUES AND MEMBERSHIPS 6840								
	REGISTRATION FEE/TUITI 6845	1000			1000	33.3		1,000-	100.0-
	PAYMENTS-TOURING EVENT 6997								
	SPECIAL EVENTS EXPENDI 6998								
	SERVICES NOT SPECIFIED 6999	2950		327	2623	33.3	11.0	1,968-	66.7-
-----		-----	-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHA	4000		327	3673	33.3	8.1	3,018-	75.4-
-----		-----	-----	-----	-----	-----	-----	-----	-----
16733	OTHER SERVICES & CHAR	175010	7,089	47581	120340	33.3	27.1	32,266-	18.4-
	BUILDING/BLD IMPROVEMEN								
	BUILDING IMPROVEMENTS 7150								
	REC.CENTER (OLD YMCA) 7150 10	27250			27250	33.3		27,250-	100.0-
	CULTURAL CTR 7150 14								
	JDS COMM CTR 7150 19	77500			77500	33.3		77,500-	100.0-
	SIGLER CENTER 7150 20								
	CE ROY/5TH ST 7150 21								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	BUILDING IMPROVEMEN	104750			104750	33.3		104,750-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
	BUILDING/BLD IMPROVE	104750			104750	33.3		104,750-	100.0-
	IMPROVEMENT OTHER THAN								
	OTHER IMPROVEMENTS 7295								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH								
	MACHINERY AND EQUIPMENT								
	HOUSEHOLD FURN/EQUIP. 7320	20000			20000	33.3		20,000-	100.0-
	OFFICE FURN/EQUIP. 7325								
	COMMUNICATION EQUIPMEN 7355								
	OTHER EQUIPMENT 7399								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM	20000			20000	33.3		20,000-	100.0-
	VEHICLES								
	AUTOMOBILES 7400								
	PICK UP TRUCKS 7420								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	VEHICLES								
-----		-----	-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	124750			124750	33.3		124,750-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----	-----
56139	EXPENDITURES	942790	7,437	225776	709578	33.3	23.9	265,462-	28.1-

078500 - '09 WTR METER PROJ-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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							

078635 - '09 WATER METER PROJ-CIP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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							
-----		-----	-----	-----	-----	-----	-----	-----
	OPERATING SUPPLIES							
-----		-----	-----	-----	-----	-----	-----	-----
	SUPPLIES AND EXPENSES							
	PROFESSIONAL SERVICES							
	ENGINEERING 6015							
	CONSULTANT SERV/SURVEY 6020							
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR							
	BUILDING/BLD IMPROVEMEN							
	BUILDING IMPROVEMENTS 7150							
	FUTURE PROJECT 7150 18							
-----		-----	-----	-----	-----	-----	-----	-----
	BUILDING IMPROVEMEN							
-----		-----	-----	-----	-----	-----	-----	-----
	BUILDING/BLD IMPROVE							
	MACHINERY AND EQUIPMENT							
	WATER UTILITY SOFTWARE 7329							
	HYDRANTS & METERS 7365							
-----		-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY							
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES							

082285 - CDBG-ENTITLEMENTS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN	ACTUAL	PROJECTED.... OVER/UNDER	%
8352	SALARIES REGULAR WAGES OVERTIME	4000 4300		34334	102891	33.3	25.0	34,223-	24.9-
8352	SALARIES			34334	102891	33.3	25.0	34,223-	24.9-
1196	EMPLOYEE BENEFITS STATE RETIREMENT	4600		4926	16692	33.3	22.7	6,840-	31.6-
566	F.I.C.A. TAXES	4700		2332	8181	33.3	22.1	3,517-	33.4-
1740	HOSPITALIZATION INS.	4800		6960	28140	33.3	19.8	14,220-	40.5-
	UNEMPLOYMENT BENEFITS	4900							
	WORKMAN'S COMPENSATION	4910		3400	3400	33.3		3,400-	100.0-
3501	EMPLOYEE BENEFITS			14218	56413	33.3	20.1	27,977-	39.6-
11853	PERSONAL SERVICES			48552	159304	33.3	23.3	62,200-	29.9-
29	OFFICE SUPPLIES PAPER	5003		41	709	33.3	5.4	626-	83.4-
	PRINTED FORMS	5005							
192	OTHER EXPENDABLE OFF.S	5010		456	744	33.3	38.0	168	14.0
	MINOR OFFICE EQUIP/FUR	5020			1500	33.3		1,500-	100.0-
	PHOTO SUPPLIES	5040							
	SUBSCRIPTIONS,MAGS,MAP	5050							
	BOOKS	5070							
	COMPUTER SUPPLIES	5080							
222	OFFICE SUPPLIES			497	2953	33.3	14.4	1,958-	56.7-
139	OPERATING SUPPLIES FOOD	5115		328	472	33.3	41.0	184	23.0
	GAS AND OIL	5250							
	LUBRICANTS	5255			500	33.3		500-	100.0-
	MINOR EQUIPMENT	5460			200	33.3		200-	100.0-
	OTHER OPERATING MATL/S	5590			200	33.3		200-	100.0-
	OTHER OPER.MATLS-FULL	5591							
	OTHER OPER.MATLS-EMER	5592							
139	OPERATING SUPPLIES			328	1372	33.3	19.2	716-	42.1-
	REPAIR & MAINTENANCE SP								
	BUILDING MATERIALS & S	5600							
	PAINT AND PAINTING SPL	5650							
	MTR VEHICLE REP. PTS/S	5700		53	547	33.3	8.8	440-	73.3-
	MINOR COMPUTER EQUIP.	5800							
	REPAIR & MAINTENANCE			53	547	33.3	8.8	440-	73.3-
361	SUPPLIES AND EXPENSES			879	4871	33.3	15.2	3,112-	54.1-
	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	65335	65335	33.3		65,335-	100.0-
	DOWNTOWN LIGHTING	6049	04						
	RECORDING FEES	6049	06	100	100	33.3		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	27992	27992	33.3		27,992-	100.0-
	PLANNING	6049	15						
	HABITAT PROGRAM	6049	16						
	PRVO EXPENDITURE	6049	17						
	EATON SCHOOL	6049	18						
	HOME BUYERS' EDUCATIO	6049	19						
	EARLY WARNING ALERT P	6049	20						
	RELOCATION	6049	21						
	LEAD TESTING/ABATEMEN	6049	22						
	ASBESTOS TESTING/ABAT	6049	23						
	INTERIM ASSISTANCE	6049	24	7000	1162	5838	33.3 16.6	3,514-	50.2-
	OTHER	6049	99						
	OTHER PROFESSIONAL			100427	1162	99265	33.3 1.1	96,941-	96.5-
	PROFESSIONAL SERVICE			100427	1162	99265	33.3 1.1	96,941-	96.5-
	COMMUNICATIONS								
181	TELEPHONE AND TELEGRAP	6060		950	241	709	33.3 25.3	226-	23.7-
181	COMMUNICATIONS			950	241	709	33.3 25.3	226-	23.7-
	TRANSPORTATION								
	TRAVEL EXPENSE	6110			273-	273		819	
	MESSENGER/EXPRESS SERV	6130							
	TRANSPORTATION				273-	273		819	
	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-		138	
	REPR/MAINT-OUTSIDE L				46	46-		138	
	RENTALS								
	OFFICE EQUIPMENT RENT	6410							
	OTHER RENT	6449							

RENTALS									
OTHER SERVICES & CHARGE									
EXHIBITIONS & PROMOTIO 6500									
DISABILITY AWARENESS 6500 02									

EXHIBITIONS & PROMO									
BANK SERV/TRF FEE 6832									
DUES AND MEMBERSHIPS 6840 415 415 33.3 415- 100.0-									
REGISTRATION FEE/TUITI 6845									
SERVICES NOT SPECIFIED 6999									

OTHER SERVICES & CHA 415 415 33.3 415- 100.0-									

181	OTHER SERVICES & CHAR	101792	1175	100617	33.3	1.1	98,266-	96.5-	

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									
6549	CDBG FULL REHAB	7254 01	224714	78060	146654	33.3	34.7	9,466	4.2
	CDBG HOUSING REPR	7254 02	50000	16549	33451	33.3	33.0	352-	.7-
	HOME FULL REHAB	7254 03	100000		100000	33.3		100,000-	100.0-
	HOME DOWNPAYMENT ASST	7254 04	50000		50000	33.3		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	33.3		25,000-	100.0-

6549	CDBG/HOME HOUSING		449714	94609	355105	33.3	21.0	165,886-	36.8-
	CDBG-ENTITLEMT ASSISTA	7285							
	HOME ENTITLEMT ASSISTA	7286							

-----	TENANT BASED RENTAL A 7286 01	2500	-----	-----	2500	33.3	-----	2,500-	100.0-
-----	HOME ENTITLEMT ASSI	2500	-----	-----	2500	33.3	-----	2,500-	100.0-
-----	MDA AM DREAM D/P (ADDI 7287	130000	-----	-----	130000	33.3	-----	130,000-	100.0-
-----	OTHER IMPROVEMENTS 7295		-----	-----			-----		
6549	IMPROVEMENT OTHER TH	582214	-----	94609	487605	33.3	16.2	298,386-	51.2-
	MACHINERY AND EQUIPMENT		-----						
	OFFICE FURN/EQUIP. 7325		-----						
	DATA PROCESSING EQUIP. 7327		-----						
-----	MACHINERY AND EQUIPM		-----						
	VEHICLES		-----						
	AUTOMOBILES 7400		-----						
	PICK UP TRUCKS 7420		-----						
-----	VEHICLES		-----						
6549	CAPITAL OUTLAY	582214	-----	94609	487605	33.3	16.2	298,386-	51.2-
-----			-----						
18943	EXPENDITURES	897612	-----	145215	752397	33.3	16.1	461,966-	51.4-

082500 - CDBG-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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

4 Months Ending 01/31/18

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

4 Months Ending 01/31/18

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							
875	ADMINISTRATIVE FEE 6005			875	875-		2,625	
	AUDITING AND ACCOUNTIN 6010							
	ARCHITECTURAL 6012							
1575	ENGINEERING/ENVIRONMEN 6015			1575	1575-		4,725	
	SITE PREPARATION 6016							
	APPRAISAL 6017							
	CONSULTANT SERV/SURVEY 6020							
	AREA DEV.PARTNERSHIP 6020 01			97500	97500-		292,500	
	OTHER 6020 03							
	IND.PK.MASTER PLAN 6020 04							
-----		-----	-----	-----	-----	-----	-----	-----
	CONSULTANT SERV/SUR			97500	97500-		292,500	
1125	LEGAL 6025			1125	1125-		3,375	
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
3575	PROFESSIONAL SERVICE			101075	101075-		303,225	
	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		180	180-		540	
	RAIL SPURS MAINTENANCE	6399 02		29712	29712-		89,136	
-----			-----	-----	-----	-----	-----	-----
	REPR/MAINT-OUTSIDE L			29892	29892-		89,676	
	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							
-----			-----	-----	-----	-----	-----	-----
3575	OTHER SERVICES & CHAR			130967	130967-		392,901	

	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							
-----			-----	-----	-----	-----	-----	-----
3575	EXPENDITURES			130967	130967-		392,901	

087630 - INDUSTRIAL PK-KOHLER PROJECT

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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

4 Months Ending 01/31/18

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-S/P 9000 20							
-----			-----	-----	-----	-----	-----	-----	-----
		TRANSFERS TO OTHER F							
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		TRANSFERS							
-----			-----	-----	-----	-----	-----	-----	-----
		EXPENDITURES							

088602 - PUBLIC SAFETY/REC CONSTRUCTION

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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						
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	OTHER SERVICES & CHA						
-----		-----	-----	-----	-----	-----	-----
	OTHER SERVICES & CHAR						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

088603 - PUBLIC SAFETY/REC CONSTRUCTION

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
4 Months Ending 01/31/18

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	33.3	679,847-	99.7-
	RECREATION ADMIN BLDG 7100 14							
	MUNICIPAL COURT BLDG 7100 15							
	FIRE ADMINISTRATION 7100 21							
	POLICE DEPARTMENT 7100 22							
-----		-----	-----	-----	-----	-----	-----	-----
	BUILDINGS	681413		522	680891	33.3	679,847-	99.7-
-----		-----	-----	-----	-----	-----	-----	-----
	BUILDING/BLD IMPROVE	681413		522	680891	33.3	679,847-	99.7-
	IMPROVEMENT OTHER THAN							
	OTHER IMPROVEMENTS 7295							
	SOUTHERN POINTE/TIF P 7295 31							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS							
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	681413		522	680891	33.3	679,847-	99.7-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	681413		522	680891	33.3	679,847-	99.7-

089500 - MDA ENERGY EFFICIENCY CAP PROJ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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-H/D 9000 21						
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F						
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

089602 - MDA ENERGY EFFICIENCY CAP PROJ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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						
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	OTHER SERVICES & CHA						
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	OTHER SERVICES & CHAR						
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	EXPENDITURES						

089603 - MDA ENERGY EFFICIENCY CAP PROJ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	33.3	32,735- 100.0-
	LIGHTING UPGRADE-ENTE 7295 57						
	ENERGY MGMT CTRL SYS 7295 58						
	ENERGY MGMT CTRL SYS 7295 59	23990			23990	33.3	23,990- 100.0-
	BOILER REPLACEMENT-EN 7295 60						
	SMALL UNITARY EQUIP R 7295 61	3529			3529	33.3	3,529- 100.0-
	CITY HALL HVAC UPGRAD 7295 62	21136			21136	33.3	21,136- 100.0-
	JACKIE DOLE HVAC UPGR 7295 63						
	WATER TRTMT PLT CTRL 7295 64	61398			61398	33.3	61,398- 100.0-
	LIFT STATION CTRL UPG 7295 65	134040			134040	33.3	134,040- 100.0-
	WATER CONSERVATION OP 7295 66	131182		405010	273828-	33.3 308.7	1,083,848 826.2
	SOLAR PHOTO-VOLTAIC S 7295 67						
	OTHER REPAIRS/LEAKS 7295 68	197798			197798	33.3	197,798- 100.0-
-----		-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS	605808		405010	200798	33.3 66.8	609,222 100.5
-----		-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH	605808		405010	200798	33.3 66.8	609,222 100.5
-----		-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	605808		405010	200798	33.3 66.8	609,222 100.5
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	605808		405010	200798	33.3 66.8	609,222 100.5

CITY OF HATTIESBURG

ALL FUNDS

THIS MONTH

OBJ / SUB

ANNUAL

OPEN PO

YTD

REMAINING

PERCENT

...PROJECTED...

BUDGET

& CONTRACTS

ACTUAL

BALANCE

[illegible]

	OVER/UNDER	%
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99		
100		

%

T/T SPECIAL STREET 9000 08

T/T B&I CITY 9000 13

T/T 2003 TIF B&I-CHAUV 9000 22

T/T 2008 TIF B&I-LINCO 9000 24

TRANSFERS TO OTHER F

TRANSFERS

EXPENDITURES

090602 - 2008 D/T LIGHTING-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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						
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	OTHER SERVICES & CHAR						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS
4 Months Ending 01/31/18

...PROJECTED...
OVER/UNDER %

EXPENDITURES

091500 - TIF CONST-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	33.3	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	33.3	207- 100.0-
-----	TRANSFERS	207	-----	-----	207	33.3	207- 100.0-
-----	EXPENDITURES	207	-----	-----	207	33.3	207- 100.0-

091602 - TIF CONST-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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						
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	PRINTING AND BINDING						
	OTHER SERVICES & CHARGE						
	SERVICES NOT SPECIFIED 6999						
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	OTHER SERVICES & CHA						
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	OTHER SERVICES & CHAR						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

091603 - TIF CONST-STREETS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	-----	-----	-----	-----	-----	-----
-----		EXPENDITURES	-----	-----	-----	-----	-----	-----

093500 - '16 W&S SYSTEMS PROJ-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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						
	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

4 Months Ending 01/31/18

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							
-----			-----	-----	-----	-----	-----	-----	-----
		EXPENDITURES							

093695 - 2016 W&S SYSTEMS PROJ-CONSTRUC

CITY OF HATTIESBURG
EXPENDITURE REPORT
ALL FUNDS

4 Months Ending 01/31/18

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	635143		169954	465189	33.3 26.7	125,281-	19.7-
	LEGAL 6025							
	OTHER PROFESSIONAL SER 6049							
-----		-----	-----	-----	-----	-----	-----	-----
	PROFESSIONAL SERVICE	635143		169954	465189	33.3 26.7	125,281-	19.7-
	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	33.3 26.7	125,281-	19.7-
	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	37370	2,240	1630-	36760	33.3 4.3	32,480-	86.9-
	SEWER PHASE V 7220 54	1084613		3913	1080700	33.3 .3	1,072,873-	98.9-
	LAKE FORGETFUL RD 7220 62	87740		17359	70381	33.3 19.7	35,662-	40.6-
	30TH & CHEVY CHASE 7220 63	86425		11550-	97975	33.3 13.3	51,775-	59.9-
	LAMAR BOULEVARD 7220 64	41448		9966-	51414	33.3 24.0	11,550-	27.8-
	SEWER PHASE VIII 7220 70	5000000		41973	4958028	33.3 .8	4,874,080-	97.4-
	SEWER PHASE IX 7220 71	650000			650000	33.3	650,000-	100.0-
	SEWER PHASE X 7220 72	4300000		22130	4277870	33.3 .5	4,233,610-	98.4-
	SEWER PHASE XI 7220 73	1500000			1500000	33.3	1,500,000-	100.0-
	SEWER PHASE XII 7220 74	2450000		6805	2443195	33.3 .2	2,429,584-	99.1-
	CCTV SEWER INSPECTION 7220 96							
	LAGOON DREDGING LOAN 7220 97							
-----		-----	-----	-----	-----	-----	-----	-----
	SEWERS	15237596	2,240	69033	15166323	33.3 .4	15,030,496-	98.6-
	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-		27,474		
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	106788	1948213	33.3 5.1	1,734,636-	84.4-	
WATER PHASE III	7245 52	4330	4330		33.3 100.0	8,660	200.0	
WATER PHASE IV	7245 53	226815	226814	1	33.3 99.9	453,627	199.9	
WATER PHASE V	7245 62	1143730	7675	1136055	33.3 .6	1,120,704-	97.9-	
-----	-----	-----	-----	-----	-----	-----	-----	
WATER SYSTEMS		3429875		354765	3075110	33.3 10.3	2,365,579-	68.9-
OTHER IMPROVEMENTS	7295							
WATER PLANT #1 REHAB	7295 70	16680	16680		33.3 100.0	33,360	200.0	
WASTEWATER TREATMENT	7295 98							
MISC.OTHER IMPROVEMEN	7295 99	4762849		4762849	33.3	4,762,849-	100.0-	
-----	-----	-----	-----	-----	-----	-----	-----	
OTHER IMPROVEMENTS		4779529		16680	4762849	33.3 .3	4,729,489-	98.9-
-----	-----	-----	-----	-----	-----	-----	-----	
IMPROVEMENT OTHER TH		23447000	2,240	440478	23004282	33.3 1.8	22,125,566-	94.3-
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CAPITAL OUTLAY		23447000	2,240	440478	23004282	33.3 1.8	22,125,566-	94.3-
-----	-----	-----	-----	-----	-----	-----	-----	
EXPENDITURES		24082143	2,240	610432	23469471	33.3 2.5	22,250,847-	92.3-

094500 - '12 W&S BOND CONST-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	33.3	61- 100.0-
	T/T 2013 W&S BOND CONS 9000 105						
-----		-----	-----	-----	-----	-----	-----
	TRANSFERS TO OTHER F	61			61	33.3	61- 100.0-
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	TRANSFERS	61			61	33.3	61- 100.0-
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	EXPENDITURES	61			61	33.3	61- 100.0-

094602 - 2012 W&S CONST-ISSUE EXP

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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

4 Months Ending 01/31/18

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						
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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						
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	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

4 Months Ending 01/31/18

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						
-----		-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY						
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES						

CITY OF HATTIESBURG

ALL FUNDS

OPEN PO

....PROJECTED....
OVER/UNDER %

EXPENDITURES

096402 - MDB CAPITAL PROJ-ECONOMIC DEV.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	-----	-----	-----	-----	-----	-----

096500 - MDB CAPITAL PROJ-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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 B&I CITY						
-----	9000 13		-----	-----	-----	-----	-----	-----
		TRANSFERS TO OTHER F						
-----			-----	-----	-----	-----	-----	-----
		TRANSFERS						
-----			-----	-----	-----	-----	-----	-----
		EXPENDITURES						

CITY OF HATTIESBURG

ALL FUNDS

THIS MONTH
ACTUAL

ANNUAL
BUDGET

OPEN PO
& CONTRACTS

YTD
ACTUAL

REMAINING
BALANCE

PERCENT
PLAN ACTUAL

.....PROJECTED.....
OVER/UNDER %

6025

LEGAL

6200

PRINTING

OTHER SERVICES & CHAR

EXPENDITURES

THIS MONTH
ACTUAL

OBJ/SUB

4 Months Ending 01/31/18

REMAINING	PERCENT	PROJECTED....
BALANCE	PLAN ACTUAL	OVER/UNDER %

EXPENDITURES

CITY OF HATTIESBURG

ALL FUNDS

THIS MONTH

OBJ / SUB

ANNUAL

OPEN PO

YTD

REMAINING

PERCENT

...PROJECTED...

BUDGET

& CONTRACTS

ACTUAL

BALANCE

	PLAN	ACTUAL
--	------	--------

	OVER/UNDER	%
1		
2		
3		
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100		

%

7226

KAB/LANDSCAPING

RECREATION IMPROVEMENT 7256

MISC.REC.IMPR. 7256 99

RECREATION IMPROVEM

IMPROVEMENT OTHER TH

CAPITAL OUTLAY

EXPENDITURES

098341 - K.P.ZOO CAPITAL-KPZ

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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	33.3	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	33.3	2,248-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH	2248			2248	33.3	2,248-	100.0-
	MACHINERY AND EQUIPMENT							
	OTHER EQUIPMENT 7399							
-----		-----	-----	-----	-----	-----	-----	-----
	MACHINERY AND EQUIPM							
	OTHER							
	ZOOLOGICAL ANIMALS 7505							
-----		-----	-----	-----	-----	-----	-----	-----
	OTHER							
-----		-----	-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	2248			2248	33.3	2,248-	100.0-
-----		-----	-----	-----	-----	-----	-----	-----
	EXPENDITURES	2248			2248	33.3	2,248-	100.0-

CITY OF HATTIESBURG

ALL FUNDS

THIS MONTH

OBJ / SUB

ANNUAL

OPEN PO

YTD

REMAINING

PERCENT

...PROJECTED...

BUDGET

& CONTRACTS

ACTUAL

BALANCE

	PLAN	ACTUAL
--	------	--------

	OVER/UNDER	%
1		
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99		
100		

%

7250

LANDSCAPING

OTHER IMPROVEMENTS

7295

CEMETERY PROJ.IMPR.

7295 30

OTHER IMPROVEMENTS

IMPROVEMENT OTHER TH

CAPITAL OUTLAY

EXPENDITURES

099500 - '10 W&S GO BOND-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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

4 Months Ending 01/31/18

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

4 Months Ending 01/31/18

YTD
ACTUAL

	PERCENT	
	PLAN	ACTUAL
1. Total	100.00	100.00
2. General	100.00	100.00
3. Special	100.00	100.00
4. Other	100.00	100.00
5. Total	100.00	100.00
6. General	100.00	100.00
7. Special	100.00	100.00
8. Other	100.00	100.00
9. Total	100.00	100.00
10. General	100.00	100.00
11. Special	100.00	100.00
12. Other	100.00	100.00
13. Total	100.00	100.00
14. General	100.00	100.00
15. Special	100.00	100.00
16. Other	100.00	100.00
17. Total	100.00	100.00
18. General	100.00	100.00
19. Special	100.00	100.00
20. Other	100.00	100.00
21. Total	100.00	100.00
22. General	100.00	100.00
23. Special	100.00	100.00
24. Other	100.00	100.00
25. Total	100.00	100.00
26. General	100.00	100.00
27. Special	100.00	100.00
28. Other	100.00	100.00
29. Total	100.00	100.00
30. General	100.00	100.00
31. Special	100.00	100.00
32. Other	100.00	100.00
33. Total	100.00	100.00
34. General	100.00	100.00
35. Special	100.00	100.00
36. Other	100.00	100.00
37. Total	100.00	100.00
38. General	100.00	100.00
39. Special	100.00	100.00
40. Other	100.00	100.00
41. Total	100.00	100.00
42. General	100.00	100.00
43. Special	100.00	100.00
44. Other	100.00	100.00
45. Total	100.00	100.00
46. General	100.00	100.00
47. Special	100.00	100.00
48. Other	100.00	100.00
49. Total	100.00	100.00
50. General	100.00	100.00
51. Special	100.00	100.00
52. Other	100.00	100.00
53. Total	100.00	100.00
54. General	100.00	100.00
55. Special	100.00	100.00
56. Other	100.00	100.00
57. Total	100.00	100.00
58. General	100.00	100.00
59. Special	100.00	100.00
60. Other	100.00	100.00
61. Total	100.00	100.00
62. General	100.00	100.00
63. Special	100.00	100.00
64. Other	100.00	100.00
65. Total	100.00	100.00
66. General	100.00	100.00
67. Special	100.00	100.00
68. Other	100.00	100.00
69. Total	100.00	100.00
70. General	100.00	100.00
71. Special	100.00	100.00
72. Other	100.00	100.00
73. Total	100.00	100.00
74. General	100.00	100.00
75. Special	100.00	100.00
76. Other	100.00	100.00
77. Total	100.00	100.00
78. General	100.00	100.00
79. Special	100.00	100.00
80. Other	100.00	100.00
81. Total	100.00	100.00
82. General	100.00	100.00
83. Special	100.00	100.00
84. Other	100.00	100.00
85. Total	100.00	100.00
86. General	100.00	100.00
87. Special	100.00	100.00
88. Other	100.00	100.00
89. Total	100.00	100.00
90. General	100.00	100.00
91. Special	100.00	100.00
92. Other	100.00	100.00
93. Total	100.00	100.00
94. General	100.00	100.00
95. Special	100.00	100.00
96. Other	100.00	100.00
97. Total	100.00	100.00
98. General	100.00	100.00
99. Special	100.	

....PROJECTED....
OVER/UNDER %

7230 36

EXPENDITURES

THIS MONTH
ACTUAL

EXPENDITURE REPORT

4 Months Ending 01/31/18

OPEN PO
& CONTRACTS

YTD
ACTUAL

REMAINING
BALANCE

	PERCENT	PLAN	ACTUAL
1. Total	100.00	100.00	100.00
2. General Fund	100.00	100.00	100.00
3. Special Funds	100.00	100.00	100.00
4. Capital Projects	100.00	100.00	100.00
5. Debt Service	100.00	100.00	100.00
6. Other	100.00	100.00	100.00

.....PROJECTED.....
OVER/UNDER %

099627 - 2010 W & S GO BOND-WATER

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH			ANNUAL	OPEN PO	YTD	REMAINING	PERCENT	PROJECTED....
ACTUAL	OBJ/SUB		BUDGET	& CONTRACTS	ACTUAL	BALANCE	PLAN ACTUAL	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

CITY OF HATTIESBURG

ALL FUNDS

THIS MONTH

OBJ / SUB

ANNUAL

OPEN PO

YTD

REMAINING

PERCENT

...PROJECTED...

BUDGET

& CONTRACTS

ACTUAL

BALANCE

	PLAN	ACTUAL
1. Total	100.00	100.00
2. 100.00	100.00	100.00
3. 100.00	100.00	100.00
4. 100.00	100.00	100.00
5. 100.00	100.00	100.00
6. 100.00	100.00	100.00
7. 100.00	100.00	100.00
8. 100.00	100.00	100.00
9. 100.00	100.00	100.00
10. 100.00	100.00	100.00
11. 100.00	100.00	100.00
12. 100.00	100.00	100.00
13. 100.00	100.00	100.00
14. 100.00	100.00	100.00
15. 100.00	100.00	100.00
16. 100.00	100.00	100.00
17. 100.00	100.00	100.00
18. 100.00	100.00	100.00
19. 100.00	100.00	100.00
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21. 100.00	100.00	100.00
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23. 100.00	100.00	100.00
24. 100.00	100.00	100.00
25. 100.00	100.00	100.00
26. 100.00	100.00	100.00
27. 100.00	100.00	100.00
28. 100.00	100.00	100.00
29. 100.00	100.00	100.00
30. 100.00	100.00	100.00
31. 100.00	100.00	100.00
32. 100.00	100.00	100.00
33. 100.00	100.00	100.00
34. 100.00	100.00	100.00
35. 100.00	100.00	100.00
36. 100.00	100.00	100.00
37. 100.00	100.00	100.00
38. 100.00	100.00	100.00
39. 100.00	100.00	100.00
40. 100.00	100.00	100.00
41. 100.00	100.00	100.00
42. 100.00	100.00	100.00
43. 100.00	100.00	100.00
44. 100.00	100.00	100.00
45. 100.00	100.00	100.00
46. 100.00	100.00	100.00
47. 100.00	100.00	100.00
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49. 100.00	100.00	100.00
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51. 100.00	100.00	100.00
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53. 100.00	100.00	100.00
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59. 100.00	100.00	100.00
60. 100.00	100.00	100.00
61. 100.00	100.00	100.00
62. 100.00	100.00	100.00
63. 100.00	100.00	100.00
64. 100.00	100.00	100.00
65. 100.00	100.00	100.00
66. 100.00	100.00	100.00
67. 100.00	100.00	100.00
68. 100.00	100.00	100.00
69. 100.00	100.00	100.00
70. 100.00	100.00	100.00
71. 100.00	100.00	100.00
72. 100.00	100.00	100.00
73. 100.00	100.00	100.00
74. 100.00	100.00	100.00
75. 100.00	100.00	100.00
76. 100.00	100.00	100.00
77. 100.00	100.00	100.00
78. 100.00	100.00	100.00
79. 100.00	100.00	100.00
80. 100.00	100.00	100.00
81. 100.00	100.00	100.00
82. 100.00	100.00	100.00
83. 100.00	100.00	100.00
84. 100.00	100.00	100.00
85. 100.00	100.00	100.00
86. 100.00	100.00	100.00
87. 100.00	100.0	

OVER/UNDER	%
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%

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

4 Months Ending 01/31/18

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

4 Months Ending 01/31/18

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	33.3	351,166- 100.0-
-----		-----	-----	-----	-----	-----	-----
	OTHER IMPROVEMENTS	351166			351166	33.3	351,166- 100.0-
-----		-----	-----	-----	-----	-----	-----
	IMPROVEMENT OTHER TH	351166			351166	33.3	351,166- 100.0-
-----		-----	-----	-----	-----	-----	-----
	CAPITAL OUTLAY	351166			351166	33.3	351,166- 100.0-
-----		-----	-----	-----	-----	-----	-----
	EXPENDITURES	351166			351166	33.3	351,166- 100.0-

107500 - SPEC.SALES TAX-TRANSFERS

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

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 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

4 Months Ending 01/31/18

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						
30943	TOURISM COMMISSION 6049 01			145131	145131-		435,393
435848	CONVENTION COMMISSION 6049 02			1738129	1738129-		5,214,387
-----		-----	-----	-----	-----	-----	-----
466792	OTHER PROFESSIONAL			1883260	1883260-		5,649,780
-----		-----	-----	-----	-----	-----	-----
466792	PROFESSIONAL SERVICE			1883260	1883260-		5,649,780
-----		-----	-----	-----	-----	-----	-----
466792	OTHER SERVICES & CHAR			1883260	1883260-		5,649,780
-----		-----	-----	-----	-----	-----	-----
466792	EXPENDITURES			1883260	1883260-		5,649,780

109704 - GROUP INS.TRUST-T&A EXPEND.

CITY OF HATTIESBURG

EXPENDITURE REPORT

ALL FUNDS

4 Months Ending 01/31/18

THIS MONTH ACTUAL	OBJ/SUB	ANNUAL BUDGET	OPEN PO & CONTRACTS	YTD ACTUAL	REMAINING BALANCE	PERCENT PLAN ACTUAL	PROJECTED.... OVER/UNDER %
	OTHER SERVICES & CHARGE						
59	BANK SERV/TRF FEE 6832			245	245-		735
81189	ADMIN PAID 6833			319663	319663-		958,989
242920	CLAIMS PAID 6834			1279837	1279837-		3,839,511
	SERVICES NOT SPECIFIED 6999						
	ACA TRANSITIONAL FEE 6999 01						
-----		-----	-----	-----	-----	-----	-----
	SERVICES NOT SPECIF						
-----		-----	-----	-----	-----	-----	-----
324168	OTHER SERVICES & CHA			1599745	1599745-		4,799,235
-----		-----	-----	-----	-----	-----	-----
324168	OTHER SERVICES & CHAR			1599745	1599745-		4,799,235
-----		-----	-----	-----	-----	-----	-----
324168	EXPENDITURES			1599745	1599745-		4,799,235



City of Hattiesburg, MS

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

Master

File Number: 2018-218

File ID: 2018-218

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 02/08/2018

Brief Title: Unadvertised bid docket acknowledgement for the period of 10/1/2017-12/31/2017.

Final Action:

Minute Book Number: MB2018-43

Title:

Acknowledge receipt of the unadvertised bid purchase docket for the period of October 1, 2017 through December 31, 2017 as provided for in section 31-7-13(b) of the Mississippi Code of 1972.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: VI.-3

Sponsors:

Enactment Date:

Attachments: Memo-Unadvertised bid memo, Unadvetised Bids

Enactment Number:

Contact:

Meeting Date:

Drafter:

Effective Date:

History of Legislative File

Version:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	02/20/2018					

Text of Legislative File 2018-218

Title

Acknowledge receipt of the unadvertised bid purchase docket for the period of October 1, 2017 through December 31, 2017 as provided for in section 31-7-13(b) of the Mississippi Code of 1972.

Summary

Unadvertised bid docket acknowledgement.

Budget Information

Expenditure Type

Purchasing Item

Publication Information



Mayor
Toby Barker

Council-Ward
Jeffrey George

Council-Ward 2
Deborah ~~Denard~~ Delgado

Council -Ward 3
Carter Carroll

Council-Ward 4
Mary Dryden

Council-Ward 5
Nick Brown

MEMORANDUM

TO: Mayor and Council
FROM: LaTasha McDaniel
DATE: February 6, 2018
SUBJECT: Unadvertised Bid Docket Acknowledgement

Attached is the unadvertised bid docket for October 1, 2017 through December 31, 2017. A minimum of two (2) bids have been obtained for each purchase as required by Section 31-7-13 (B) of the Mississippi Code.

This report is submitted for your review, approval, and acknowledgement on the minutes of the City Council Agenda. Should there be any questions, please feel free to contact my office.

LaTasha McDaniel
Purchasing Manager

SUCCESSFUL BID/ OTHER BID	BID RECEIVED	BID AWARDED	BID AMOUNT	PURCHASE ORDER	ITEM DESCRIPTION
NAFECO-NORTH AMERICA FIRE EQUIP CO INC	10/17/17	10/17/17	9,823.20	174317	FIREFIGHTING WEARING APPAREL
EMERGENCY EQUIPMENT PROFESSIONAL INC	10/17/17	10/17/17	10,320.00		
PERFORMANCE RESCUE	10/18/17	10/24/17	17,670.00	174456	CRASH RESCUE EQUIPMENT
OKIE EXTRICATION	10/18/17	10/24/17	19,390.00		
A & R FARM AND GARDEN	10/26/17	10/27/17	14,125.50	174580	RYE GRASS SEED FOR ALL BALLFIELDS/ENHANCEME
AGRI-AFC LLC	10/23/17	10/27/17	15,555.00		
TEMPLE INC	10/30/17	10/30/17	7,416.00	174612	TRAFFIC SIGNALS LED'S
POWELL CONSTRUCTION SERVICES INC	10/30/17	10/30/17	8,424.00		
CHAIN ELECTRIC COMPANY	10/27/17	11/01/17	6,415.00	174704	200A ,240V, 3PHASE ELECTRICAL SERVICE@ JULI
DOLEAC ELECTRIC CO INC	10/31/17	11/01/17	24,650.00		
OTTO ENVIRONMENTAL SYS NA(CONTAINER)	10/30/17	11/02/17	14,722.00	174715	RECYCLING CARTS
SANSOM EQUIPMENT CO	10/30/17	11/02/17	16,700.00		
INNOVATIVE INK	10/31/17	11/02/17	2,973.00	174733	MCNAIR CTR:FALL ADULT SOFTBALL LEAGUE 2017
PLAY IT AGAIN SPORTS	10/23/17	11/02/17	3,186.00		
GROVER'S PAINTING INC	10/31/17	11/02/17	4,637.00	174740	TATUM SOCCER COMPLEX-PAINTING
JACKSON, ROOSEVELT III	10/31/17	11/02/17	6,680.00		
SOUTHERN TIRE MART #9 (MIKES TIRE)	11/01/17	11/06/17	7,434.00	174770	TCX53E TOP TIRE CHANGER
AMERICAN EQUIPMENT SOLUTIONS	10/30/17	11/06/17	7,517.10		
TEMPLE INC	10/30/17	11/06/17	7,416.00	174771	TRAFFIC SIGNALS LED'S
POWELL CONSTRUCTION SERVICES INC	11/03/17	11/06/17	8,388.00		
AUTO TRIM	11/10/17	11/27/17	3,245.00	175255	INSTALL WEISER SOLUTION GUN MOUNTS/LOCK SYS
AFFORDABLE EMERGENCY LIGHTS SERVICE	11/08/17	11/27/17	7,522.50		
FLEET SAFETY EQUIPMENT INC	11/08/17	11/27/17	11,741.00		
MCCURDY, RONNIE	11/28/17	11/30/17	6,950.00	175385	FIRE STATION 2 DRIVEWAY
GRASS HOPPER CONSTRUCTION	11/28/17	11/30/17	7,842.00		
PETERBILT OF HATTIESBURG	11/29/17	12/12/17	9,022.69	175617	NEW TRANSMISSION/UNIT: 14517
EMERGENCY EQUIPMENT PROFESSIONAL INC	11/30/17	12/12/17	9,259.16		
UWOOD CO INC	12/07/17	12/14/17	10,210.00	175672	25 + 5 HD LOW PROFILE GN-GOOSENECK TRAILER
CUSTOM BUILT TRAILERS OF MS LLC	11/30/17	12/14/17	10,995.00		

BILL TO:
CITY OF HATTIESBURG
ACCOUNTING DEPT
PO BOX 1898
HATTIESBURG, MS 39403-1898
FAX INVOICE TO: 601-584-4895

CITY OF HATTIESBURG
PURCHASE ORDER
THE CITY IS NOT LIABLE FOR SALES TAX ID# 64-6000432

Page - 1
Date - 10/17/17

POINT OF CONTACT:

PO No. - 174317
Req No. - 2603

VENDOR MAILING:
NAFECO INC
ACCOUNTS RECEIVABLE
1515 W MOULTON ST
DECATUR AL 35601-2100

DANIELS, ROBERT (601) 5823311
MINUTE BOOK # PENDING
VENDOR # 00014602

SHIP TO :
CITY OF HATTIESBURG
POLICE/FIRE TRAINING ACADEMY
53 ACADEMY DR
HATTIESBURG MS 39401

PROCESSING CODE:

SEND METHOD 1 (256)3550852

Account #

Description

QTY

UM

UNIT COST

TOTAL COST

005160.5355

INNOTEX GREY 25
STEDAIR PREVENT HOOD, SHIPPING INCLUDED IN BID PRICE

120.00

EA

81.8600

9,823.20

TOTAL CONTRACT AMOUNT NOT TO EXCEED

9,823.20

SUBMIT SEPARATE INVOICES FOR
EACH ORDER. PREPAY SHIPPING
CHARGES IF ANY AND ADD TO INVOICE.

THIS PO NUMBER MUST APPEAR
ON ALL PACKAGES & INVOICES.

FOR CORRECTIONS TO VENDOR
ADDRESS ABOVE, CONTACT ACCOUNTING
(601) 545-4686.

KERMAS EATON
CITY CLERK

QUOTE REQUEST RESPONSE FORM

Page No.
Date - 10/13/17
Order Number . . . 2603 OQ

Mail To.

CITY OF HESBURG
DIVISION
ST. 2ND FLOOR
HESBURG MS 39401

-2100

PRINTED NAME

RONALD WOODARD

Phone Number . . 601 5454512

SI . . .

Ronald Woodard

10/16/17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: FIREFIGHTING WEARING APPAREL

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
INNOTEX GREY 25 STEDAIR PREVENT HOOD, SHIPPING INCLUDED IN BID PRICE	10/09/17	120.00	EA	\$81.86	\$9,823.20	10-43 430	130 Days

TOTAL BID PRICE \$9,823.20

Paul Husky



43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORM

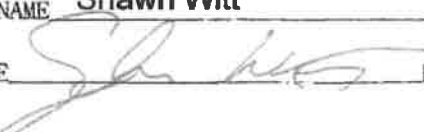
Page No. 1
Date 10/13/17
Order Number 2603 OQ

EMERGENCY EQUIPMENT PROFE
2310 NAIL RD
HORN LAKE MS 38637-3200

Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

PRINTED NAME Shawn Witt

Phone Number . . 601 5454512

SIGNATURE  DATE 10/16/2017

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: FIREFIGHTING WEARING APPAREL

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
INNOTEK GREY 25 STEDAIR PREVENT HOOD, SHIPPING INCLUDED IN BID PRICE	10/09/17	120.00	EA	\$86.00	\$10,320.00	45 Days	12/31/17

TOTAL BID PRICE \$10,320.00

BILL TO:
CITY OF HATTIESBURG
ACCOUNTING DEPT
PO BOX 1898
HATTIESBURG, MS 39403-1898
FAX INVOICE TO: 601-584-4895

CITY OF HATTIESBURG
PURCHASE ORDER
THE CITY IS NOT LIABLE FOR SALES TAX ID# 64-6000432
POINT OF CONTACT:

Page 1
Date - 10/24/17
PO No. - 174456
Req No. - 2605

VENDOR MAILING:
MARK RUSSELL
dba PERFORMANCE RESCUE
96 N BRYANT RD
SUMRALL MS 39482-4379

DANIELS, ROBERT
MINUTE BOOK # PENDING
VENDOR # 00089442
(601) 5823311

SHIP TO :
CITY OF HATTIESBURG
FIRE DEPT-STATION #1
810 N MAIN STREET
HATTIESBURG MS 39401

PROCESSING CODE:

SEND METHOD 1 (601)7580350

PROJECT LINE: CRASH RESCUE EQUIPMENT

Account #	Description	QTY	UM	UNIT COST	TOTAL COST
005160.7315	BT-6.5, 6.5HP HONDA TWIN POWER UNIT SHIPPING INCLUDED ON ALL ITEMS	1.00	EA	5,030.0000	5,030.00
005160.7315	S-100-28, 28 INCH SPREADER	1.00	EA	5,160.0000	5,160.00
005160.7315	SLC-29, 7 3/8 INCH C-CUTTER	1.00	EA	4,480.0000	4,480.00
005160.7315	R-40, 40 INCH HEAVY DUTY RAM	1.00	EA	1,780.0000	1,780.00
005160.7315	EXTH-30, 30 FT. TWIN-LINE EXTENSION HOSE	2.00	EA	610.0000	1,220.00
005160.7315	SET MOUNTING BRACKET	1.00	EA	.0000	

TOTAL CONTRACT AMOUNT NOT TO EXCEED

17,670.00

SUBMIT SEPARATE INVOICES FOR
EACH ORDER. PREPAY SHIPPING
CHARGES IF ANY AND ADD TO INVOICE.

THIS PO NUMBER MUST APPEAR
ON ALL PACKAGES & INVOICES.

FOR CORRECTIONS TO VENDOR
ADDRESS ABOVE, CONTACT ACCOUNTING
(601) 545-4686.

KERMAS EATON
CITY CLERK

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 1
Date - 10/16/17
Order Number 2605 OQMARK RUSSELL
dba PERFORMANCE RESCUE
96 N BRYANT RD
SUMRALL MS 39482-4379Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401PRINTED NAME MARK RUSSELL / PERFORMANCE RESCUE

Phone Number . . 601 5454512

SIGNATURE Mark Russell DATE 10-15-17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: CRASH RESCUE EQUIPMENT

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
BT-6.5, 6.5HP HONDA TWIN POWER UNIT SHIPPING INCLUDED ON ALL ITEMS	10/10/17	1.00	EA	<u>\$5,030.00</u>	<u>\$5,030.00</u>		<u>90 DAYS</u>
S-100-28, 28 INCH SPREADER	10/10/17	1.00	EA	<u>\$5,160.00</u>	<u>\$5,160.00</u>		<u>90 DAYS</u>
SLC-29, 7 3/8 INCH C-CUTTER	10/10/17	1.00	EA	<u>\$4,480.00</u>	<u>\$4,480.00</u>		<u>90 DAYS</u>
R-40, 40 INCH HEAVY DUTY RAM	10/10/17	1.00	EA	<u>\$1,780.00</u>	<u>\$1,780.00</u>		<u>90 DAYS</u>
EXTH-30, 30 FT. TWIN-LINE EXTENSION HOSE	10/10/17	2.00	EA	<u>\$1,220.00</u>	<u>\$1,220.00</u>		<u>90 DAYS</u>
MOUNTING BRACKET SET	10/10/17	1.00	EA	<u>N/C</u>	<u>N/C</u>		<u>90 DAYS</u>

TOTAL BID PRICE \$17,670.00

DELIVERY APPROX. 4 WEEK FROM PURCHASE ORDER

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage NO. 10/16/17
Date - 2605 OQ
Order NumberOKIE EXTRICATION
808 SOUTHWEST 26TH ST
EL RENO OK 73036Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401NTED NAME David W. Nichols

Phone Number . . 601 5454512

NATURE Tool Bid DATE 10/20/17

Shipping terms are F.O.B. destination, freight prepaid

JECT LINE: CRASH RESCUE EQUIPMENT

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
6.5, 6.5HP HONDA TWIN POWER UNIT SHIPPING INCLUDED ON ALL ITEMS	10/10/17	1.00	EA	<u>5600.00</u>	<u>5600.00</u>	<u>12/1/17</u>	<u>1/20/18</u>
100-28, 28 INCH SPREADER	10/10/17	1.00	EA	<u>5260.00</u>	<u>5260.00</u>	<u>12/1/17</u>	<u>1/20/18</u>
C-29, 7 3/8 INCH C-CUTTER	10/10/17	1.00	EA	<u>4535.00</u>	<u>4535.00</u>	<u>12/1/17</u>	<u>1/20/18</u>
40, 40 INCH HEAVY DUTY RAM	10/10/17	1.00	EA	<u>1895.00</u>	<u>1895.00</u>	<u>12/1/17</u>	<u>1/20/18</u>
TH-30, 30 FT. TWIN-LINE EXTENSION HOSE	10/10/17	2.00	EA	<u>650.00</u>	<u>1300</u>	<u>12/1/17</u>	<u>1/20/18</u>
MOUNTING BRACKET SET	10/10/17	1.00	EA	<u>200.00</u>	<u>800.00</u>	<u>12/1/17</u>	<u>1/20/18</u>

TOTAL BID PRICE \$19,390.00

BILL TO:
CITY OF HATTIESBURG
ACCOUNTING DEPT
PO BOX 1898
HATTIESBURG, MS 39403-1898
FAX INVOICE TO: 601-584-4895

CITY OF HATTIESBURG
PURCHASE ORDER
THE CITY IS NOT LIABLE FOR SALES TAX ID# 64-6000432
POINT OF CONTACT:

Page 1
Date - 10/27/17
PO No. - 174580
Req No. - 2607

VENDOR MAILING:
A & R FARM AND GARDEN
5367 HIGHWAY 42
HATTIESBURG MS 39401-1366

LEWIS, AKIRA
MINUTE BOOK # PENDING
VENDOR # 00001008
(601) 5454667

SHIP TO :
CITY OF HATTIESBURG
GROUNDS MAINTENANCE
139 PARKWAY BLVD
HATTIESBURG MS 39401

PROCESSING CODE:

PROJECT LINE: RYE GRASS SEED FOR ALL BALLFIELDS/ENHANCEMENT AREAS

SEND METHOD 0 ()

Account #	Description	QTY	UM	UNIT COST	TOTAL COST
002300.5440	ANNUAL TURF TYPE Rye Grass Seed-Nusprint or TXR or approved equal-Vendor Shall I provide seed documentation with bid-ALL BALLFIELD RYE GRAS S WILL BE ANNUAL SHORT RYE GRASS	270.00	EA	35.6500	9,625.50
002300.5440	GULF ANNUAL RYE GRASS SEED	150.00	EA	30.0000	4,500.00

TOTAL CONTRACT AMOUNT NOT TO EXCEED

14,125.50

SUBMIT SEPARATE INVOICES FOR
EACH ORDER. PREPAY SHIPPING
CHARGES IF ANY AND ADD TO INVOICE.

THIS PO NUMBER MUST APPEAR
ON ALL PACKAGES & INVOICES.

FOR CORRECTIONS TO VENDOR
ADDRESS ABOVE, CONTACT ACCOUNTING
(601) 545-4686.

KERMAS EATON
CITY CLERK

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 1
Date 10/18/17
Order Number 2607 00A & R FARM AND GARDEN
5367 HIGHWAY 42
HATTIESBURG MS 39401-1366Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

Phone Number . . 601 5454512

PRINTED NAME BERRY A. ENOLDSIGNATURE [Signature] DATE 10/26/17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: RYE GRASS SEED FOR ALL BALLFIELDS/ENHANCEMENT AREAS

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
ANNUAL TURF TYPE Rye Grass Seed-Musprint or TYR or approved equal-Vendor Shall I provide seed documentation with bid-ALL BALLFIELD RYE GRASS S WILL BE ANNUAL SHORT RYE GRASS Same as Last Year	10/16/17	270.00	EA	35.65	9625 ⁵⁰	11/10	12/15/17
GULF ANNUAL RYE GRASS SEED PANTERA Short Rye Grass	10/16/17	150.00	EA	30 ⁰⁰	4500 ⁰⁰	11/10	12/15/17

John M. Leamore

TOTAL BID PRICE 14125⁵⁰

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 1
Date - 10/18/17
Order Number 2607 00AGRI-AFC LLC
203 WISTERIA DR
HATTIESBURG MS 39401-7839Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401PRINTED NAME Agri-AFC, LLC

Phone Number . . 601 5454512

SIGNATURE [Signature] DATE 10/23/17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: RYE GRASS SEED FOR ALL BALLFIELDS/ENHANCEMENT AREAS

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
ANNUAL TURF TYPE Rye Grass Seed-Nusprint or TXR or approved equal-Vendor Shall I provide seed documentation with bid-ALL BALLFIELD RYE GRASS S WILL BE ANNUAL SHORT RYE GRASS	10/16/17	270.00	EA	<u>41.50</u>	<u>11,205.00</u>	<u>11/6/17</u>	<u>12/6/17</u>
GULF ANNUAL RYE GRASS SEED	10/16/17	150.00	EA	<u>29.00</u>	<u>4350.00</u>	<u>11/6/17</u>	<u>12/6/17</u>

TOTAL BID PRICE \$15,555.00

Williamson, Keri

From: Terrell, Clemon
Sent: Friday, October 27, 2017 11:39 AM
To: Williamson, Keri
Cc: Larremore, Dannelle
Subject: RE: 2607 final bids

I am authorizing John McLenmore to sign the winning bid for this project.

Thanks
Clem

From: Williamson, Keri
Sent: Friday, October 27, 2017 10:36 AM
To: Terrell, Clemon
Cc: Lewis, Akira
Subject: 2607 final bids

BILL TO:
CITY OF HATTIESBURG
ACCOUNTING DEPT
PO BOX 1898
HATTIESBURG, MS 39403-1898
FAX INVOICE TO: 601-584-4895

CITY OF HATTIESBURG
PURCHASE ORDER
THE CITY IS NOT LIABLE FOR SALES TAX ID# 64-6000432
POINT OF CONTACT:

Page - 1
Date - 11/01/17
PO No. - 174704
Req No. - 2608

VENDOR MAILING:
CHAIN ELECTRIC COMPANY
PO BOX 2058
HATTIESBURG MS 39403-2058

WAGGONER, ROBIN (601) 5454630
MINUTE BOOK # PENDING
VENDOR # 00015051

SHIP TO :
CITY OF HATTIESBURG
WATER PLANT #2
900 JAMES STREET
HATTIESBURG MS 39401

PROCESSING CODE:

SEND METHOD 1 (601)5848320

PROJECT LINE: 200A ,240V, 3PHASE ELECTRICAL SERVICE@ JULIAN ST.LIFTSTATION

Account #	Description	QTY	UM	UNIT COST	TOTAL COST
009677.6355	INSTALL ELECTRICAL INSTALL A NEW 200A,240V,3PHASE ELECTRICAL SERVICE / AT JULIAN STREET LIFT STATION / WHICH INCLUDES: *A 30FT/CLASS 5 TREATED WOOD POLE *A 200AMP/3POLE NEMA-3R NON-FUSED MANUAL TRANSFER SWITCH *A 200AMP/3POLE NEMA-3R FUSED DISCONNECT SWITCH *A 200AMP/3POLE METER BASE *A 100AMP/3PHASE EXPLOSION PROOF RECEPTACLE FOR TEMPORARY GENERATOR CONNECTION *A 42 WATT LED DUSK TO DAWN LIGHT **CONNECTION TO PUMP CONTROL PANEL AND ALL CONDUIT, FITTINGS , WIRE, LABOR AND EQUIPMENT REQUIRED TO COMPLETE THE INSTALL	1.00	EA	6,415.0000	6,415.00

TOTAL CONTRACT AMOUNT NOT TO EXCEED

SUBMIT SEPARATE INVOICES FOR
EACH ORDER. PREPAY SHIPPING
CHARGES IF ANY AND ADD TO INVOICE.

THIS PO NUMBER MUST APPEAR
ON ALL PACKAGES & INVOICES.

FOR CORRECTIONS TO VENDOR
ADDRESS ABOVE, CONTACT ACCOUNTING
(601) 545-4686.

6,415.00
KERMAS EATON
CITY CLERK

0001/001

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 1
Date - 10/19/17
Order Number 2608 00CHAIN ELECTRIC COMPANY
PO BOX 2058
HATTIESBURG MS 39403-2058Mail To CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

Phone Number . . 601 5454512

PRINTED NAME HARVEY SIMMONSSIGNATURE Harvey Simmons DATE 10-27-17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: 200A 240V, 3PHASE ELECTRICAL SERVICE@ JULIAN ST. LIFTSTATION

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
INSTALL ELECTRICAL INSTALL A NEW 200A, 240V, 3PHASE ELECTRICAL SERVICE AT JULIAN STREET LIFT STATION / WHICH INCLUDES: *A 30FT/CLASS 3 TREATED WOOD POLE *A 200AMP/3POLE NEMA-3R NON-FUSED MANUAL TRANSFER SWITCH *A 200AMP/3POLE NEMA-3R FUSED DISCONNECT SWITCH *A 200AMP/3POLE METER BASE *A 100AMP/3PHASE EXPLOSION PROOF RECEPTACLE FOR TEMPORARY GENERATOR CONNECTION *A 42 WATT LED DUSK TO DAWN LIGHT **CONNECTION TO PUMP CONTROL PANEL AND ALL CONDUIT, FITTINGS WIRE, LABOR AND EQUIPMENT REQUIRED TO COMPLETE THE INSTALL *** SEE ATTACHED ***	10/19/17	1.00	EA	<u>\$6,415.00</u>	<u>\$6,415.00</u>	<u>11-30-17</u>	<u>12-15-17</u>

TOTAL BID PRICE \$6,415.00

10/31/2017

10/27/2017 FRI 8:02 FAX 6015848320 Chain Electric

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 10/19/17
Date - 2608 OQ
Order NumberDOLEAC ELECTRIC CO INC
PO BOX 1936
HATTIESBURG MS 39403-1936Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

Phone Number . . 601 5454512

PRINTED NAME Terry Ray WilliamsSIGNATURE D A Will DATE 10/31/17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: 200A , 240V, 3PHASE ELECTRICAL SERVICE@ JULIAN ST. LIFT STATION

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expiral Date
INSTALL ELECTRICAL INSTALL A NEW 200A, 240V, 3PHASE ELECTRICAL SERVICE / AT JULIAN STREET LIFT STATION / WHICH INCLUDES: *A 30FT/CLASS 5 TREATED WOOD POLE *A 200AMP/3POLE NEMA-3R NON-FUSED MANUAL TRANSFER SWITCH *A 200AMP/3POLE NEMA-3R FUSED DISCONNECT SWITCH *A 200AMP/3POLE METER BASE *A 100AMP/3PHASE EXPLOSION PROOF RECEPTACLE FOR TEMPORARY GENERATOR CONNECTION *A 42 WATT LED DUSK TO DAWN LIGHT / **CONNECTION TO PUMP CONTROL PANEL AND ALL CONDUIT, FITTINGS WIRE, LABOR AND EQUIPMENT REQUIRED TO COMPLETE THE INSTALL / *** SEE ATTACHED ***	10/19/17	1.00	EA	<u>\$24,650.00</u>	<u>\$24,650.00</u>	<u>10/31/17</u>	<u>12/15/17</u>

TOTAL BID PRICE \$24,650.00

10/31/2017 TUE 15:39 FAX 6015448777 DOLEAC Electric

0001/001

BILL TO:
CITY OF HATTIESBURG
ACCOUNTING DEPT
PO BOX 1898
HATTIESBURG, MS 39403-1898
FAX INVOICE TO: 601-584-4895

CITY OF HATTIESBURG
PURCHASE ORDER
THE CITY IS NOT LIABLE FOR SALES TAX ID# 64-6000432

Page 1
Date 11/06/17

POINT OF CONTACT:

PO No. 174770

Req No. 2613

VENDOR MAILING:
SOUTHERN TIRE MART #9
DEPT 143
PO BOX 1000
MEMPHIS TN 38148-0143

EVANS, TERESA WILLIAMS
MINUTE BOOK # PENDING
VENDOR # 00100941

(601) 5454626

SHIP TO :
CITY OF HATTIESBURG
PUBLIC WORKS DEPT
1202 JAMES STREET
HATTIESBURG MS 39401

PROCESSING CODE:

SEND METHOD 1 (601)5449644

PROJECT LINE: TCX53E TOP TIRE CHANGER

Account #	Description	QTY	UM	UNIT COST	TOTAL COST
001551.5990	TCX53E ENHANCED TABLE TOP TIRE CHANGER EXPANDABLE	1.00	EA	7,259.0000	7,259.00
001220.6120	FREIGHT	1.00	EA	175.0000	175.00

TOTAL CONTRACT AMOUNT NOT TO EXCEED

7,434.00

SUBMIT SEPARATE INVOICES FOR
EACH ORDER. PREPAY SHIPPING
CHARGES IF ANY AND ADD TO INVOICE.

THIS PO NUMBER MUST APPEAR
ON ALL PACKAGES & INVOICES.

FOR CORRECTIONS TO VENDOR
ADDRESS ABOVE, CONTACT ACCOUNTING
(601) 545-4686.

KERMAS EATON
CITY CLERK

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 1
Date - 10/30/17
Order Number 2613 OQSOUTHERN TIRE MART #9
DEPT 143
PO BOX 1000
MEMPHIS TN 38148-0143Mail To. . . . CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

Phone Number . . 601 5454512

PRINTED NAME Bob Hawkins STM
SIGNATURE Bob Hawkins DATE 11/1/17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: TCX53E TOP TIRE CHANGER

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
TCX53E ENHANCED TABLE TOP TIRE CHANGER EXPANDABLE	10/27/17	1.00	EA	\$ 7,259.00		5 to 7 days (working)	
FREIGHT	10/27/17	1.00	EA	\$ 175.00			

TOTAL BID PRICE \$ 7,434.00

Larry B. B. 11/3/17

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORM

Quote No. 10/30/17
Order Number 2613 00

AMERICAN EQUIPMENT SOLUTIONS
621 WEST QUINCY STREET ROAD
CANTONMENT MS 39033

Mail To:

CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

PRINTED NAME

Ronnie Couture

Phone Number 601 5454512

SIGNATURE

Ronnie Couture

DATE 10-30-17

Shipping terms are F.O.B. destination freight prepaid

PROJECT LINE: TCX53E TOP TIRE CHANGER

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
TCX53E ENHANCED TABLE TOP TIRE CHANGER EXPANDABLE	10/27/17	1.00	EA	7317.10		10 WORKING DAY	
FREIGHT	10/27/17	1.00	EA	200.00			

TOTAL BID PRICE 7,517¹⁰

BILL TO:
CITY OF HATTIESBURG
ACCOUNTING DEPT
PO BOX 1898
HATTIESBURG, MS 39403-1898
FAX INVOICE TO: 601-584-4895

CITY OF HATTIESBURG
PURCHASE ORDER
THE CITY IS NOT LIABLE FOR SALES TAX ID# 64-6000432

POINT OF CONTACT:

Page 1
Date 11/06/17
PO No. 174771
Req No. 2616

VENDOR MAILING:
TEMPLE INC
50 DAVIS ST NE
PO BOX 2066
DECATUR AL 35602-2066

LONDON, SYLVESTER
MINUTE BOOK # PENDING
VENDOR # 00002206

(601) 5454512

SHIP TO :
CITY OF HATTIESBURG
TRAFFIC
125 WALNUT ST
HATTIESBURG MS 39401

PROCESSING CODE:

SEND METHOD 1 (256)3534578

PROJECT LINE: TRAFFIC SIGNALS LED'S

Account #	Description	QTY	UM	UNIT COST	TOTAL COST
001191.5540	12" GREEN LED 120VAC	60.00	EA	46.0000	2,760.00
001191.5540	12" RED LED 120 VAC	60.00	EA	42.0000	2,520.00
001191.5540	12" PED LED HAND 120VAC	12.00	EA	82.0000	984.00
001191.5540	12" PED LED PERSON 120VAC	12.00	EA	96.0000	1,152.00
001191.6120	FREIGHT	1.00	EA	.0000	

TOTAL CONTRACT AMOUNT NOT TO EXCEED

7,416.00

SUBMIT SEPARATE INVOICES FOR
EACH ORDER. PREPAY SHIPPING
CHARGES IF ANY AND ADD TO INVOICE.

THIS PO NUMBER MUST APPEAR
ON ALL PACKAGES & INVOICES.

FOR CORRECTIONS TO VENDOR
ADDRESS ABOVE, CONTACT ACCOUNTING
(601) 545-4686.

KERMAS EATON
CITY CLERK

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 1
Date 10/30/17
Order Number 2816 OQTEMPLE INC
50 DAVIS ST NE
PO BOX 2066
DECATUR AL 35602-2066Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

Phone Number . . 601 5454512

PRINTED NAME

Wes Dater

SIGNATURE

Wes Dater

DATE

10-30-17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: TRAFFIC SIGNALS LED'S

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
12" GREEN LED 120VAC	10/30/17	60.00	EA	\$ 46 ⁰⁰	\$2,760 ⁰⁰	45 day	45 days
12" RED LED 120 VAC	10/30/17	60.00	EA	\$ 42 ⁰⁰	\$2,520 ⁰⁰	45 day	45 days
12" PED LED HAND 120VAC	10/30/17	12.00	EA	\$ 82 ⁰⁰	\$ 984 ⁰⁰	45 day	45 days
12" PED LED PERSON 120VAC	10/30/17	12.00	EA	\$ 96 ⁰⁰	\$ 1,152 ⁰⁰	45 day	45 days
FREIGHT	10/30/17	1.00	EA	21/A	21/A		

TOTAL BID PRICE \$7,416⁰⁰*Larry Ben* 11/3/17
Ph

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORM

Form No. . . .
Date
Order Number

10/30/17
2616 (X)

POWELL CONSTRUCTION SERV
15461 NORTHRUP CRUEVAS RD
GULFPORT MS 39503

Mail To:

CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

Phone Number . . 601 5464513

PRINTED NAME William E. Powell
SIGNATURE William E. Powell

DATE 10/31/17

Shipping terms are F.O.B. destination, freight prepaid

PROTECT LINE TRAFFIC SIGNALS LED'S

ITEM DESCRIPTION	Request Date	QTY	LM	Unit Price	Extended Cost	Delivery Date	Expired Date
12" GREEN LED 120VAC	10/30/17	60.00	EA	\$51.75	\$3,105.00	4 wks	12/3/17
12" RED LED 120 VAC	10/30/17	60.00	EA	\$64.25	\$2,835.00	4 wks	12/3/17
12" RED LED HAND 120VAC	10/30/17	12.00	EA	\$92.25	\$1,107.00	4 wks	12/3/17
12" RED LED 120VAC	10/30/17	12.00	EA	\$108.00	\$1,296.00	4 wks	12/3/17
FRIGHT	10/30/17	1.00	EA	\$45.00	\$45.00	4 wks	12/3/17

TOTAL BID PRICE \$8,388.00

BILL TO:
CITY OF HATTIESBURG
ACCOUNTING DEPT
PO BOX 1898
HATTIESBURG, MS 39403-1898
FAX INVOICE TO: 601-584-4895

CITY OF HATTIESBURG
PURCHASE ORDER
THE CITY IS NOT LIABLE FOR SALES TAX ID# 64-6000432
POINT OF CONTACT:

Page 1
Date - 12/14/17
PO No. - 175672
Req No. - 2624

VENDOR MAILING:
UWOOD CO INC
7225 HIGHWAY 49 N
HATTIESBURG MS 39402-9123

WAGGONER, ROBIN (601) 5454630
MINUTE BOOK # PENDING
VENDOR # 00086060

SHIP TO :
CITY OF HATTIESBURG
WATER PLANT #2
900 JAMES STREET
HATTIESBURG MS 39401

PROCESSING CODE:
SEND METHOD 1 (601)2649504

PROJECT LINE: 25 + 5 HD LOW PROFILE GN-GOOSENECK TRAILER FOR SEWER DEPT.

Account #	Description	QTY	UM	UNIT COST	TOTAL COST
009676.7399	GOOSENECK TRAILER 25 + 5 HD LOW PROFILE GN GOOSENECK TRAILER 2-10K AXLES W/ EIGHT TIRES & ELECTRIC BRAKES HD TORQUE PIPE UNDERNEATH (ANTI-SWAY) HD I-BEAM TONGUE & FRAME HD SPRING LOADED RAMPS TOOLBOX- DIAMOND PLATE SPARE TIRE & RIM GVWR 20,000 LBS.	1.00	EA	10,210.0000	10,210.00

TOTAL CONTRACT AMOUNT NOT TO EXCEED

10,210.00

SUBMIT SEPARATE INVOICES FOR
EACH ORDER. PREPAY SHIPPING
CHARGES IF ANY AND ADD TO INVOICE.

THIS PO NUMBER MUST APPEAR
ON ALL PACKAGES & INVOICES.

FOR CORRECTIONS TO VENDOR
ADDRESS ABOVE, CONTACT ACCOUNTING
(601) 545-4686.

KERMAS EATON
CITY CLERK

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. . . . 1
Date . . . 11/30/17
Order Number . . . 2624 OQUWOOD CO INC
7225 HIGHWAY 49 N
HATTIESBURG MS 39402-9123

Mail To

CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

PRINTED NAME Darrel Underwood

Phone Number . 601 5454512

SIGNATURE

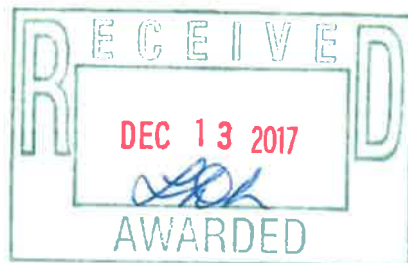
DATE 12-7-17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: 25 + 5 HD LOW PROFILE GN-GOOSENECK TRAILER FOR SEWER DEPT

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
GOOSENECK TRAILER 25 + 5 HD LOW PROFILE GN GOOSENECK TRAILER 2-10K AXLES W/ EIGHT TIRES & ELECTRIC BRAKES HD TUBULE PIPE UNDERNEATH (ANTI-SWAY) HD I-BEAM TONGUE & FRAME HD SPRING LOADED RAMPS TOOL BOX- DIAMOND PLATE SPARE TIRE & RIM GVWR 20,000 LBS	11/30/17	1.00	EA				

TOTAL BID PRICE \$10,210.00



Uwood Co. Inc.

7225 Hwy 49 N
Hattiesburg, MS 39402
Ph/Fax (601) 264-9504

Quote

Date	Quote #
12/7/2017	860

Name / Address
CITY OF HATTIESBURG P.O. BOX 1898 HATTIESBURG, MS. 39401

Project			
Item	Description	Qty	Cost
GN3022DT-10E	TRAILER, G/N 25+5 LOW-PRO, PIERCED BEAM, TORQUE TUBE, TOOL BOX, SPRING ASSIST RAMPS, TANDEM 2 SPEED JACKS TANDEM AXLE WITH TANDEM WHEELS GVWR 20,000#	1	10,200.00
TITLE FEE	TITLE FEE MAIN: FRAME I-BEAM & BRIDGED W/TORQUE TUBE FLEX PIPE SPARE TIRE & WHEEL W/MOUNT TRAILER STEP DRIVER'S SIDE DOT APPROVED LIGHTS & 7-TML PLUG SEALED WIRING HARNESS CHANNEL SIDE RAIL W/STAKE POCKETS EVERY 2' & RUB RAIL 5'X4" CHANNEL SPRING ASSIST RAMPS ELECTRIC BRAKES SELF CLEANING ANGLE OR WOOD DOVE TAIL		10.00
Total			\$10,210.00

Customer Signature _____

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. : 1
Date : 11/30/17
Order Number : 2024 OQCUSTOM BUILT TRAILERS OF
1336 HIGHWAY 49
SEBURY MS 39479-4482Mail To : CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST 2ND FLOOR
PO BOX 1808
HATTIESBURG MS 39401

Timothy Trigg

Phone Number : 601 5454512

PRINTED NAME

SIGNATURE

DATE 11-30-17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE 25 + 5 HD LOW PROFILE GN-GOOSENECK TRAILER FOR SEWER DEPT.

ITEM DESCRIPTION	Request Date	QTY	UN	Unit Price	Extended Cost	Delivery Date	Expired Date
GOOSENECK TRAILER 25 + 5 HD LOW PROFILE GN-GOOSENECK TRAILER 2-108 AXLES W/ EIGHT TIRES & ELECTRIC BRAKES HD TONGUE PIPE UNDERNEATH (ANTI-SWAY) HD I-BEAM TONGUE & FRAME HD SPRING LOADED RAMPS TOOLBOX DIAMOND PLATE SPARE TIRE & RIM GVWR 20,000 LBS	11/30/17	1.00	EA				

TOTAL BID PRICE \$10,995.00

BILL TO:
CITY OF HATTIESBURG
ACCOUNTING DEPT
PO BOX 1898
HATTIESBURG, MS 39403-1898
FAX INVOICE TO: 601-584-4895

CITY OF HATTIESBURG
PURCHASE ORDER
THE CITY IS NOT LIABLE FOR SALES TAX ID# 64-6000432

Page - 1
Date - 11/02/17

POINT OF CONTACT:

PO No. - 174740

Req No. - 2610

VENDOR MAILING:
GROVER'S PAINTING INC
40 DEEP SOUTH LN
PO BOX 220
PURVIS MS 39475-0220

LEWIS, AKIRA
MINUTE BOOK # PENDING (601) 5454667
VENDOR # 00082914

SHIP TO :
CITY OF HATTIESBURG
TATUM PARK
101 PARKWAY BLVD
HATTIESBURG MS 39401

PROCESSING CODE:

SEND METHOD 1 (601)7940444

PROJECT LINE: TATUM SOCCER COMPLEX-PAINTING

Account #	Description	QTY	UM	UNIT COST	TOTAL COST
002300.6999	PROVIDE MATERIAL LABOR AND EQUIPMENT TO PAINT INTERIOR OF CONCESSION STAND, OFFICE, MEN AND WOMEN RESTROOMS, WALLS, CEILINGS, TRIM, AND STALLS **COMPLETE** AT TATUM SOCCER- **COMPLETED BY 11/10/17	1.00	EA	4,637.0000	4,637.00

TOTAL CONTRACT AMOUNT NOT TO EXCEED

4,637.00

SUBMIT SEPARATE INVOICES FOR
EACH ORDER. PREPAY SHIPPING
CHARGES IF ANY AND ADD TO INVOICE.

THIS PO NUMBER MUST APPEAR
ON ALL PACKAGES & INVOICES.

FOR CORRECTIONS TO VENDOR
ADDRESS ABOVE, CONTACT ACCOUNTING
(601) 545-4686.

KERMAS EATON
CITY CLERK

*530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORM

Page No. 1
Date - 10/24/17
Order Number 2610 00

GROVER'S PAINTING INC
40 DEEP SOUTH LN
PO BOX 220
PURVIS MS 39475-0220

Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

Phone Number . . 601 5454512

PRINTED NAME Michael Deans

SIGNATURE [Signature] DATE 10-31-17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: TATUM SOCCER COMPLEX-PAINTING

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
PROVIDE MATERIAL LABOR AND EQUIPMENT TO PAINT INTERIOR OF CONCESSION STAND, OFFICE, MEN AND WOMEN RESTROOMS, WALLS, CEILINGS, TRIM, AND STALLS **COMPLETE** AT TATUM SOCCER- **COMPLETED BY 11/10/17	10/24/17	1.00	EA	\$4,637.00	\$4,637.00	10-31-17	11-10-17

TOTAL BID PRICE \$4,637.00



John McEnroe

From: Southern Development

11/01/2017 13:15 6015456669

CITY OF HEBURG

10/31/2017 14:22

#001 P.002/002

PAGE 01/01

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 1
Date - 10/24/17
Order Number 2610 OQROOSEVELT JACKSON III
905 MONTEREY LANE
HATTIESBURG MS 39402Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

Phone Number . . 601 5454512

PRINTED NAME Roosevelt Jackson III
SIGNATURE Roosevelt Jackson III DATE 10/31/17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: TATUM SOCCER COMPLEX-PAINTING

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
PROVIDE MATERIAL LABOR AND EQUIPMENT TO PAINT INTERIOR OF CONCESSION STAND, OFFICE, MEN AND WOMEN RESTROOMS, WALLS, CEILINGS, TRIM, AND STALLS **COMPLETE** AT TATUM SOCCER- **COMPLETED BY 11/10/17	10/24/17	1.00	EA				

TOTAL BID PRICE \$6,680.⁰⁰

Williamson, Keri

From: Terrell, Clemon
Sent: Thursday, November 02, 2017 9:11 AM
To: Williamson, Keri
Subject: RE: 2610 final bids

I am authorizing John McLemore to sign the winning bid for this project.

Thanks
Clem

From: Williamson, Keri
Sent: Wednesday, November 01, 2017 9:08 AM
To: Terrell, Clemon
Cc: Lewis, Akira
Subject: 2610 final bids

BILL TO:
CITY OF HATTIESBURG
ACCOUNTING DEPT
PO BOX 1898
HATTIESBURG, MS 39403-1898
FAX INVOICE TO: 601-584-4895

CITY OF HATTIESBURG
PURCHASE ORDER
THE CITY IS NOT LIABLE FOR SALES TAX ID# 64-6000432
POINT OF CONTACT:

Page 1
Date 11/27/17
PO No. 175255
Req No. 2619

VENDOR MAILING:
JW INC
AUTO TRIM
12 DOGWOOD AVE
HATTIESBURG MS 39404-8312

MCGINTY, DESTINY (601) 5454506
VENDOR # 00081293

SHIP TO :
CITY OF HATTIESBURG
HATTIESBURG POLICE DEPARTMENT-DESTINY M.
300 KLONDYKE STREET
HATTIESBURG MS 39401

PROJECT LINE: INSTALL WEISER SOLUTION GUN MOUNTS/LOCK SYSTEM

PROCESSING CODE:
SEND METHOD 1 (601)2619041

Account #	Description	QTY	UM	UNIT COST	TOTAL COST
001100.6384	INSTALL WEISER WEISER SOLUTION GUN MOUNTS/LOCK SYSTEM SGL MED LOCK, INSIDE OF THE DECK LID OF DODGE CHARGERS YEAR MODEL 2010-2017 ****TOTAL BID PRICE WILL INCLUDE INSTALLATION ONLY****	59.00	EA	55.0000	3,245.00

TOTAL CONTRACT AMOUNT NOT TO EXCEED

3,245.00

SUBMIT SEPARATE INVOICES FOR
EACH ORDER. PREPAY SHIPPING
CHARGES IF ANY AND ADD TO INVOICE.

THIS PO NUMBER MUST APPEAR
ON ALL PACKAGES & INVOICES.

FOR CORRECTIONS TO VENDOR
ADDRESS ABOVE, CONTACT ACCOUNTING
(601) 545-4686.

KERMAS EATON
CITY CLERK

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No.
Date - 11/08/17
Order Number 2619 00JWW INC
AUTO TRIM
12 DOGWOOD AVE
HATTIESBURG MS 39404-8312Mail To CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

Phone Number . . 601 5454512

PRINTED NAME James W. WinfordSIGNATURE James W. Winford DATE 11-10-17

Shipping terms are F.O.B. destination. freight prepaid

PROJECT LINE: INSTALL WEISER SOLUTION GUN MOUNTS/LOCK SYSTEM

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
INSTALL WEISER WEISER SOLUTION GUN MOUNTS/LOCK SYSTEM SGL MED LOCK INSIDE OF THE DECK LID OF DODGE CHARGERS YEAR MODEL 2010-2017 *****TOTAL BID PRICE WILL INCLUDE INSTALLATION ONLY*****	11/07/17	50.00	EA	\$ 55.00	0	20/week	1 year

TOTAL BID PRICE \$ 3,245.00approved / Anthony T. Lane

11-16-2017



Nov 11 / 03:38p

Auto Inn

6012619041

p.2

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 1
Date - 11/08/17
Order Number 2619 OQFLEET SAFETY EQUIPMENT IN
2188 SPICER COVE
MEMPHIS TN 38134Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401PRINTED NAME Fleet Safety Equip.
SIGNATURE David Lyle DATE 11/8/17

Phone Number . . 601 5454512

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: INSTALL WEISER SOLUTION GUN MOUNTS/LOCK SYSTEM

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
INSTALL WEISER WEISER SOLUTION GUN MOUNTS/LOCK SYSTEM SGL MED LOCK, INSIDE OF THE DECK LID OF DODGE CHARGERS YEAR MODEL 2010-2017 ****TOTAL BID PRICE WILL INCLUDE INSTALLATION ONLY****	11/07/17	59.00	EA	199	11,741.00	11/27/21/30/18	

TOTAL BID PRICE 11,741.00

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 1
Date - 11/08/17
Order Number 2619 OQJOSEPH WESLEY HOLIFIELD
AFFORDABLE EMERGENCY LIGH
5556 OLD HWY 42
HATTIESBURG MS 39401-6339Mail To. . . . CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

PRINTED NAME

Tim Jackson

Phone Number . . 601 5454512

SIGNATURE

[Signature] DATE 11/8/17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: INSTALL WEISER SOLUTION GUN MOUNTS/LOCK SYSTEM

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
INSTALL WEISER WEISER SOLUTION GUN MOUNTS/LOCK SYSTEM SGL MED LOCK, INSIDE OF THE DECK LID OF DODGE CHARGERS YEAR MODEL 2010-2017 ****TOTAL BID PRICE WILL INCLUDE INSTALLATION ONLY****	11/07/17	59.00	EA	<u>127.50</u>	<u>7522.50</u>	<u>11/13/17</u>	<u>2/13/18</u>

TOTAL BID PRICE 7522.50

p.1

6015440480

South State Enterprises

Nov 08 17 02:59p

BILL TO:
CITY OF HATTIESBURG
ACCOUNTING DEPT
PO BOX 1898
HATTIESBURG, MS 39403-1898
FAX INVOICE TO: 601-584-4895

CITY OF HATTIESBURG
PURCHASE ORDER
THE CITY IS NOT LIABLE FOR SALES TAX ID# 64-6000432
POINT OF CONTACT:

Page - 1
Date - 12/12/17
PO No. - 175617
Req No. - 2622

VENDOR MAILING:
PETERBILT OF HATTIESBURG
4093 US HIGHWAY 11
HATTIESBURG MS 39402-9024

DANIELS, ROBERT
MINUTE BOOK # PENDING (601) 5823311
VENDOR # 00084960

SHIP TO :
CITY OF HATTIESBURG
FIRE DEPT-STATION #8
104 LAMAR BLVD
HATTIESBURG MS 39402

PROCESSING CODE:

SEND METHOD 1 (601)5447754

PROJECT LINE: NEW TRANSMISSION/UNIT: 14517

Account #	Description	QTY	UM	UNIT COST	TOTAL COST
001160.5700	TRANSMISSION ALLISON 3000, REBUILT WITH 2-YEAR WARRANTY, PRICE INCLUDES DELIVERY, CORE PICKUP, AND TWO YEAR UNLIMITED MILES WARRANTY	1.00	EA	4,903.3100	4,903.31
001160.5700	CORE CHARGE	1.00	EA	4,119.3800	4,119.38
001160.5700	CORE CREDIT	1.00	EA	4,119.3800-	4,119.38-

TOTAL CONTRACT AMOUNT NOT TO EXCEED

4,903.31

SUBMIT SEPARATE INVOICES FOR
EACH ORDER. PREPAY SHIPPING
CHARGES IF ANY AND ADD TO INVOICE.

THIS PO NUMBER MUST APPEAR
ON ALL PACKAGES & INVOICES.

FOR CORRECTIONS TO VENDOR
ADDRESS ABOVE, CONTACT ACCOUNTING
(601) 545-4686.

KERMAS EATON
CITY CLERK

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 1
Date - 11/20/17
Order Number 2622 OQPETERBILT OF HATTIESBURG
4093 US HIGHWAY 11
HATTIESBURG MS 39402-9024Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401PRINTED NAME CHUCK INGRAM

Phone Number . . 601 5454612

SIGNATURE Chuck Ingram DATE 11-29-17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: NEW TRANSMISSION/UNIT: 14517

ITEM DESCRIPTION	Request Date	QTY	UN	Unit Price	Extended Cost	Delivery Date	Expired Date
TRANSMISSION ALLISON 3000, REBUILT WITH 2-YEAR WARRANTY, PRICE INCLUDES DELIVERY, CORE PICKUP, AND TWO YEAR UNLIMITED MILES WARRANTY	11/17/17	1.00	EA	<u>4,903.31</u>			
CORE CHARGE	11/17/17	1.00	EA	<u>4,119.38</u>			
CORE CREDIT	11/17/17	1.00	EA	<u>4,119.38</u>			

TOTAL BID PRICE 4,903.31Paul Fisher

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 1
Date - 11/20/17
Order Number 2622 OQEMERGENCY EQUIPMENT PROFE
2310 NAIL RD
HORN LAKE MS 38637-3200Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401PRINTED NAME Mark Lucas

Phone Number . . 601 5454512

SIGNATURE Mark Lucas DATE 11/20/17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: NEW TRANSMISSION/UNIT: 14517

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
TRANSMISSION ALLISON 3000, REBUILT WITH 2-YEAR WARRANTY, PRICE INCLUDES DELIVERY, CORE PICKUP, AND TWO YEAR UNLIMITED MILES WARRANTY	11/17/17	1.00	EA	<u>5,139.78</u>		<u>EST. 12-11-17</u>	<u>12-31-17</u>
CORE CHARGE	11/17/17	1.00	EA	<u>4,119.38</u>			
CORE CREDIT	11/17/17	1.00	EA	<u>4,119.38</u>			

TOTAL BID PRICE \$ 5139.78

CITY OF HATTIESBURG
ACCOUNTING DEPT
PO BOX 1898
HATTIESBURG, MS 39403-1898
FAX INVOICE TO: 601-584-4895

CITY OF HATTIESBURG
PURCHASE ORDER
THE CITY IS NOT LIABLE FOR SALES TAX ID# 64-6000432

Page - 1
Date - 11/30/17

POINT OF CONTACT:

PO No. - 175385
Req No. - 2623

VENDOR MAILING:
RONNIE MCCURDY
102 SAUCIER DR
HATTIESBURG MS 39401

DANIELS, ROBERT
MINUTE BOOK # PENDING (601) 5823311
VENDOR # 00018385

SHIP TO :
CITY OF HATTIESBURG
NOT APPLICABLE

PROJECT LINE: FIRE STATION 2 DRIVEWAY

PROCESSING CODE:

Account #

SEND METHOD 1 ()

Description

QTY

UM

UNIT COST

TOTAL COST

001160.6350

REMOVE AND HAUL
AWAY OLD PAVING, GRADE AND FORM AREA, INSTALL MATTING,
AND FINISH SLAB

1.00

EA

6,950.0000

6,950.00

TOTAL CONTRACT AMOUNT NOT TO EXCEED

SUBMIT SEPARATE INVOICES FOR
EACH ORDER. PREPAY SHIPPING
CHARGES IF ANY AND ADD TO INVOICE.

THIS PO NUMBER MUST APPEAR
ON ALL PACKAGES & INVOICES.

FOR CORRECTIONS TO VENDOR
ADDRESS ABOVE CONTACT ACCOUNTING
(601) 545-4686.

6,950.00

KERMAS EATON
CITY CLERK

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORM

Page No. 1
Date - 11/20/17
Order Number 2623 OQ

RONNIE MCCURDY
102 SAUCIER DR
HATTIESBURG MS 39401

Mail To. . . . CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

PRINTED NAME RONNIE MCCURDY

Phone Number . . 601 5454512

SIGNATURE Ronnie McCurdy DATE 11/29/2017

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: FIRE STATION 2 DRIVEWAY

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
REMOVE AND HAUL AWAY OLD PAVING. GRADE AND FORM AREA, INSTALL MATTING, AND FINISH SLAB	11/17/17	1.00	EA				

TOTAL BID PRICE 6,950.00



Paul Presley

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 1
Date - 11/20/17
Order Number 2623 00GRASS HOPPER CONSTRUCTION
320 N 19TH AVE
HATTIESBURG MS 39401-4822Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401PRINTED NAME Shelton Lewis

Phone Number . . 601 5454512

SIGNATURE Shelton Lewis DATE 11/28/17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: FIRE STATION 2 DRIVEWAY

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
REMOVE AND HAUL AWAY OLD PAVING, GRADE AND FORM AREA, INSTALL MATTING, AND FINISH SLAB	11/17/17	1.00	EA				

TOTAL BID PRICE \$7,842.00

BILL TO:
CITY OF HATTIESBURG
ACCOUNTING DEPT
PO BOX 1898
HATTIESBURG, MS 39403-1898
FAX INVOICE TO: 601-584-4895

CITY OF HATTIESBURG
PURCHASE ORDER
THE CITY IS NOT LIABLE FOR SALES TAX ID# 64-6000432

Page - 1
Date - 11/02/17

POINT OF CONTACT:

PO No. - 174715

Req No. - 2612

VENDOR MAILING:
OTTO ENVIRONMENTAL SYSTEMS NA INC
PO BOX 603504
CHARLOTTE NC 28260-3504

EVANS, TERESA WILLIAMS
MINUTE BOOK # PENDING
VENDOR # 90087303

(601) 5454626

SHIP TO :
CITY OF HATTIESBURG
PUBLIC WORKS DEPT
1202 JAMES STREET
HATTIESBURG MS 39401

PROCESSING CODE:

SEND METHOD 1 (704)5888981

PROJECT LINE: RECYCLING CARTS

Account #	Description	QTY	UM	UNIT COST	TOTAL COST
001220.5590.01	OTTO MSD-95M MILLENNIUM CARTS WITH CITY LOGO'S SEE ATTACHMENT	100.00	EA	51.7400	5,174.00
001220.5590.01	OTTO MSD-65E"EDGE" CARTS WITH CITY LOGO'S SEE ATTACHMENT	200.00	EA	47.7400	9,548.00

TOTAL CONTRACT AMOUNT NOT TO EXCEED

14,722.00

SUBMIT SEPARATE INVOICES FOR
EACH ORDER. PREPAY SHIPPING
CHARGES IF ANY AND ADD TO INVOICE.

THIS PO NUMBER MUST APPEAR
ON ALL PACKAGES & INVOICES.

FOR CORRECTIONS TO VENDOR
ADDRESS ABOVE, CONTACT ACCOUNTING
(601) 545-4686.

KERMAS EATON
CITY CLERK

43530

CITY OF HATTIESBURG
QUOTE REQUEST RESPONSE FORMPage No. 1
Date - 10/30/17
Order Number 2612 OQSANSOM EQUIPMENT CO
PO BOX 360041
BIRMINGHAM AL 35236Mail To. CITY OF HATTIESBURG
PURCHASING DIVISION
220 W FRONT ST. 2ND FLOOR
PO BOX 1898
HATTIESBURG MS 39401

PRINTED NAME

Cole Ryan

Phone Number . . 601 5454512

SIGNATURE

Cole Ryan

DATE 10-30-17

Shipping terms are F.O.B. destination, freight prepaid

PROJECT LINE: RECYCLING CARTS

ITEM DESCRIPTION	Request Date	QTY	UM	Unit Price	Extended Cost	Delivery Date	Expired Date
OTTO MSD-95M MILLENNIUM CARTS WITH CITY LOGO'S SEE ATTACHMENT	10/25/17	100.00	EA	59.00	5900.00	45-90 Days	12-31-17
OTTO MSD-65E"EDGE" CARTS WITH CITY LOGO'S SEE ATTACHMENT	10/25/17	200.00	EA	54.00	10,800.00	45-90 Days	12-31-17

TOTAL BID PRICE \$16,700.00

1/1

07-29-2000

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:2516313768



City of Hattiesburg, MS

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

Master

File Number: 2018-241

File ID: 2018-241

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 02/13/2018

Brief Title: Acknowledge receipt of the Financial Statements of the Emergency Management District for the fiscal year ending September 30, 2017.

Final Action:

Minute Book Number: MB2018-43

Title:

Acknowledge receipt of the Financial Statements of the Emergency Management District for the fiscal year ending September 30, 2017, from WM. F. Horne & Company, PLLC(on file in the City Clerk's Office).

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: VI.-4

Sponsors:

Enactment Date:

Attachments: Emergency Management-Financial Statements

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	02/20/2018					

Text of Legislative File 2018-241

Title

Acknowledge receipt of the Financial Statements of the Emergency Management District for the fiscal year ending September 30, 2017, from WM. F. Horne & Company, PLLC(on file in the City Clerk's Office).

Summary

Acknowledge receipt of the Financial Statements of the Emergency Management District.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

**THE EMERGENCY
MANAGEMENT DISTRICT**

Hattiesburg, Mississippi

Financial Statements

For the Year Ended September 30, 2017

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Statement of Activities – Modified Cash Basis	4
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WM. F. HORNE
& Company, PLLC
CPAs • BUSINESS ADVISORS

INDEPENDENT AUDITOR'S REPORT

To the Emergency Management Council
The Emergency Management District
Hattiesburg, Mississippi

Report on the Financial Statements

We have audited the accompanying modified cash basis financial statements of the governmental activities and each major fund of The Emergency Management District (the "District") as of and for the year ended September 30, 2017, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with the modified cash basis of accounting described in Note 1; this includes determining that the modified cash basis of accounting is an acceptable basis for the preparation of the financial statements in the circumstances. Management is also responsible for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness

of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

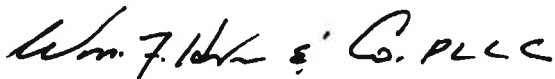
We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and each major fund of the District as of September 30, 2017, and the respective changes in financial position thereof and the respective budgetary comparison for the Civil Defense Fund and Telecommunications Fund for the year then ended in accordance with the modified cash basis of accounting described in Note 1.

Basis of Accounting

We draw attention to Note 1 of the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

A handwritten signature in black ink, appearing to read "Wm. F. L. & Co. PLLC". The signature is written in a cursive, flowing style.

Laurel, Mississippi
December 12, 2017

BASIC FINANCIAL STATEMENTS

THE EMERGENCY MANAGEMENT DISTRICT
Statement of Net Position - Modified Cash Basis
September 30, 2017

	Governmental Activities
ASSETS	
Cash and cash equivalents	\$ 2,298,322
Capital assets, net	<u>2,432,590</u>
Total assets	<u><u>\$ 4,730,912</u></u>
 NET POSITION	
Invested in capital assets	2,432,590
Restricted	1,393,407
Unrestricted	<u>904,915</u>
Total net position	<u><u>\$ 4,730,912</u></u>

The accompanying notes to financial statements are an integral part of this statement.

THE EMERGENCY MANAGEMENT DISTRICT
Statement of Activities - Modified Cash Basis
For the Year Ended September 30, 2017

Functions/Programs	Program Revenues			Net (Expense) Revenue and Changes in Net Position
	Expenses	Charges for Services	Operating Grants and Contribution	Capital Grants and Contribution
Governmental activities				
Public safety	\$ 1,138,789	\$ 126,203	\$ 286,773	\$ 4,928
				(720,885)
General revenues				
E-911 surcharges				792,240
Interest				1,004
Miscellaneous				2,133
Total general revenues				795,377
Change in net assets				74,492
Net position, beginning of year				4,656,420
Net position, end of year				\$ 4,730,912

The accompanying notes to financial statements are an integral part of this statement.

THE EMERGENCY MANAGEMENT DISTRICT

Balance Sheet - Modified Cash Basis

Governmental Funds

September 30, 2017

	Civil		
	Defense	Telecommunications	Total
ASSETS			
Cash and cash equivalents	\$ 810,712	\$ 1,487,610	\$ 2,298,322
Total assets	810,712	1,487,610	2,298,322
FUND BALANCES			
Restricted			
Telecommunications	-	1,393,407	1,393,407
Unrestricted			
Assigned	-	94,203	94,203
Unassigned	810,712	-	810,712
Total fund balances	\$ 810,712	\$ 1,487,610	\$ 2,298,322

The accompanying notes to financial statements are an integral part of this statement.

THE EMERGENCY MANAGEMENT DISTRICT
Reconciliation of Balance Sheet - Modified Cash Basis to
Statement of Net Position - Modified Cash Basis
September 30, 2017

Total fund balances - governmental funds	\$ 2,298,322
Total net position reported for governmental activities in the statement of net position is different because:	
Capital assets used in governmental activities are not financial resources and, therefore are not reported in the funds.	<u>2,432,590</u>
Total net position - governmental activities	<u><u>\$ 4,730,912</u></u>

The accompanying notes to financial statements are an integral part of this statement.

THE EMERGENCY MANAGEMENT DISTRICT
Statement of Revenues, Expenditures, and Changes in Fund Balances - Modified Cash Basis
Governmental Funds
For the Year Ended September 30, 2017

	Civil Defense	Telecommunications	Total
Revenues			
E-911 surcharges	\$ -	\$ 792,240	\$ 792,240
Radio usage fees	-	126,203	126,203
Civil defense appropriations	182,000	-	182,000
State and Federal grants	109,701	-	109,701
Interest	100	904	1,004
Miscellaneous	463	1,670	2,133
Total revenues	292,264	921,017	1,213,281
Expenditures			
Public safety:			
Personnel	153,050	393,278	546,328
Supplies	7,482	21,831	29,313
Other services and charges	24,553	301,779	326,332
Non-capitalizable assets	1,078	4,894	5,972
Capital outlay	6,375	51,980	58,355
Total expenditures	192,538	773,762	966,300
Net change in fund balances	99,726	147,255	246,981
Fund balances, beginning of year	710,986	1,340,355	2,051,341
Fund balances, end of year	\$ 810,712	\$ 1,487,610	\$ 2,298,322

The accompanying notes to financial statements are an integral part of this statement.

THE EMERGENCY MANAGEMENT DISTRICT
Reconciliation of Statement of Revenues, Expenditures, and Changes in Fund
Balances - Modified Cash Basis to Statement of Activities - Modified Cash Basis
For the Year Ended September 30, 2017

Net change in fund balances - governmental funds	\$	246,981
--	----	---------

Amounts reported for governmental activities in the statement of activities are different because:

Capital outlays are reported in governmental funds as expenditures. However, in the statement of activities, the cost of those assets is allocated over their estimated useful lives as depreciation expense. This is the amount by which depreciation expense exceeded capital outlays in the current period.

Capital outlays	\$	58,355	
Depreciation expense		<u>(230,844)</u>	<u>(172,489)</u>

Change in net position - governmental activities	\$	<u>74,492</u>
--	----	---------------

The accompanying notes to financial statements are an integral part of this statement.

THE EMERGENCY MANAGEMENT DISTRICT
Statement of Revenues, Expenditures, and Changes in Fund Balance - Modified Cash Basis
Civil Defense Fund - Budget vs. Actual
For the Year Ended September 30, 2017

	Civil Defense Fund			
	Original Budget	Final Budget	Actual	Variance
Revenues:				
Civil defense appropriations	\$ 182,000	\$ 182,000	\$ 182,000	\$ -
State and Federal grants	64,000	64,000	109,701	45,701
Interest	100	100	100	-
Miscellaneous	-	-	463	463
Total revenues	246,100	246,100	292,264	46,164
Expenditures:				
Public Safety:				
Personnel	181,300	190,050	153,050	37,000
Supplies	10,800	12,285	7,482	4,803
Other services and charges	35,050	36,350	24,553	11,797
Non-capitalizable assets	-	1,078	1,078	-
Capital outlay	15,900	20,822	6,375	14,447
Total expenditures	243,050	260,585	192,538	68,047
Net change in fund balance	3,050	(14,485)	99,726	114,211
Fund balance, beginning of year	710,986	710,986	710,986	-
Fund balance, end of year	\$ 714,036	\$ 696,501	\$ 810,712	\$ 114,211

The accompanying notes to financial statements are an integral part of this statement.

THE EMERGENCY MANAGEMENT DISTRICT
Statement of Revenues, Expenditures, and Changes in Fund Balance - Modified Cash Basis
Telecommunications Fund - Budget vs. Actual
For the Year Ended September 30, 2017

	Telecommunications Fund			
	Original Budget	Final Budget	Actual	Variance
Revenues:				
E-911 surcharges	\$ 835,400	\$ 835,400	\$ 792,240	\$ (43,160)
Radio usage fees	-	126,203	126,203	-
Interest	500	500	904	404
Miscellaneous	5,920	5,920	1,670	(4,250)
Total revenues	841,820	968,023	921,017	(47,006)
Expenditures:				
Public Safety:				
Personnel	425,250	443,750	393,278	50,472
Supplies	33,550	33,550	21,831	11,719
Other services and charges	351,750	351,750	301,779	49,971
Non-capitalizable assets	-	4,894	4,894	-
Capital outlay	66,500	174,809	51,980	122,829
Total expenditures	877,050	1,008,753	773,762	234,991
Net change in fund balance	(35,230)	(40,730)	147,255	187,985
Fund balance, beginning of year	1,340,355	1,340,355	1,340,355	-
Fund balance, end of year	\$ 1,305,125	1,299,625	\$ 1,487,610	\$ 187,985

The accompanying notes to financial statements are an integral part of this statement.

THE EMERGENCY MANAGEMENT DISTRICT

For the Year Ended September 30, 2017

NOTES TO FINANCIAL STATEMENTS

Note 1. Nature of Activities and Summary of Significant Accounting Policies

Financial Reporting Entity

The Emergency Management District (the "District") was created by an Interlocal Agreement under the provisions of Mississippi Emergency Law (Section 33-15-17 et seq., Mississippi Code of 1972) in October 1989. The local governments which originally created the District are Forrest County, Lamar County, and City of Hattiesburg, Mississippi. Lamar County withdrew from the District effective October 1, 1997.

The governing body of the District is the Emergency Management Council (the "Council"). The composition of the Council is as follows: appointee of Forrest County Board of Supervisors, appointee of Mayor of City of Hattiesburg, the Sheriff of Forrest County or a deputy from the department appointed by the Sheriff, the Chief of Police of the City of Hattiesburg or a representative appointed by the Chief of Police, the Fire Chief of the City of Hattiesburg or a representative appointed by the Fire Chief, the Chief of Police for the University of Southern Mississippi (USM) or a representative of USM or such other person as the President of USM may designate, the Executive Director of AAA Ambulance Service, and the Director of the Department of Public Safety of Forrest General Hospital or such other person as the President may designate.

The functions of the District as granted by the local governments are: to perform emergency management services in accordance with the State emergency management plan and program, to implement and maintain an emergency communications system, and to fulfill other responsibilities within the territorial limits of Forrest County, Mississippi; to include all municipalities within this political subdivision. The Forrest County Emergency Communications District and the Forrest County Emergency Planning District are specifically designated as falling within the purview of the District, which through the Council shall also perform all duties and responsibilities pursuant to local and private legislation governing emergency communications districts established under the provisions of House Bill 1187 adopted by the Mississippi Legislature in the 1985 regular sessions.

Under the provisions of Mississippi legislation, the Forrest County Board of Supervisors is responsible for setting the emergency telephone service charge on local telephone service including cellular subscribers. Currently, emergency telephone service charges are \$1.00 per residential telephone subscriber line per month and \$2.00 per commercial telephone subscriber line per month. Cellular telephone and personal communications network subscribers are also subject to the subscriber service charges based on the county in which the subscriber resides.

For financial reporting purposes, the reporting entity includes all funds that are covered by the oversight responsibility of the District's governing body. As applied to government units, the District is considered a special-purpose government since it has a separately elected governing body and it is a legally separate entity.

THE EMERGENCY MANAGEMENT DISTRICT
For the Year Ended September 30, 2017

NOTES TO FINANCIAL STATEMENTS

Note 1. Nature of Activities and Summary of Significant Accounting Policies (Continued)

Basis of Presentation

The District's basic financial statements consist of government-wide statements, including a statement of net position and a statement of activities, and fund financial statements, including a balance sheet and statement of revenues, expenditures, and changes in fund balances. The basic financial statements of the District were prepared on modified cash basis of accounting.

Government-wide Financial Statements:

The government-wide financial statements (i.e. statement of net position – modified cash basis and statement of activities – modified cash basis) present information about the District as a whole. These statements include the non-fiduciary financial activity of the District. Governmental activities are generally financed through taxes, intergovernmental revenues, and other non-exchange transactions.

The statement of net position – modified cash basis presents the financial position of the governmental activities at year-end. The statement of activities – modified cash basis presents a comparison between direct expenses and program revenues for each function or program of the District's governmental activities. Direct expenses are those that are specifically associated with a service, program, or department and are thereby clearly identifiable to a particular function.

Program revenues include charges paid by the recipient of the goods or services offered by the program, and grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Revenues not classified as program revenues are presented as general revenues of the District. The comparison of direct expenses with program revenues identifies the extent to which each governmental function is self-financing or draws from general revenues of the District.

Fund Financial Statements:

Fund financial statements report detailed information about the District in the governmental funds. The focus of governmental fund financial statements is on major funds rather than reporting funds by type. Each major fund is reported in a separate column. Because the focus of governmental fund financial statements differs from the focus of government-wide financial statements, a reconciliation is presented with each of the governmental fund financial statements.

THE EMERGENCY MANAGEMENT DISTRICT
For the Year Ended September 30, 2017

NOTES TO FINANCIAL STATEMENTS

Note 1. Nature of Activities and Summary of Significant Accounting Policies (Continued)

Measurement Focus and Basis of Accounting:

The accounting and financial reporting treatment is determined by the applicable measurement focus and basis of accounting. Measurement focus indicates the type of resources being measured such as *current financial resources* or *economic resources*. The basis of accounting indicates the timing of transactions or events for recognition in the financial statements.

The government-wide financial statements are presented using the *economic resources measurement focus* and the modified cash basis of accounting which is basis of accounting other than accounting principles generally accepted in the United States of America. Revenues are recorded when they are received in cash and expenses are recorded when cash is disbursed. As a result, certain assets and their related revenues (such as receivables and revenue earned but not yet collected) and certain liabilities and their related expenses (such as accounts payable and expenses for goods or services received but not yet paid) are not recorded in these financial statements. However, these financial statements report the capitalized cost of capital assets and related depreciation.

Governmental fund financial statements are presented using a *current financial resources measurement focus* and the modified cash basis of accounting which is a basis of accounting other than accounting principles generally accepted in the United States of America. Only current financial assets and liabilities are generally included on the balance sheet – modified cash basis. Revenues are recorded when they are received in cash and expenditures are recorded when cash is disbursed. As a result, certain assets and their related revenues (such as receivables and revenue earned but not yet collected) and certain liabilities and their related expenditures (such as accounts payable and expenditures for goods or services received but not yet paid) are not recorded in these financial statements.

The District reports the following major governmental funds:

Civil Defense Fund – This is the general operating fund of the District which accounts for all financial resources not required to be accounted for in another fund.

Telecommunications Fund – This is a special revenue fund that primarily accounts for the financial resources received through E-911 surcharges that are legally restricted for specific expenditure purposes.

Deposits & Investments

Cash includes cash on hand, demand deposits, and all certificates of deposits and cash equivalents, which are short-term highly liquid investments that are readily convertible to cash.

THE EMERGENCY MANAGEMENT DISTRICT

For the Year Ended September 30, 2017

NOTES TO FINANCIAL STATEMENTS

Note 1. Nature of Activities and Summary of Significant Accounting Policies (Continued)

Interfund Transactions and Balances

Transactions between funds that are representative of short-term lending/borrowing arrangements and transactions that have not resulted in the actual transfer of cash at the end of the fiscal year are referred to as “due to/from other funds.” Interfund receivables and payables between funds within governmental activities are eliminated in the statement of net position.

Capital Assets

Capital acquisitions and construction in progress are reflected as expenditures in governmental fund statements, and the related assets are reported as capital assets in the governmental activities column in the government-wide financial statement. Donated capital assets are recorded at fair value at the time of donation. Capital assets are defined by the District as those with a cost of more than \$500. The costs of normal maintenance and repairs that do not add to the value of assets or materially extend their respective lives are not capitalized.

Capital assets are depreciated using the straight-line method over the following estimated useful lives:

	Estimated Lives
Buildings and improvements	40 years
Communications equipment	5-15 years
Furniture, fixtures, and equipment	3-10 years
Motor vehicles	5 years

Fund Balance/Net Position

Fund balance represents the difference between assets and liabilities under the current financial resources measurement focus of accounting. In the fund financial statements, governmental funds report fund balance classifications that comprise a hierarchy based primarily on the extent to which the District is bound to honor constraints on the specific purposes for which amounts in those funds can be spent. Fund balances are classified as follows:

- Nonspendable: Fund balances are reported as nonspendable when amounts cannot be spent because they are either: (a) not in spendable form (i.e., items that are not expected to be converted to cash) or (b) legally or contractually required to be maintained intact.
- Restricted: Fund balances are reported as restricted when there are limitations imposed on their use either through enabling legislation or through external restrictions imposed by creditors, grantors or laws or regulations of other governments.

THE EMERGENCY MANAGEMENT DISTRICT

For the Year Ended September 30, 2017

NOTES TO FINANCIAL STATEMENTS

Note 1. Nature of Activities and Summary of Significant Accounting Policies (Continued)

- Committed: Fund balances are reported as committed when they can only be used for specific purposes pursuant to constraints imposed by formal action of the Council through a resolution. Only the Council may modify or rescind the commitment.
- Assigned: Fund balances are reported as assigned when amounts are constrained by the District's intent to be used for specific purposes, but are neither restricted nor committed. The Executive Director through the issuance of purchase orders is authorized to assign amounts. At September 30, 2017, the District reported \$94,203 in assigned fund balance in the Telecommunications Fund for the purchase of communications equipment and software for the North Tower site.
- Unassigned: Fund balances are reported as unassigned as the residual amount when the balances do not meet any of the above criterion.

Net position represents the difference between assets and liabilities in the government-wide financial statements and is classified as follows:

- Invested in capital assets: – The portion of net position that consists of capital assets including restricted capital assets, net of accumulated depreciation.
- Restricted: – The portion of net position with constraints placed on its use either through enabling legislation or through external restrictions such as creditors, grantors, laws or regulations.
- Unrestricted: – The portion of net position not meeting the definition of “restricted” or “invested in capital assets.”

When both restricted and unrestricted amounts of fund balance/net position are available for use for expenditures/expenses, it is the District's policy to use restricted amounts first and then unrestricted amounts as they are needed. For the unrestricted amount of fund balance, it is the District policy to use fund balance in the following order – committed, then assigned, then unassigned.

Note 2. Cash

The carrying amount of the District's deposits with financial institutions was \$2,298,322 and the bank balance was \$2,320,197 at September 30, 2017.

Custodial Credit Risk: Custodial credit risk is defined as the risk that, in the event of the failure of a financial institution, the District will not be able to recover deposits or collateral securities that are in the possession of an outside party. Although the District does not have a formal policy regarding custodial credit risk, the Mississippi State Treasurer manages this risk for public entity deposits held in qualified state depositories. All of the District's deposits are held in qualified state depositories.

THE EMERGENCY MANAGEMENT DISTRICT

For the Year Ended September 30, 2017

NOTES TO FINANCIAL STATEMENTS

Note 2. Cash (Continued)

The collateral for public entity deposits in financial institutions is held in the name of the State Treasurer under a program established by the Mississippi State Legislature and is governed by Section 27-105-5 Miss. Code Ann. (1972). Under this program, the entity's funds are protected through a collateral pool administered by the State Treasurer. Financial institutions holding deposits of public funds must pledge securities as collateral against those deposits. In the event of failure of a financial institution, securities pledged by the institution would be liquidated by the State Treasurer to replace the public deposits not covered by the Federal Depository Insurance Corporation.

State law allows the District to invest in interest bearing time certificates of deposit for periods of fourteen days to one year with qualified depositories and in obligations of the U.S. Treasury, State of Mississippi, or of any county, municipality or school district of this state. Further, the District may invest in certain repurchase agreements.

Note 3. Capital Assets

The following is a summary of the capital asset activity for the year ended September 30, 2017:

	Beginning Balance	Additions	Deletions	Ending Balance
Capital assets not being depreciated				
Land	\$ 75,007	\$ -	\$ -	\$ 75,007
Capital assets being depreciated				
Building and improvements	558,786	-	-	558,786
Communications equipment	2,955,639	8,025	-	2,963,664
Furniture, fixtures, and equipment	277,968	9,070	-	287,038
Motor vehicles	220,992	41,260	-	262,252
Total capital assets being depreciated	4,013,385	58,355	-	4,071,740
Less accumulated depreciation				
Building and improvements	142,693	11,975	-	154,668
Communications equipment	989,778	180,133	-	1,169,911
Furniture, fixtures, and equipment	248,121	9,375	-	257,496
Motor vehicles	102,721	29,361	-	132,082
Total accumulated depreciation	1,483,313	230,844	-	1,714,157
Capital assets being depreciated, net	2,530,072	(172,489)	-	2,357,583
Total capital assets, net	\$ 2,605,079	\$ (172,489)	\$ -	\$ 2,432,590

Depreciation expense for the year ended September 30, 2017 was \$230,844.

THE EMERGENCY MANAGEMENT DISTRICT

For the Year Ended September 30, 2017

NOTES TO FINANCIAL STATEMENTS

Note 4. Pension Plan

Plan Description:

The District contributes to the Public Employees' Retirement System of Mississippi (PERS), a cost-sharing multiple-employer defined benefit pension plan. Plan provisions and the PERS Board of Trustees' authority to determine contribution rates are established by state law and may be amended only by the State of Mississippi Legislature. PERS issues a publicly available financial report that includes financial statements and required supplementary information. That report may be obtained by writing to Public Employee Retirement System, PERS Building, 429 Mississippi Street, Jackson, MS 39201-1005 or by calling (601) 359-3589 or 1-800-444-PERS.

Benefits Provided

Cost-sharing plan participating members who are vested and retire at or after age 60 or those who retire regardless of age with at least 30 years of creditable service (25 years of creditable service for employees who became members of PERS before July 1, 2011) are entitled, upon application, to an annual retirement allowance payable monthly for life in an amount equal to 2.00 percent of their average compensation for each year of creditable service up to and including 30 years (25 years for those who became members of PERS before July 1, 2011), plus 2.50 percent for each additional year of creditable service with an actuarial reduction in the benefit for each year of creditable service below 30 years or the number of years in age that the member is below 65, whichever is less. Average compensation is the average of the employee's earnings during the four highest compensated years of creditable service. A member may elect a reduced retirement allowance payable for life with the provision that, after death, a beneficiary receives benefits for life or for a specified number of years. Benefits vest upon completion of eight years of membership service (four years of membership service for those who became members of PERS before July 1, 2007). PERS also provides certain death and disability benefits. In the event of death prior to retirement of any member whose spouse and/or children are not entitled to a retirement allowance, the deceased member's accumulated contributions and interest are paid to the designated beneficiary.

A member who terminates employment and who is not eligible to receive monthly retirement benefits may request a full refund of accumulated member contributions plus interest. Upon withdrawal of contributions, a member forfeits service credit represented by those contributions.

A cost-of-living adjustment (COLA) payment is made to eligible retirees and beneficiaries. The COLA is equal to 3.00 percent of the annual retirement allowance for each full fiscal year of retirement up to the year in which the retired member reaches age 60 (55 for those who became members of PERS before July 1, 2011), with 3.00 percent compounded for each fiscal year thereafter.

THE EMERGENCY MANAGEMENT DISTRICT

For the Year Ended September 30, 2017

NOTES TO FINANCIAL STATEMENTS

Note 4. Pension Plan (Continued)

Funding Policy:

PERS members are required to contribute 9.00% of their annual covered salary and the District is required to contribute at an actuarial determined rate. The current rate is 15.75% of annual covered payroll. The District's contributions to PERS for the fiscal years ending September 30, 2017, 2016, and 2015 were \$61,977, \$62,832, and \$61,979 respectively, which equaled the required contributions for each year.

Note 5. Operating Lease

The District leases Sixteenth Section land from the Lamar County Board of Education for a transmission tower. This lease is considered for accounting purposes to be an operating lease. The total cost of the lease for the year ended September 30, 2017 was \$7,350. Future minimum lease payments are as follows:

Year Ending	Amount
2018	\$ 7,350
2019	7,350
2020	7,350
2021	7,350
2022	7,350
2023-2027	36,750
	<u>\$ 73,500</u>

Note 6. Risk Management

The District is exposed to various risks of loss related to torts; theft of, damage to, and destruction of assets; errors and omissions; and natural disasters. The District carries commercial insurance for these risks. Settled claims resulting from these insured risks have not exceeded commercial coverage in any of the past three fiscal years.

Note 7. Subsequent Events

Management has considered subsequent events through December 12, 2017, the date the financial statements were available to be issued.



City of Hattiesburg, MS

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

Master

File Number: 2018-248

File ID: 2018-248

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Carter Carroll

File Created: 02/15/2018

Brief Title: Acknowledge receipt of bylaws of Southeast Mississippi Community Investment Corporation (SEMCIC).

Final Action:

Minute Book Number: MB2018-43

Title:

Acknowledge receipt of the Southeast Mississippi Community Investment Corporation (SEMCIC) bylaws, adopted June 18, 2014; SEMCIC exists to help enhance small business lending in Greater Hattiesburg.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: VI.-5

Sponsors:

Enactment Date:

Attachments: SEMCIC Bylaws, 2014

Enactment Number:

Contact:

Meeting Date: 02/20/2018

Drafter: Debbie Bernardo

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	02/20/2018					

Text of Legislative File 2018-248

Title

Acknowledge receipt of the Southeast Mississippi Community Investment Corporation (SEMCIC) bylaws, adopted June 18, 2014; SEMCIC exists to help enhance small business lending in Greater Hattiesburg.

Summary

Acknowledge receipt of bylaws of Southeast Mississippi Community Investment Corporation (SEMCIC).

Budget Information

Expenditure Type

Purchasing Item

Publication Information

SOUTHEAST MISSISSIPPI COMMUNITY INVESTMENT CORPORATION
BYLAWS

Adopted June 18th, 2014

1. BOARD OF DIRECTORS

A. The business, property, and affairs of the Southeast Mississippi Community Investment Corporation, hereinafter referred to as the Corporation, shall be managed by a Board of Directors, which shall determine and adopt such policies and programs as are deemed advisable by it for the accomplishment of the purposes of the Corporation.

B. The Board of Directors shall be composed as follows: The President of the Area Development Partnership (ADP) shall be a member of the Board and shall serve as President of the Corporation. The Officers of SEMCIC listed below shall be elected at the annual membership meeting and shall be members of the Board and are constituted as follows:

- Chair of the Board
- Vice Chair
- Secretary/Treasurer
- Immediate Past Chair

All officers of SEMCIC shall exercise the powers and perform the duties that are established for their respective office and as may be from time to time determined by the Board of Directors. The officers shall be elected to a four (4) year commitment to serve in each office for a one (1) year term. At the expiration of the Chair of the Board's term, the Vice-Chair shall become Chair, and the Treasurer shall become Vice-Chair. The Chair will remain on the Board and serve as Immediate Past Chair. As noted above, a new Treasurer will be elected at the Annual Meeting.

The Board of Directors shall review all loan requests. Each participating bank, BancorpSouth, Great Southern National Bank, Hancock Bank, The First, A National Banking Association, Trustmark National Bank, and Regions Bank shall each appoint one member to the Board who shall serve until he/she is replaced by the appointing bank. Community representatives shall be appointed to three year appointments. Those appointments shall be as follows: Office of the Governor, one (1); City of Petal, one (1); City of Hattiesburg, two (2); Forrest County Board of Supervisors, two (2); Lamar County

Board of Supervisors, one (1); and Perry County Board of Supervisors, one (1). Board membership can be adjusted on an annual basis, as needed.

A participating bank shall be located within the service area of Forrest, Lamar, and Perry counties. A participating bank must contribute \$25,000 up front to the Corporation to be used solely for lending purposes.

It shall be the responsibility of the Board of Directors to establish the policies and procedures of the Corporation. Further, the Board of Directors and ADP staff shall serve as liaisons with the communities served 1) to determine needs of the communities pertinent to the purpose of the Corporation, 2) to review its policies in regard to those needs, and 3) to make potential clients within the communities aware of the services offered by the Corporation.

The Board of Directors shall meet quarterly, but may also meet upon the call of the President or Chairman of the Board. A quorum shall consist of eight (8) Board members.

C. Any Board of Director may resign at any time by delivering a written resignation to the Chair of the Board of Directors or to the President of the Corporation. Such resignation shall be effective upon receipt unless otherwise provided by the terms thereof.

2. FINANCIAL SAFEGUARDS

All regular accounting procedures will be employed by the Vice-President of Finance and Administration of the Area Development Partnership to ensure the proper handling of all funds. An annual audit shall be conducted by a certified public accounting firm and will be presented by the Auditor to the full board. Checks drawn from SEMCIC bank accounts for \$1,000 or more shall require two signatures. The President and all officers shall serve as signature authorities on SEMCIC bank accounts.

3. LOAN PROCESS

The Corporation exists to help enhance small business lending in Greater Hattiesburg. The process for determining the adequacy of the loan request and the financial solvency of the applicant will be determined by the Board of Directors in coordination with the ADP staff and member banks. The full board will vote on all complete applications presented by ADP staff.

4. MEMBERSHIP MEETINGS

The annual membership meeting of the Southeast Mississippi Community Investment Corporation shall be held at the regular December meeting of the Board of Directors.

Special meetings of the membership may be called by the President, or Chair of the Board of Directors.

At special meetings, the members shall have power to transact such business as is stated in the call and any other business deemed appropriate by the Chair and authorized by a majority of the members present at the called meeting. At the request of the President or one of the Officers, business may be conducted via conference call or email when appropriate.

At membership meetings, each member shall be entitled to one vote and only one vote, which may be exercised either in person or by proxy made in writing to the Chair or President. Eight (8) Board members in good standing shall constitute a quorum for membership meetings.

5. MATCHING STATE FUNDS

Funding provided by Community Development Block Grants and/or the Minority Enterprise Loan Program shall be maintained and accounted for separately. MS Small Business Assistance and Minority Loan Program funds shall be maintained and handled in accordance with State rules.

6. LENDING POLICY

It shall be the duty of the Board of Directors to establish and maintain the lending policy of the Southeast Mississippi Community Investment Corporation. For all public funds, the policy of the Corporation shall restrict loans to those small businesses as described in the SBA's Small Business Investment Company program. Where Community Development Block Grant, MS Small Business Assistance, or Minority Enterprise Loan Program funds are used the lending policies of the Corporation shall comply with the requirements of those programs.

Loans will be processed by the Corporation and upon approval by the Board of Directors. A certificate of deposit will be purchased at the participating bank in the case of a SEMCIC guarantee. This bank will document, close, service and collect the loan. If the Corporation makes a direct loan in participation with a bank, the Corporation will document, close, service and collect the loan.

7. AMENDMENTS

Amendments to these by-laws may be adopted by the Board of Directors upon a vote of eight (8) of the members of the Board.

8. DISSOLUTION

The Board of Directors, upon a vote of eight (8) of its membership, may dissolve the corporation. Remaining Bank CDC funds or assets shall be entrusted to a non-profit organization which shall be voted on by the Board at that time. State of Mississippi Minority Revolving Loan funds, or other State or Federal funds will be handled according to guidelines and will be returned to the State of Mississippi.



City of Hattiesburg, MS

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

Master

File Number: 2018-233

File ID: 2018-233

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 02/12/2018

Brief Title: Reject all bids for the COMSWIP Sewer VIII - Camp Street Project and authorize readvertisement.

Final Action:

Minute Book Number: MB2018-44

Title:

Acknowledge Bids received February 1, 2018 for the Comprehensive Sewer /Water Improvements Project - Phase VIII - Camp Street and reject all bids; Approve new plans and specifications for project and authorize re-advertisement for bids.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: VI.-6

Sponsors:

Enactment Date:

Attachments: Memo - Weeks, Shows Dearman & Waits, Advertisement for Bids, 1273S010_Plans_Street Ready Set_Signed_2018-02-12, 1273-S010_Specs_Review Set_2018_02_12, executed Advertisement for Bids for Comp. Sewer Water Improvements Project - Phase VII

Enactment Number:

Contact:

Meeting Date: 02/20/2018

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	02/20/2018					

Text of Legislative File 2018-233

Title

Acknowledge Bids received February 1, 2018 for the Comprehensive Sewer /Water Improvements Project - Phase VIII - Camp Street and reject all bids; Approve new plans and specifications for project and authorize re-advertisement for bids.

Summary

Acknowledge Bids received February 1, 2018 for the Comprehensive Sewer /Water Improvements Project - Phase VIII - Camp Street and reject all bids; Approve new plans and specifications for project and authorize re-advertisement for bids.

Budget Information

093695.7220.70

Expenditure Type

2016 Water/Sewer Bonds



Engineering Progress

February 1, 2018

City of Hattiesburg
P.O. Box 1898
Hattiesburg, MS 39403-898

Attn: Lamar Rutland, P.E.

Re: Comprehensive Sewer/Water Improvements- Phase VIII
City of Hattiesburg

Dear Lamar:

Shows, Dearman & Waits, Inc. recommends all bids submitted for the above referenced project on February 1, 2018 be rejected to clarify any possibility of ambiguity in the specifications. We have included a copy of the bid tabulation for your use. Also enclosed are the bids submitted.

We are requesting approval of the attached plans and specifications and permission to advertise the same.

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 a vertical line.

John T. Weeks, P.E.
Project Engineer

faa

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

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

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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
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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
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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
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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
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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.
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CONSTRUCTION PLANS

FOR

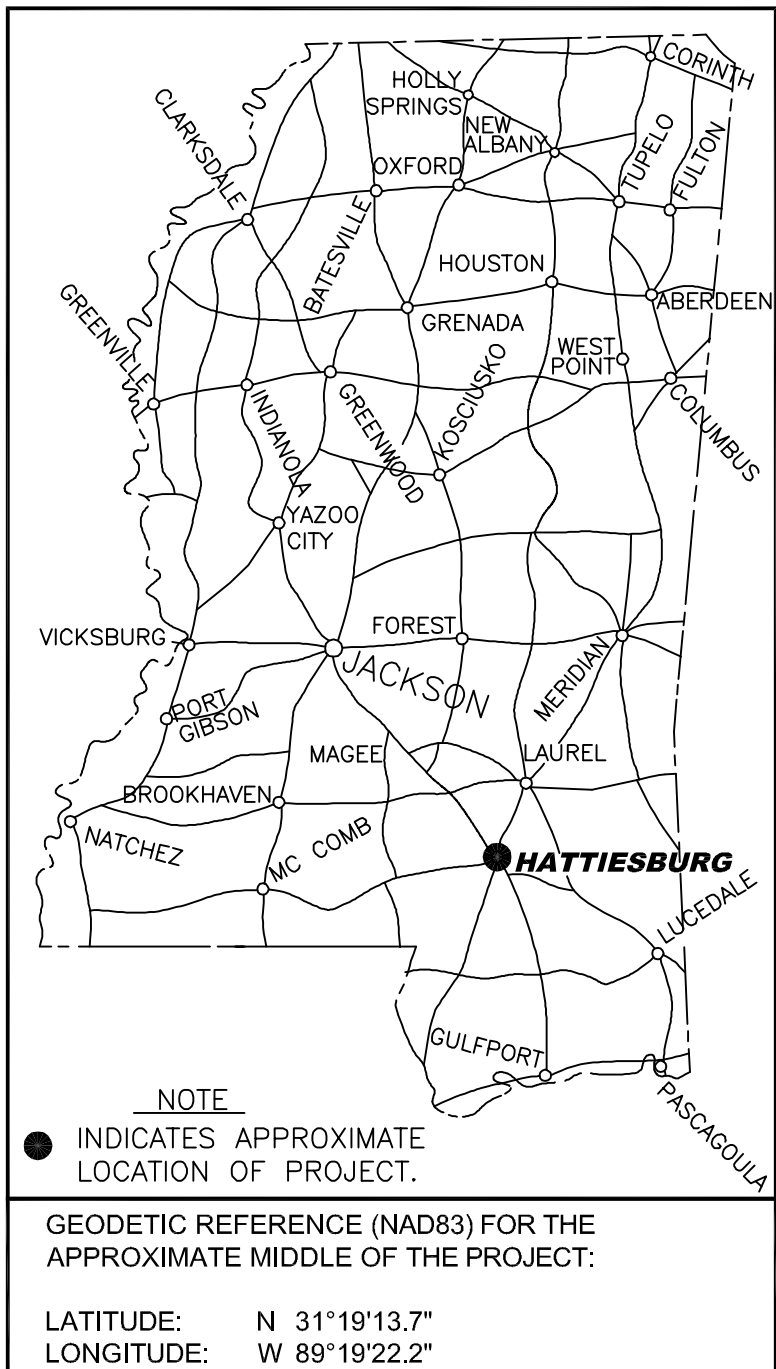
COMPREHENSIVE SEWER/WATER
IMPROVEMENTS - PHASE VIII
CAMP STREET AREA

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

COUNCIL PERSONS

Carter Carroll, President
Mary Dryden, Vice President
Jeffrey George
Deborah Denard Delgado
Nicholas Brown

DIRECTOR OF ENGINEERING

Lamar Rutland, PE

PREPARED BY:

sdw
Engineering Progress

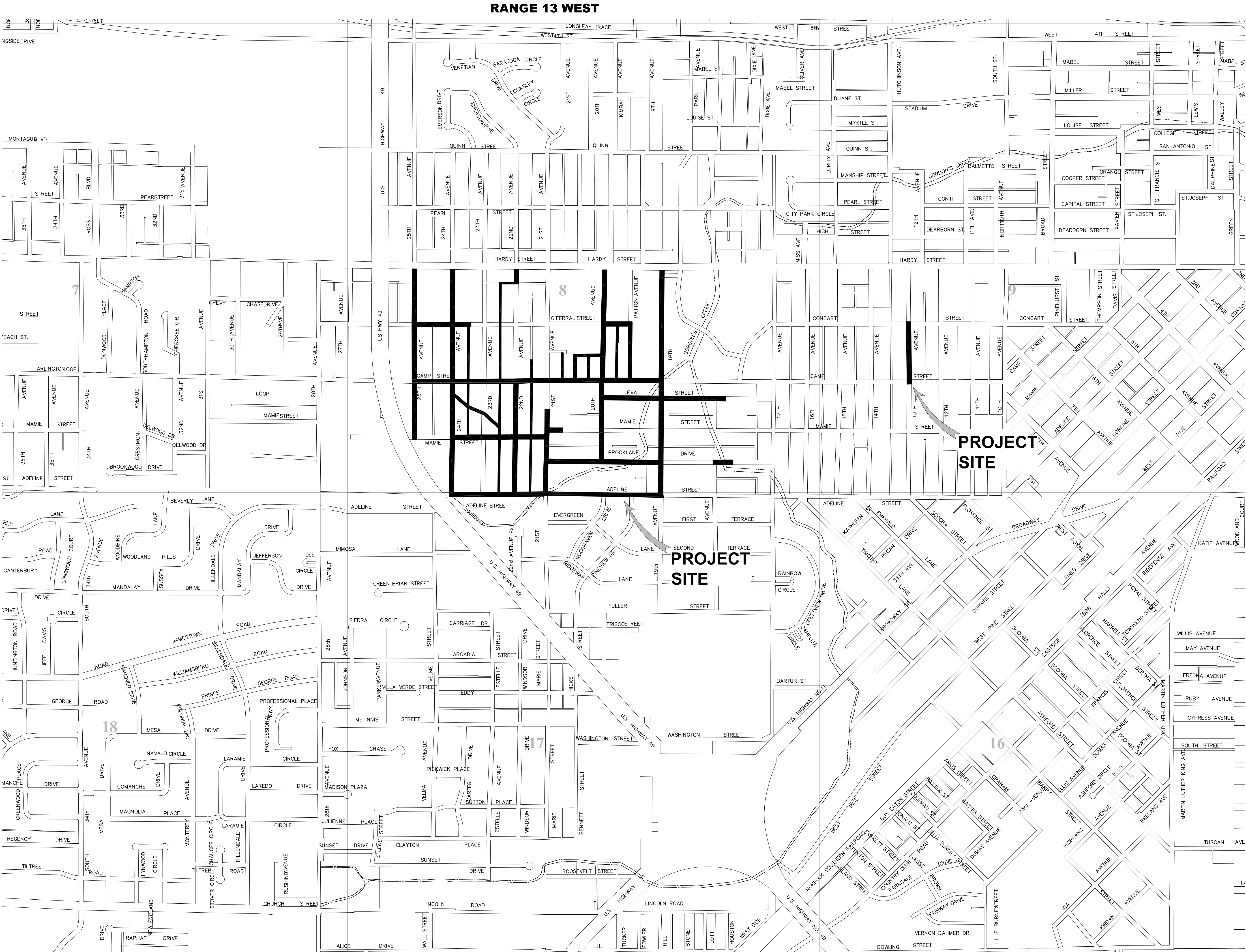
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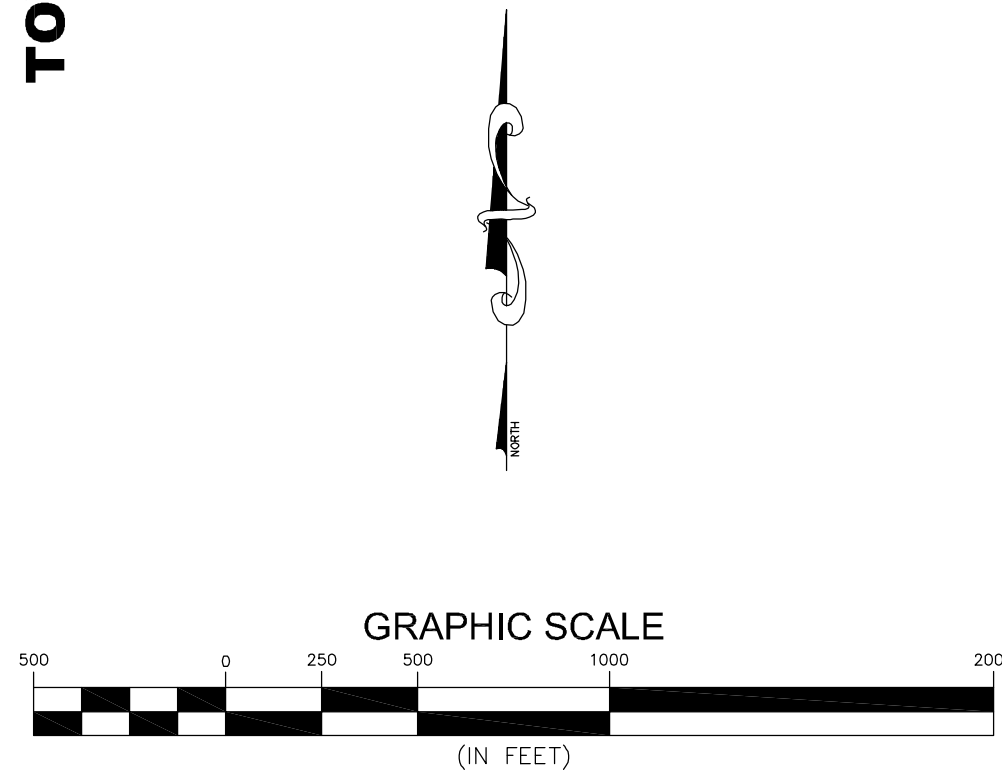
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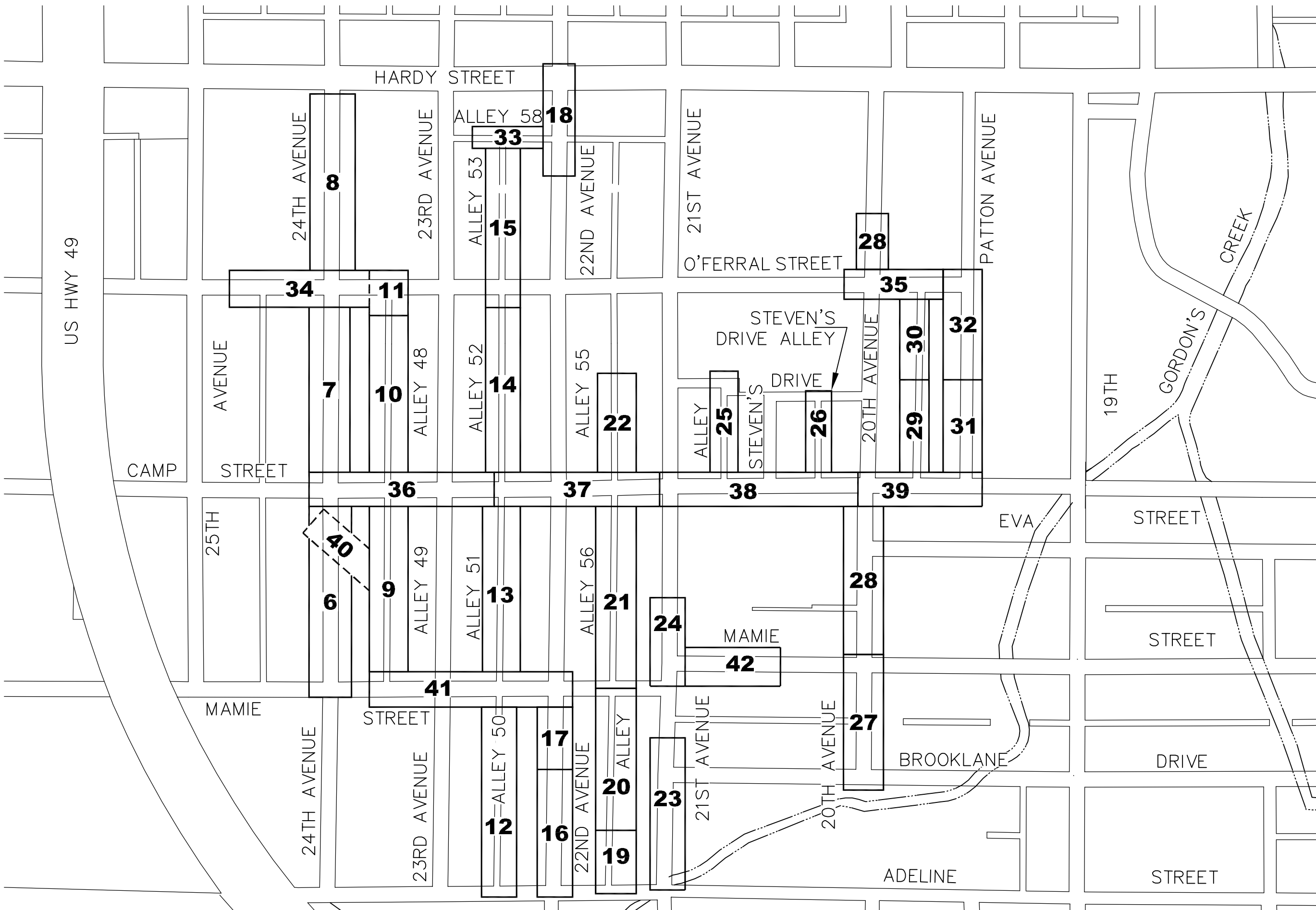


TOWNSHIP 4 NORTH

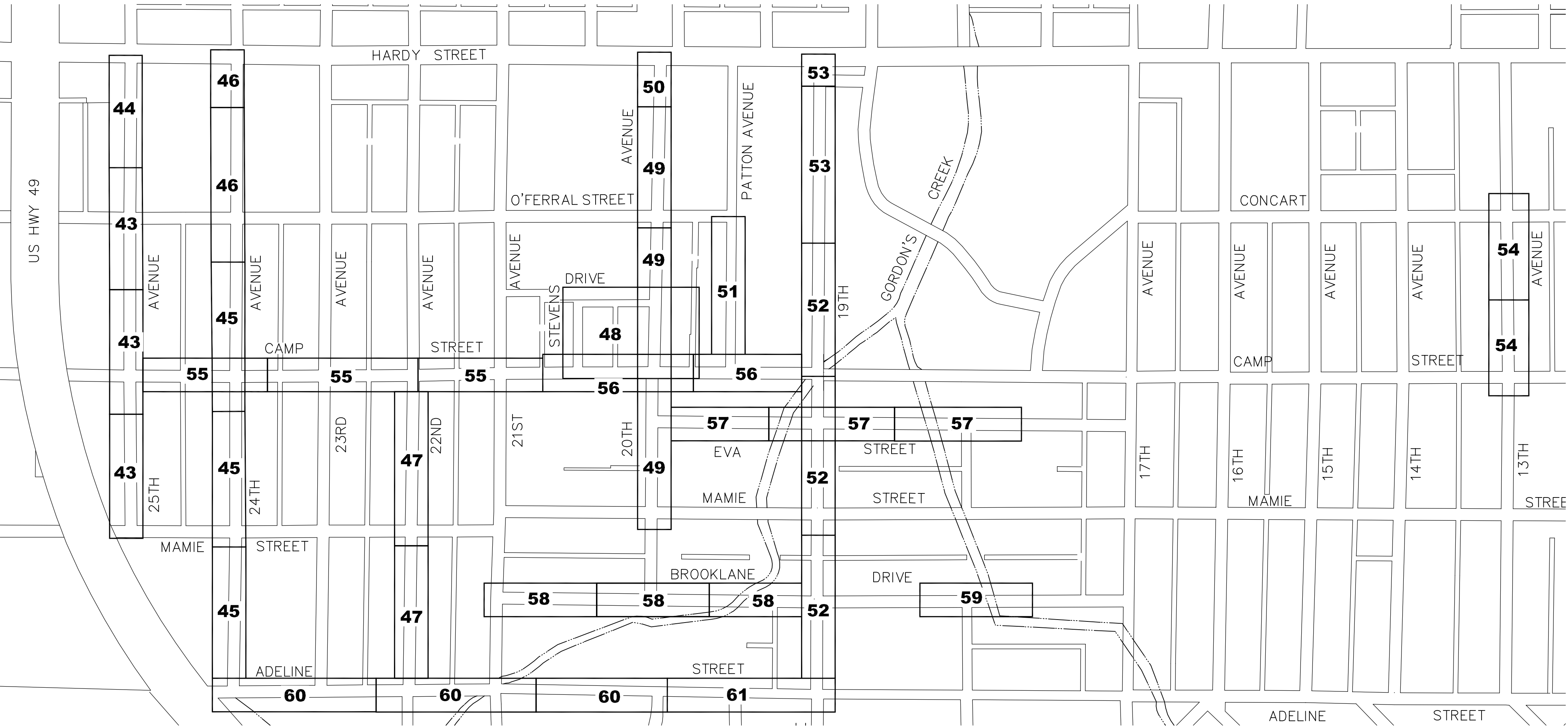


NO.	DATE	DESCRIPTION	BY
VICINITY MAP			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
 Engineering Progress			
301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
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Date: 12-11-2017		Working No. VM	
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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

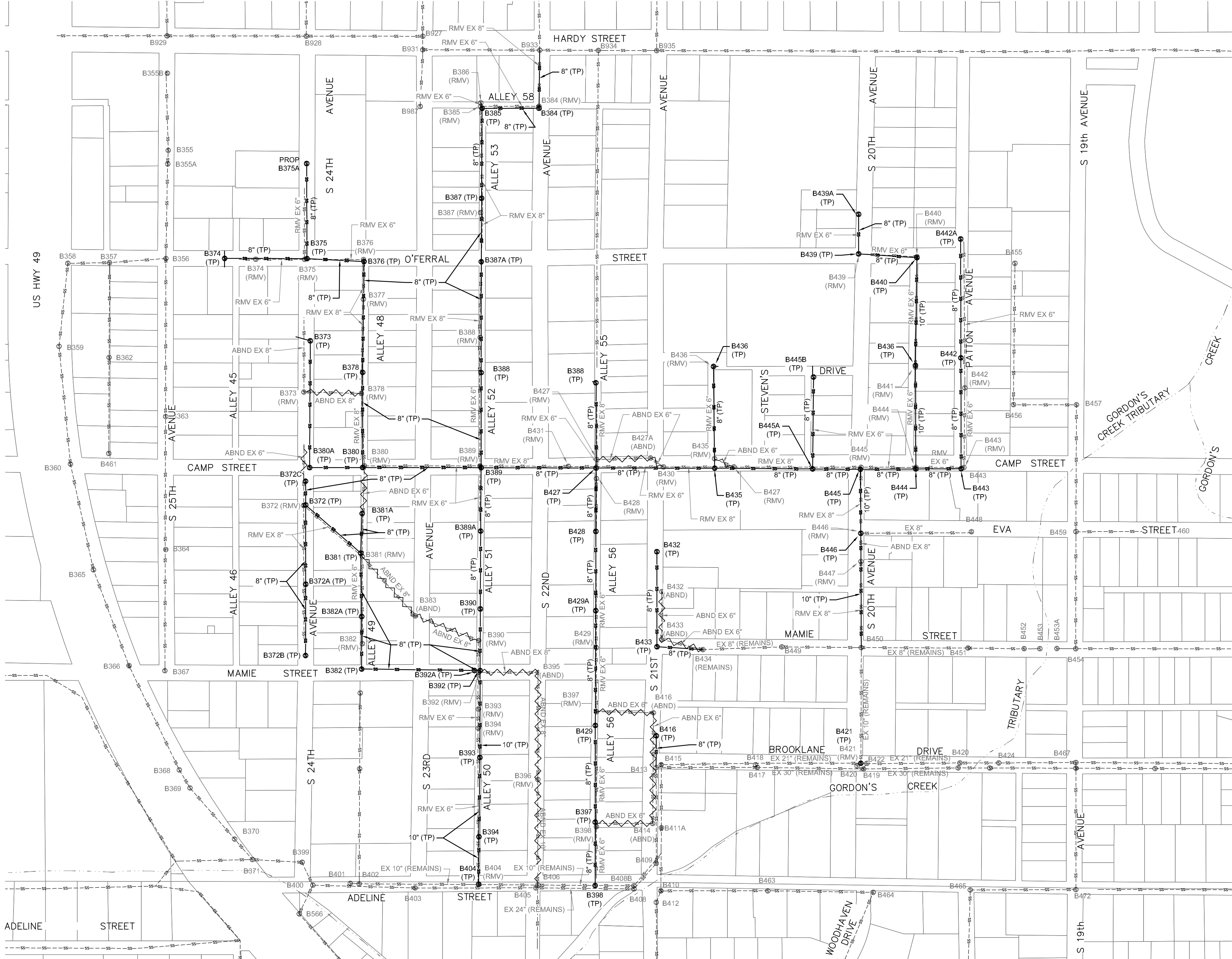
SYMBOL LEGEND:

- 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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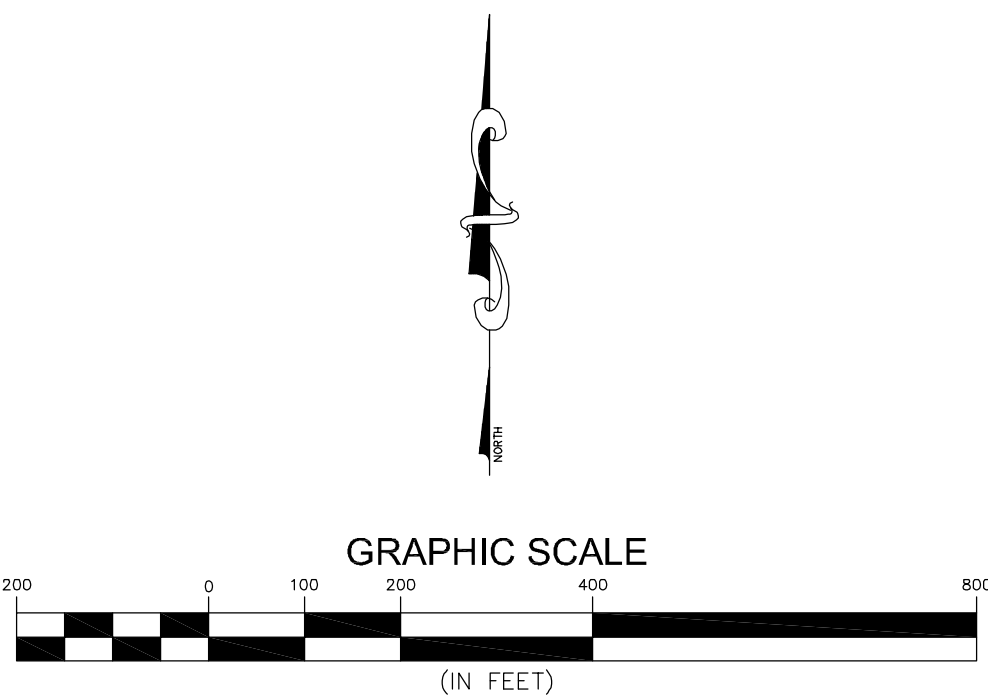
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GENERAL NOTES

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 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 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:

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 MAINS 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 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

sdw

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Checked by: JTW

Scale: NONE

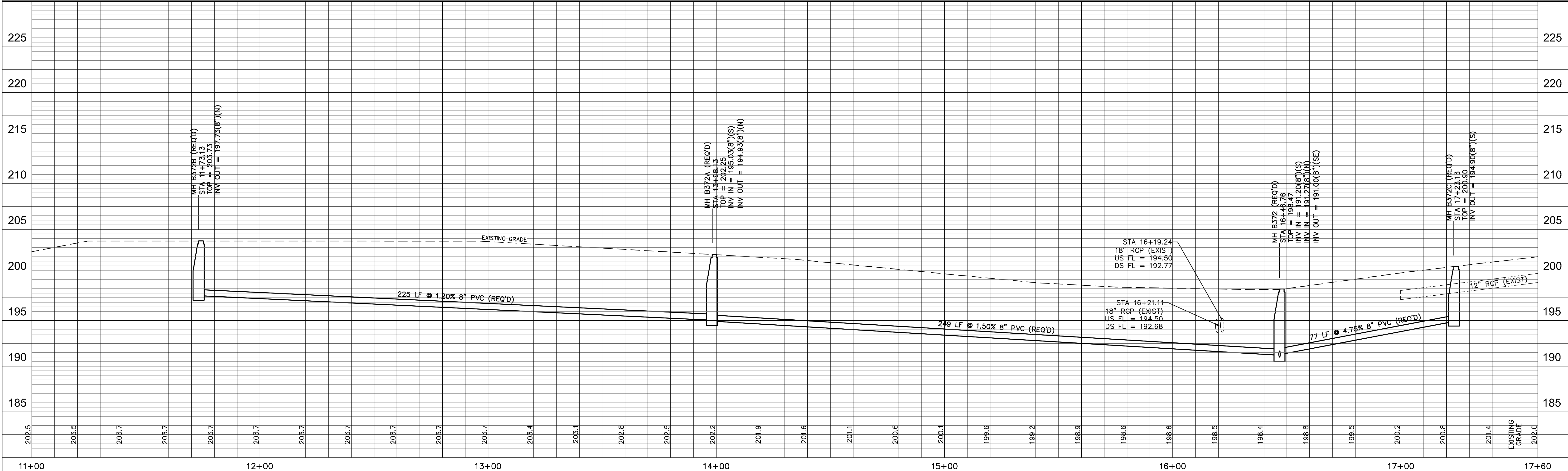
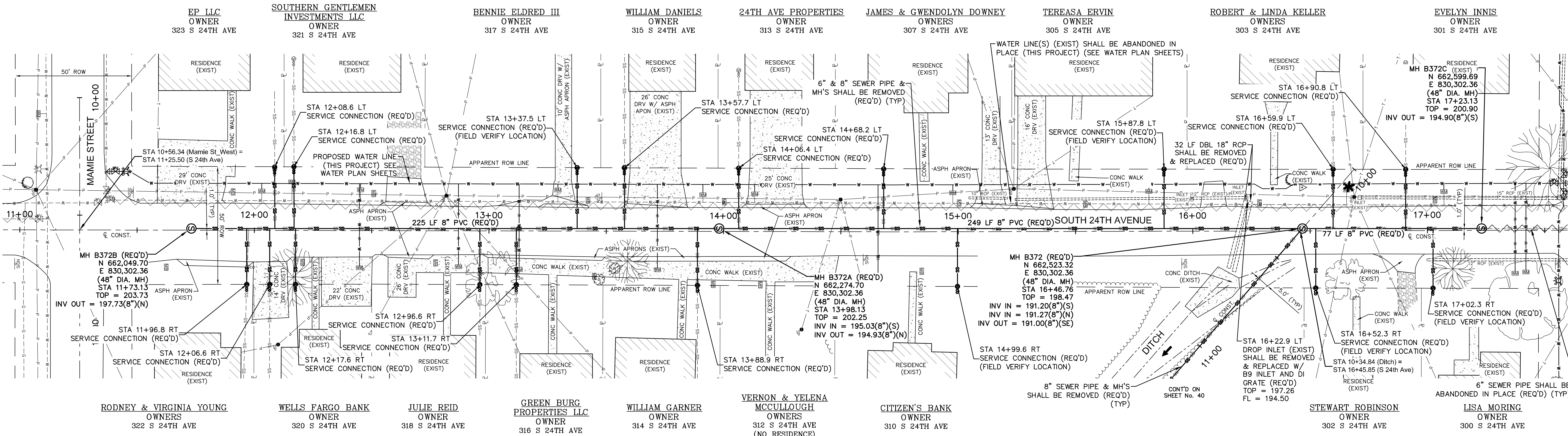
Date: 12-11-2017

Working No. GN1

Drawing No.: 1273-S010

Sheet No. 5

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

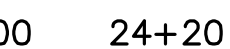
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DATE	REVISION	BY					



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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.	PnP 2
SHEET NO.	7

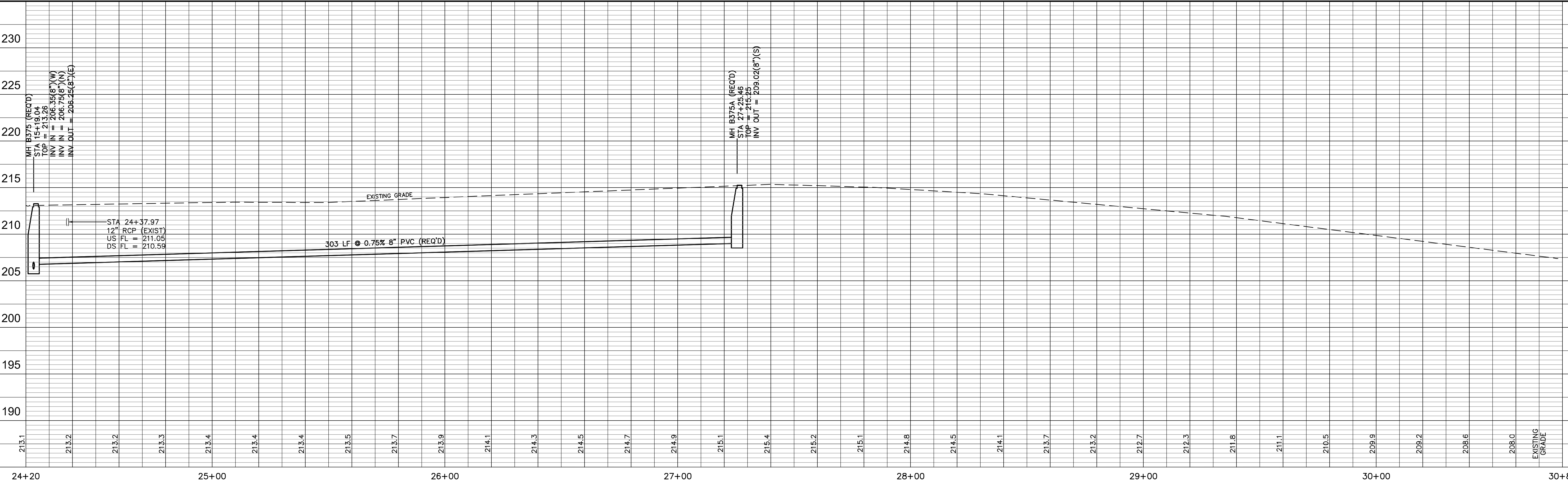
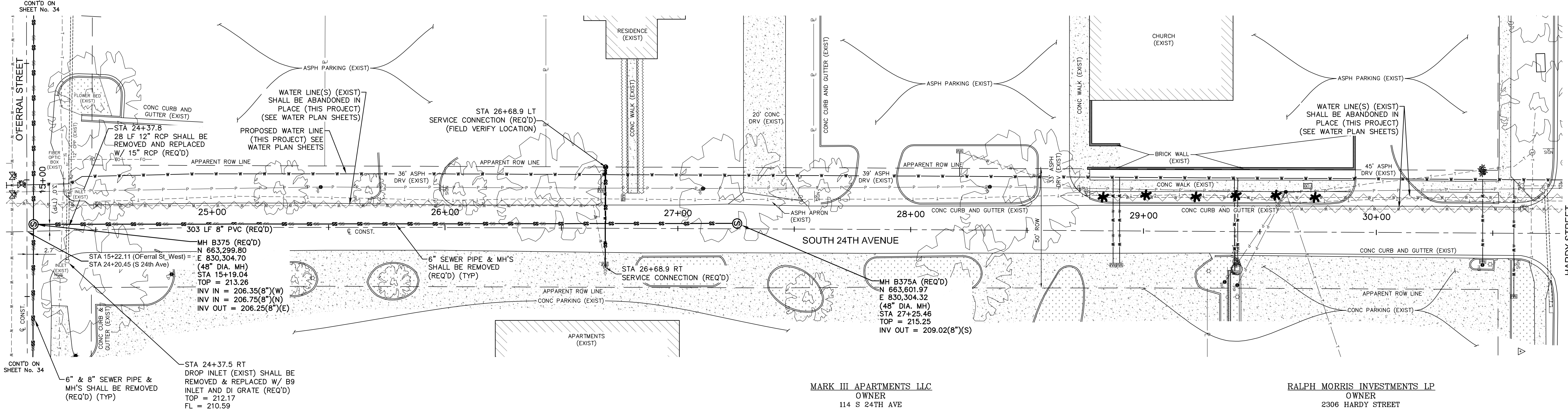
CONTROL MONUMENT - 3
GUARDED 60# GALV MAG NAIL
N 663.342.31
E 830.321.57
14.9 FT RT STA. 20+27.79

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	 sdw Engineering Progress 301 Second Ave., Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com	DRAWING NO. 1273-S010
			DATE: 12-11-2017		
			CHECKED BY: JTW		WORKING No. <u>PnP 3</u>
DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V		SHEET NO. <u>8</u>

CONTROL MONUMENT - 4
GUARDED 609 GAL V MAG NAIL
N 662,254.83
E 830,533.58
46.1 FT RT STA. 12+51.98

RODNEY & VIRGINIA YOUNG
OWNERS
322 S 24TH AVE

WELLS FARGO BANK
OWNER
320 S 24TH AVE

JULIE REID
OWNER
318 S 24TH AVE

GREEN BURG
PROPERTIES LLC
OWNER
316 S 24TH AVE

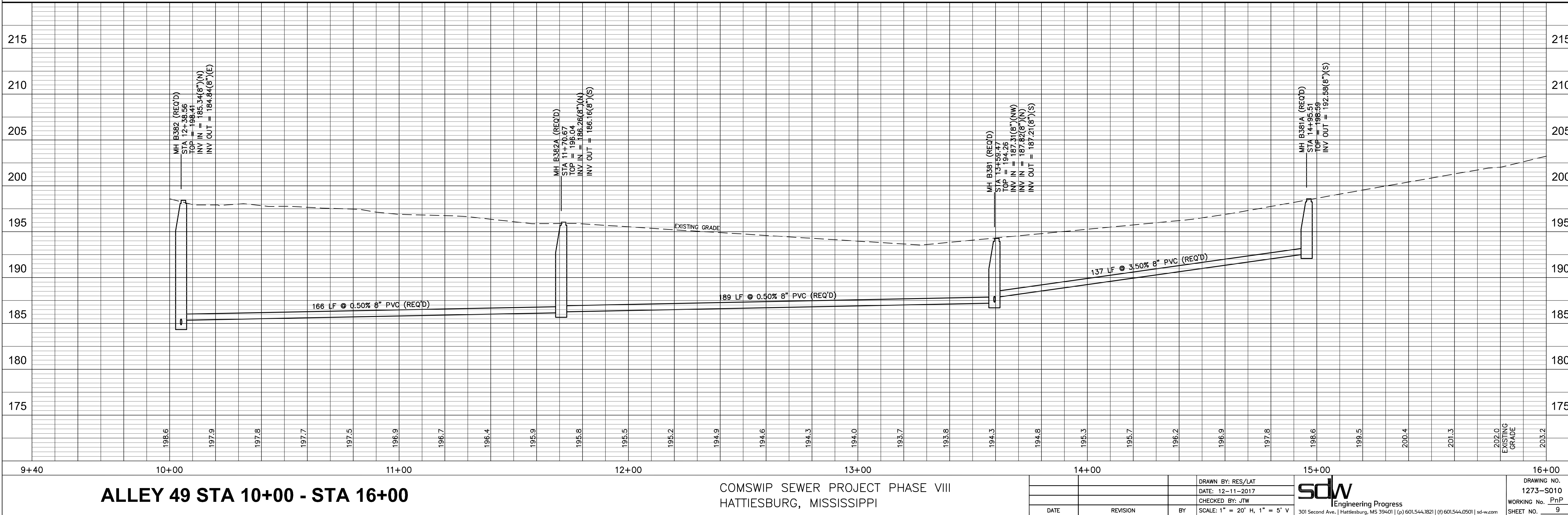
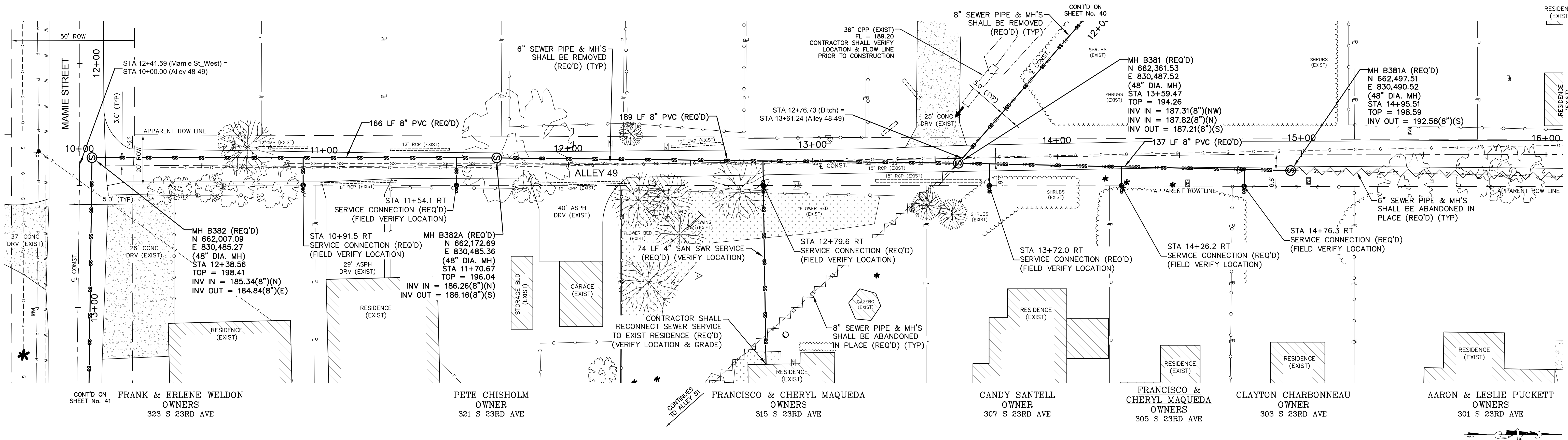
WILLIAM GARNER
OWNER
314 S 24TH AVE

VERNON & YELENA
MCCULLOUGH
OWNERS
312 S 24TH AVE

CITIZEN'S BANK
OWNER
310 S 24TH AVE

STEWART ROBINSON
OWNER
302 S 24TH AVE

LISA MORING
OWNER
300 S 24TH AVE

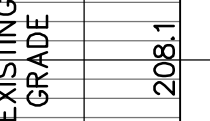


ALLEY 49 STA 10+00 - STA 16+00

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	
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			SHEET No. 9	

CONTROL MONUMENT 6
GUARDED 60d GALV MAG NAIL
N 662,902.79
E 830,489.42
4.4 FT RT STA. 19+00.85



COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

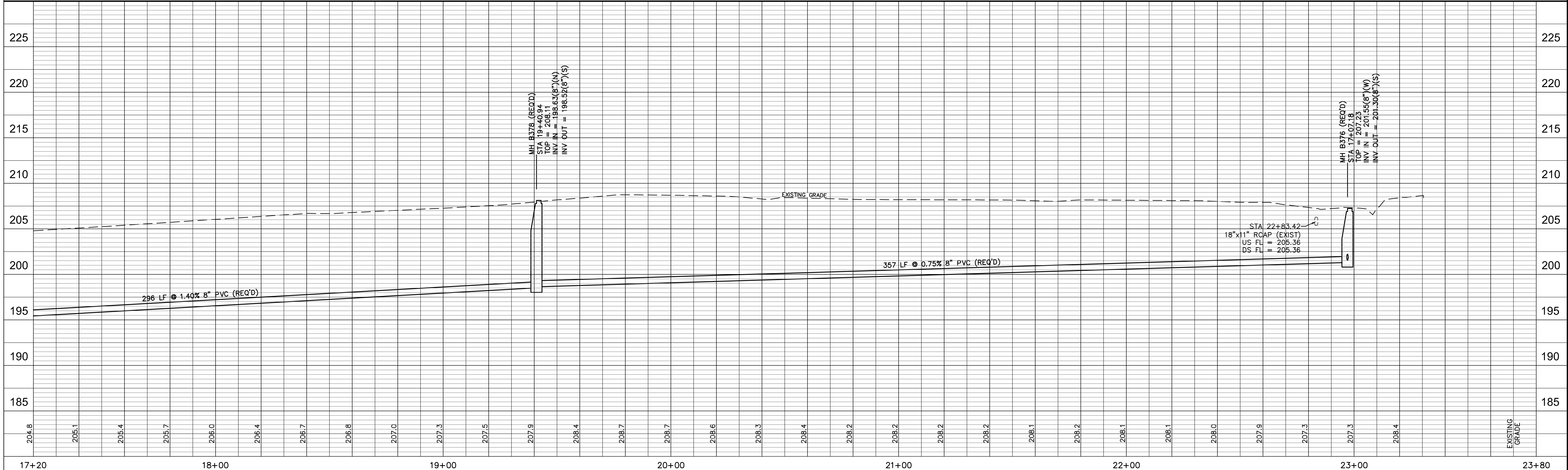
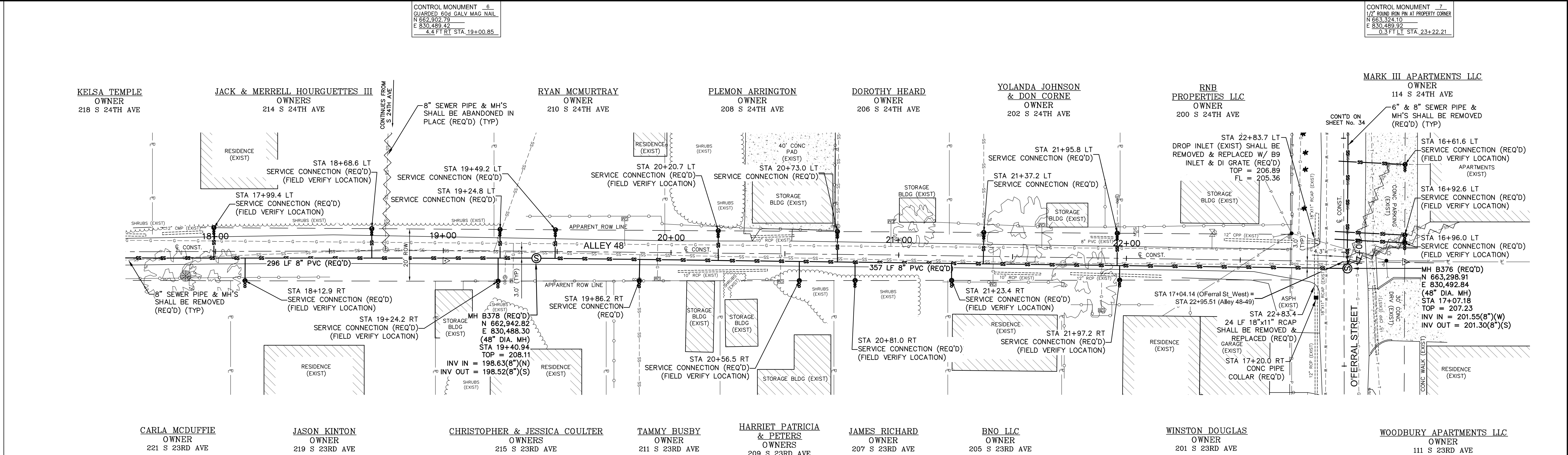
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DRAWING NO.
1273-S010
WORKING No. PnP 5
SHEET NO. 10

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ALLEY 48 STA 17+20 - STA 23+00

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

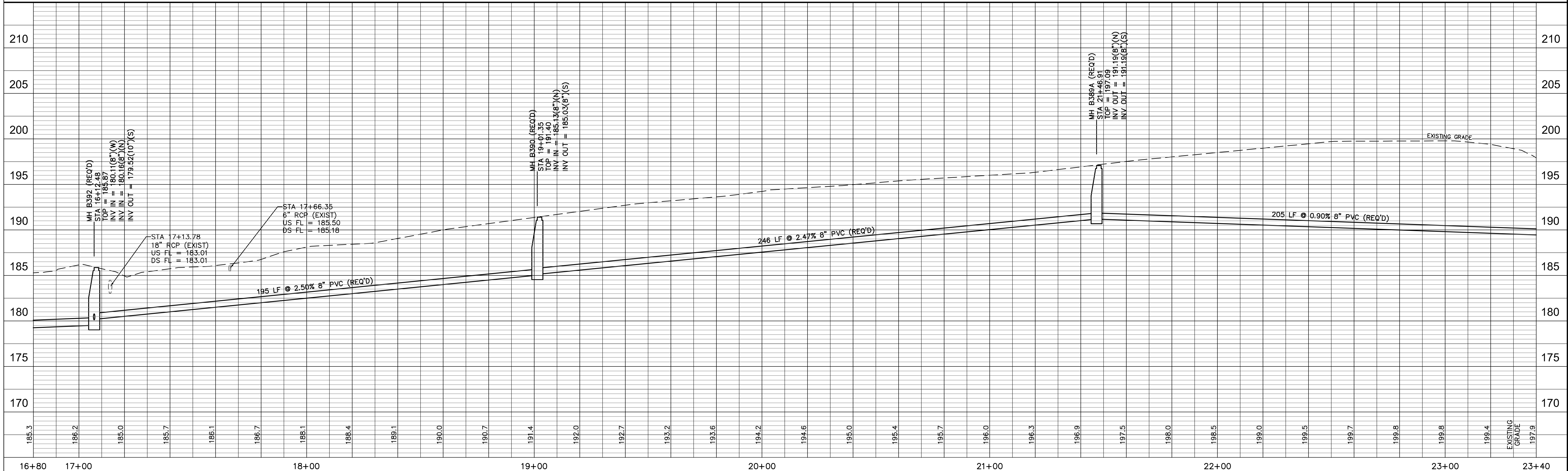
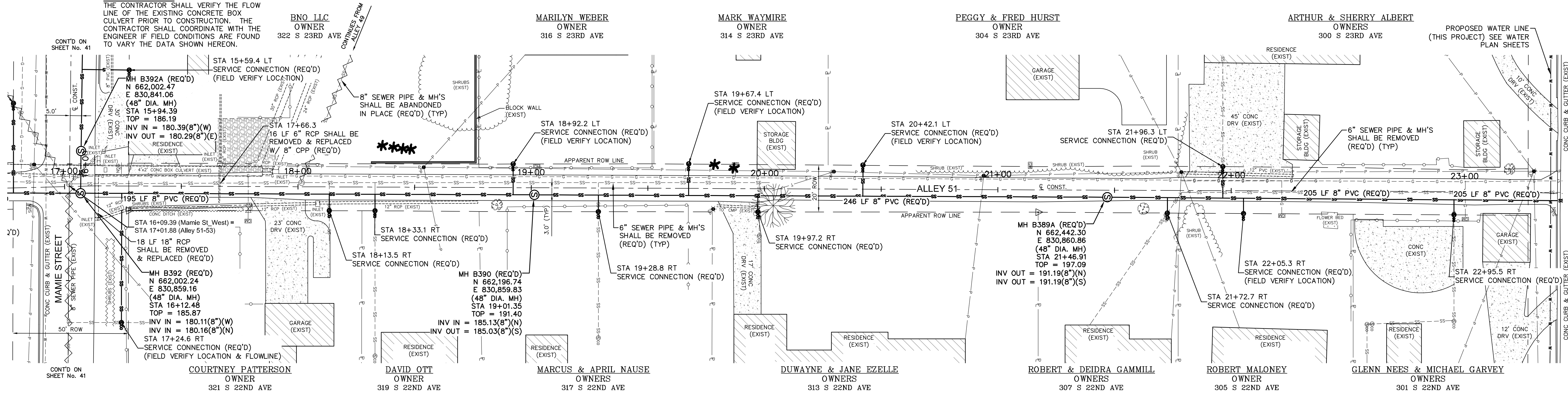
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CONTROL MONUMENT 35
1/2" IRON PIN FND (PROPERTY CORNER)
N 662,022.85
E 830,859.02
10.6 FT RT STA 17+27.50

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

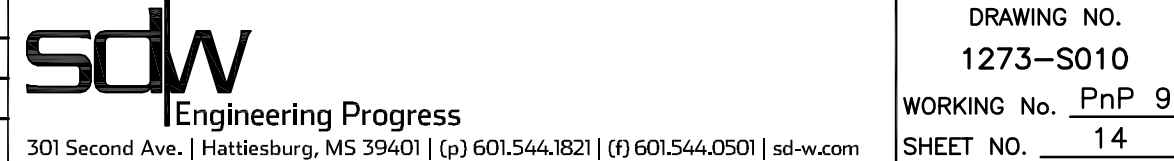
DATE	REVISION	BY

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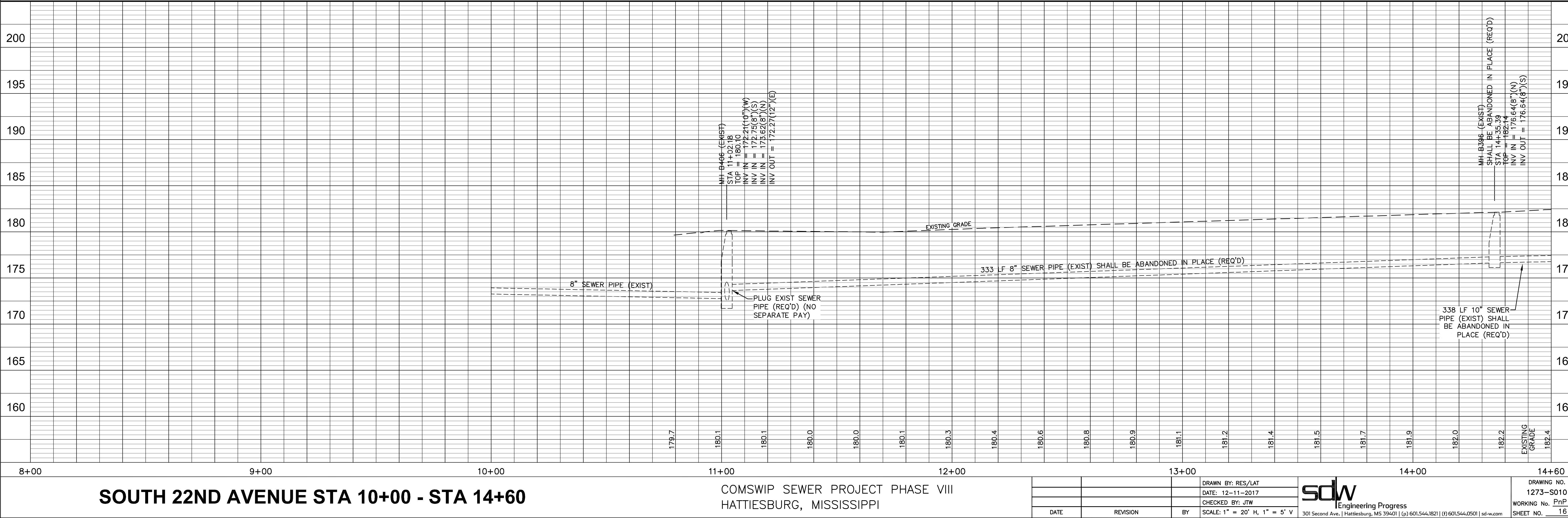
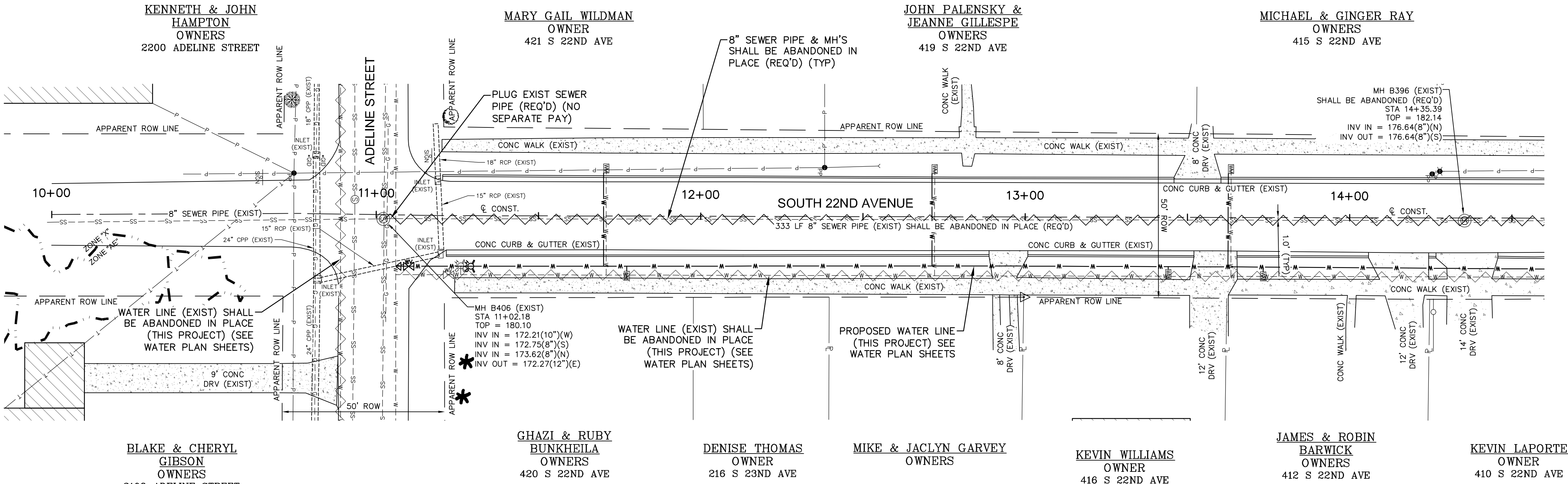
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DRAWING NO.
1273-S010
WORKING No. PnF 8
SHEET NO. 13



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CONTROL MONUMENT .38
3/4" IRON PIN FOUND (PROPERTY CORN)
N 66°15'22.54"
E 83°10'55.15"
24.7 FT RT STA 12+99.60



SOUTH 22ND AVENUE STA 10+00 - STA 14+60

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
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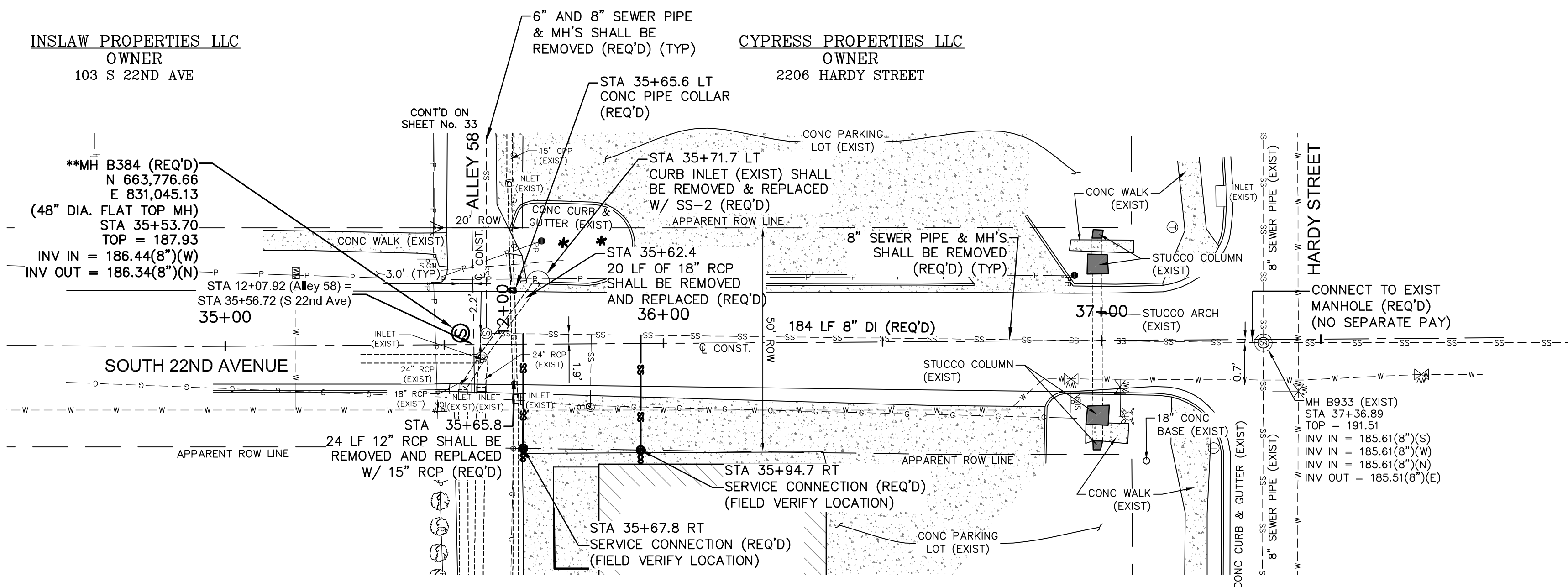
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MANHOLE LID SHALL BE BOLTED
AND SEALED.

CONTROL MONUMENT 40
3/4" IRON PIN FOUND (PROPERTY CRNR)
N 663770.74
E 831021.14
26.7 FT LT STA. 35+47.94

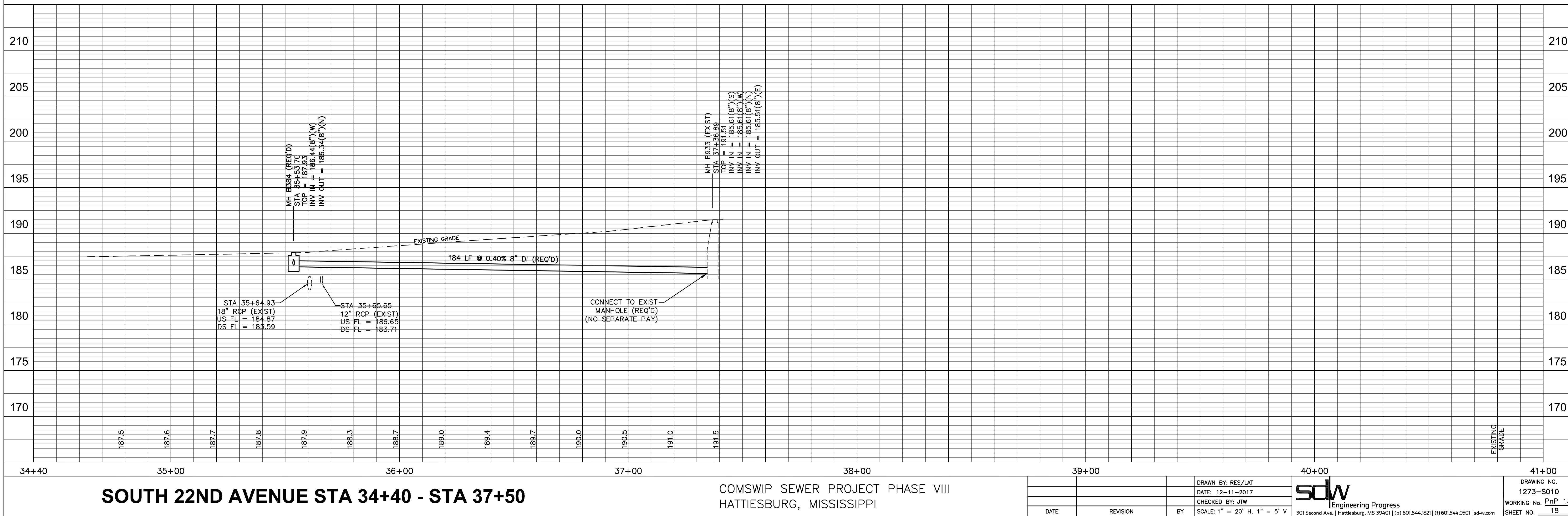
INSLAW PROPERTIES LLC
OWNER
103 S 22ND AVE

CYPRESS PROPERTIES LLC
OWNER
2206 HARDY STREET



DAVID & LESLIE BUTLER
OWNERS
100 S 22ND AVE

GENE & BRENDA OWENS
OWNERS
2208 HARDY STREET

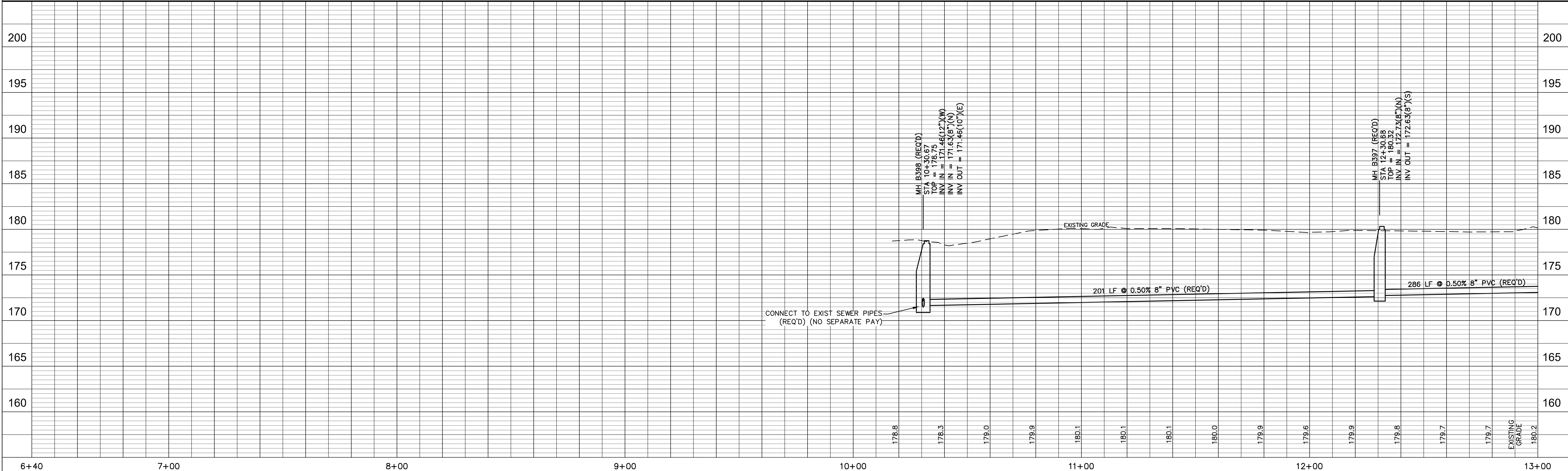
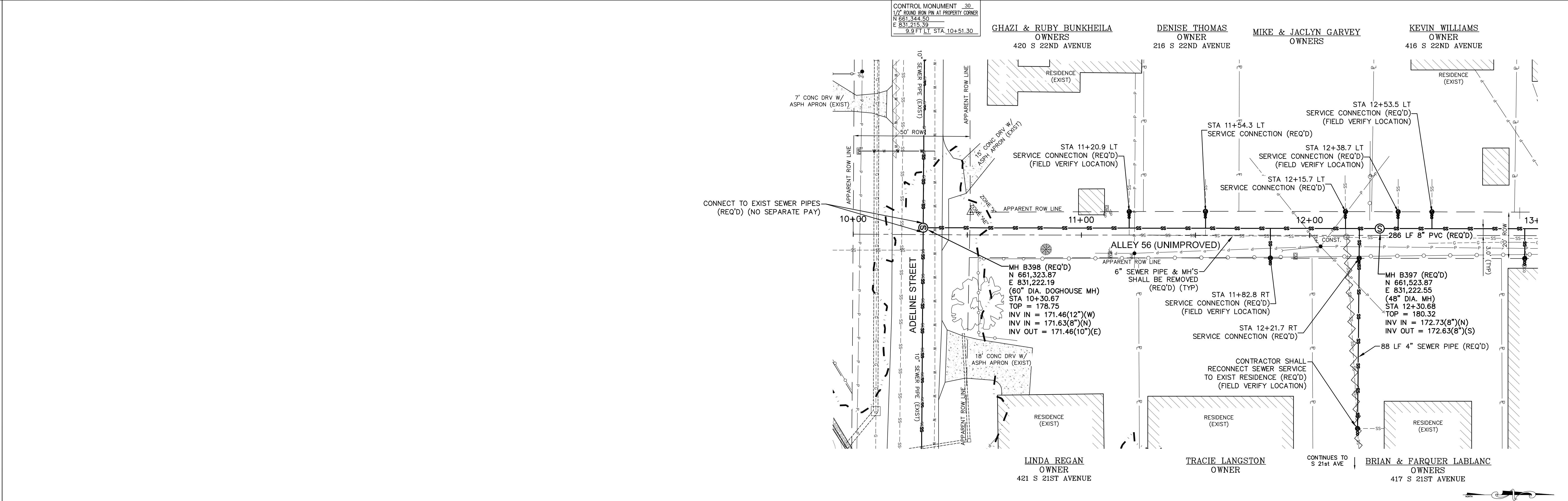


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1273-S010
WORKING No. PnP 1.
SHEET NO. 18

G:\PROJECTS\Hattiesburg_City of 1273-S010 - ComSWIP Sewer Phase VIII - Camp St Area 1273S010 CAD Files\1273S010.dwg; P1P 14, 12/11/2017 8:14:46 AM



ALLEY 56 STA 10+00 - STA 13+00

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

DRAWN BY: RES/LAT		DATE: 12-11-2017		CHECKED BY: JW		SCALE: 1" = 20' H, 1" = 5' V	
DATE	REVISION	BY					

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DRAWING NO.
1273-S010

WORKING No. P1P 14

SHEET NO. 19

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

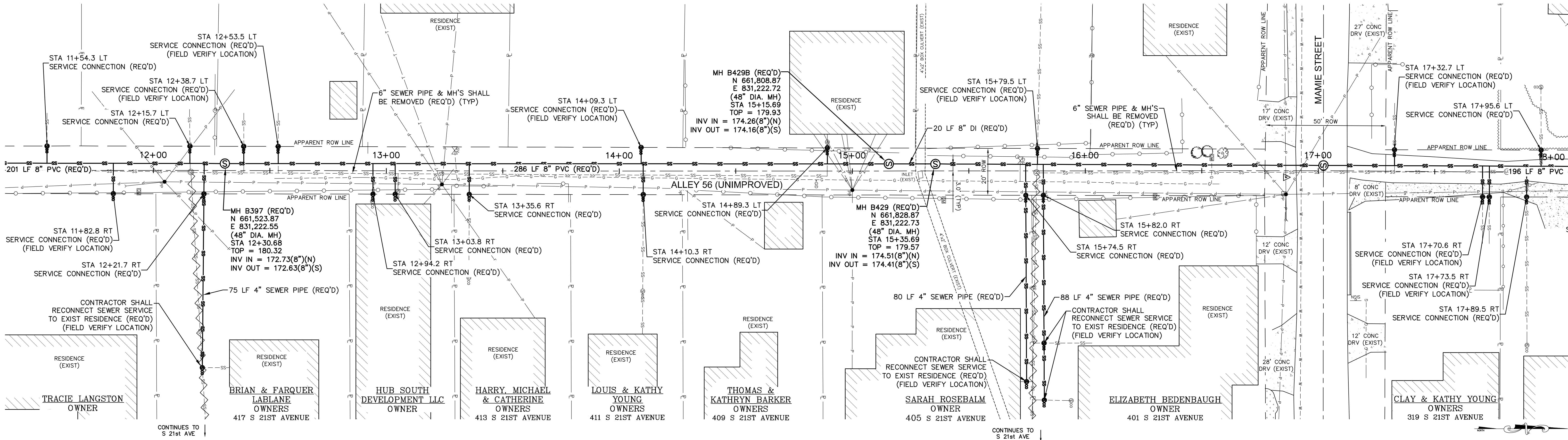
RANDY & CHERILYN THOMAS
OWNERS
406 S 22ND AVENUE

SHAWN NICHOLS
OWNER
404 S 22ND AVENUE

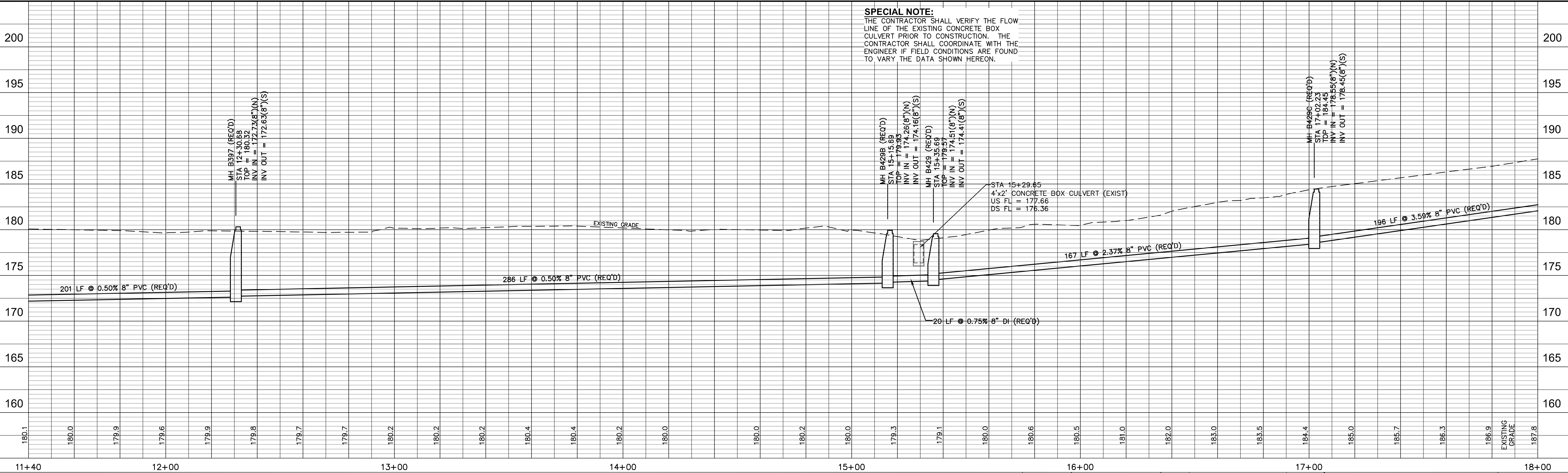
DAVID VANCE
OWNER
400 S 22ND AVENUE

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



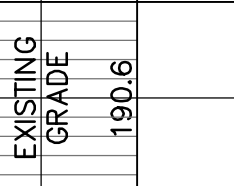
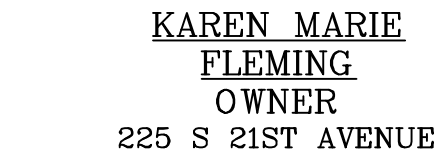
SPECIAL NOTE:
THE CONTRACTOR SHALL VERIFY THE FLOW LINE OF THE EXISTING CONCRETE BOX CULVERT PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER IF FIELD CONDITIONS ARE FOUND TO VARY THE DATA SHOWN HEREON.



ALLEY 56 STA 11+40 - STA 18+00

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

			DRAWN BY: RES/LAT	 Engineering Progress	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 sd-w.com	WORKING No. PnP 15 SHEET No. 20



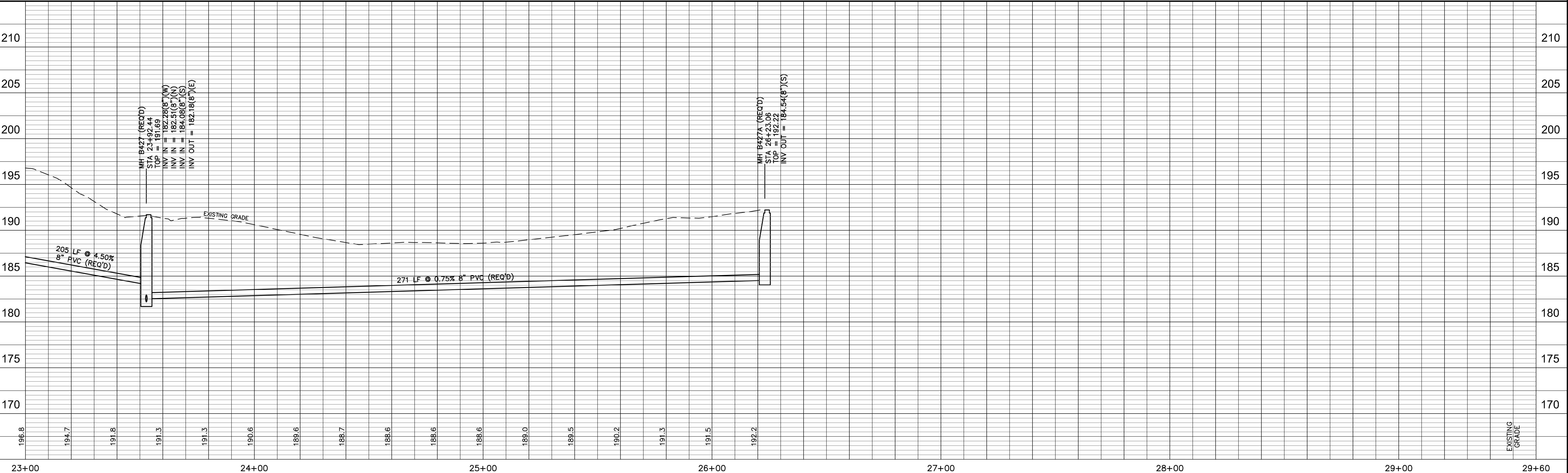
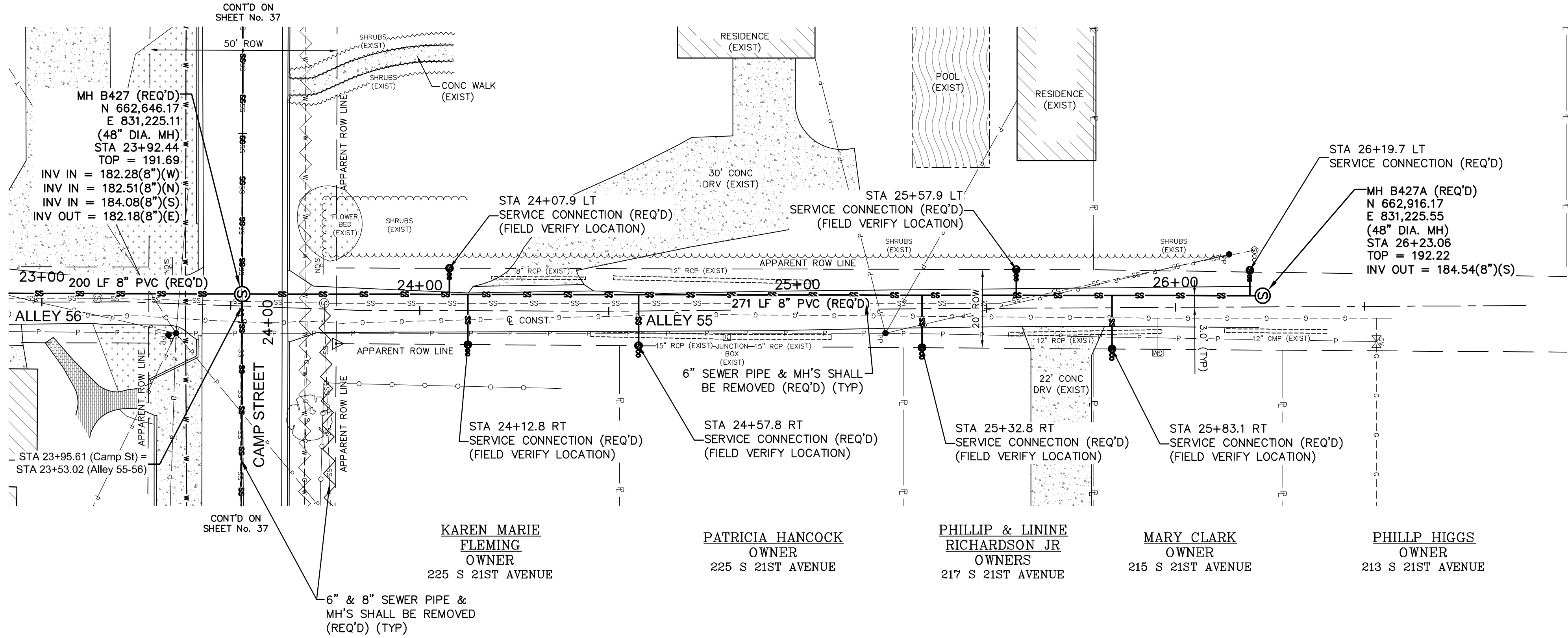
COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI



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

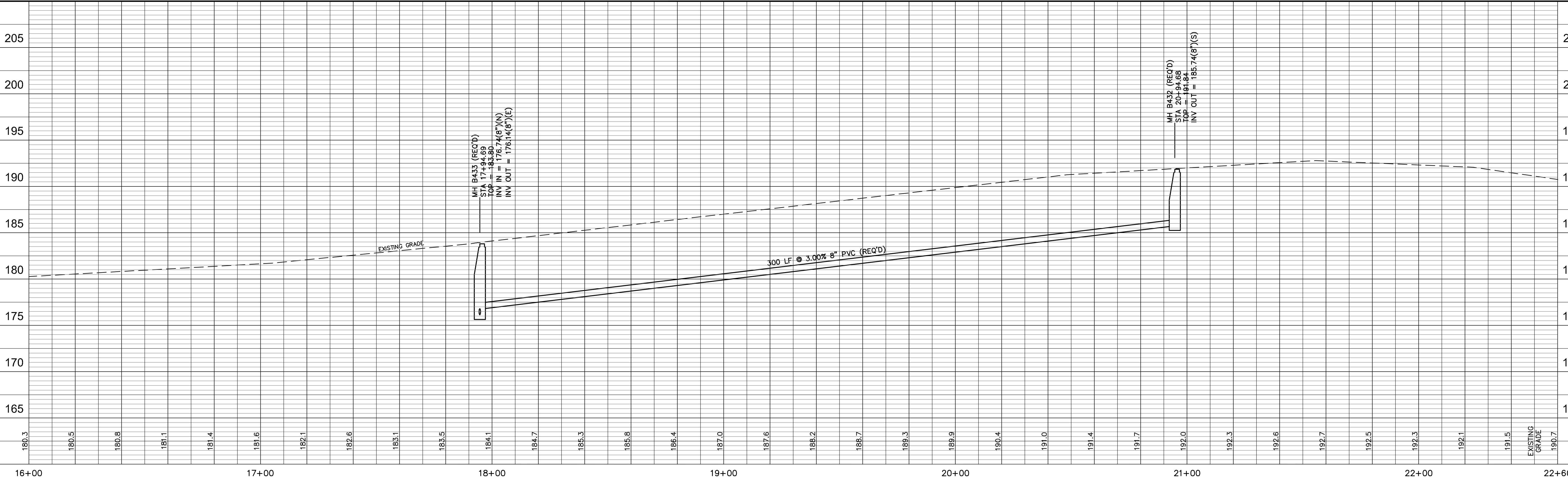
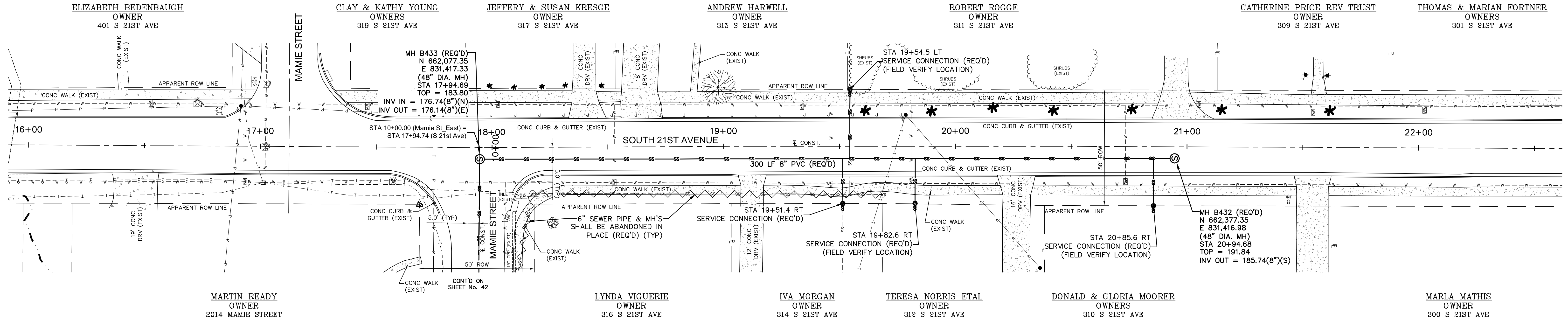
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DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V

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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



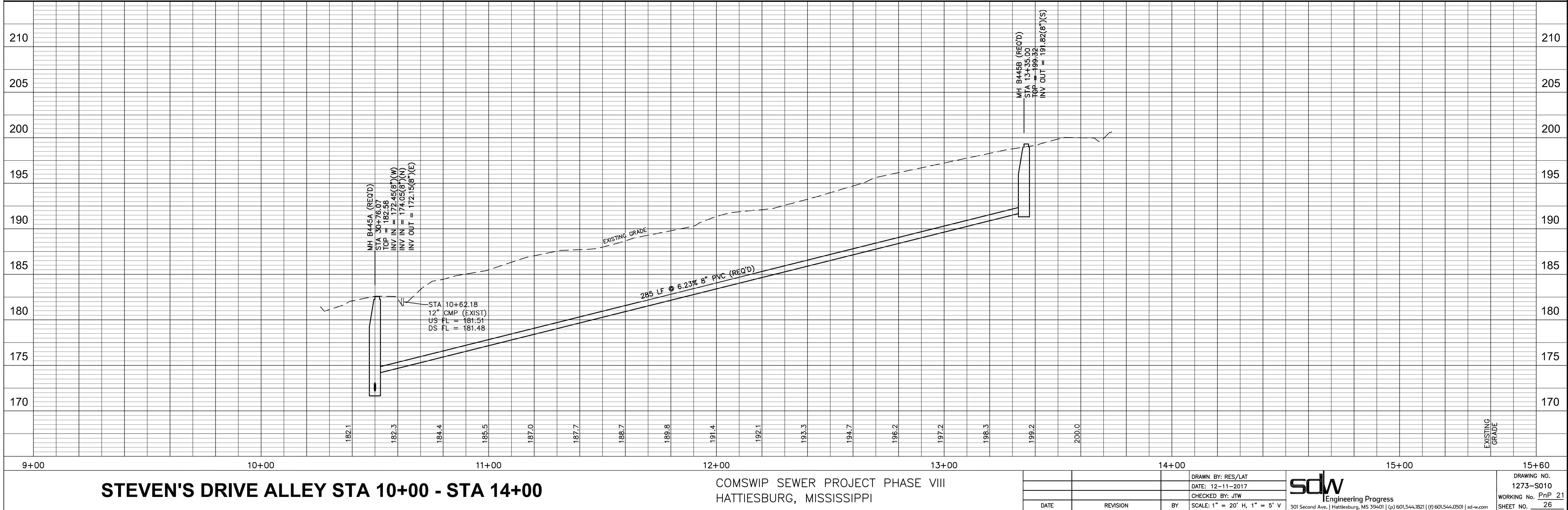
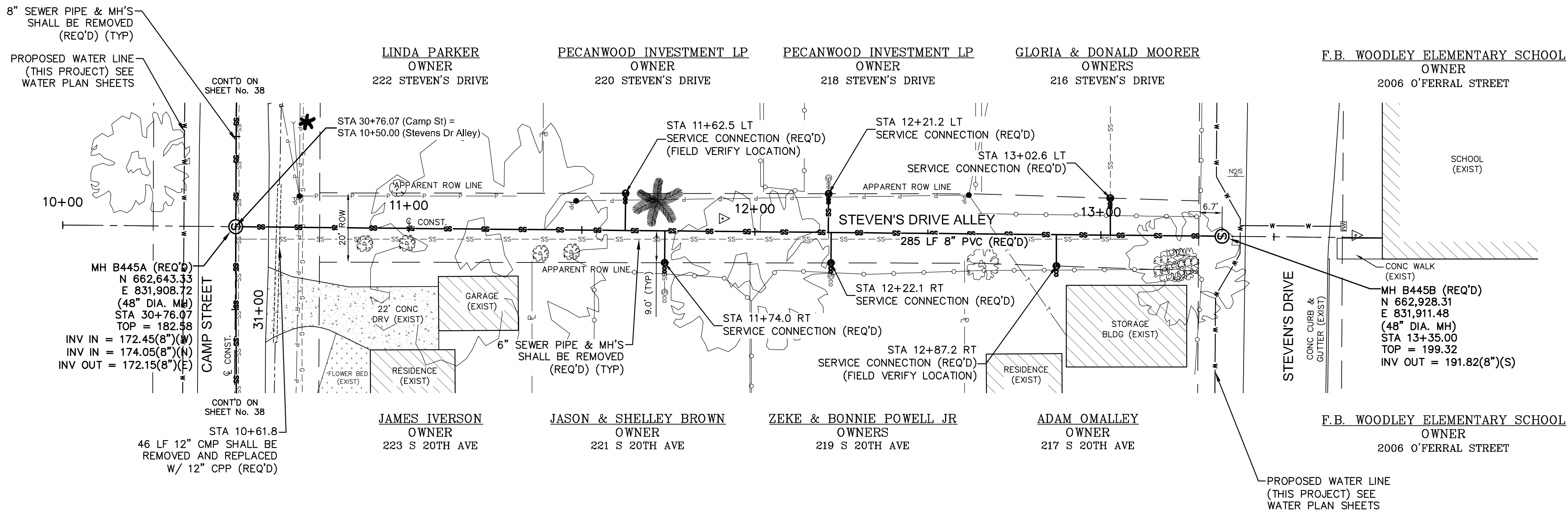
SOUTH 21ST AVENUE STA 17+80 - STA 21+00

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

DATE	REVISION	BY	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 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

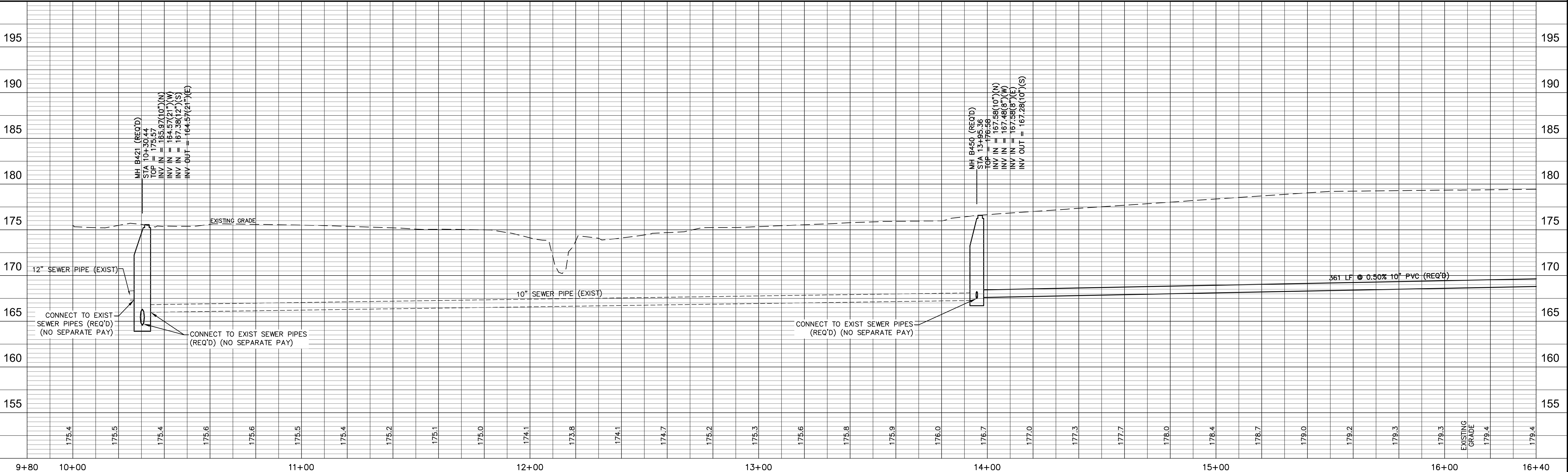
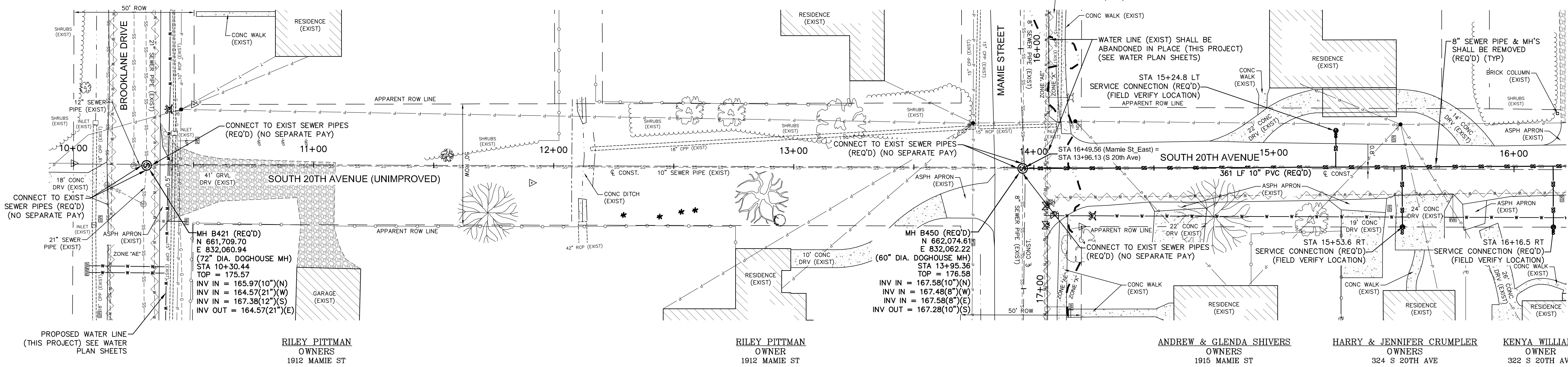
CONTROL MONUMENT -19-
1/2" ROUND IRON PIN AT PROPERTY CORNER
N 662,299.12
E 832,086.41
24.5 FT RT STA 14+19.96

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



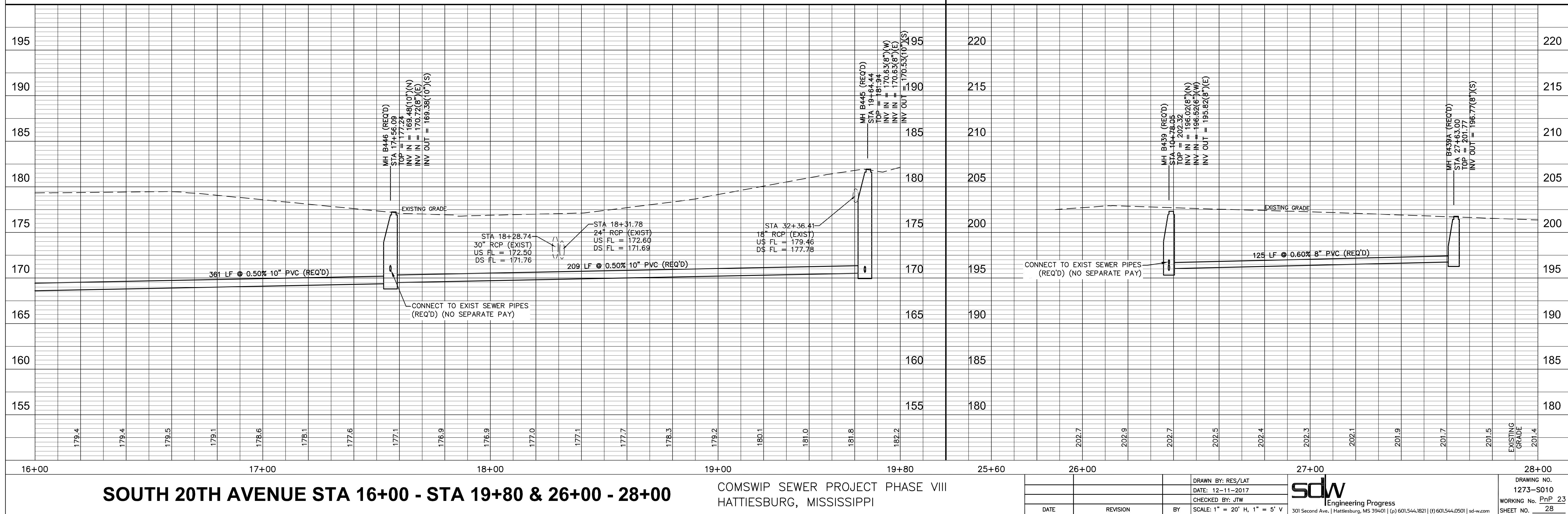
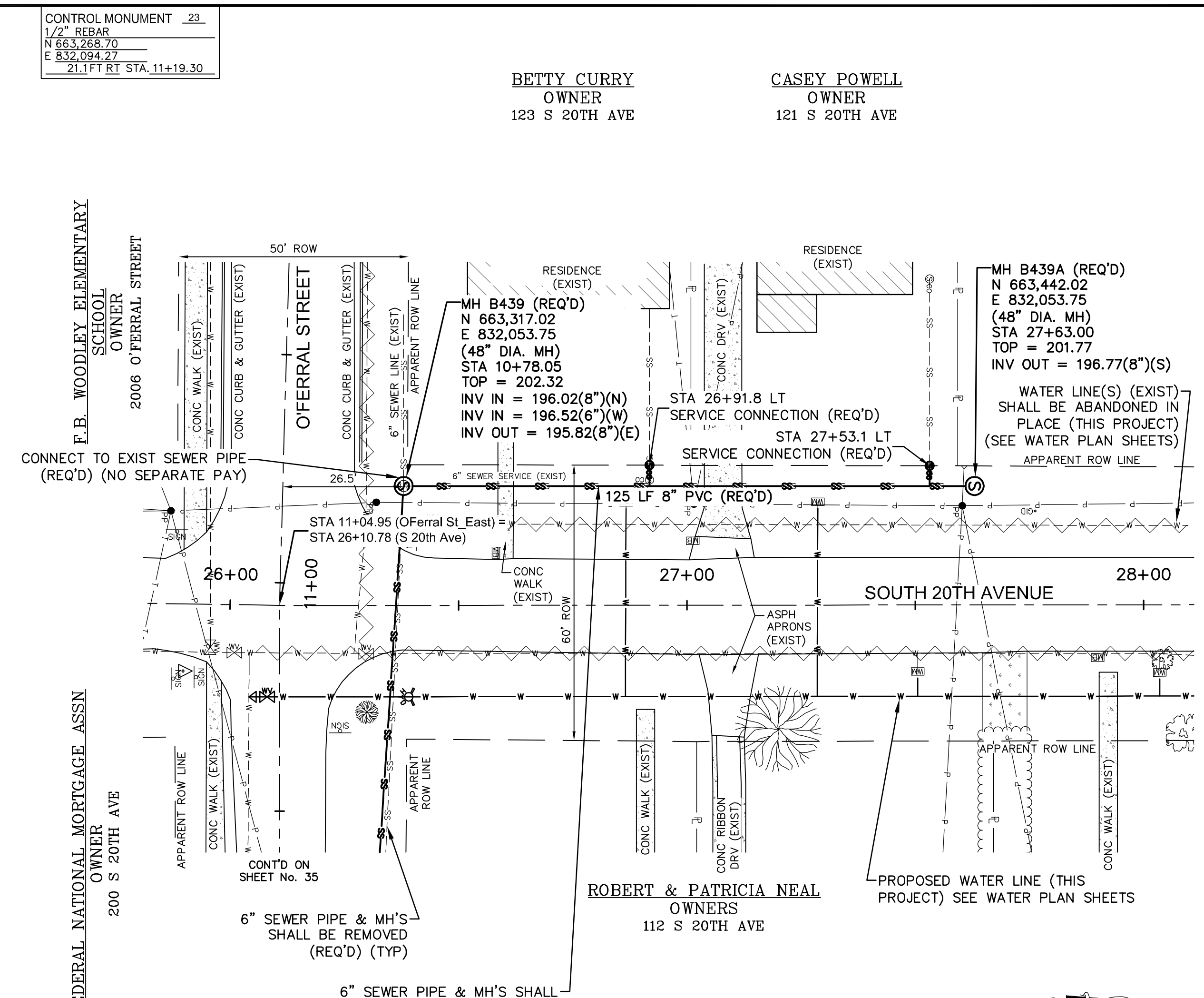
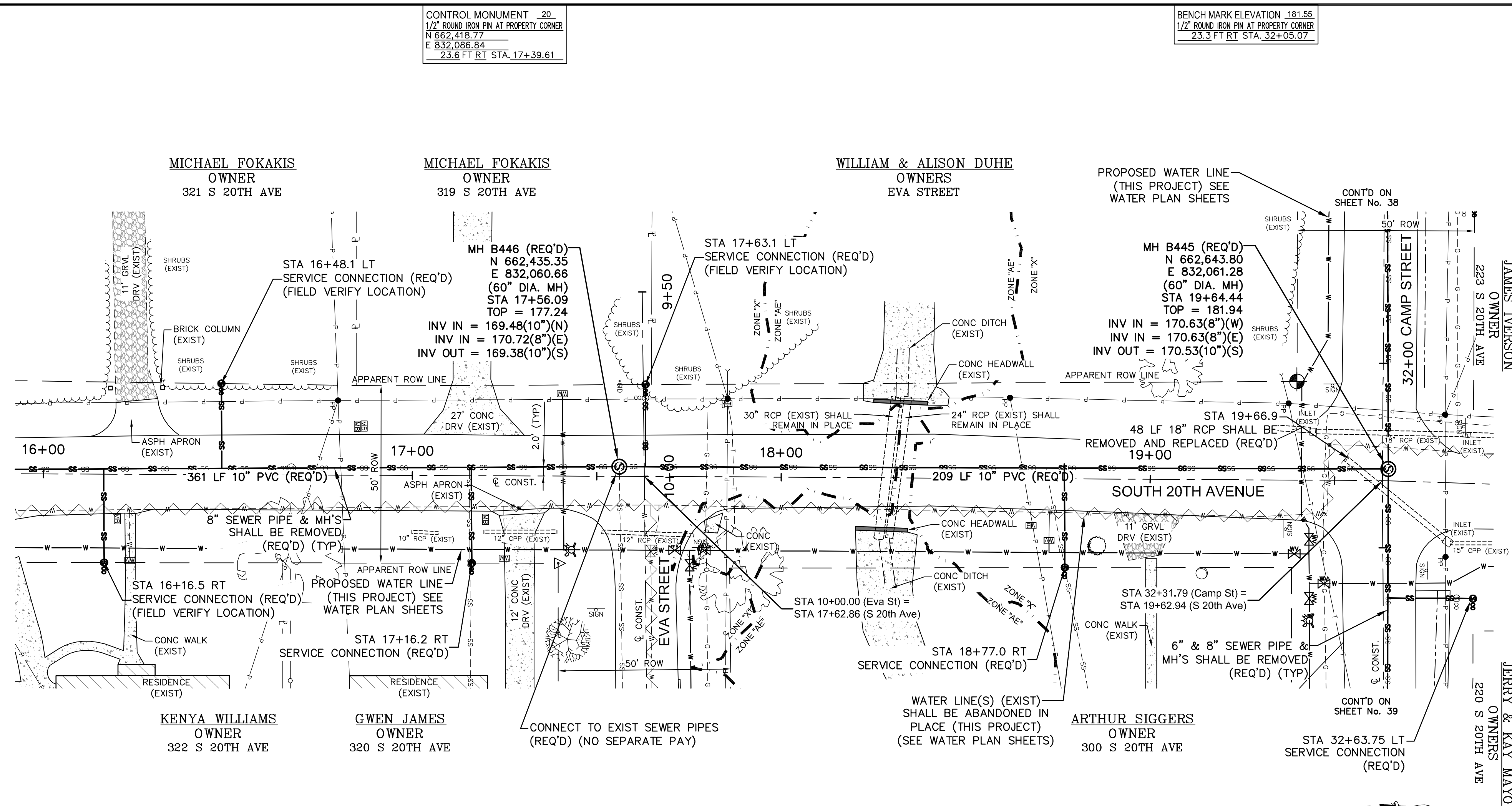
SOUTH 20TH AVENUE STA 10+00 - STA 16+40

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

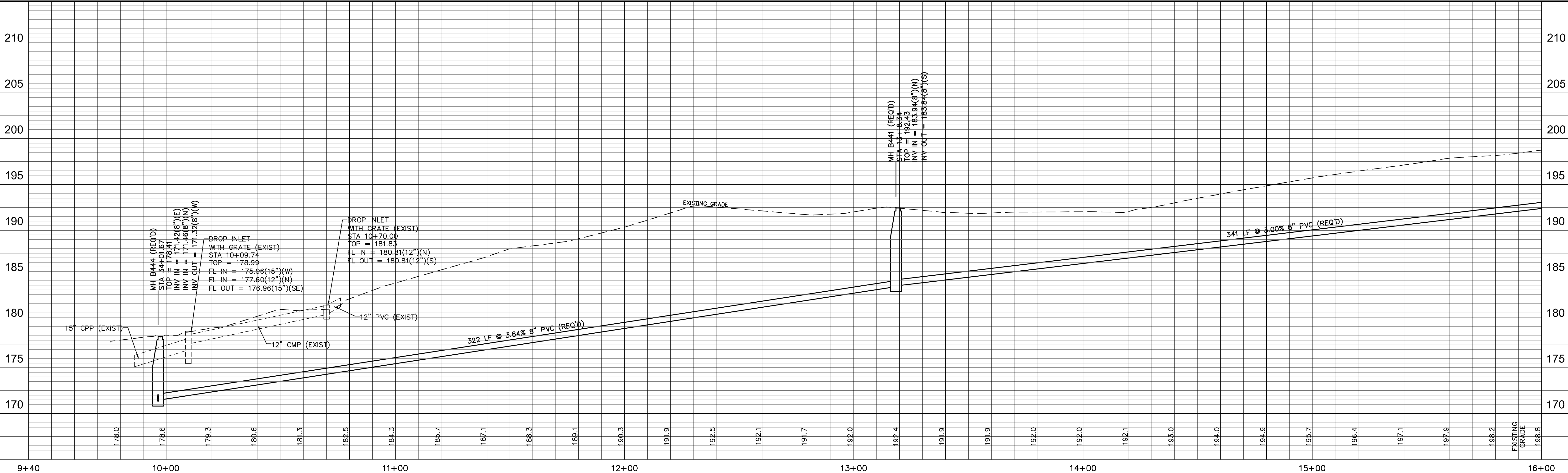
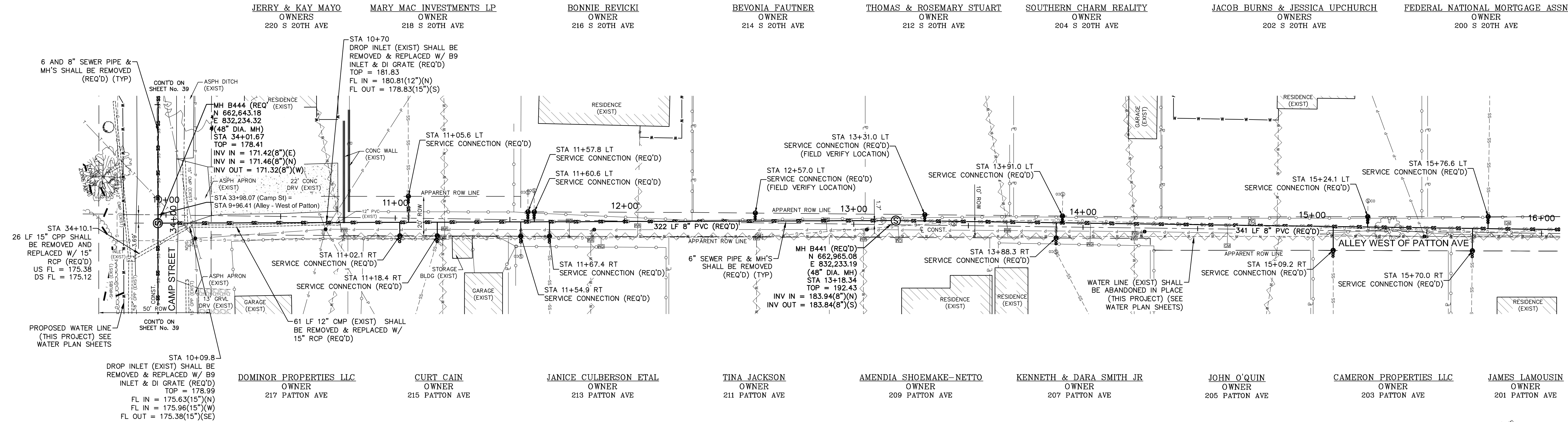
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DATE	REVISION	BY					

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DRAWING NO.
1273-S010
WORKING No. P1P 22
SHEET NO. 27



CONTROL MONUMENT .31
1/2" REBAR AT PROPERTY CORNER
N 662,821.15
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

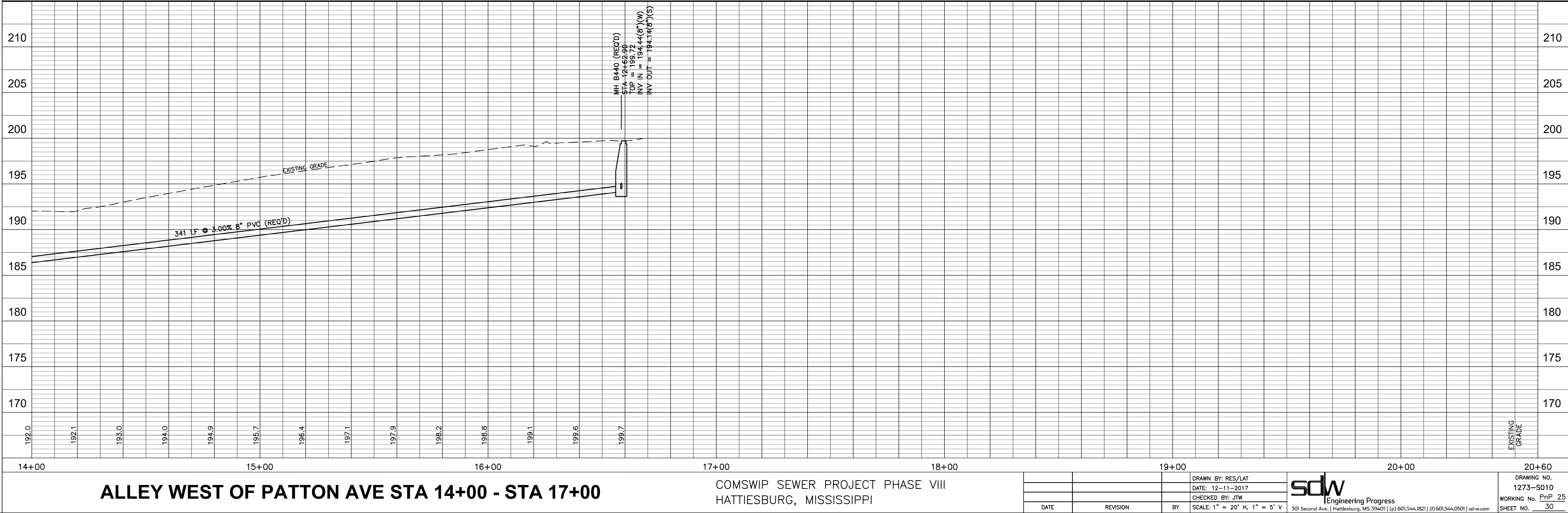
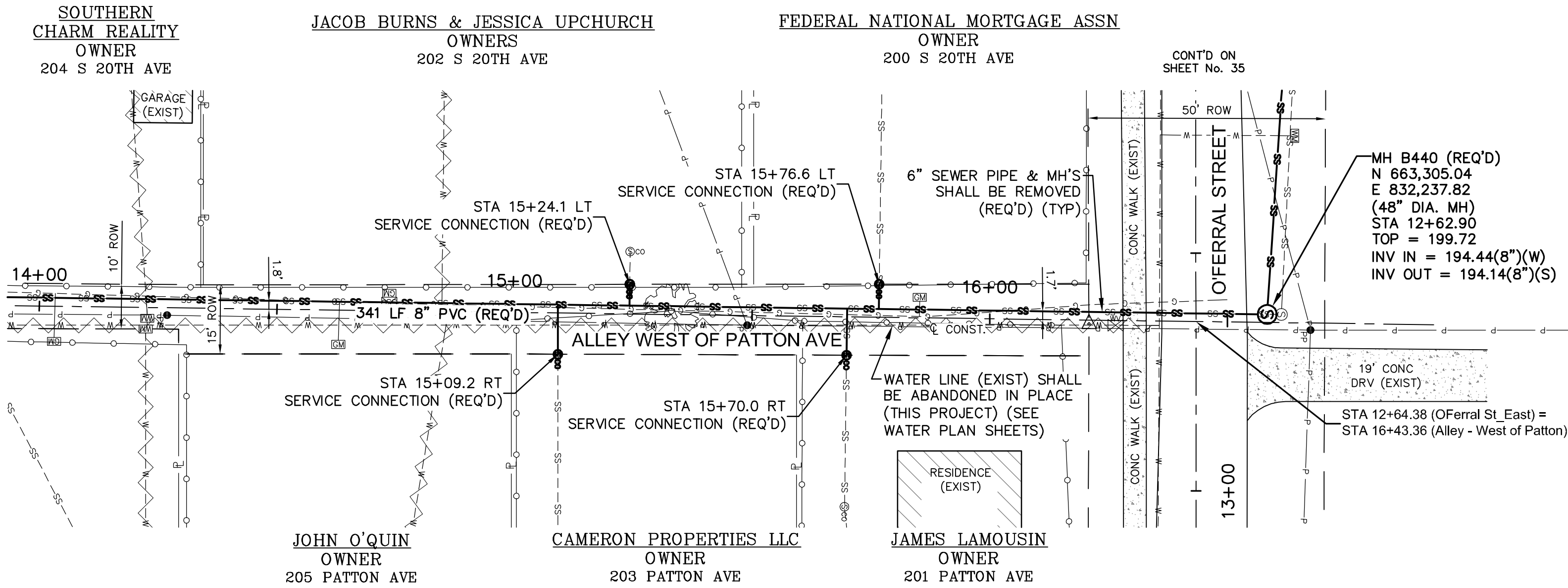
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DRAWING NO.
1273-S010
WORKING No. PnP 24
SHEET NO. 29

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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

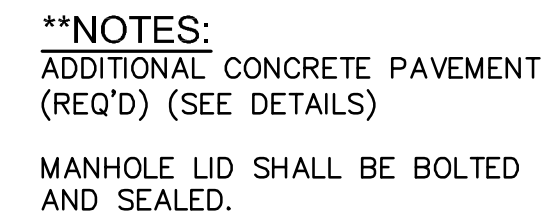


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 Engineering Progress 301 Second Ave., Hattiesburg, MS 39401 (601) 544-1821 (601) 544-0501 sdw.com	DRAWING NO. 1273-S010
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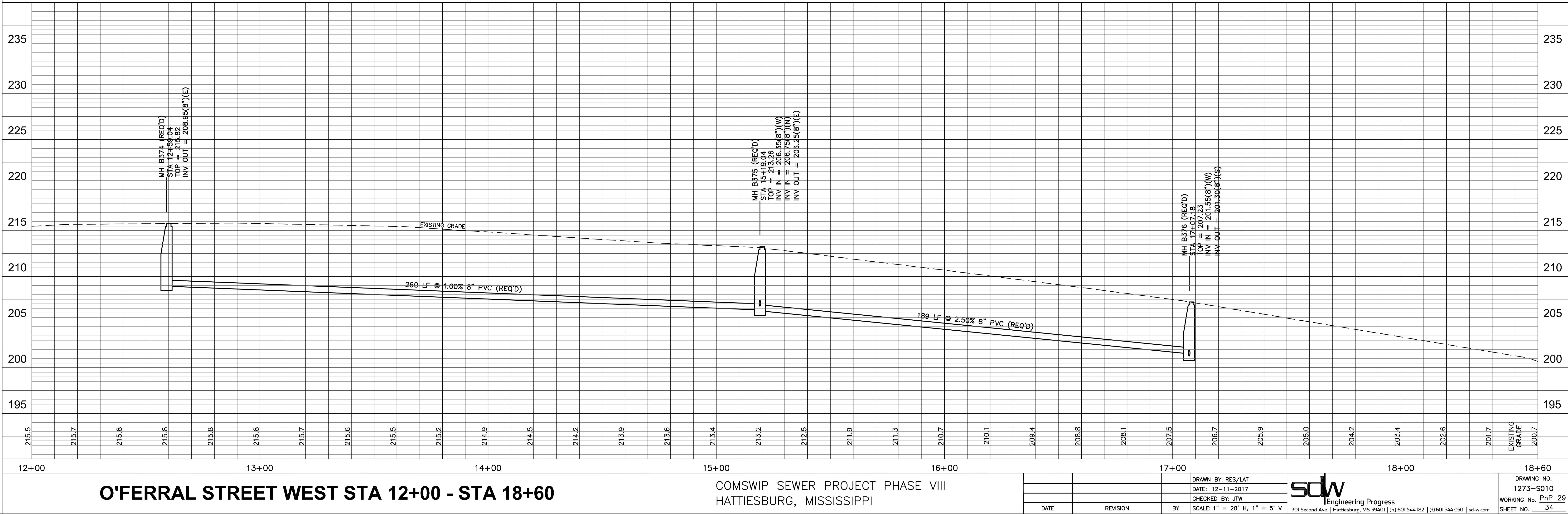
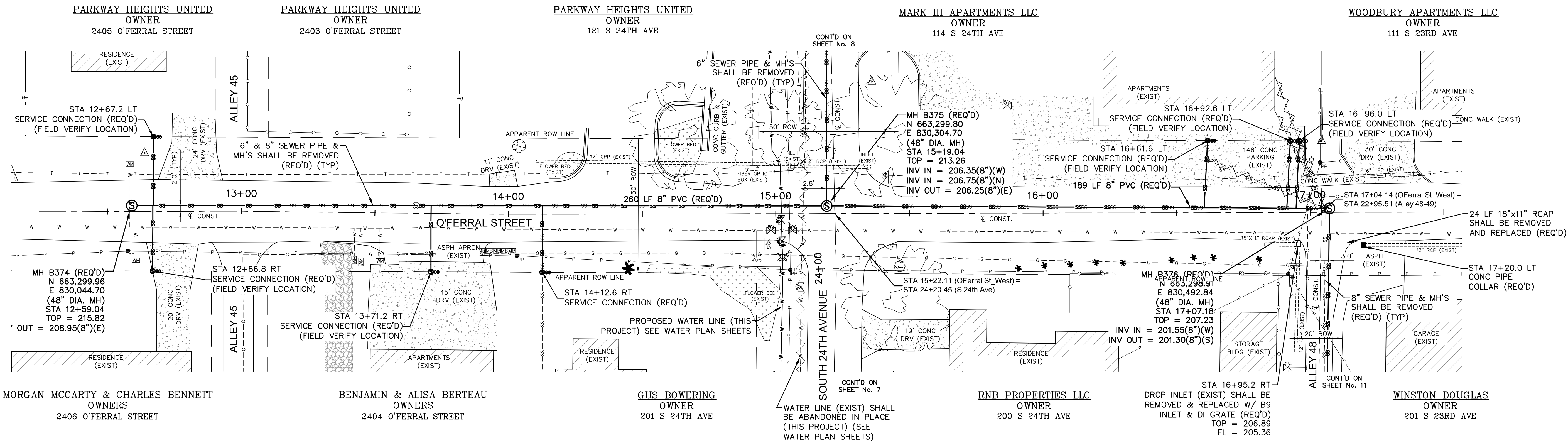




DRAWING NO.
1273-S010
WORKING No. PnP 28
SHEET NO. 33

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

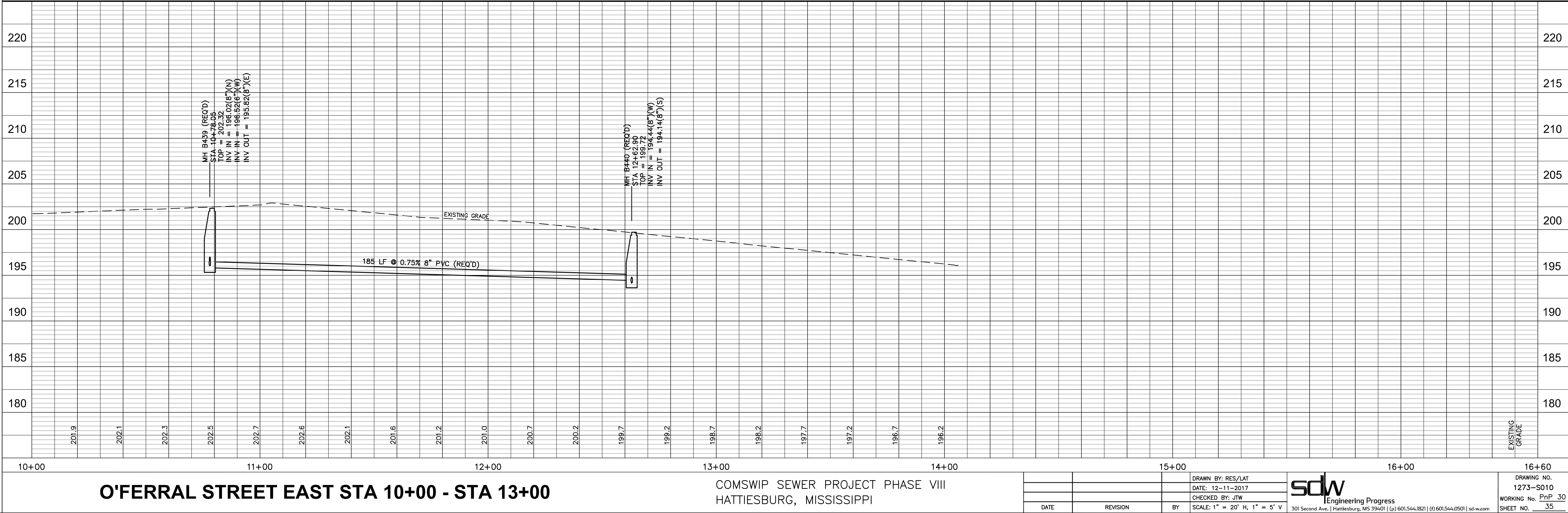
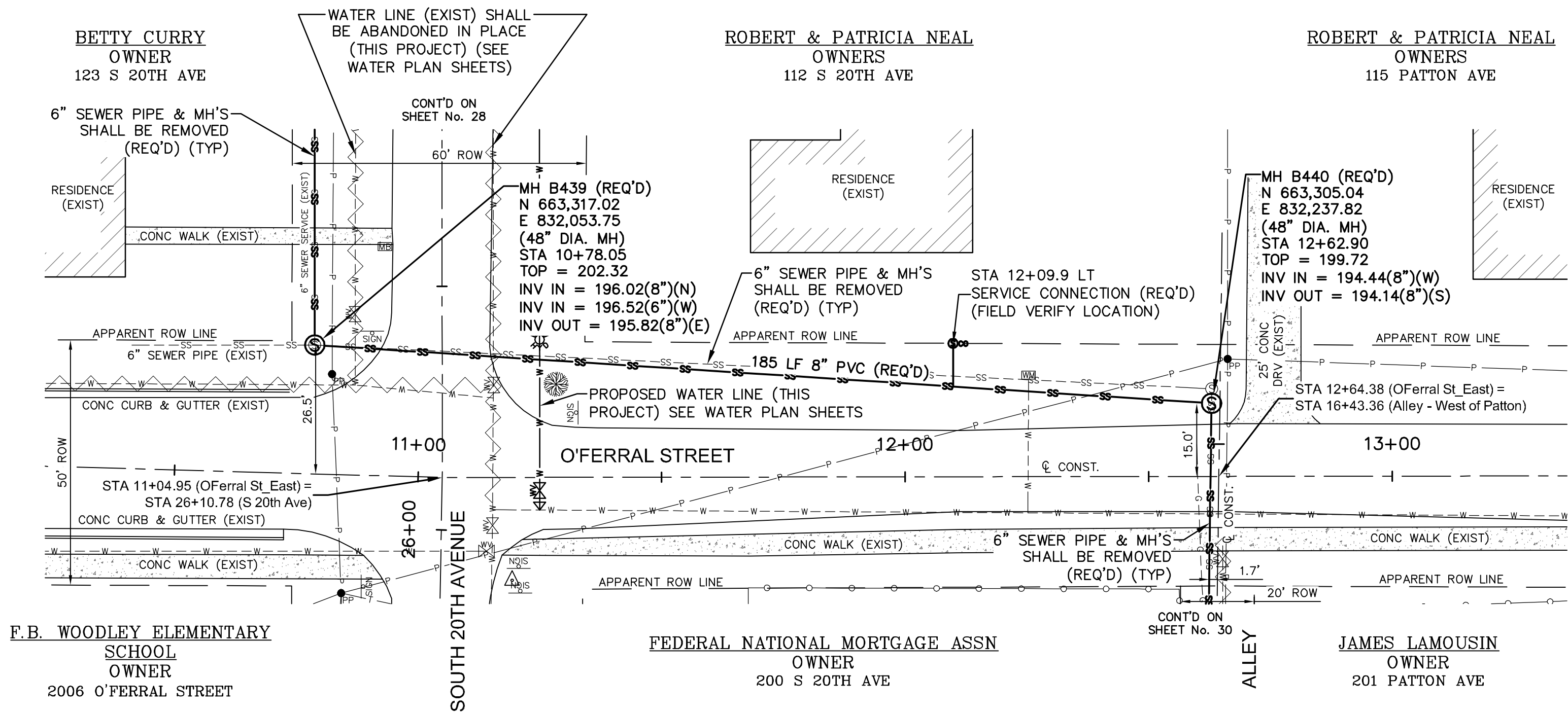
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DRAWN BY: RES/LAT
DATE: 12-11-2017
CHECKED BY: JW
DATE: 12-11-2017

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



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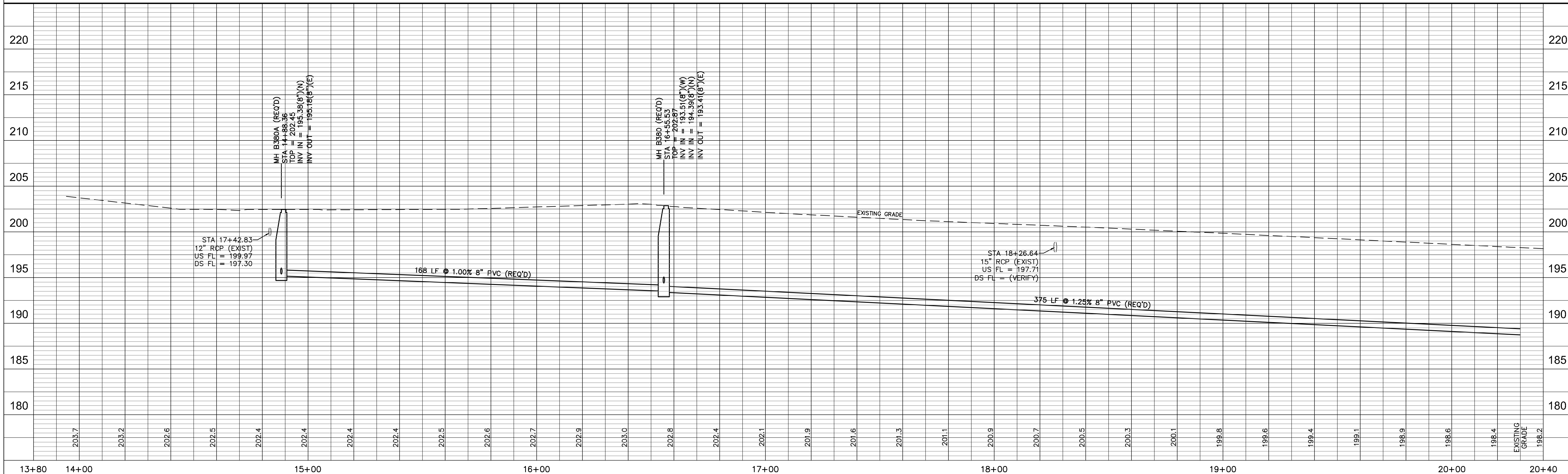
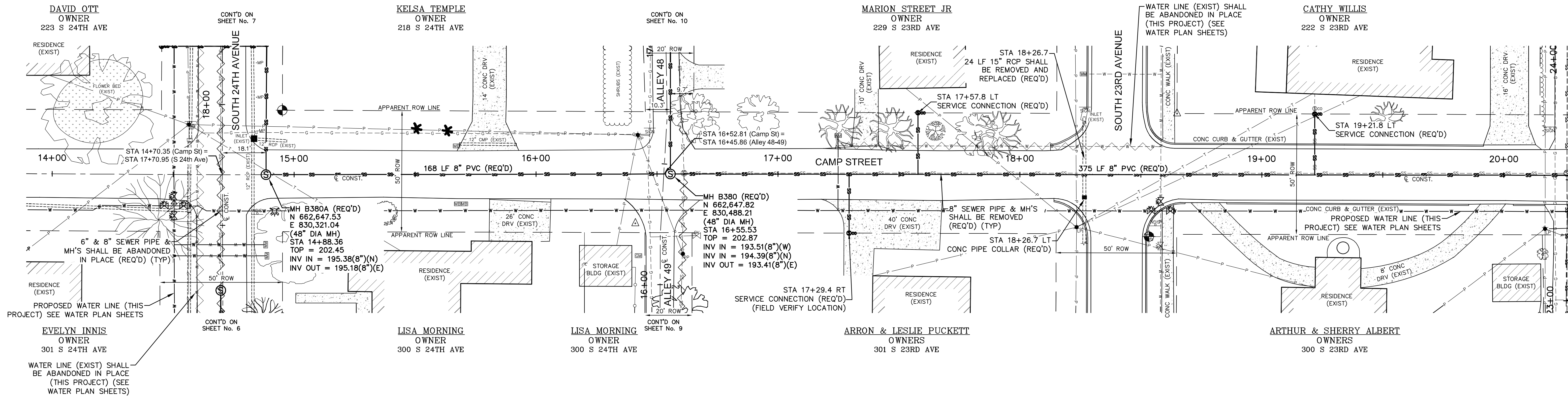
DRAWING NO.
1273-S010
WORKING No. PnP 30
SHEET NO. 35

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

DRAWN BY: RES/LAT
DATE: 12-11-2017
CHECKED BY: JTW
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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

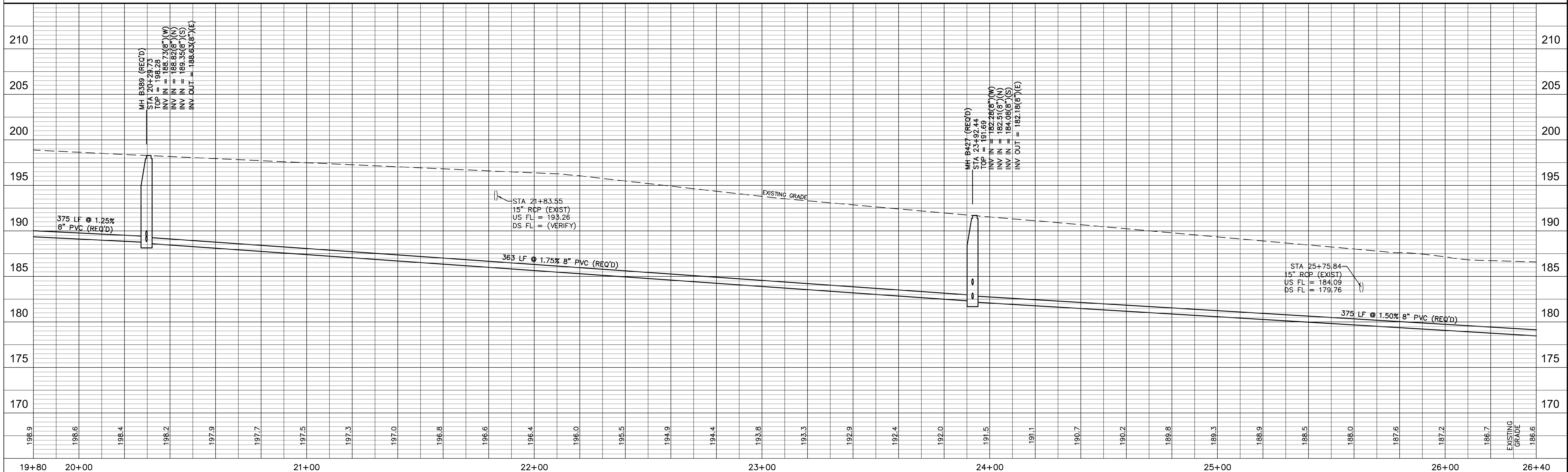
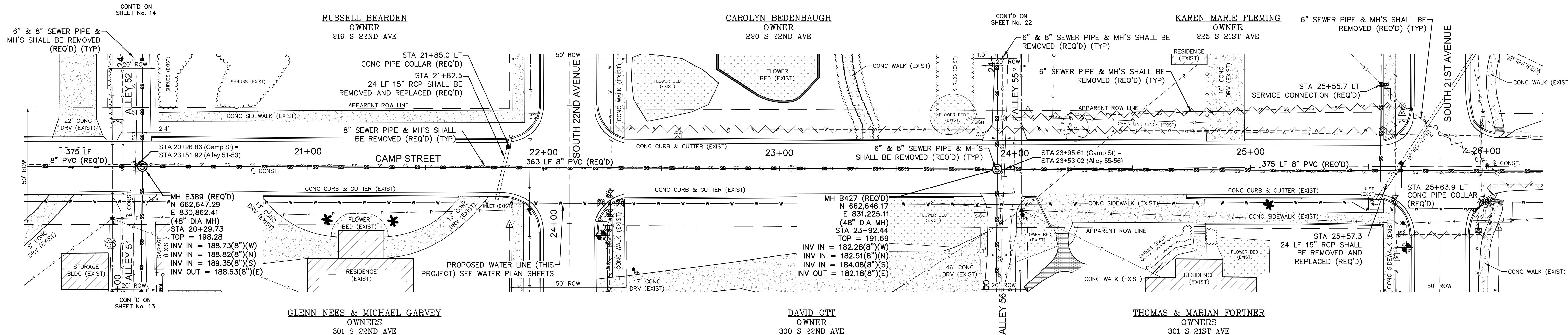
BENCH MARK ELEVATION .199.24
TOP OPERATING NUT ON FIRE HYDRANT
28.5 FT RT STA. 22+24.51

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

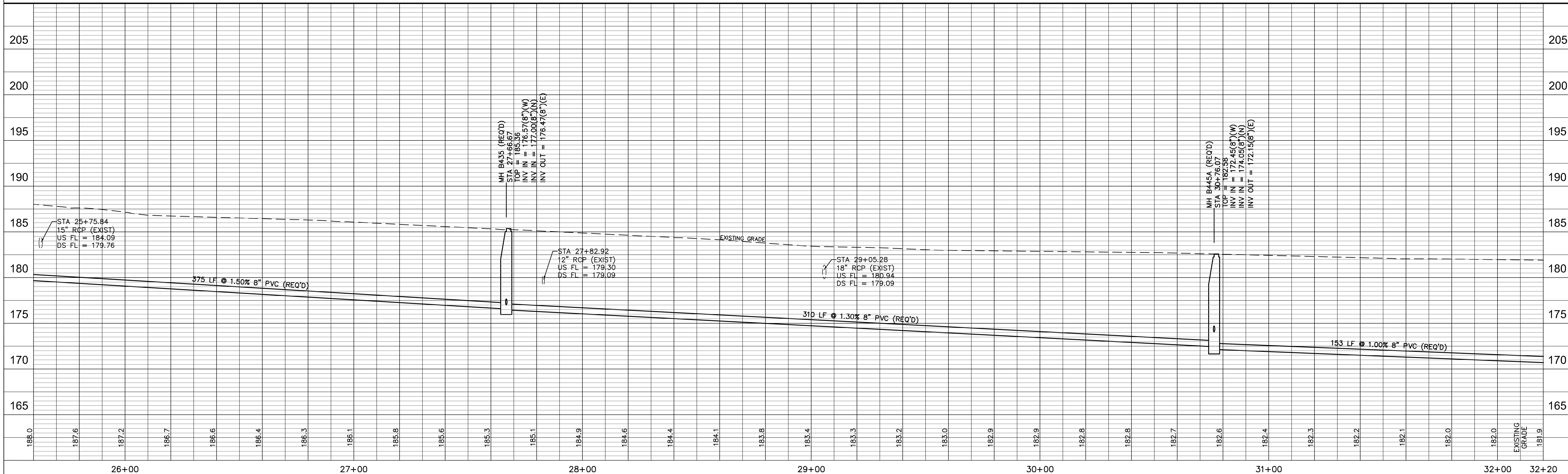
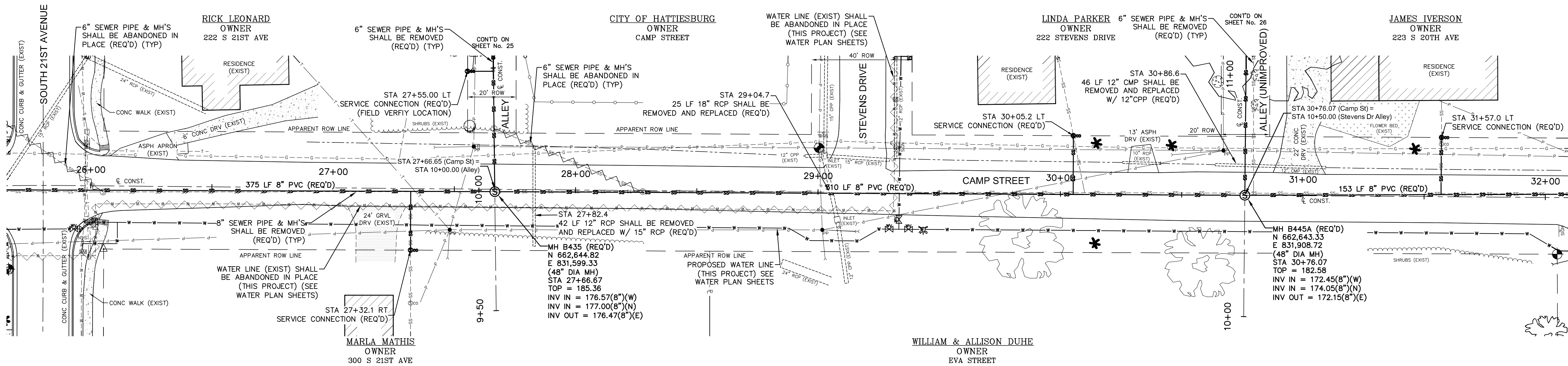
COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

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 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



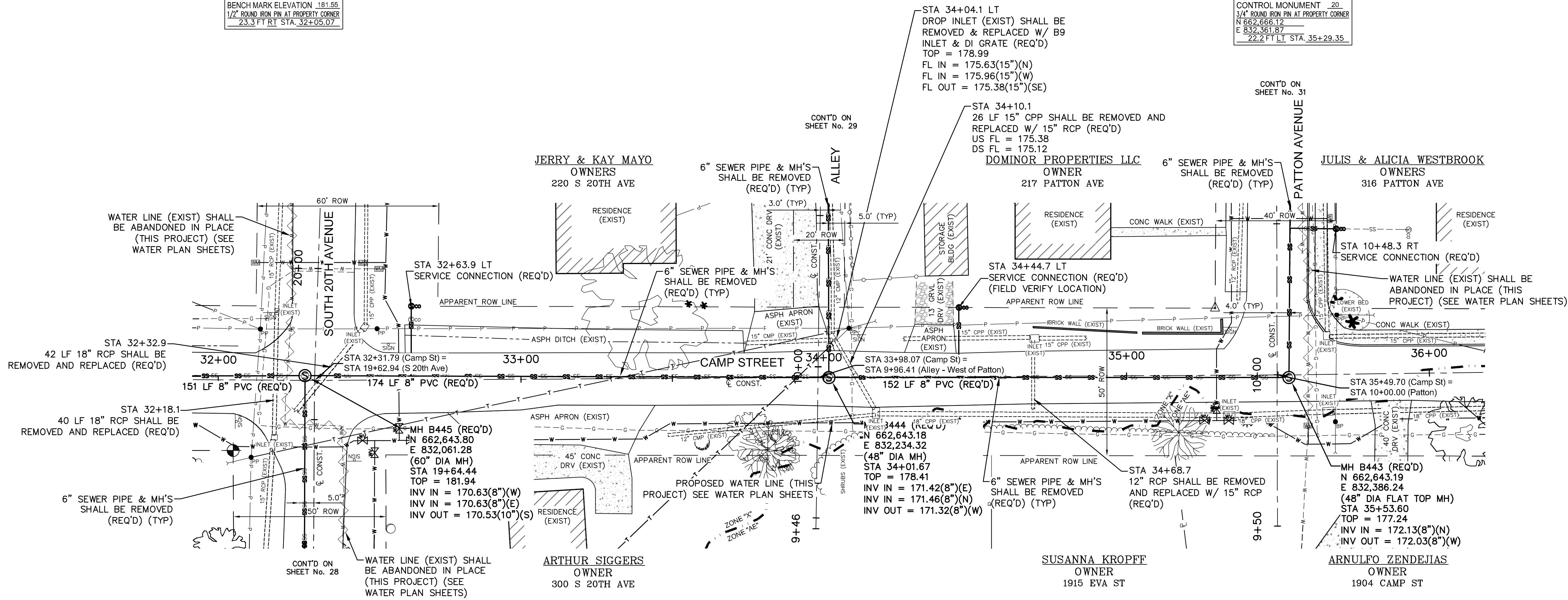
CAMP STREET STA 26+40 - STA 32+20

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

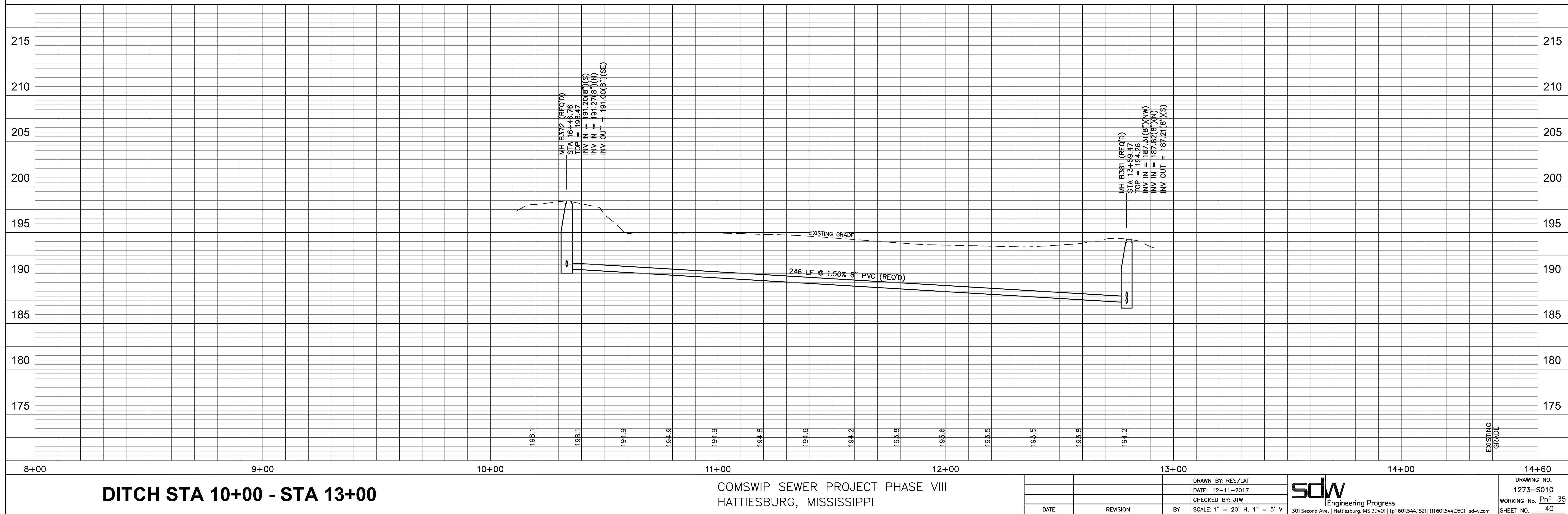
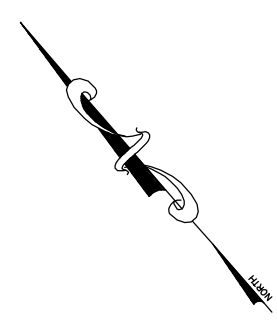
COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

DATE	REVISION	BY

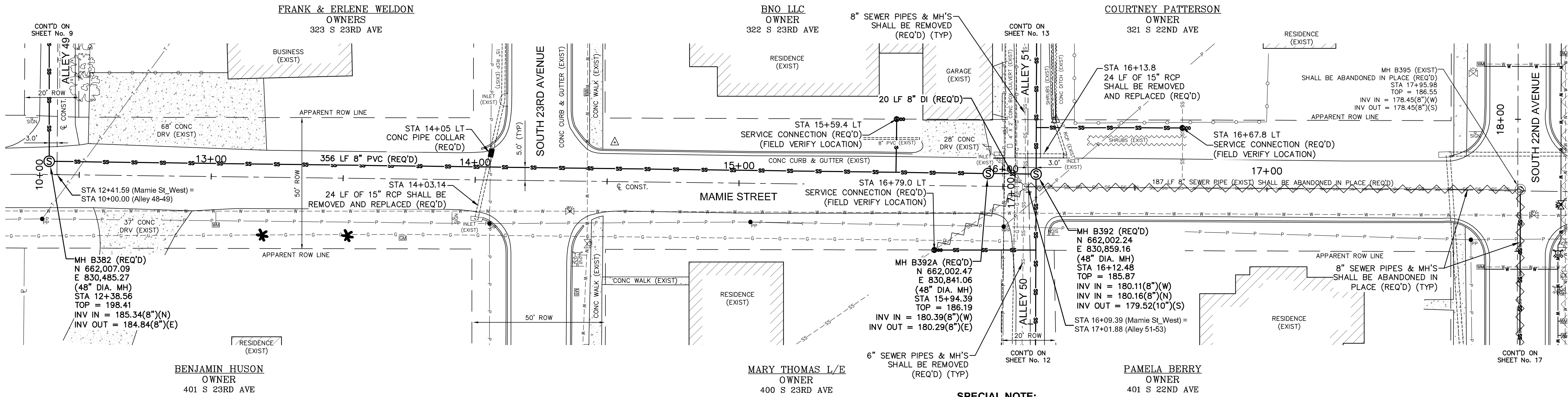
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DATE: 12-11-2017
CHECKED BY: JW
SCALE: 1" = 20' H, 1" = 5' V

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

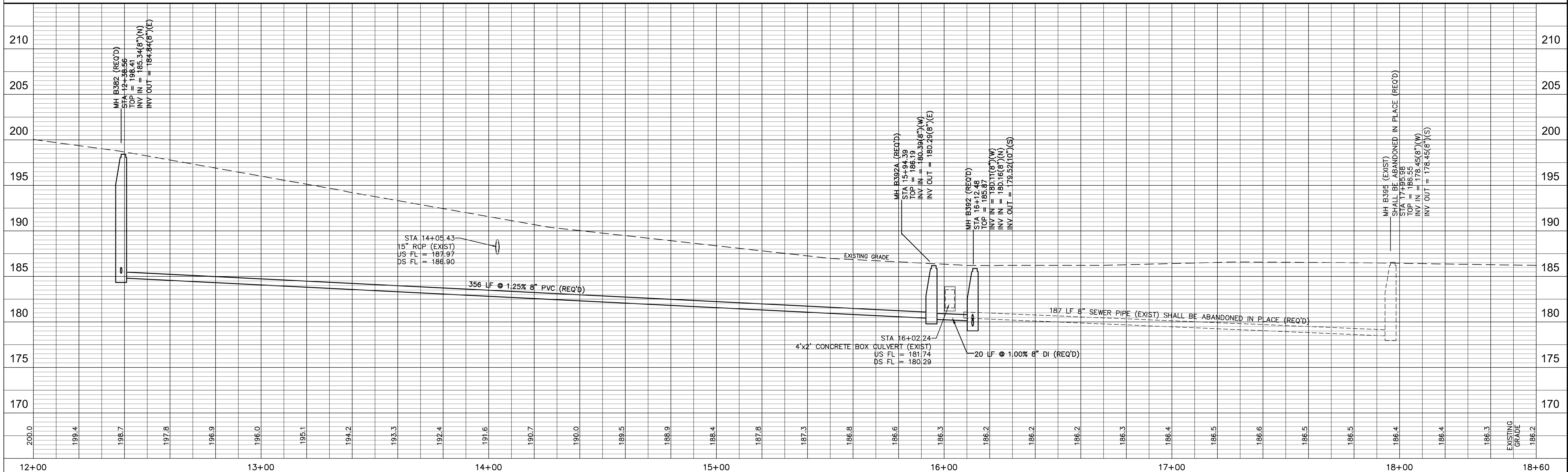
DRAWING NO.
1273-S010
WORKING No. PnP 34
SHEET NO. 39



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.

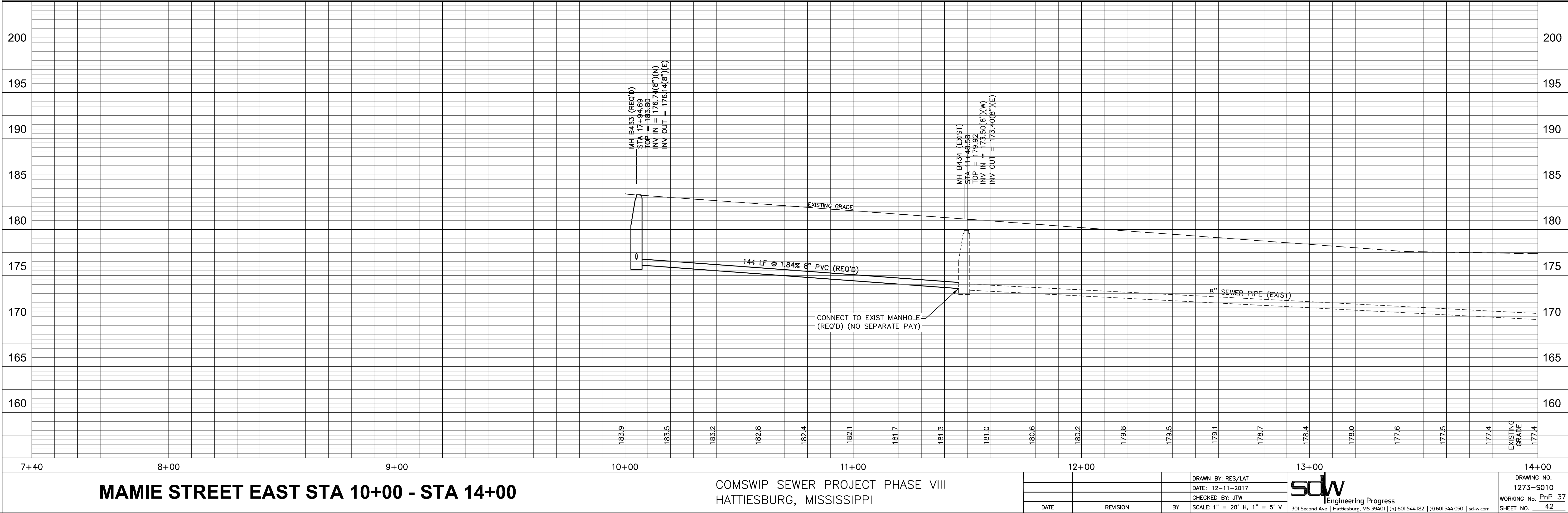
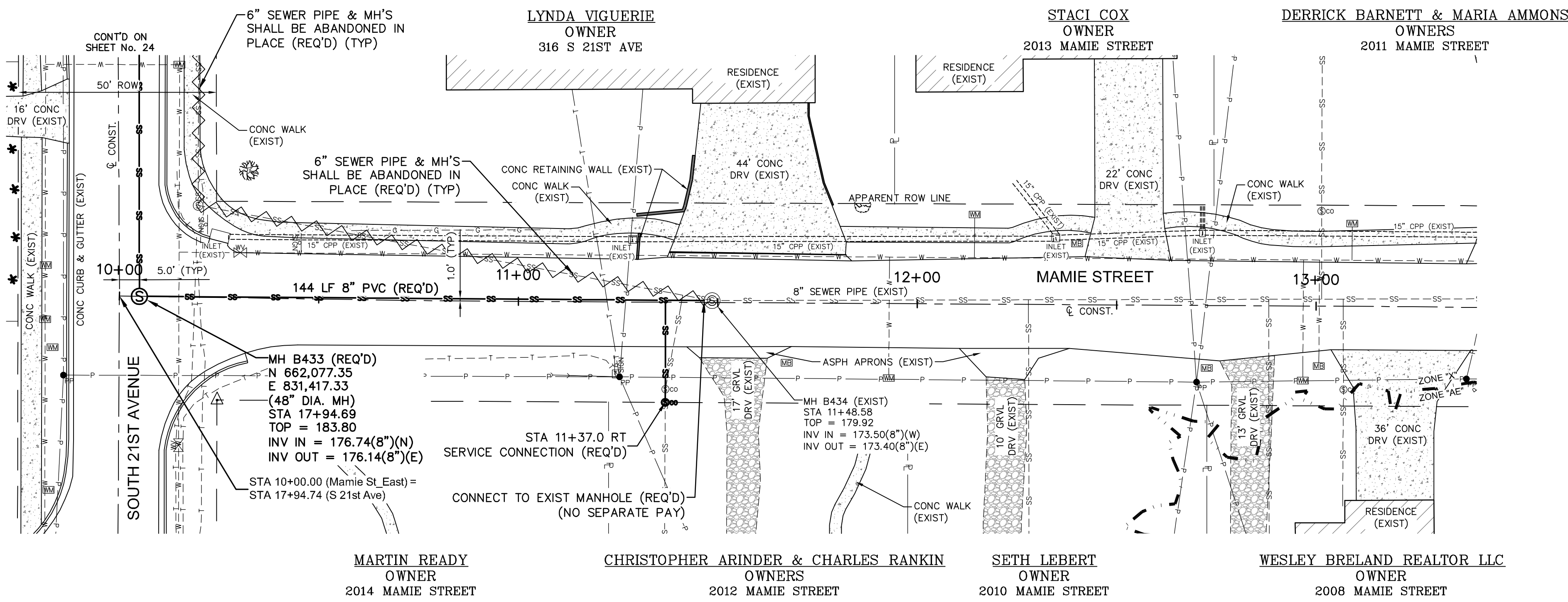


MAMIE STREET WEST STA 12+00 - STA 18+60

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

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 36 SHEET NO. 41

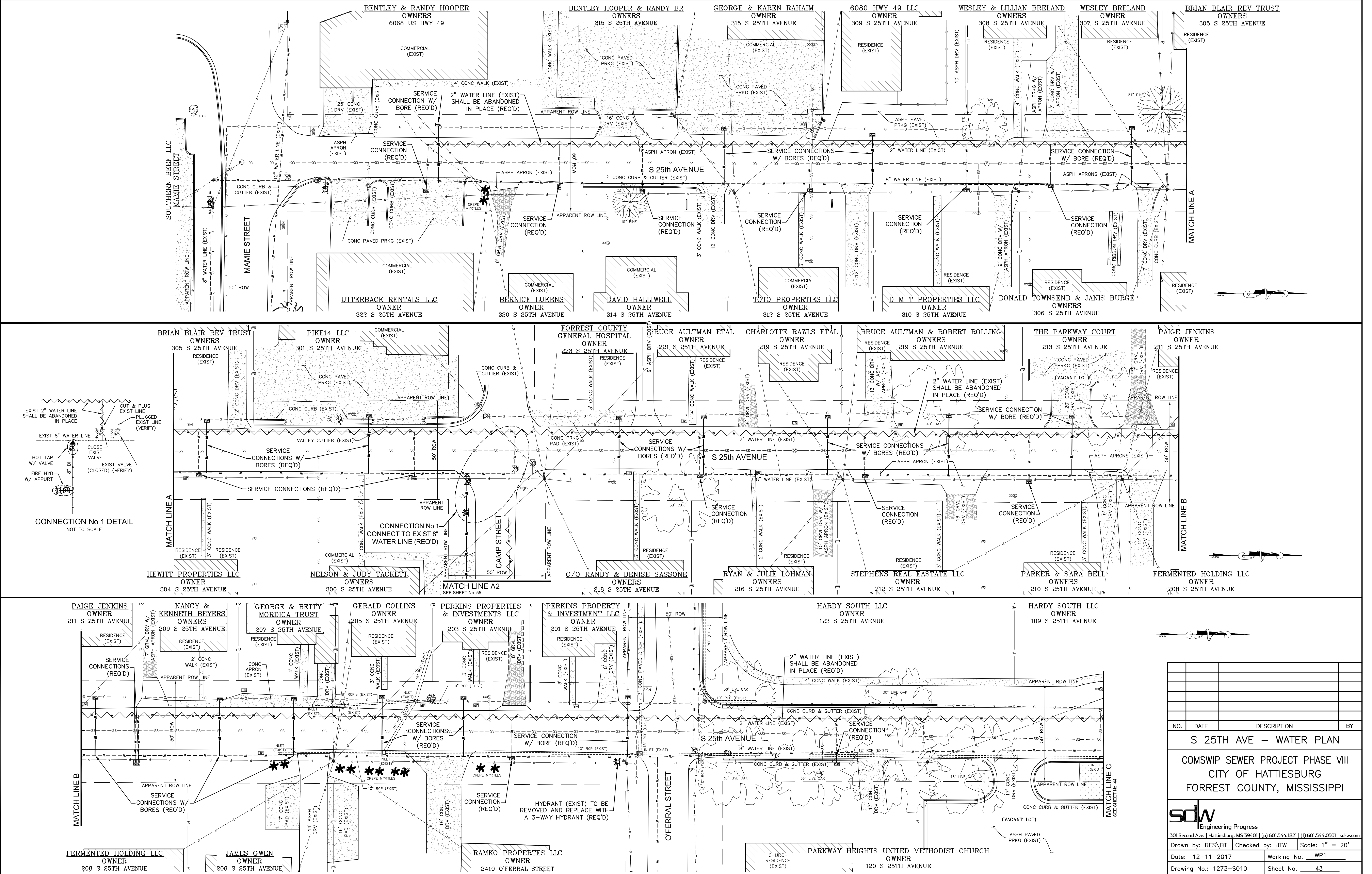
CONTROL MONUMENT .28
1/2" ROUND IRON PIN AT PROPERTY CORNER
N 662.051.36
E 831.436.77
25.7 FT RT STA. 10+24.83



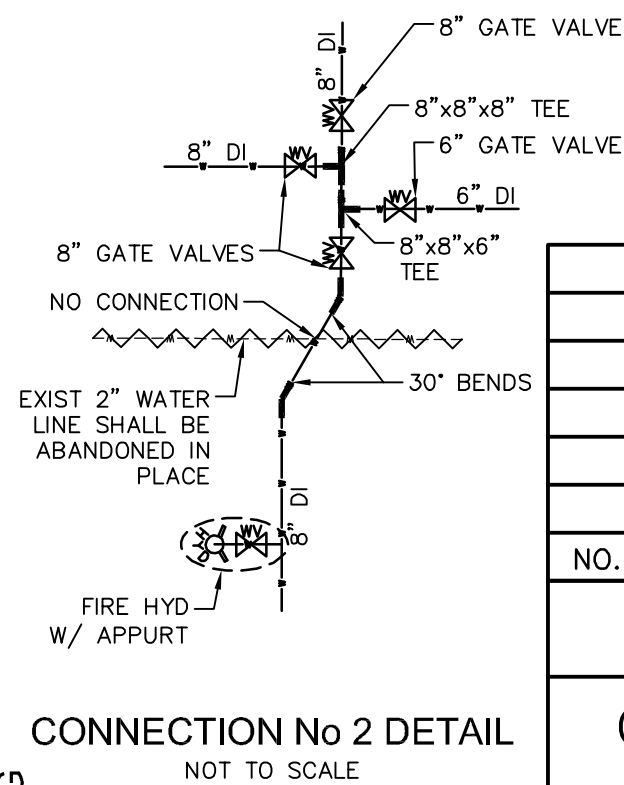
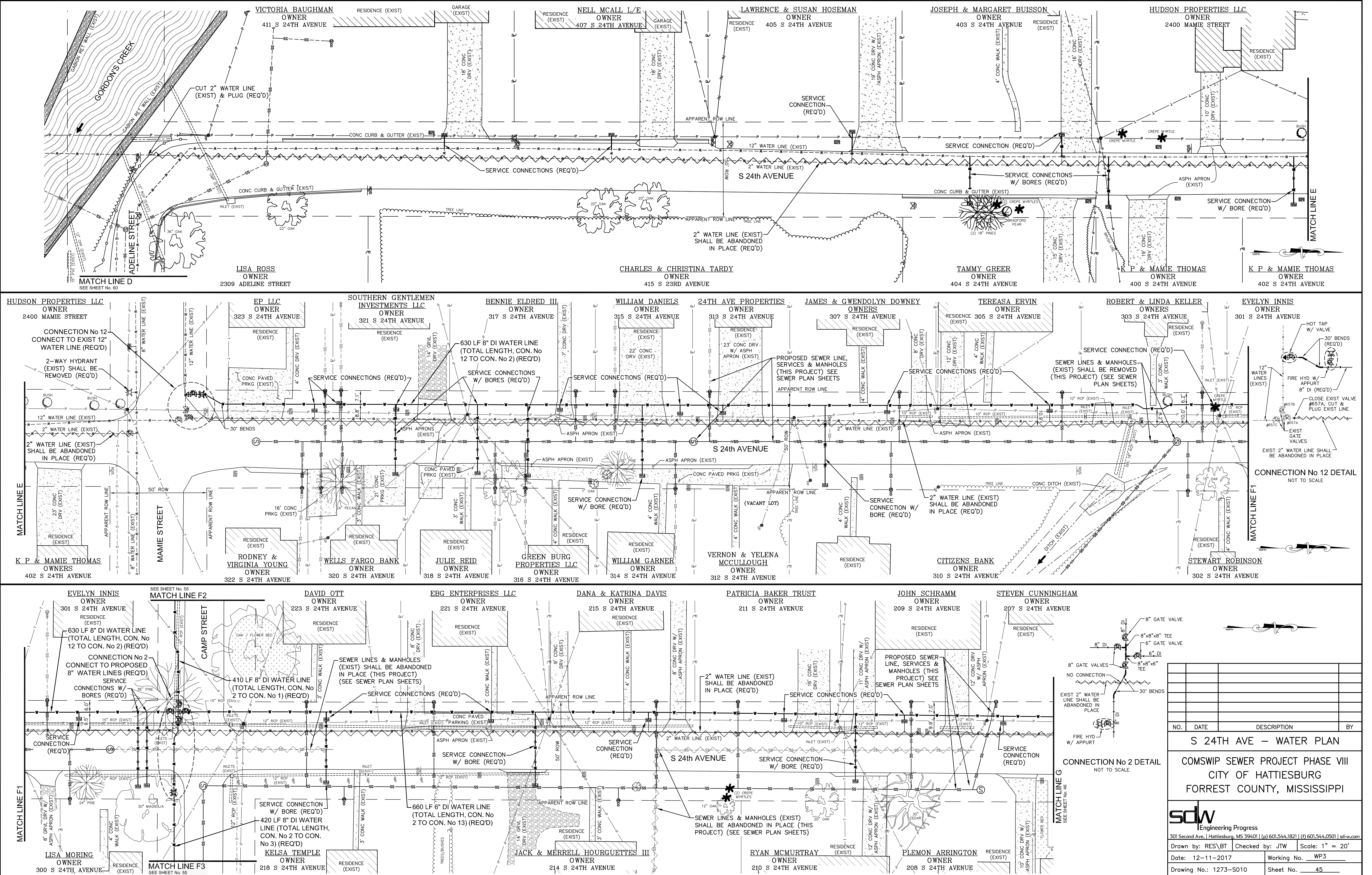
MAMIE STREET EAST STA 10+00 - STA 14+00

COMSWIP SEWER PROJECT PHASE VIII
HATTIESBURG, MISSISSIPPI

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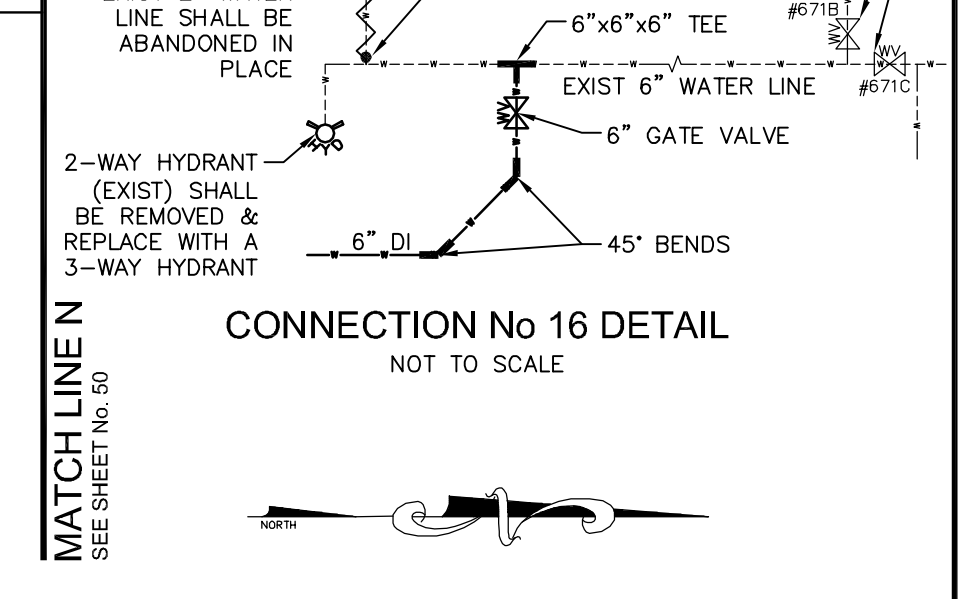
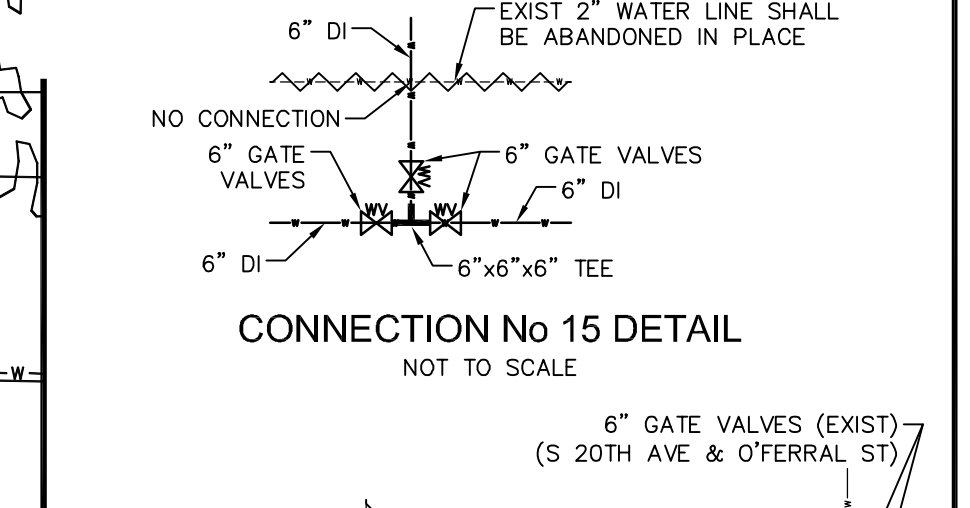
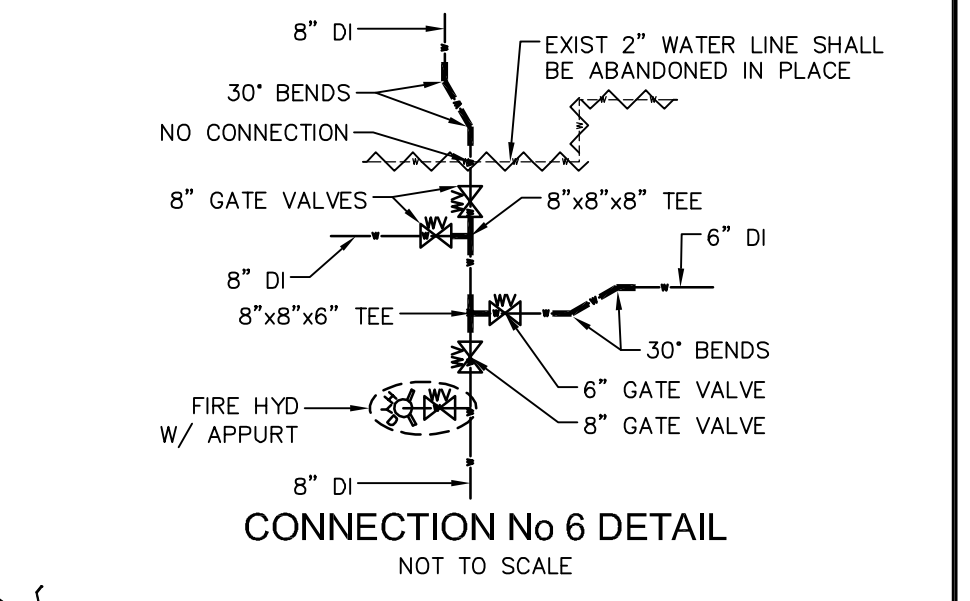
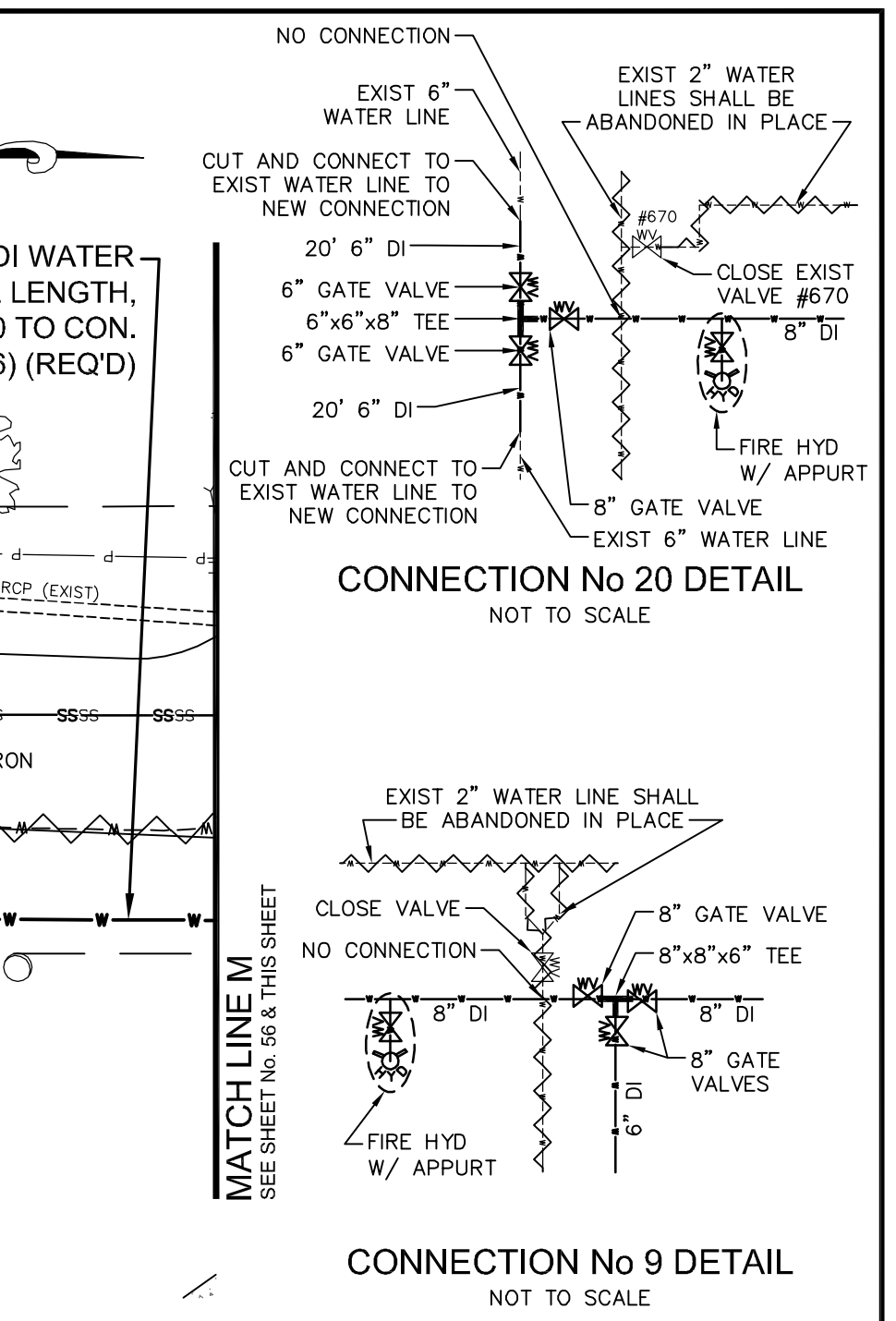
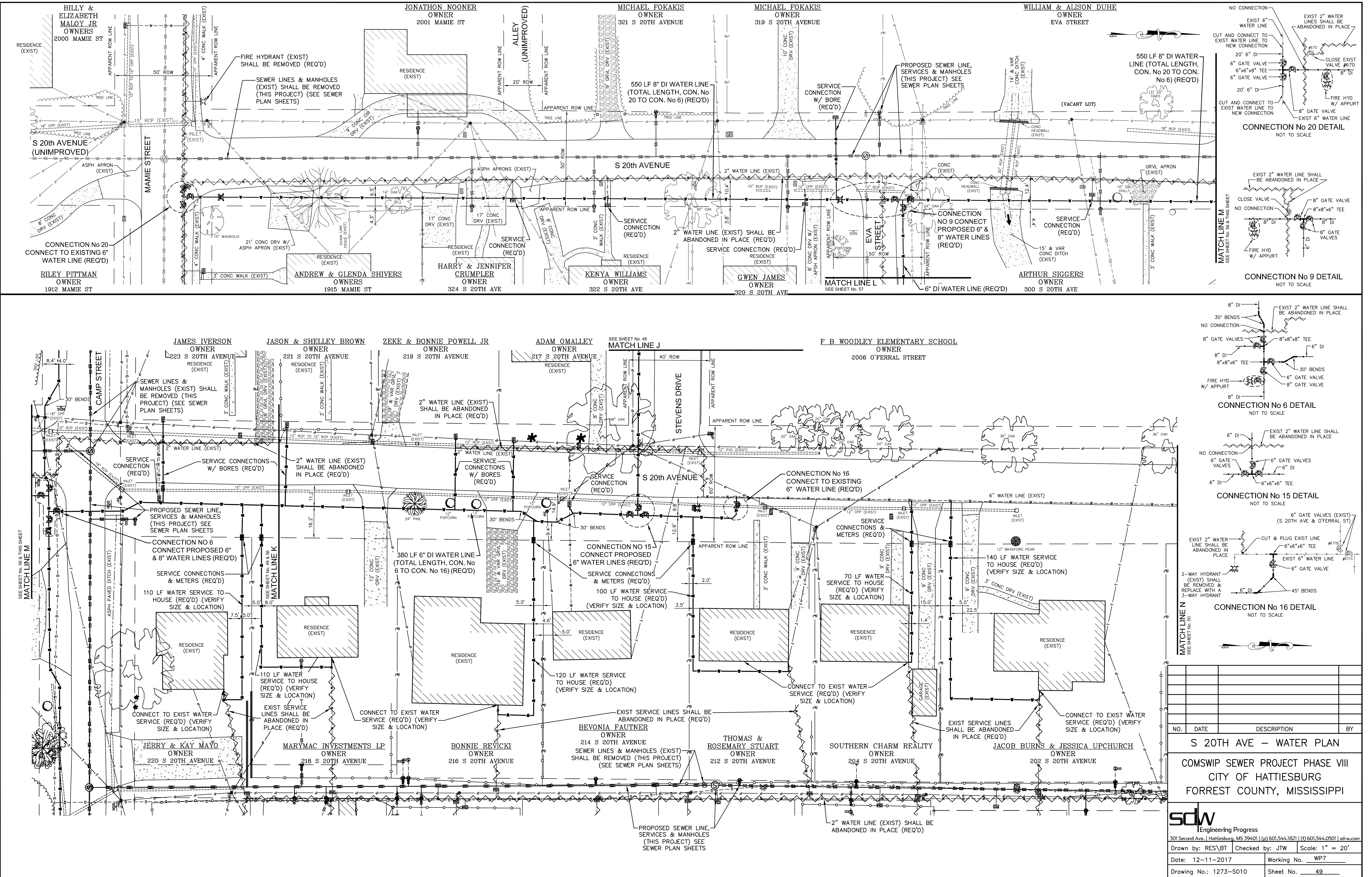


S 25TH AVE – WATER PLAN			
COMSWIP SEWER PROJECT PHASE VIII			
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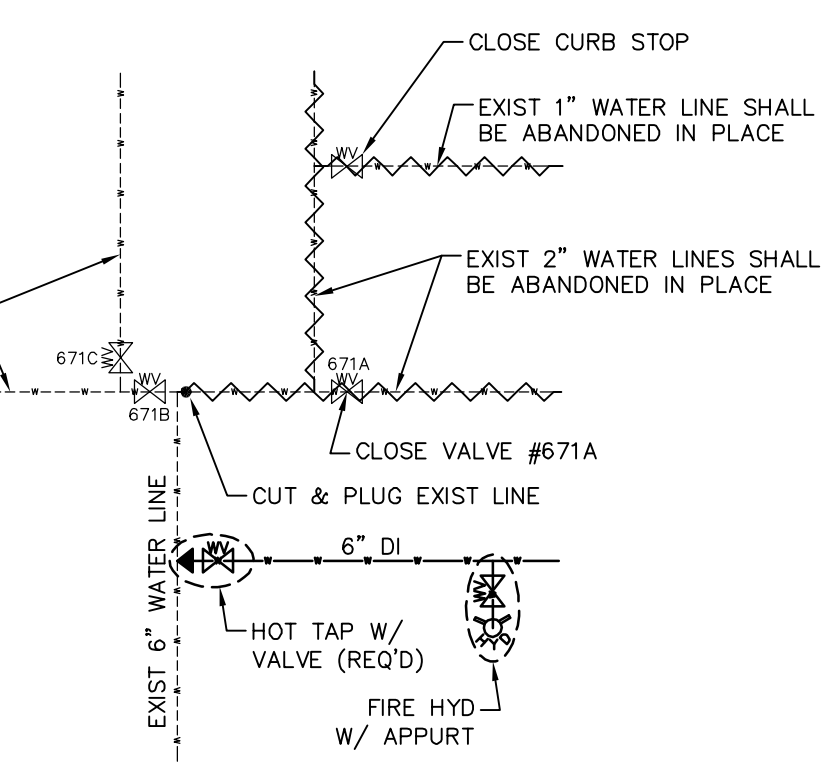
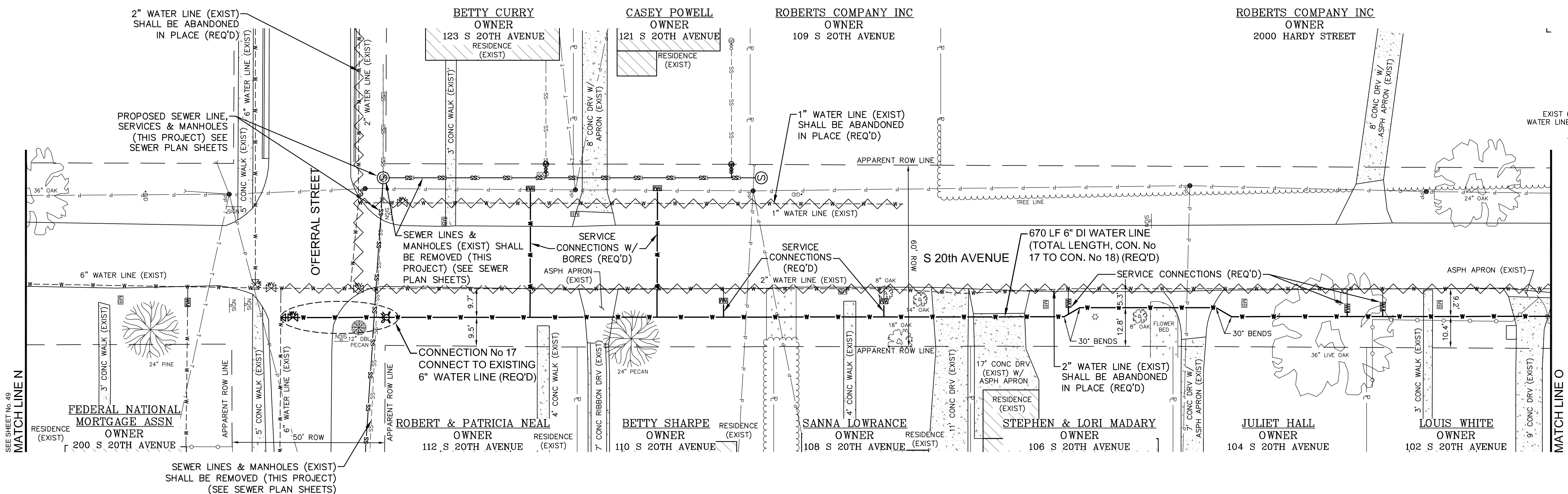
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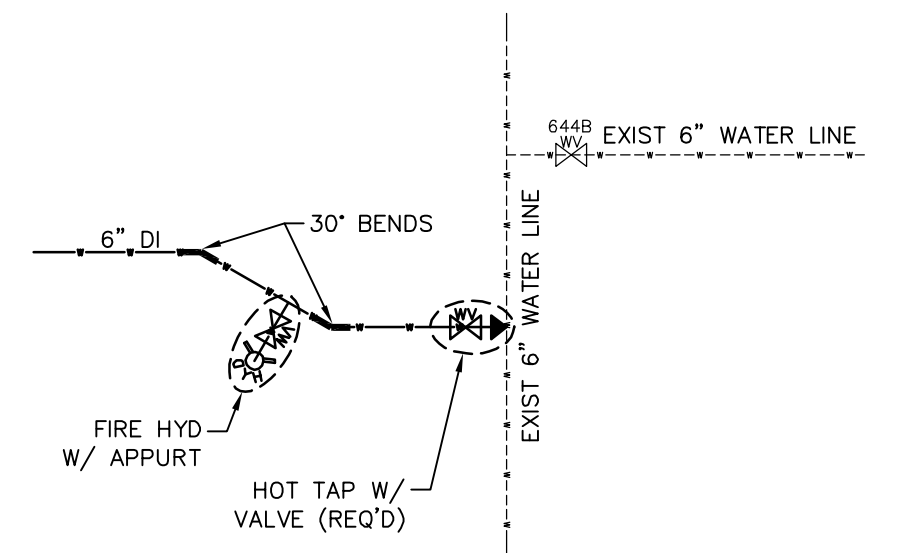
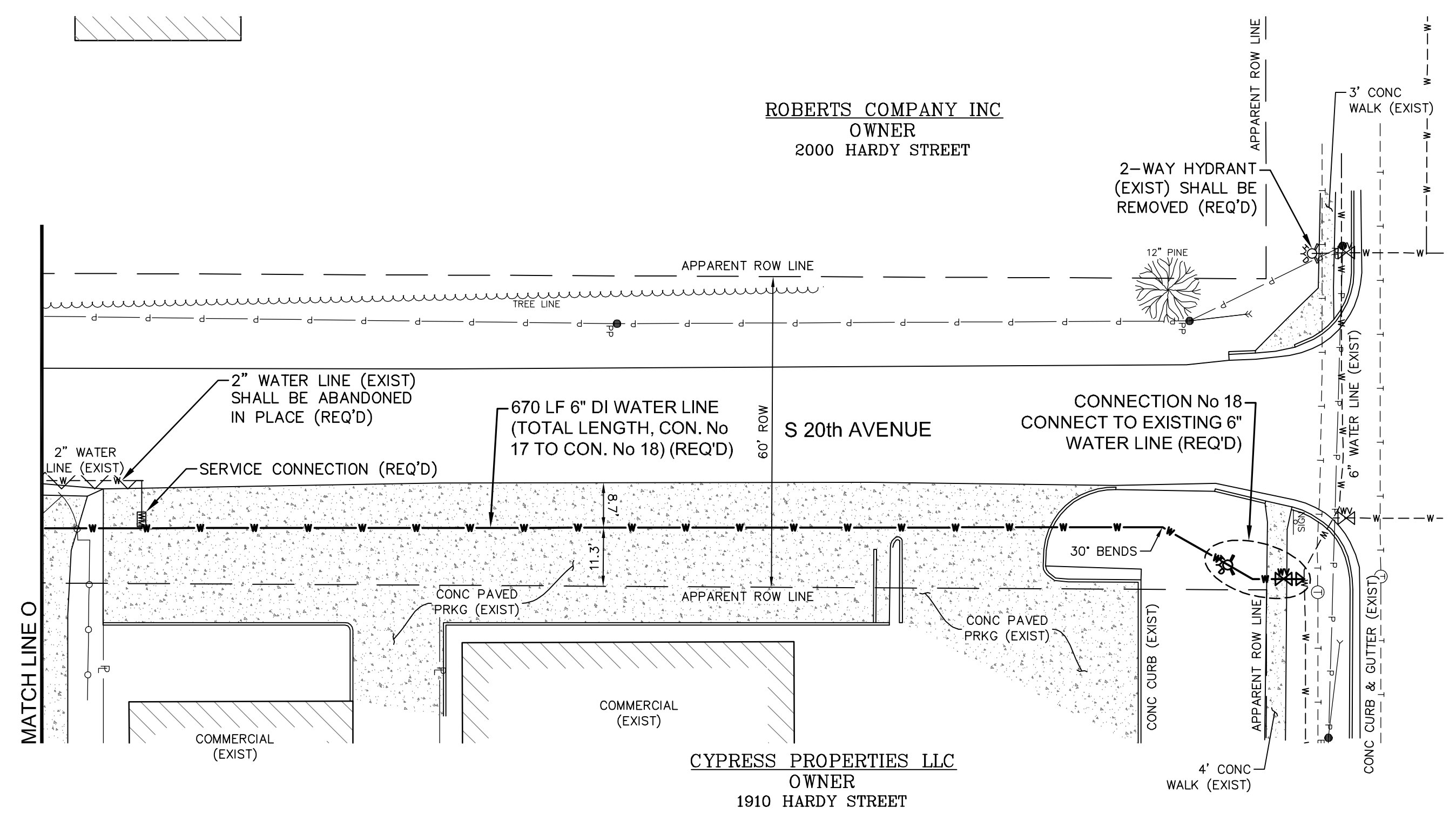
S 20TH AVE – WATER PLAN			
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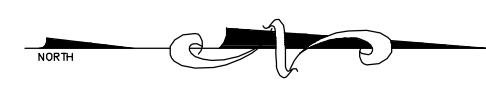
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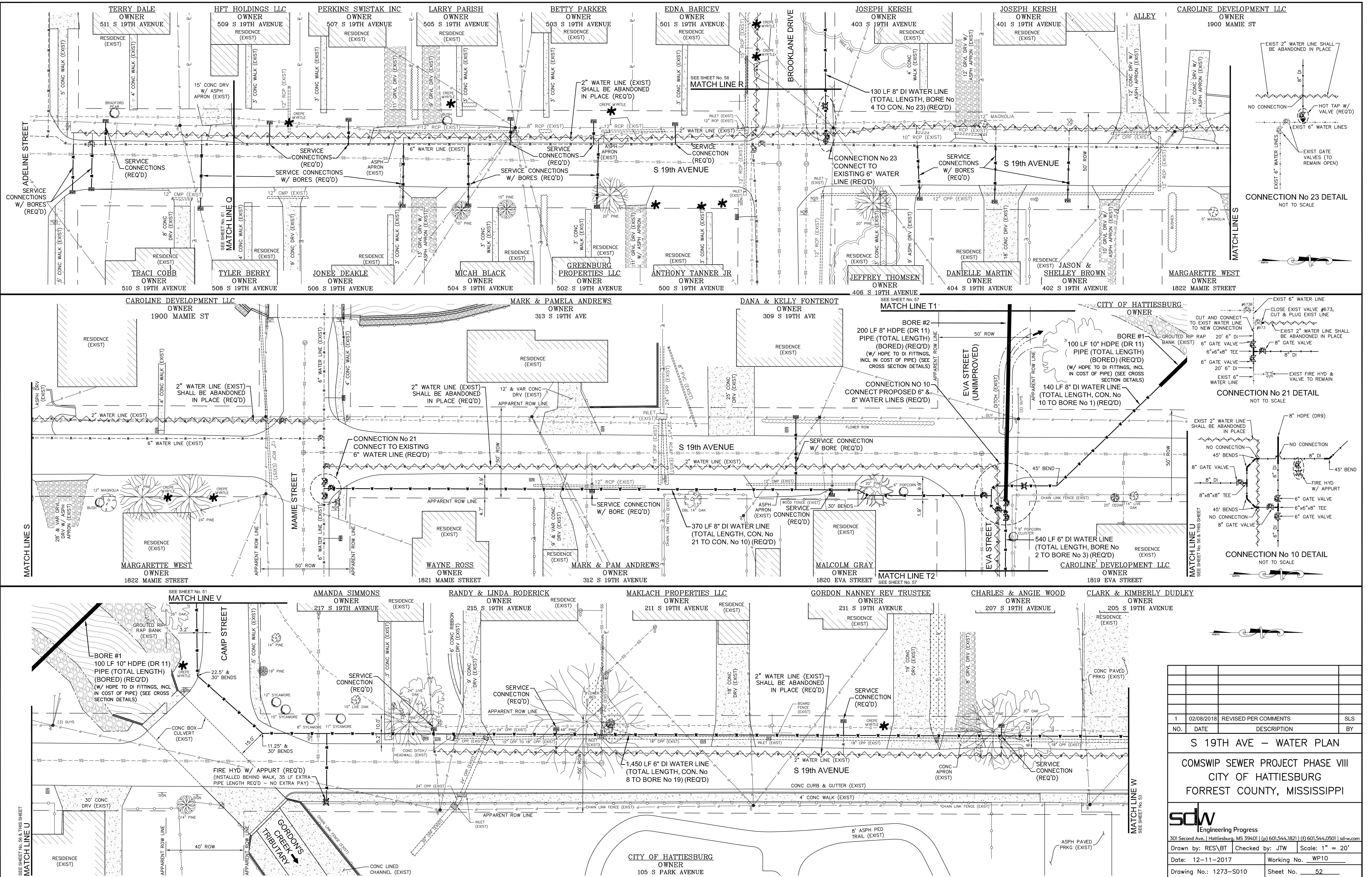
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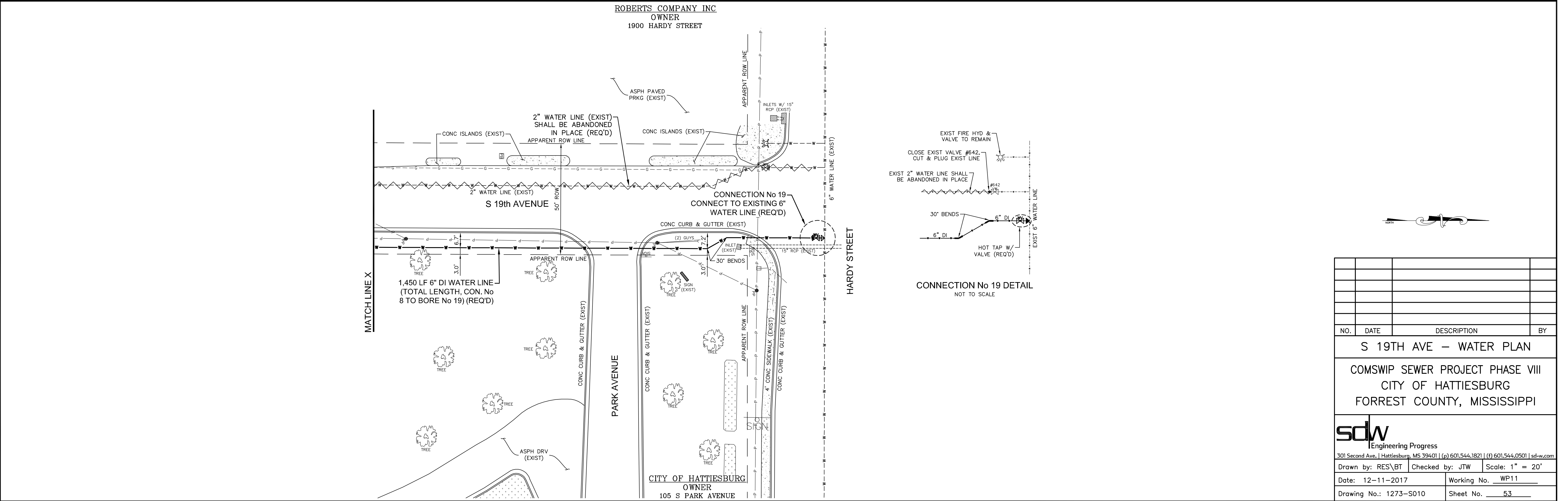
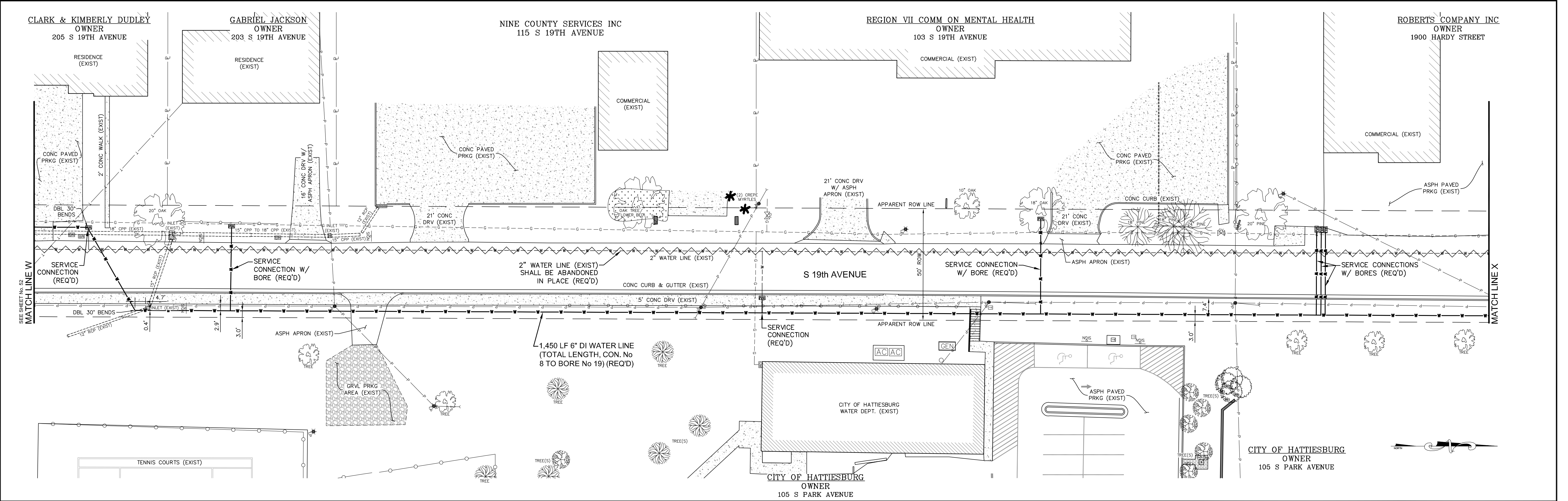
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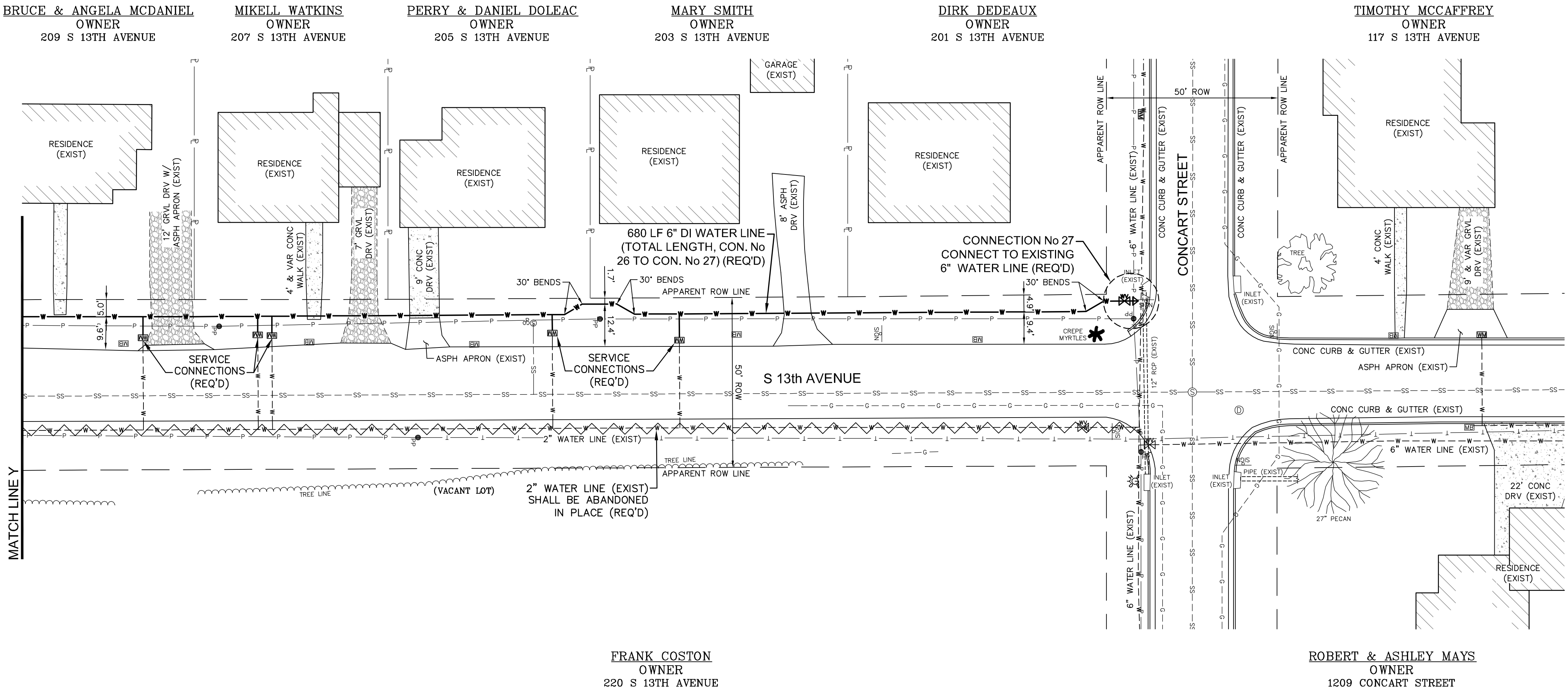
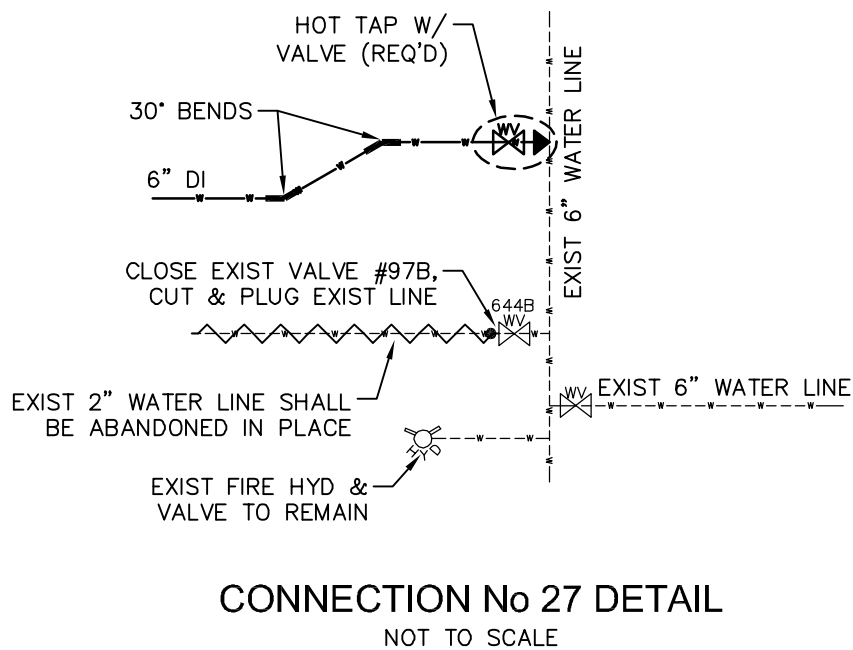
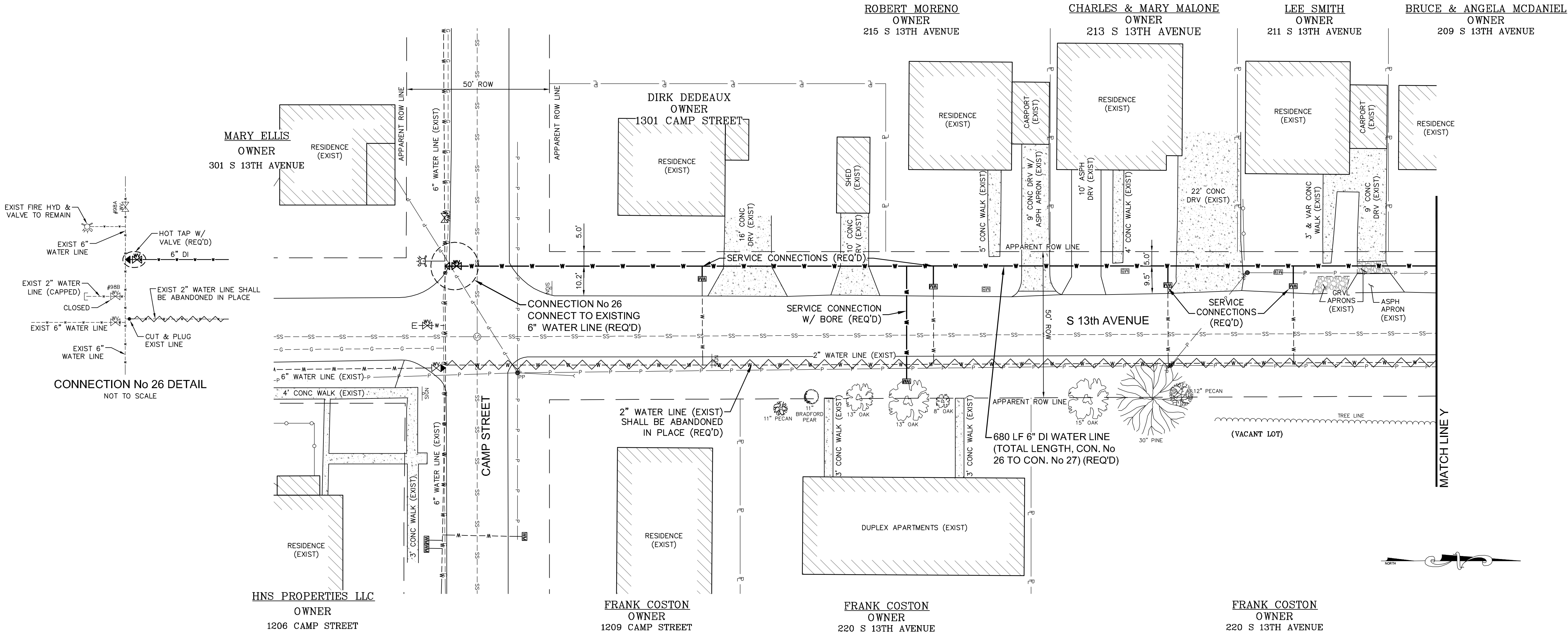


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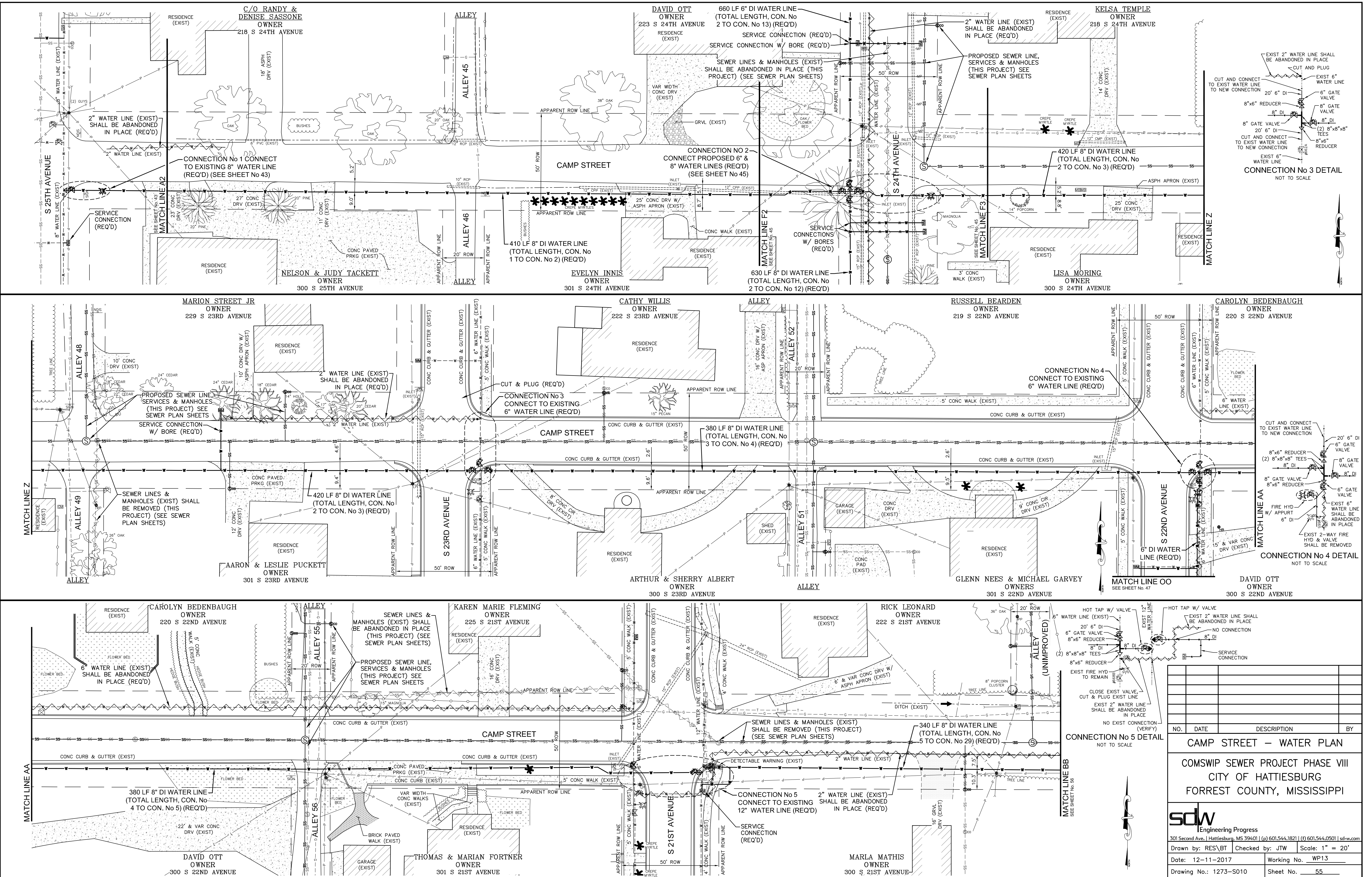
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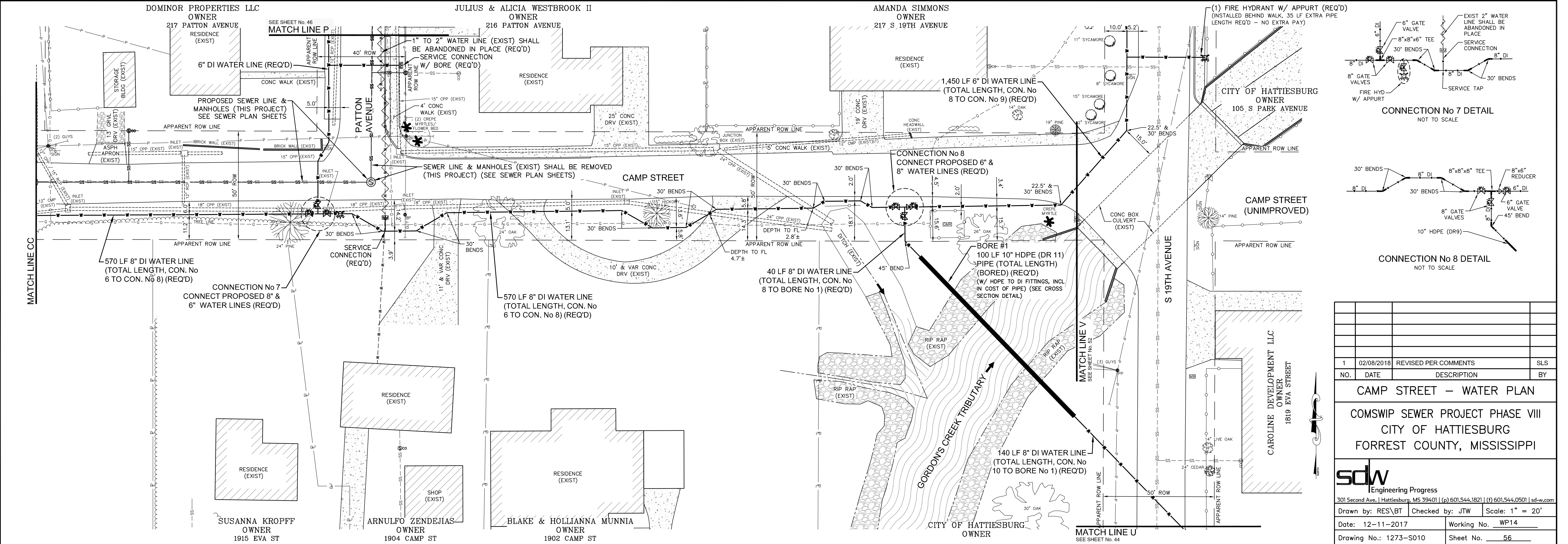
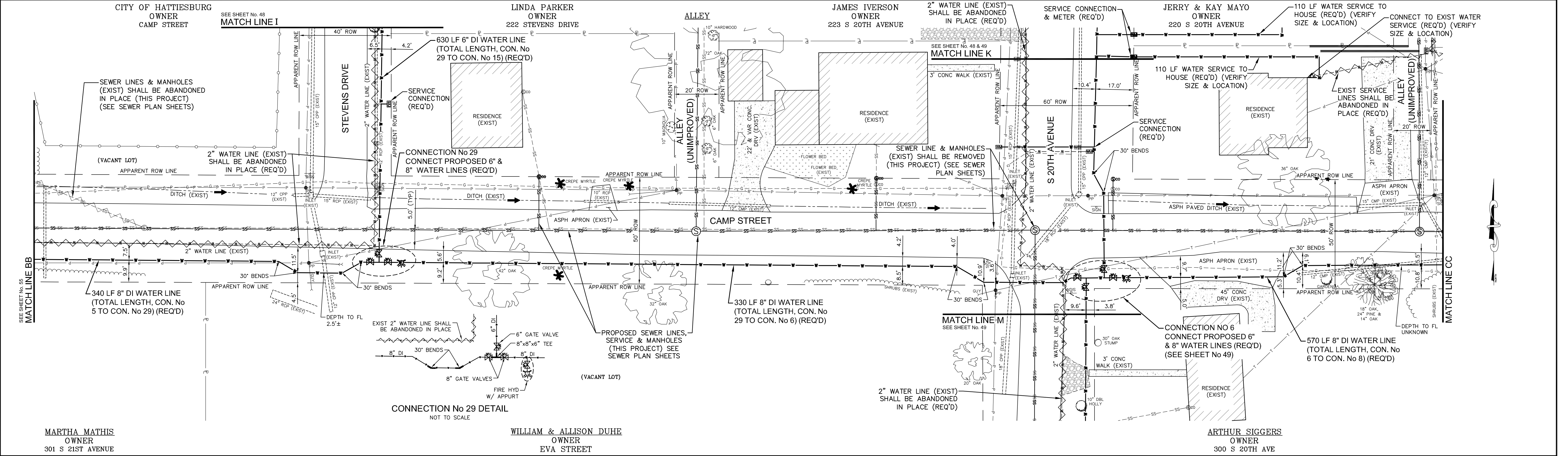


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FORREST COUNTY, MISSISSIPPI			
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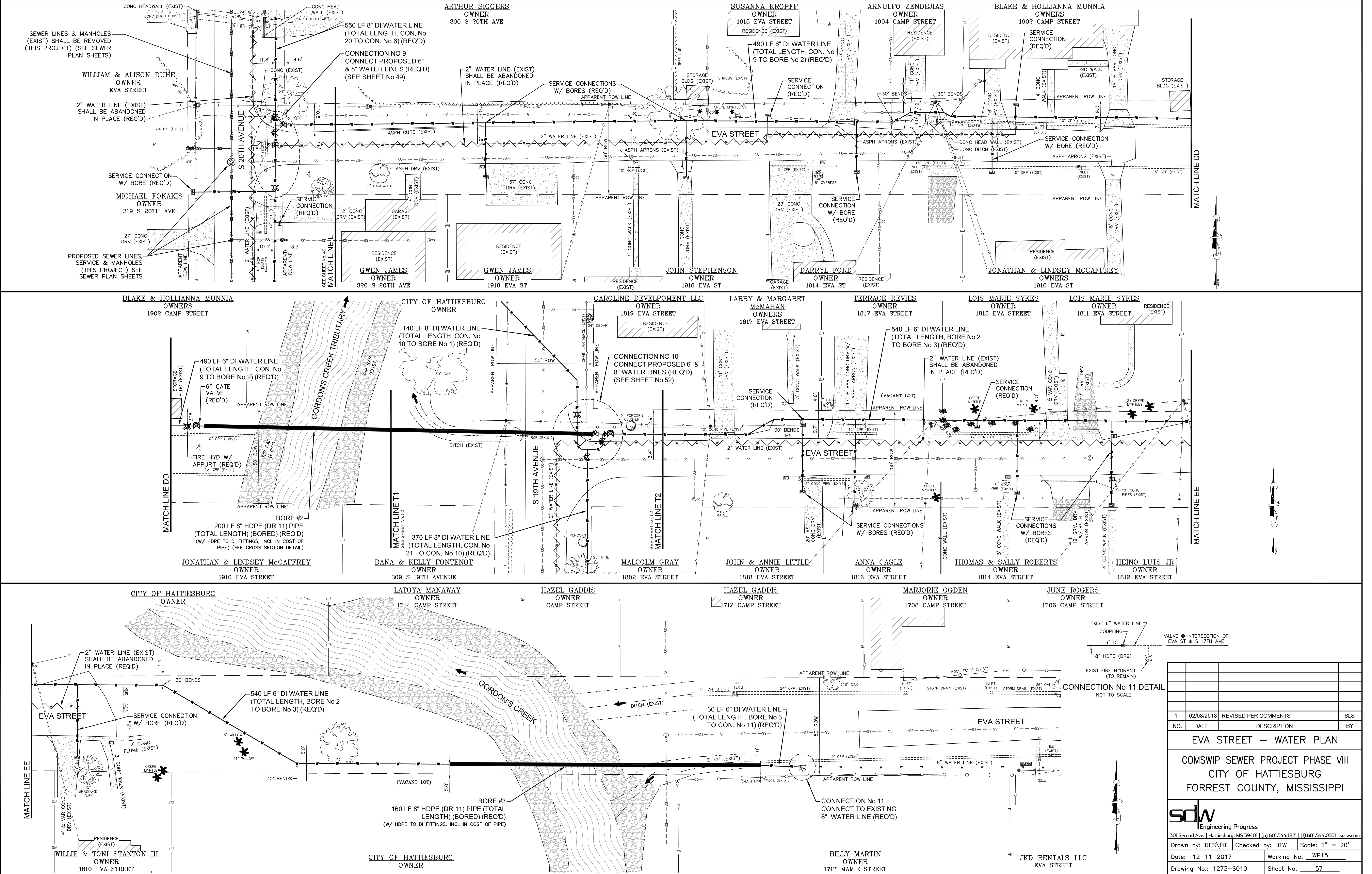
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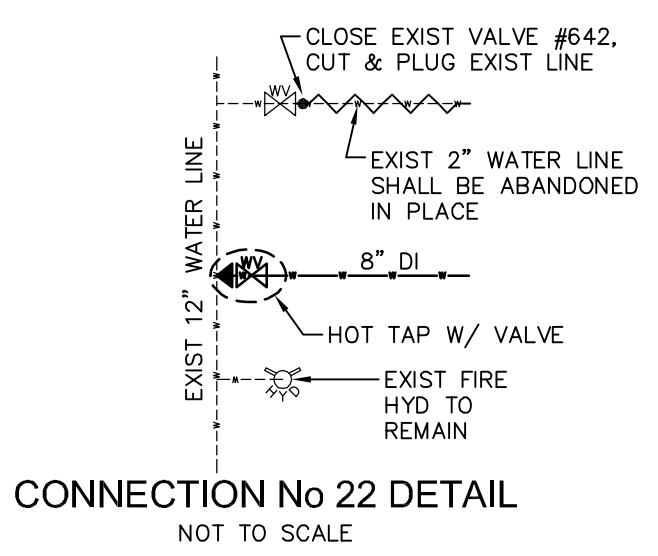
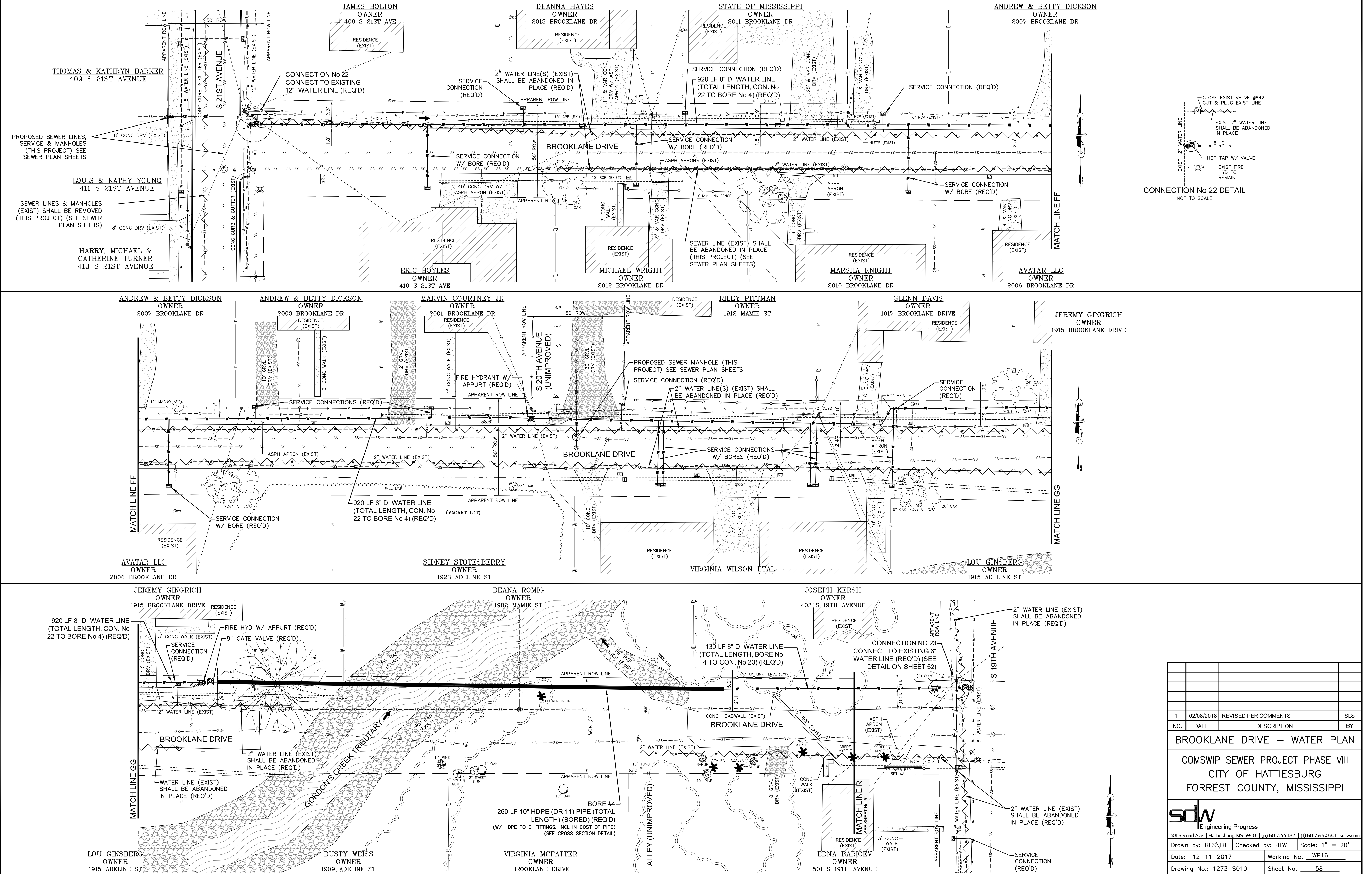
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CAMP STREET – WATER PLAN			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
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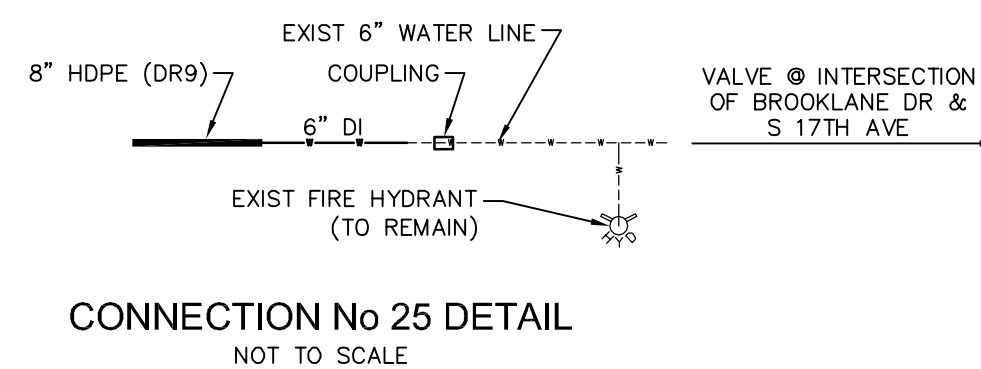
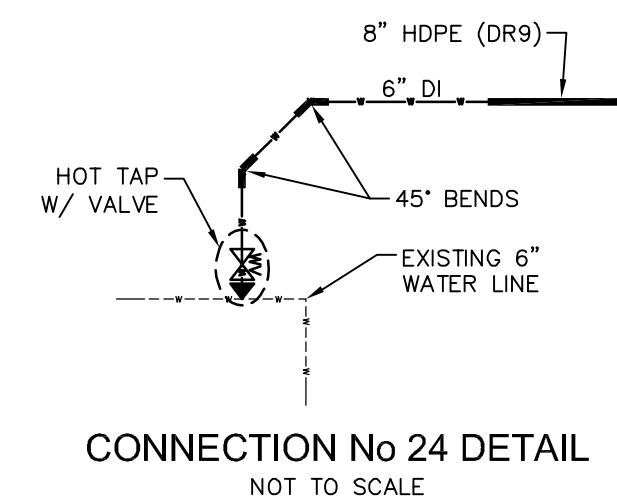
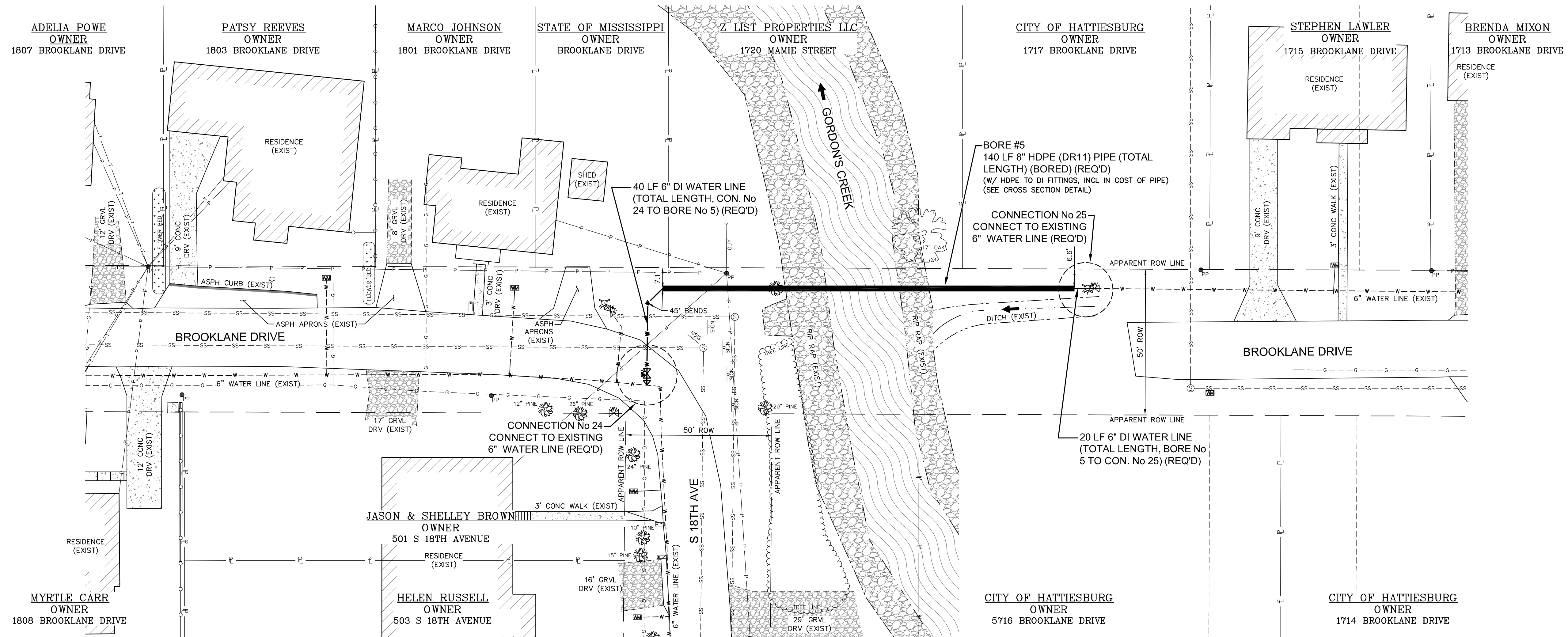
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COMSWIP SEWER PROJECT PHASE VIII			
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FORREST COUNTY, MISSISSIPPI			
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Drawing No.:	1273-S010	Sheet No.:	56



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EVA STREET – WATER PLAN			
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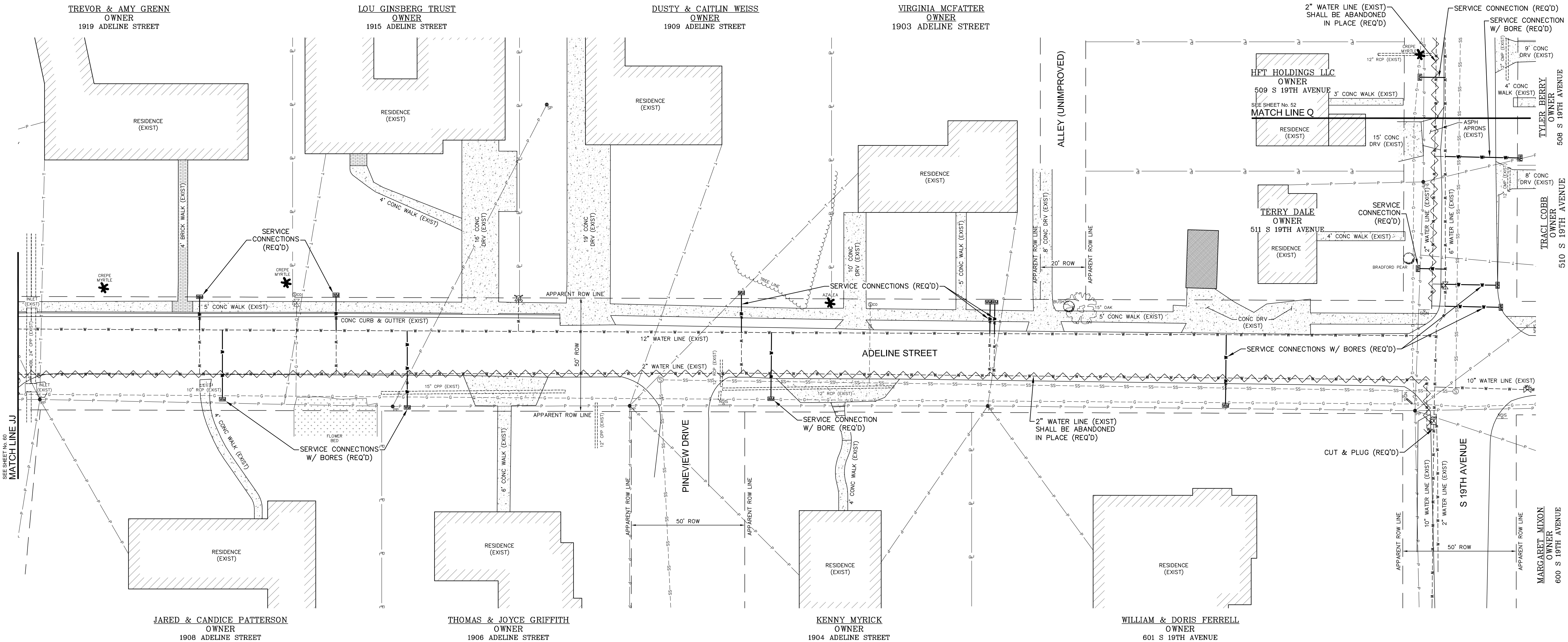


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BROOKLANE DRIVE – WATER PLAN			
COMSWIP SEWER PROJECT PHASE VIII CITY OF HATTIESBURG FORREST COUNTY, MISSISSIPPI			
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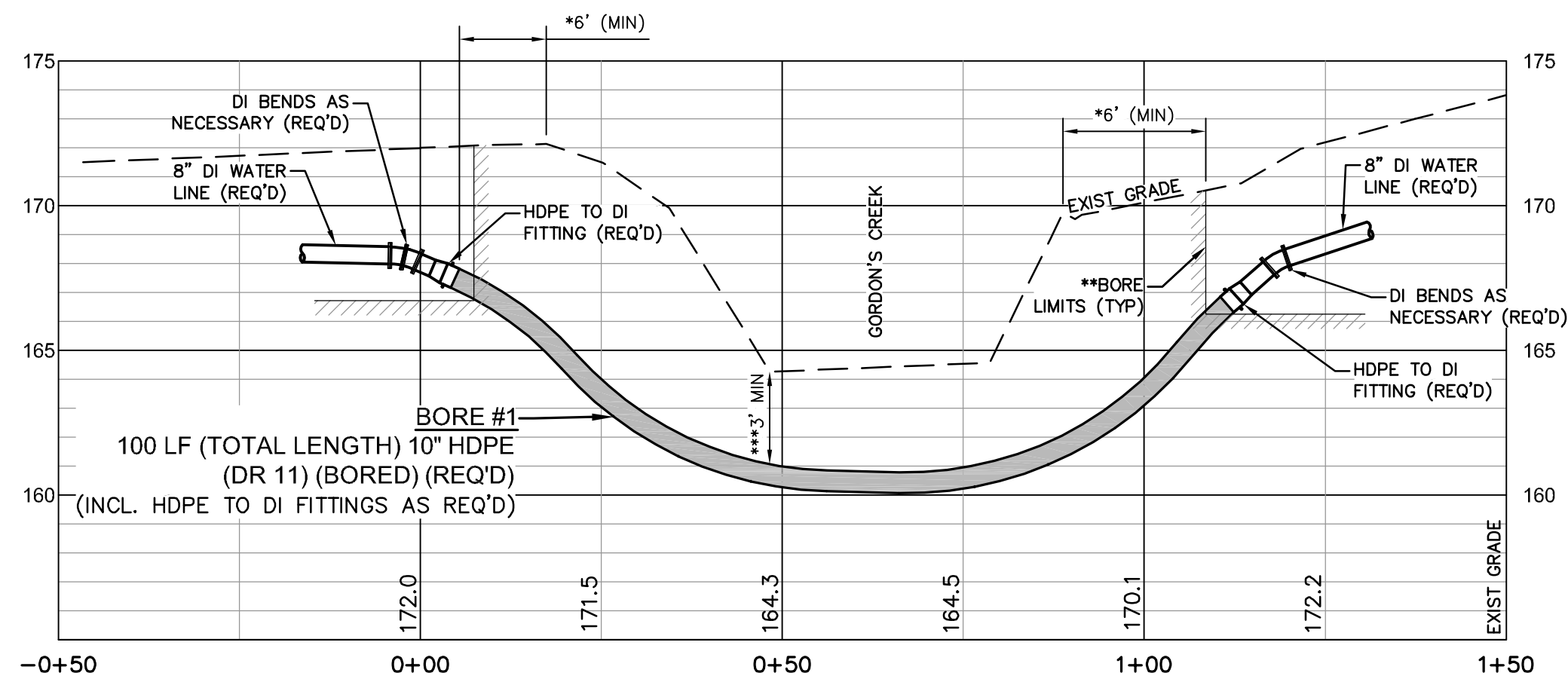


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BROOKLANE DRIVE – WATER PLAN			
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FORREST COUNTY, MISSISSIPPI			
301 Second Ave, Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
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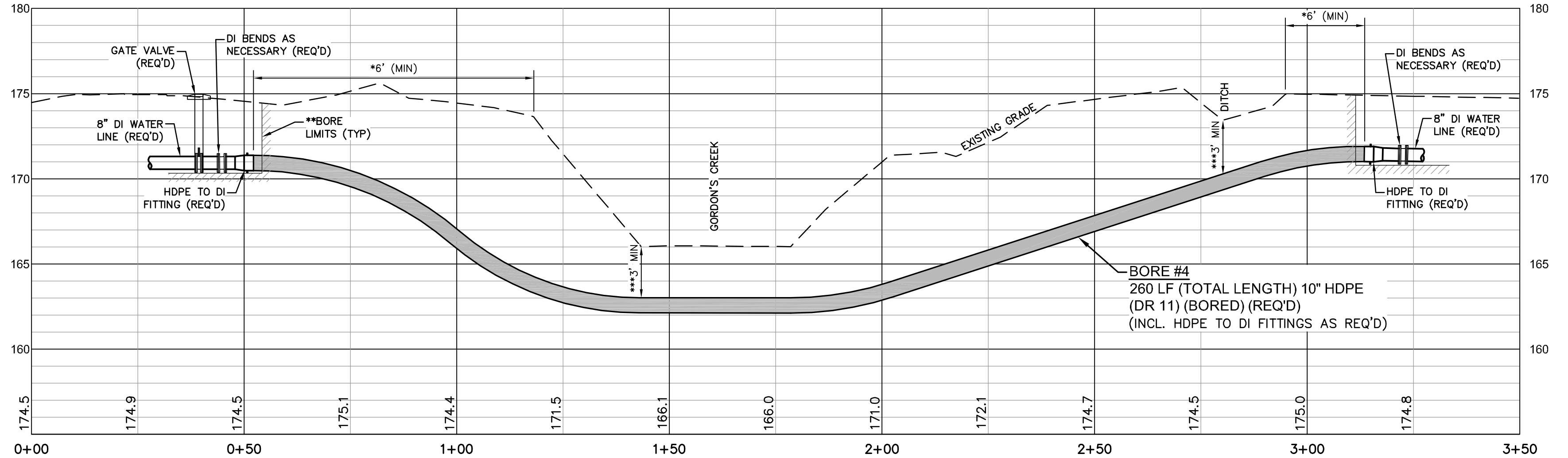
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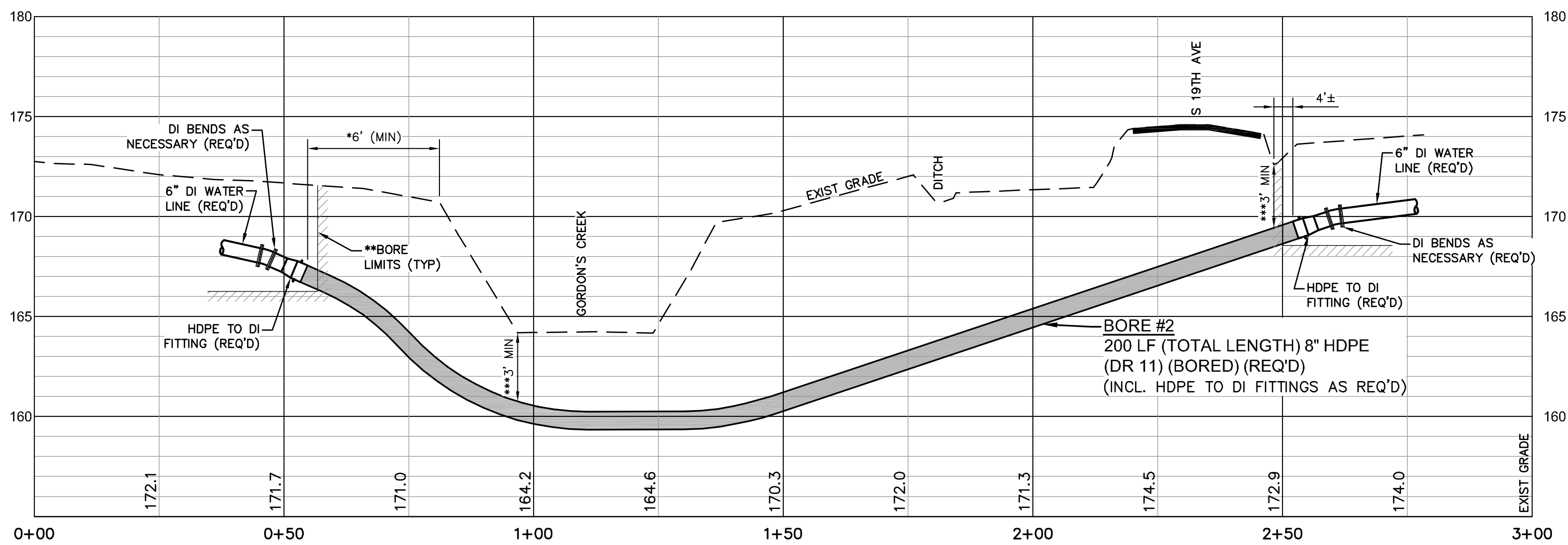
NO.	DATE	DESCRIPTION	BY
ADELINE STREET – WATER PLAN			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
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Drawing No.: 1273-S010	Sheet No. 61		



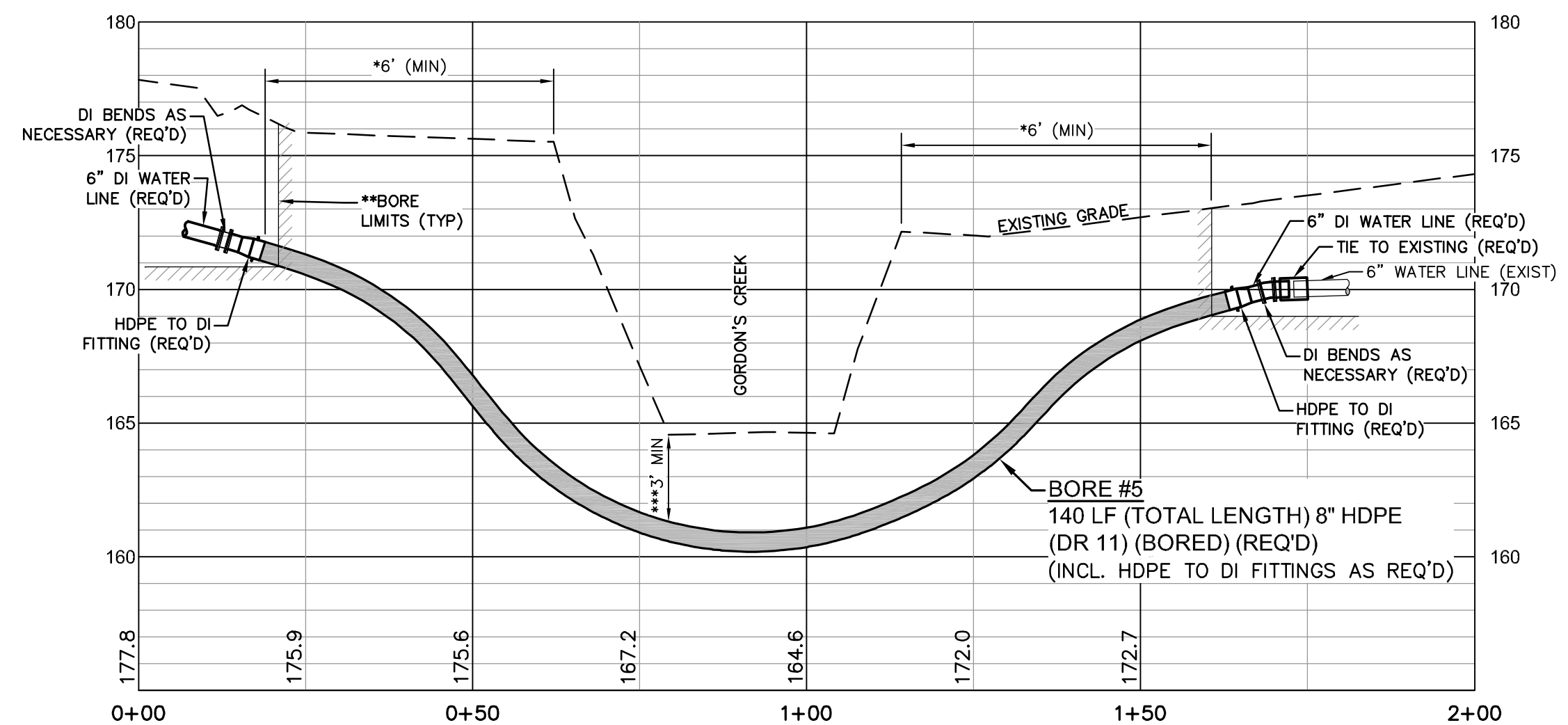
CROSS SECTION - BORE No. 1
(ACROSS GORDON'S CREEK TRIBUTARY NEAR THE CAMP ST / S 19TH AVE INTERSECTION)



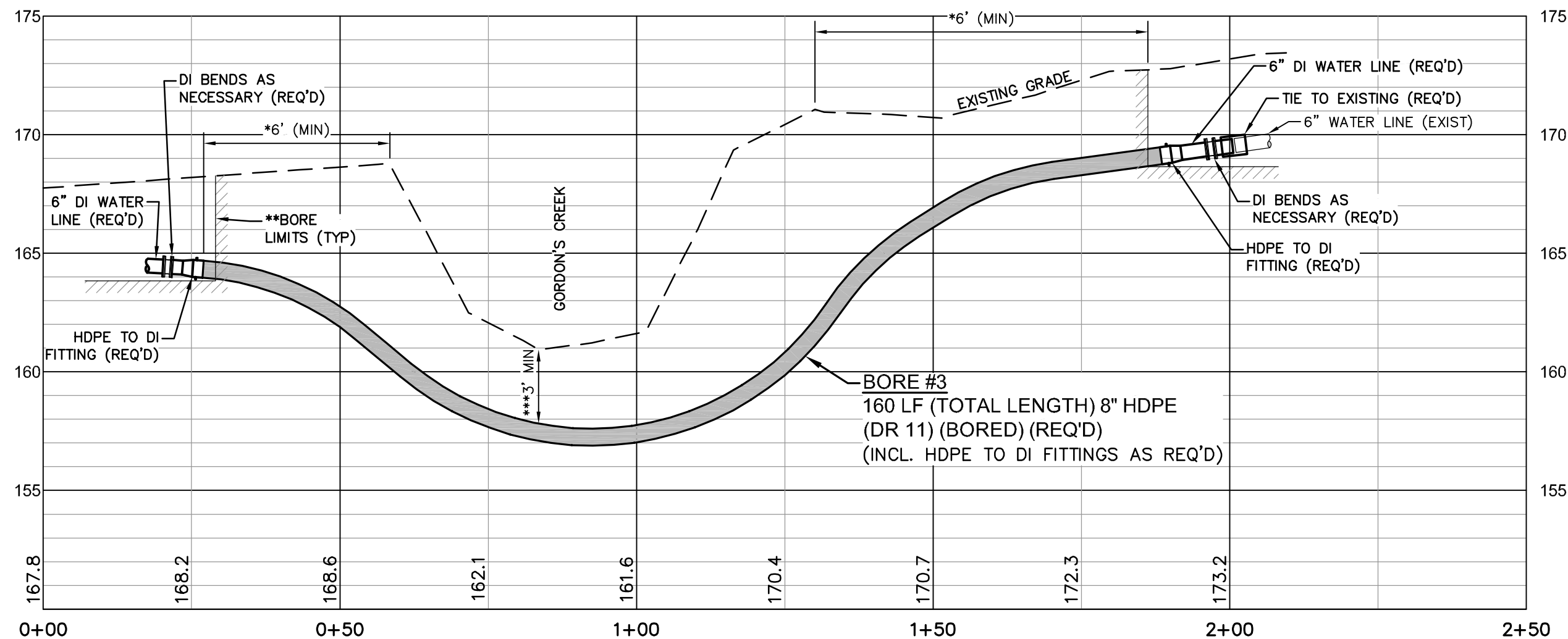
CROSS SECTION - BORE NO. 4
(ACROSS GORDON'S CREEK TRIBUTARY AT BROOKLANE DR)



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)

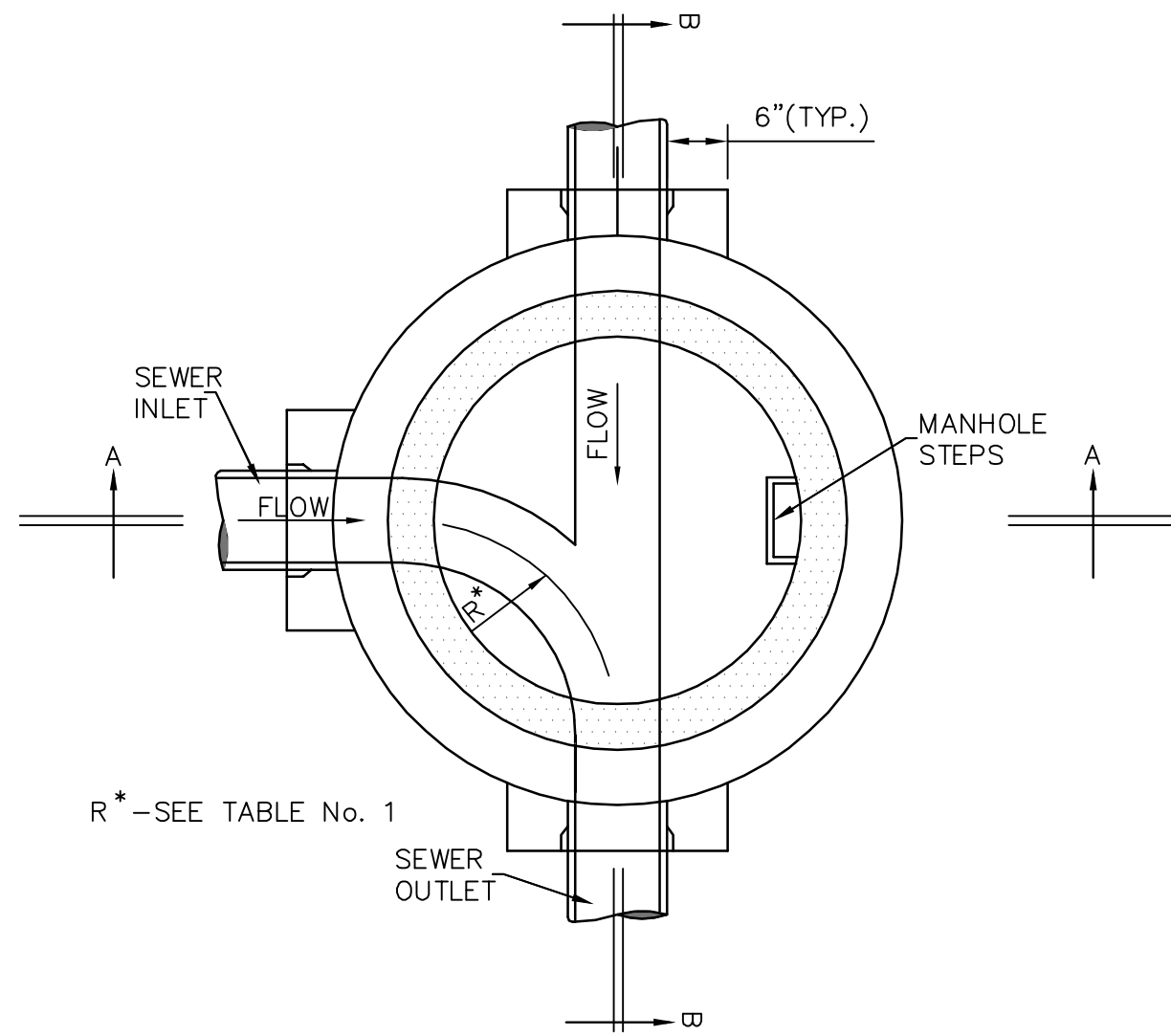


CROSS SECTION - BORE No. 3
(ACROSS GORDON'S CREEK AT EVA ST)

CROSS SECTION NOTES:

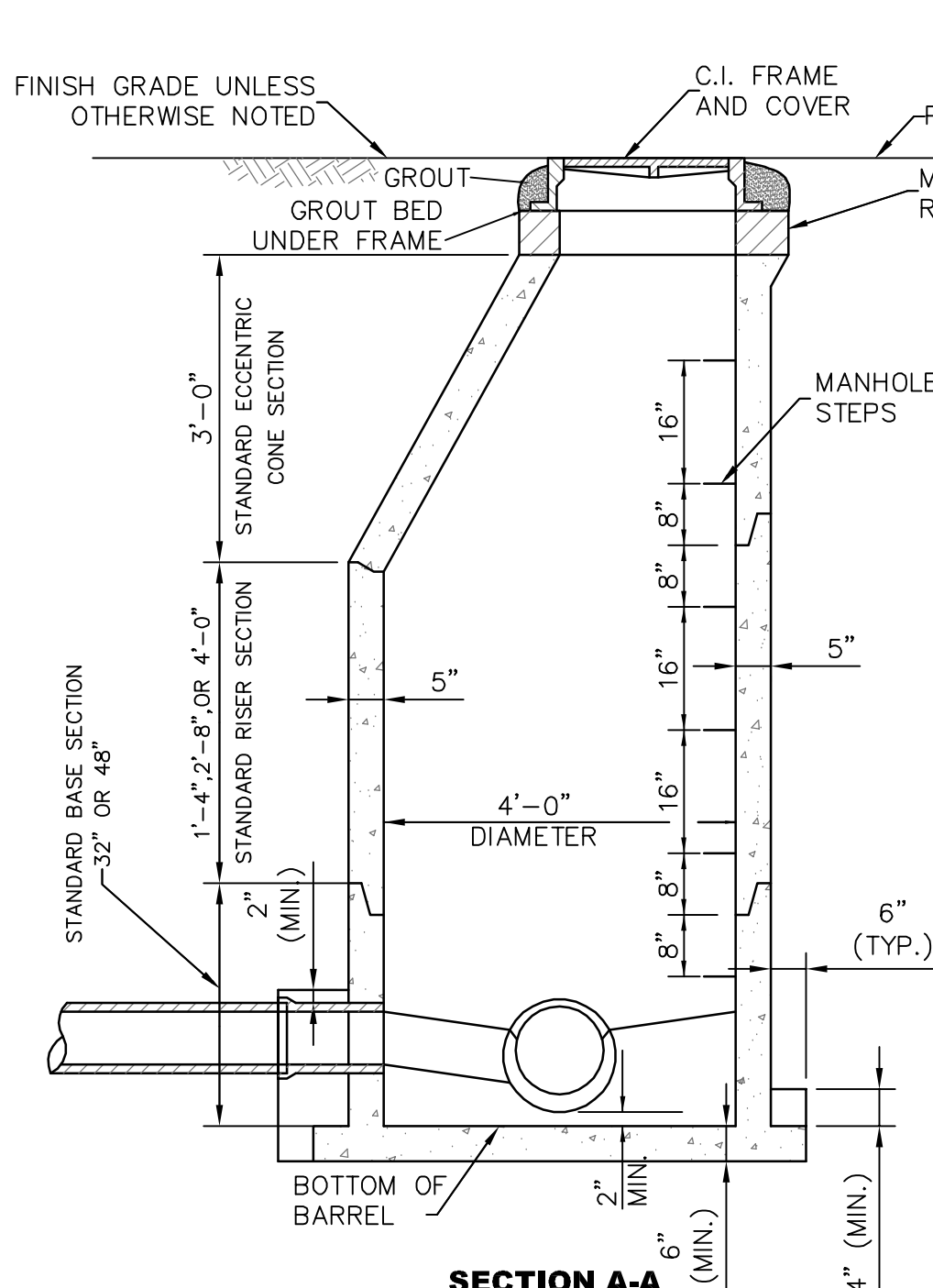
1. *BORE SHALL START & END A MINIMUM OF 6' FROM TOP BANK OF CREEK.
2. **BORE PIT TRENCH SHALL NOT BE EXCAVATED MORE THAN TWO (2) FEET FROM END OF BORE TOWARD CREEK.
3. ***THERE SHALL BE A MINIMUM OF 36 INCHES OF COVER BETWEEN THE FLOWLINE OF THE DITCH OR CREEK AND TOP OF PIPE.
4. LOCATION & DEPTH OF EXIST UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY PRIOR TO BORING OPERATIONS.

1	02/08/2018	REVISED PER COMMENTS	SLS
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CREEK CROSS SECTIONS			
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Drawing No.:	1273-S010	Sheet No.:	62

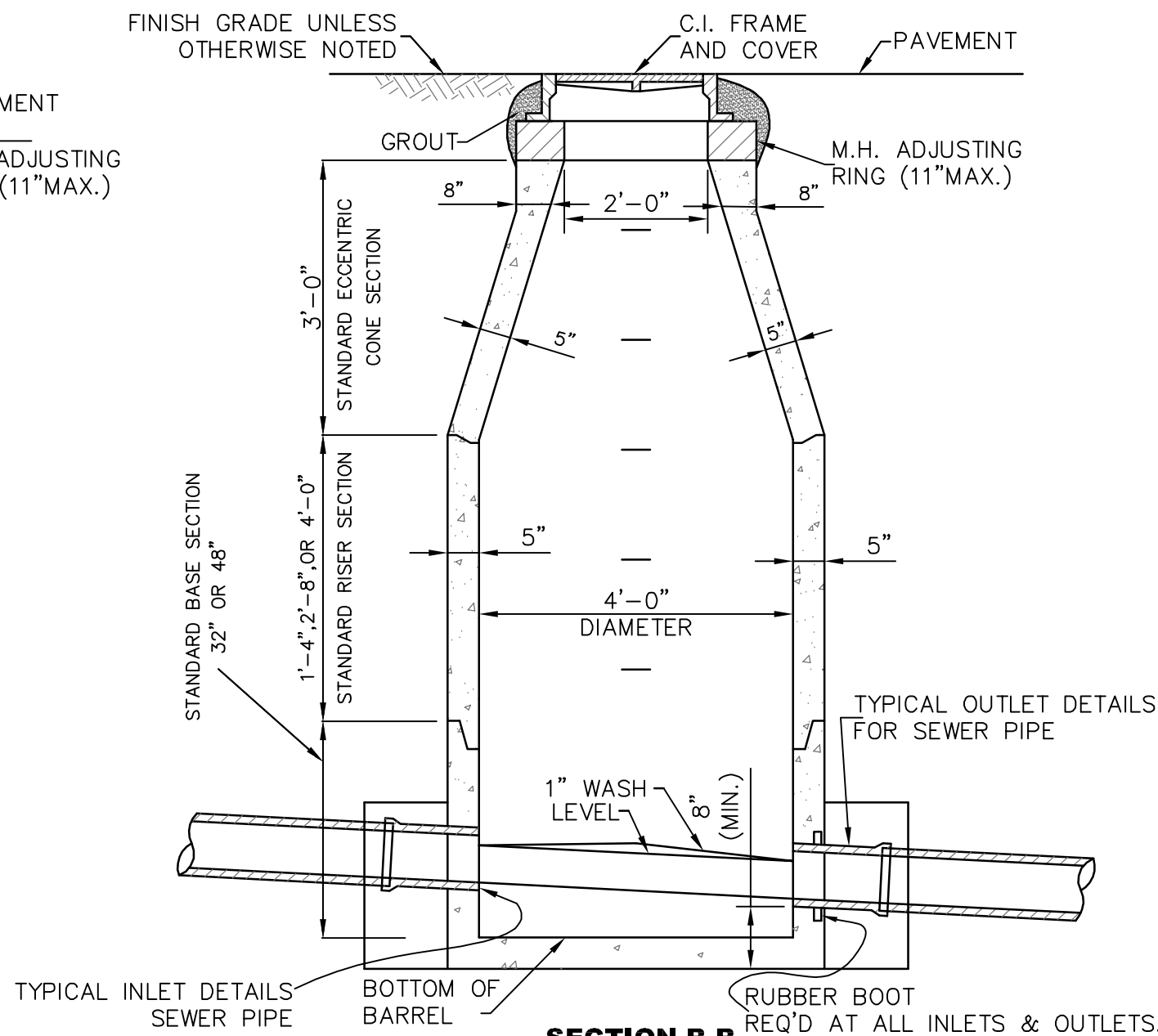


SECTIONAL PLAN
STANDARD PRECAST 4'-0" DIAMETER MANHOLE

NOTE: 5'-0" & 6'-0" DIAMETER MANHOLE MAY BE SIMILAR DESIGN IF APPROVED BY THE ENGINEER. SHOWN WITH CLAY OR CONCRETE PIPE

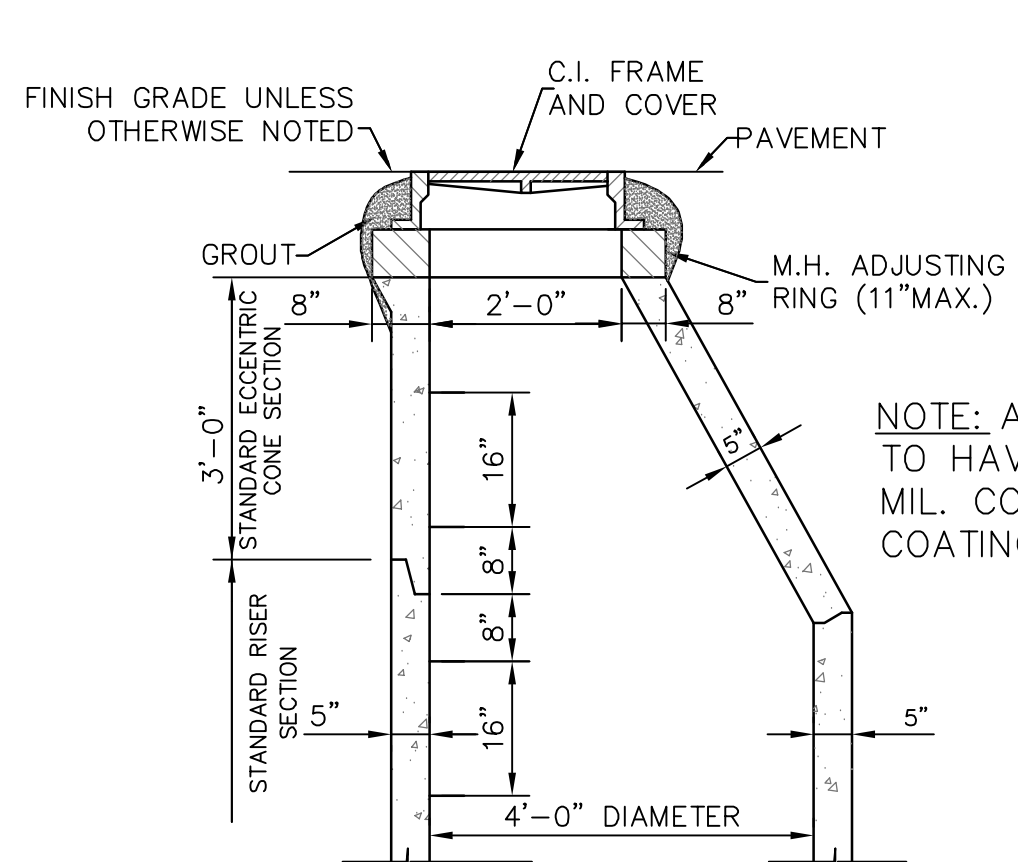


SECTION A-A
SHOWN WITH MANHOLE BOTTOM-PRECAST



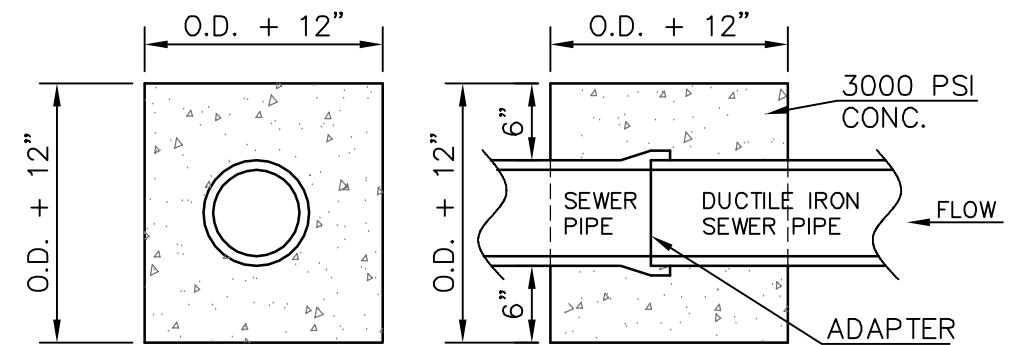
SECTION B-B
SHOWN WITH MANHOLE BOTTOM CAST-IN-PLACE

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.



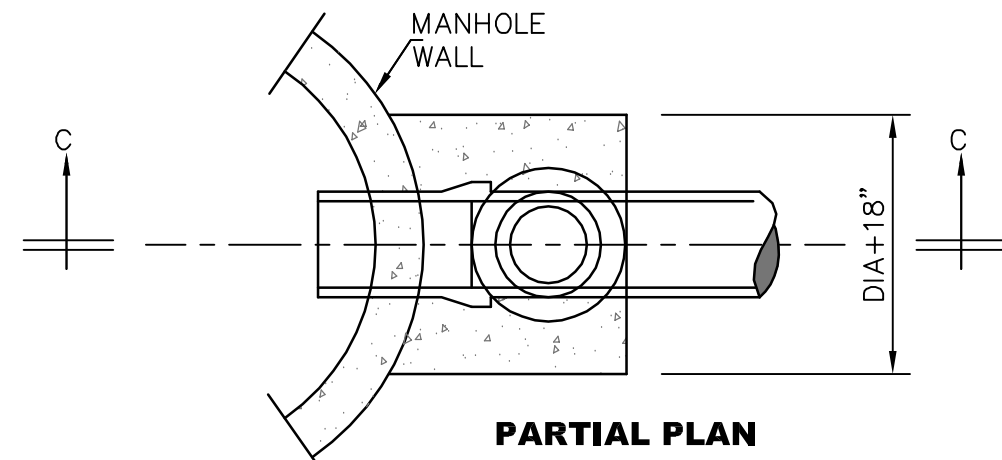
STANDARD ECCENTRIC CONE
FOR ALL DIAMETER MANHOLES

NOTE: DETAILS FOR RISER & BASE SECTIONS ARE SAME AS SHOWN IN SECTION A-A & B-B.



SECTION
PLAN
TYPICAL SEWER PIPE
CONNECTION TO SAME SIZE
DUCTILE IRON SEWER PIPE

NOTE: DROP MANHOLE ASSEMBLY TO BE FORMED AND POURED USING 3,000psi CONC.



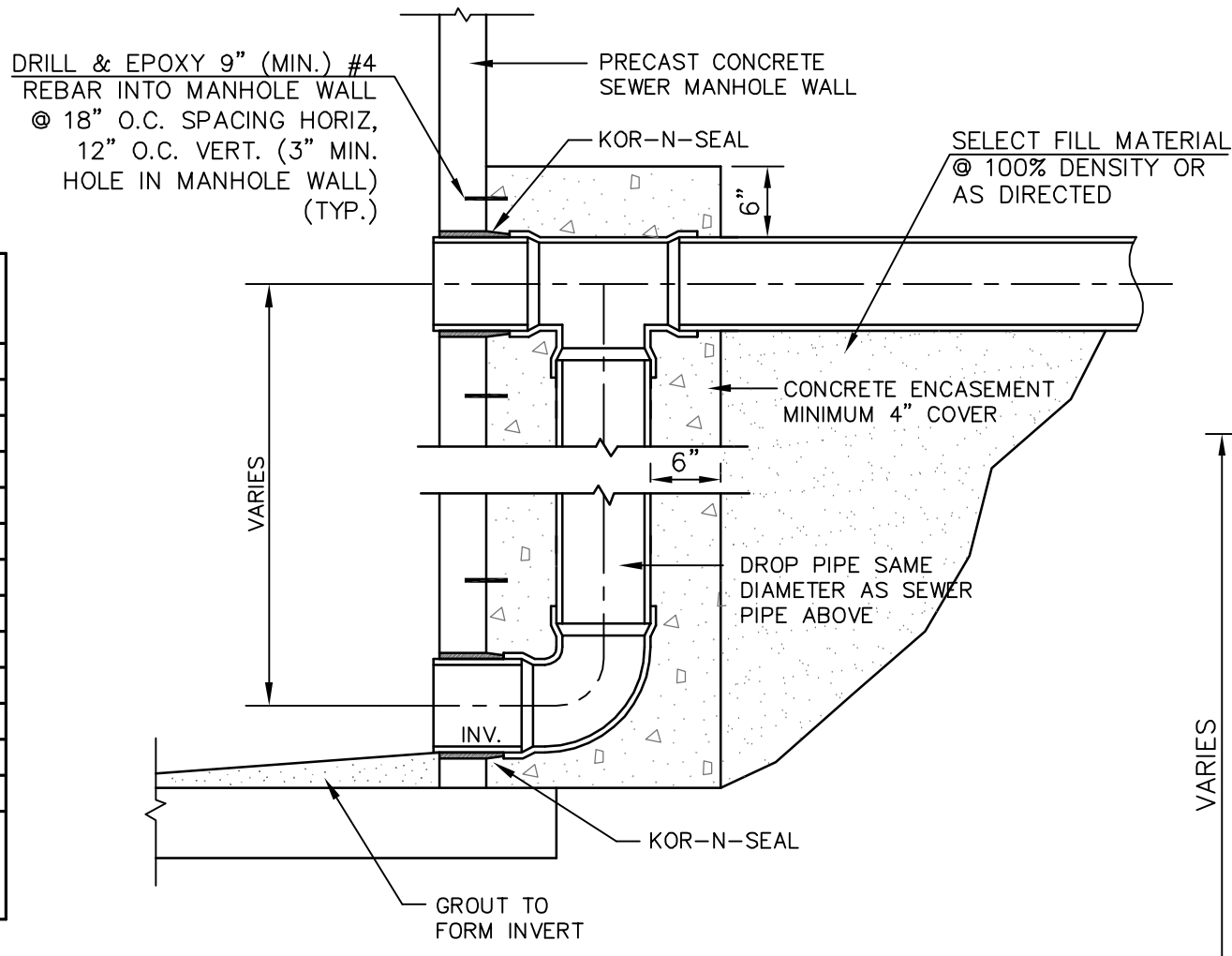
PARTIAL PLAN
TYPICAL DROP MANHOLE ASSEMBLY

NOTE:

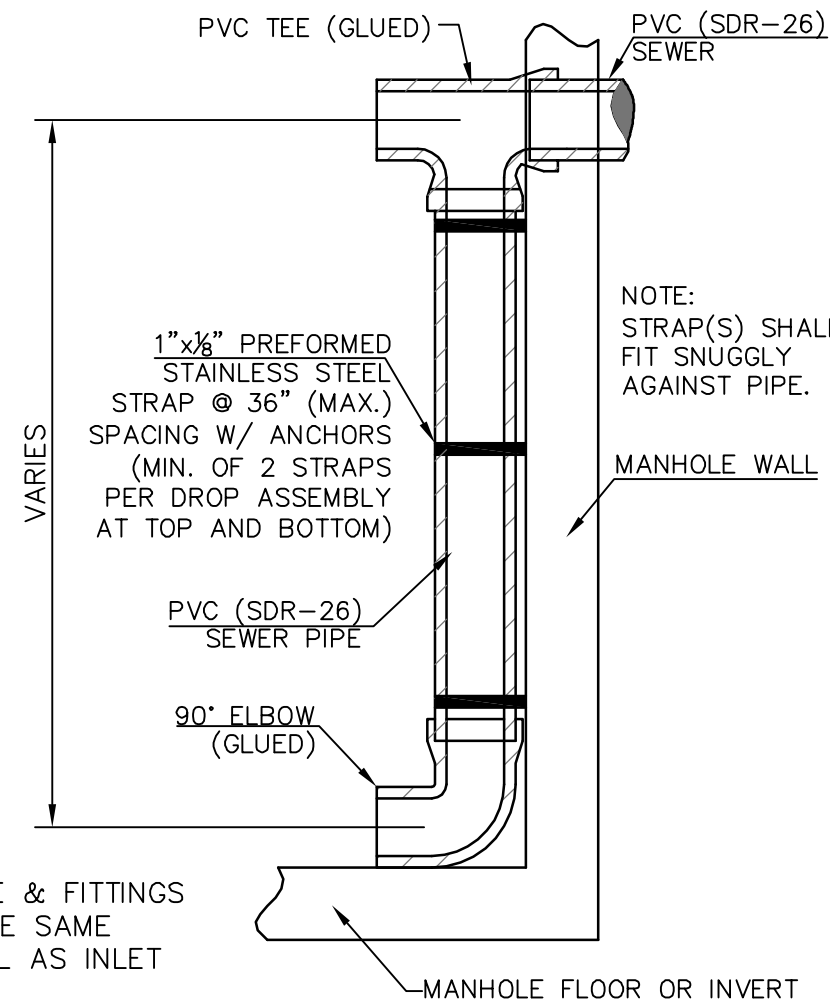
ALL MANHOLES SHALL BE STANDARD PRECAST WITH EXTENDED BASES, UNLESS OTHERWISE DIRECTED. FLEXIBLE INLET AND OUTLET CONNECTION BOOTS REQUIRED ON ALL PIPES AND FORCE MAINS.

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



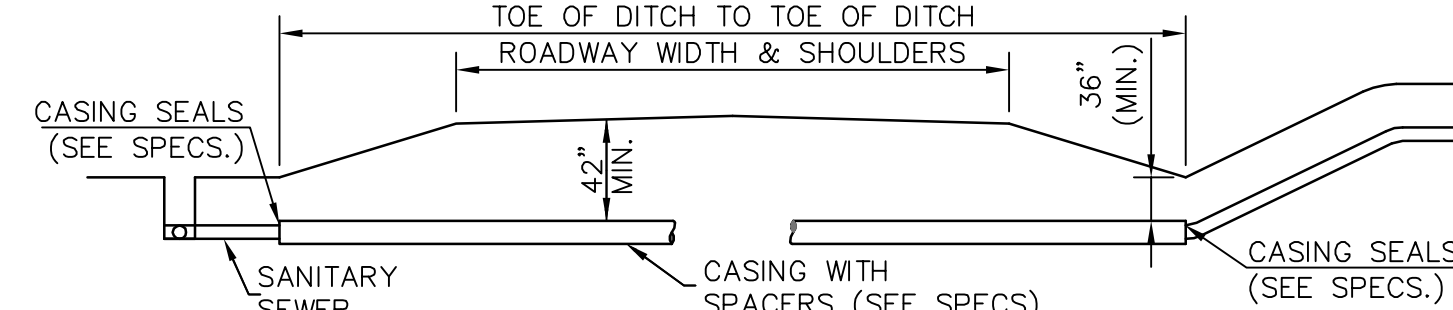
DETAIL "B"
SECTION C-C



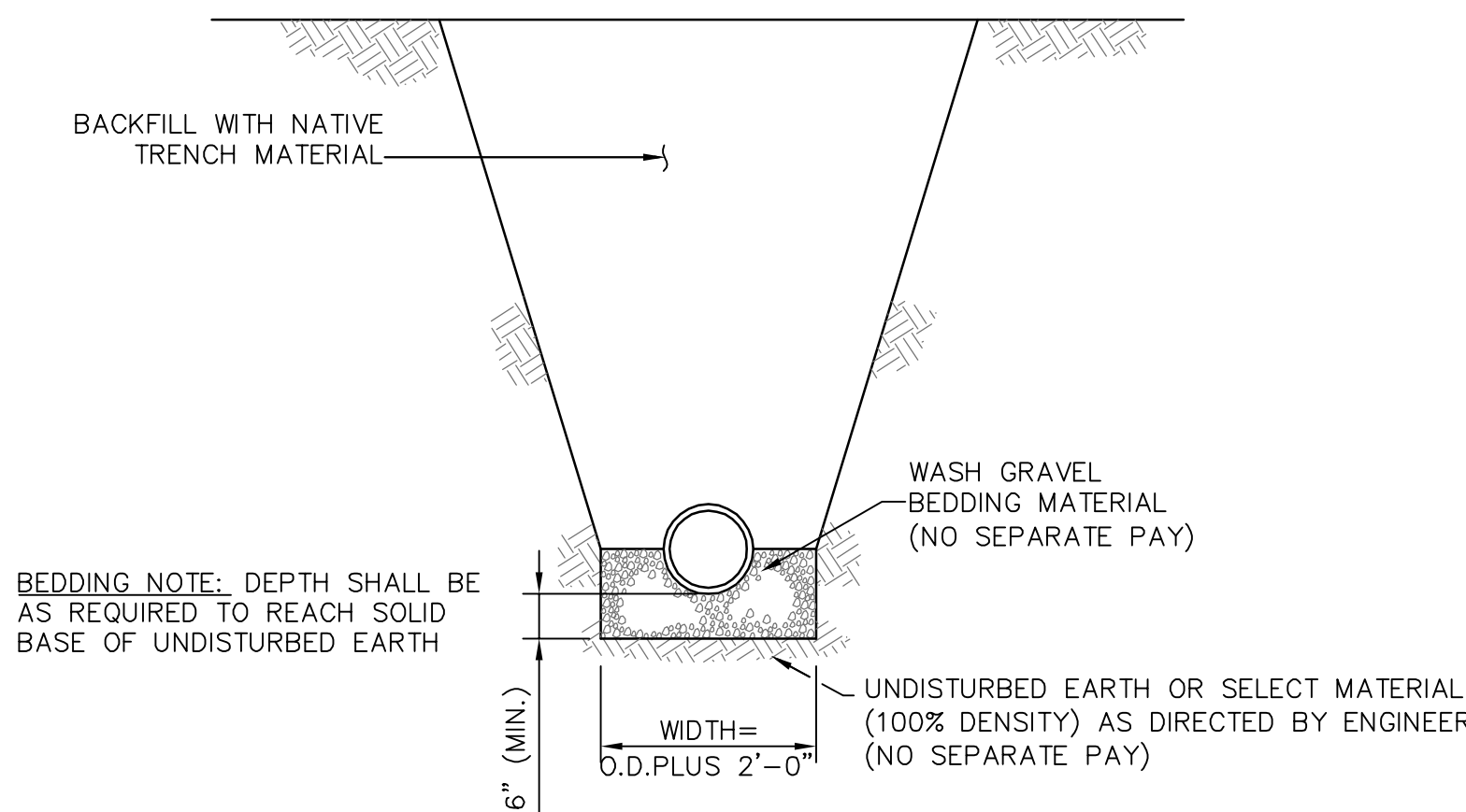
DETAIL "A"
SECTION C-C
TYPICAL DROP MANHOLE ASSEMBLY

- 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.

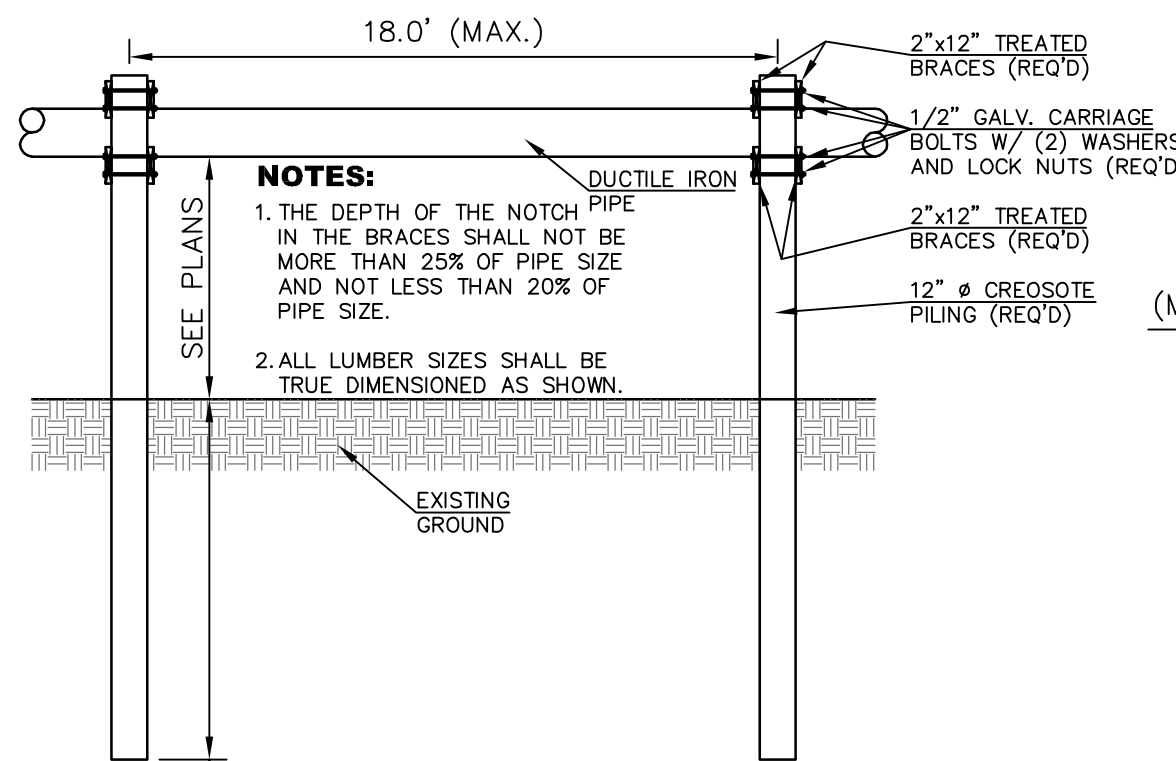
NOTE: ALL TESTING TO BE THE RESPONSIBILITY OF THE CONTRACTOR. (NO SEPARATE PAY)



ROAD BORE DETAIL

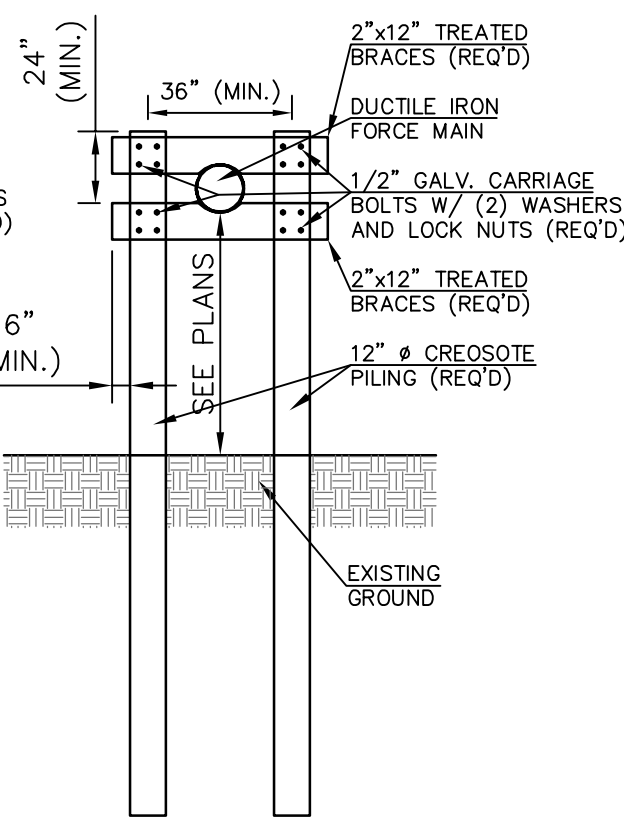


TYPICAL TRENCH IN NON-PAVED AREAS DETAIL



SIDE VIEW

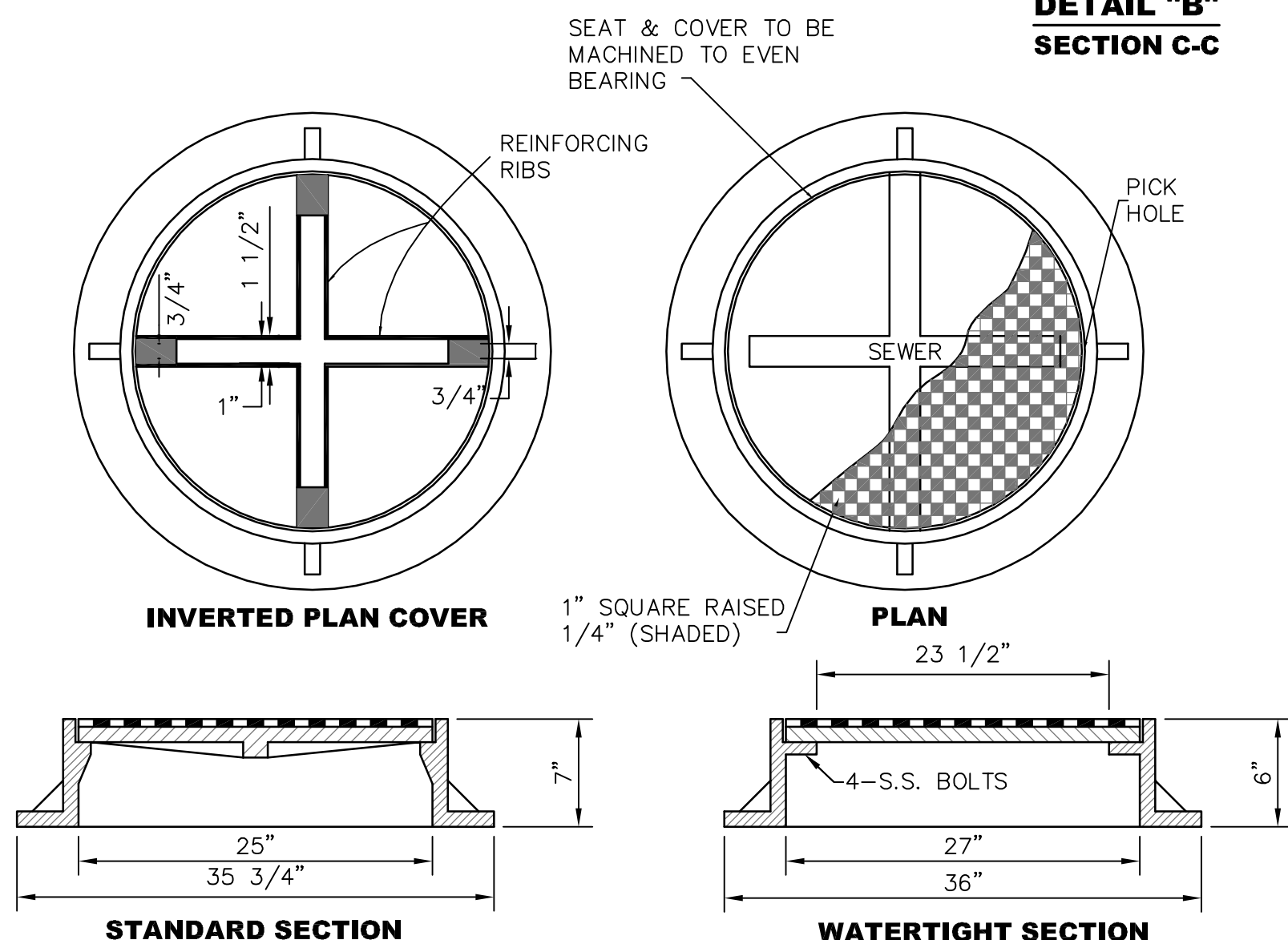
TREATED WOOD PIPE PIERS



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

PLAN

STANDARD SECTION

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

NO.	DATE	DESCRIPTION	BY
1	02/08/2018	REVISED PER COMMENTS	SL

SEWER INSTALLATION DETAILS

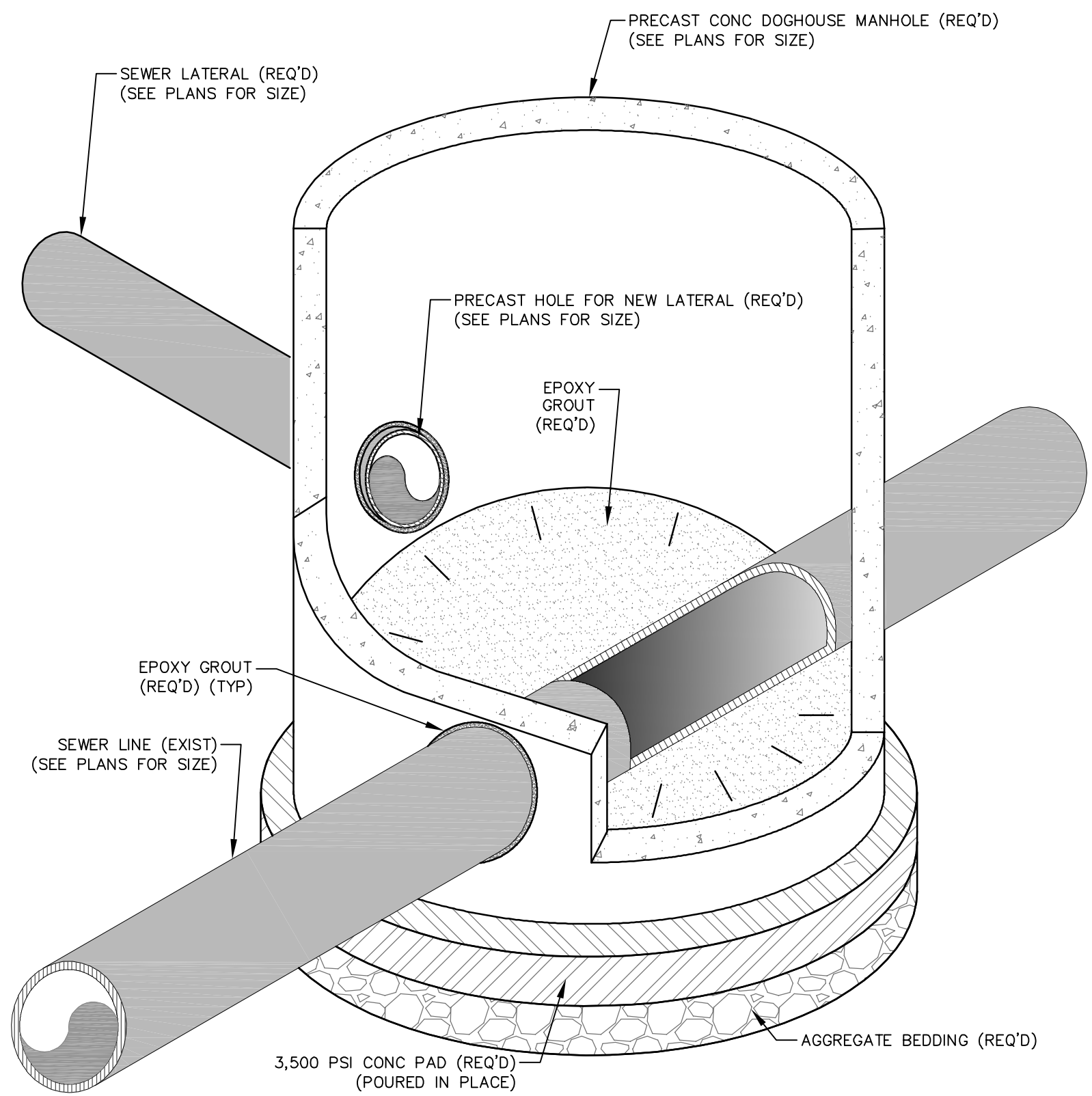
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Date: 12-11-2017	Working No. <u>SSD1</u>	
Drawing No.: 1273-S010	Sheet No. <u>63</u>	

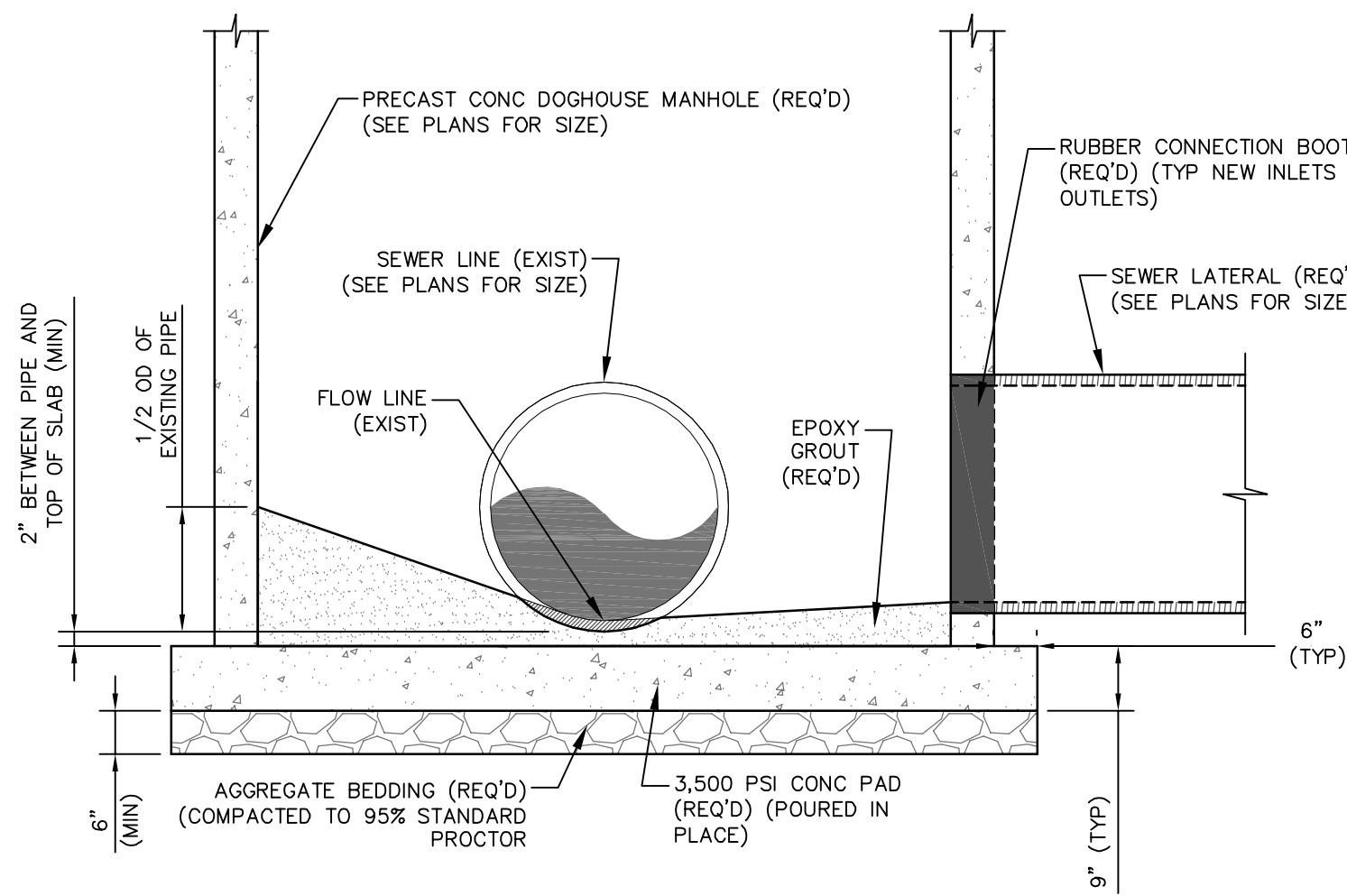


ISOMETRIC VIEW

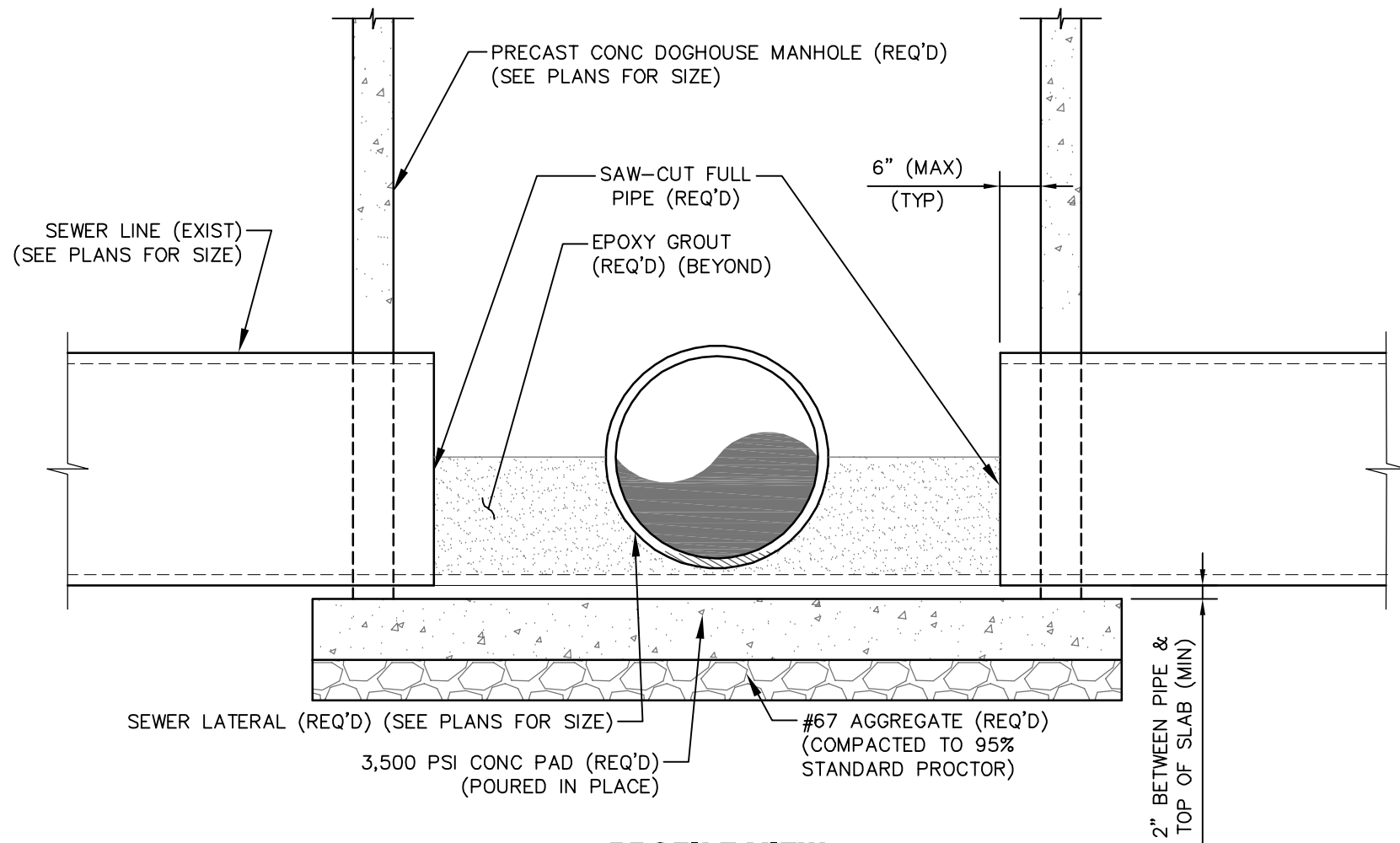
DOGHOUSE MANHOLE NOTES:

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.

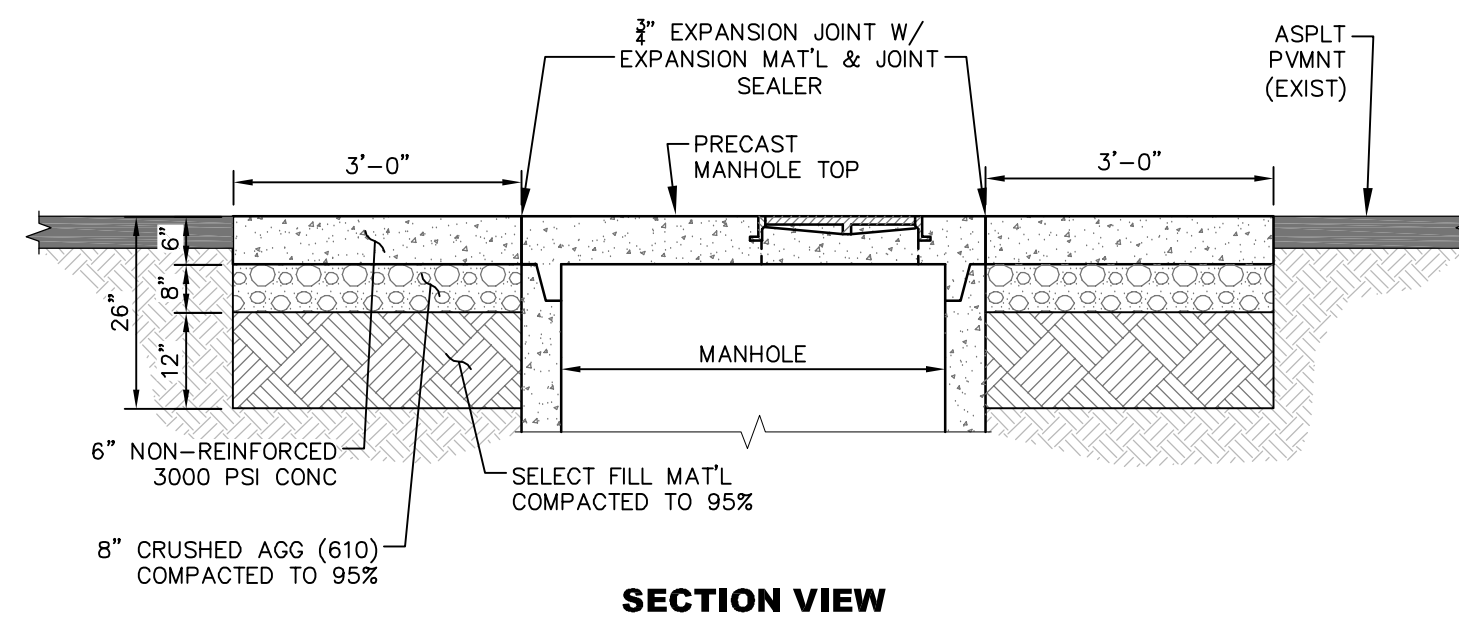


SECTION VIEW

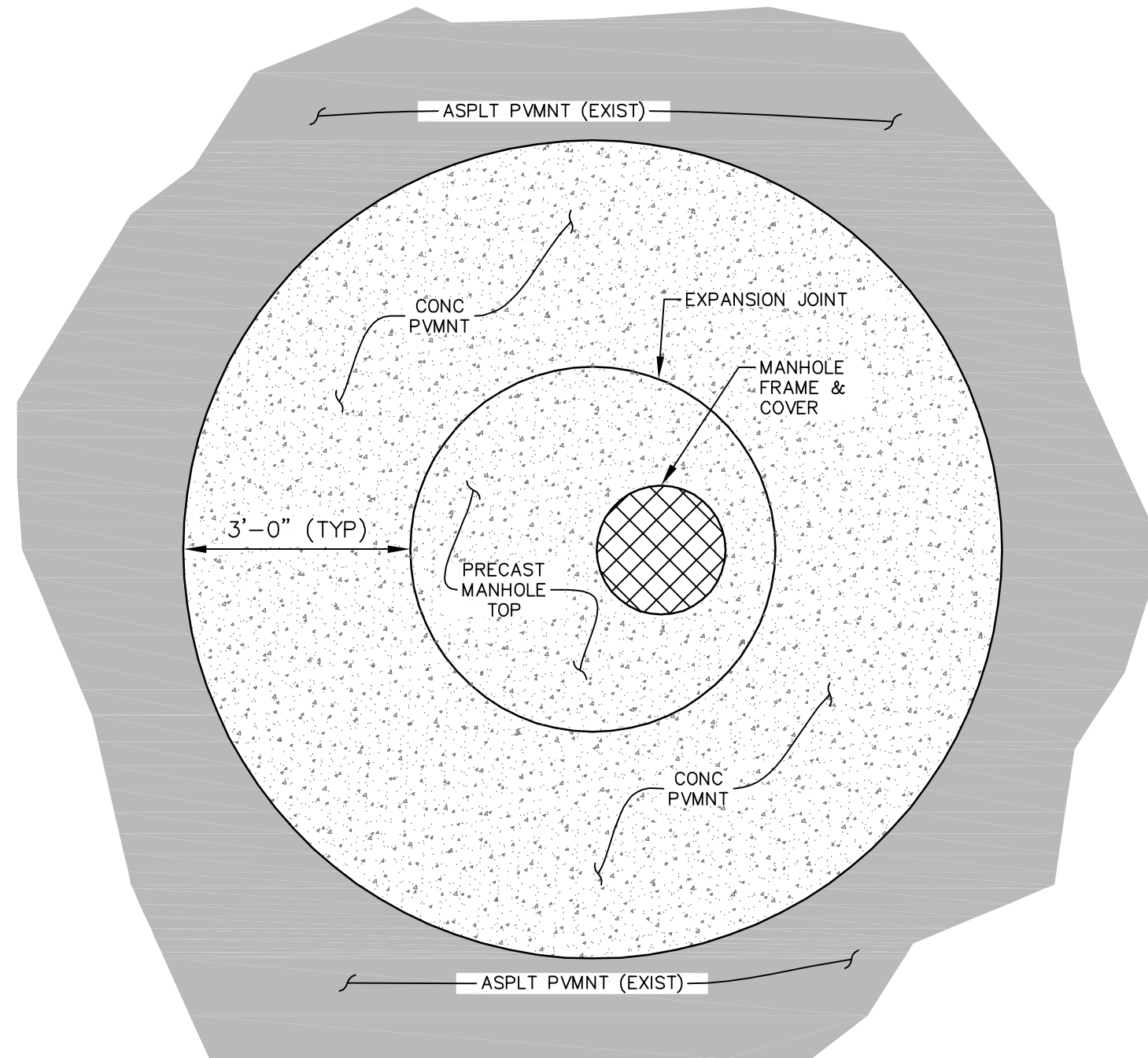


PROFILE VIEW

DOGHOUSE MANHOLE DETAIL

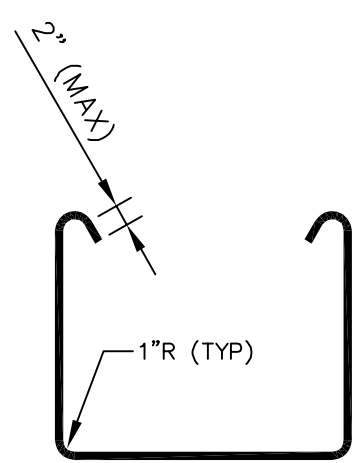


SECTION VIEW

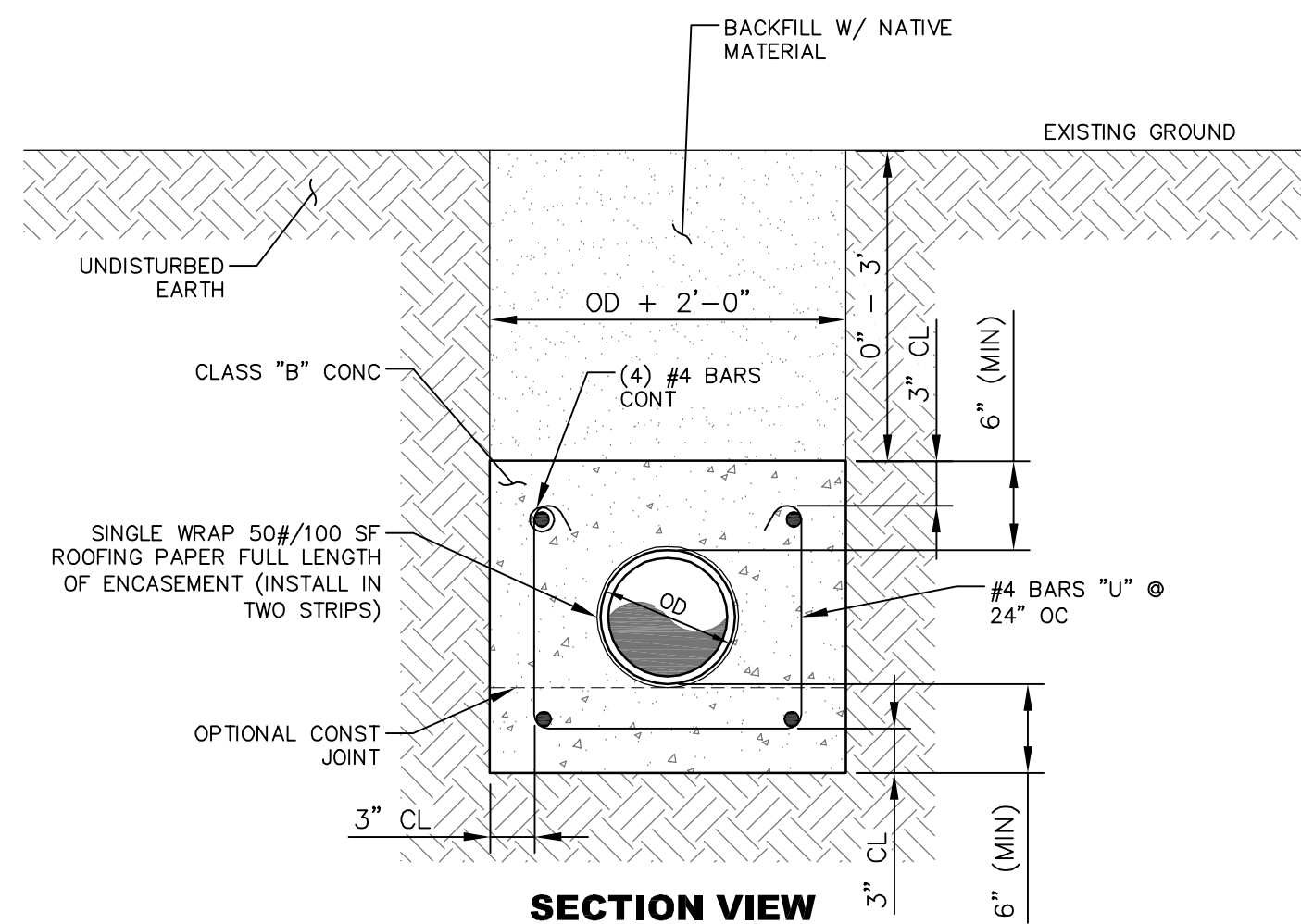


PLAN VIEW

TYPICAL ADDITIONAL PAVING DETAIL @ FLAT TOP MANHOLE

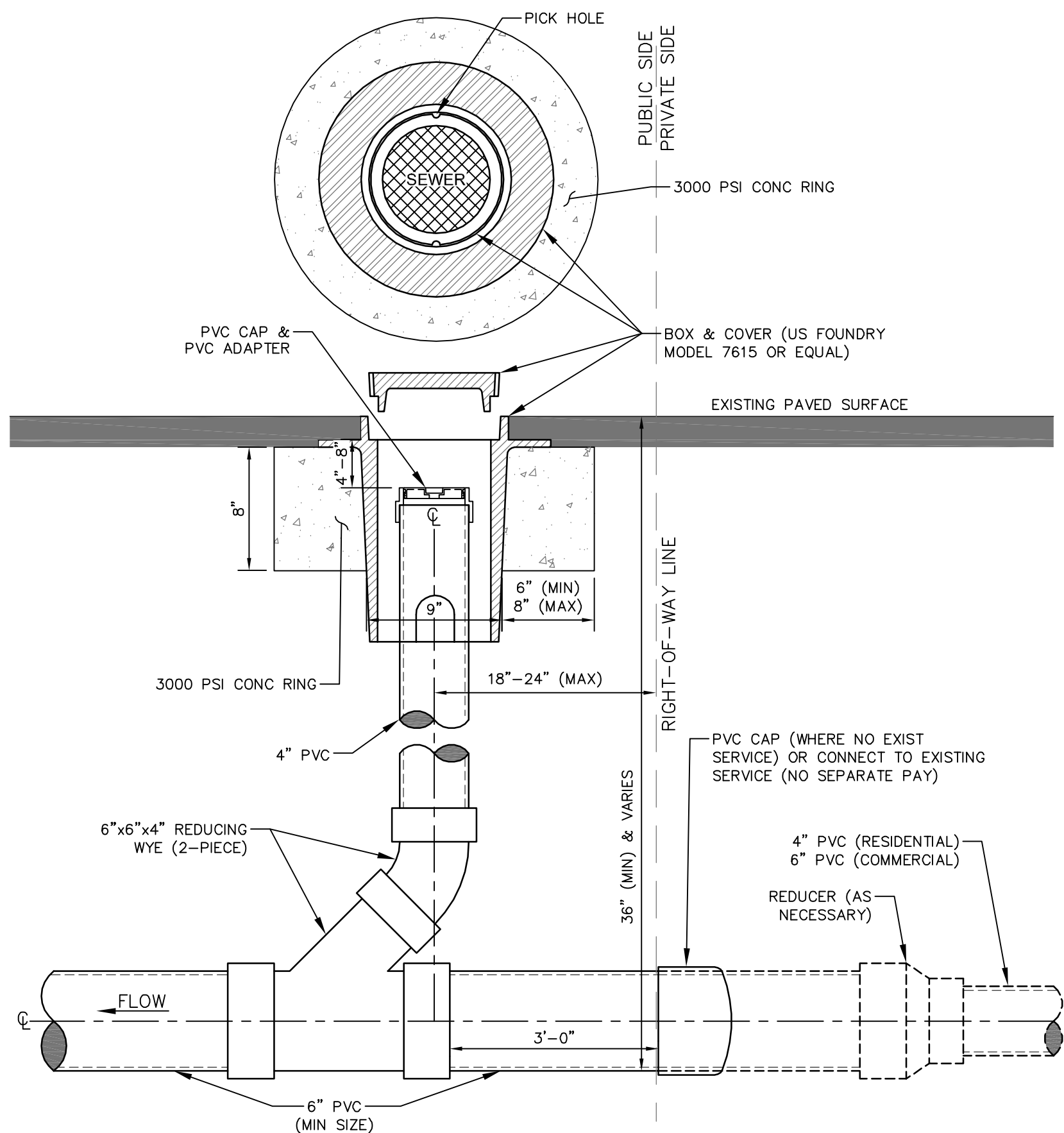


BAR "U" DETAIL



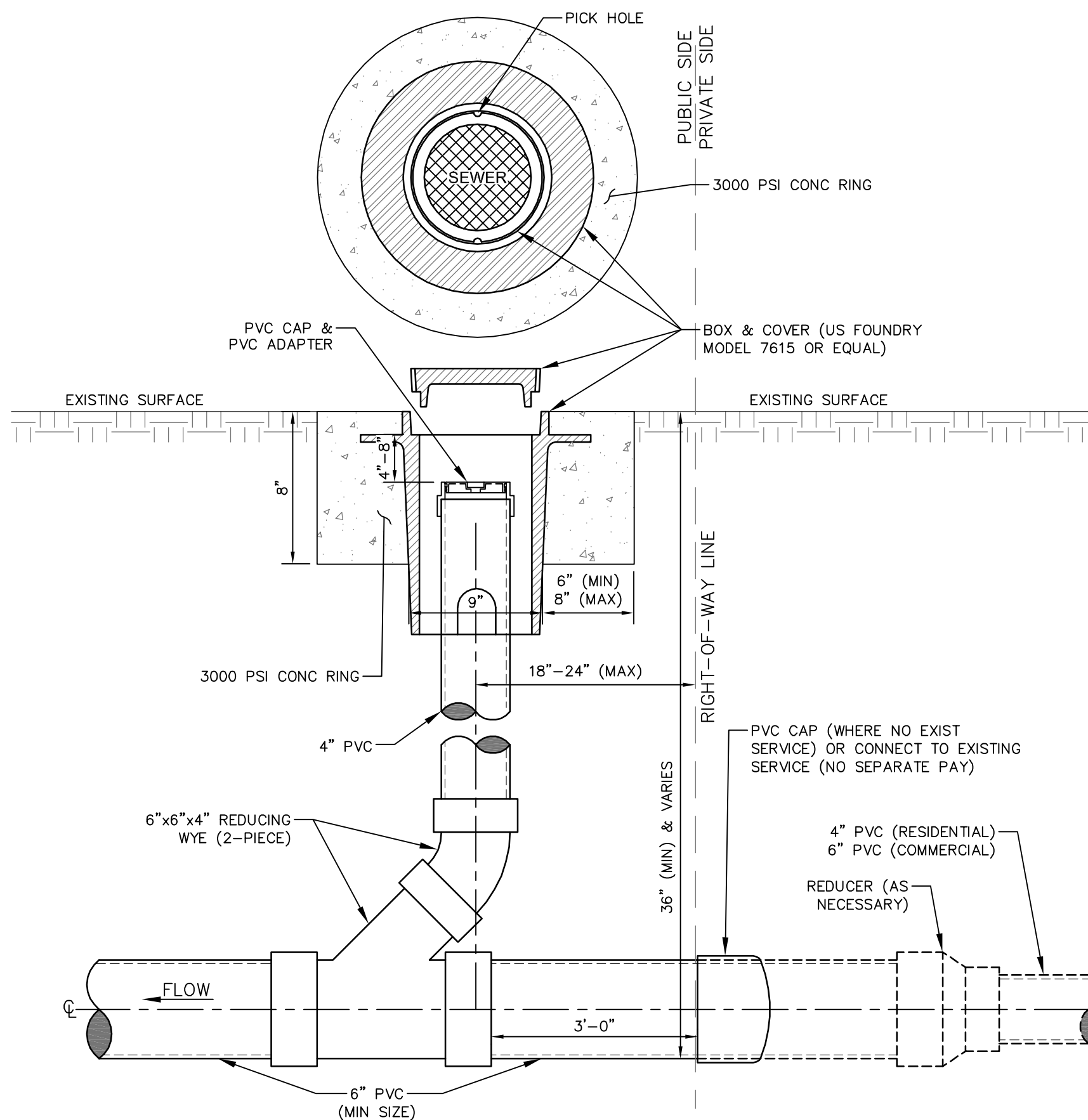
SECTION VIEW

CONCRETE ENCASEMENT FOR LOW COVER DETAIL



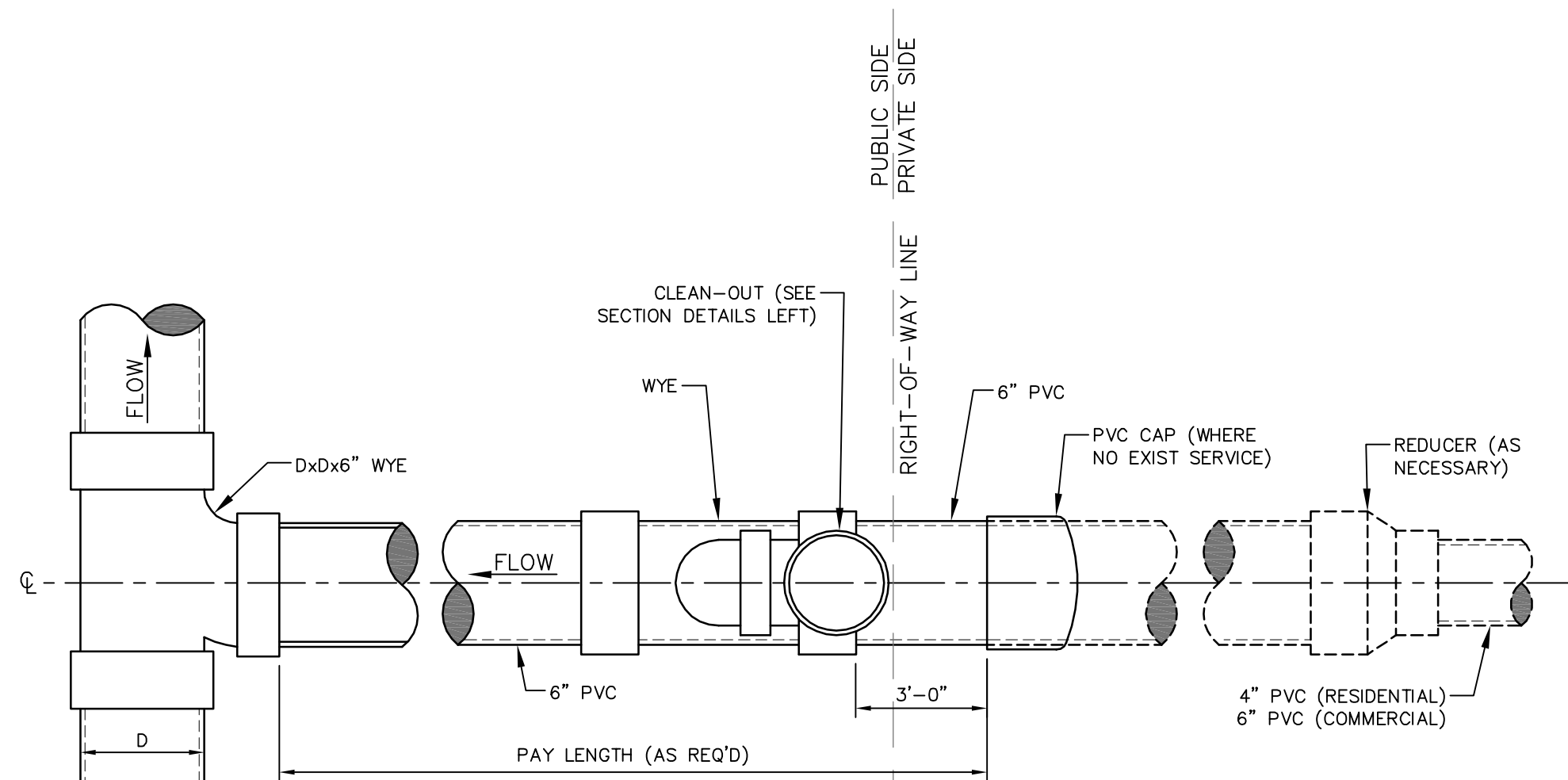
SANITARY SEWER CLEANOUT DETAIL - SECTION VIEW

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.

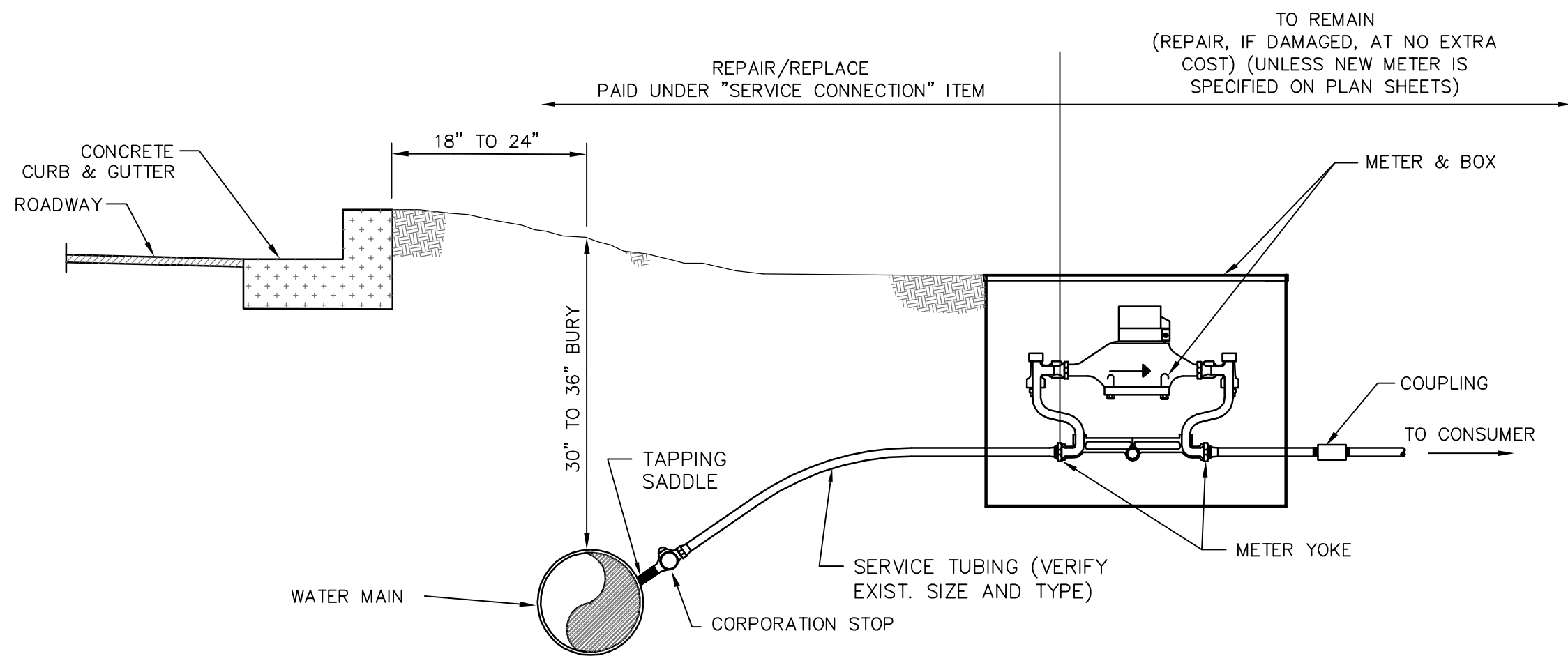
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SEWER INSTALLATION DETAILS

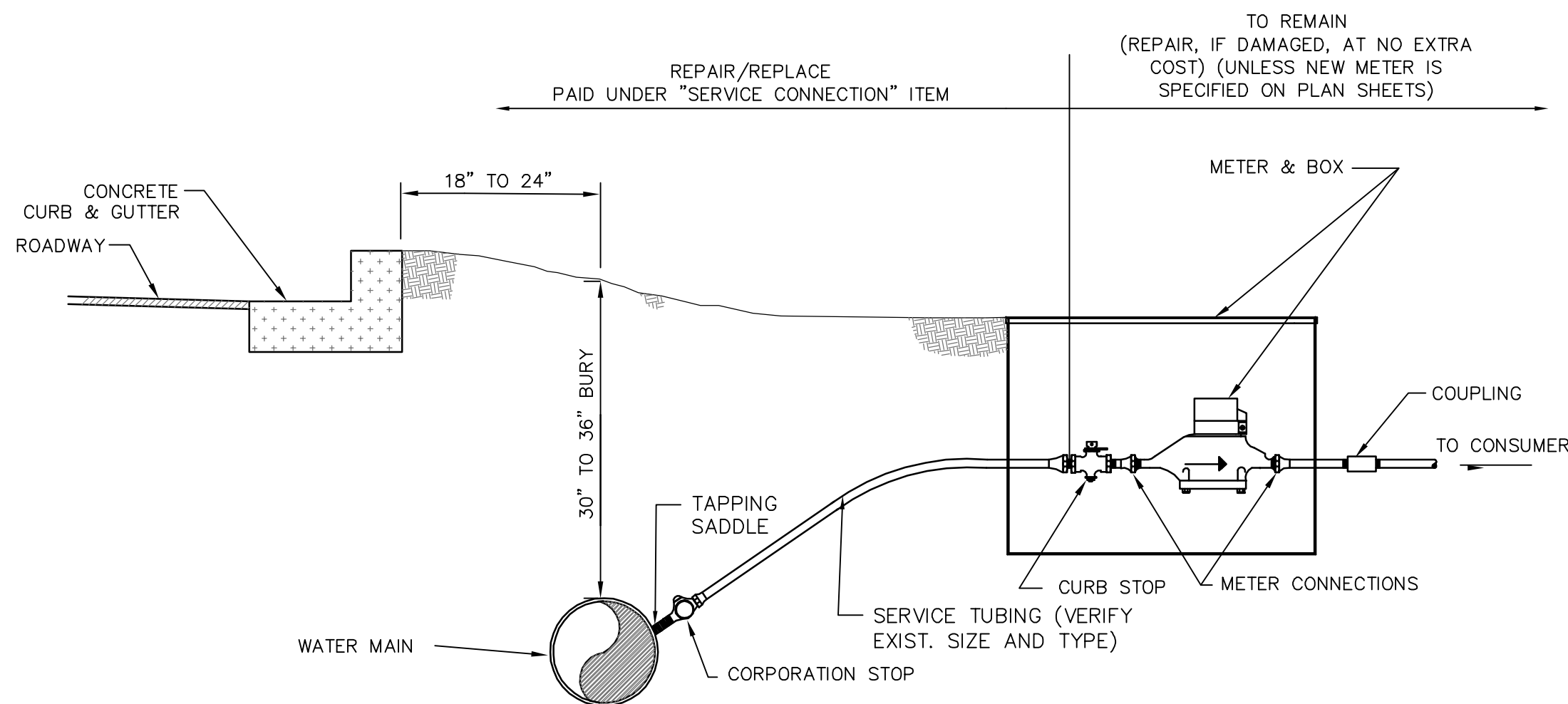
COMSWIP SEWER PROJECT PHASE VIII
CITY OF HATTIESBURG
FORREST COUNTY, MISSISSIPPI

sdw Engineering Progress 301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
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Date:	12-11-2017	Working No.:	SSD2
Drawing No.:	1273-S010	Sheet No.:	64

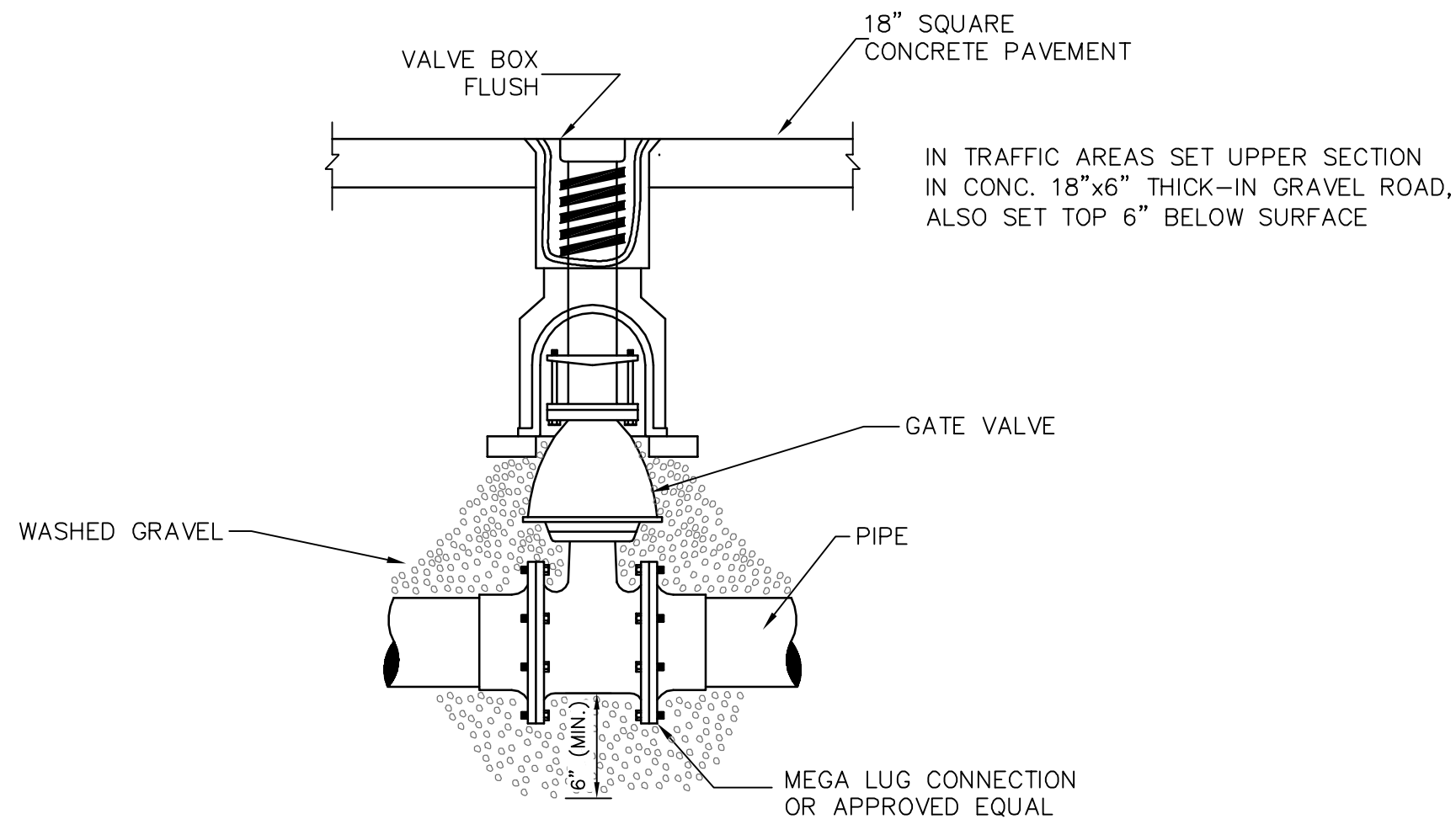
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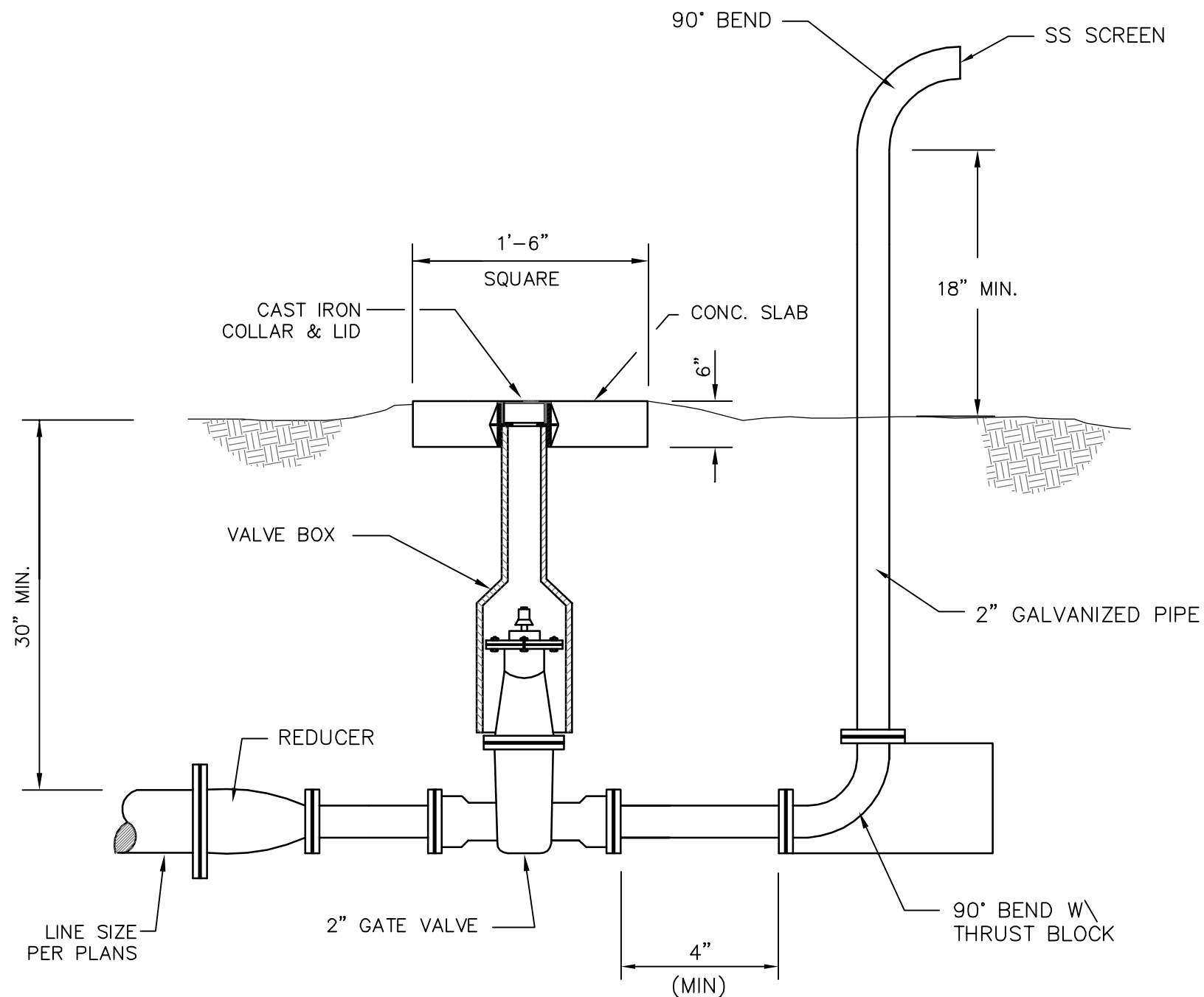
**TYPICAL METER SETTING WITH YOKE
(PREFERRED)**



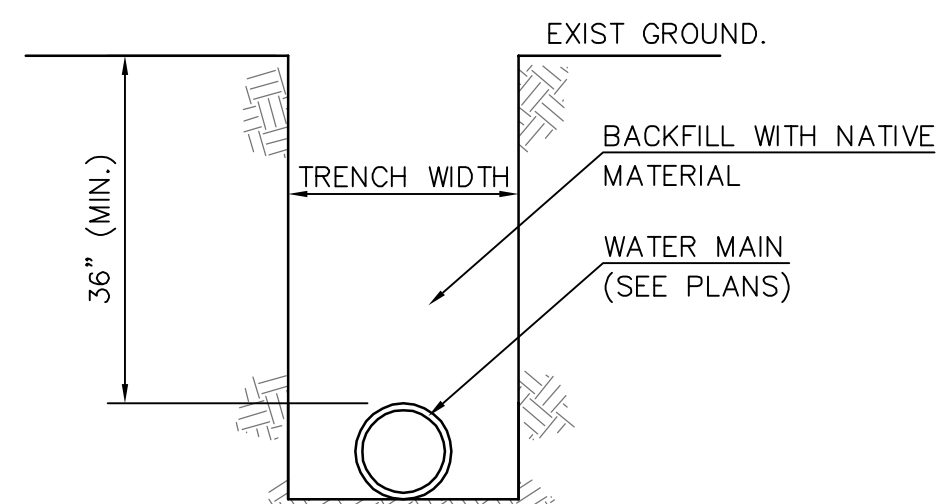
TYPICAL METER SETTING WITHOUT YOKE



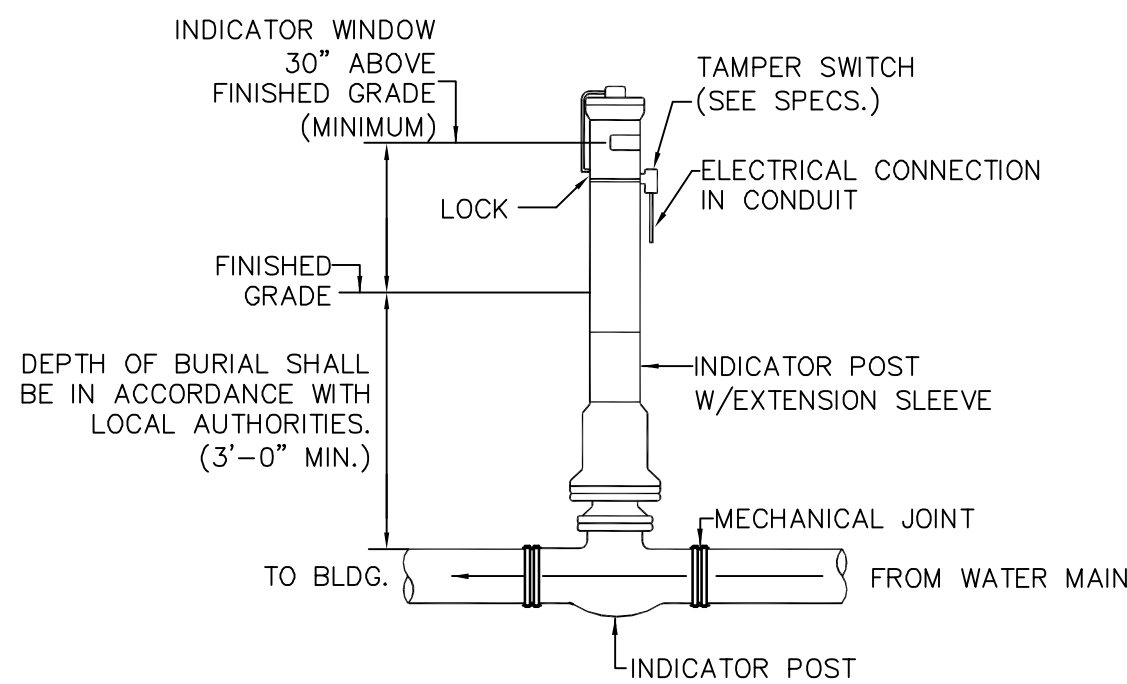
DETAIL OF VALVE & BOX



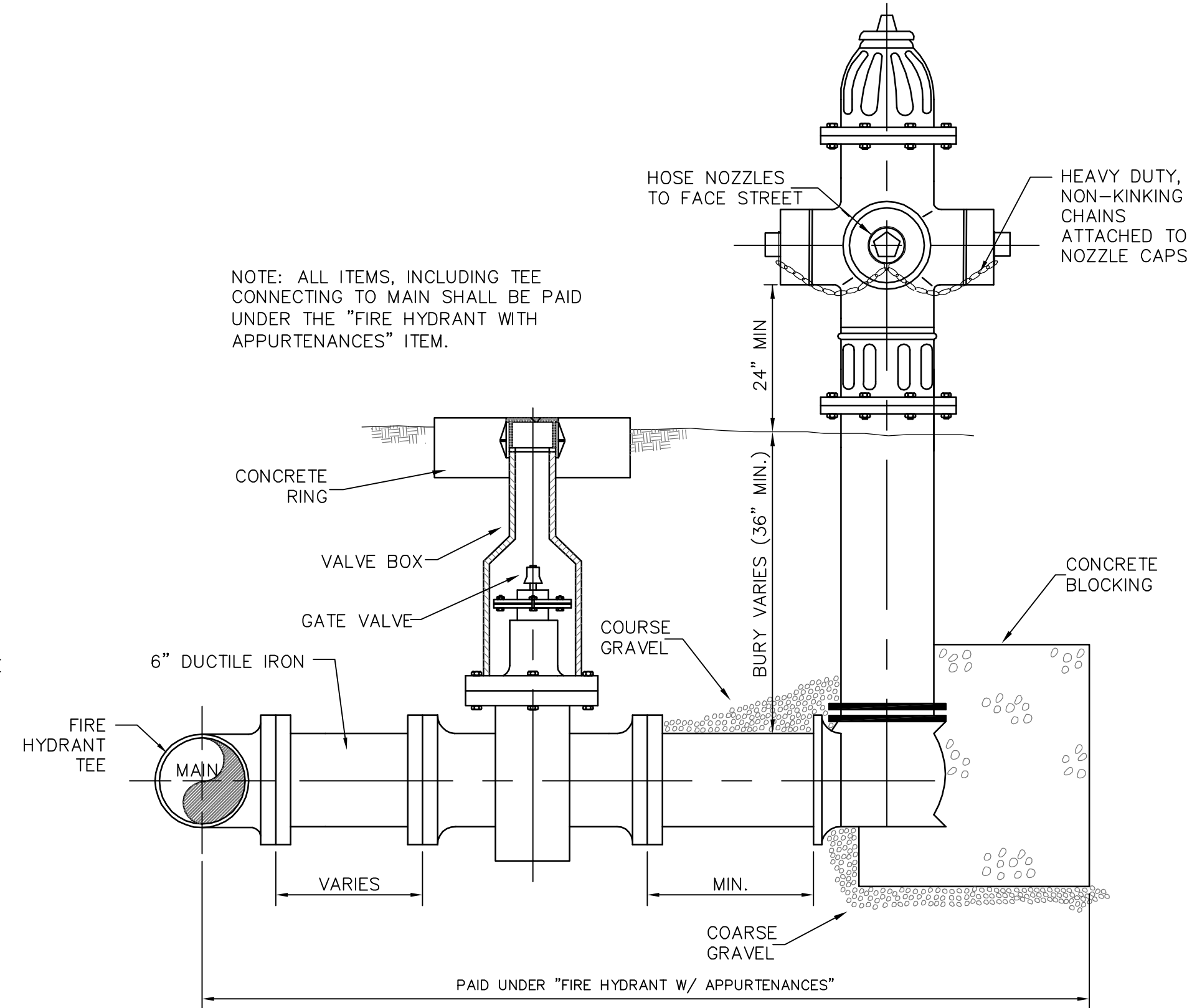
BLOW-OFF VALVE DETAIL



DETAIL OF TRENCH

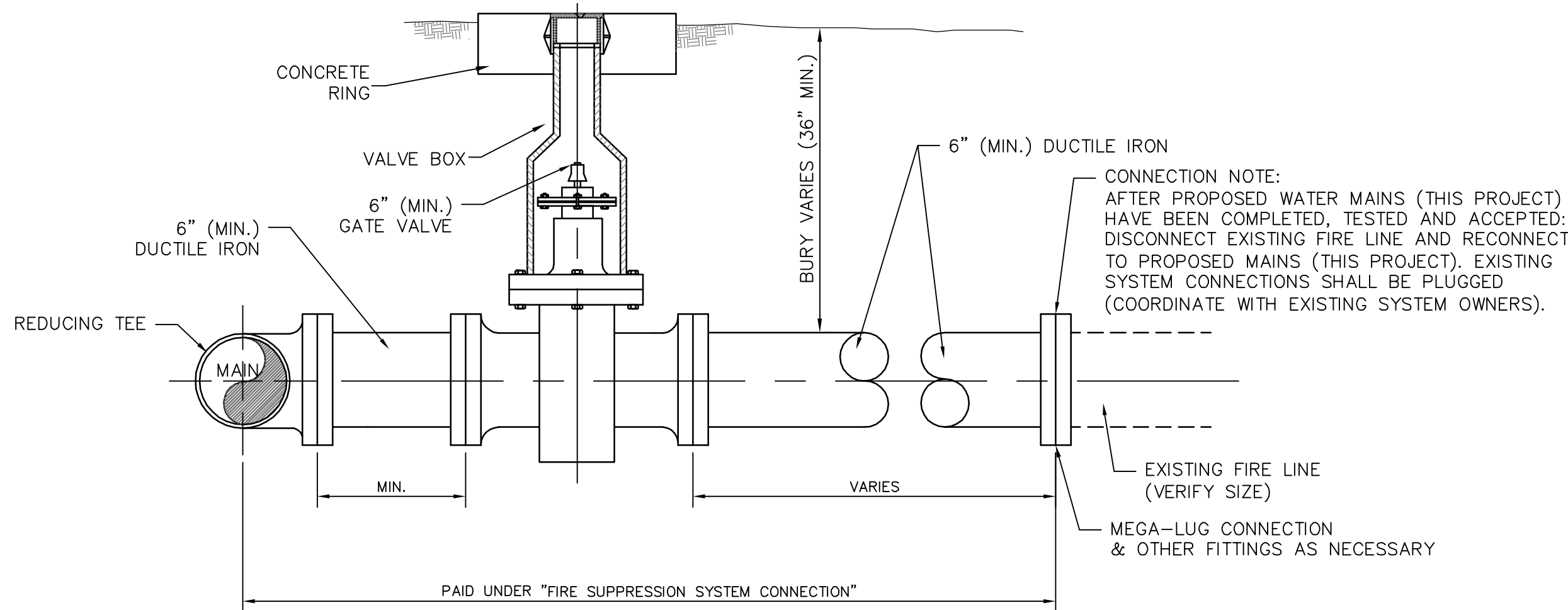


POST INDICATOR VALVE DETAIL



STANDARD 3-WAY FIRE HYDRANT

NOTE: ALL ITEMS, INCLUDING TEE CONNECTING TO MAIN, VALVE, PIPE, CONNECTION TO EXITING FIRE LINE AND DISCONNECTION OF EXISTING FIRE LINE FROM EXISTING SYSTEM MAIN SHALL BE PAID UNDER THE "FIRE SUPPRESSION SYSTEM CONNECTION" ITEM.

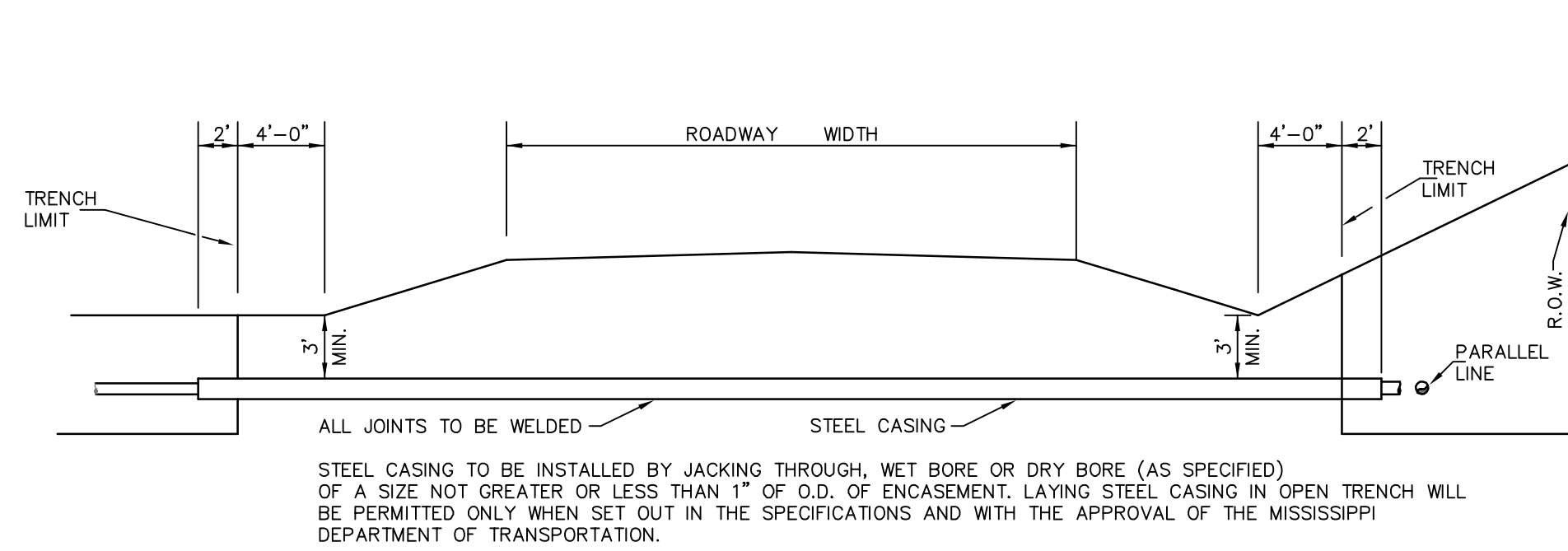


FIRE SUPPRESSION SYSTEM CONNECTION

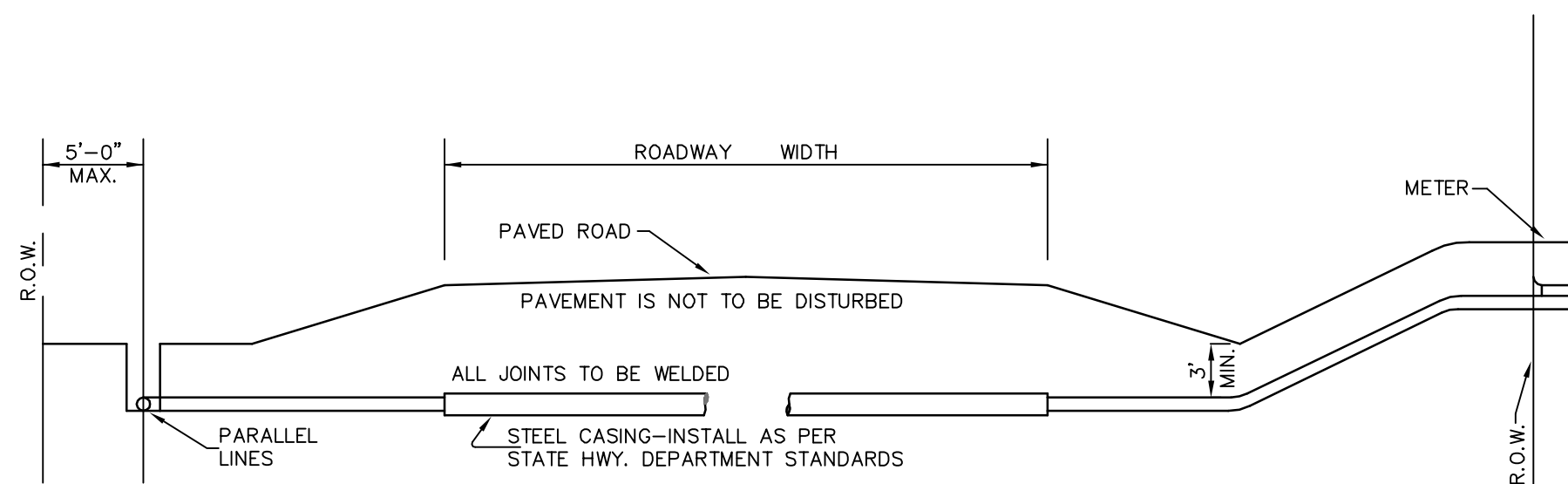
PIV NOTES:

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.

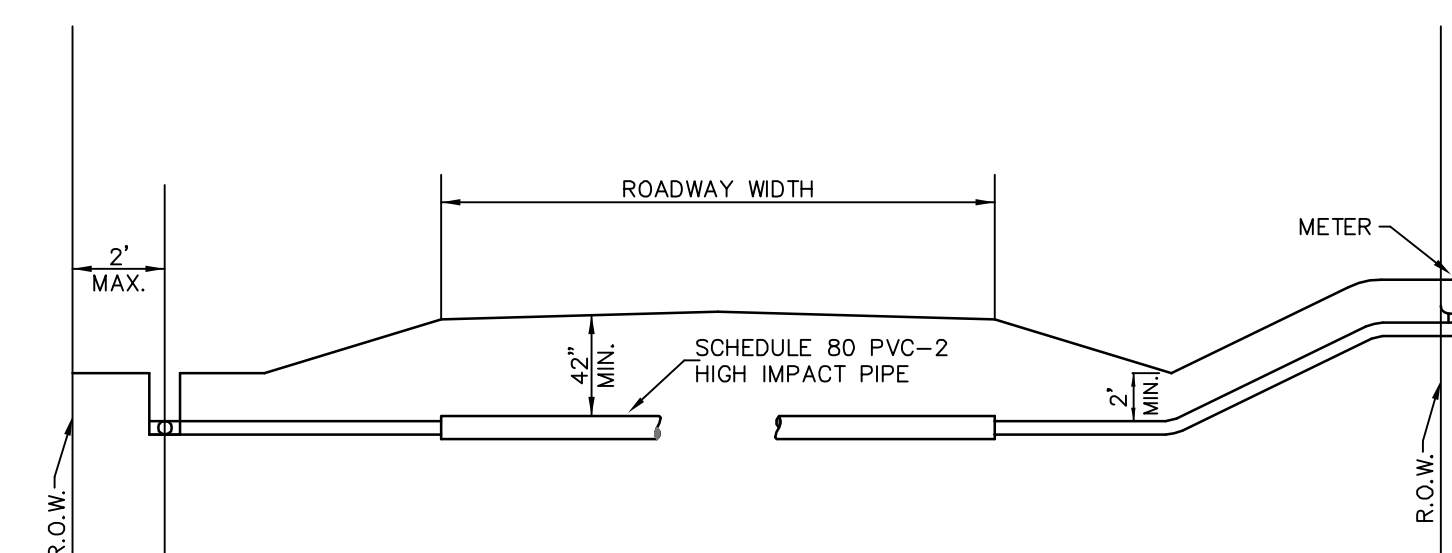
NO.	DATE	DESCRIPTION	BY
WATER INSTALLATION DETAILS			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
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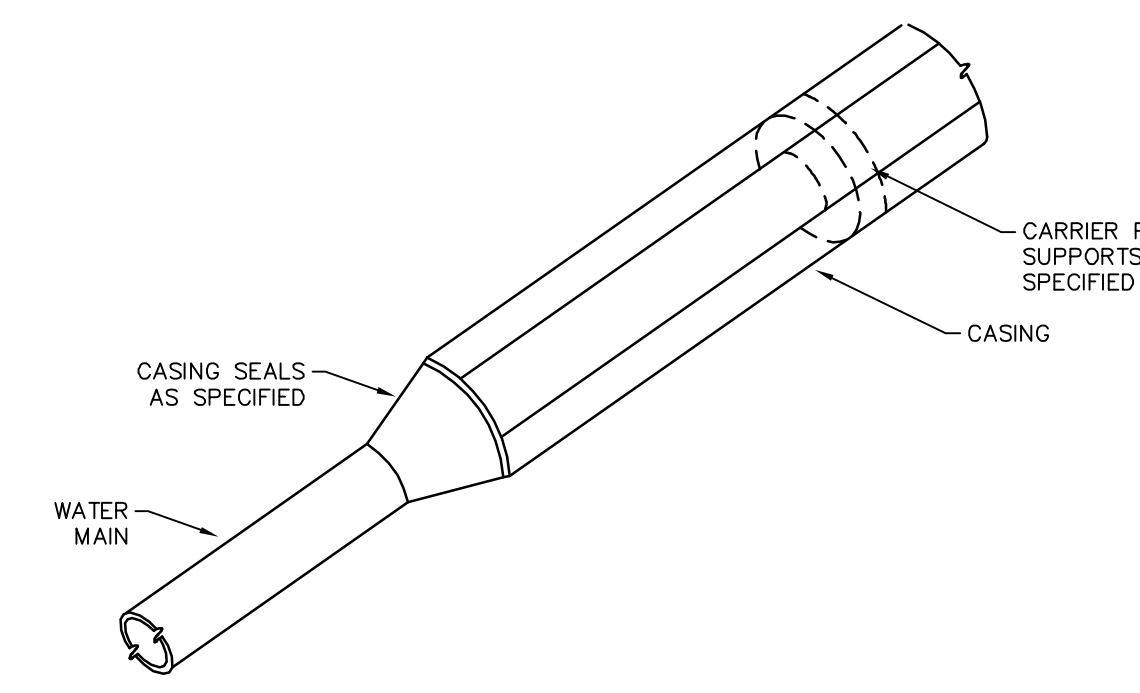
HIGHWAY CROSSING & WATER LINE PARALLELING HWY. IN R.O.W.



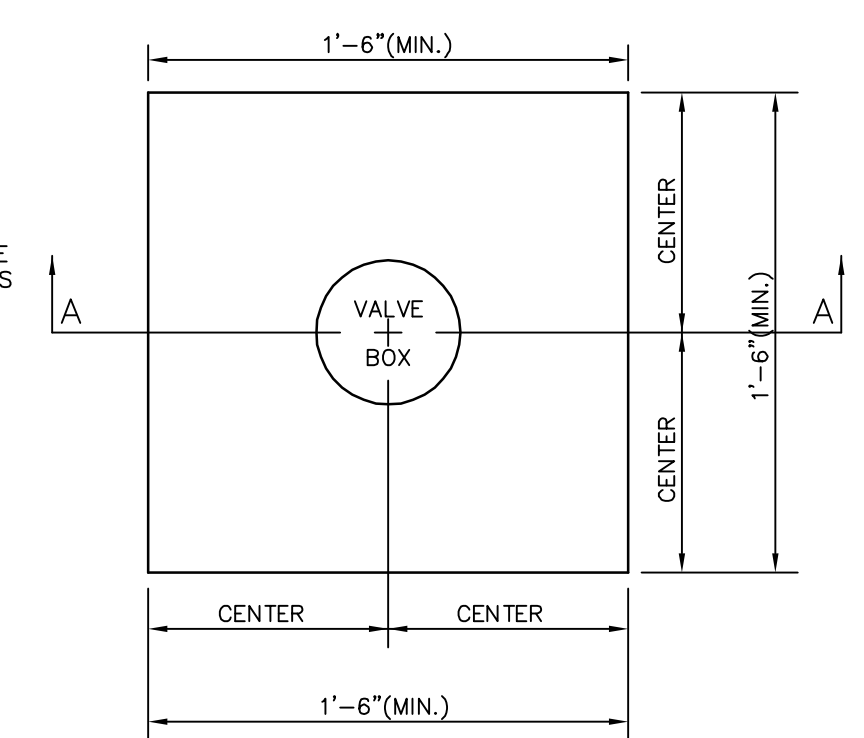
ROAD BORE & WATER LINE PARALLELING ROAD IN R.O.W.



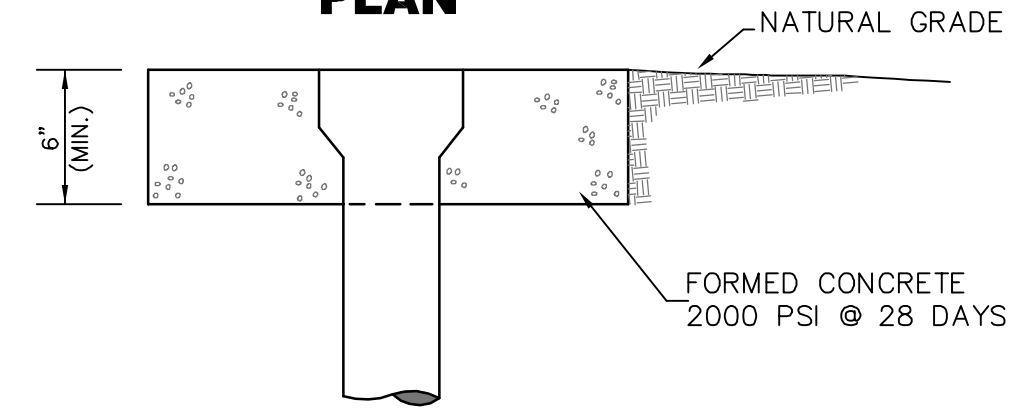
COUNTY GRAVEL ROAD & WATER LINE PARALLELING ROAD IN R.O.W.



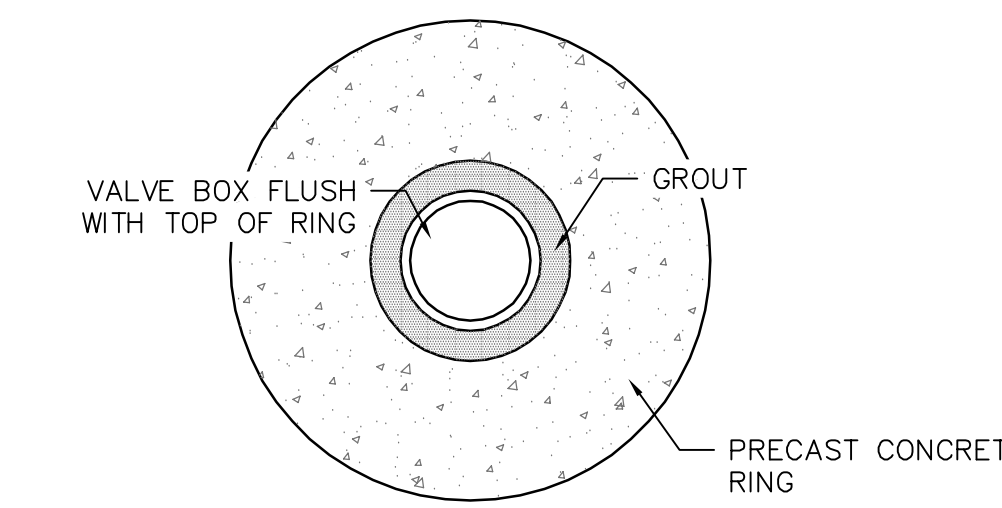
CASING END DETAIL



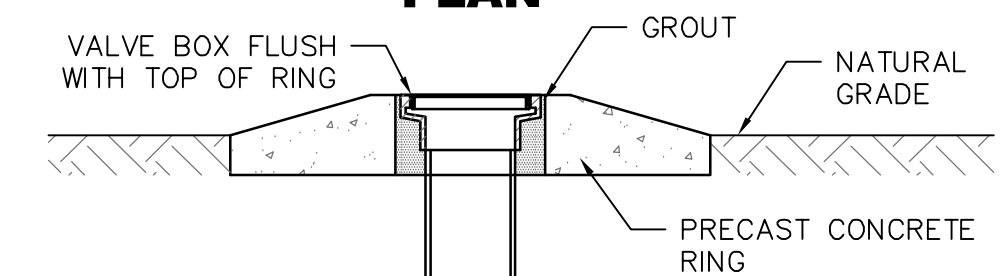
PLAN



SECTION VALVE LOCATION (PAVED AREA)

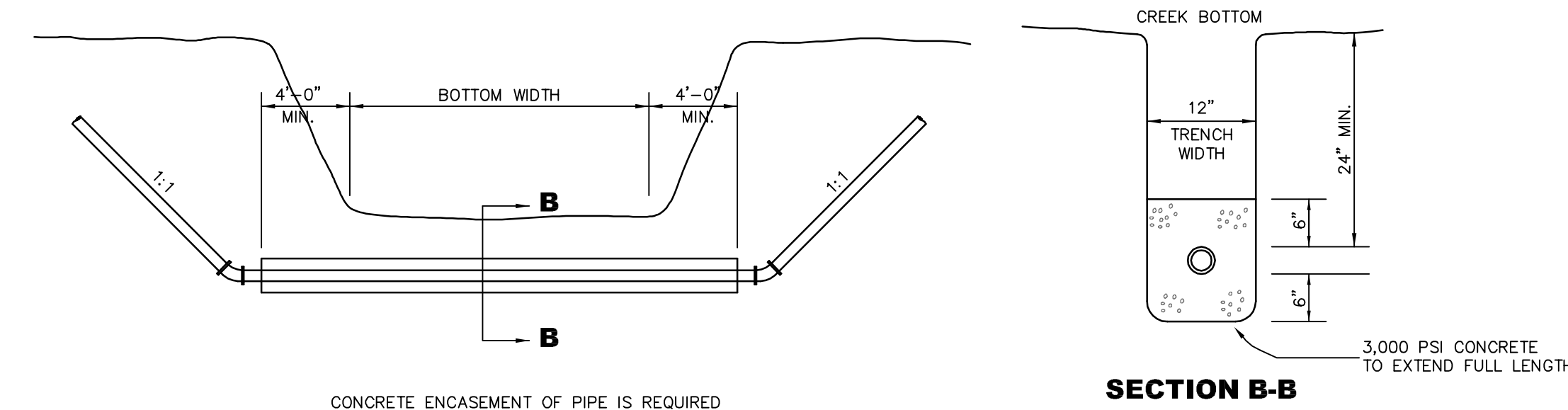


PLAN

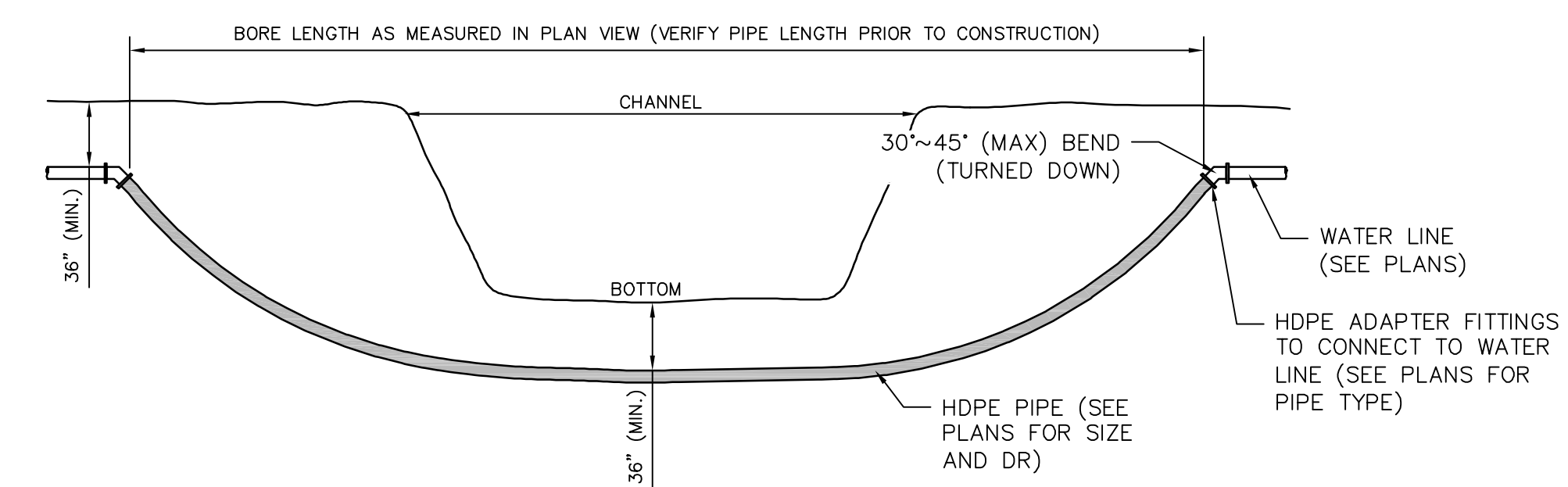


SECTION

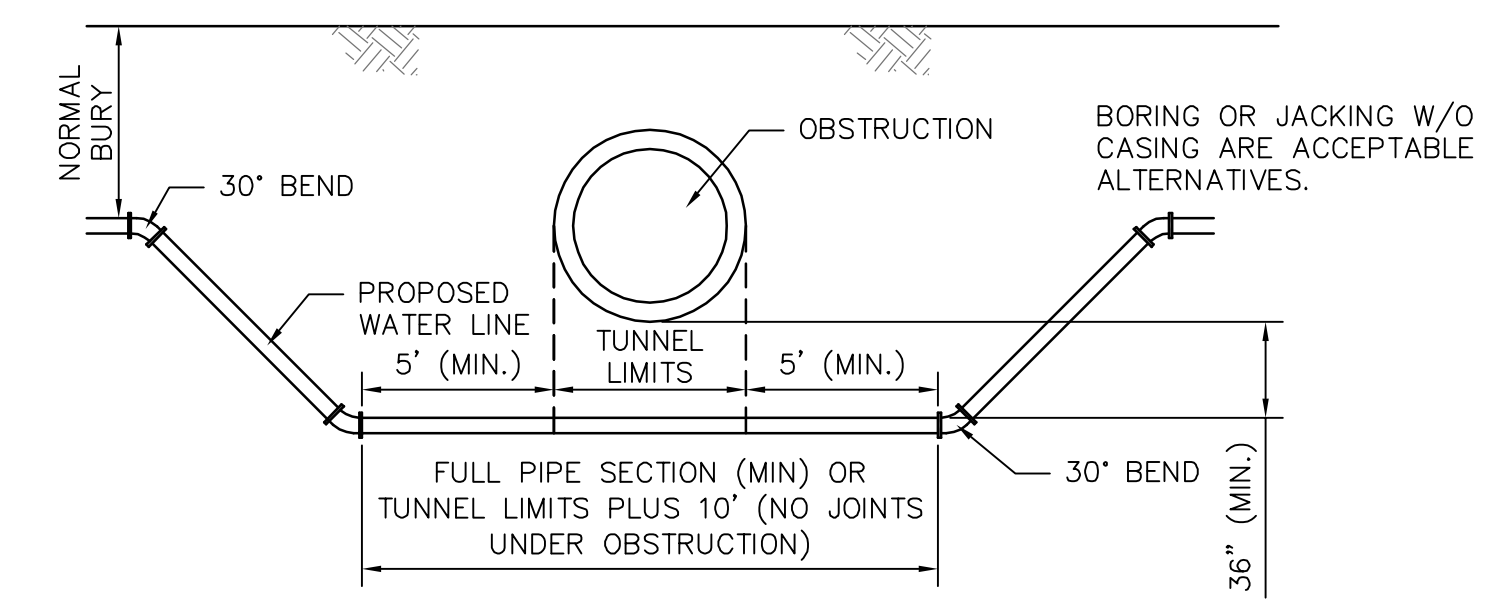
VALVE LOCATION (NON PAVED AREA)



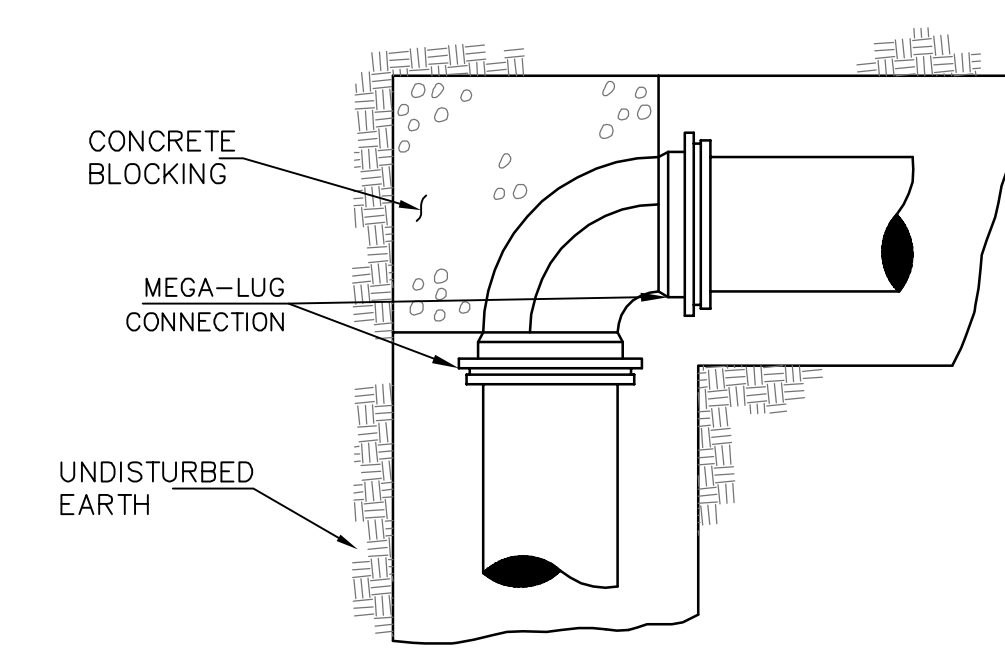
OPEN CUT CHANNEL CROSSING DETAIL



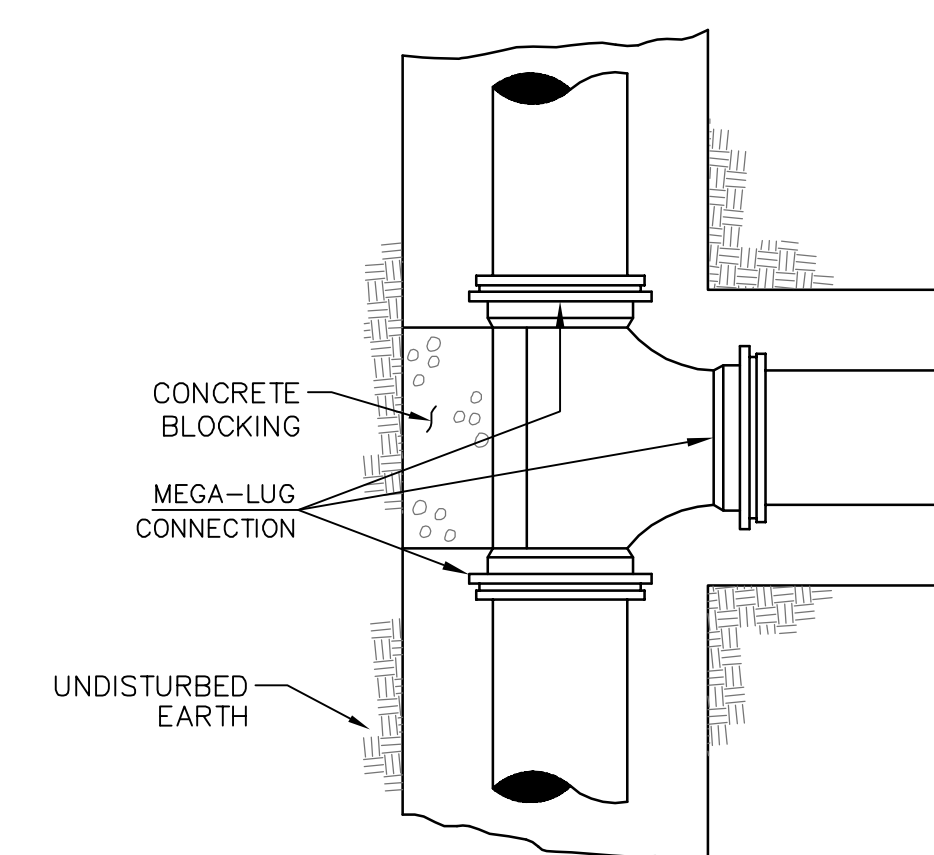
DIRECTIONAL BORED CHANNEL CROSSING DETAIL



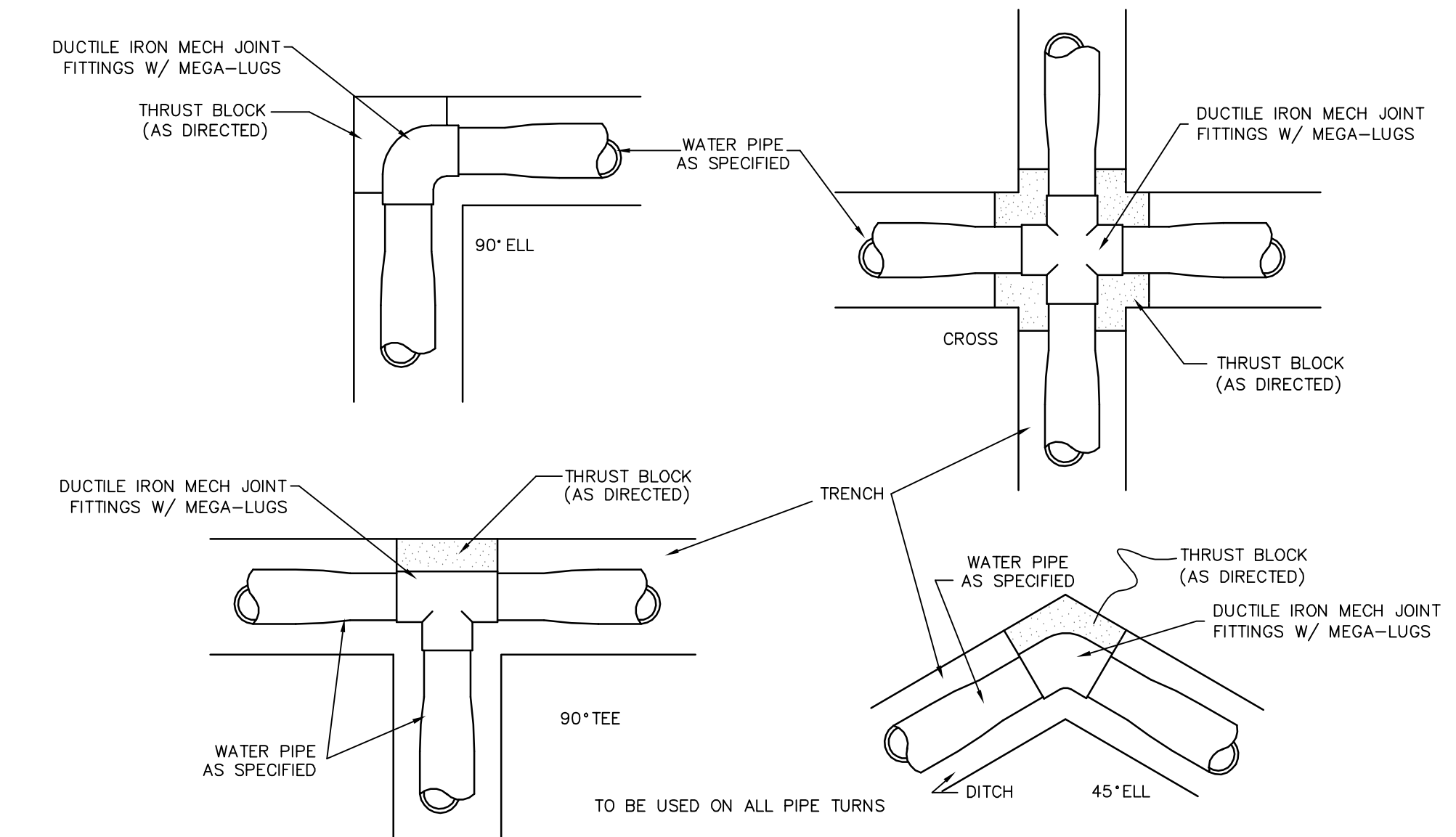
OBSTRUCTION CROSSING DETAIL



PLAN



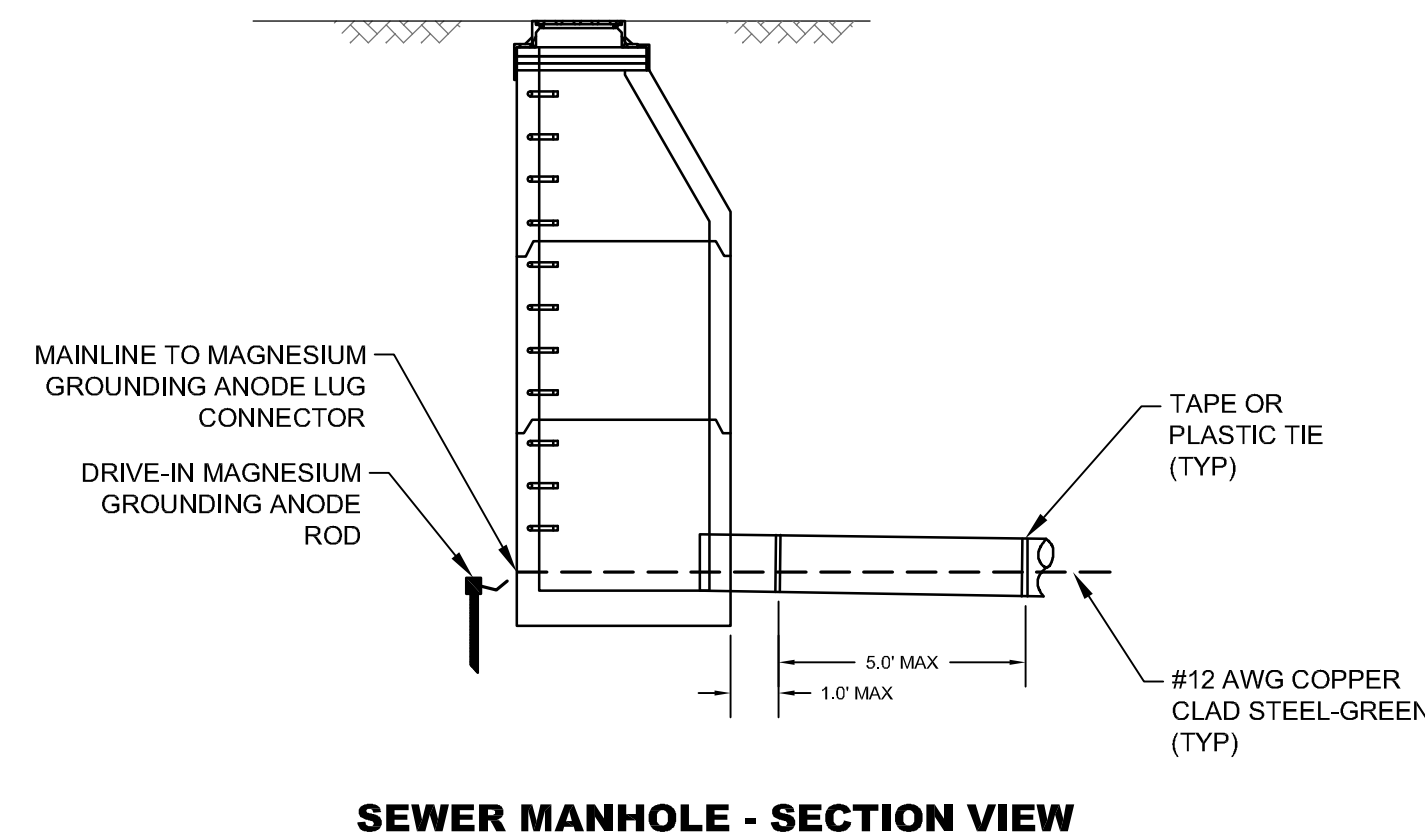
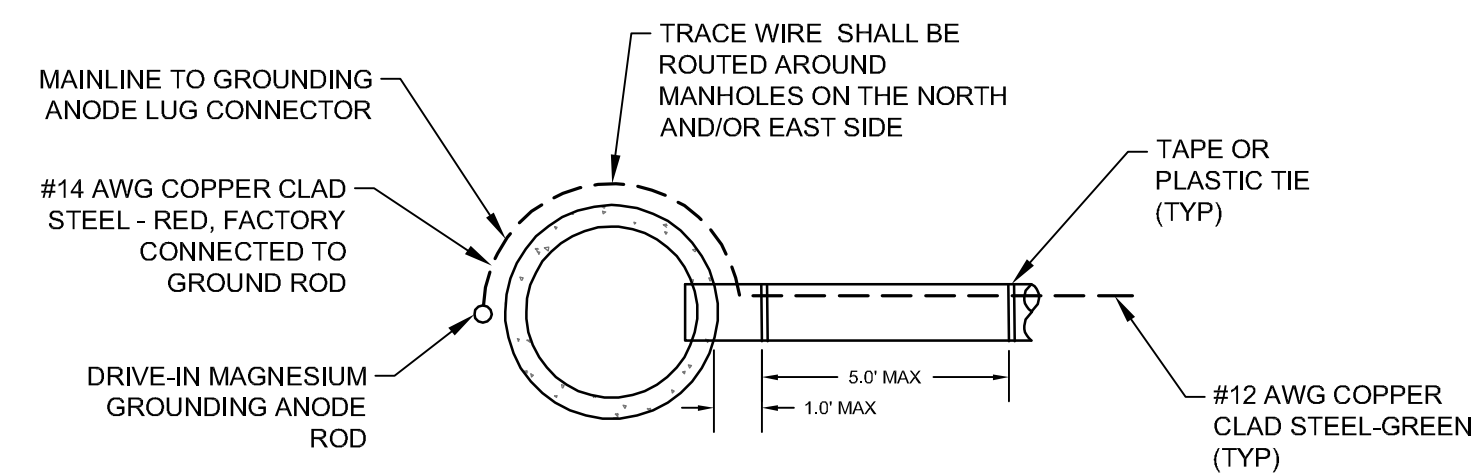
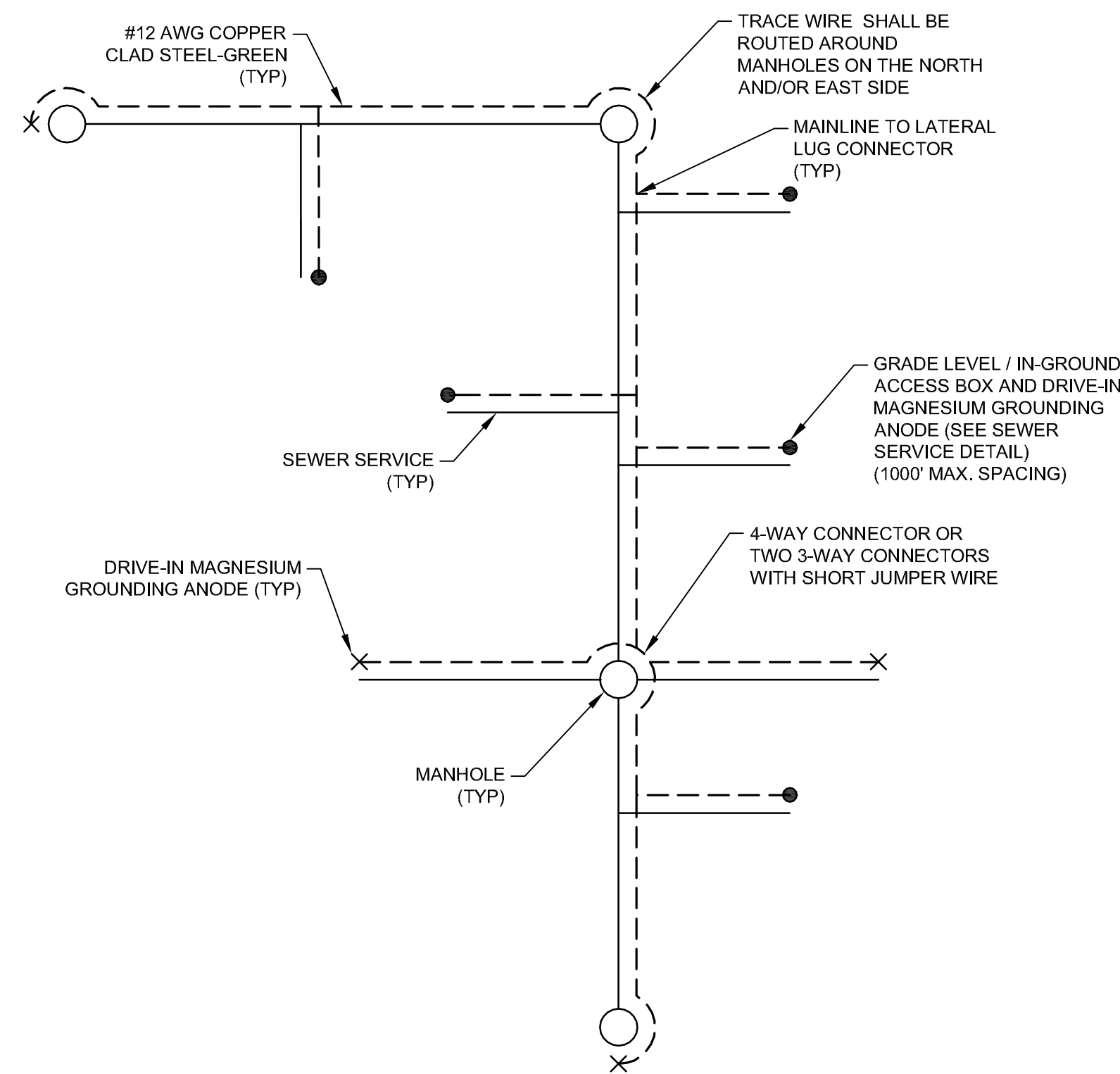
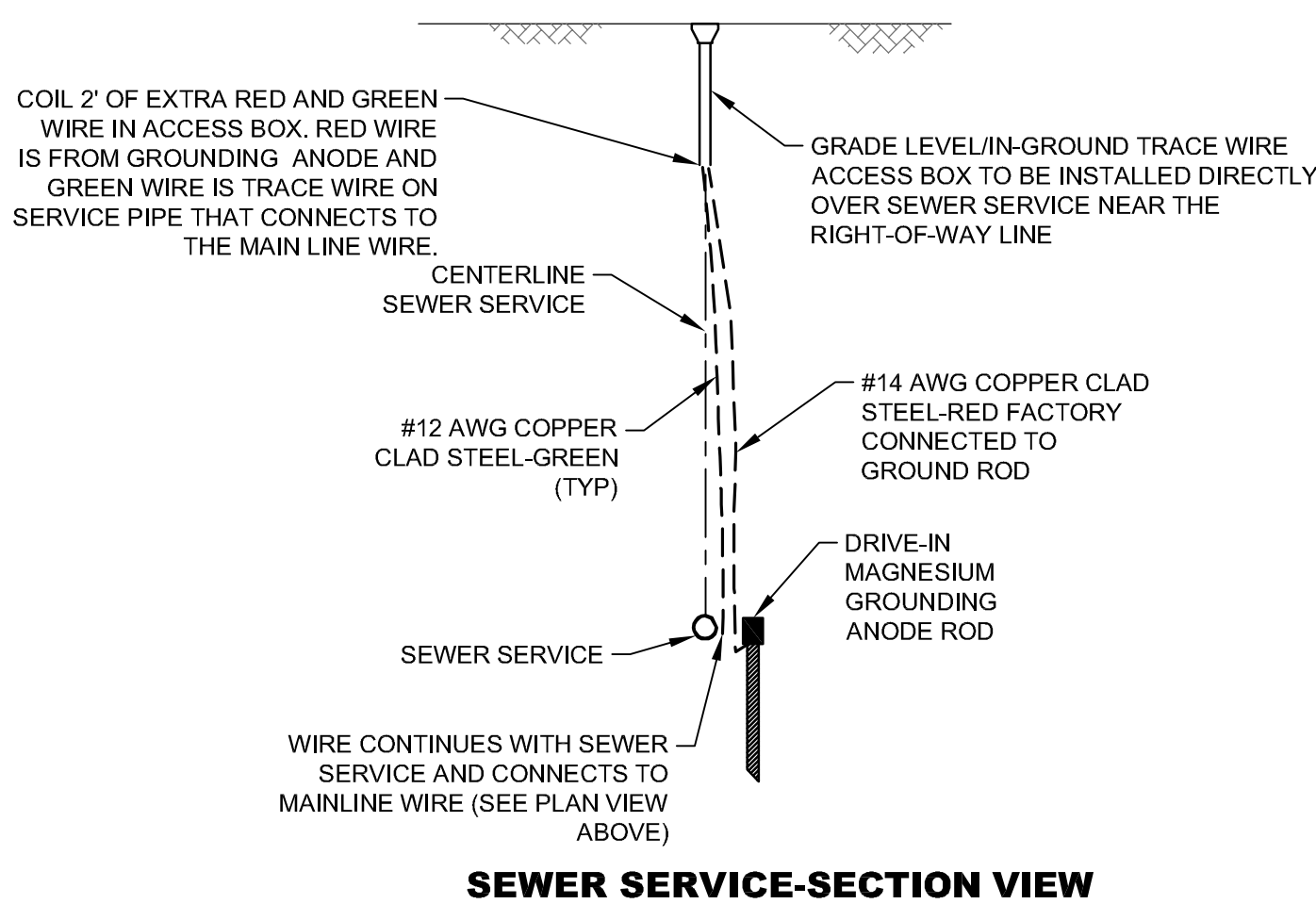
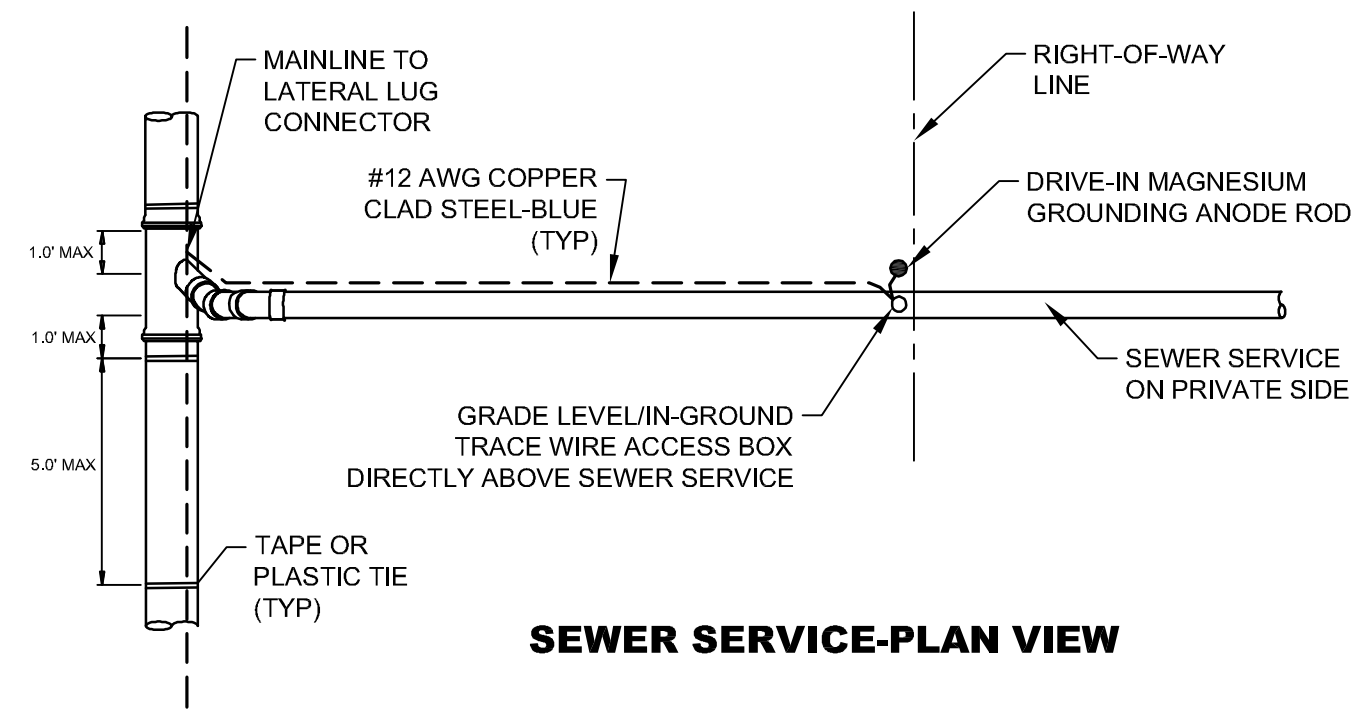
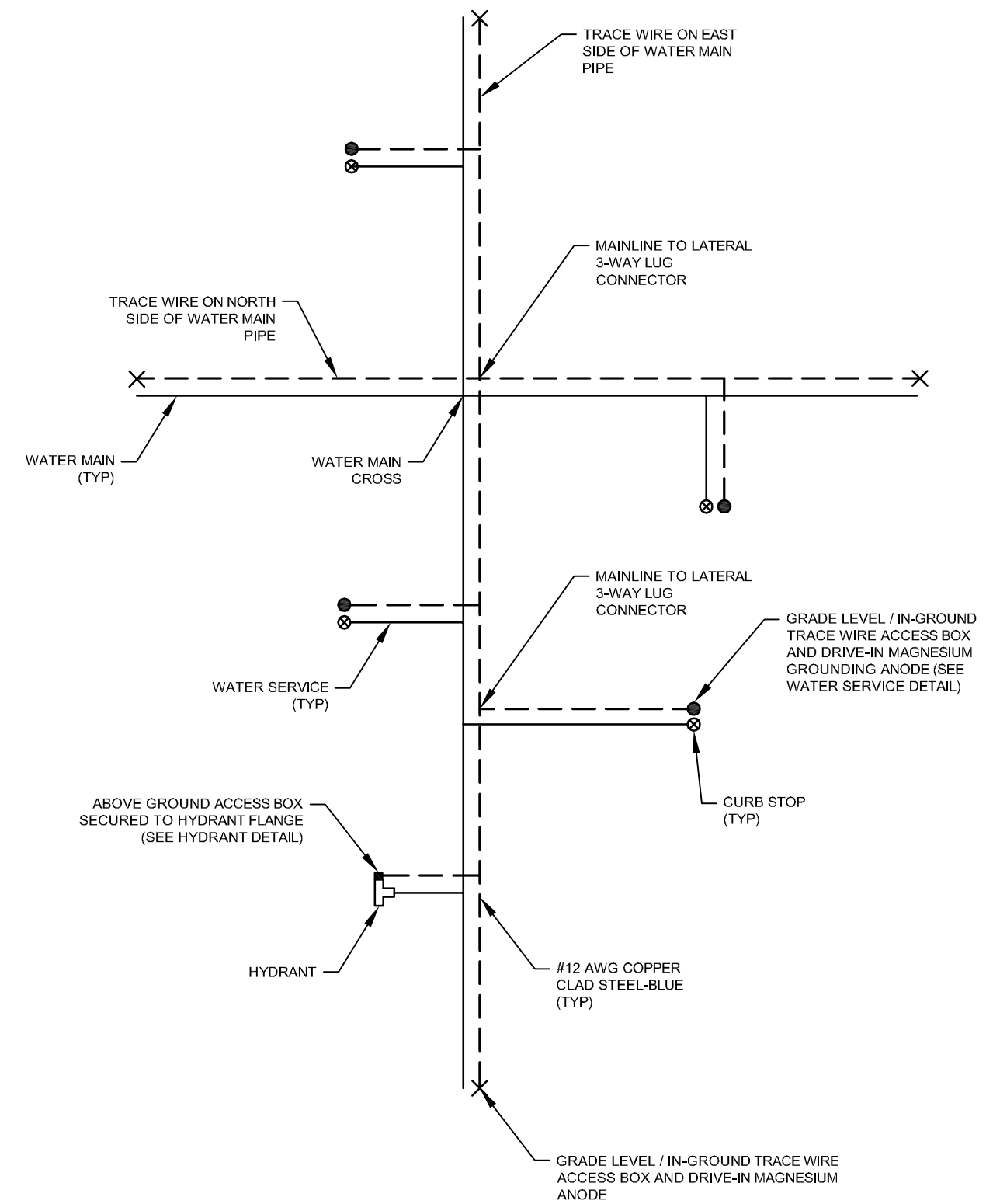
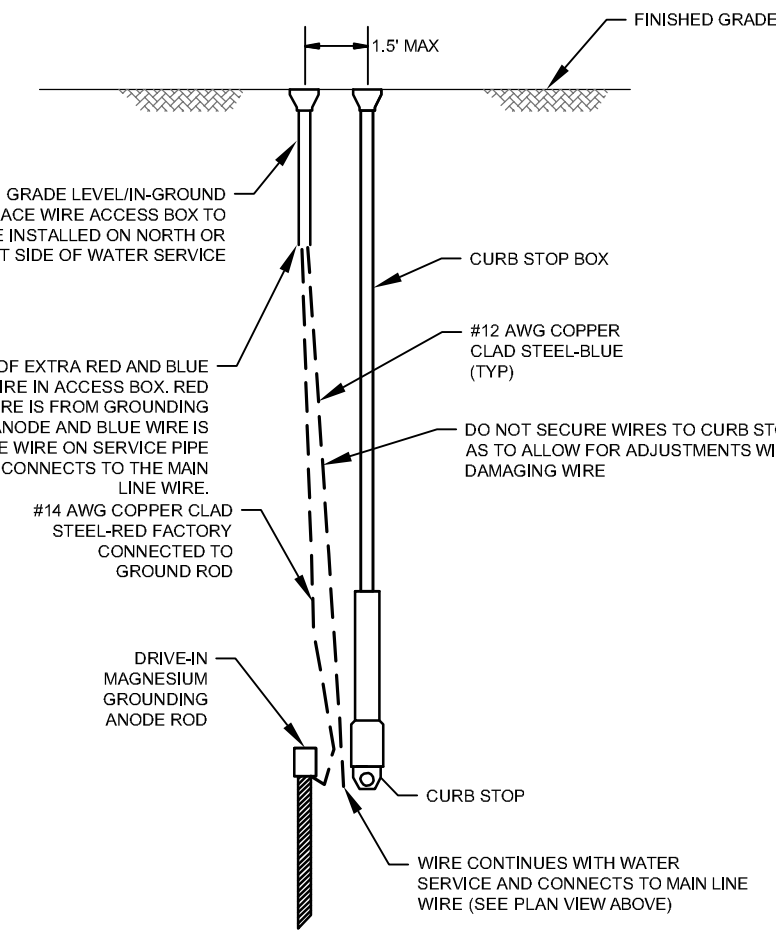
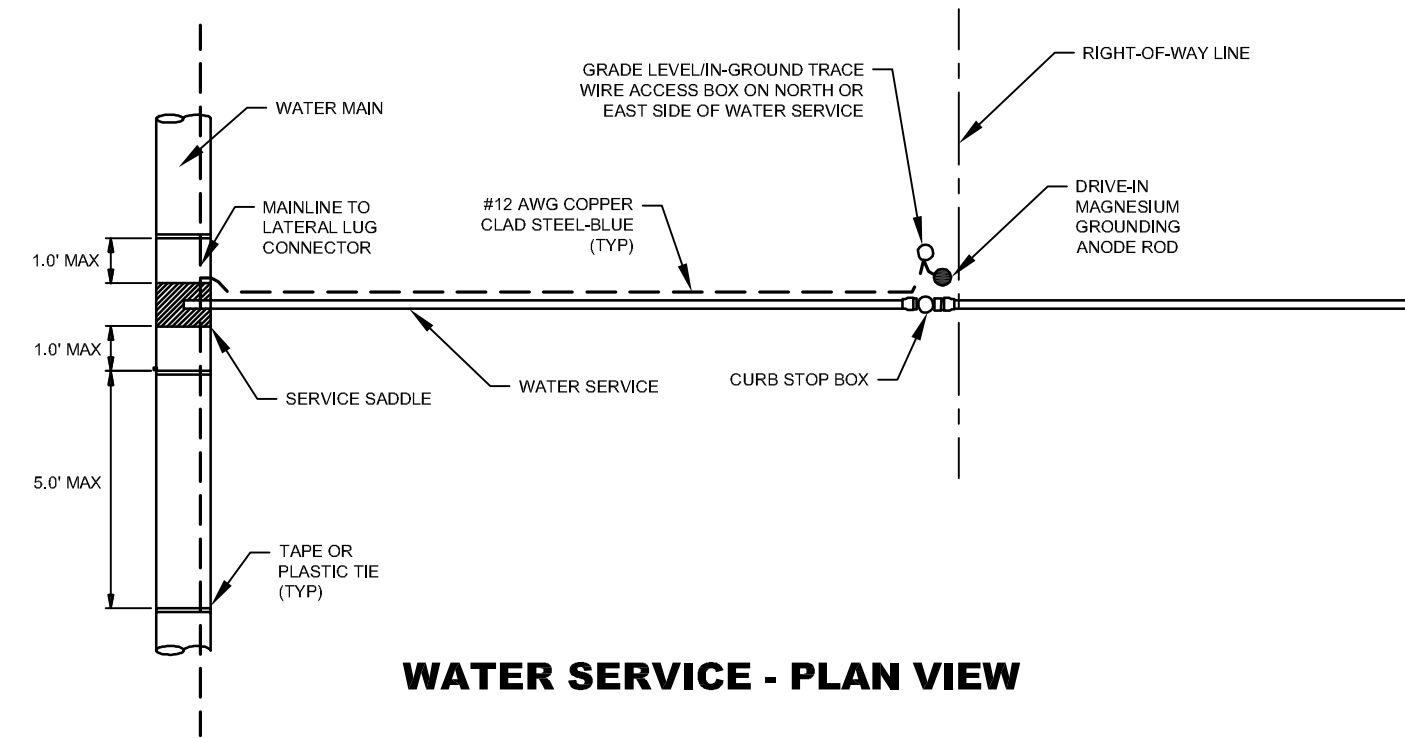
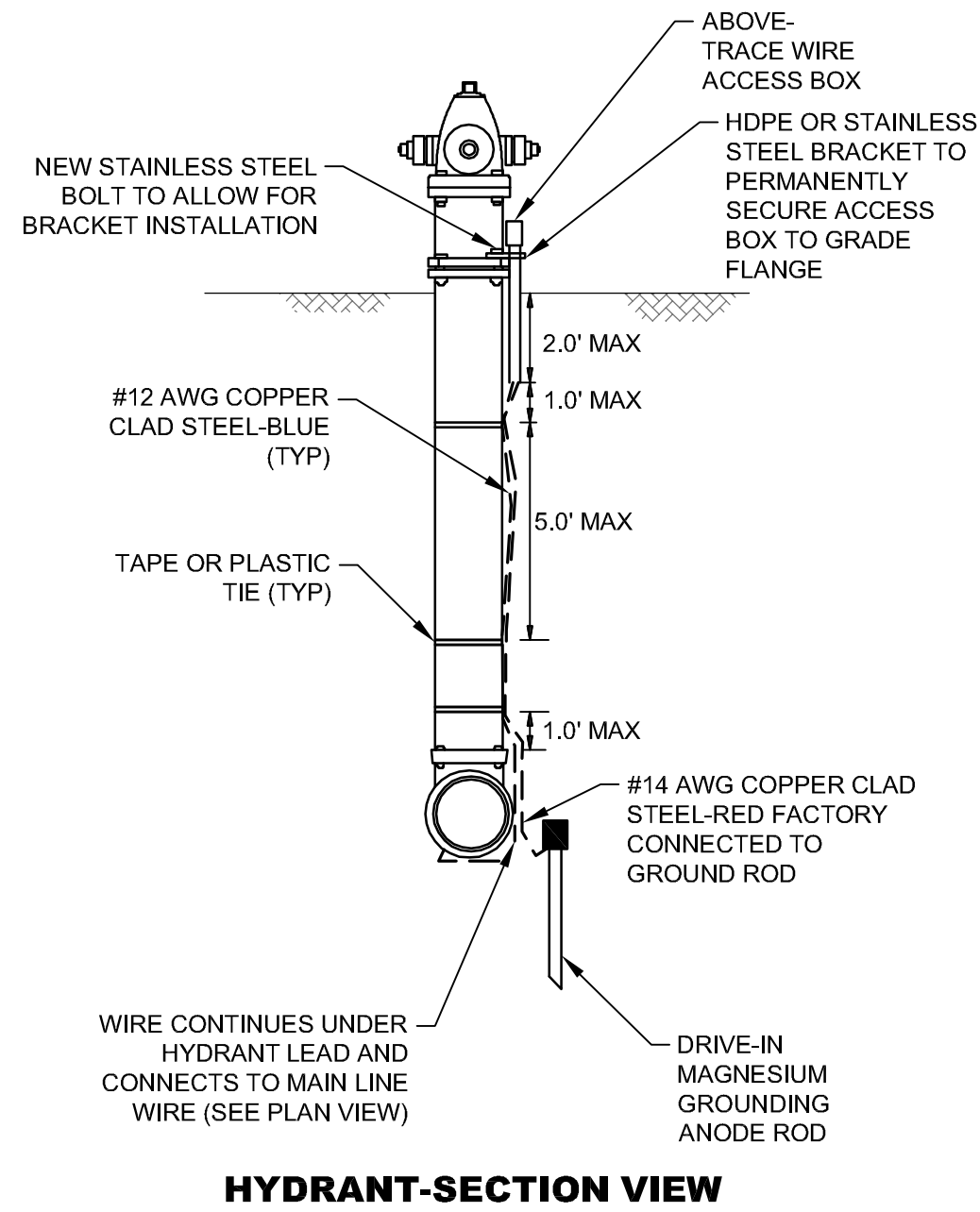
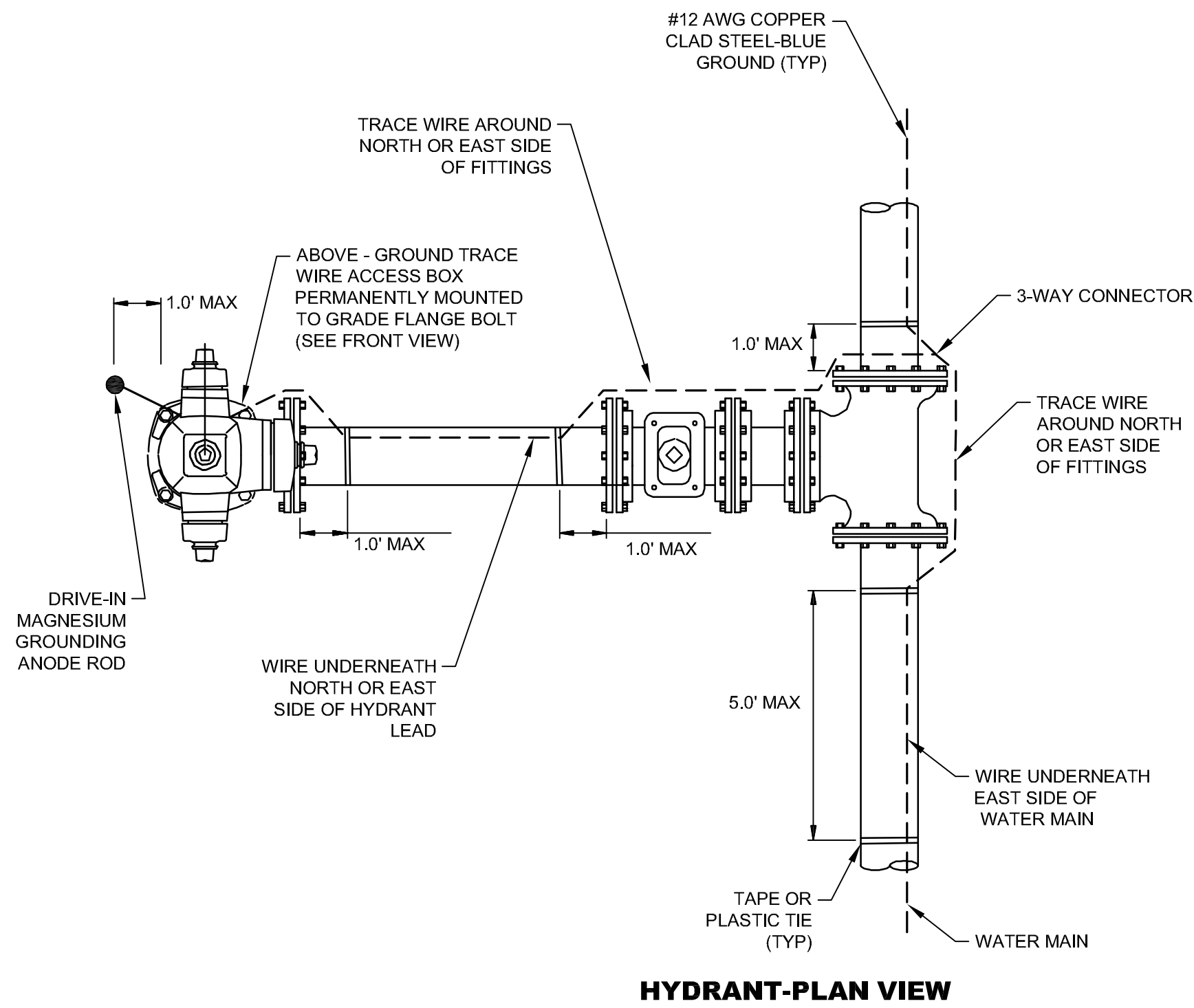
PLAN



THRUST BLOCK DETAILS

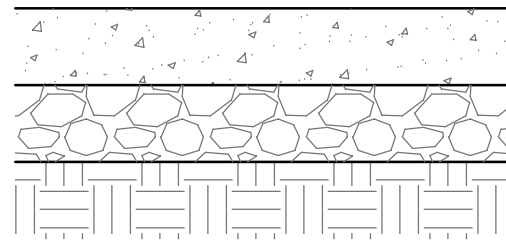
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NO.	DATE	DESCRIPTION	BY
WATER INSTALLATION DETAILS			
COMSWIP SEWER PROJECT PHASE VIII			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
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Date: 12-11-2017		Working No. WTRD2	
Drawing No.: 1273-S010		Sheet No. 66	

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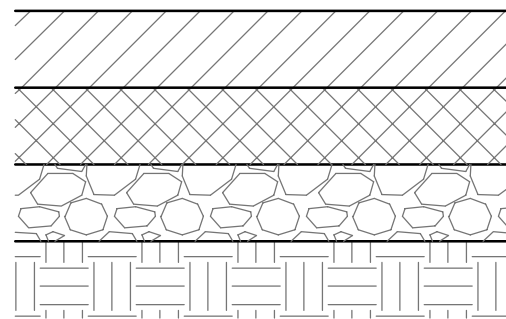
NOTE:
WIRE SHOWN AWAY FROM PIPE FOR CLARITY. WIRE SHALL BE INSTALLED ON THE BOTTOM SIDE OF THE PIPE BELOW THE SPRING LINE. THE WIRE SHALL BE FASTENED TO THE PIPE WITH TAPE OR PLASTIC TIES AT 5' INTERVALS.

NO.	DATE	DESCRIPTION	BY
TRACER WIRE DETAILS			
COMSWIP SEWER PROJECT PHASE VIII			
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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%

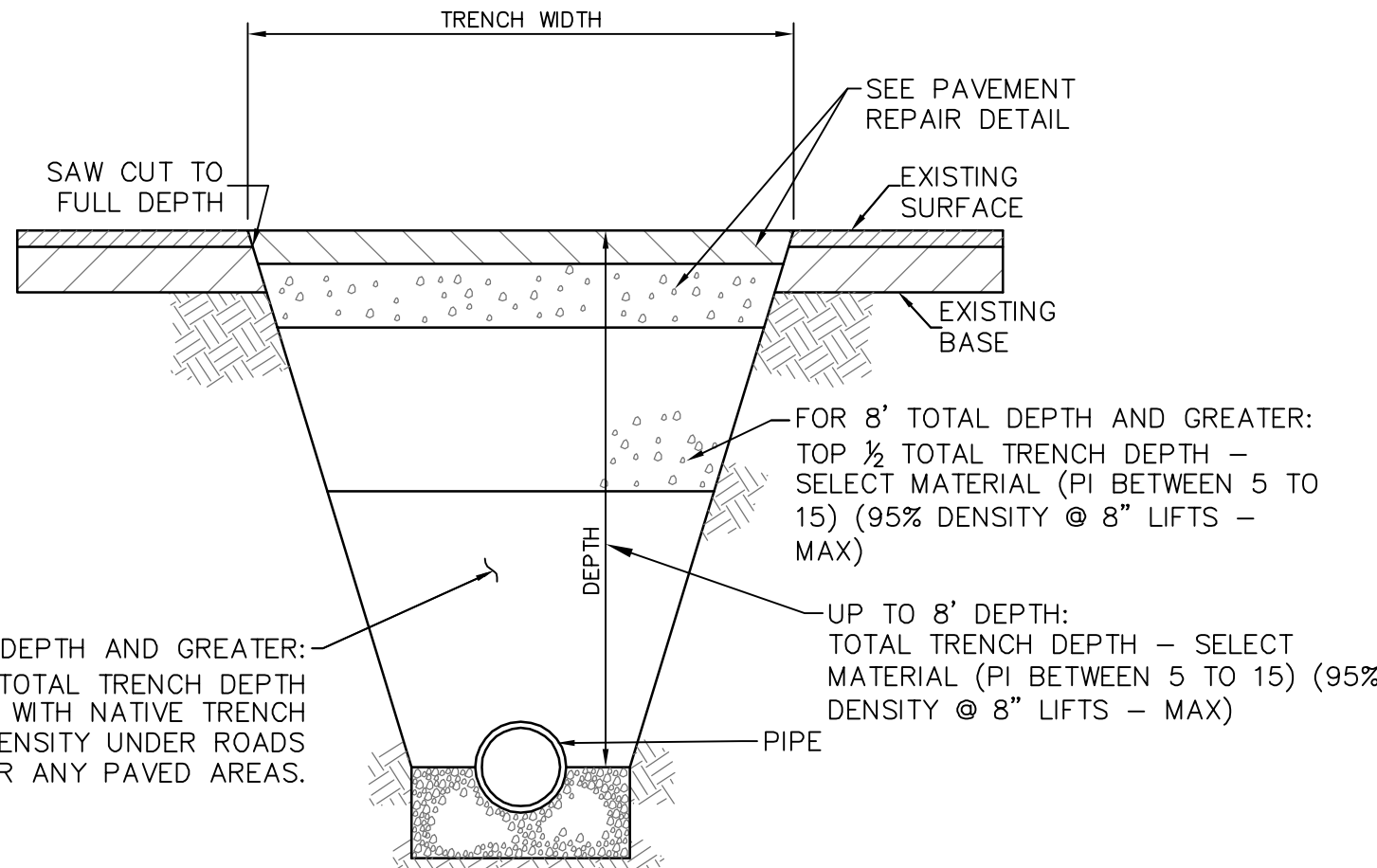
TYPICAL ASPHALT PAVEMENT REPAIR

PAVEMENT REPAIR NOTES:

1. TEMPORARY CRUSHED AGGREGATE REMOVED DURING PAVING SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
2. TRENCHES SHALL HAVE A TEMPORARY SURFACE OF CRUSHED AGGREGATE (SIZE 610) TEMPORARY SURFACE INSTALLED FOR A PERIOD OF TIME TO BE DETERMINED BY THE ENGINEER AND REMOVED PRIOR TO PAVING (NO SEPARATE PAY)

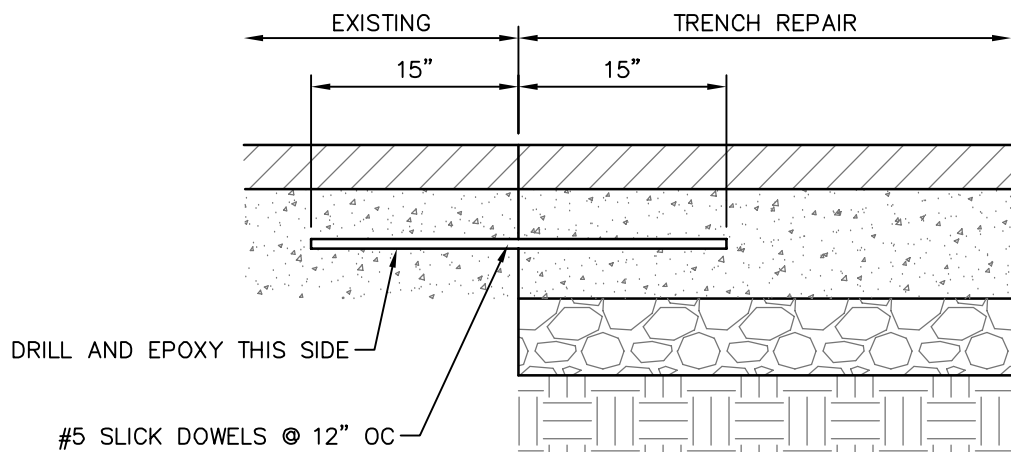
SPECIAL PAVEMENT REPAIR NOTE:

NO PAVEMENT SHALL BE INSTALLED ON CAMP STREET. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A TEMPORARY AGGREGATE SURFACE FOR THE DURATION OF THE PROJECT.



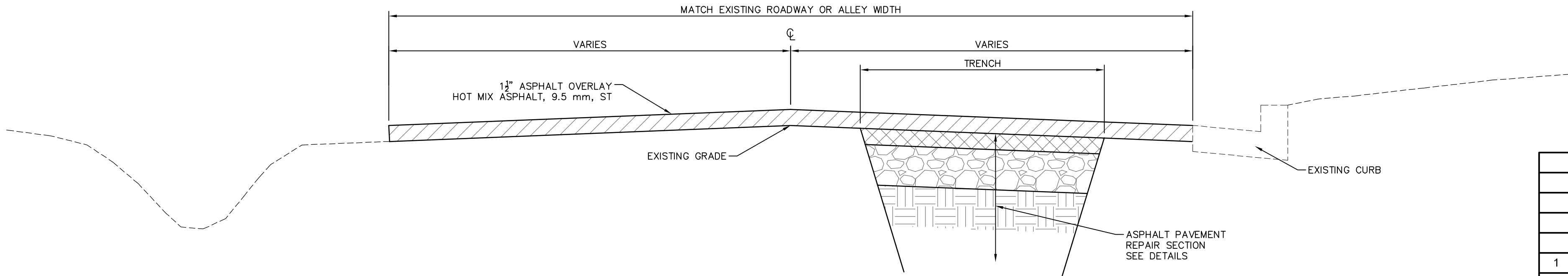
TYPICAL TRENCH IN ROADWAY DETAIL

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

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PAVEMENT REPAIR DETAILS			
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Date: 12-11-2017		Working No. PRD1	
Drawing No.: 1273-S010		Sheet No. 68	

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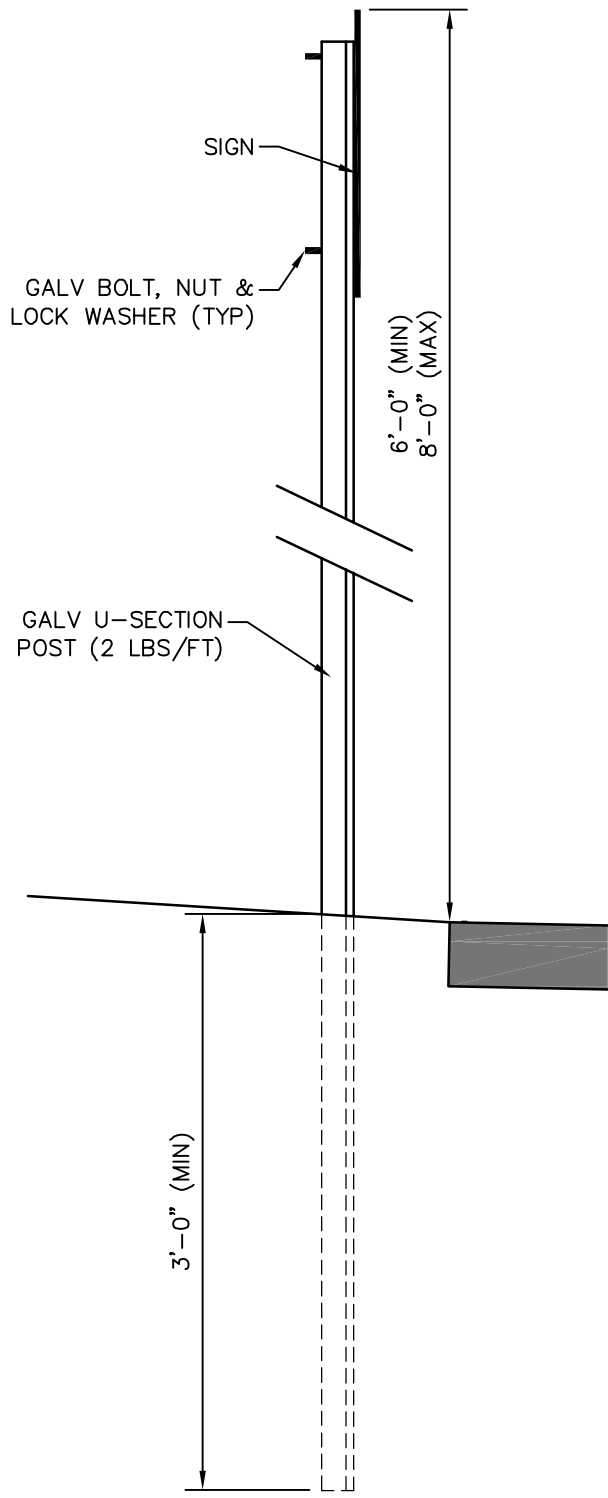
VEGETATION SCHEDULE						
EROSION CONTROL ITEMS		SEASONAL APPLICATIONS - DATES & RATES				REQUIREMENTS
		SPRING & SUMMER		FALL & WINTER		
	ITEMS	RATES	DATES	RATES	DATES	
	TOPSOIL FOR SLOPE TREATMENT (LVM)	4" THICK	MARCH 1 TO SEPTEMBER 1	4" THICK	SEPTEMBER 1 TO MARCH 1	TOPSOIL REQUIRED ON SLOPES DETERMINED 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

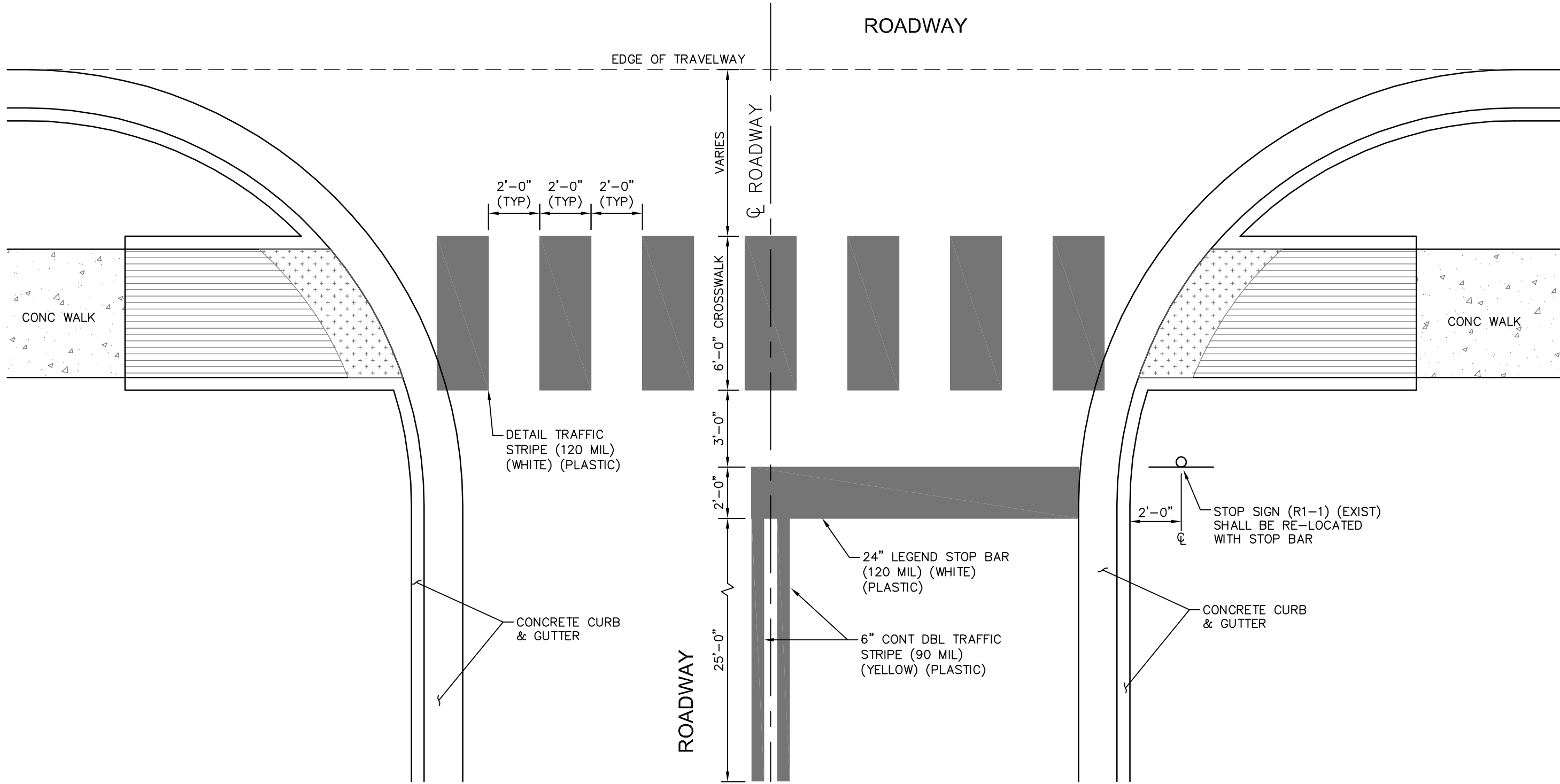
TEMPORARY EROSION CONTROL ITEMS REQUIRED FOR DETOURS

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

TABLE 1:

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.

1. Flowable Fill in accordance with Section 631 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.

BEDDING AND BACKFILL REQUIREMENTS FOR NON-RIGID PIPE IN SIDEDRAIN APPLICATIONS

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.

TABLE 2:
HIGH DENSITY CORRUGATED POLYETHYLENE PIPE
HEIGHT OF COVER
H-20 AND E-80 LIVE LOADS

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"

TABLE 4: MULTIPLE INSTALLATION OF POLYETHYLENE PIPES

The diagram illustrates a trench cross-section with the following components and dimensions:

- TRENCH WIDTH:** Indicated by a horizontal dimension line at the top.
- PIPE EMBEDMENT ZONE:** Indicated by a vertical dimension line on the left side.
- STRUCTURAL BACKFILL:** Indicated by a vertical dimension line on the right side.
- 12":** A vertical dimension line indicating the height of the backfill above the pipe.
- HAUNCH AREA:** A label with an arrow pointing to the area of the pipe that is embedded in the bedding.
- OD/3":** A label indicating the thickness of the bedding layer.
- BEDDING 4" TO 6":** A label indicating the thickness of the bedding layer.

TRENCH CROSS SECTION SHOWING TERMINOLOGY

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

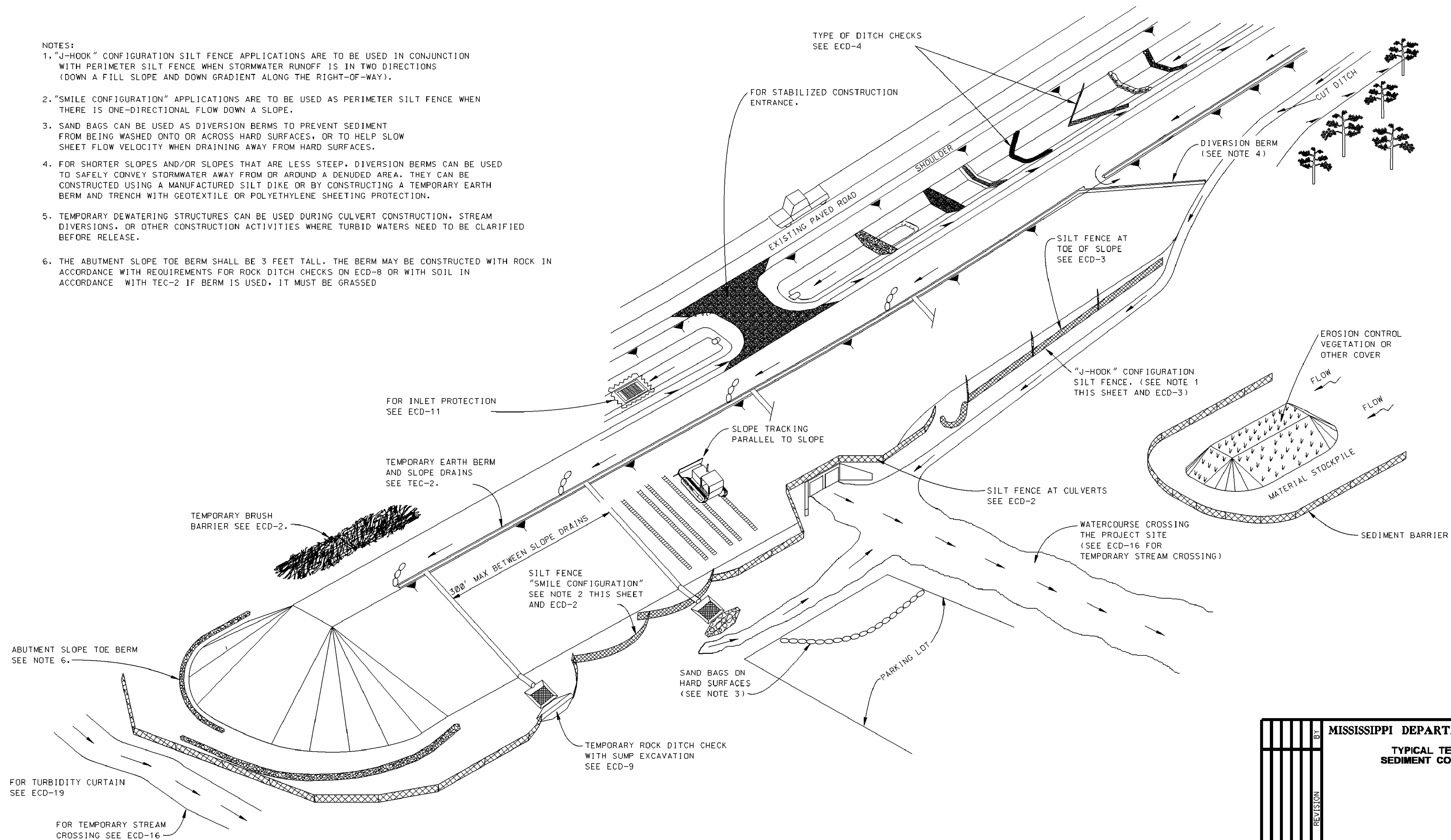
THE MIDDLE THIRD OF THE BEDDING MATERIAL UNDER THE PIPE SHOULD BE LOOSELY PLACED, WHILE THE REMAINDER SHALL BE COMPACTED TO A MINIMUM 90% OF MAXIMUM DENSITY PER AASHTO T 99.

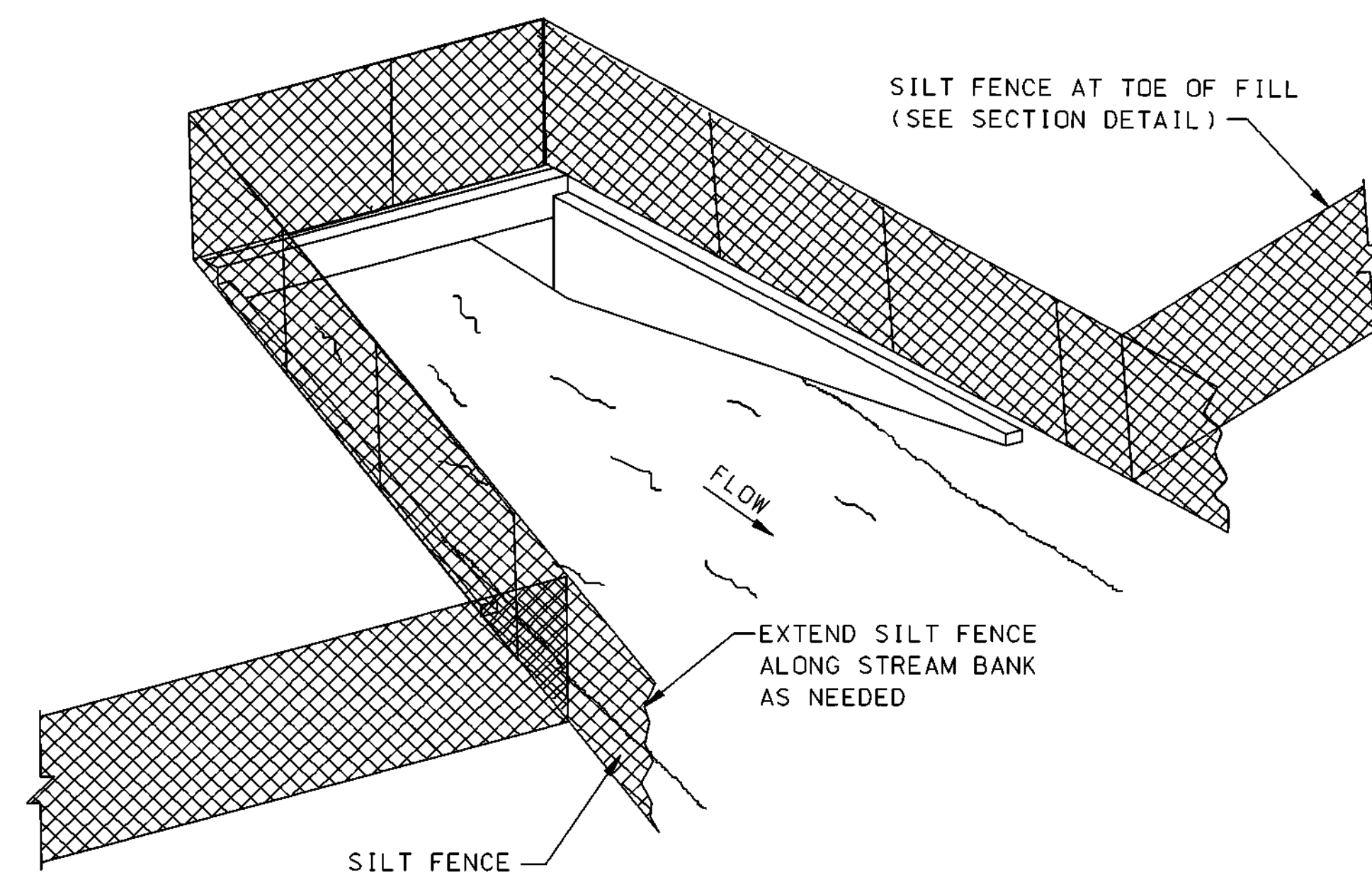
MINIMUM COVER REQUIREMENTS SHALL MEET THE REQUIREMENTS OF TABLE 2.

4. CALCULATIONS FOR FILL DEPTHS ARE BASED ON PROPERTIES DEFINED IN AASHTO M294 AND CALCULATIONS IN AASHTO SEC. 18.

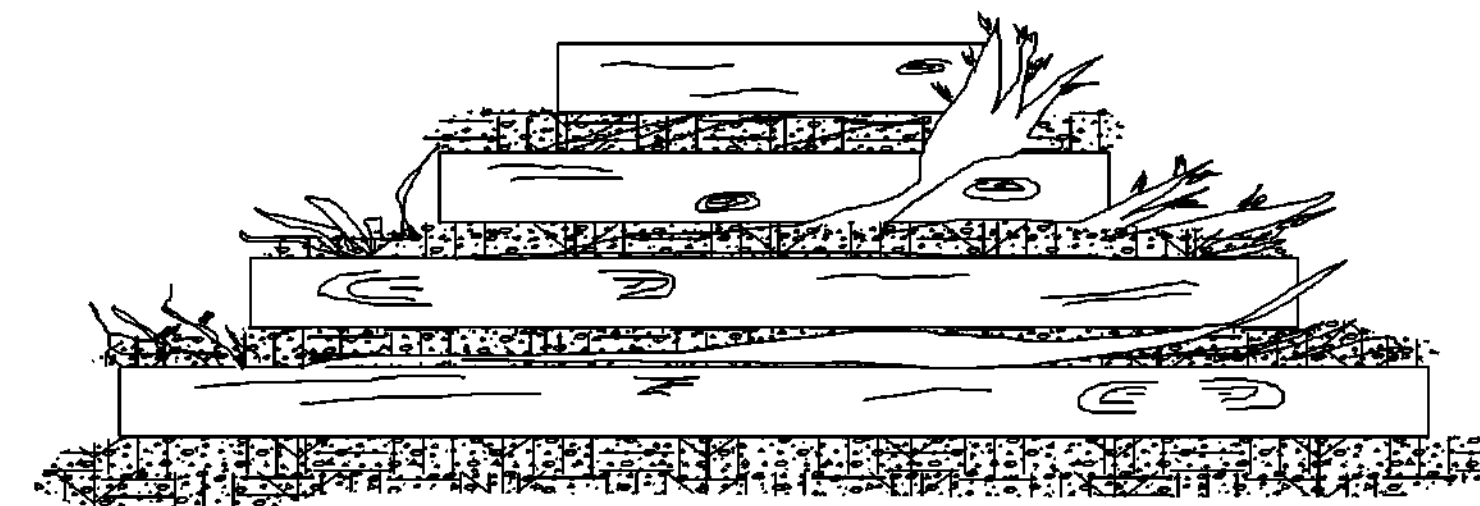
RAWING No.: 1273-S010

- 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

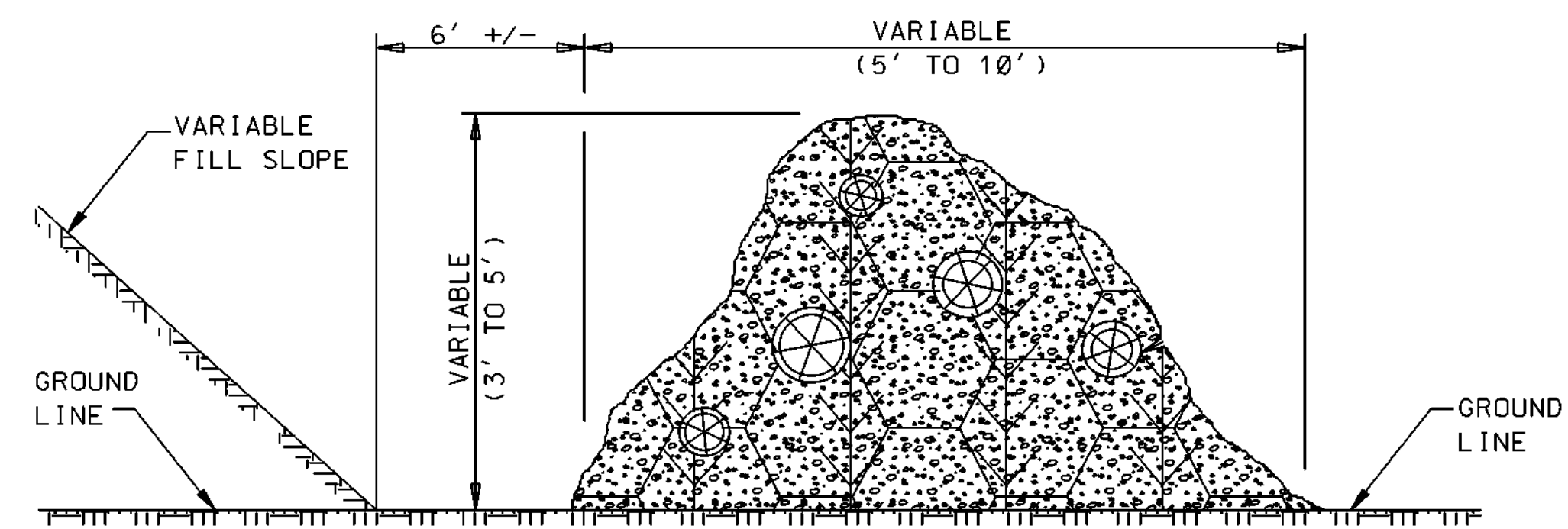
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SEDIMENT BARRIER AT CROSS DRAIN



FRONT ELEVATION

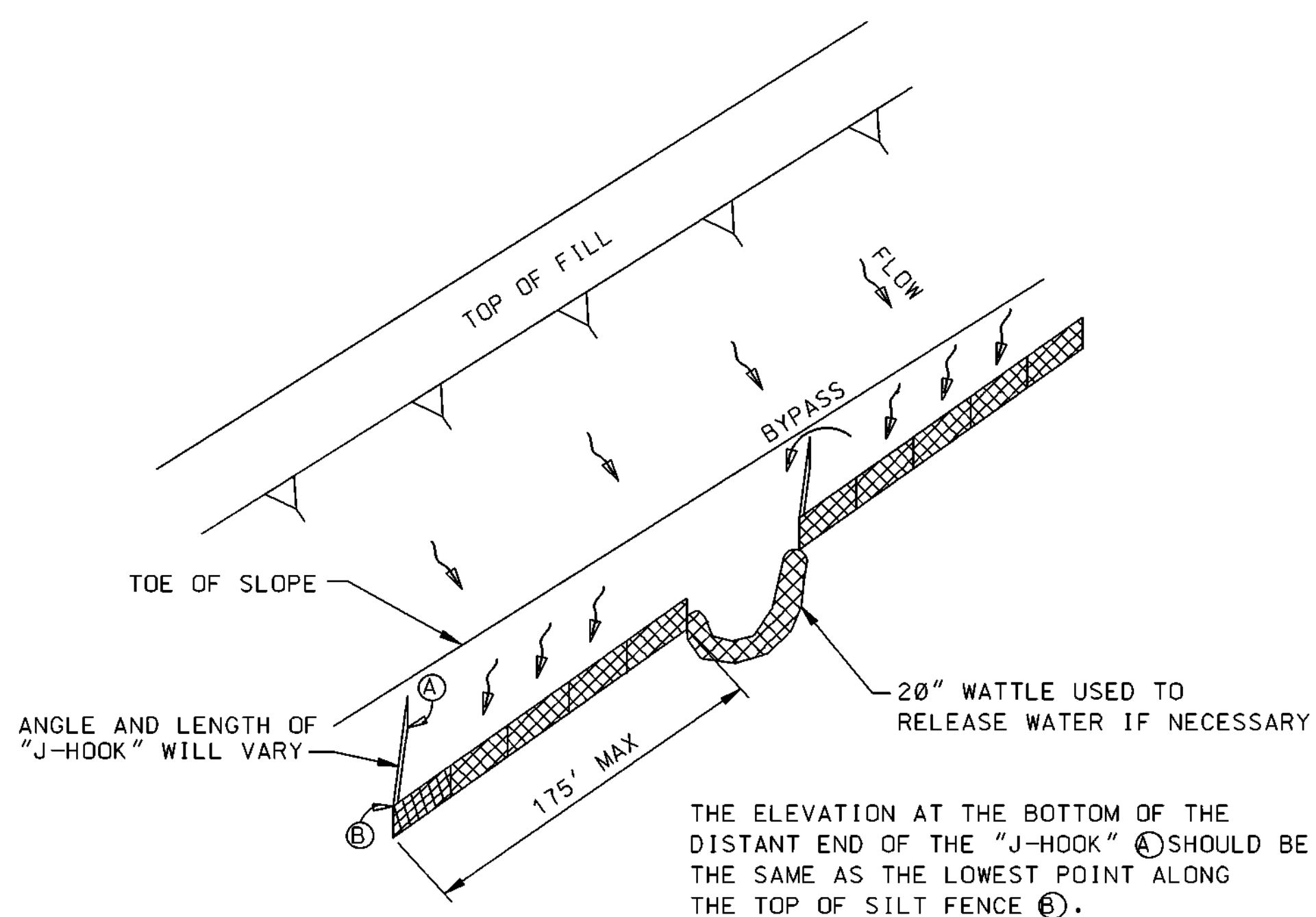


SIDE ELEVATION

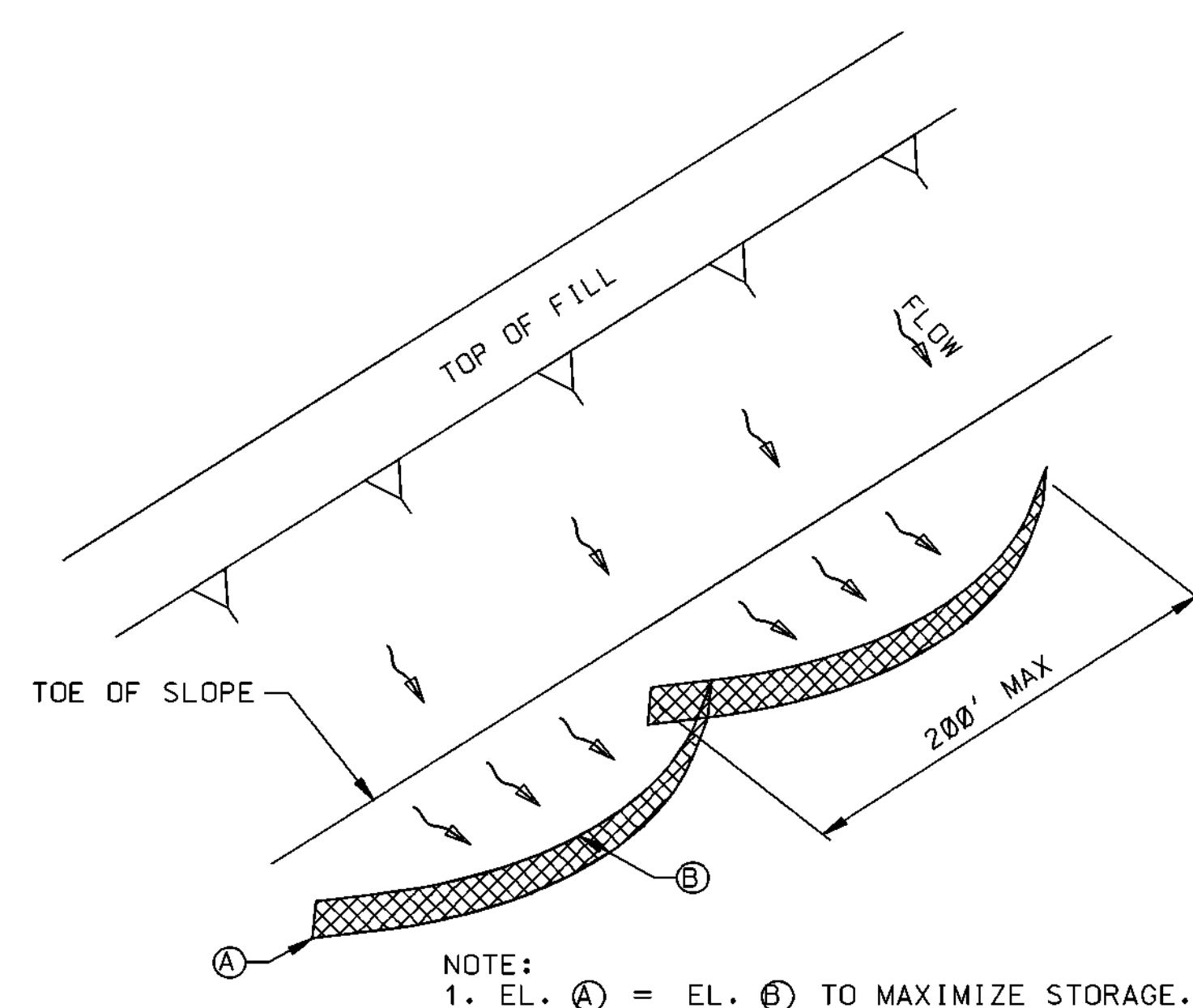
TEMPORARY BRUSH BARRIER

- 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

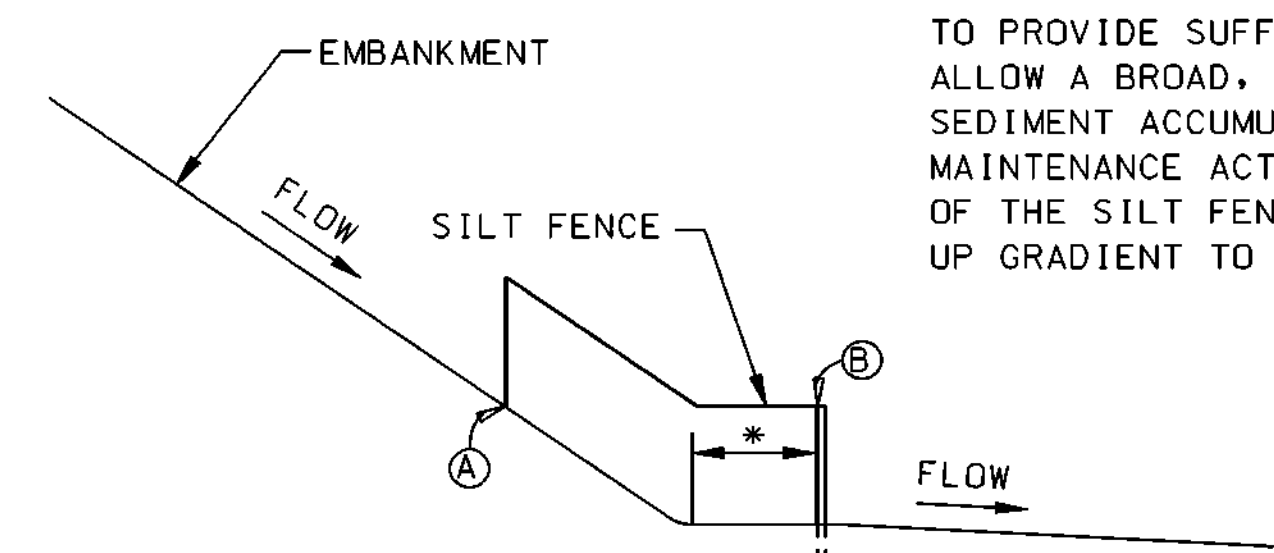
- NOTE:
1. ANCHOR AND INSTALL SILT FENCE PER DETAILS SHOWN ON ECD-3



"J-HOOK" SILT FENCE APPLICATION



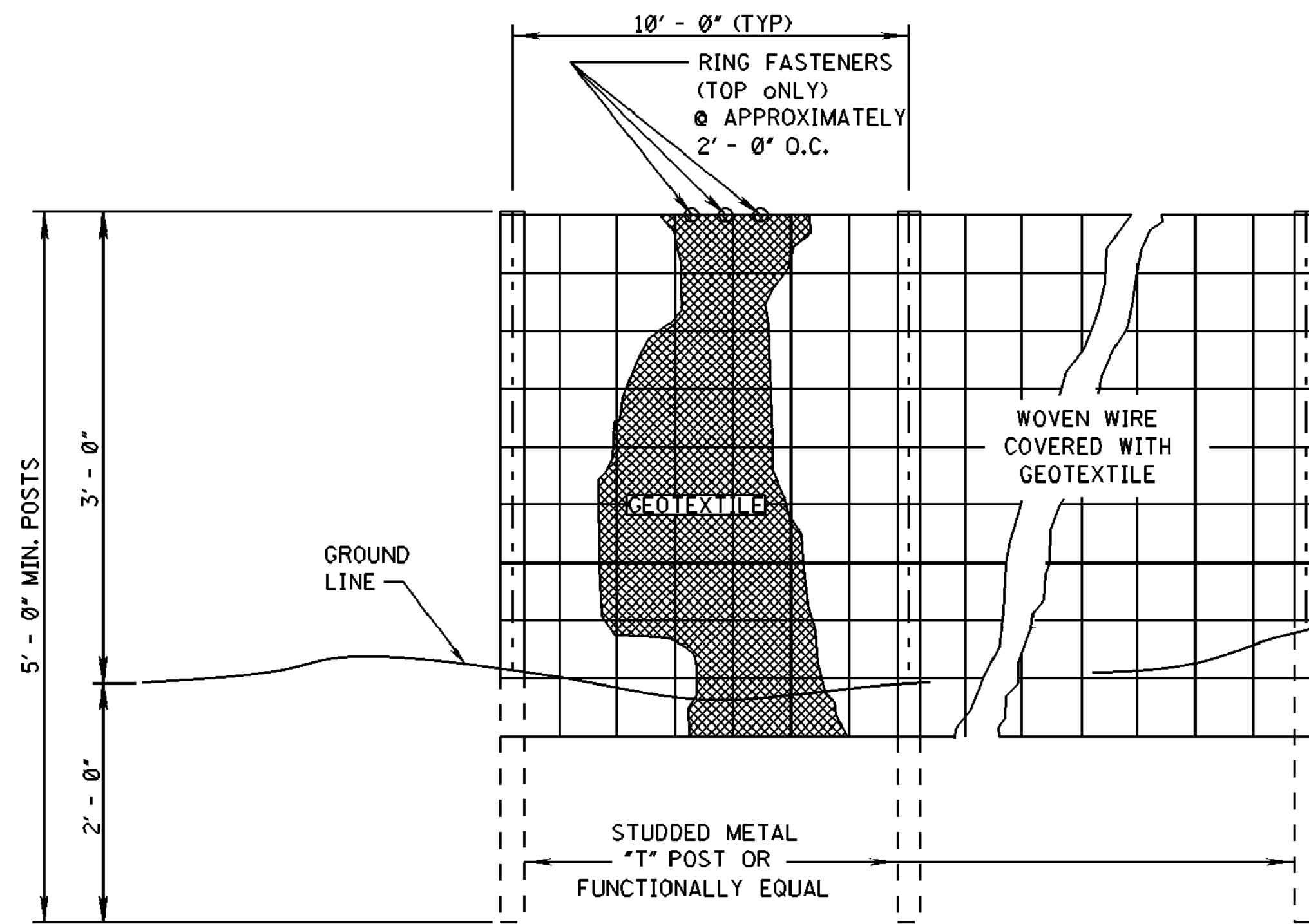
"SMILE-CONFIGURATION" SILT FENCE APPLICATION



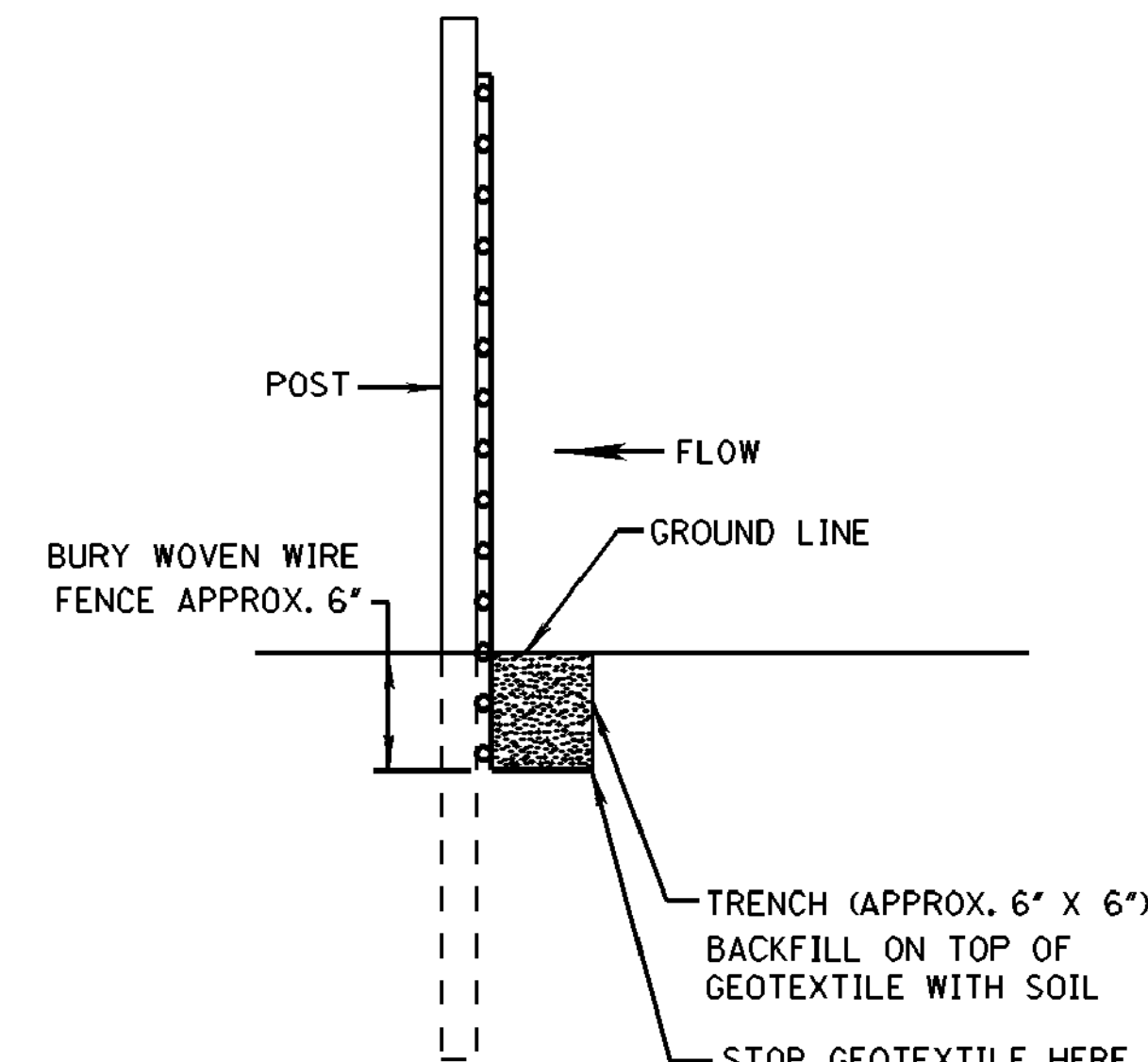
SILT FENCE SECTION AT TOE OF FILL

- * 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.

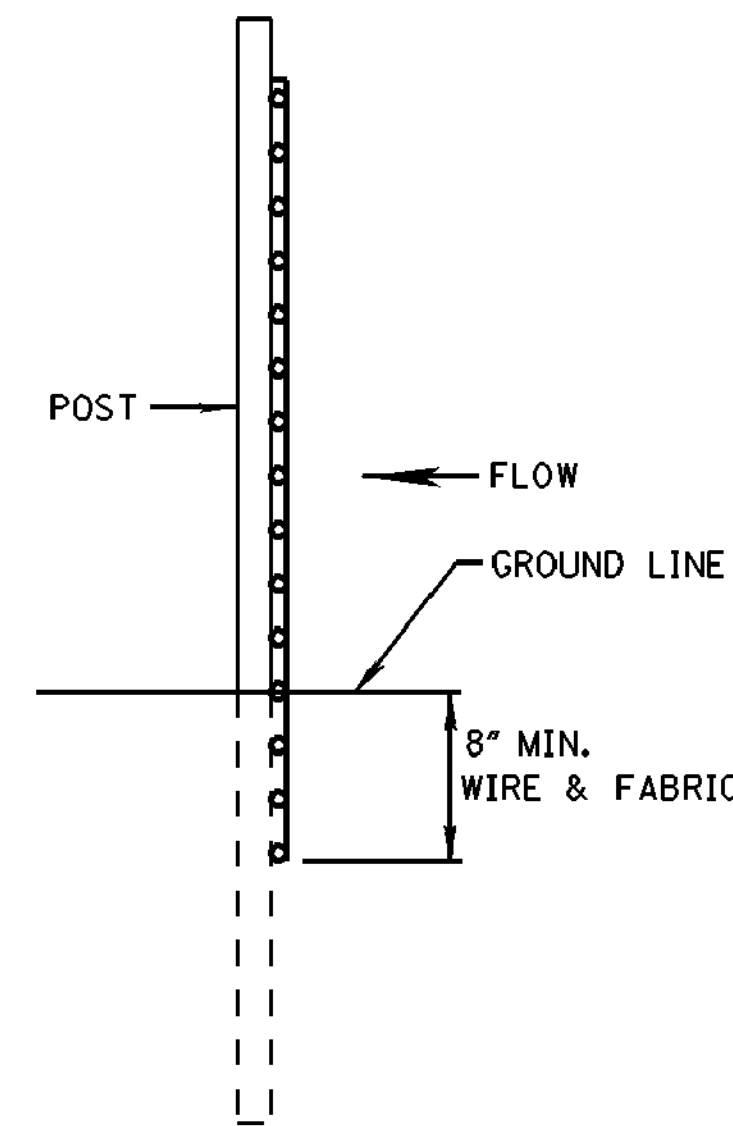
BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION		DETAILS OF SEDIMENT BARRIER APPLICATIONS	
DATE		FILENAME: EROSION_CONTROL\ECD-2.DGN	
DESIGN TEAM		CHECKED DATE	
		WORKING NUMBER ECD-2	
		SHEET NUMBER 72	



ELEVATION VIEW



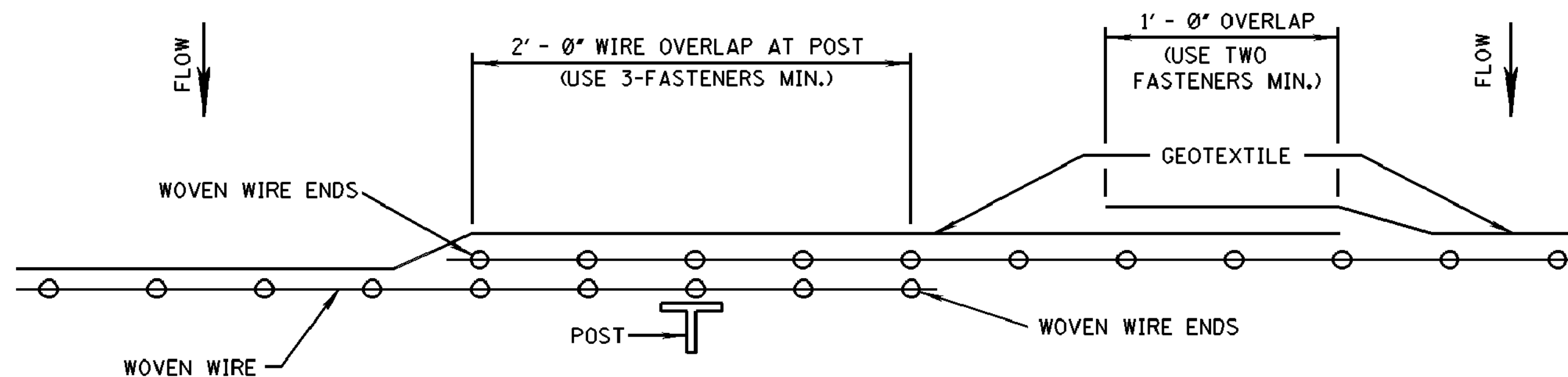
METHOD I



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 ERECTED 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

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		WORKING NUMBER	
DETAILS OF SILT FENCE INSTALLATION		ECD-3	
DATE		SHEET NUMBER	
DESIGN TEAM		73	
CHECKED		DATE	

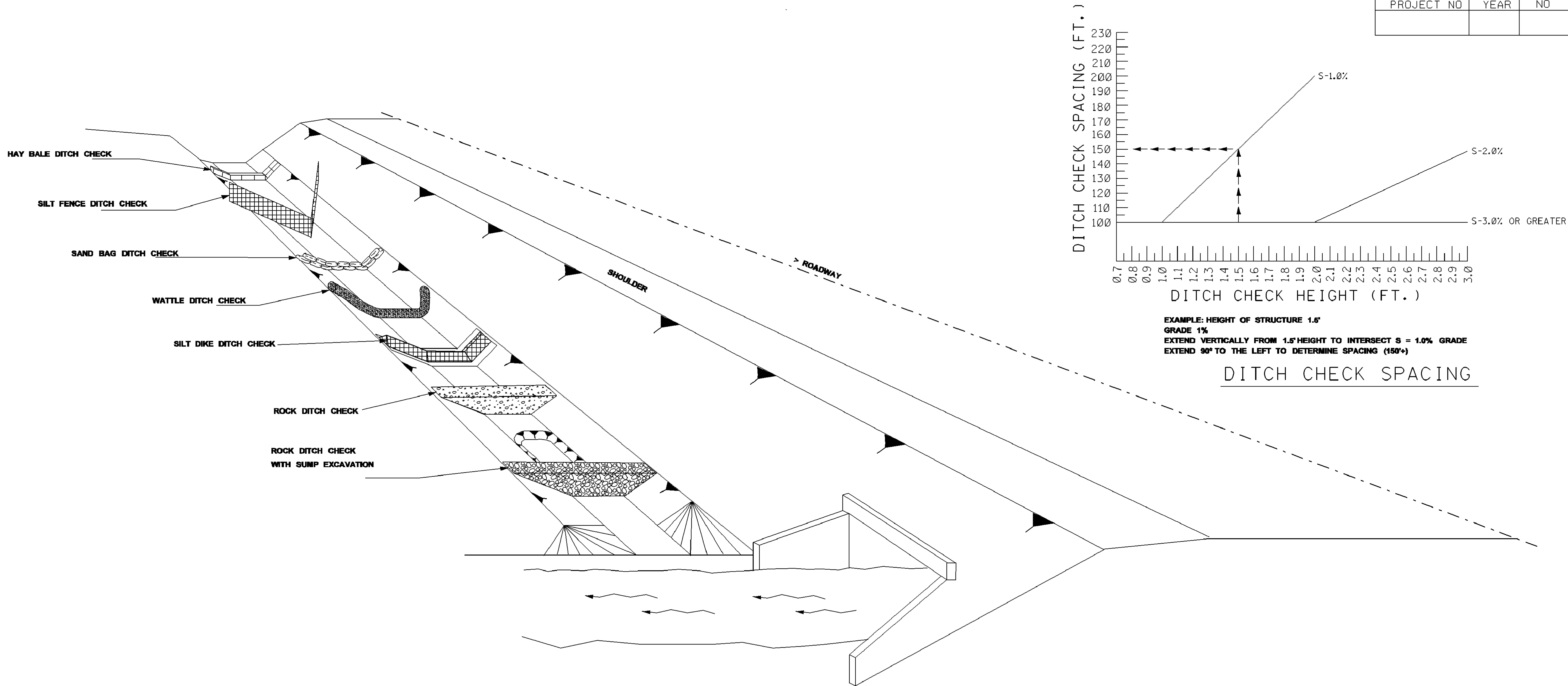
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PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/20/2010 8:10 AM ECD-4.DGN

STATE	PROJECT NO.
MISS.	

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO

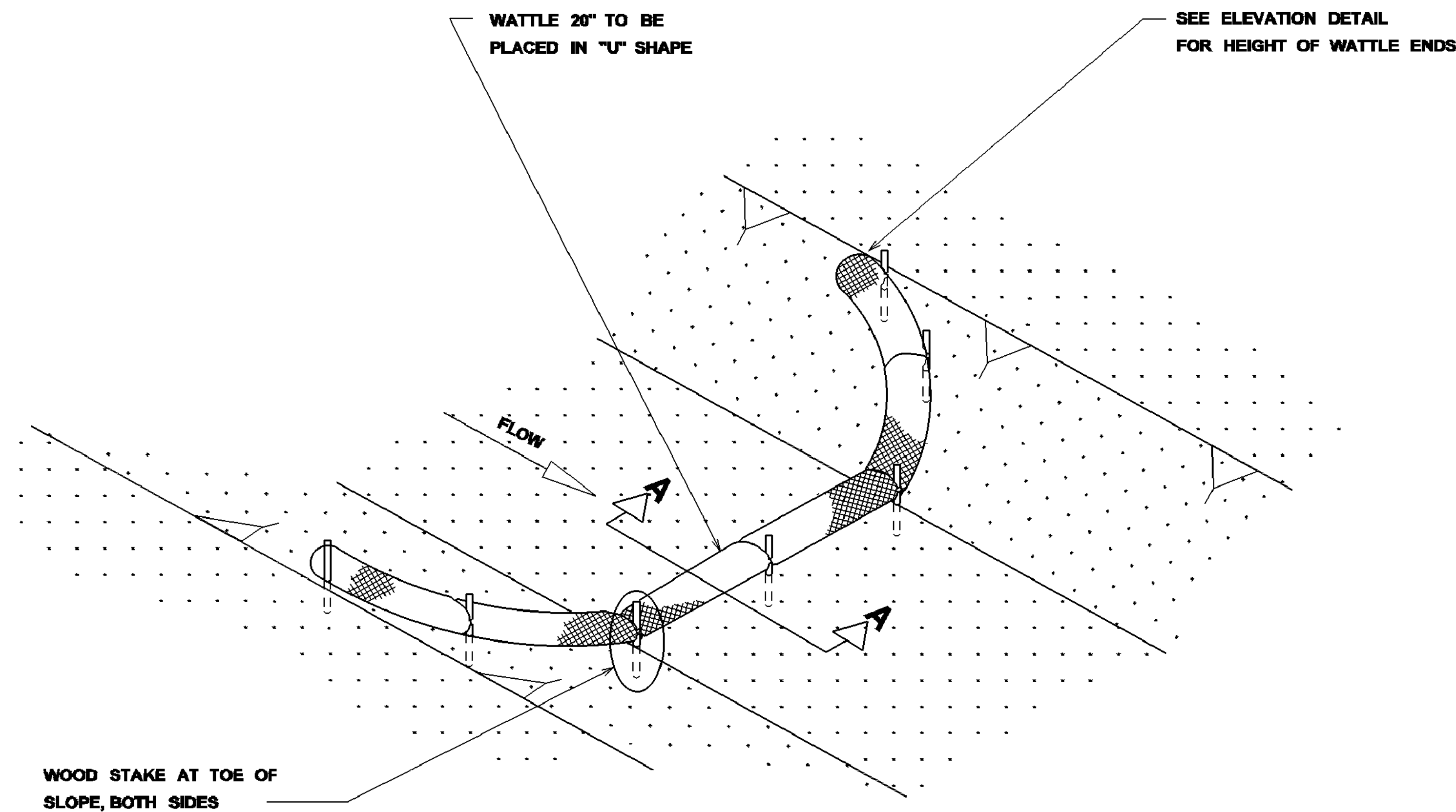


NOTES:

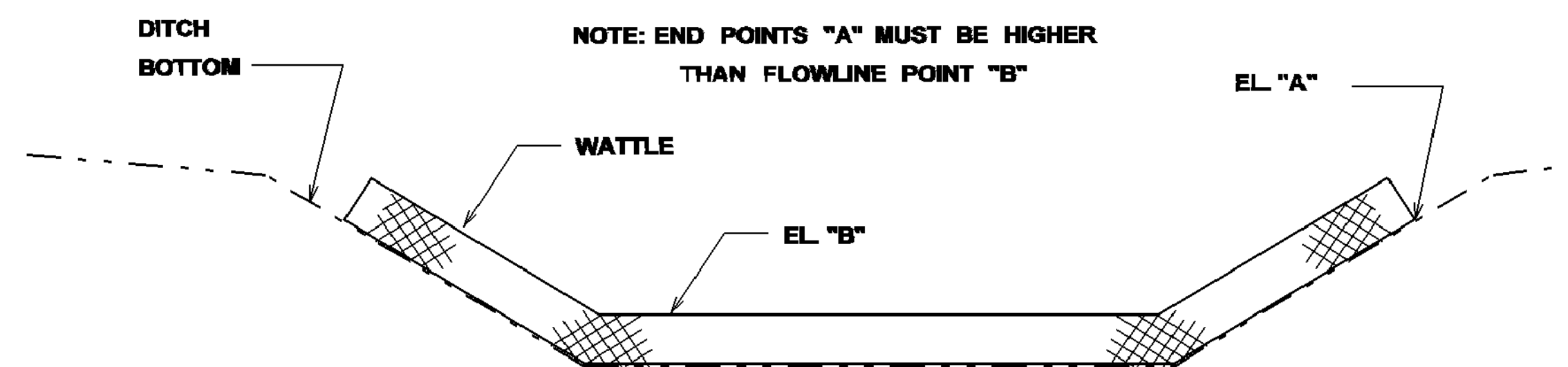
1. THE DITCH CHECK PERSPECTIVE ILLUSTRATES A TOOL BOX OF TEMPORARY PRACTICES THAT MAY BE USED. DITCH CHECKS ARE INSTALLED TO CONTROL RUNOFF VELOCITY AND THUS REDUCE EROSION AND PROVIDE FOR TRAPPING OF SEDIMENTS.
2. SELECTION OF THE APPROPRIATE DITCH CHECK SHOULD BE A FUNCTION OF CONSTRUCTION PHASE, DRAINAGE 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. SILTS FENCE DITCH CHECKS ARE USED WHERE IT HAS BEEN DETERMINED THAT HAY BALE CHECKS ARE INADEQUATE. SILTS 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. SILTS 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
			74

DRAWING No.: 1273-S010



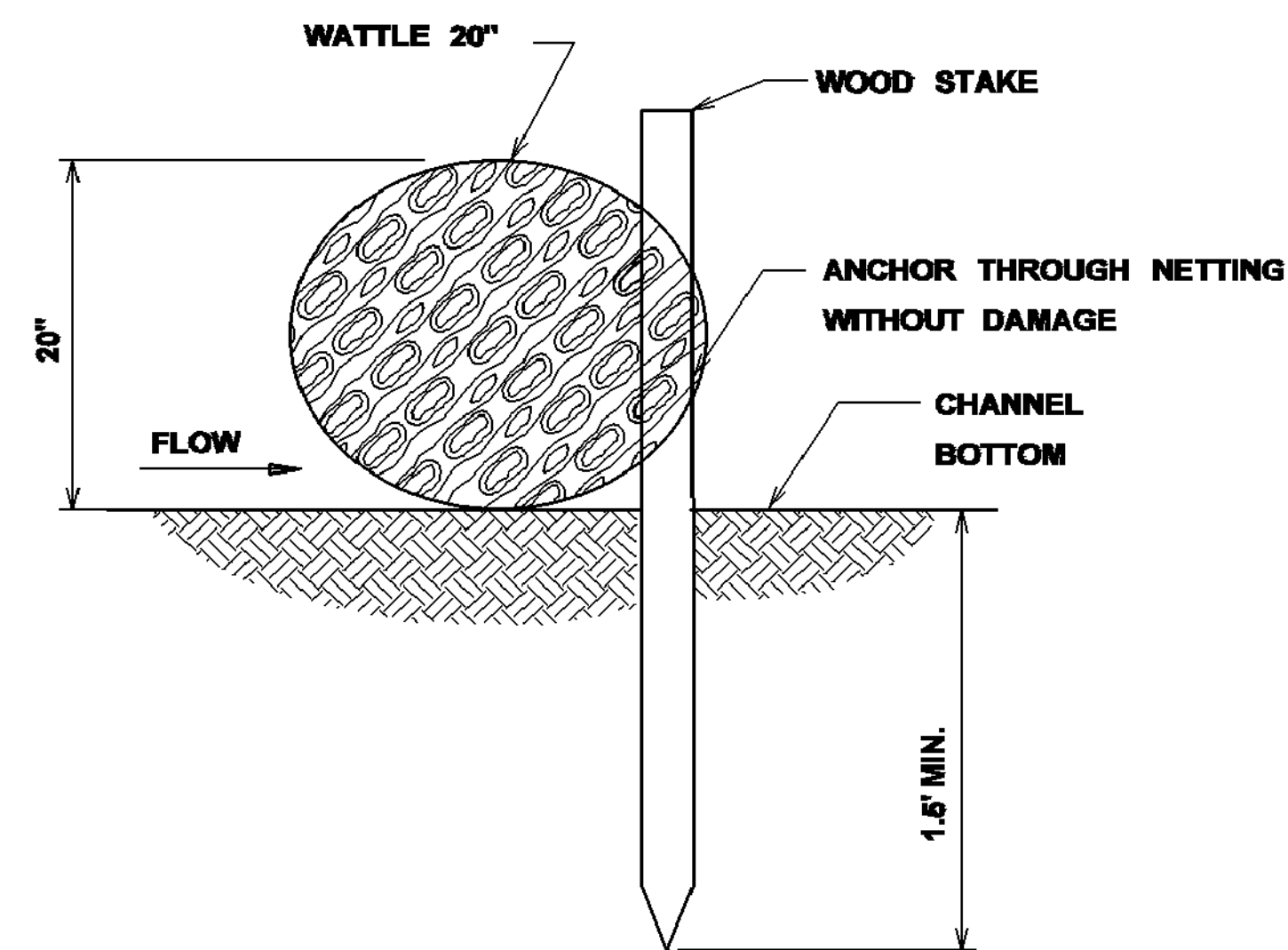
DETAIL (DITCH CHECK)



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.

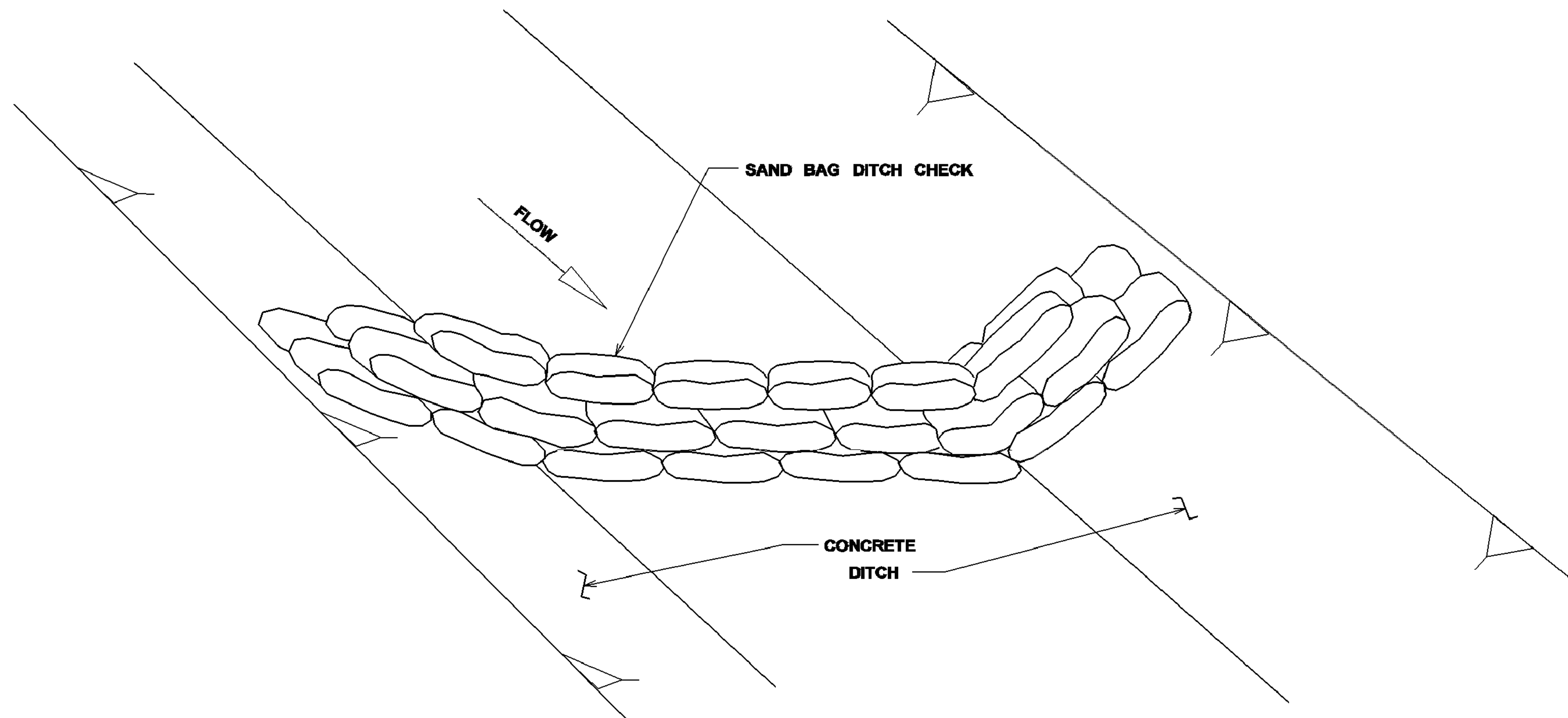


SECTION A-A

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.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILS OF EROSION CONTROL			
WATTLE DITCH CHECK			
DATE	DESIGN TEAM	CHECKED	DATE
FILENAME: EROSION CONTROL/ECD-6.DGN			
WORKING NUMBER			
ECD-6			
SHEET NUMBER			
75			



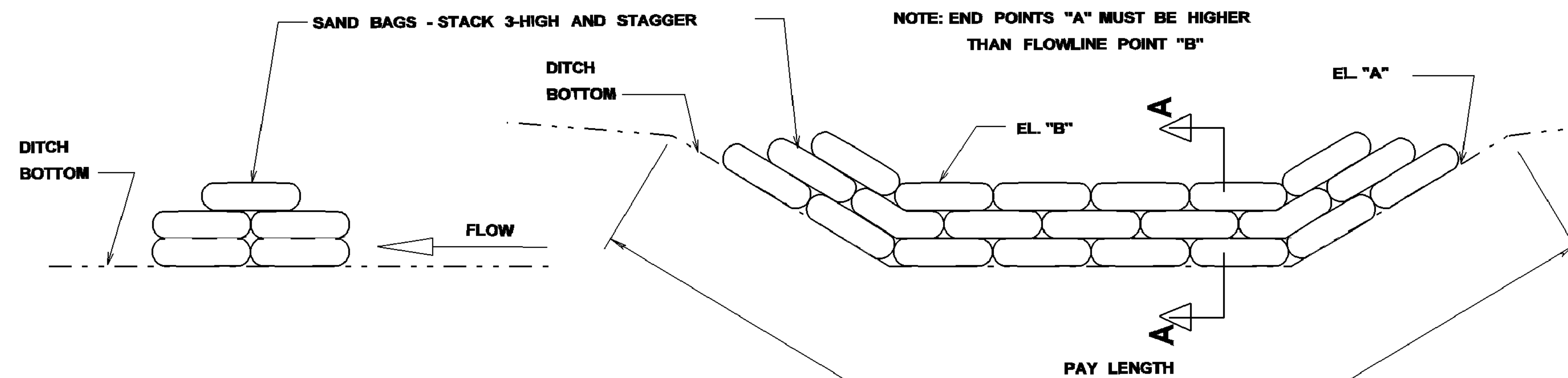
DETAIL (DITCH CHECK)

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

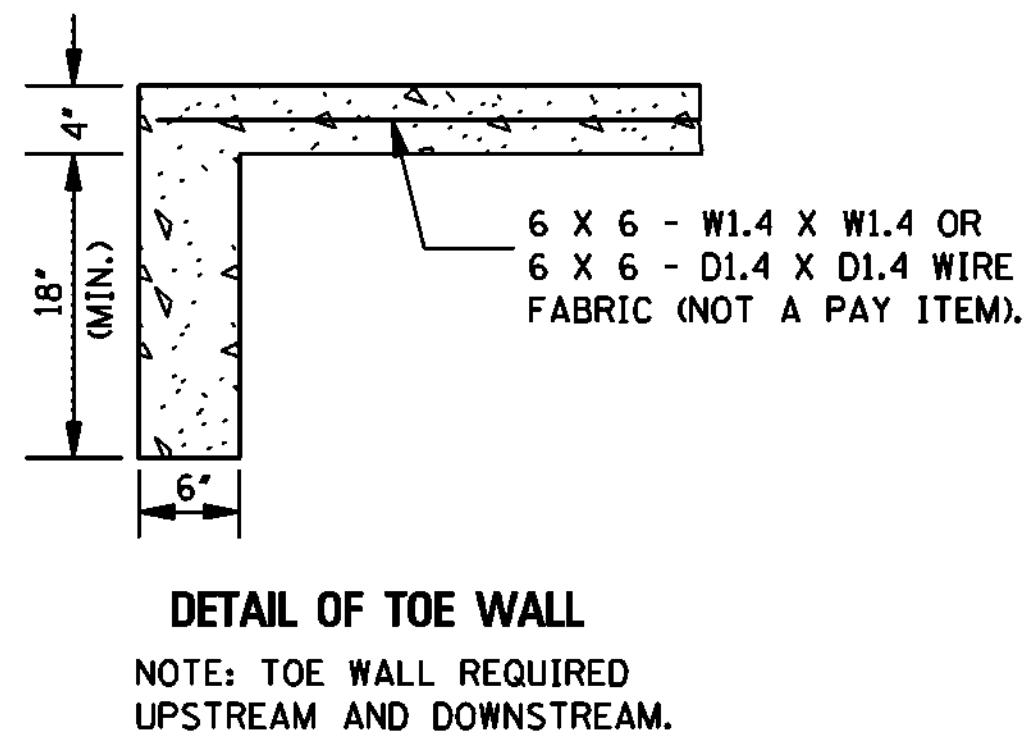
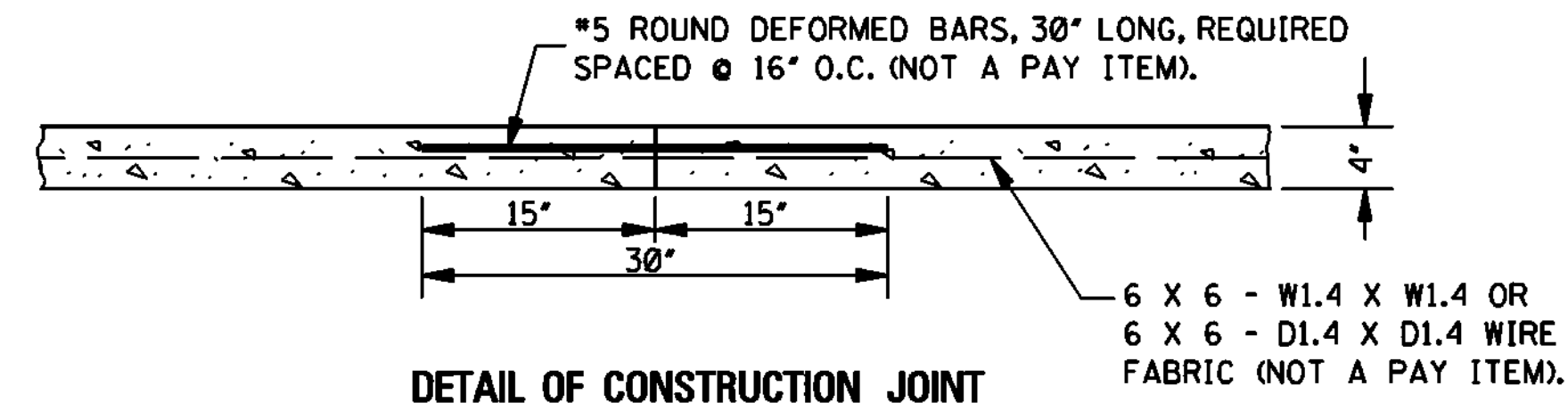
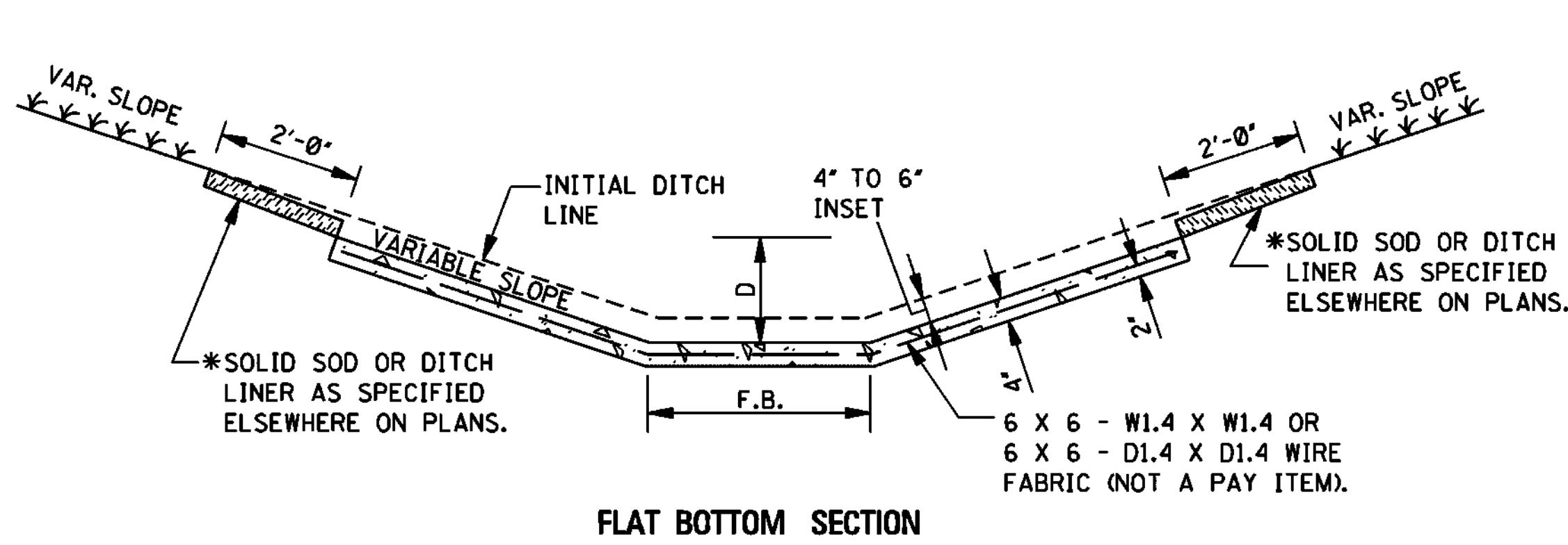
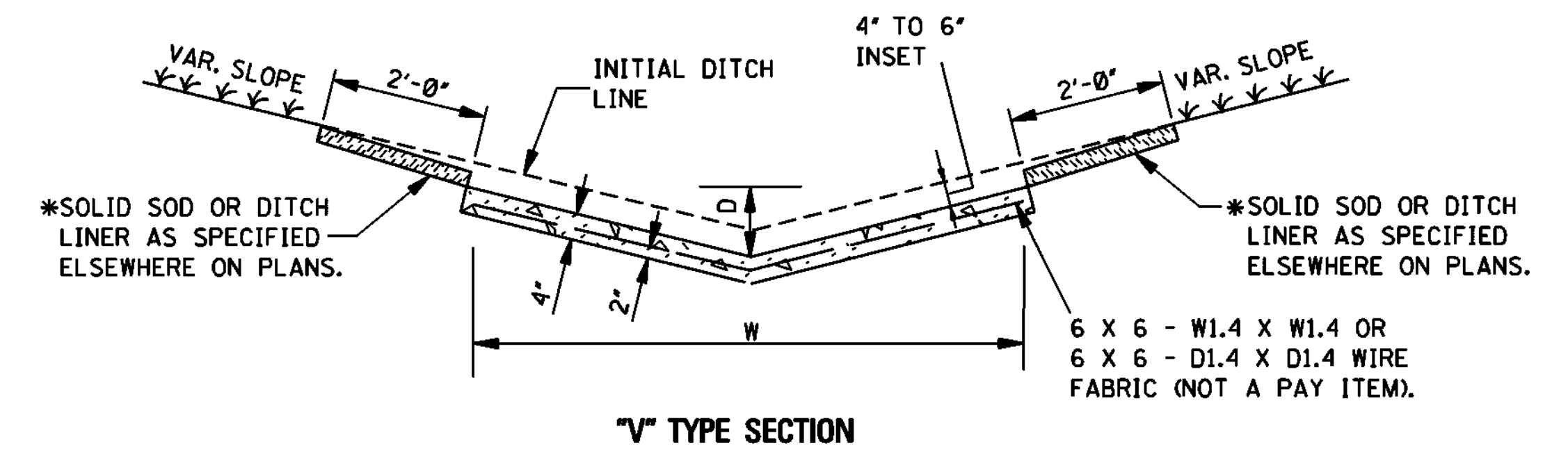
SAND BAG DITCH CHECKS ARE USED FOR VELOCITY REDUCTION AND MINIMAL SEDIMENT TRAPPING IN CONCRETE PAVED DITCHES OR IN DITCHES THAT HAVE ROCKY BOTTOMS.



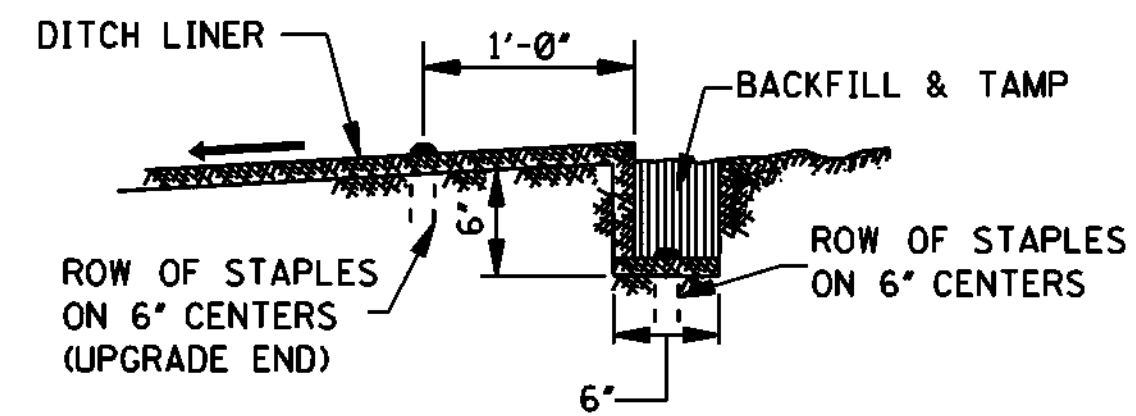
SECTION A-A

ELEVATION DETAIL

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	
DATE	DESIGN TEAM	FILENAME:	EROSION CONTROL/ECD-20.DGN
		CHECKED	DATE
		WORKING NUMBER	ECD-20
		SHEET NUMBER	76

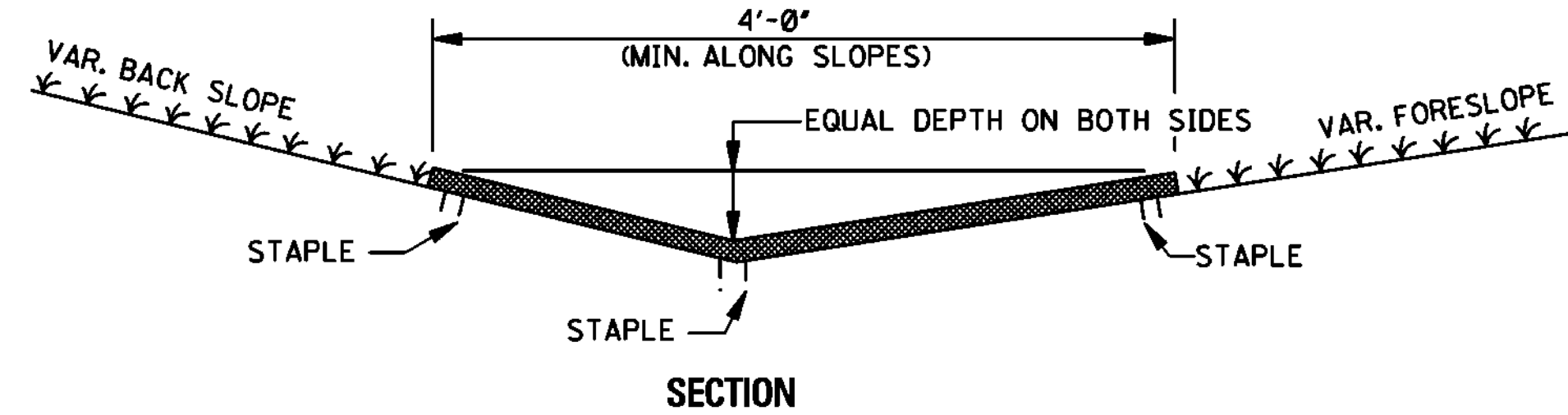
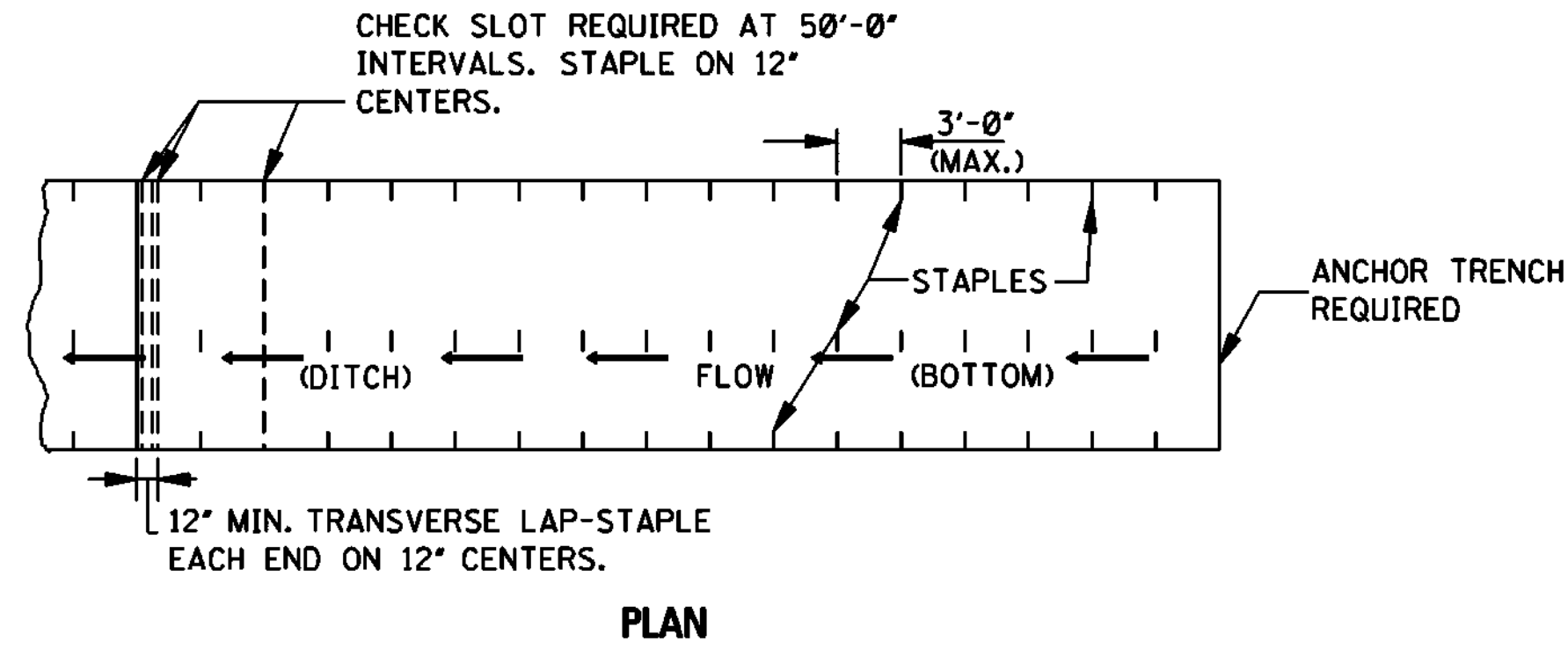


- CONCRETE PAVED DITCH
- NOTES:
1. CONCRETE PAVED DITCHES SHALL BE GROOVED AT 20'-0" INTERVALS. THE GROOVES SHALL BE CUT TO A DEPTH OF NOT LESS THAN 1".
 2. DIMENSIONS D & W ARE AS FOLLOWS:
D(MINIMUM) = 6"
D(NOMINAL) = 9"
W(MINIMUM) = 24"
 3. CHAIR SUPPORTS FOR THE WIRE MESH WILL NOT BE REQUIRED. HOWEVER, 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.



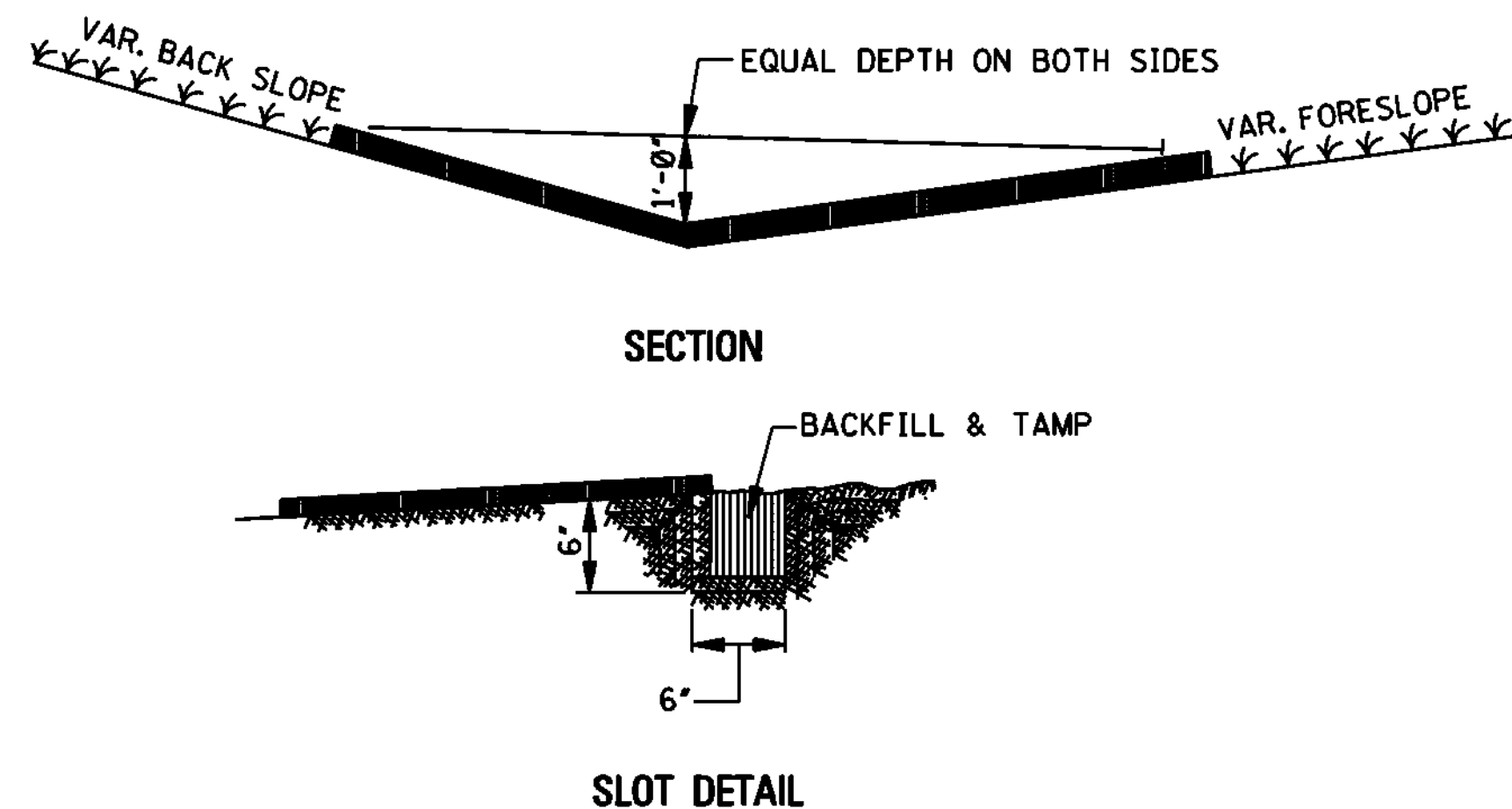
ANCHOR TRENCH DETAIL

NOTE: ANCHOR TRENCH REQUIRED AT THE BEGINNING AND ENDING OF EACH AREA TO BE COVERED, EXCEPT DOWNSTREAM END ADJOINING A STRUCTURE.



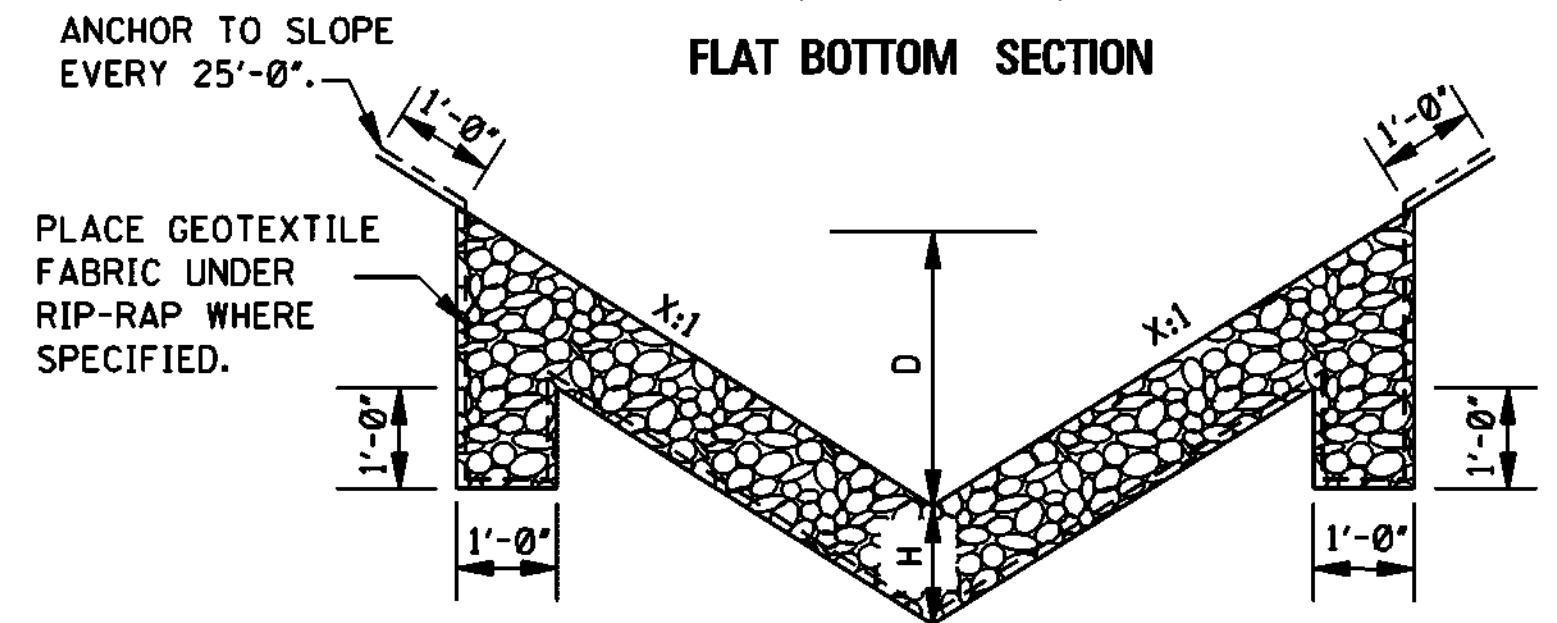
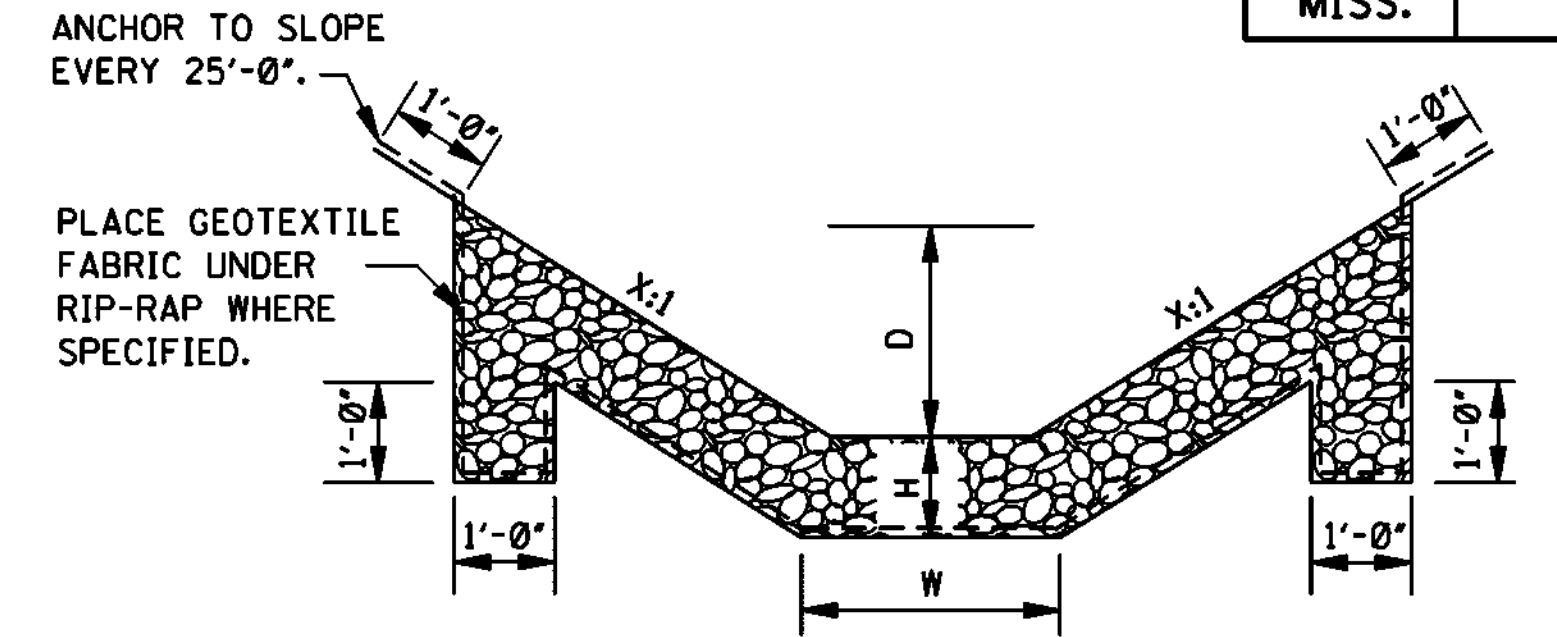
DITCH LINER TREATMENT
(EXCELSIOR BLANKET, JUTE MESH OR EROSION CONTROL FABRIC)

NOTE: DITCHES TREATED WITH DITCH LINER WILL BE VEGETATED PRIOR TO TREATMENT, UNLESS OTHERWISE INDICATED.



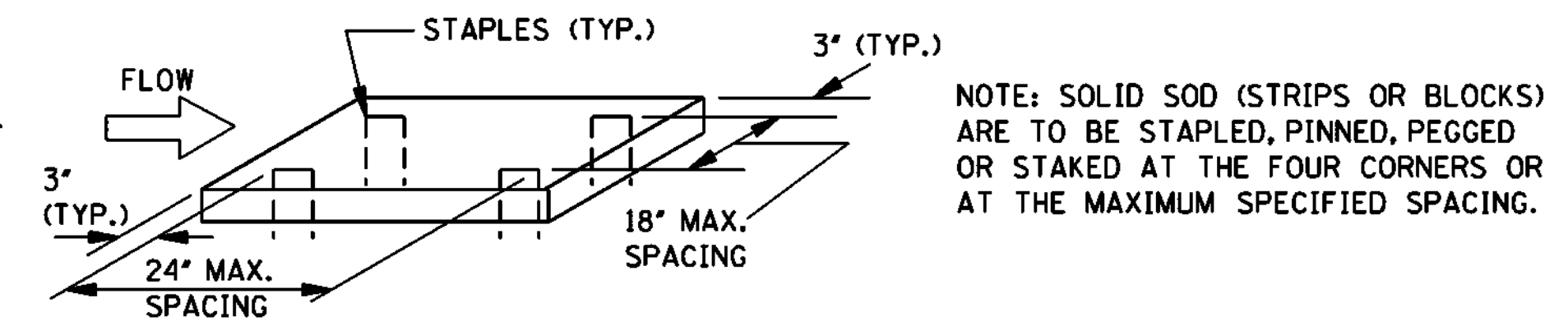
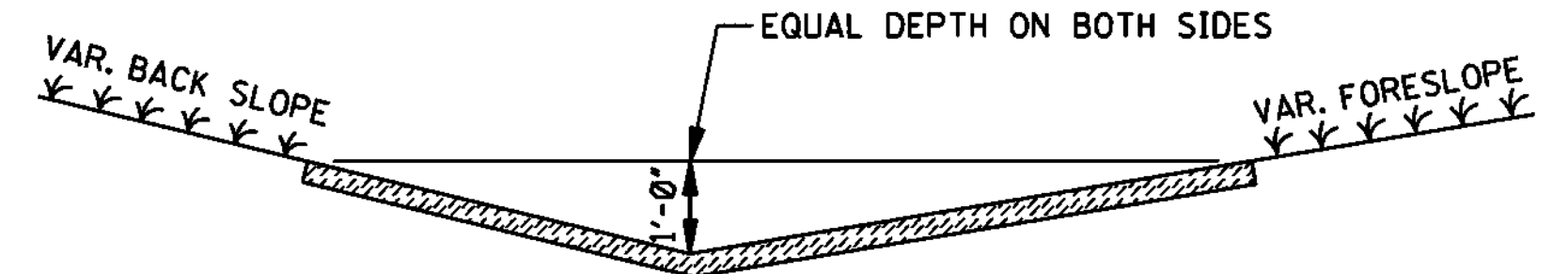
BITUMINOUS TREATED ROVING

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.



- NOTES:
1. DIMENSIONS D, W AND X ARE VARIABLE AND ARE SHOWN ELSEWHERE ON THE PLANS.
 2. 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

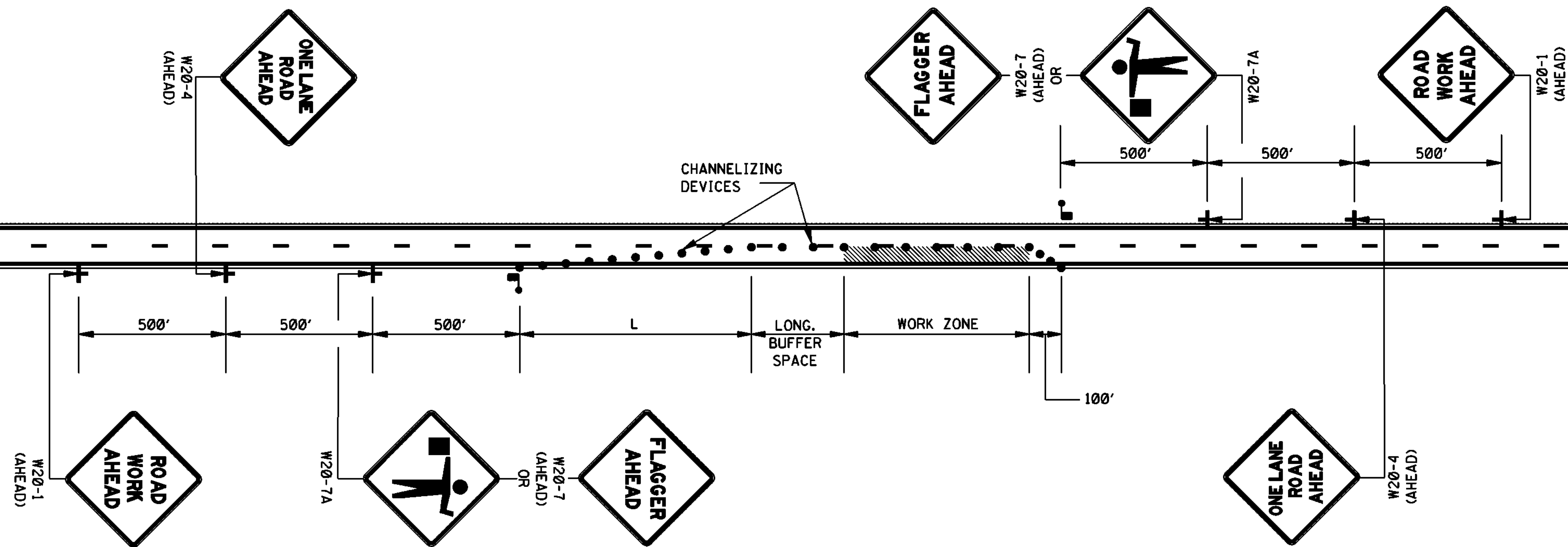


- GENERAL NOTE:
1. FOR LOCATION OF APPROPRIATE DITCH TREATMENTS, SEE PLAN SHEETS AS DENOTED BY THE FOLLOWING LEGEND OR AS DIRECTED BY THE ENGINEER:

- DITCH LINER
- BITUMINOUS TREATED ROVING
- SOLID SOD
- CONCRETE PAVED DITCH
- RIP-RAP

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
REVISION		DETAILS OF TYPICAL DITCH TREATMENTS	
DATE		ISSUE DATE: OCTOBER 1, 1998	
		WORKING NUMBER DT-1	
		SHEET NUMBER 6145	

STATE	PROJECT NO.
MISS.	



LEGEND

- FLAGGER
- CHANNELIZING DEVICES

GENERAL NOTES:

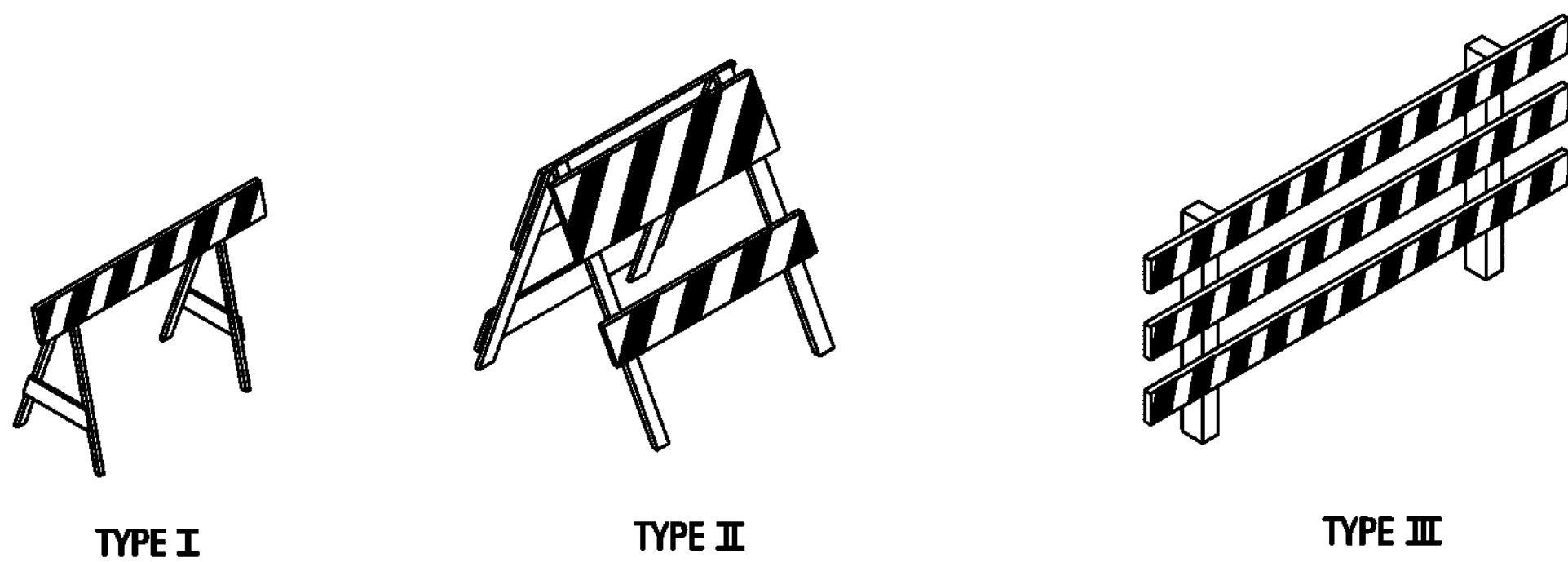
1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE:

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

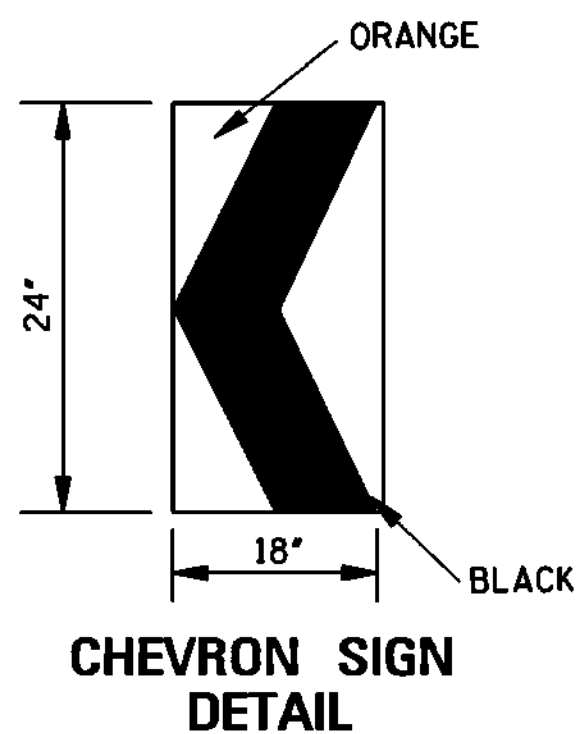
2. ALL CHANNELIZING DEVICES SHALL BE A MINIMUM OF 24" IN HEIGHT.
3. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.
4. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHALL BE A MINIMUM OF 48" x 48".
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.

[illegible]

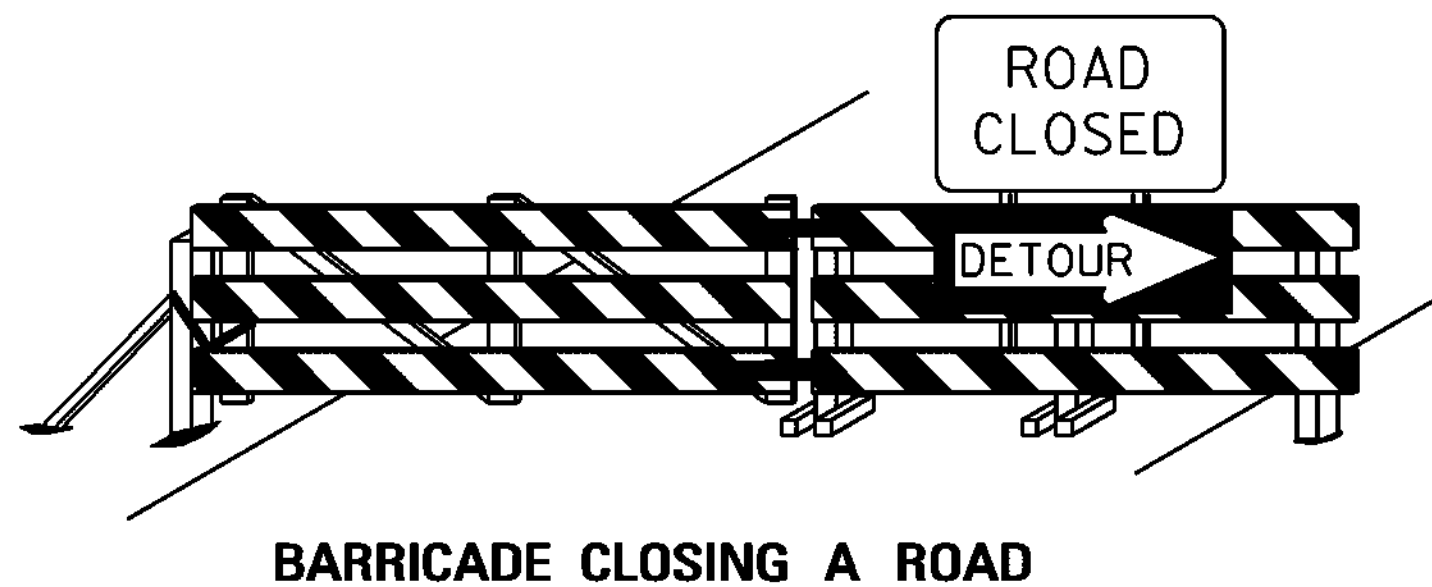


STANDARD BARRICADES

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.

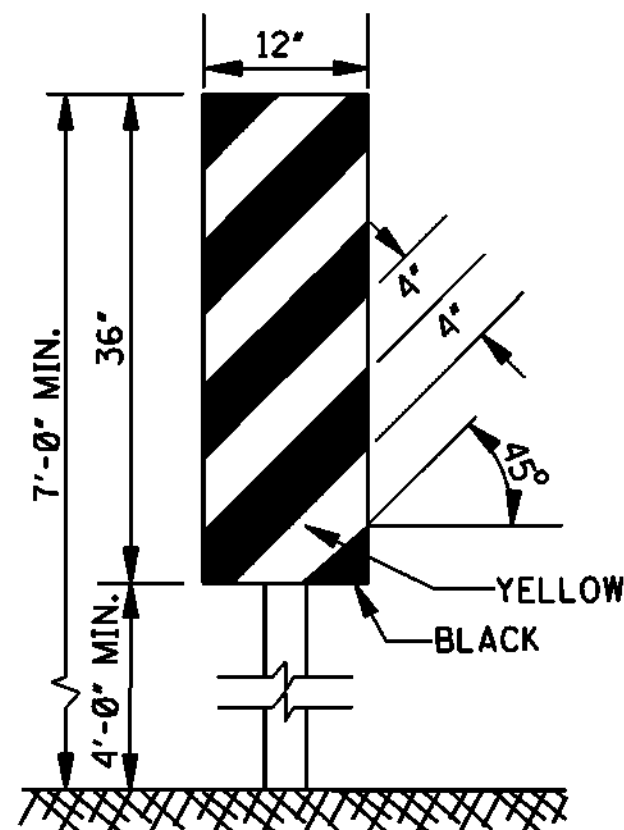


BARRICADE CLOSING A ROAD

BARRICADE CHARACTERISTICS

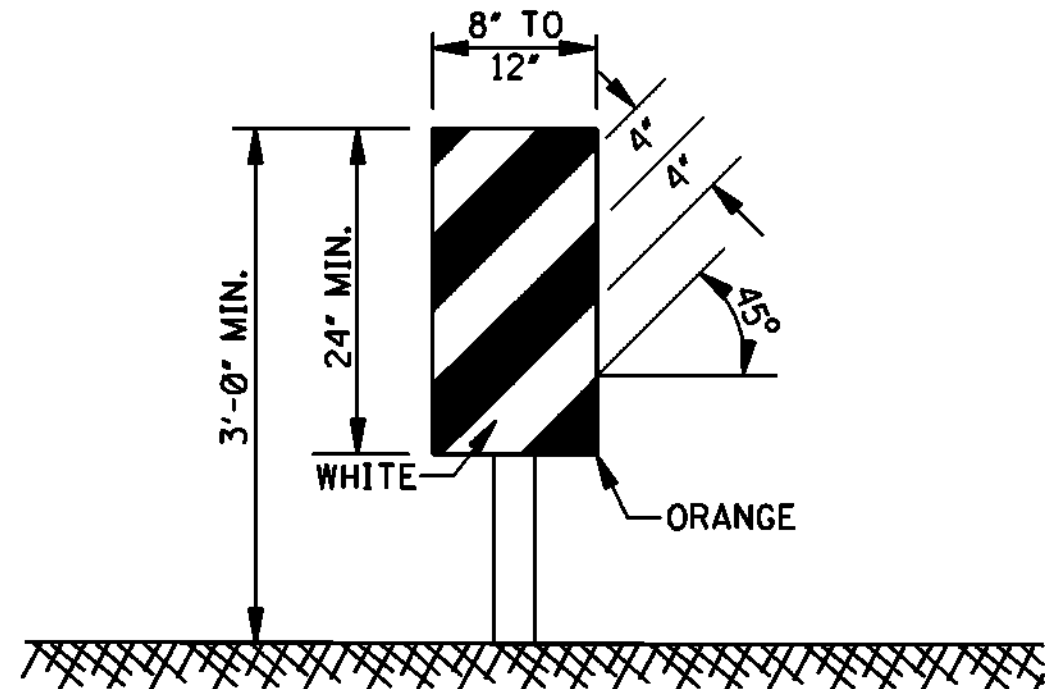
	I	II	III
WIDTH OF RAIL **	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.	8" MIN. - 12" MAX.
LENGTH OF RAIL **	24" MIN.	24" MIN.	48" MIN.
WIDTH OF STRIPE *	6"	6"	6"
HEIGHT	36" MIN.	36" MIN.	60" MIN.
NUMBER OF REFLECTORIZED RAIL FACES	2 (ONE EACH DIRECTION)	4 (TWO EACH DIRECTION)	3 IF FACING TRAFFIC IN ONE DIRECTION 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.

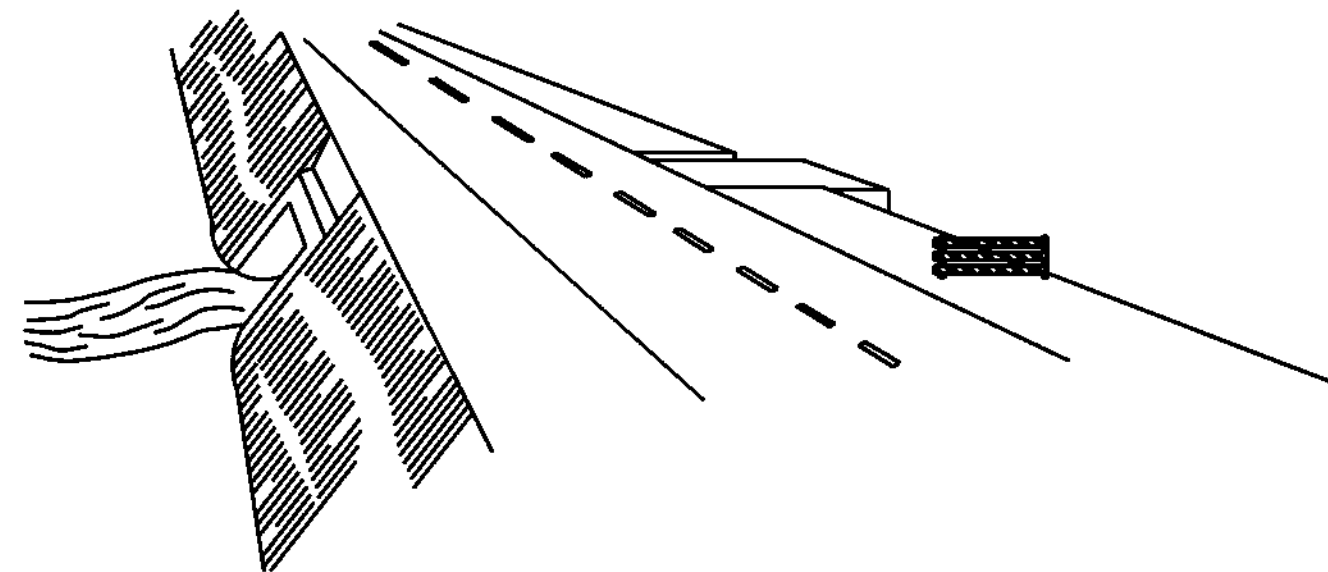


VERTICAL PANEL

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.

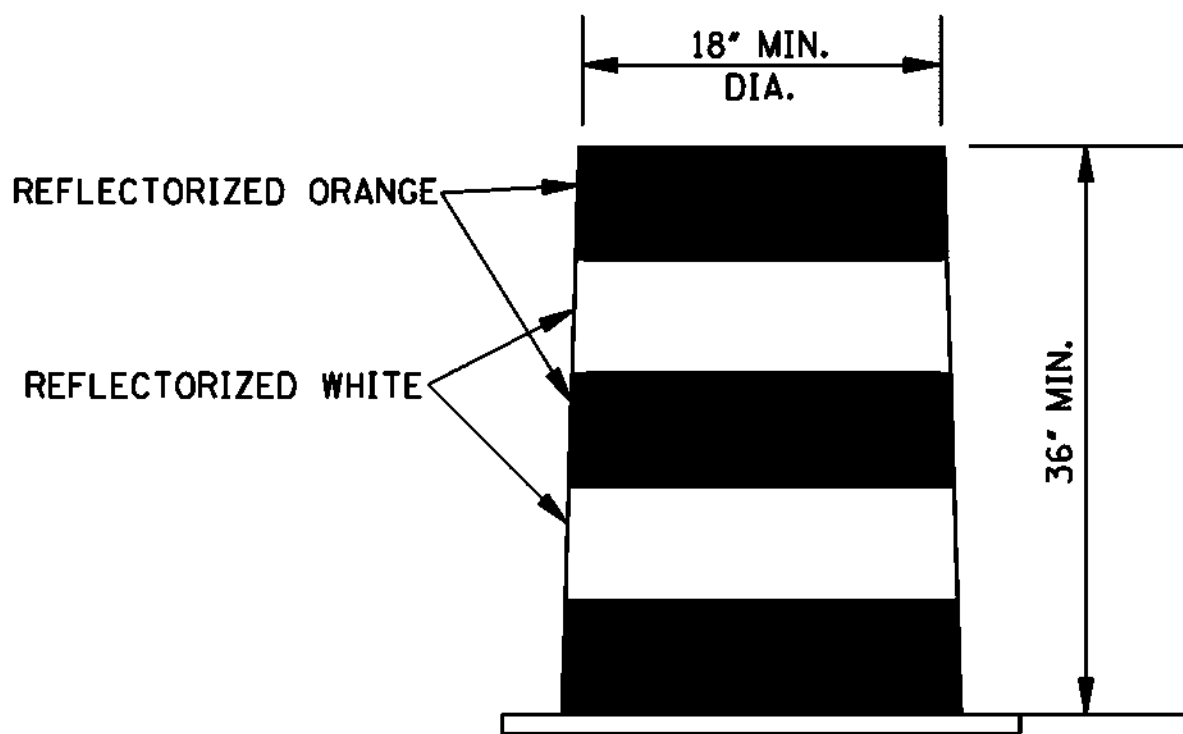
GENERAL NOTES:

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	

STATE	PROJECT NO.
MISS.	

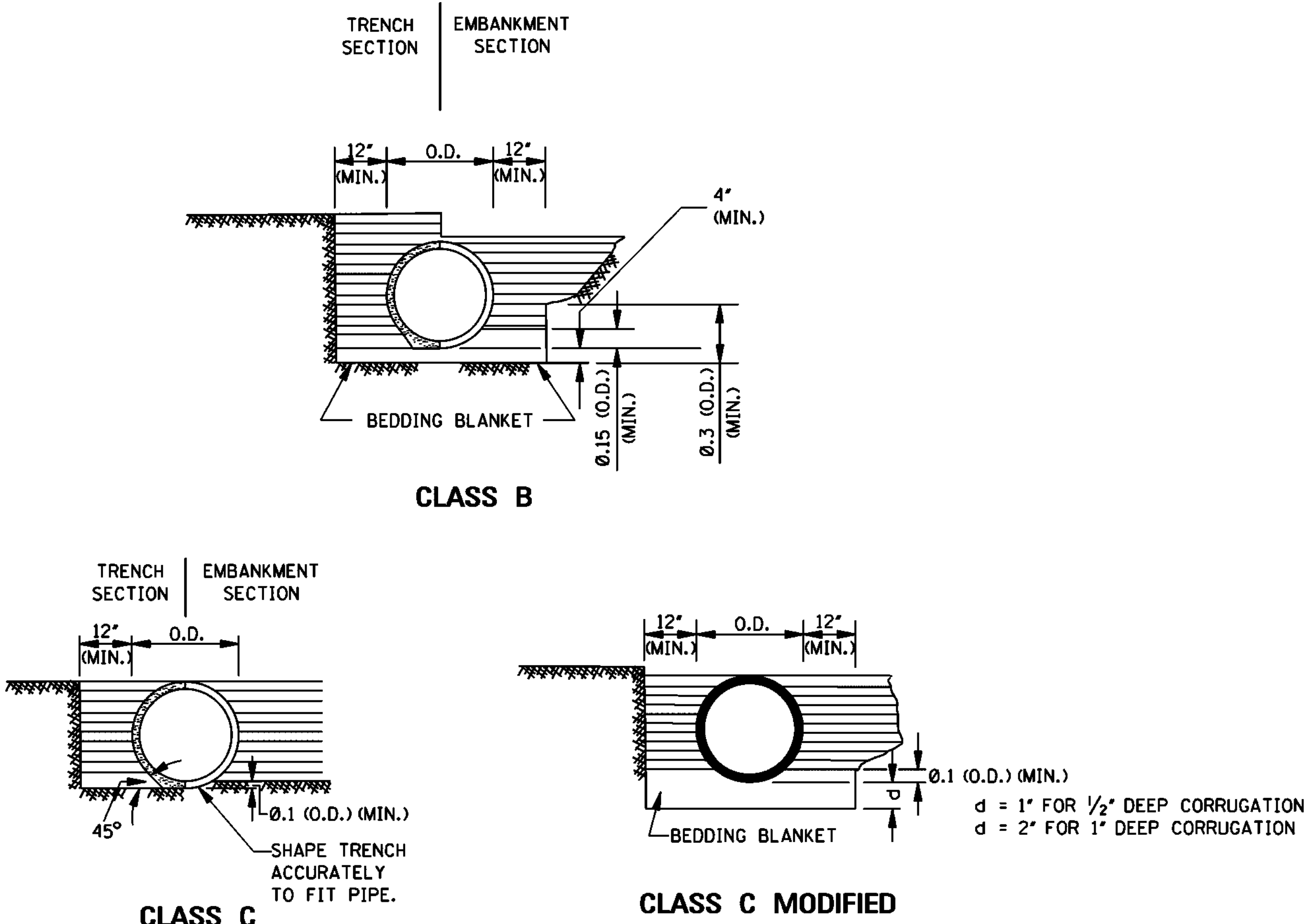
CORRUGATED STEEL AND ALUMINUM PIPE (ROUND) H-20 LOADING						
PIPE DIAMETER (in)	MINIMUM COVER FROM TOP OF PIPE TO TOP OF SUBGRADE (in)	MAXIMUM FILL HEIGHT ABOVE TOP OF PIPE (ft)				
		SHEET THICKNESS (in)				
		0.064 STEEL 0.060 ALUM. 16 GAGE	0.079 STEEL 0.075 ALUM. 14 GAGE	0.109 STEEL 0.105 ALUM. 12 GAGE	0.138 STEEL 0.135 ALUM. 10 GAGE	0.168 STEEL 0.164 ALUM. 8 GAGE
		2 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.



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'

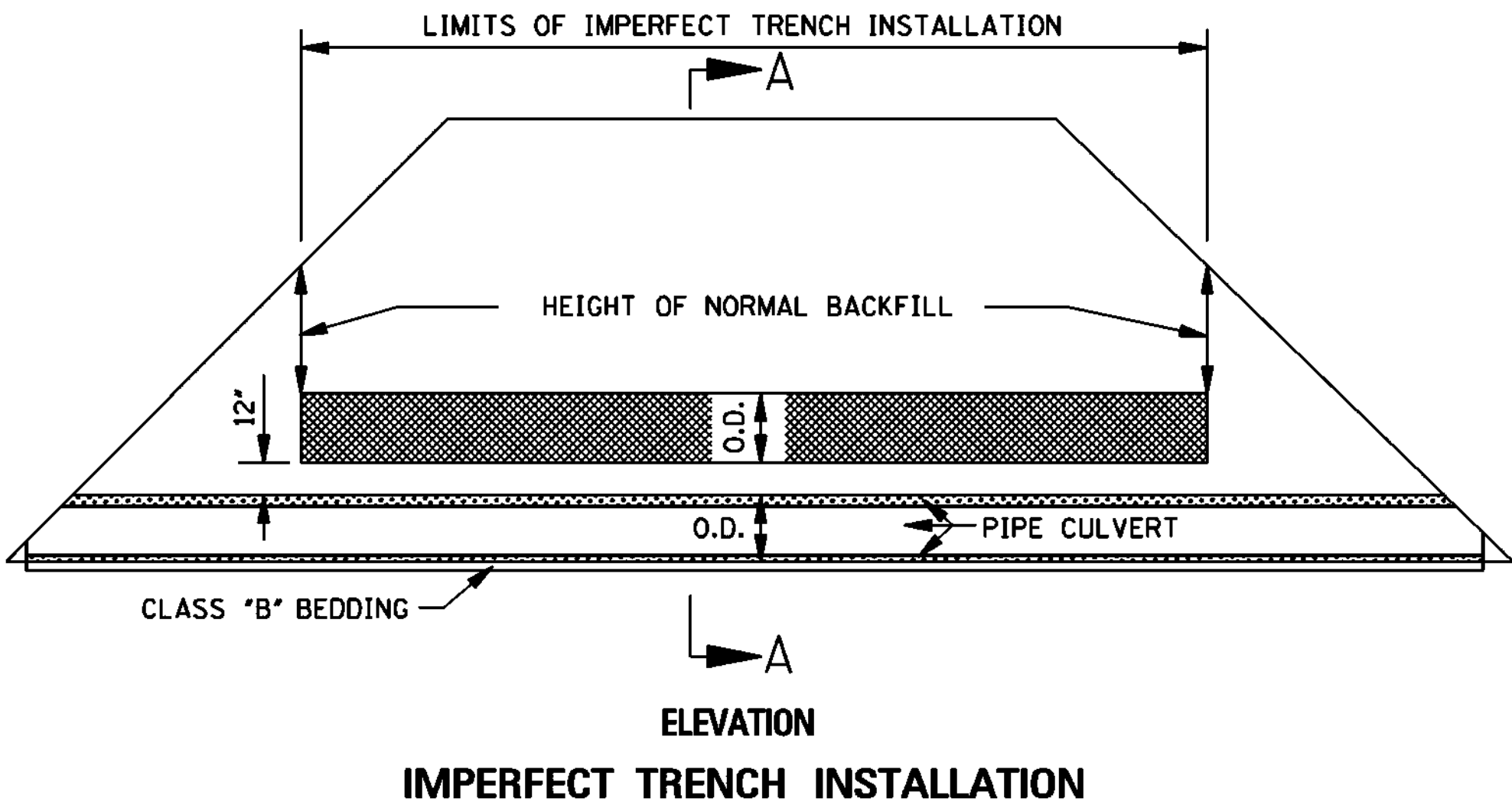
NOTE: CLASS OF PIPE AND BEDDING TO BE CONSISTENT THROUGHOUT THE PIPE LENGTH.

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'

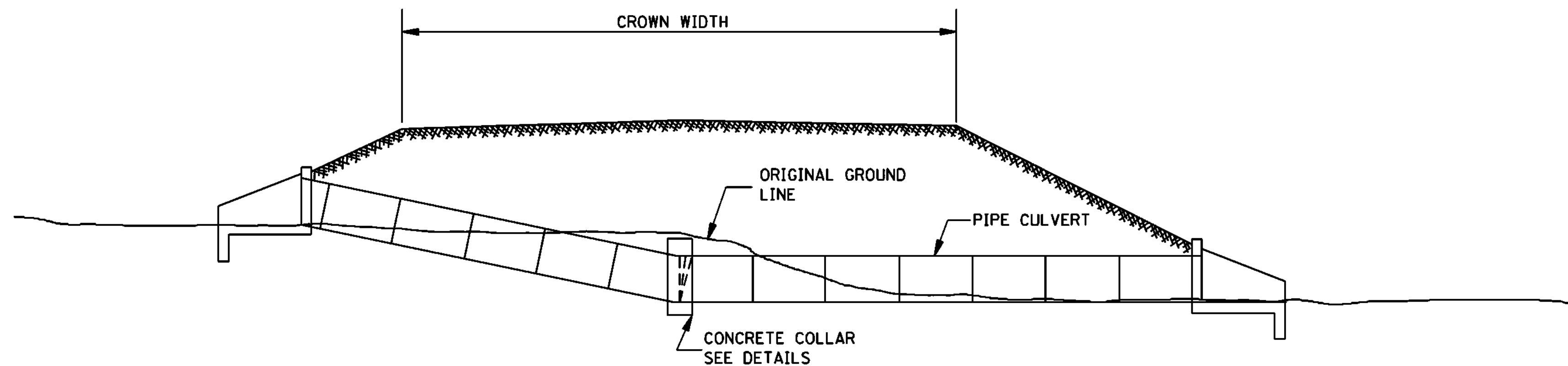
NOTES:
* 1. INDICATES NO LIMIT OF FILL HEIGHT (130 lbs/ft³).
2. TRENCH WIDTH (B_d) NO GREATER THAN 16" PLUS O.D.
3. FACTOR OF SAFETY IS 1.25 ON MINIMUM ULTIMATE STRENGTH.
4. MINIMUM COVER FOR HIGHWAY LOADS IS 18".
5. PERFORATED PIPE SHALL BE TYPE 1.

GENERAL NOTES:

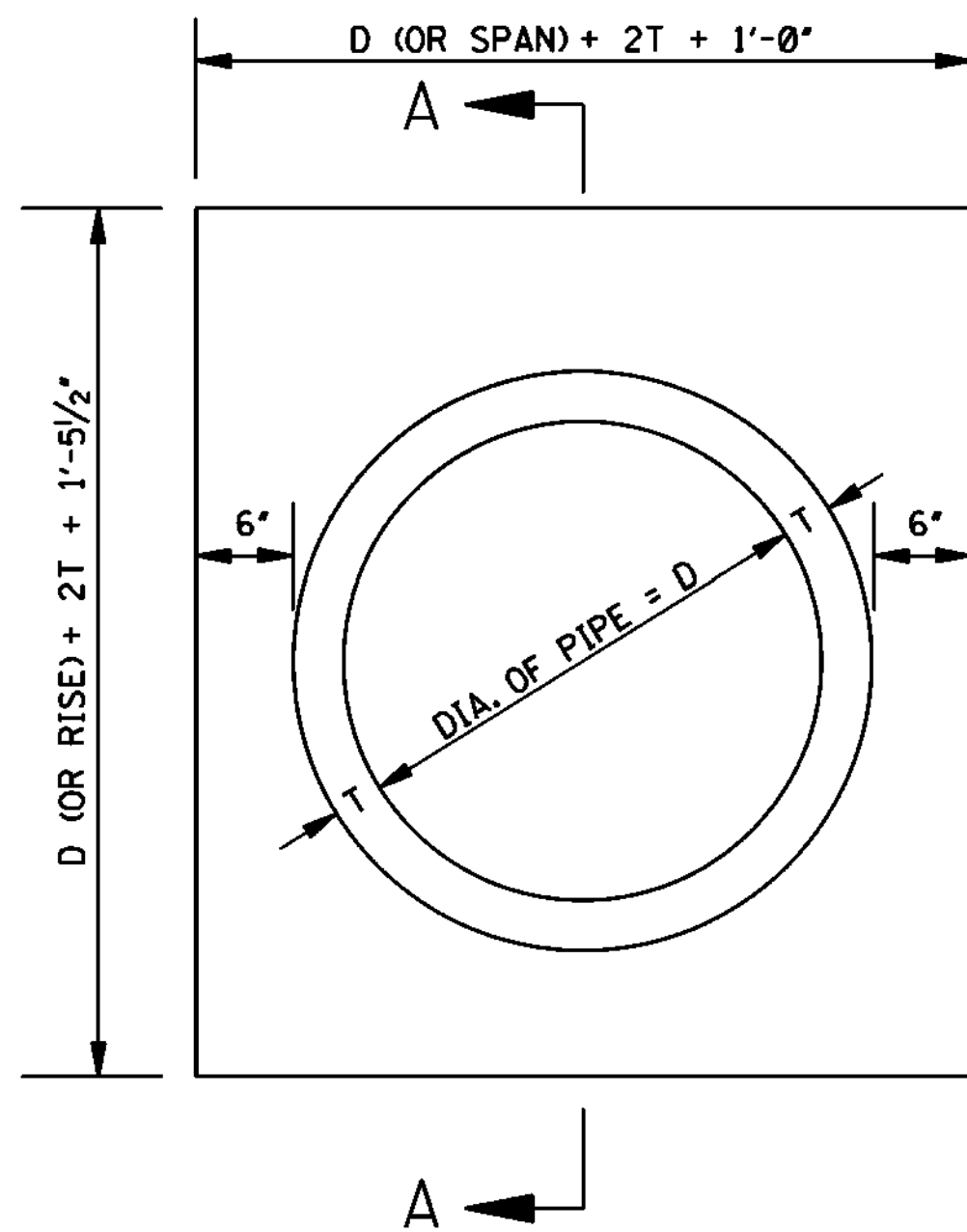
1. MINIMUM SPACING BETWEEN MULTIPLE LINES OF PARALLEL PIPE SHALL BE THE DISTANCE REQUIRED FOR INSTALLING THE ADJACENT FLARED END SECTIONS OR AS SHOWN ON THE HEADWALL DRAWINGS FOR CONDUITS REQUIRING HEADWALLS.
2. UNLESS OTHERWISE INDICATED, THE TOP OF THE PIPE SHALL BE BELOW THE TOP OF THE SUBGRADE, AND 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 MISSISSIPPI DEPARTMENT OF TRANSPORTATION WORKING NUMBER PI-1			
DATE				ISSUE DATE: <u>OCTOBER 1, 1998</u>			
				SHEET NUMBER 6300			

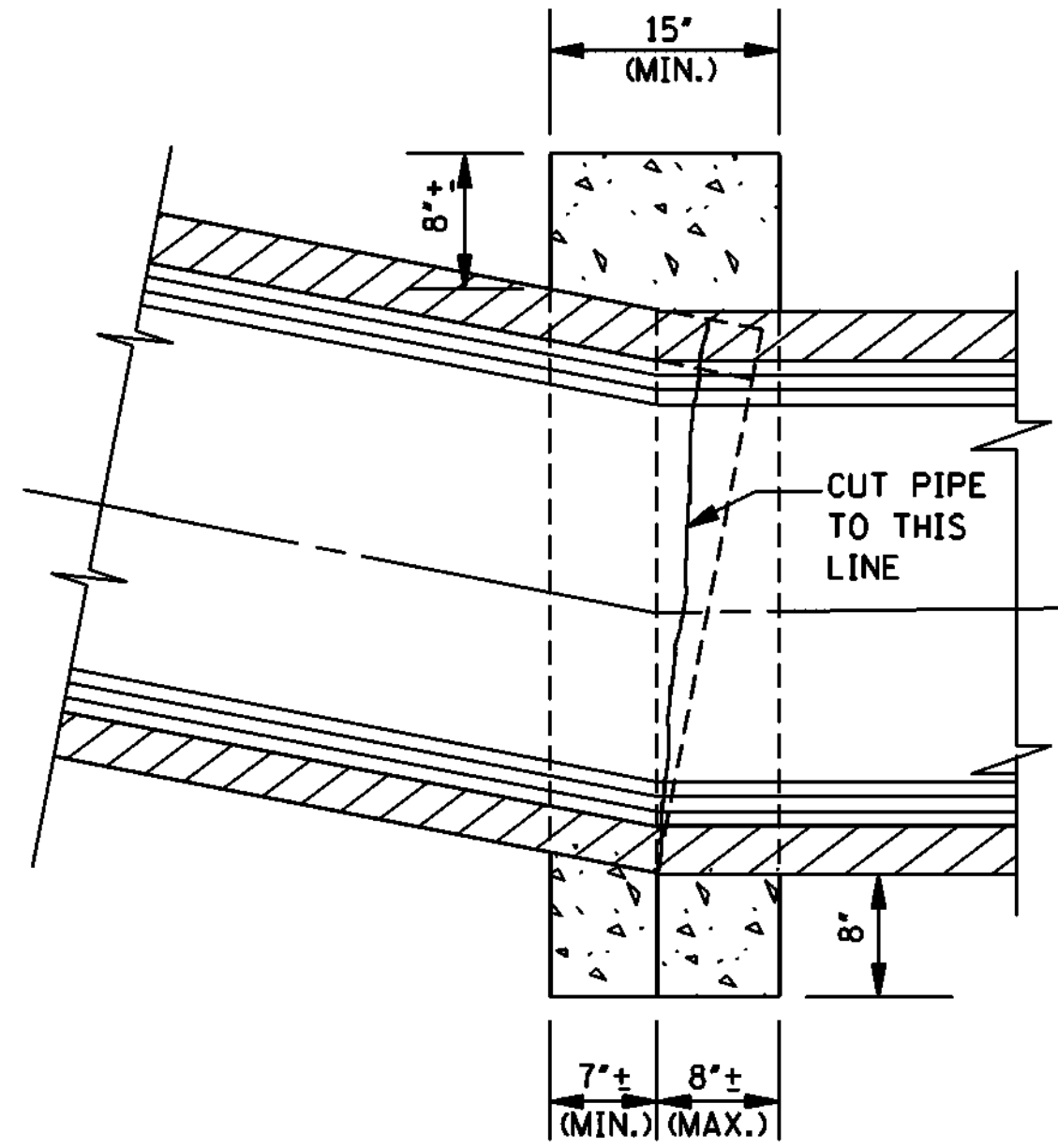


TYPICAL INSTALLATION FOR PIPE CULVERT WITH BROKEN FLOW LINE



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:

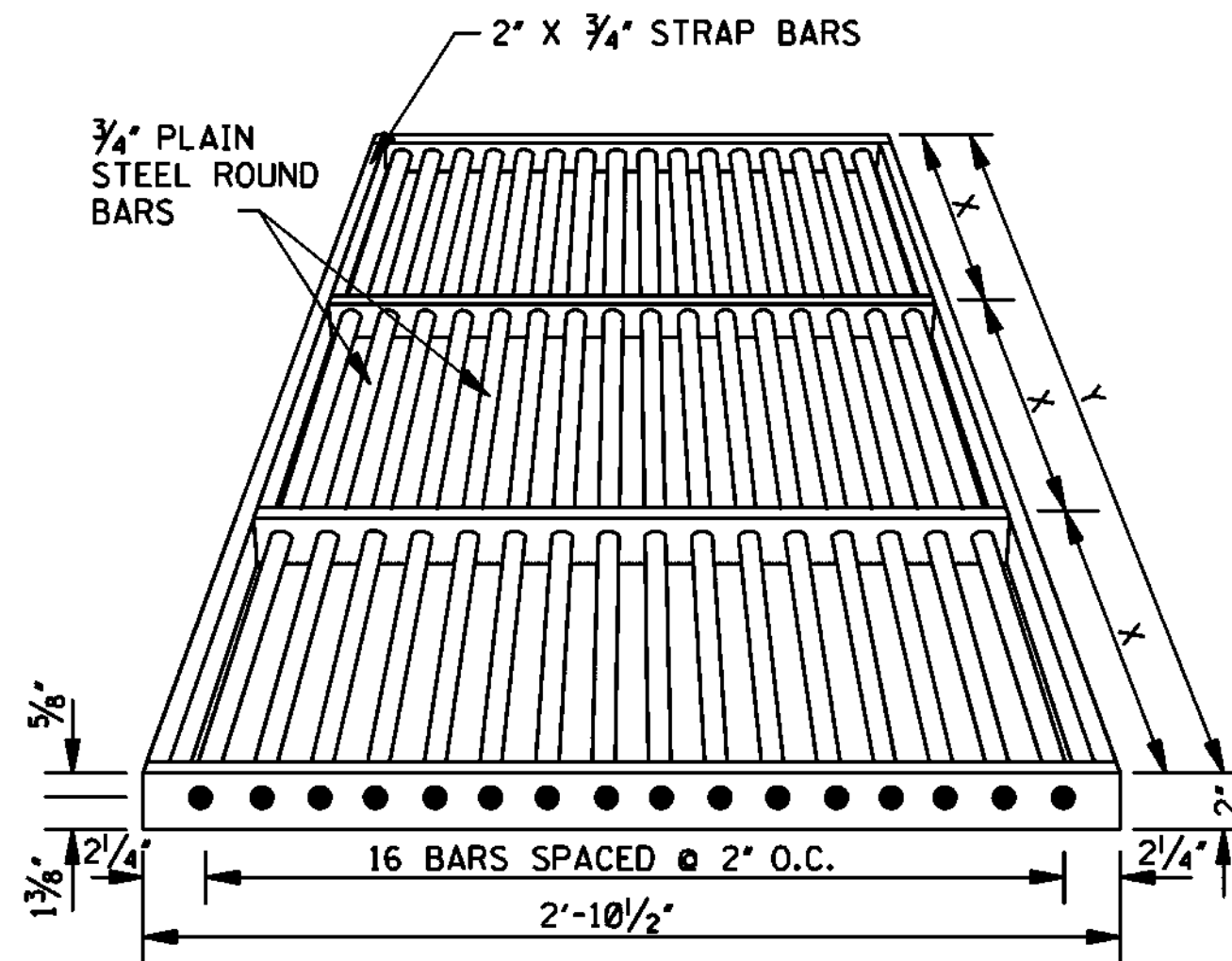
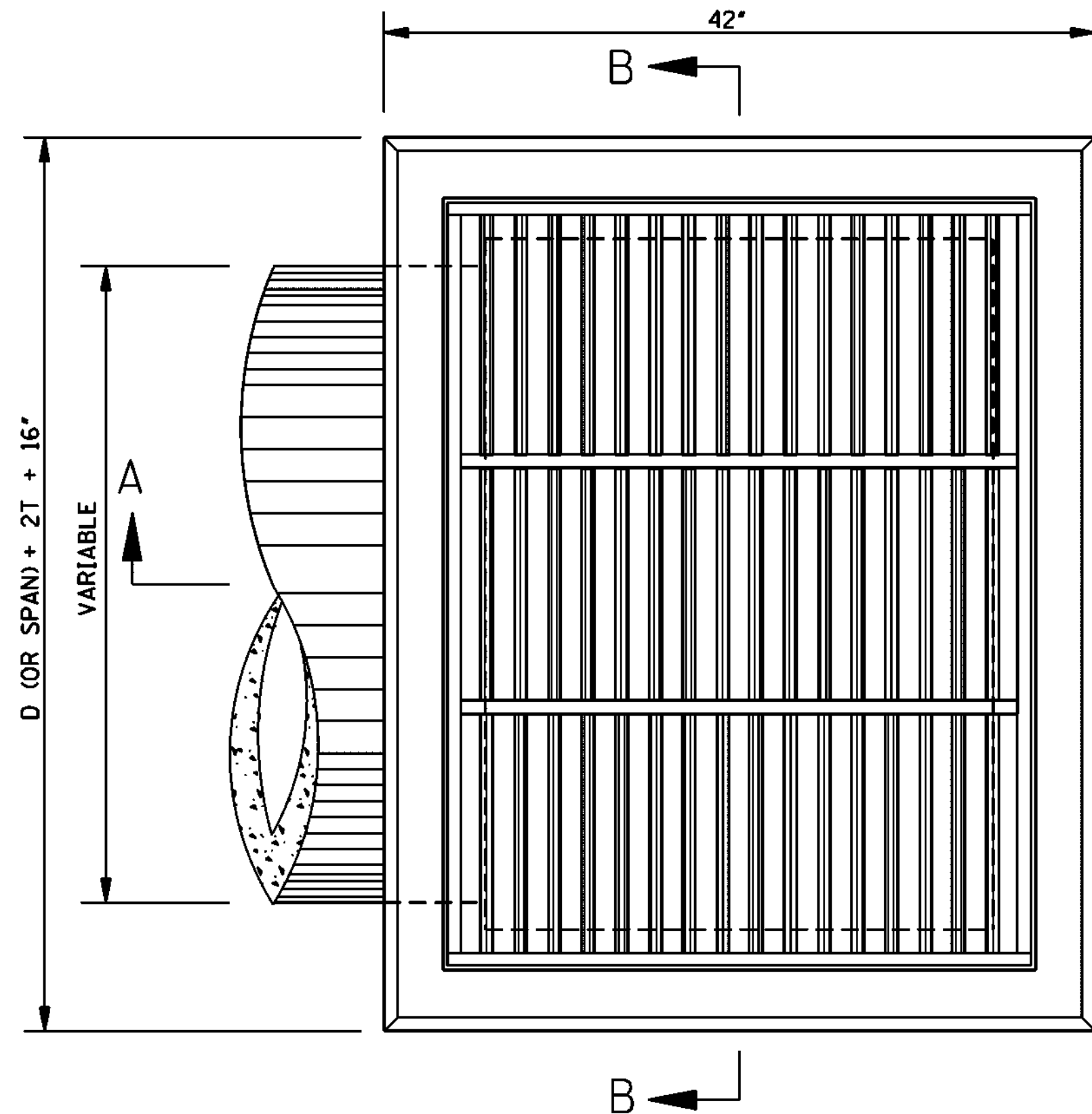
QUANTITIES FOR CONCRETE COLLAR FOR PIPE CULVERTS			
CIRCULAR PIPE		ARCH PIPE	
DIA. OF PIPE	CLASS "B" CONCRETE (yd ³)	SIZE OF PIPE	CLASS "B" CONCRETE (yd ³)
12"	0.240		
15"	0.260	18 x 11	0.280
18"	0.320	22 x 13	0.310
24"	0.410	29 x 18	0.410
30"	0.510	36 x 23	0.490
36"	0.620	44 x 27	0.600
42"	0.730	51 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	
				DATE	ISSUE DATE: OCTOBER 1, 1998
					WORKING NUMBER PC-1
					SHEET NUMBER 6301

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ENGLISH

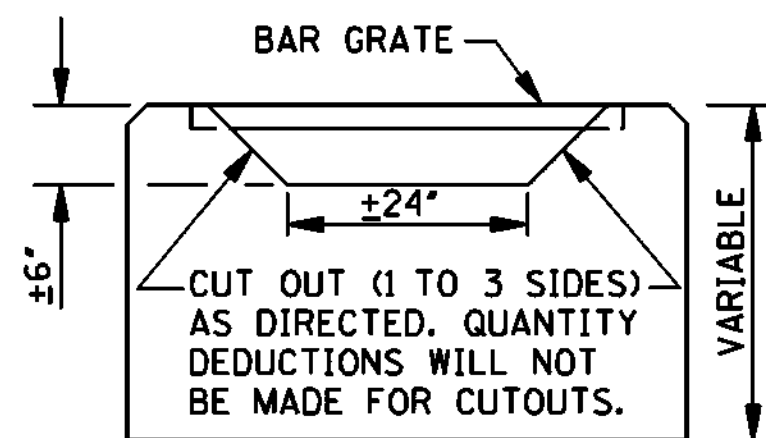
A, #4 BARS	AS PER TABLE
B, #4 BARS	D (OR SPAN) + 2T + 9"
C, #4 BARS	34"
D, #4 BARS	D (OR RISE) + T + 4"

BARS "A", "B", "C" & "D"

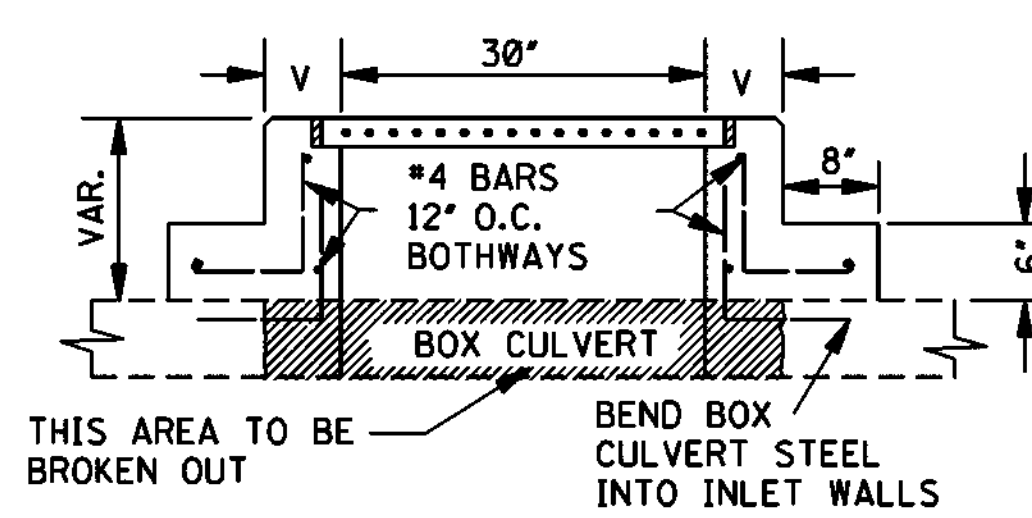


BAR GRATE DETAILS

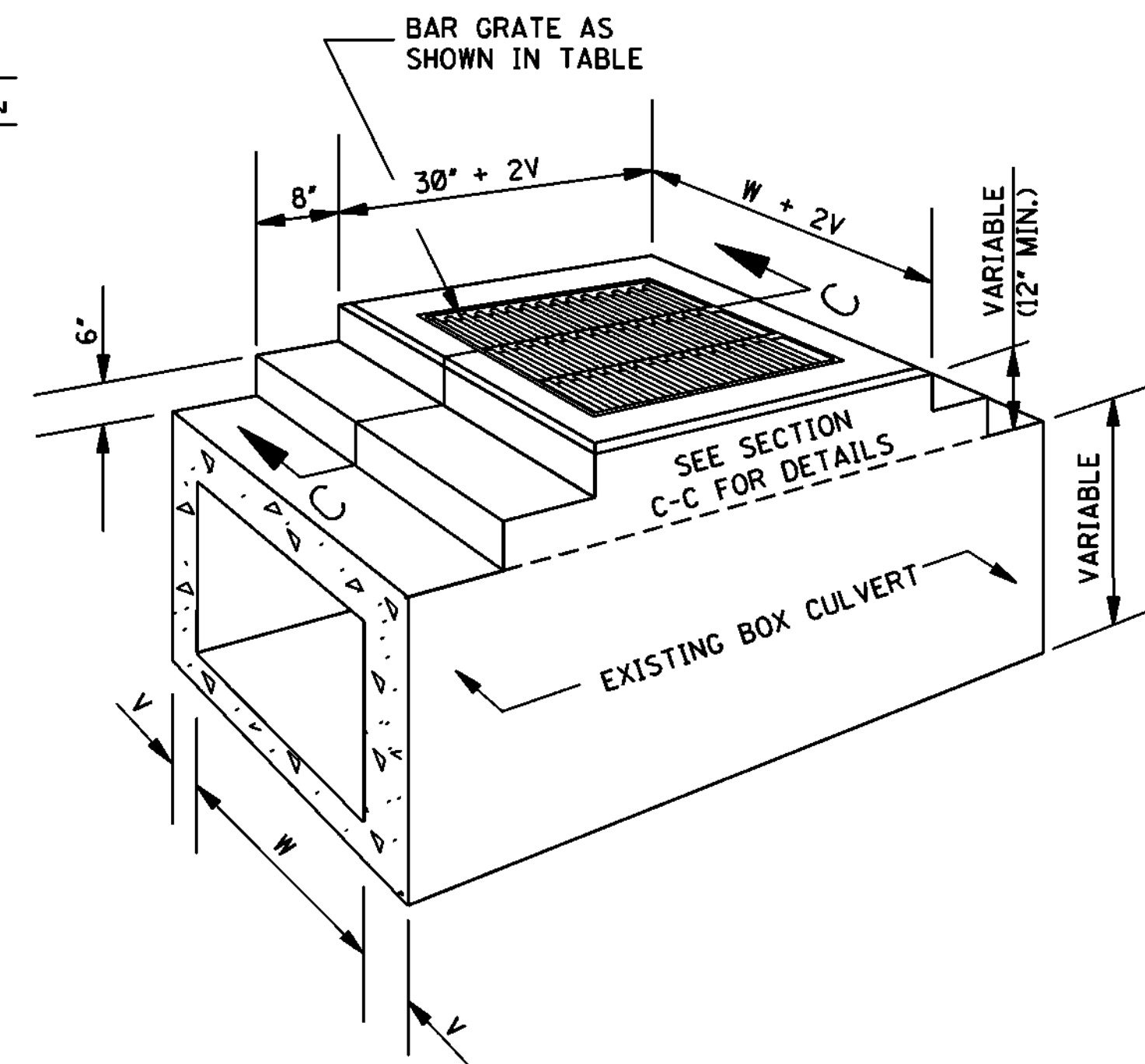
NOTE: JUNCTIONS OF ROUND AND STRAP BARS SHALL BE WELDED. GRATE SHALL BE SHOP COATED WITH APPROVED COAL TAR PITCH VARNISH.



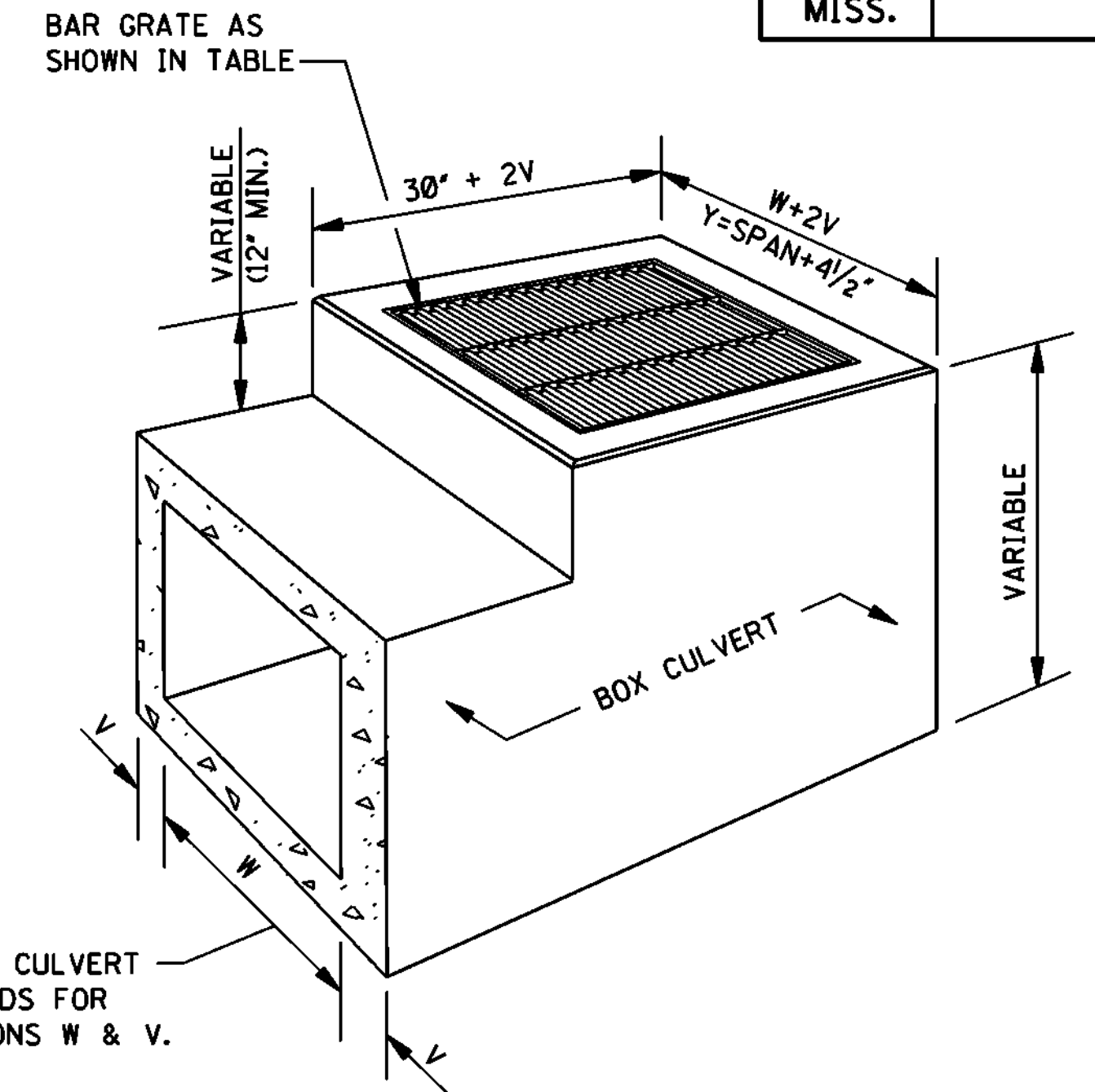
ELEVATION
MODIFIED PIPE OR
BOX CULVERT INLET



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 3/4"	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 3/8"	5	305		5' X 3'	5'-4 1/2"	1'-4 1/8"	4	247	
						6' X 3'	6'-4 1/2"	1'-3 3/4"	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 (\$500,000) 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 (\$1,000,000) 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.

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:

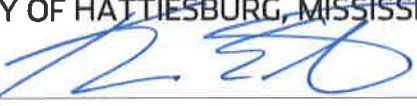
BID:

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



City of Hattiesburg, MS

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

Master

File Number: 2018-229

File ID: 2018-229

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 02/12/2018

Brief Title: Approve plans, specifications and advertisement for bids for South 28th Ave Bridge Replacement project.

Final Action:

Minute Book Number: MB2018-44

Title:

Approve plans and specifications for the South 28th Avenue Bridge Replacement Project; Authorize advertisement for bids for same.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: VI.-7

Sponsors:

Enactment Date:

Attachments: 11204 construction plans signed 2018-02-12,
11204_Specs_Review Set_2018_02_12,
Advertisement For Bids, executed Advertisement For
Bids for S. 28th Ave. Bridge Replacement Project

Enactment Number:

Contact:

Meeting Date: 02/20/2018

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	02/20/2018					

Text of Legislative File 2018-229

Title

Approve plans and specifications for the South 28th Avenue Bridge Replacement Project;
Authorize advertisement for bids for same.

Summary

Approve plans and specifications for the South 28th Avenue Bridge Replacement Project;
Authorize advertisement for bids for same.

Budget Information

072201.7210.02

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

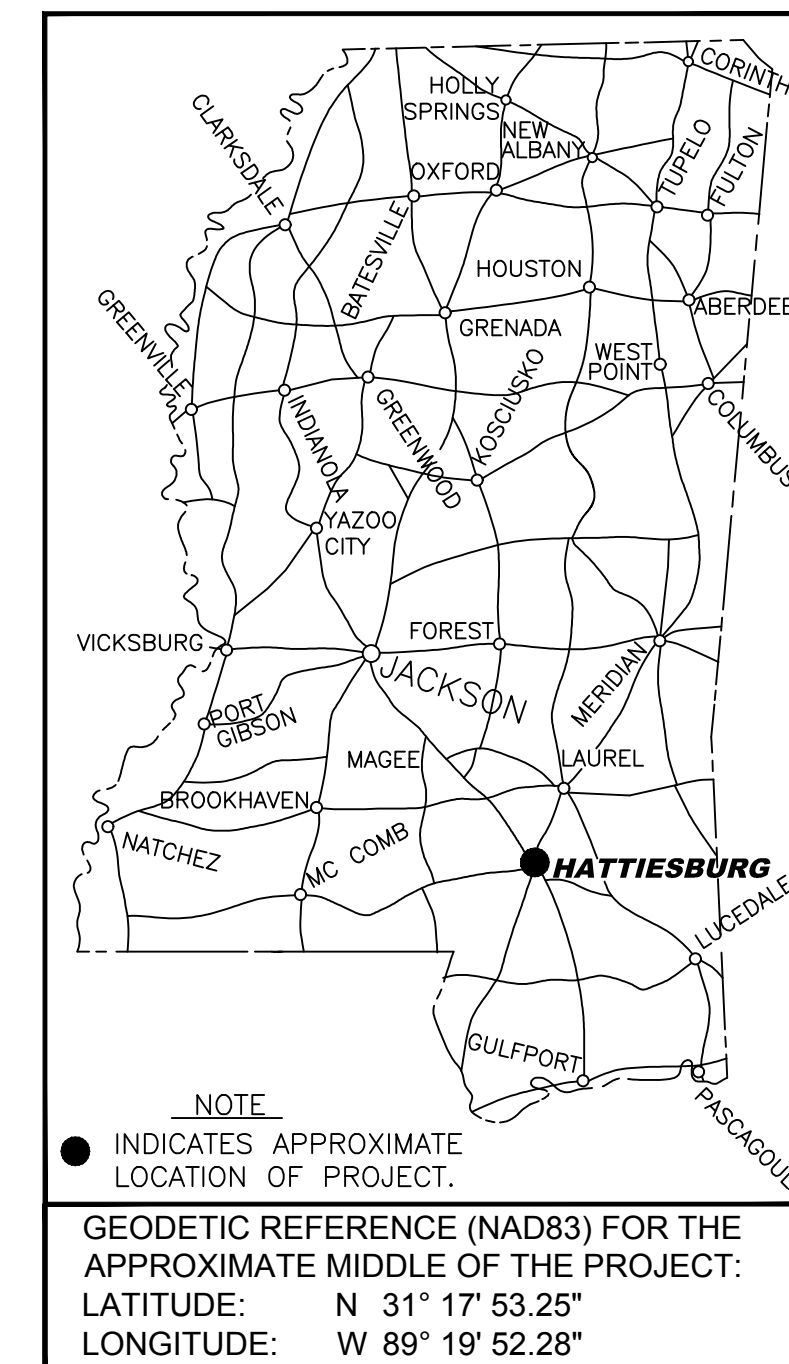
WATER
CITY OF HATTIESBURG
WATER & SEWER DEPT.
900 JAMES ST
HATTIESBURG, MS 39403
(601) 545-4530

TRAFFIC
CITY OF HATTIESBURG
TRAFFIC DEPT.
125 WALNUT ST
HATTIESBURG, MS 39401
(601) 545-4626

FOR THE

CITY OF HATTIESBURG

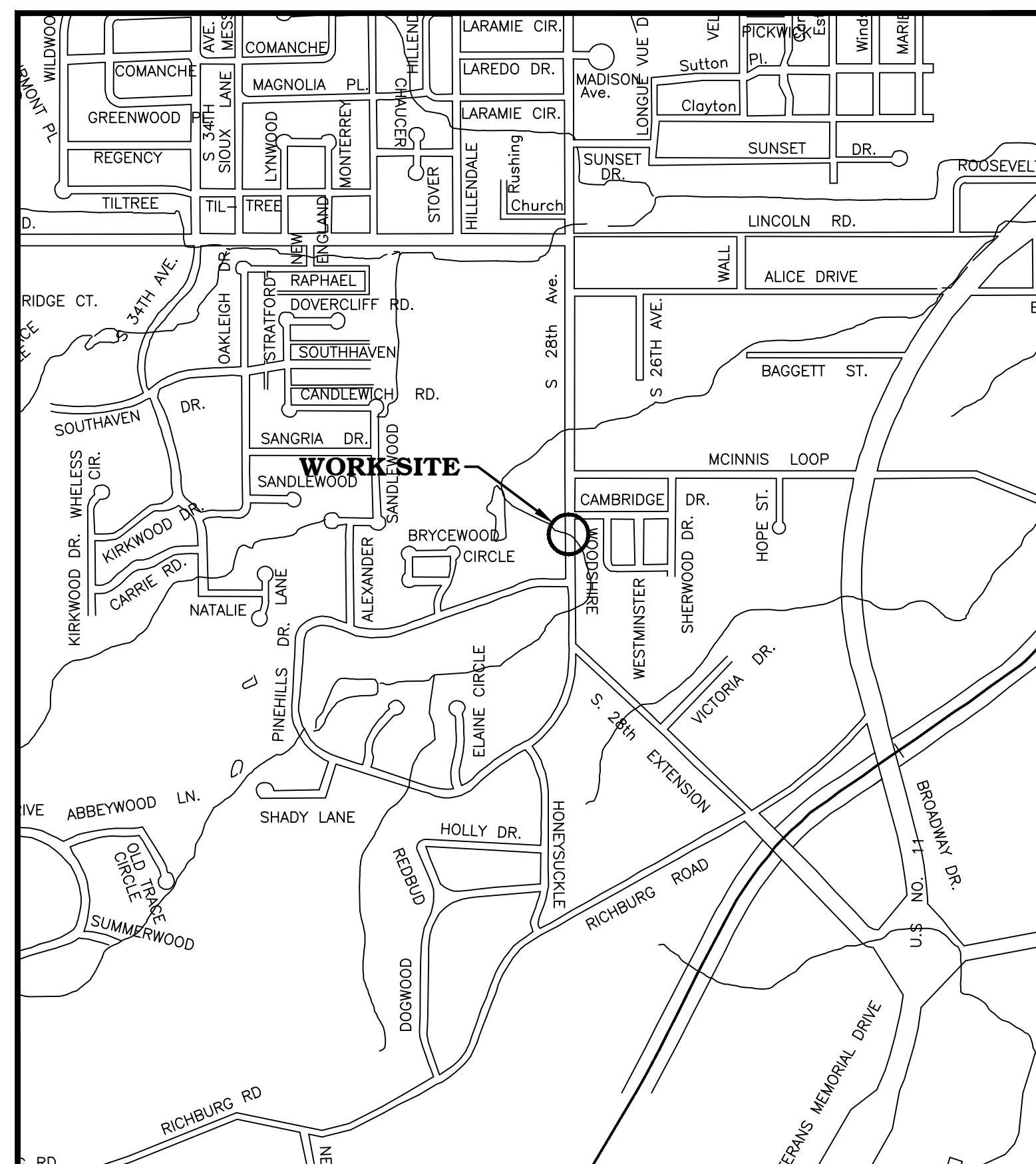
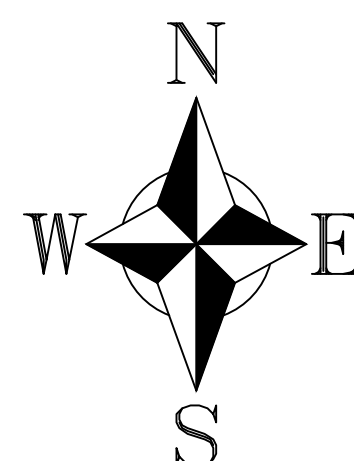
FORREST COUNTY, MISSISSIPPI



SEE SHEET No. 2 FOR DETAIL SHEET INDEX



Know what's **below**.
Call before you dig.



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.

[illegible]

FEBRUARY 2018

NO.	DATE	DESCRIPTION	RY

MAYOR
Toby Barker

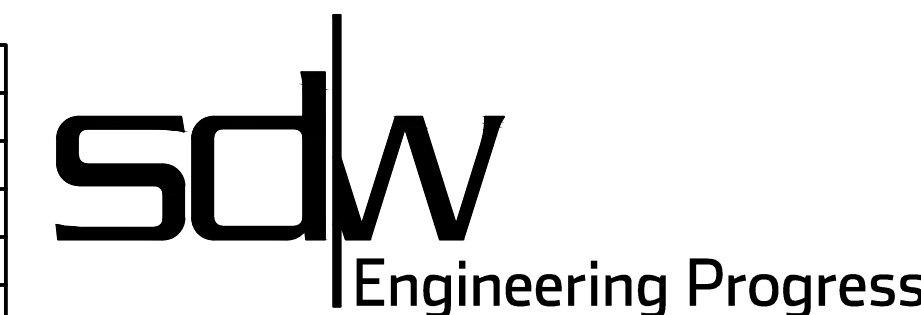
COUNCIL PERSONS

Carter Carroll, President
Mary Dryden, Vice President
Jeffery George
Deborah Denard Delgado
Nicholas Brown

DIRECTOR OF ENGINEERING

Lamar Rutland, PE

PREPARED BY:



Working No. 01

Sheet No. 1

Drawing No.: 11204

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

C:\PROJECTS\Hattiesburg_City\011204 - South 28th Avenue Bridge Replacement\11204_C3D\CAD Files\11204 cover and notes.dwg, 02, 2/12/2018 9:46:25 AM

DESCRIPTION OF SHEET

REV. DATE

WK. NO.

SHEET NO.

GENERAL NOTES:

TITLE SHEET (1)

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)

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07

BOX BEND DETAIL

08

RIPRAP DETAIL

09

TRAFFIC CONTROL PLAN

10

VEGETATION SCHEDULE

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HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS

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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

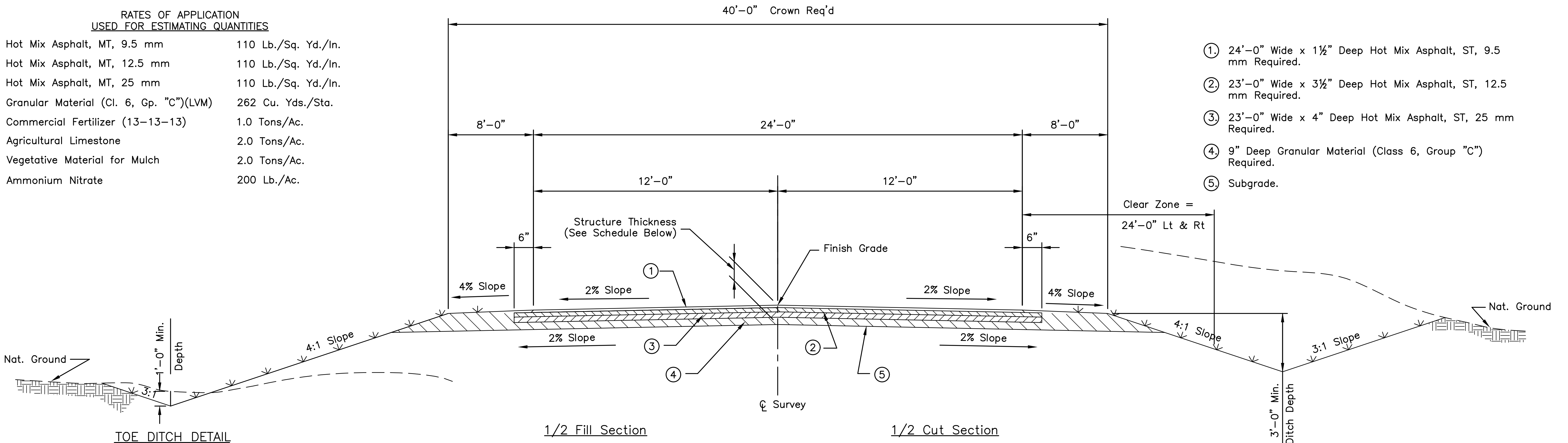
1. ALL TRAFFIC CONTROL SHALL BE MAINTAINED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. (LATEST EDITION).
2. ALL EXISTING STREET SIGNAGE CONFLICTING WITH CONSTRUCTION SHALL BE REMOVED DURING CONSTRUCTION, REPLACED AFTER CONSTRUCTION AND SHALL BE CONSIDERED PART OF MAINTENANCE OF 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.

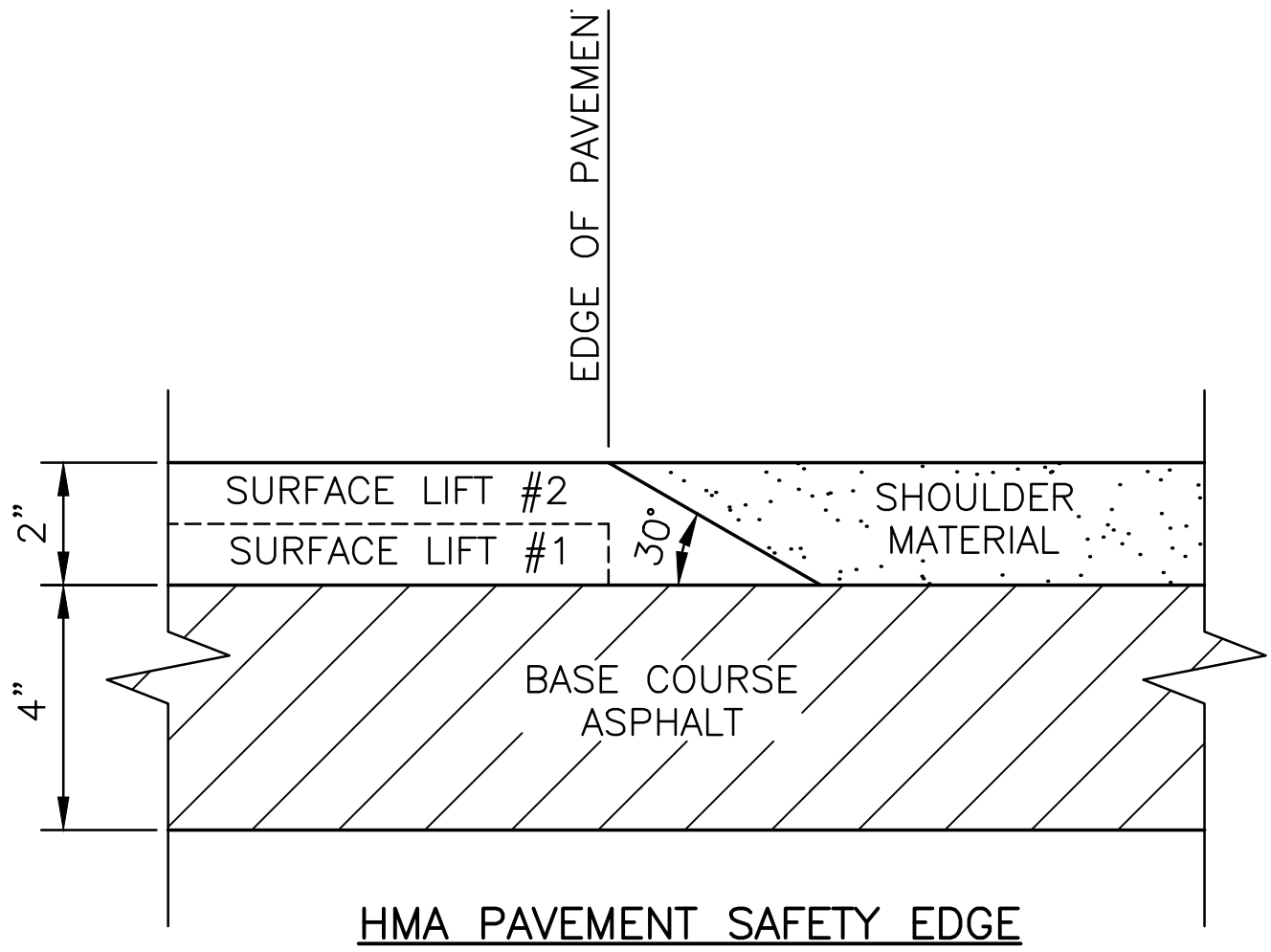
GENERAL NOTES

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			
Drawn by: NMC		Checked by: NMC	
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	

SUMMARY OF HYDRAULIC DESIGN DATA

[illegible]

* HEADWATER ELEVATION VALUES SHOWN ON THESE PLANS ARE THEORETICAL AND MAY VARY FROM ACTUAL CONDITIONS.

ESTIMATED ASPHALT AND GRANULAR MATERIAL SCHEDULE

ESTIMATED ASPHALT AND GRANULAR MATERIAL SCHEDULE							
Area	Granular Material	4" - 25 mm Hot Mix Asph.		3½" - 12.5 mm Hot Mix Asph.		1½" - 9.5 mm Hot Mix Asph.	
		Cu. Yd.	Sq. Yd.	Ton	Sq. Yd.	Ton	Sq. Yd.
Roadway	328	347.2	76.4	347.2	66.8	333.3	27.5
Intersections							
Ramps (0)							
Extra Area							
Total	328	347.2	76.4	347.2	66.8	333.3	27.5

BOX BRIDGE SCHEDULE

BOX BRIDGE SCHEDULE												
SH. NO.	STATION	LENGTH ALONG CL	SIZE	STATE STANDARDS	LENGTH	CLASS "BB" CONCRETE	REINF.	"T1"	"T2"	"V1"	"V2"	REMARKS
06	9+56.24	26.53	Dbl 12'x6'	7005,7136,7137,7138,7158, 7159,7160,7161,7162	101.00	337.80	60,610	1'-2"	11½"	9"	9"	WINGS W/ 3:1 SLOPE; 15° LT FWD SKEW; 64° BEND; 1 15° WING & 1 NORMAL WING
UNITS		FEET	FEET		FEET	CU. YD.	LBS.					

PORTLAND CEMENT EXPOSURE TO SOLUBLE SULFATES IS NEGLIGIBLE.

PIPE SCHEDULE

[illegible]

NOTE: TOE WALLS ARE NOT REQUIRED ON THE UPSTREAM OR DOWNSTREAM ENDS OF ALL PIPES.

NO.	DATE	DESCRIPTION	BY
ESTIMATED QUANTITY SHEET			
SOUTH 28th AVENUE BRIDGE REPLACEMENT CITY OF HATTIESBURG			
 Engineering Progress			
301 Second Ave. Hattiesburg, MS 39401 (g) 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. 05	

- UTILITY OWNERS
- Power — Mississippi Power Company, Hattiesburg, Mississippi
- Water — City of Hattiesburg, Hattiesburg, Mississippi [545-4540]
- Sewer — City of Hattiesburg, Hattiesburg, Mississippi [545-4540]
- Telephone — AT&T, Hattiesburg, Mississippi
- Gas — Willmut Gas Company, 301 S Main St. Hattiesburg, Mississippi [544-6001]

GENERAL NOTES

Existing Utilities Conflicting With Proposed Construction To Be Adjusted By Others In Accordance With Section II - 2 - 8 Of The S.O.P.

Elevations Based On MEAN SEA LEVEL Datum.

Elevations Referenced to Top of City of Hattiesburg Manhole # F-352, Located at the Intersection of Cambridge Drive and South 28th Avenue. Elev. 232.53

Drainage Areas Taken From USGS Topographic Maps.

HYDRAULIC DESIGN

< 25 Acres — Rational Method

> 25 Acres — "Flood Characteristics Of Mississippi Streams" 1991.

DESIGN DATA

Current ADT (2014) = 10,000 VPD

Design Speed = 45 MPH

SHRINKAGE FACTORS

Granular Material (Class 6, Group C) = 1.50

Unclassified Excavation = 1.50

Borrow Excavation = 1.50

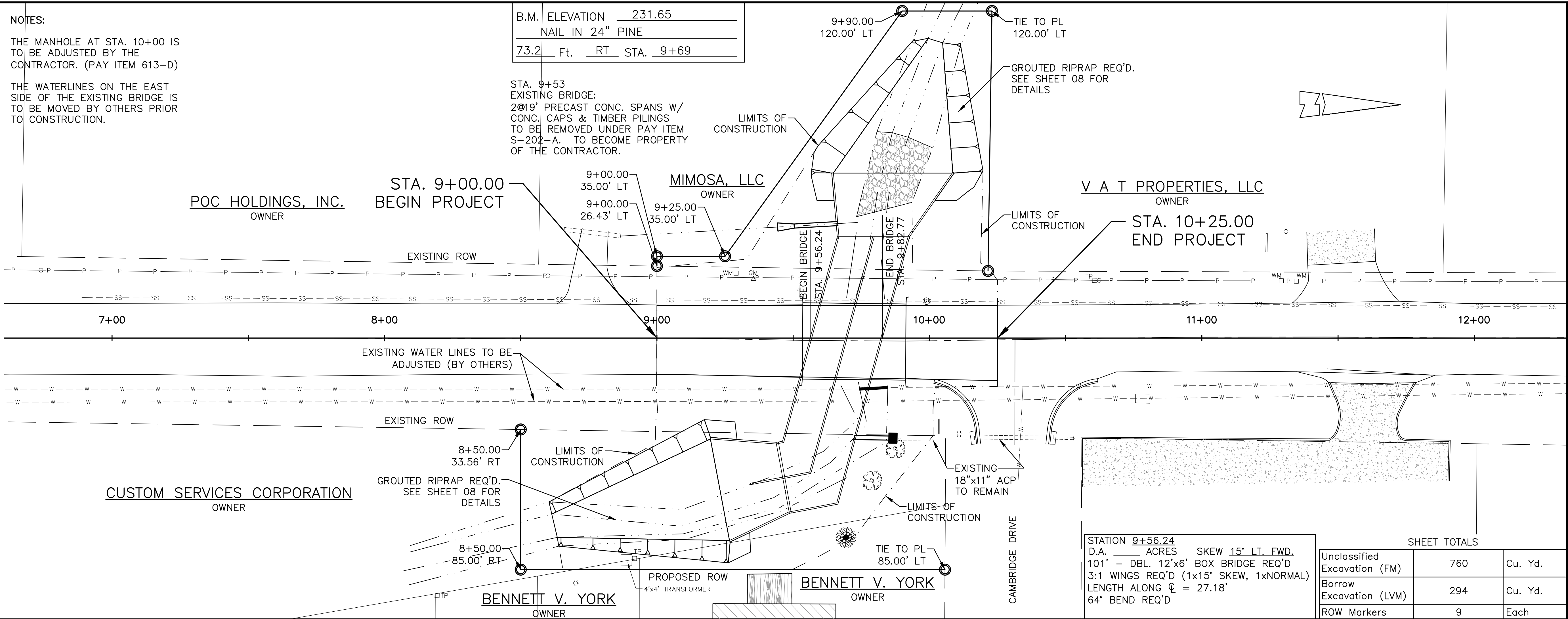
NOTES:

THE MANHOLE AT STA. 10+00 IS TO BE ADJUSTED BY THE CONTRACTOR. (PAY ITEM 613-D)

THE WATERLINES ON THE EAST SIDE OF THE EXISTING BRIDGE IS TO BE MOVED BY OTHERS PRIOR TO CONSTRUCTION.

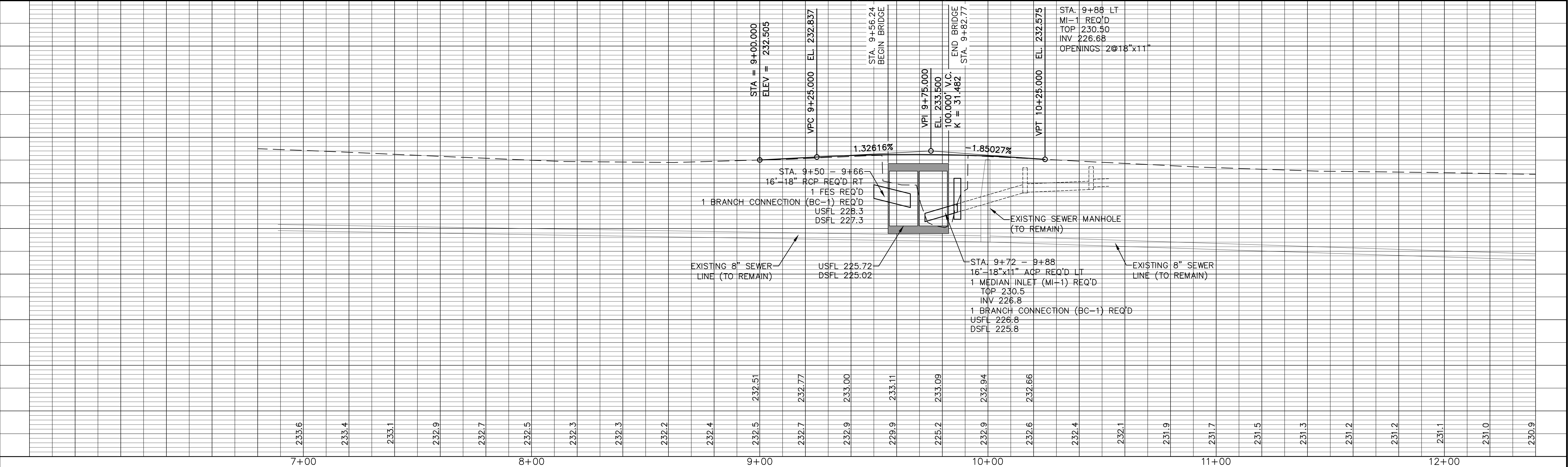
B.M.	ELEVATION	231.65
73.2	NAIL IN 24" PINE	
Ft.	RT	STA. 9+69

STA. 9+53
EXISTING BRIDGE:
2019' PRECAST CONC. SPANS W/
CONC. CAPS & TIMBER PILINGS
TO BE REMOVED UNDER PAY ITEM
S-202-A. TO BECOME PROPERTY
OF THE CONTRACTOR.



STATION 9+56.24		
D.A. _____ ACRES	SKEW 15' LT. FWD.	
101' — DBL. 12'x6' BOX BRIDGE REQ'D		
3:1 WINGS REQ'D (1x15' SKEW, 1xNORMAL)		
LENGTH ALONG C = 27.18'		
64' BEND REQ'D		

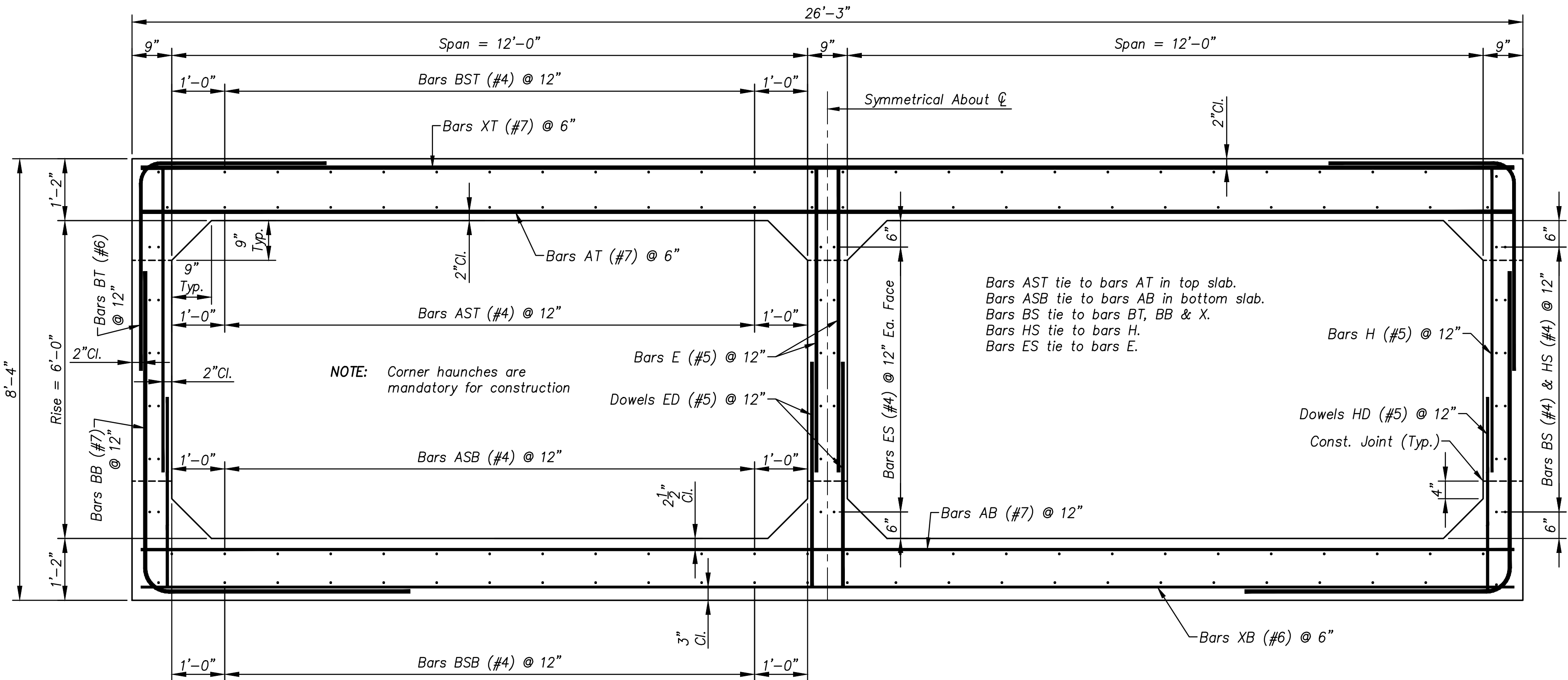
SHEET TOTALS		
Unclassified Excavation (FM)	760	Cu. Yd.
Borrow Excavation (LVM)	294	Cu. Yd.
ROW Markers	9	Each



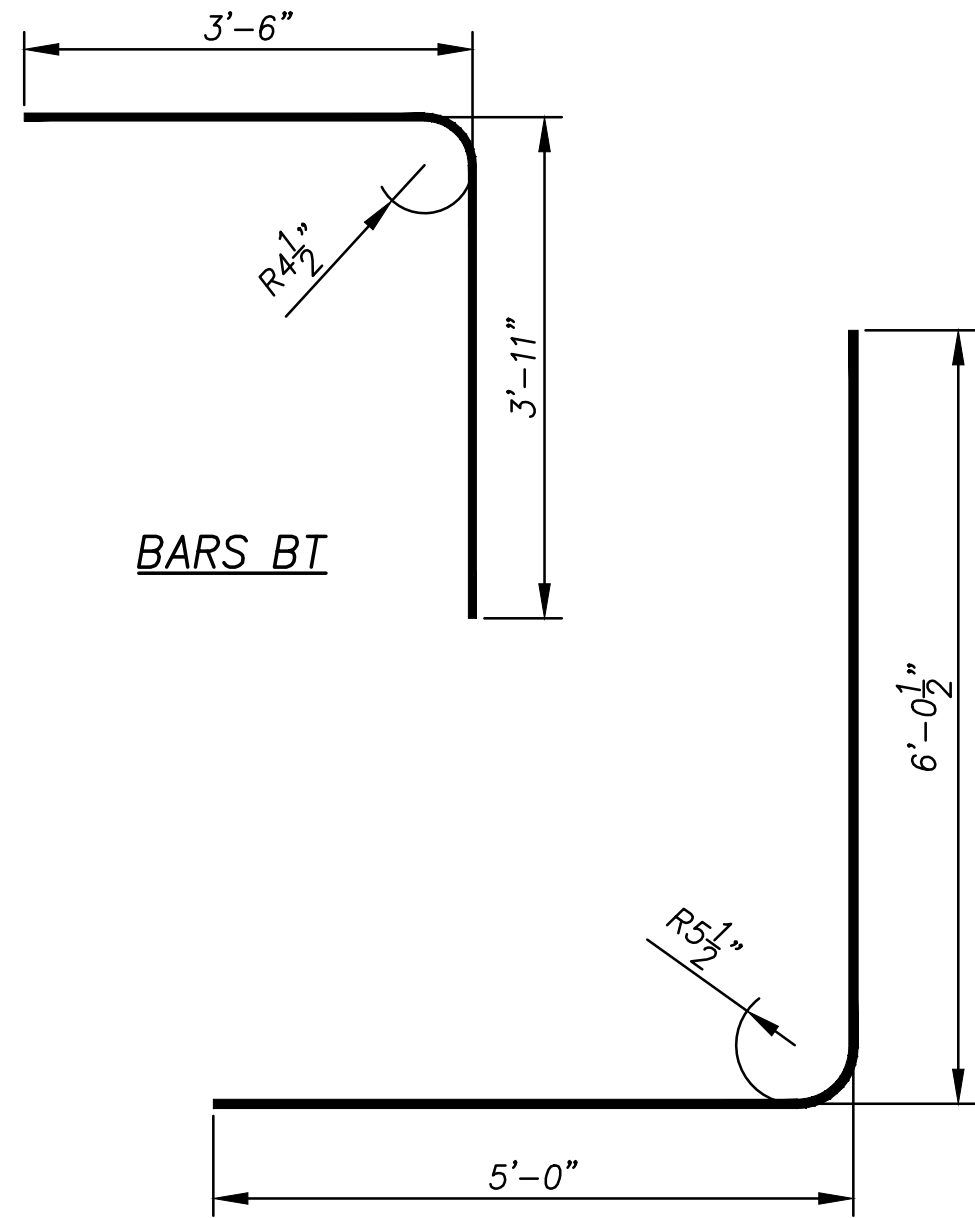
			DRAWN BY:	 Engineering Progress 301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com	DRAWING NO.
			DATE:		SHEET 06
			CHECKED BY:		
DATE	REVISION	BY	SCALE:		

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

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CROSS SECTION



BAR BENDING DETAILS

BAR LENGTHS	
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"

EST. QUANTITIES PER LIN. FT. BARREL	
CONCRETE CU. YD.	REINFORCING STEEL LBS
2.8519	544.030

GENERAL NOTES:
Specifications: Mississippi Standard Specifications for Road and Bridge Construction, 2017 Edition.
No change of plans will be permitted expect 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 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.

NOTE: For reinforcing required in parapet & wingwalls to be placed prior to barrel construction, see basic drawings IWD-3W & IWD-6-3W.

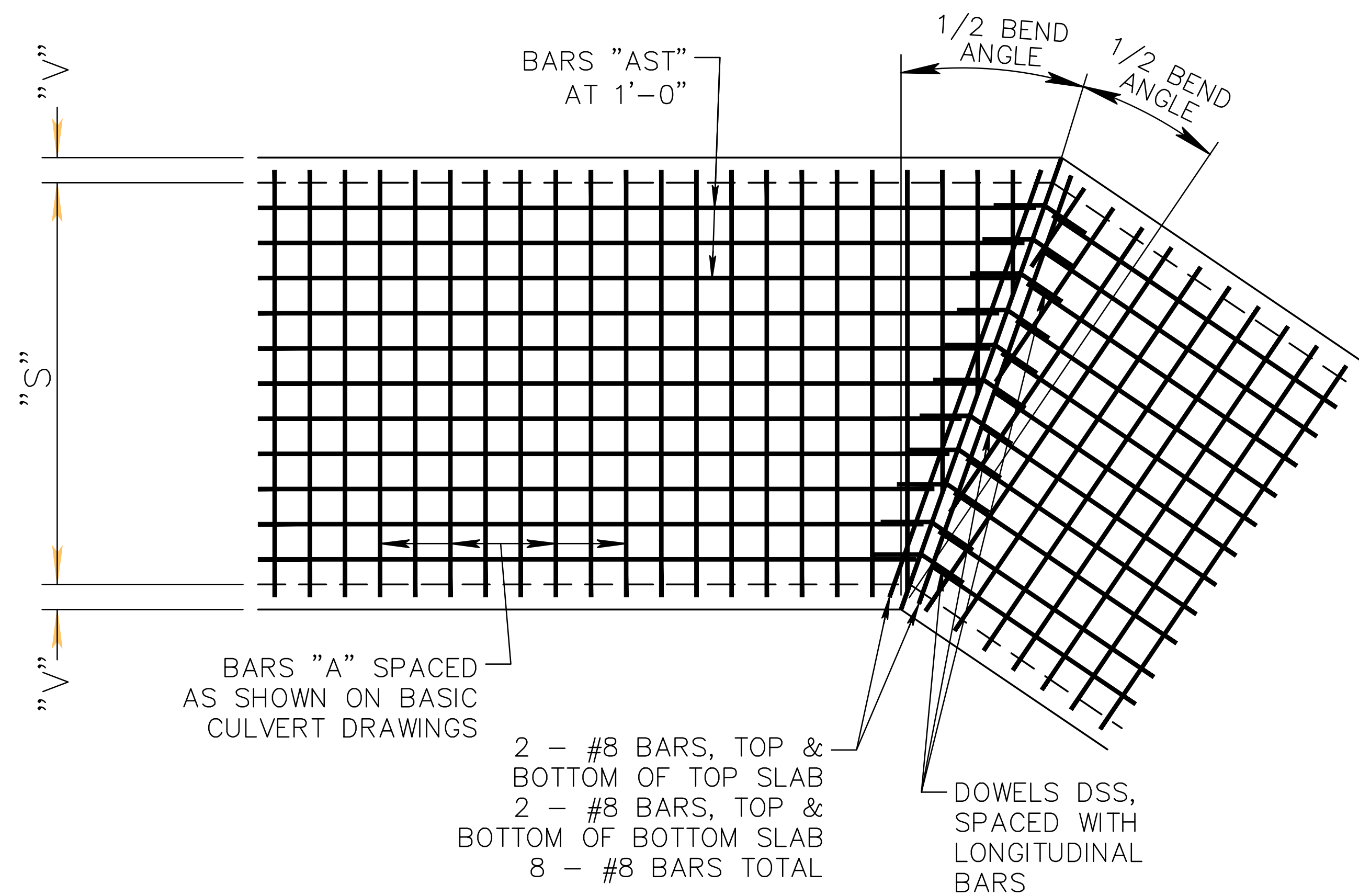
REBAR TABLE	
SIZE	SPLICE (FT)
#4	1'-5"
#5	1'-9"
#6	2'-1"
#7	2'-8"
#8	3'-5"
#9	4'-4"
#10	5'-6"
#11	6'-9"

SPECIAL PROVISIONS REQUIRED:
Concrete bridges and structures No. 907-804

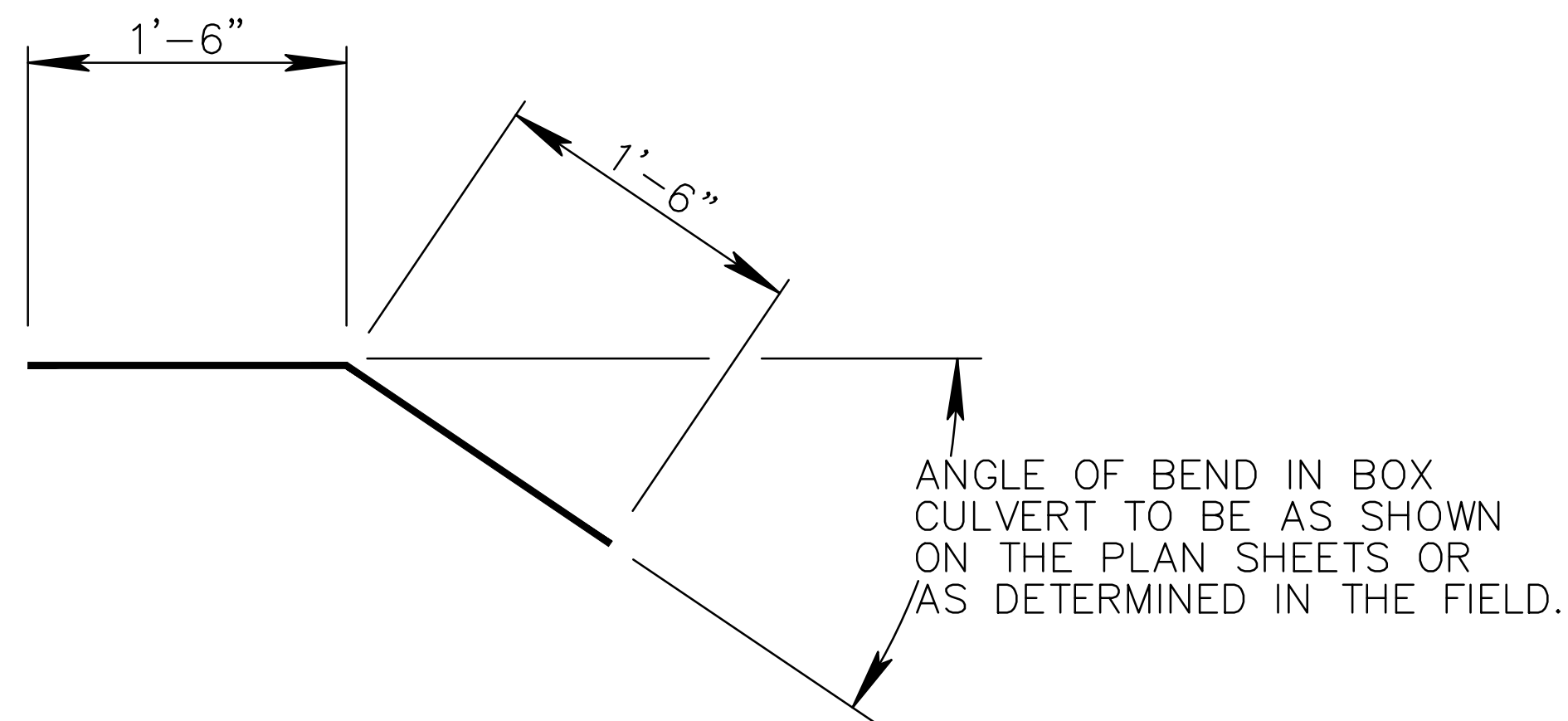
DESIGN DATA:
Specifications. A.A.S.H.T.O., 2010 LRFD
Loading. HL-93
Box bridge concrete. Class "B" (3,500 p.s.i.)
Equivalent fluid pressure. . . 45 lbs. per cu. ft.

NO.	DATE	DESCRIPTION	BY
BOX BRIDGE DETAILS			
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			
Drawn by: NMC		Checked by: NMC	
Date: 2-12-2018		Scale: AS NOTED	
Drawing No.: 11204		Sheet No. 07	

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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			
SOUTH 28th AVENUE BRIDGE REPLACEMENT CITY OF HATTIESBURG			
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Date: 02-19-2014		Scale: AS NOTED	
Drawing No.: 11204		Sheet No. 08	

CONSTRUCTION NOTES:

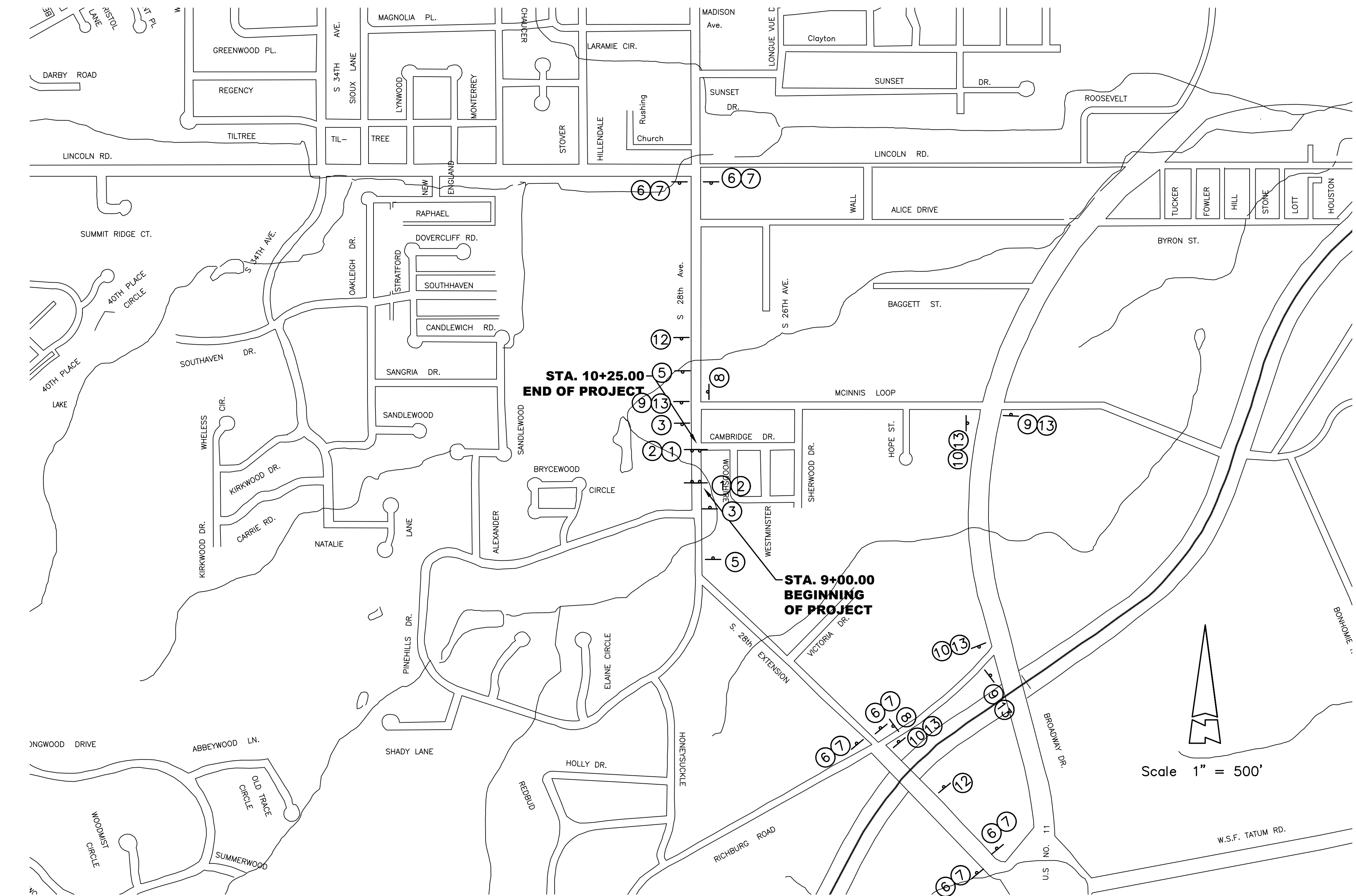
1. AFTER ALL CONSTRUCTION IS COMPLETE BUT PRIOR TO STRIPING, THE ENTIRE PROJECT SHALL BE OPENED TO ALL TRAFFIC.
2. WHENEVER PAVEMENT CONSTRUCTION HAS PROGRESSED SUFFICIENTLY TO PERMIT TRAFFIC MOVEMENT THAT IS UNRESTRICTED BY CHANNELIZING OR OTHER TRAFFIC CONTROL METHODS, TEMPORARY RAISED PAVEMENT MARKERS 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:

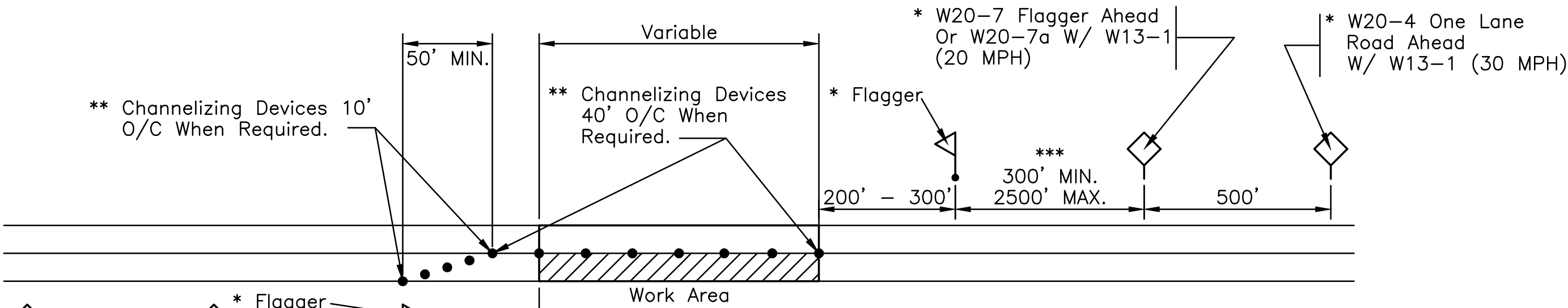
4. A SHADOW VEHICLE SHALL BE POSITIONED APPROXIMATELY 300 FEET IN FRONT OF AND BEHIND PAINTING OPERATIONS.
5. THE SHADOW VEHICLE SHALL CARRY A SIGN 'ROADWAY STRIPING AHEAD, BOTTOM OF SIGN SHALL BE A MINIMUM OF SIX (6) FEET ABOVE PAVEMENT.
6. A FLASHING YELLOW LIGHT SHALL BE INSTALLED ABOVE TOP OF WARNING 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		P.O. BOX 1711 201 SECOND AVENUE HATTIESBURG, MISSISSIPPI, 39401 HTTP://WWW.SD-W.COM	
Drawn by: NMC		Checked by: NMC	
Date: 1-28-14		Scale: AS NOTED	
Drawing No.: 11204		Sheet No.: 09	

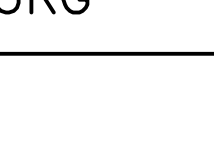
VEGETATION SCHEDULE	
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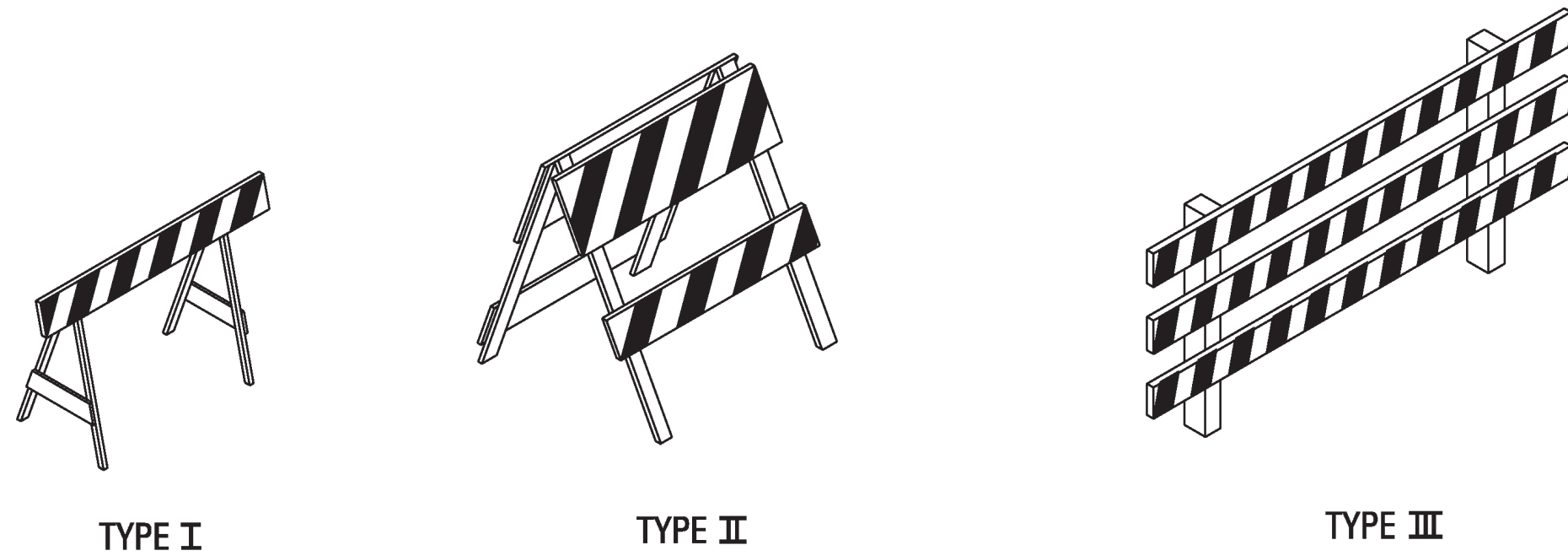
EROSION CONTROL ITEMS		SEASONAL APPLICATIONS - DATES & RATES				REQUIREMENTS
		SPRING & SUMMER		FALL & WINTER		
PAY ITEM NO.	ITEMS	RATES	DATES	RATES	DATES	
211-B001	TOPSOIL FOR SLOPE TREATMENT (LVM)	4" THICK	MARCH 1 TO SEPTEMBER 1	4" THINK	SEPTEMBER 1 TO MARCH 1	TOPSOIL REQUIRED ON SLOPES DETERMINED 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

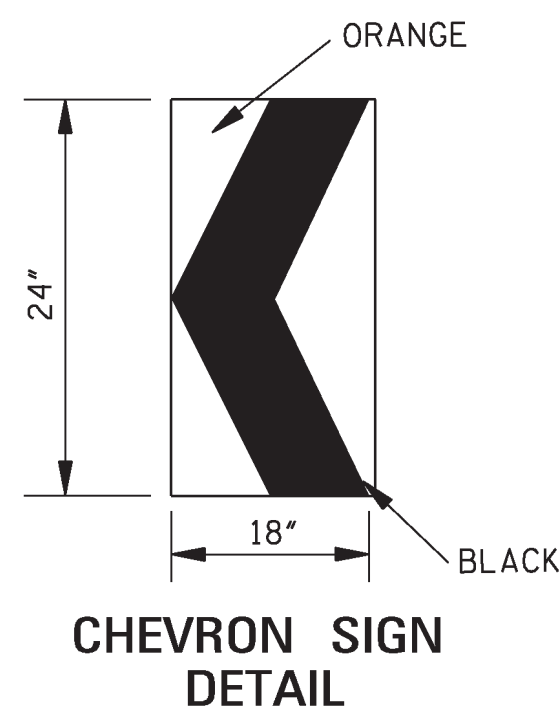
<u>ITEM</u>	<u>RATE</u>	<u>SEASONAL LIMITATIONS</u>
STANDARD GROUND PREPARATION	---	---
COMBINATION FERTILIZER (13-13-13)	500 LBS/ACRE	---
SEEDING (BERMUDA GRASS)	10 LBS/ACRE	---
SEEDING (TALL FESCUE)	20 LBS/ACRE	AUGUST 15 TO MARCH 15
VEGETATIVE MATERIAL FOR MULCH	2 LBS/ACRE	---

NO.	DATE	DESCRIPTION	BY
VEGETATION SCHEDULE			
SOUTH 28TH AVENUE BRIDGE REPLACEMENT CITY OF HATTIESBURG			
 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: 2-28-2014		Scale: NOT TO SCALE	
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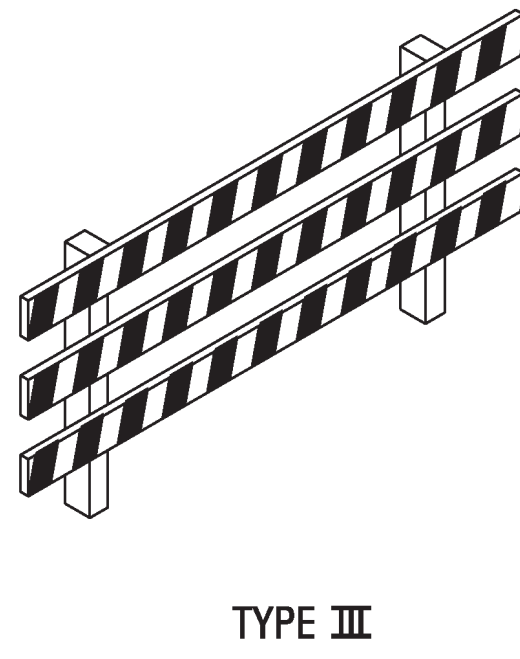
STANDARD BARRICADES

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.

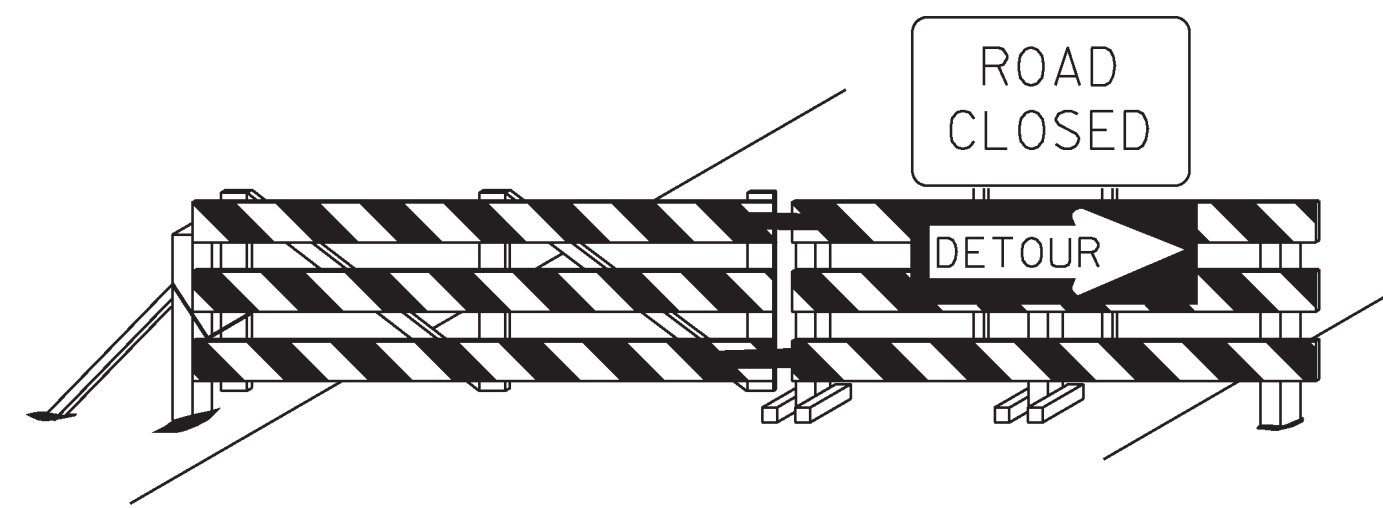


CHEVRON SIGN
DETAIL

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.



TYPE III



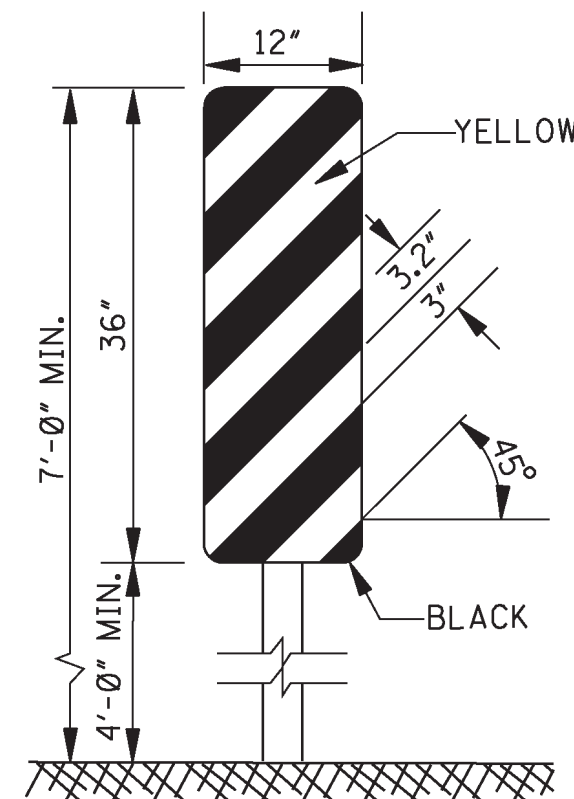
BARRICADE CLOSING A ROAD

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

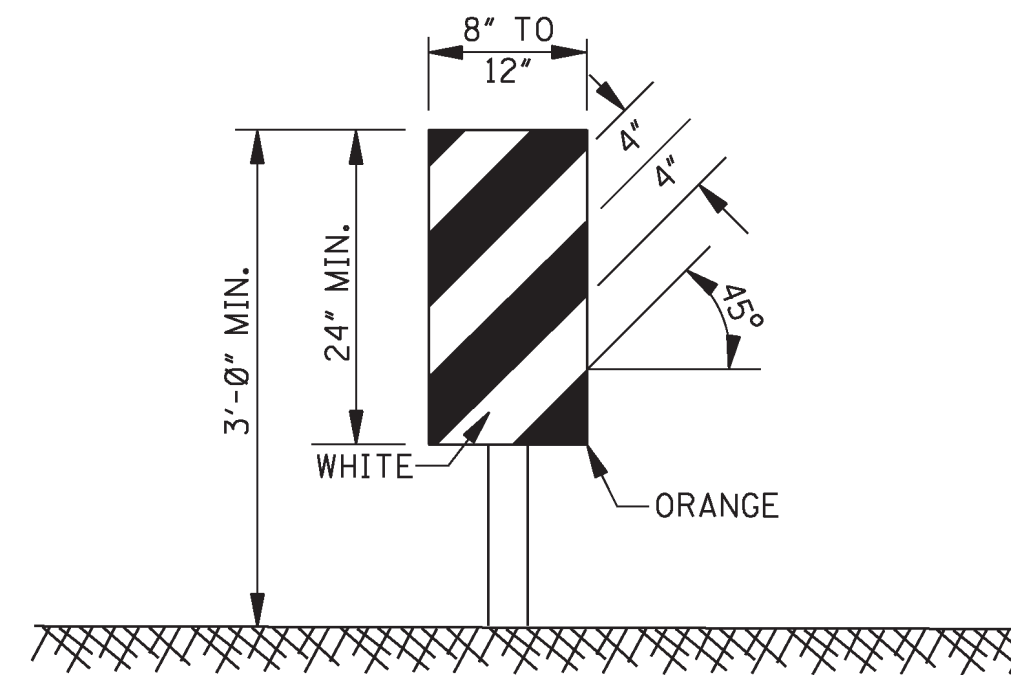
* 1. FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED.

** 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.

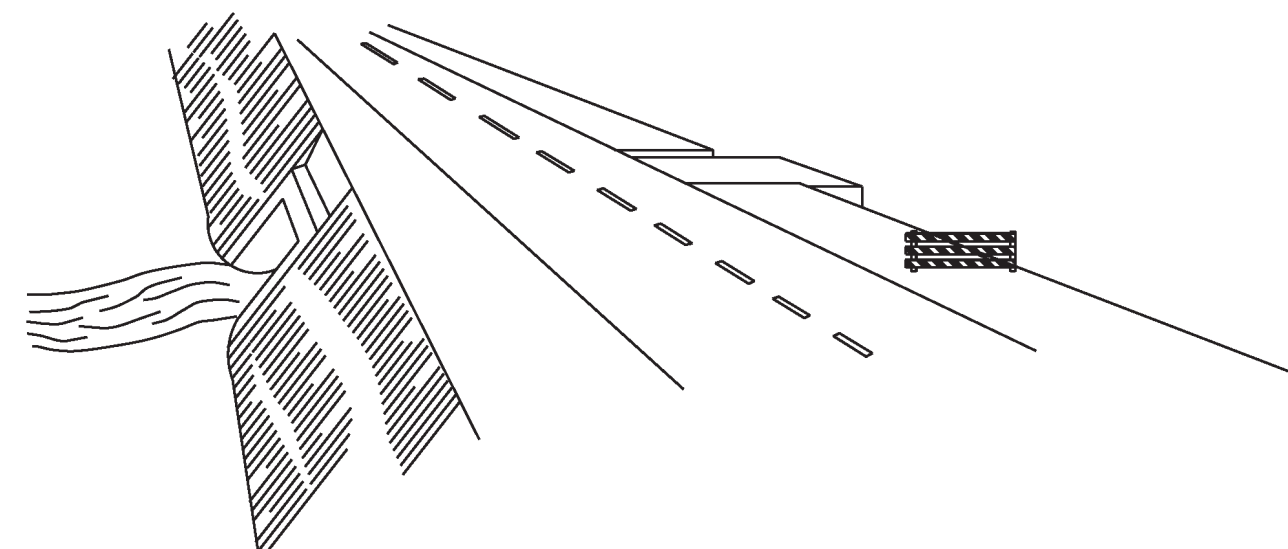
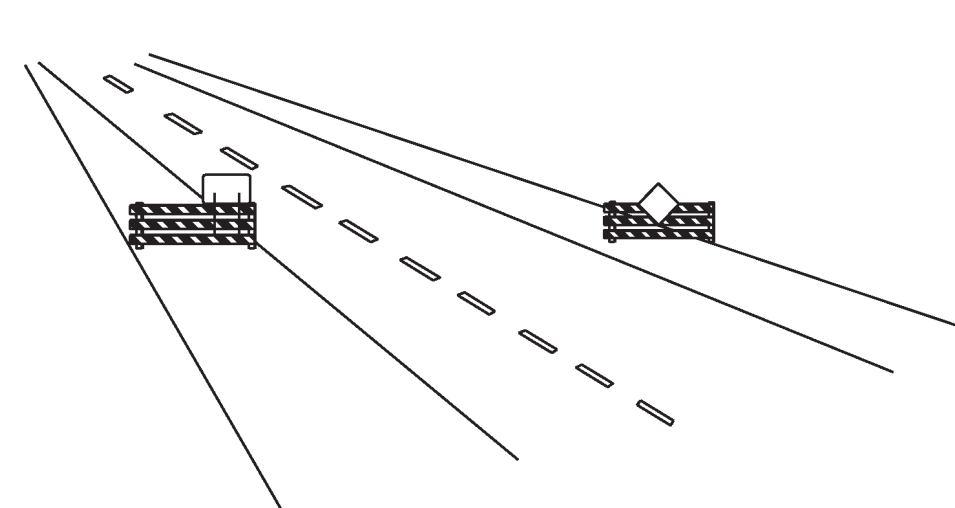


VERTICAL PANEL

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.

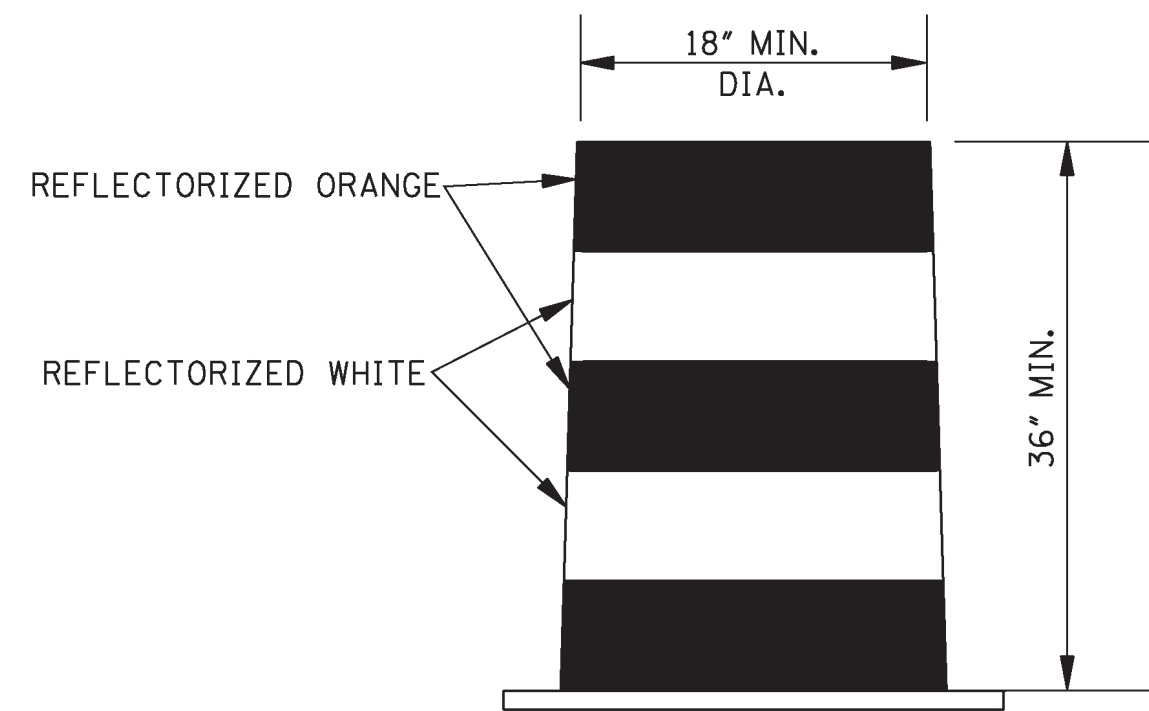
GENERAL NOTES:

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

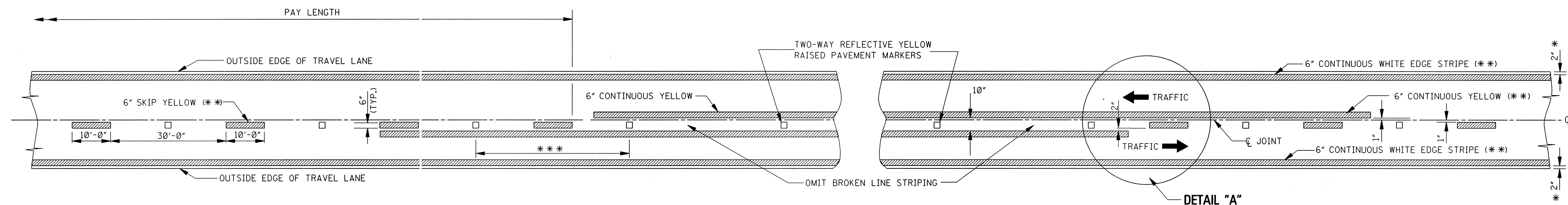
1. WING BARRICADES ARE TYPE III BARRICADES ERECTED ON THE SHOULDER ON ONE OR BOTH SIDES OF THE PAVEMENT TO GIVE THE SENSATION OF A NARROWING OR RESTRICTED ROADWAY. WING BARRICADES MAY BE USED AS A MOUNTING FOR THE ADVANCE WARNING SIGNS OR FLASHERS.
2. WING BARRICADES SHOULD BE USED:
A. IN ADVANCE OF A CONSTRUCTION PROJECT EVEN WHEN NO PART OF THE ROADWAY IS ACTUALLY CLOSED.
B. IN ADVANCE OF ALL BRIDGE OR CULVERT WIDENING OPERATIONS.



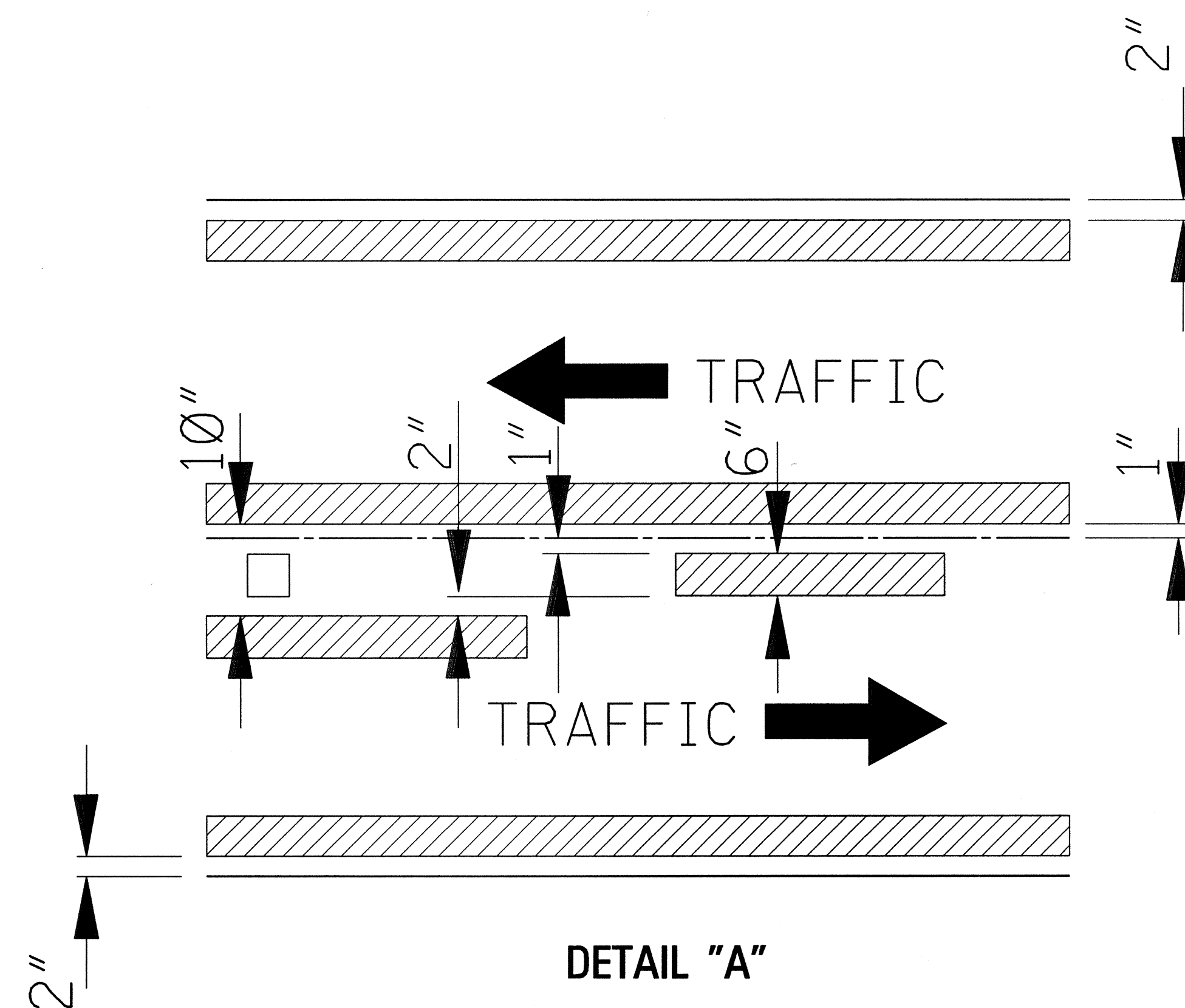
PLASTIC DRUM STRIPING DETAIL

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	
				REVISION		
				DATE	FILENAME: SDTCP-10_06012012.DGN	
				DESIGN TEAM	CHECKED	DATE 6/1/2012
					WORKING NUMBER	SDTCP-10
					SHEET NUMBER	12



TWO-WAY TRAFFIC
(ASPHALT OR CONCRETE PAVEMENT)



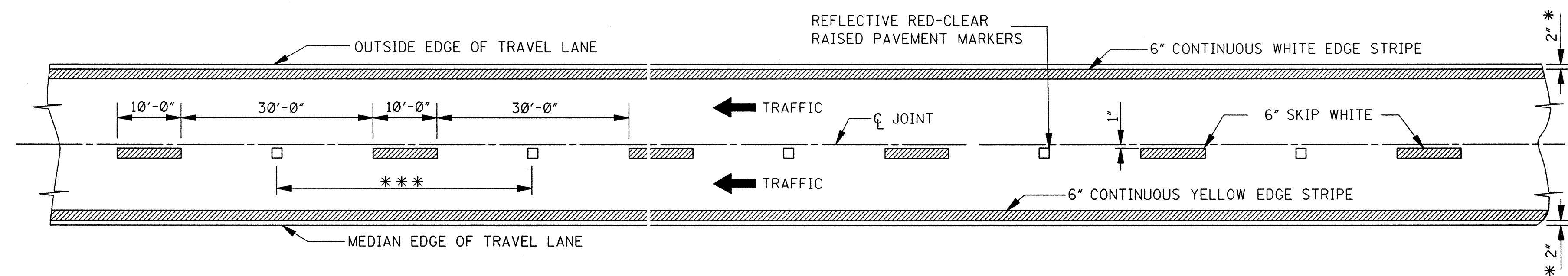
GENERAL NOTES:

- * 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"

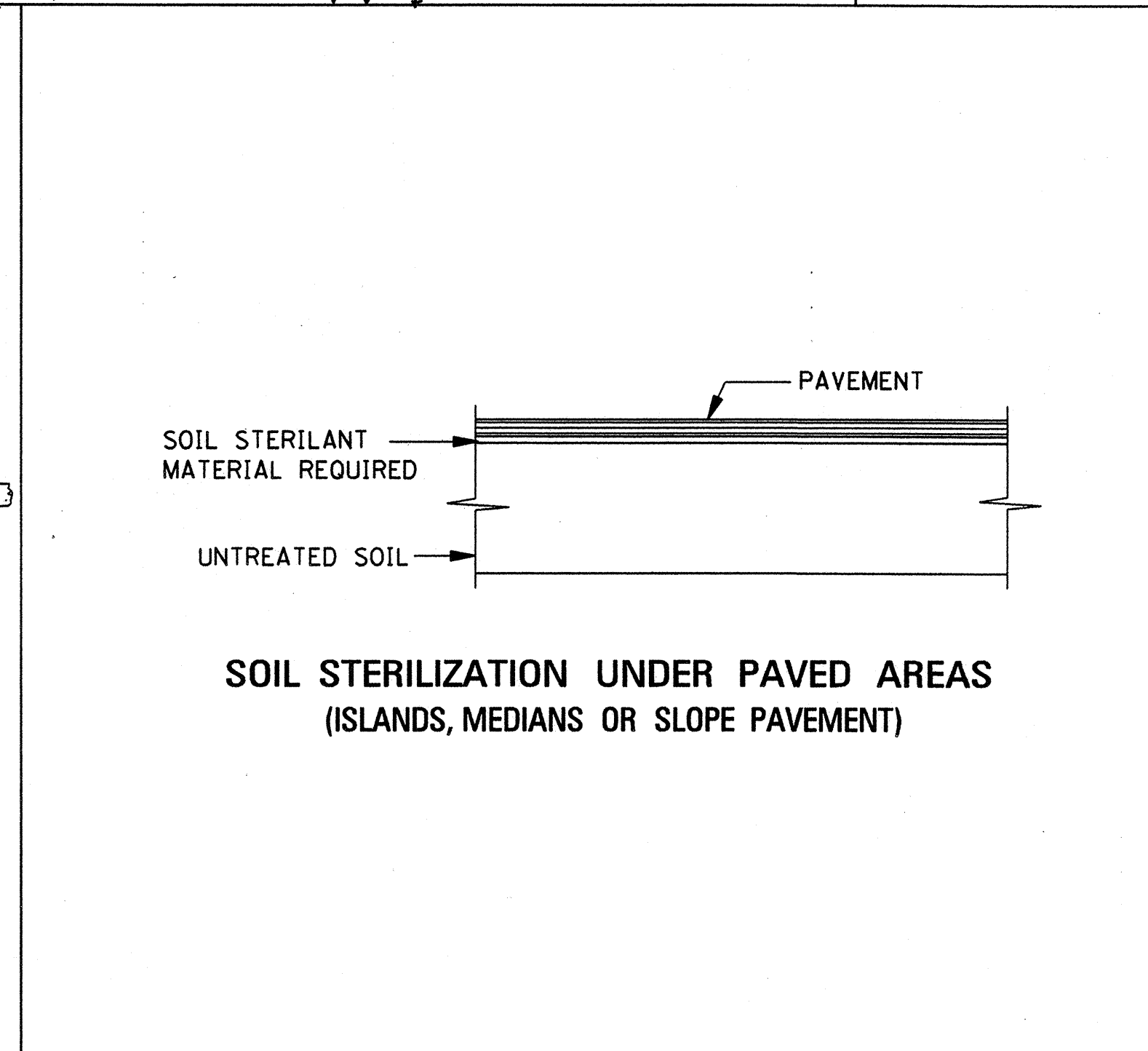
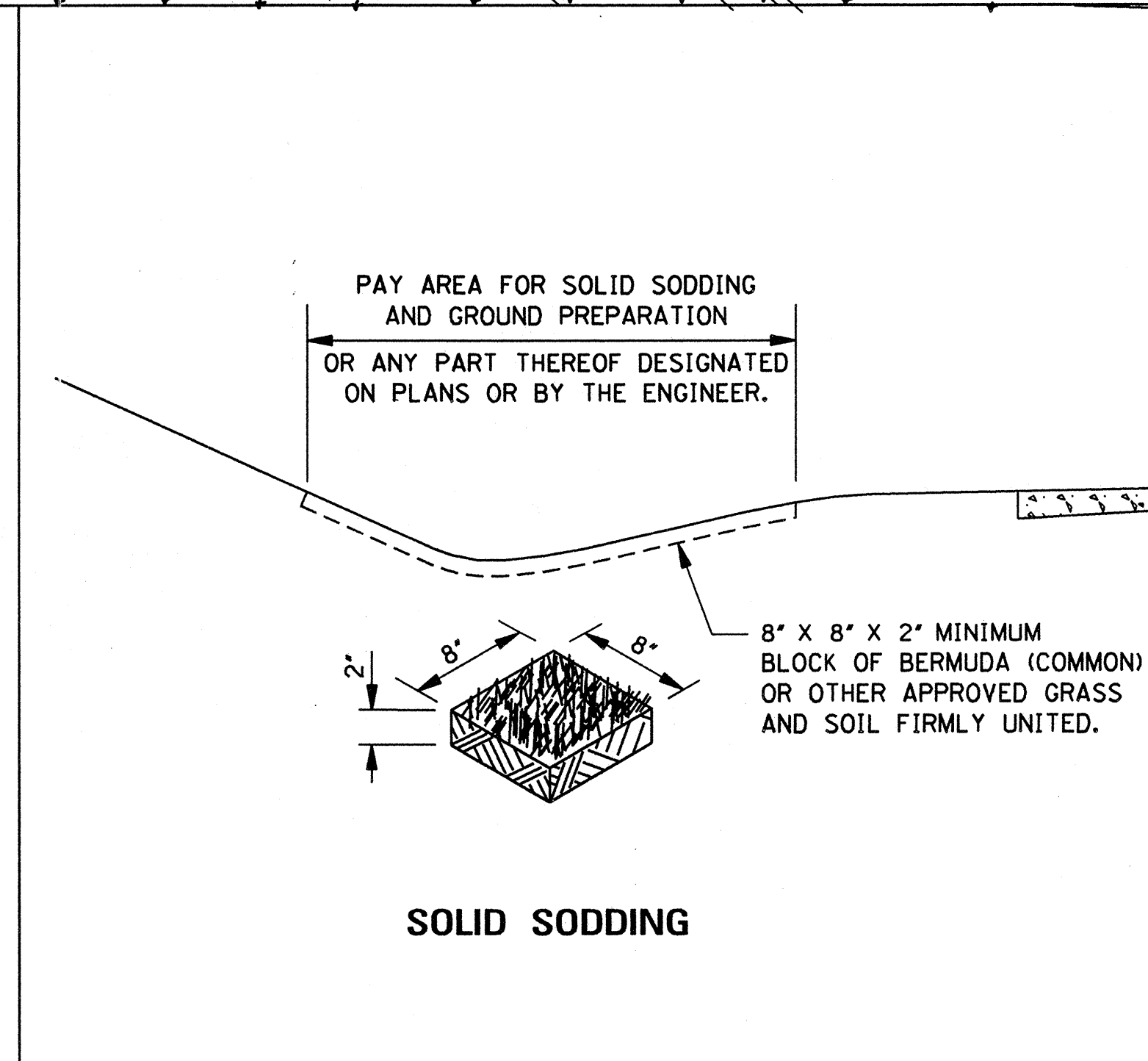
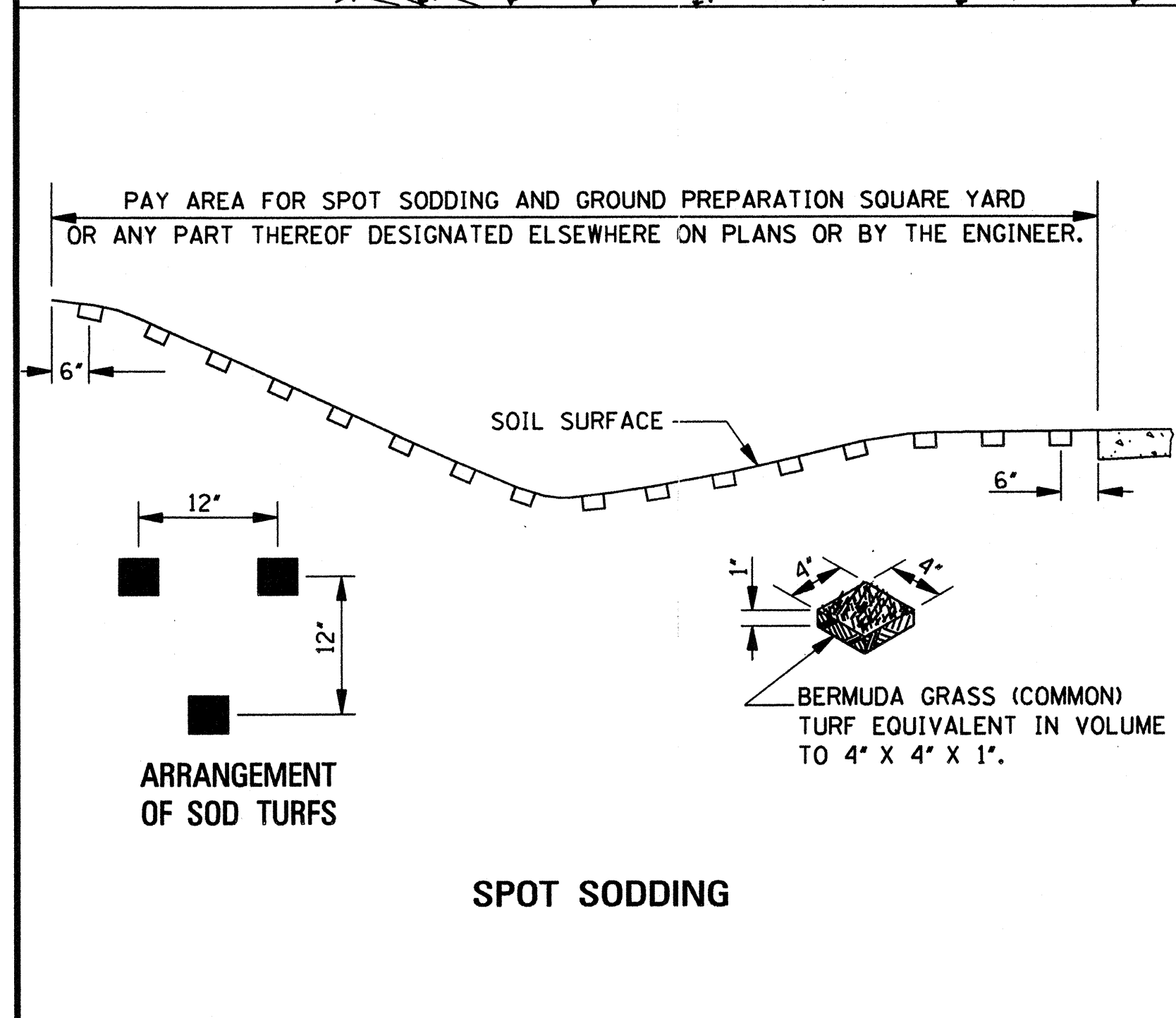
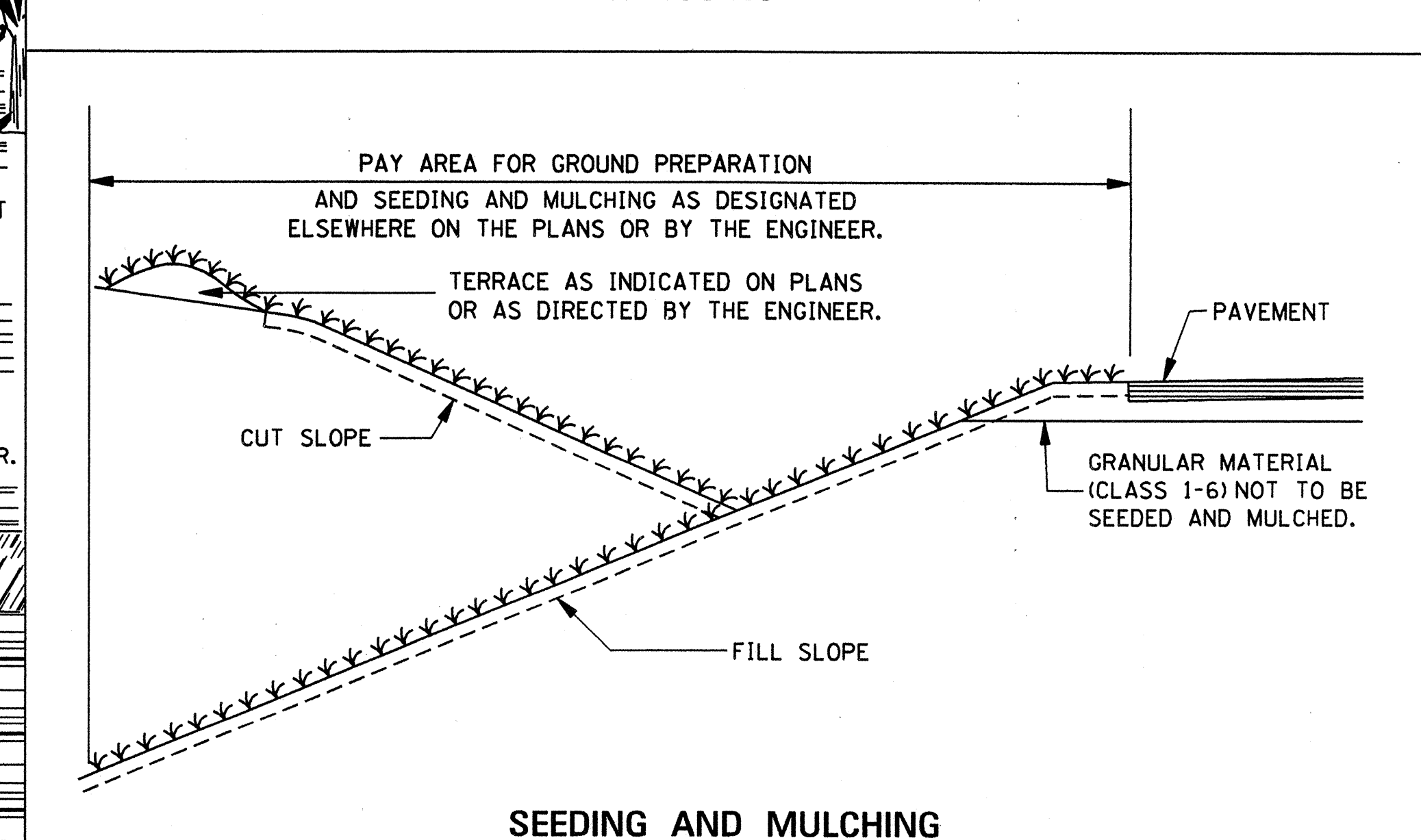
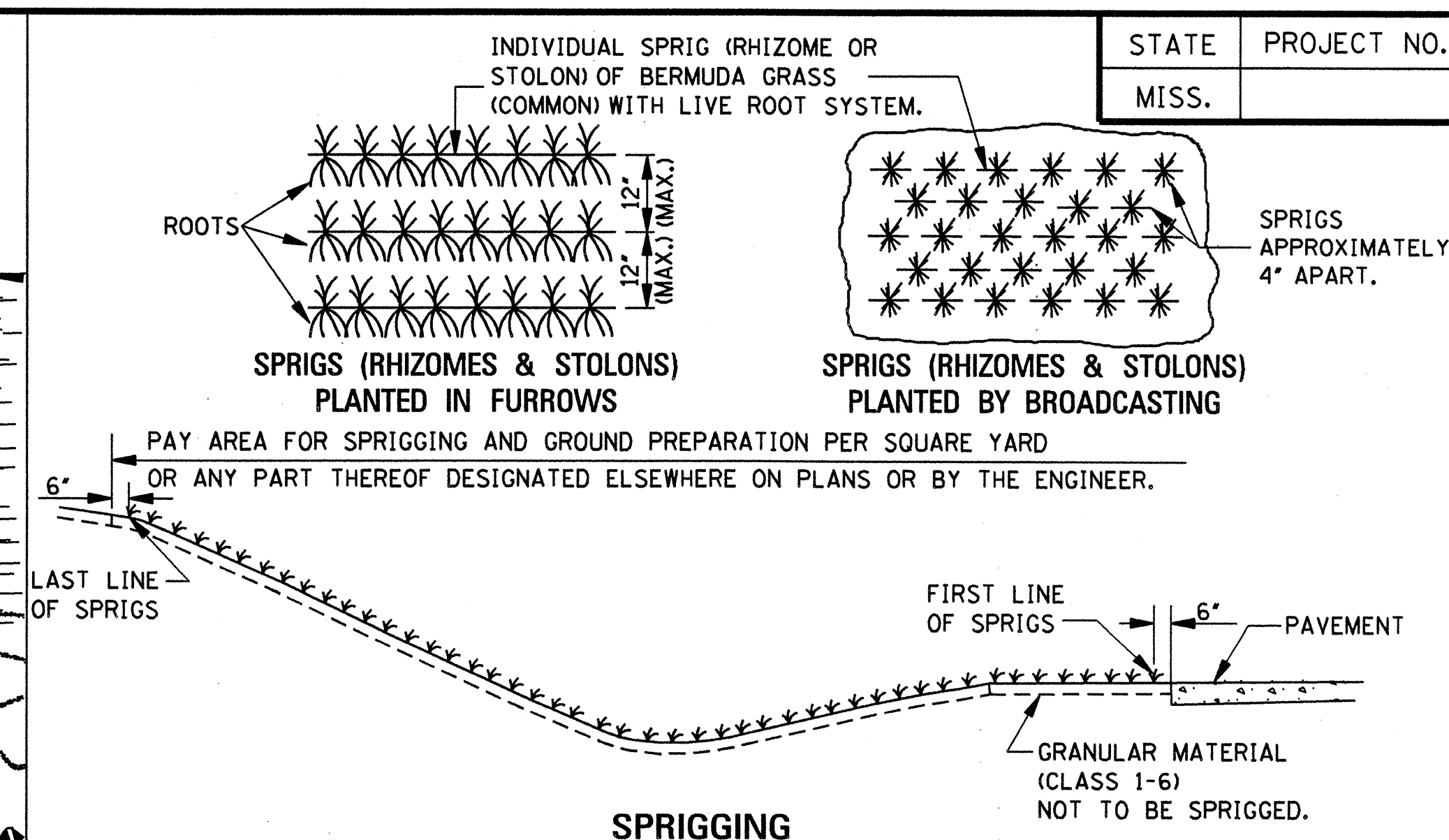
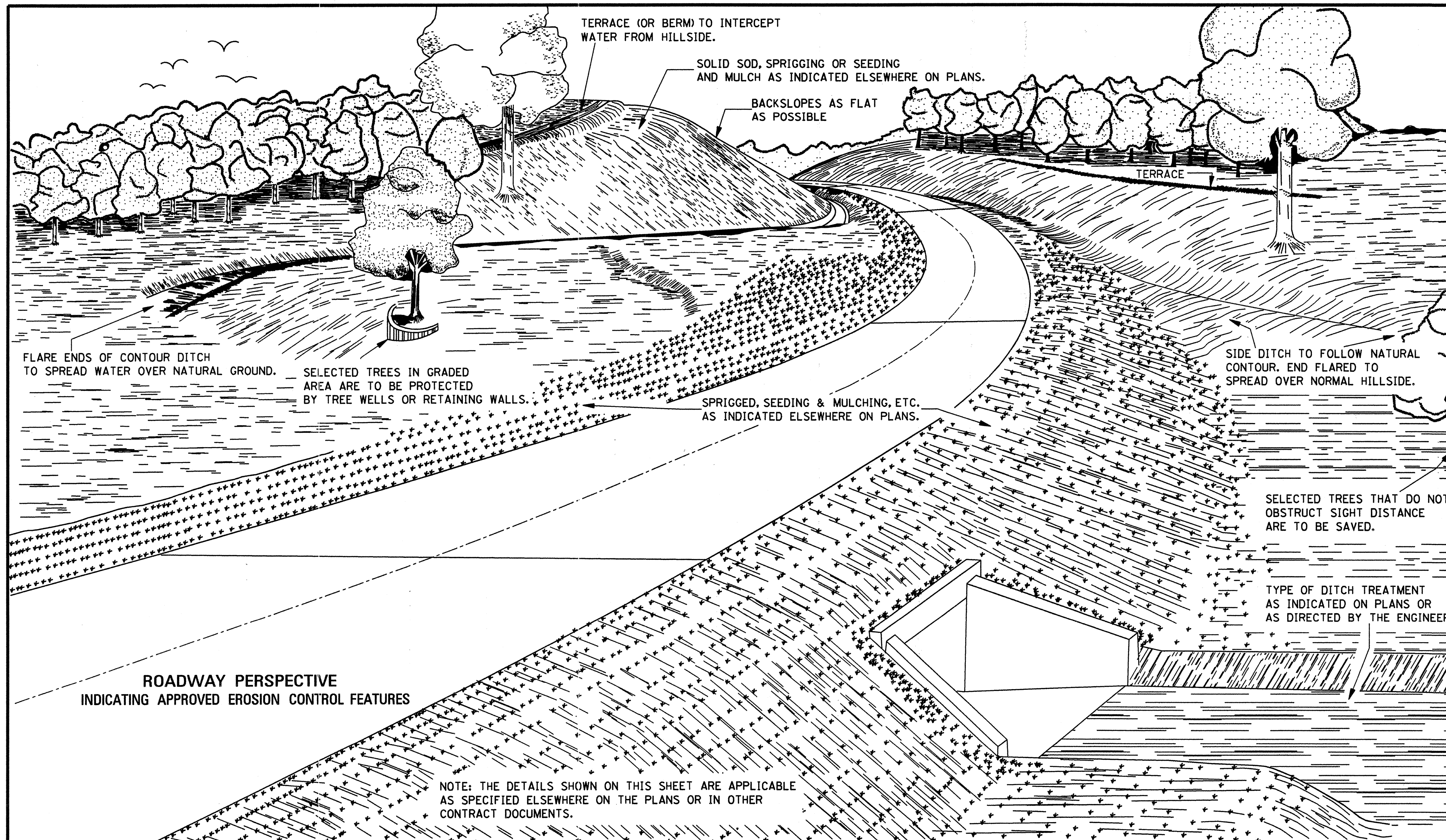
† NOTE: ON THE MAIN FACILITY, REFLECTIVE RED-CLEAR RAISED PAVEMENT MARKERS ON A 40'-0" SPACING WILL BE REQUIRED ON LANE-LINE(S) THROUGH ALL INTERCHANGE AREAS BEGINNING 1000' IN ADVANCE (IN DIRECTION OF TRAFFIC) OF THE EXIT RAMP TAPER AND CONTINUING THROUGH THE INTERCHANGE TO THE END OF THE ENTRANCE RAMP 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

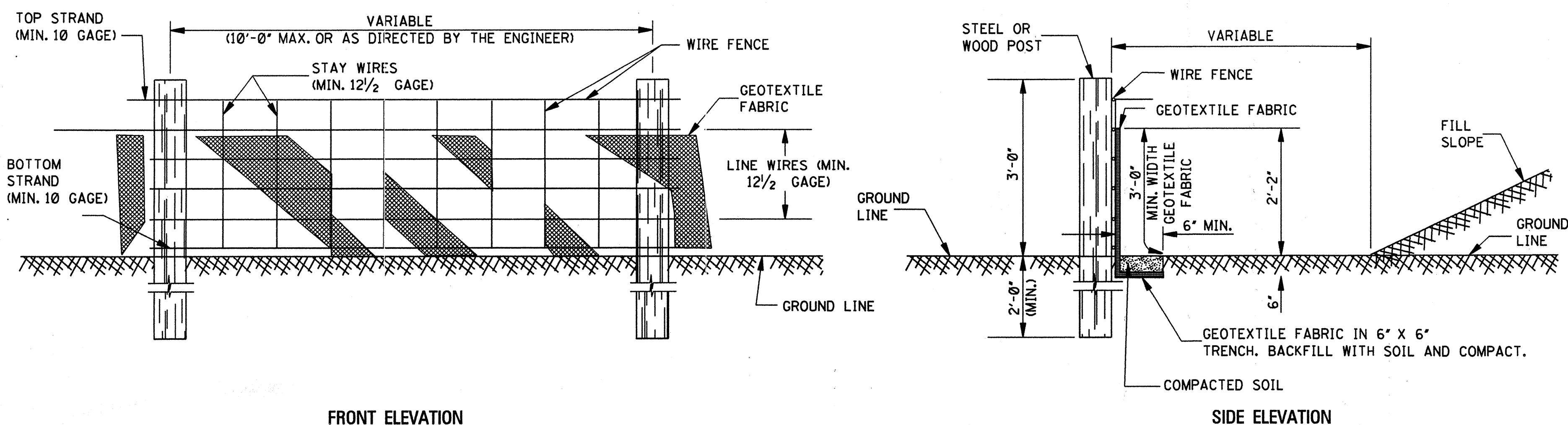
MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	
WORKING NUMBER PM-1	
SHEET NUMBER 120	
ISSUE DATE: OCTOBER 1, 1998	



GENERAL NOTE:

- LONGITUDINAL AND TRANSVERSE MEASUREMENTS FOR THE PAY AREA SHALL BE TAKEN ALONG THE SLOPES.

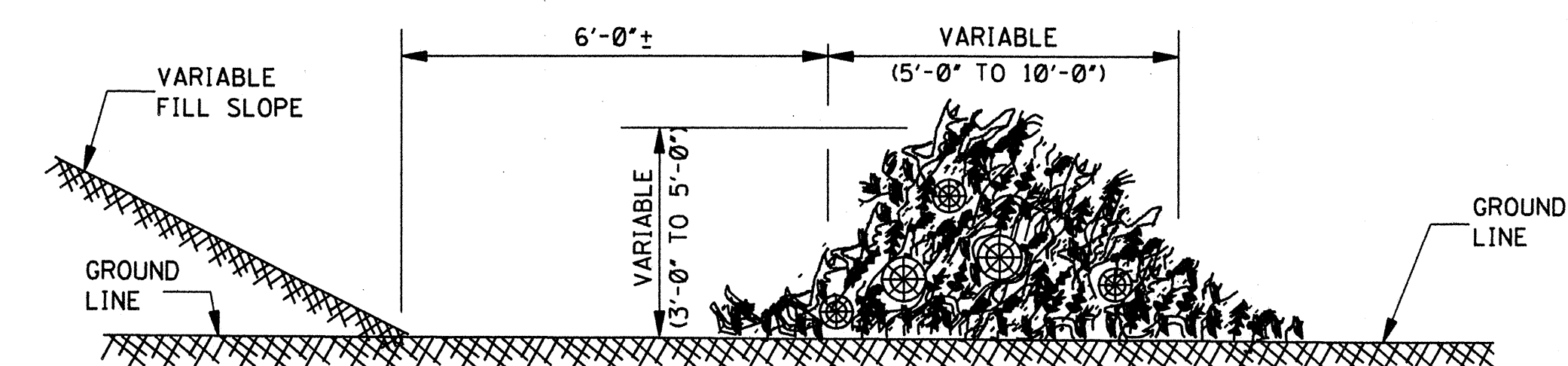
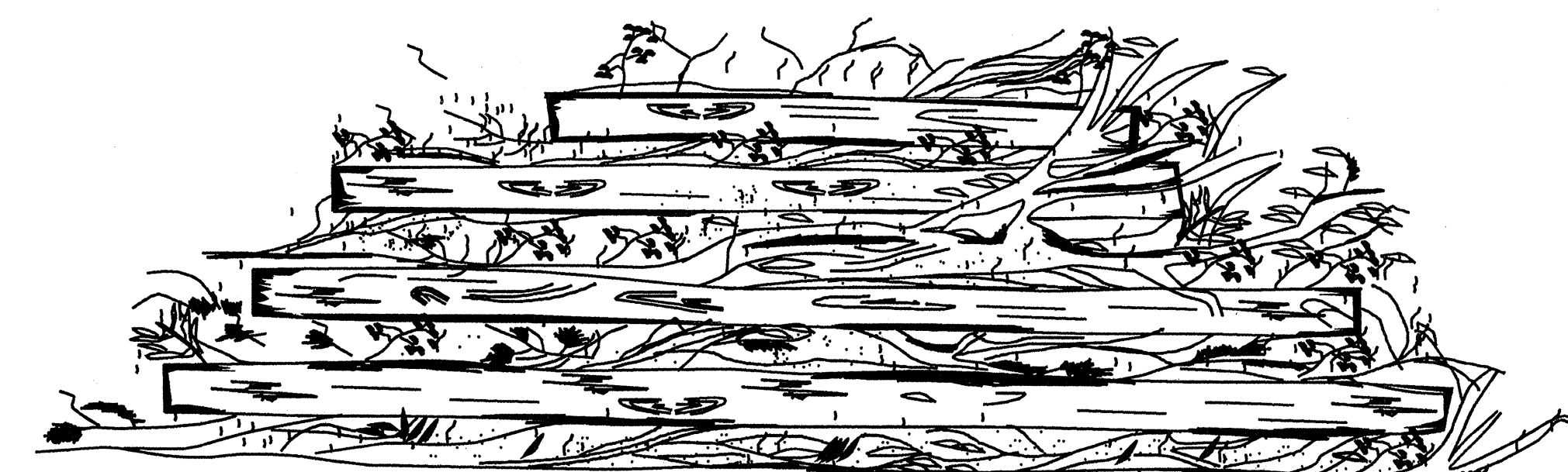
MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN			
BY	REVISION	DATE	ISSUE DATE: OCTOBER 1, 1998
EROSION CONTROL			WORKING NUMBER EC-1 SHEET NUMBER 140



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.



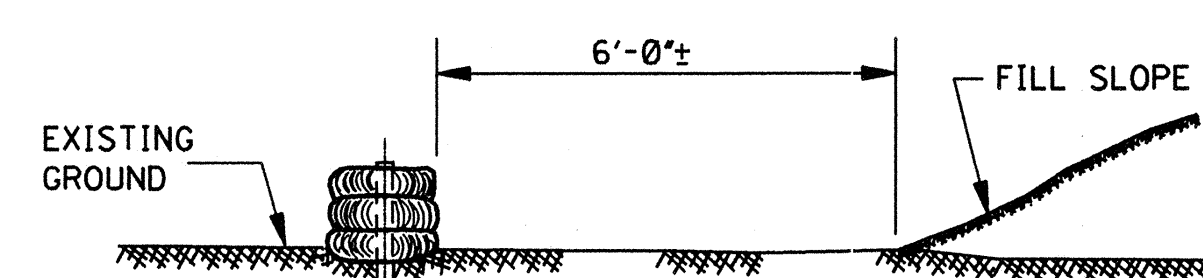
TEMPORARY BRUSH BARRIER

NOTES:

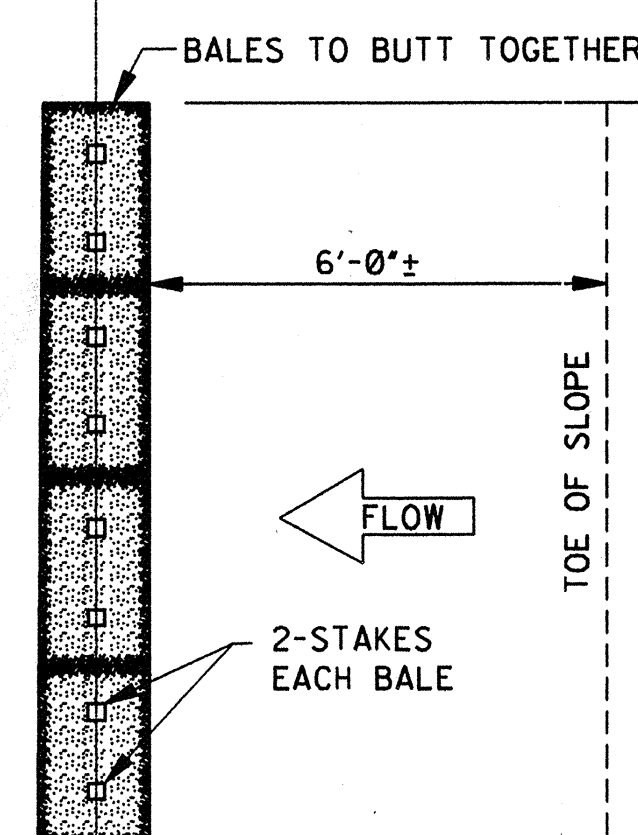
1. BRUSH BARRIER TO BE USED WHERE NATURAL GROUND IS LEVEL OR SLOPING AWAY FROM PROJECT.
2. PLACE BRUSH, LOG AND TREE LAPS APPROXIMATELY PARALLEL TO TOE OF FILL SLOPE WITH SOME OF THE HEAVIER MATERIALS BEING PLACED ON TOP TO PROPERLY SECURE THE BARRIER AS DETAILED AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED 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:

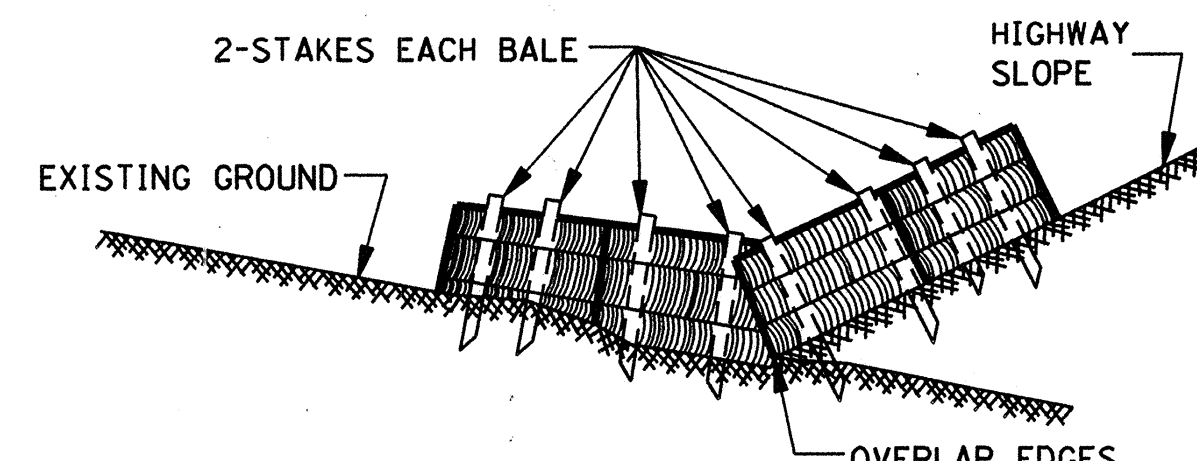
1. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH ALL MATERIALS AND PERFORM ALL WORK FOR THE PROPER INSTALLATION, MAINTENANCE AND REMOVAL OF TEMPORARY EROSION CONTROL MEASURES NECESSARY TO CONTROL SILTATION.
2. TEMPORARY BRUSH BARRIERS SHALL BE USED AS REQUIRED BUT WILL NOT BE MEASURED FOR SEPARATE PAYMENT.
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.



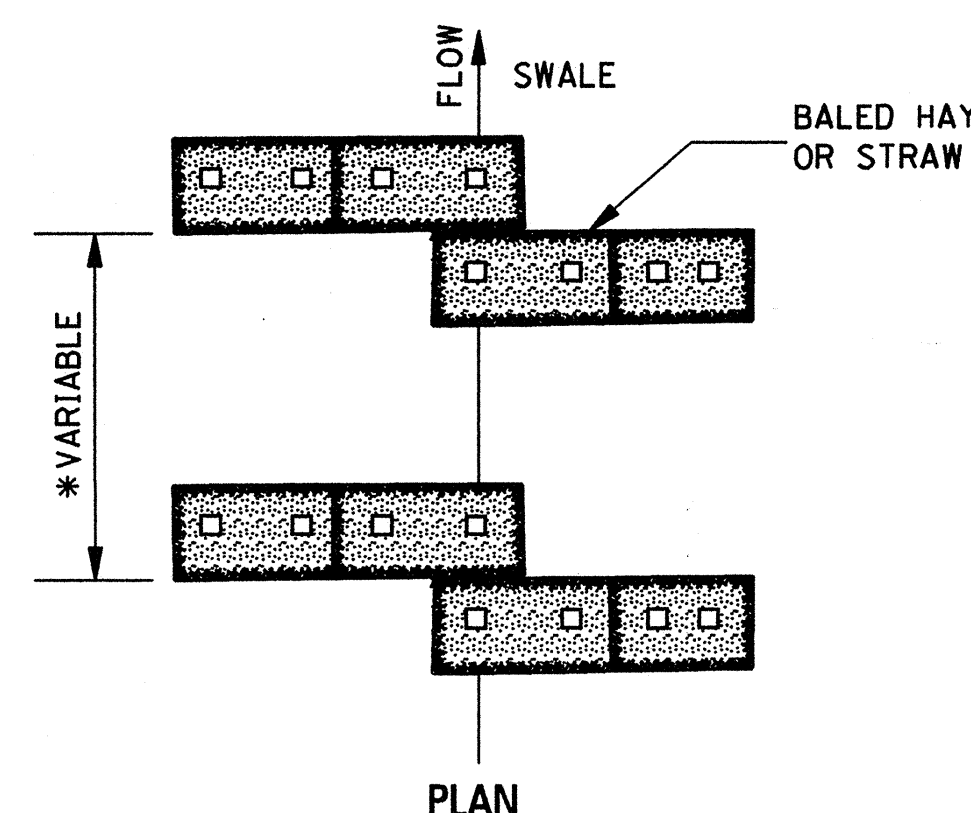
ELEVATION



PLAN



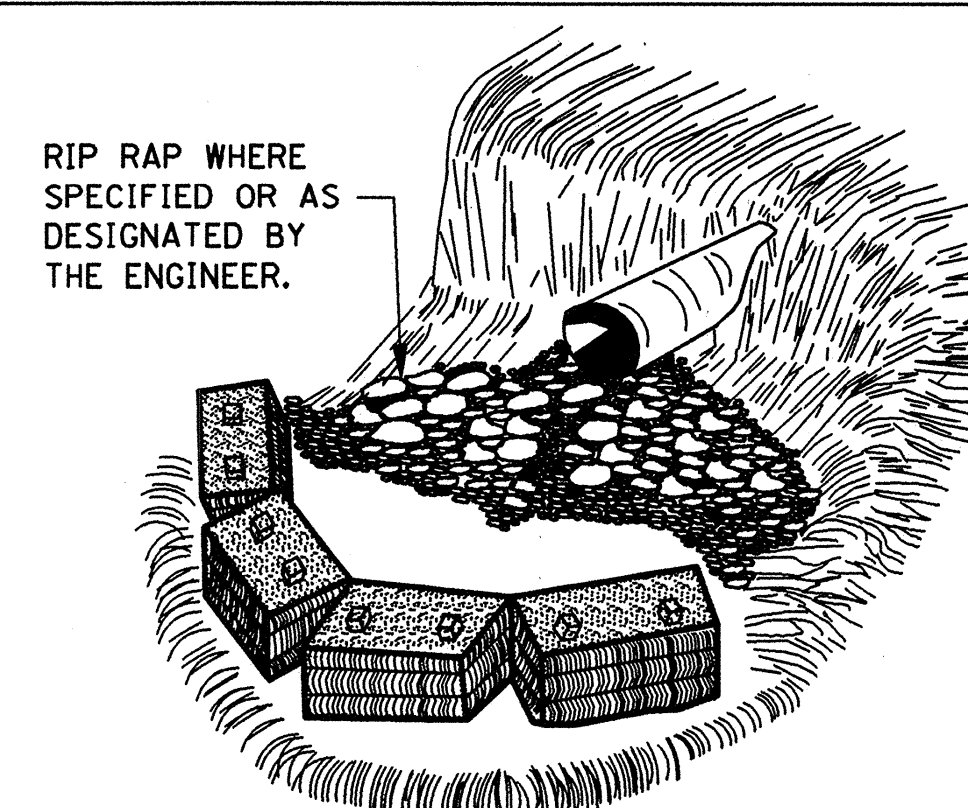
NOTE: SIMILAR TREATMENT TO BE USED IN DITCHES.



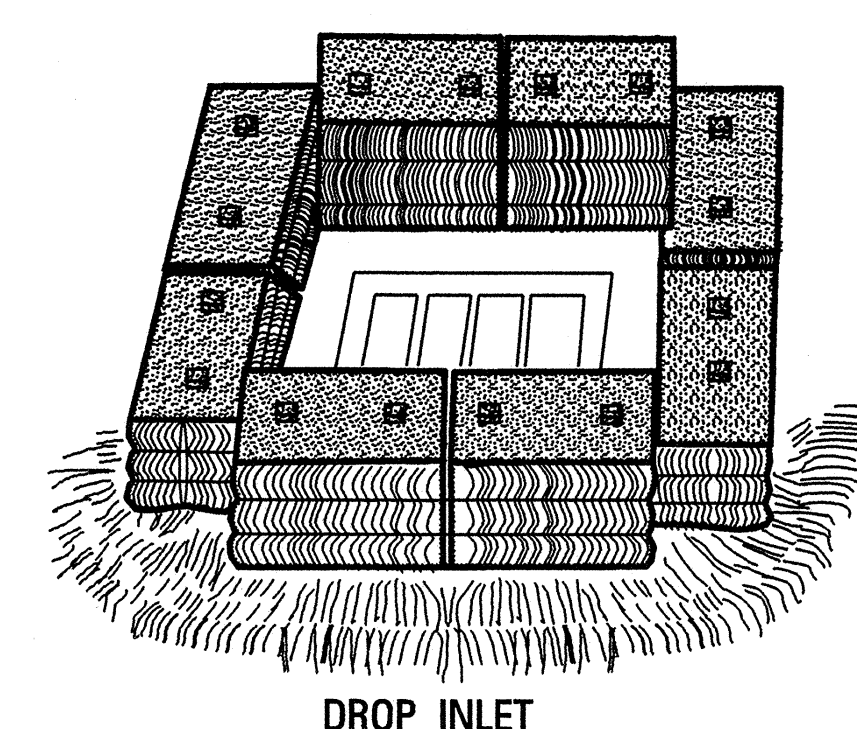
FALL OF DITCH (%)	DISTANCE* (ft)
0 - 1	100'
1 - 2	50'
>2	25'

TEMPORARY EROSION CHECKS USING HAY OR STRAW BALES

NOTE: EMBED ALL BALES 3" MINIMUM INTO GROUND AND STAKE (2" X 2" X 36") SECURELY.

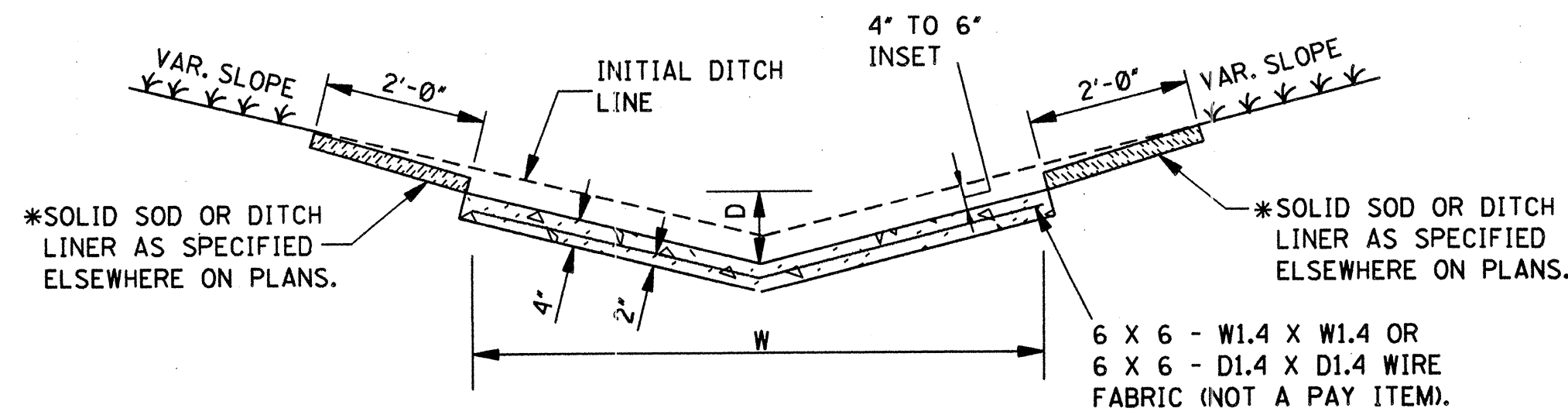


CULVERT

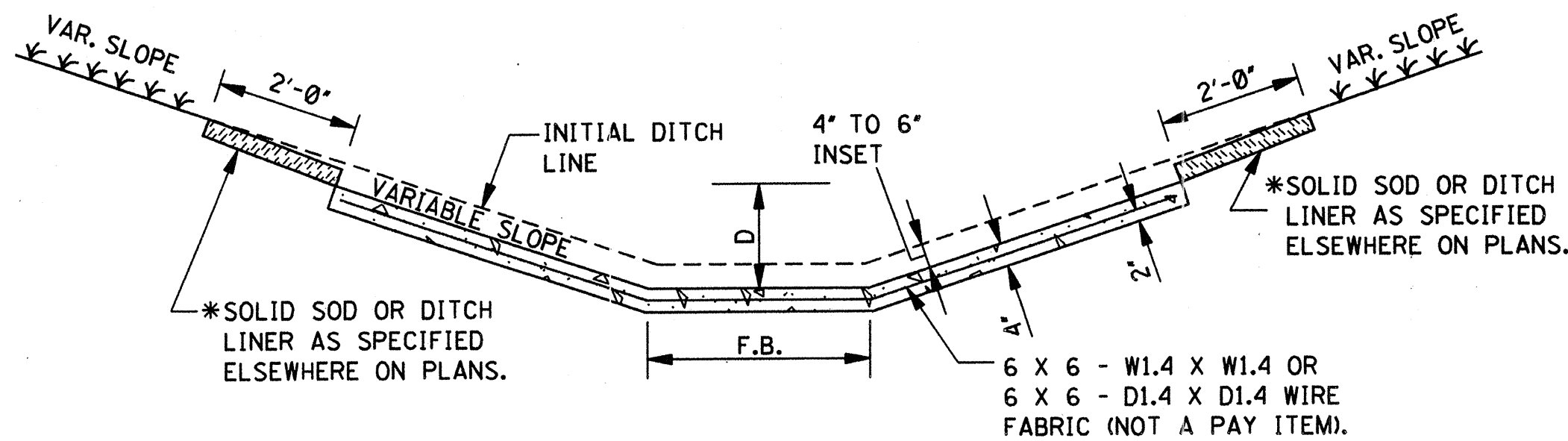


DROP INLET

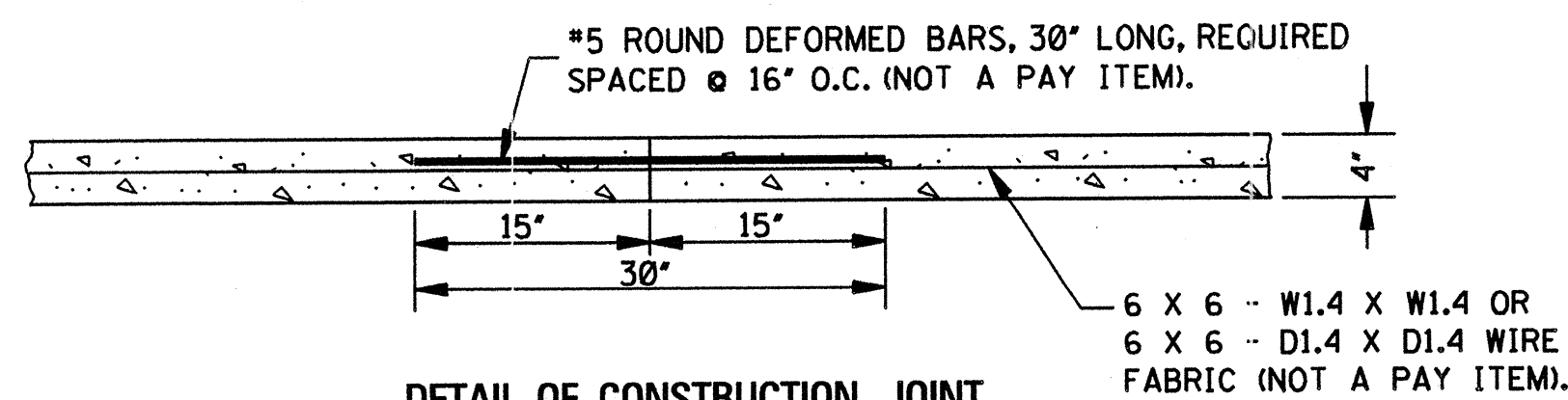
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
ROADWAY DESIGN DIVISION	
STANDARD PLAN	
TYPICAL TEMPORARY EROSION CONTROL MEASURES	
(SILT FENCE, HAY BALES & BRUSH BARRIER)	
WORKING NUMBER	TEC-1
ISSUE DATE:	OCTOBER 1, 1998
SHEET NUMBER	142



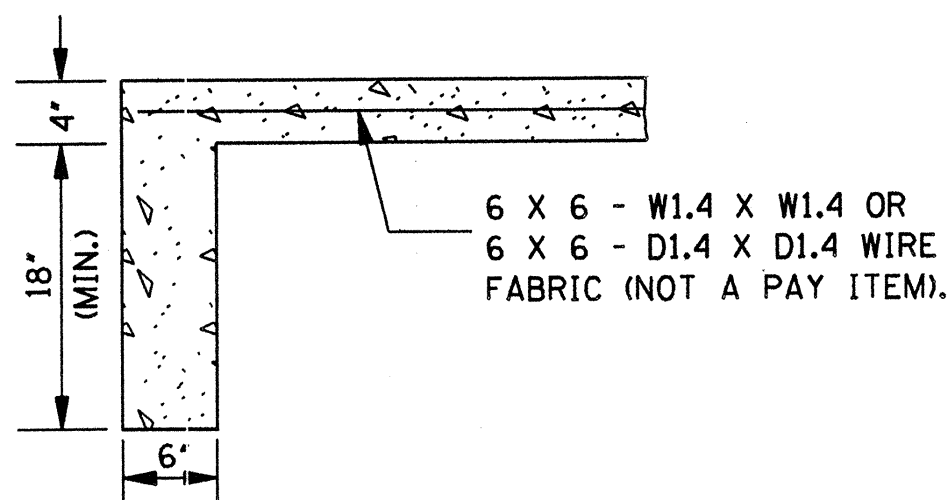
V TYPE SECTION



FLAT BOTTOM SECTION



DETAIL OF CONSTRUCTION JOINT



DETAIL OF TOE WALL

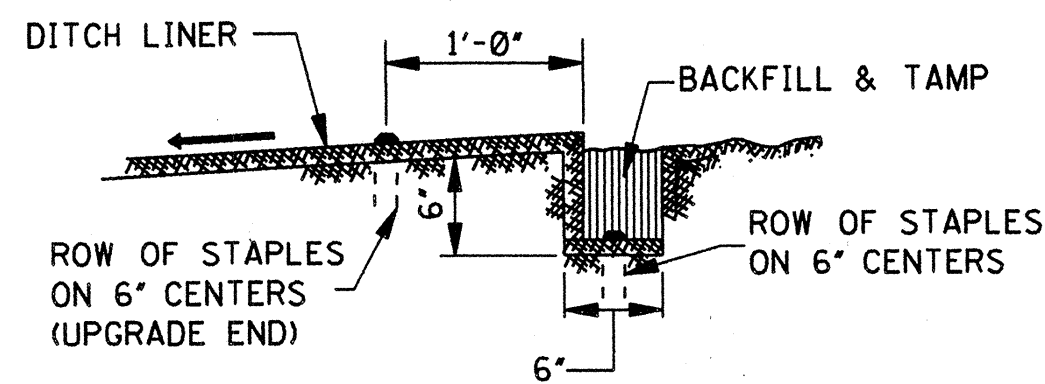
NOTE: TOE WALL REQUIRED UPSTREAM AND DOWNSTREAM.

CONCRETE PAVED DITCH

NOTES:

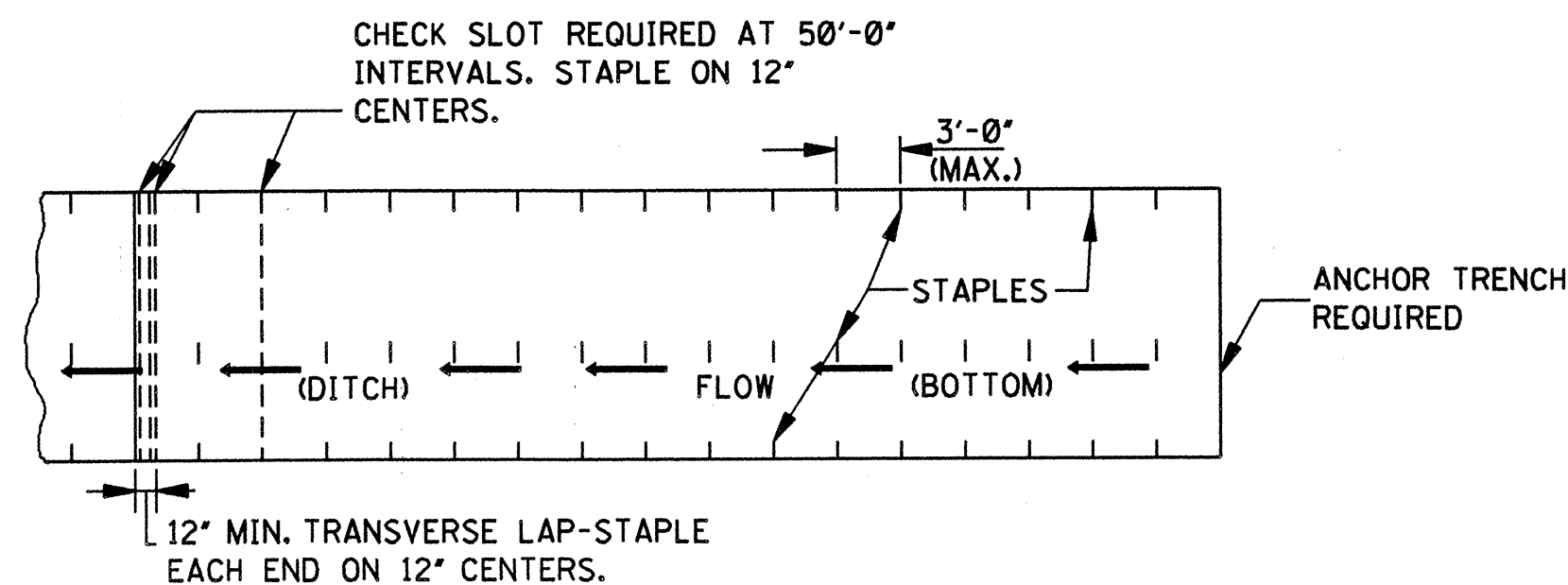
1. CONCRETE PAVED DITCHES SHALL BE GROOVED AT 20'-0" INTERVALS. THE GROOVES SHALL BE CUT TO A DEPTH OF NOT LESS THAN 1".
2. DIMENSIONS D & W ARE AS FOLLOWS:
D(MINIMUM) = 6"
D(NOMINAL) = 9"
W(MINIMUM) = 24"
3. CHAIR SUPPORTS FOR THE WIRE MESH WILL NOT BE REQUIRED. HOWEVER, THE CONTRACTOR SHALL PLACE THE 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.

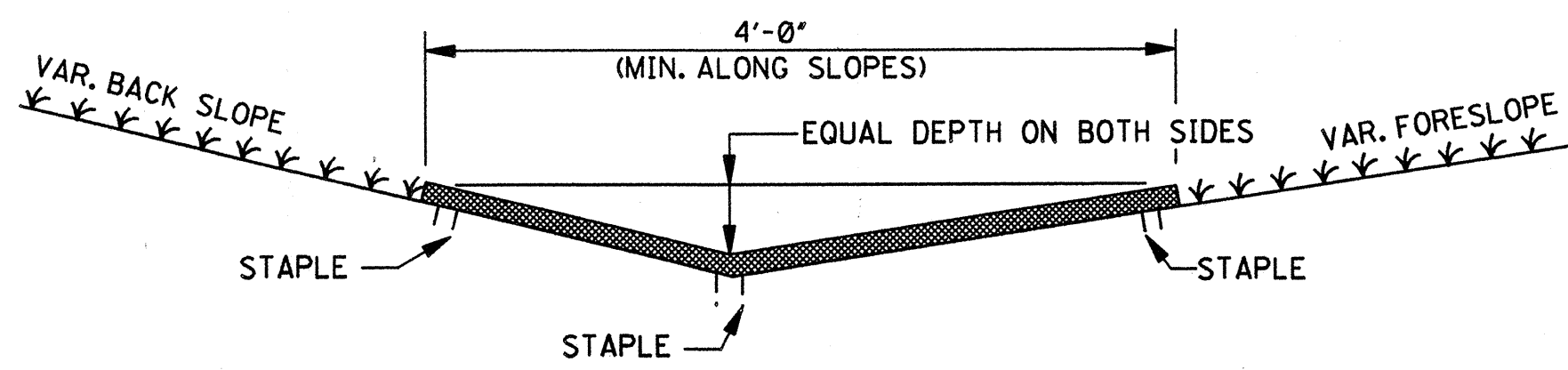


ANCHOR TRENCH DETAIL

NOTE: ANCHOR TRENCH REQUIRED AT THE BEGINNING AND ENDING OF EACH AREA TO BE COVERED, EXCEPT DOWNSTREAM END ADJOINING A STRUCTURE.



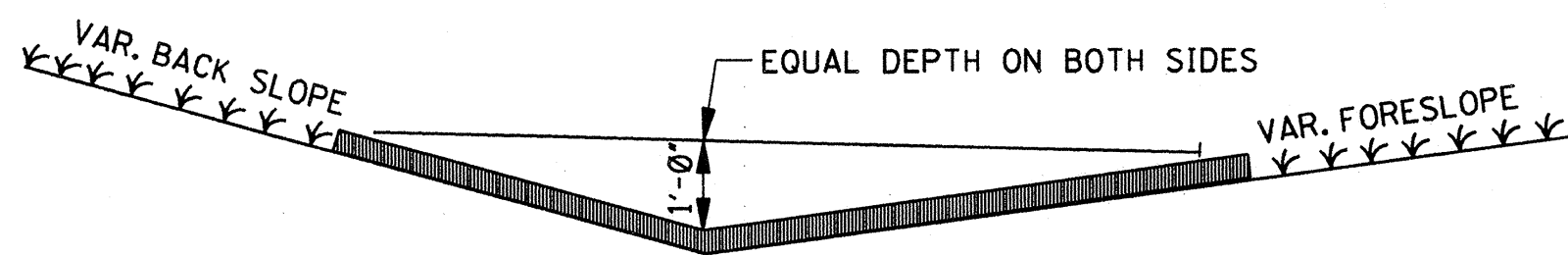
PLAN



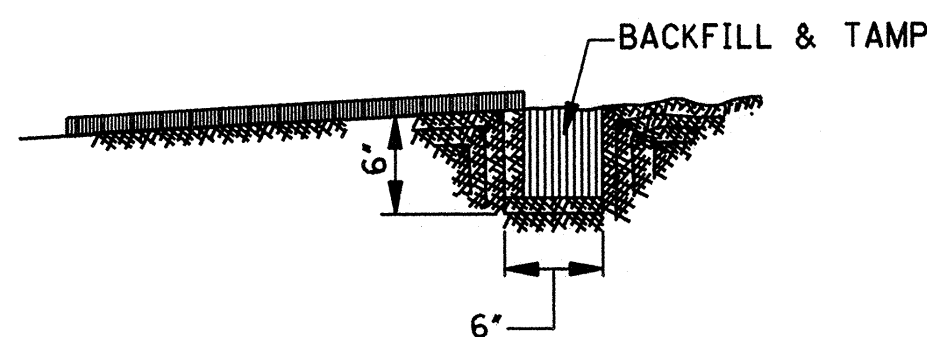
SECTION

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.



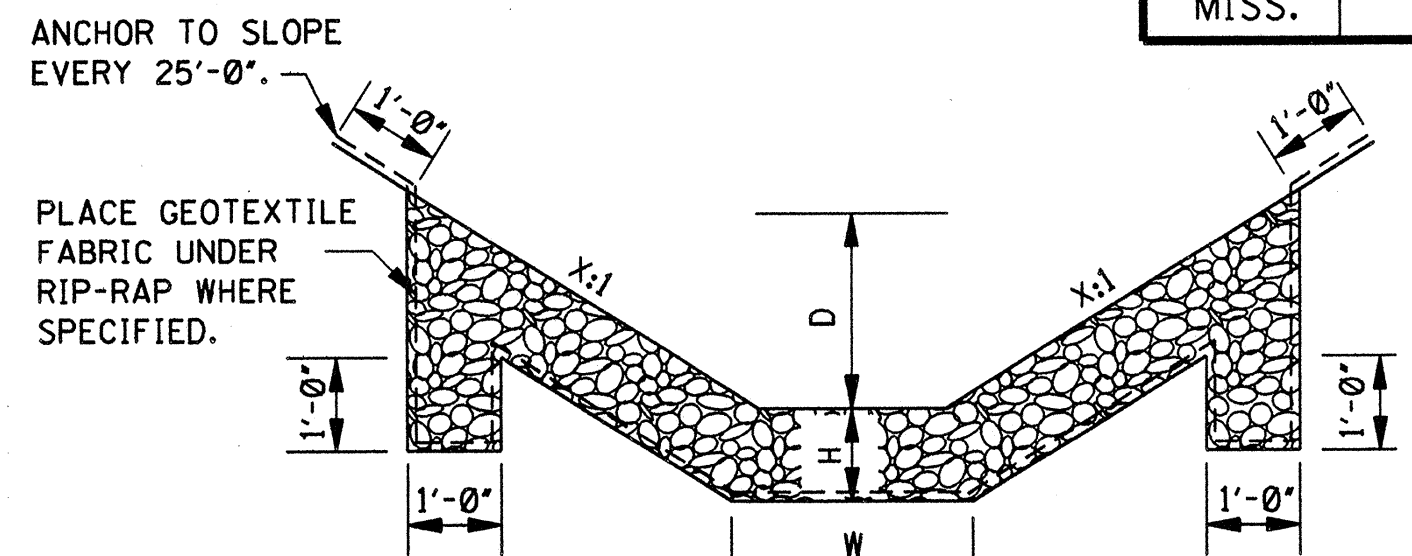
SECTION



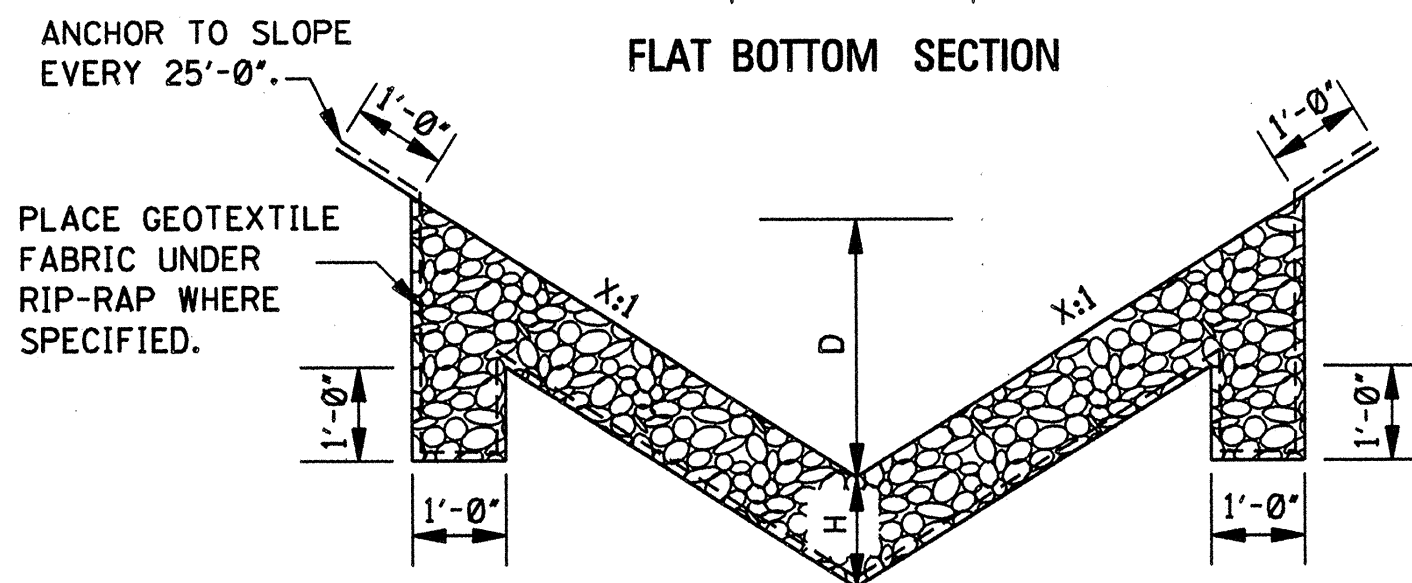
SLOT DETAIL

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.



FLAT BOTTOM SECTION

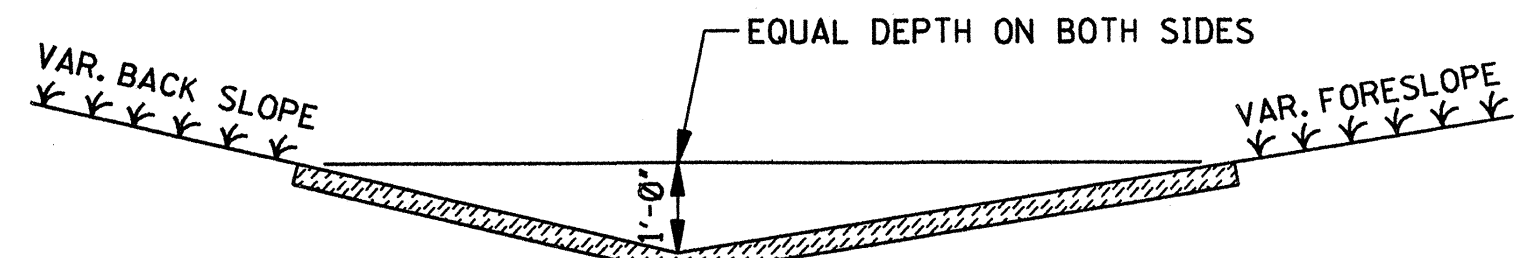


V TYPE SECTION
RIP-RAP TREATMENT

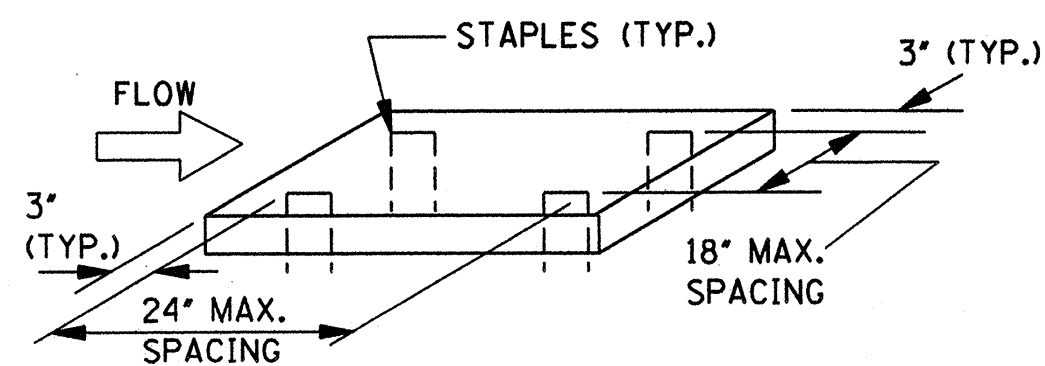
NOTES:

1. DIMENSIONS D, W AND X ARE VARIABLE AND ARE SHOWN ELSEWHERE ON THE PLANS.
2. THE RIP-RAP SIZE AND MINIMUM DEPTH "H" FOR RIP-RAP TREATMENT ARE AS FOLLOWS.

RIP-RAP SIZE & MINIMUM DEPTH "H"	
H	RIP-RAP SIZE
(in)	(lbs)
12"	100
18"	300



SOLID SOD TREATMENT



NOTE: SOLID SOD (STRIPS OR BLOCKS) ARE TO BE STAPLED, PINNED, PEGGED OR STAKED AT THE FOUR CORNERS OR AT THE MAXIMUM SPECIFIED SPACING.

GENERAL NOTE:

1. FOR LOCATION OF APPROPRIATE DITCH TREATMENTS, SEE PLAN SHEETS AS DENOTED BY THE FOLLOWING LEGEND OR AS DIRECTED BY THE ENGINEER:

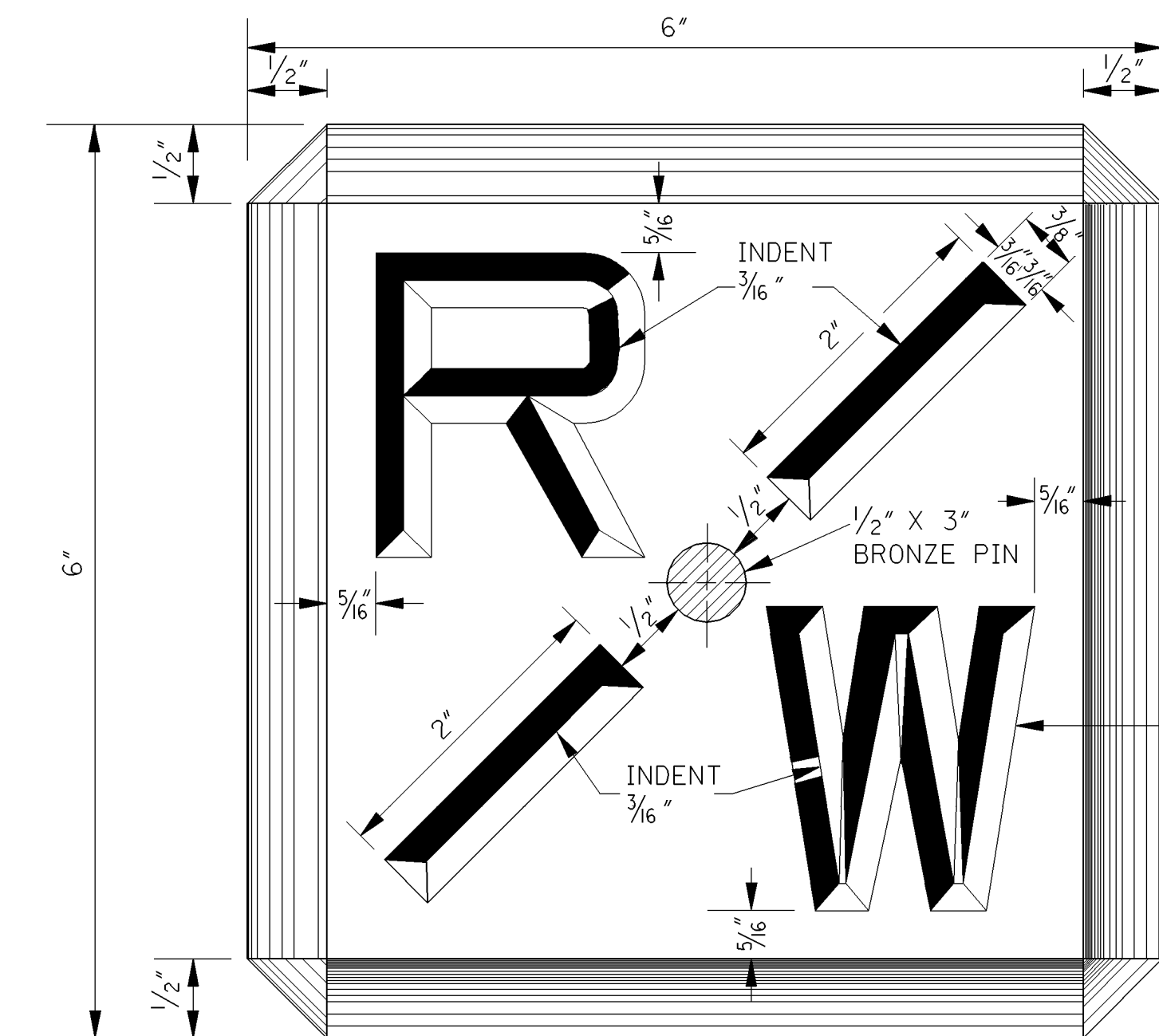
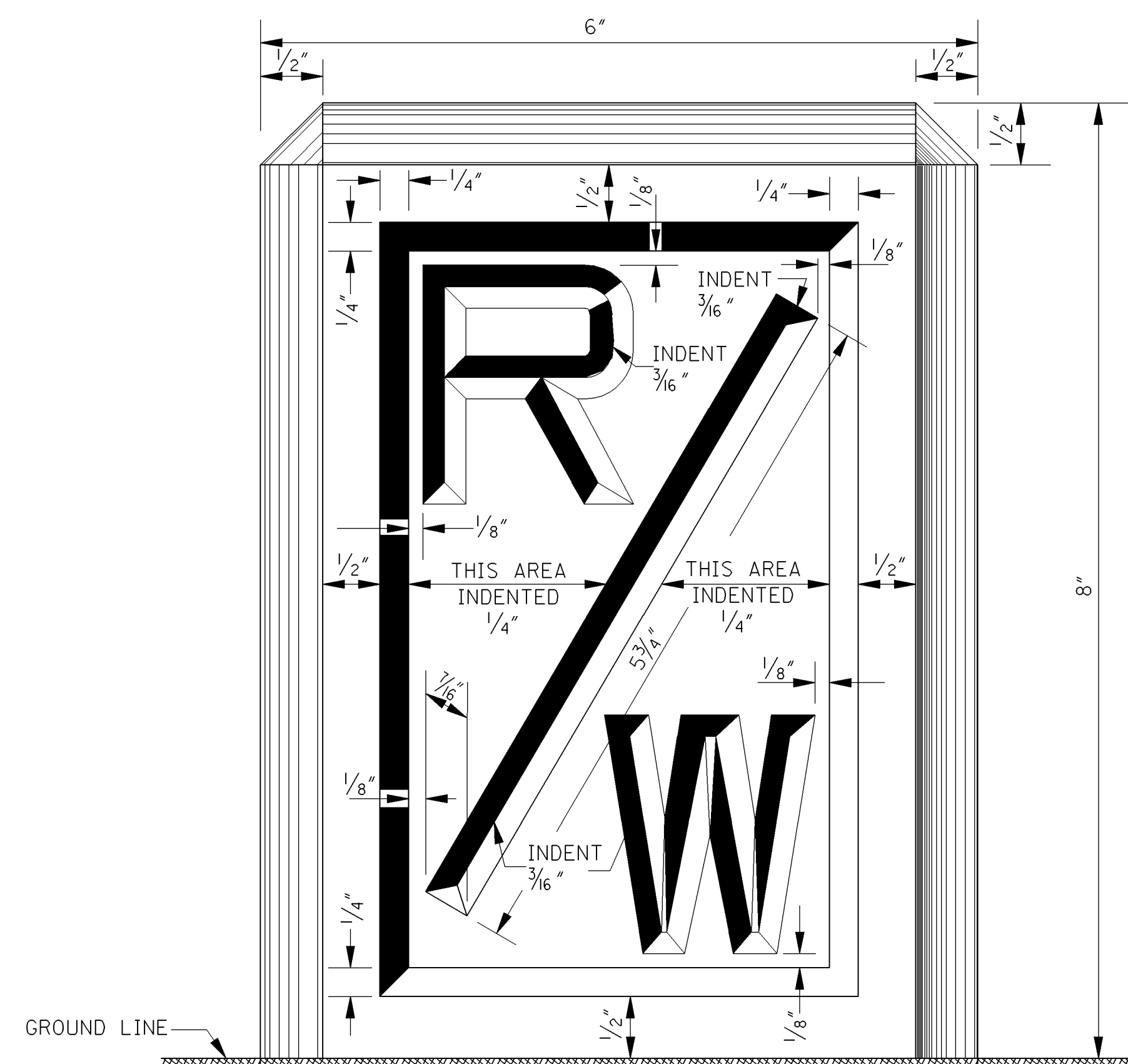
- DITCH LINER
- BITUMINOUS TREATED ROVING
- SOLID SOD
- CONCRETE PAVED DITCH
- RIP-RAP

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION		ROADWAY DESIGN DIVISION	
DATE		STANDARD PLAN	
		DETAILS OF TYPICAL DITCH TREATMENTS	
		ISSUE DATE: OCTOBER 1, 1998	
		WORKING NUMBER DT-1	
		SHEET NUMBER 145	



TYPE II MARKER
(FLUSH TYPE FOR USE IN BUILT-UP AREAS)

FOR DIMENSIONS OF
LETTERS, SEE "DETAIL
OF LETTERS" FOR
TYPE I, ALT. NO. 2.



GROUND LINE

1"

24"

23"

1"

TOP IS TO BE FLUSH WHERE MARKER IS INSTALLED WITHIN A PAVED OR SIDEWALK AREA.

1/2" X 3" BRONZE PIN

#3 DEFORMED BARS

1"

1/2"

6"

1/2"

6"

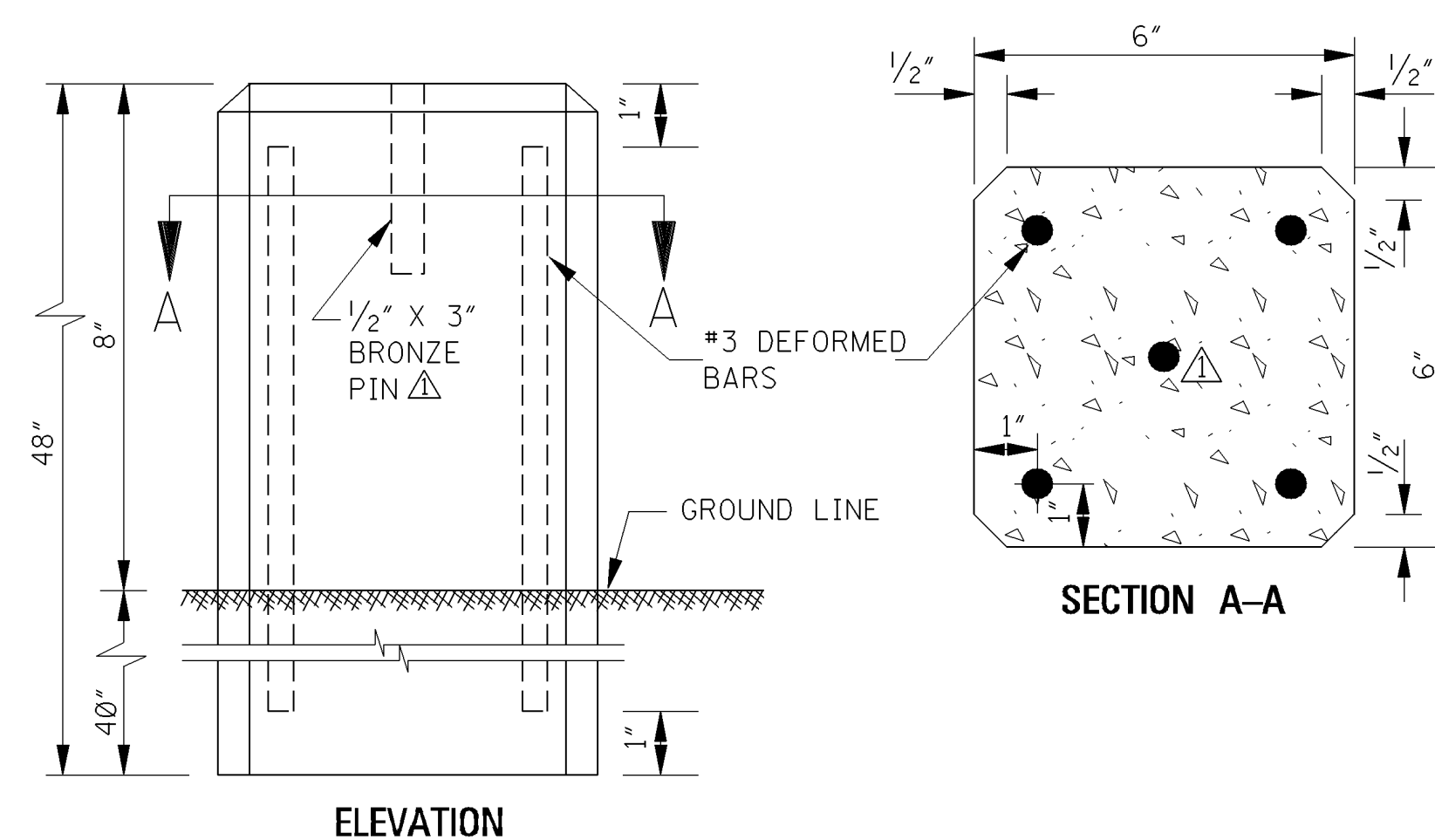
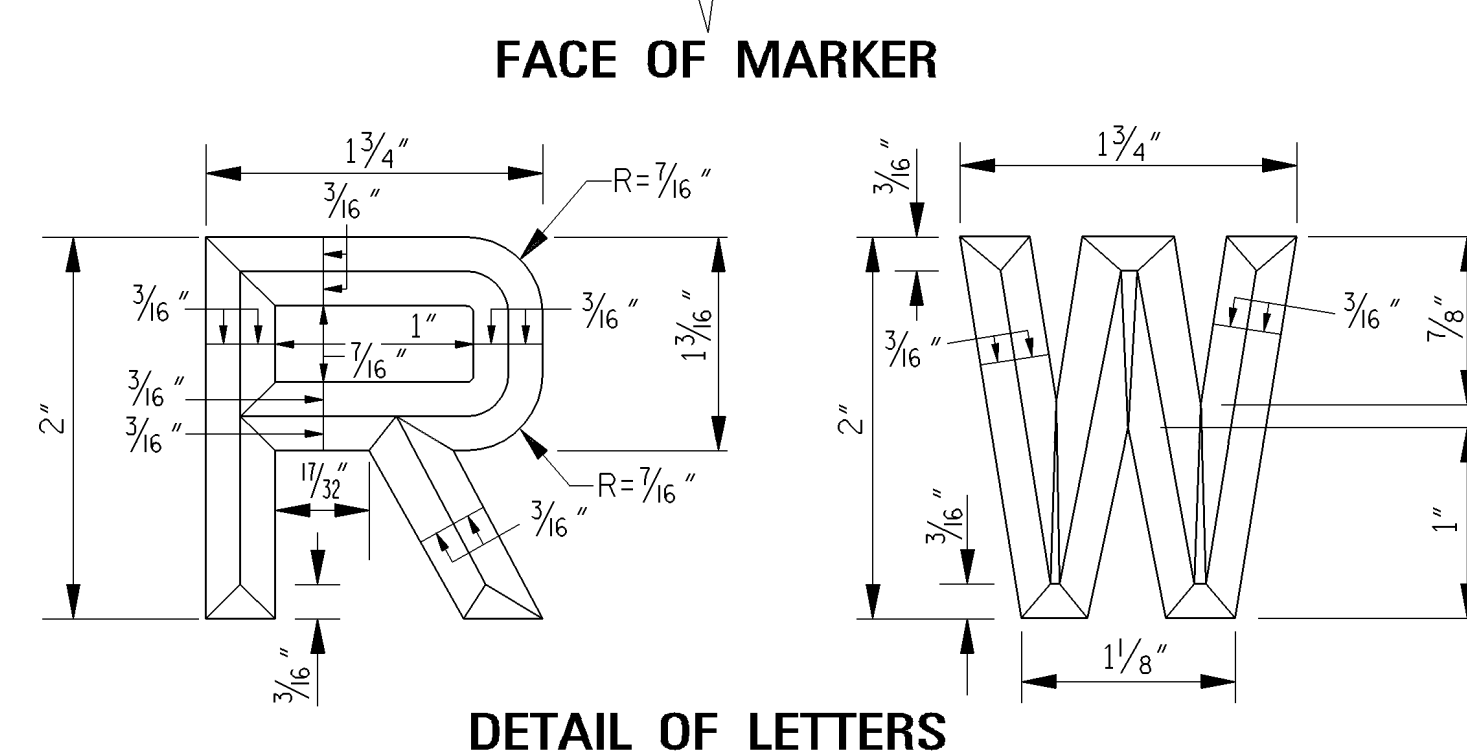
1/2"

SECTION A-A

FACE OF MARKER

Technical drawing showing the 'FACE OF MARKER' and 'DETAIL OF LETTERS'. The 'FACE OF MARKER' shows a top-down view of a rectangular block with a central 'R' and 'W' cutout. The 'DETAIL OF LETTERS' shows a side view of the 'R' and 'W' letters, highlighting their 3D structure and dimensions.

DETAIL OF LETTERS



The figure consists of two plan views of a road intersection. The top view shows a T-junction with a vertical centerline and dashed lines for the Right-of-Way (R.O.W.) and Roadway (Rdway). The bottom view shows a cross-section of the road with a centerline and dashed lines for the R.O.W. and Rdway. Labels include 'R.O.W.', 'Rdway', and 'PLAN'.

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.

BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN
----	--

RIGHT-OF-WAY MARKER



WORKING NUMBER

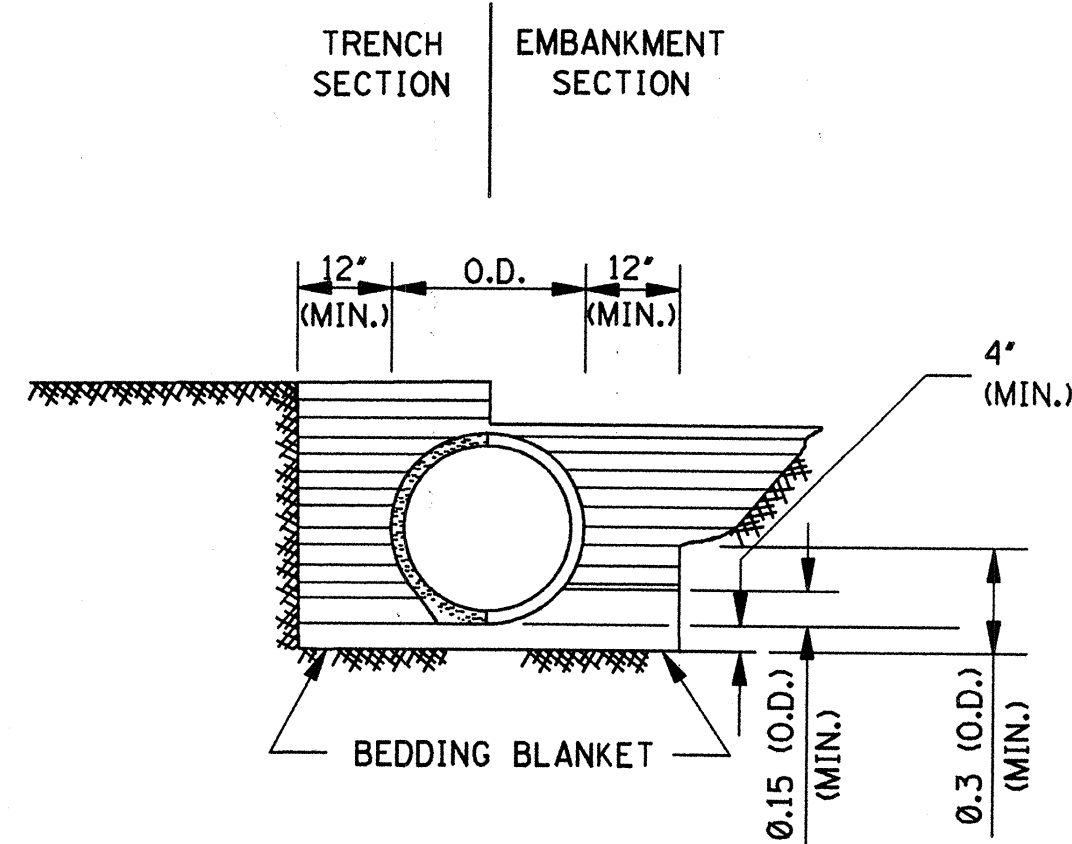
RW-1

ISSUE DATE: OCTOBER 1, 1998

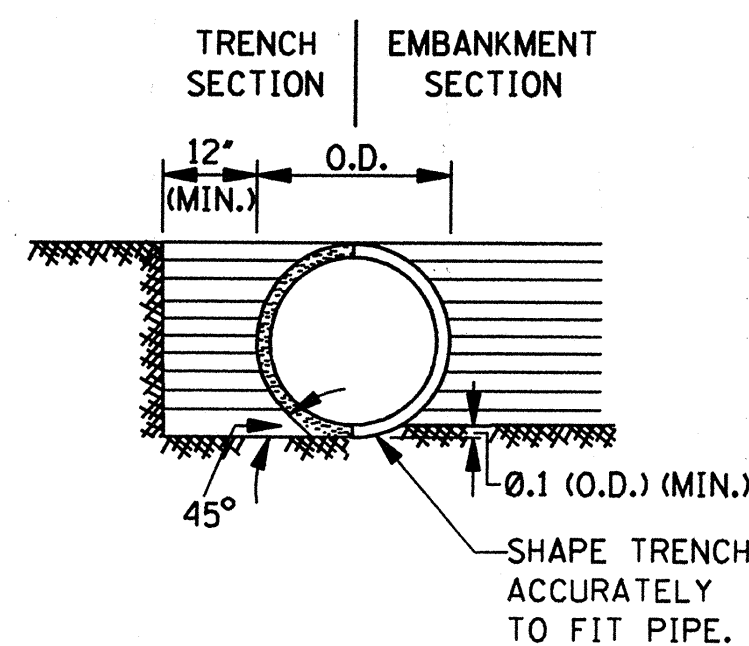
STATE	PROJECT NO.
MISS.	

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
		3' X 1' OR 5' X 1' CORRUGATED STEEL / RIVETED, WELDED 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' / -

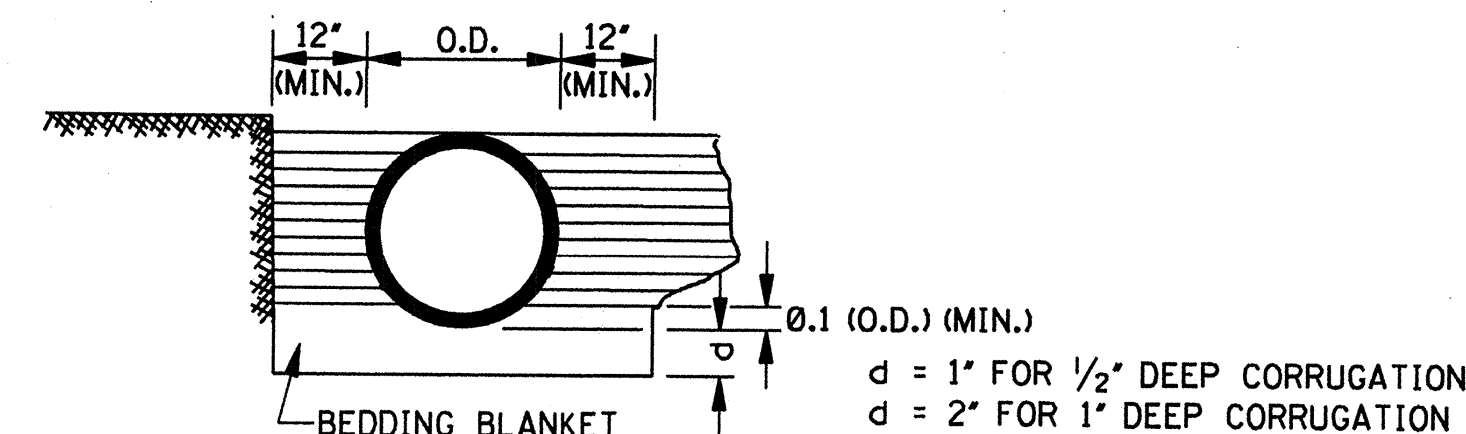
NOTE: THE AVERAGE INSIDE DIAMETER SHALL NOT VARY MORE THAN ONE (1) PERCENT OR 1/2", WHICHEVER IS GREATER, FROM THE NOMINAL DIAMETER WHEN MEASURED ON THE INSIDE CREST OF THE CORRUGATIONS (AASHTO M 36M/M 36 & AASHTO M 196M/M 196).



CLASS B



CLASS C



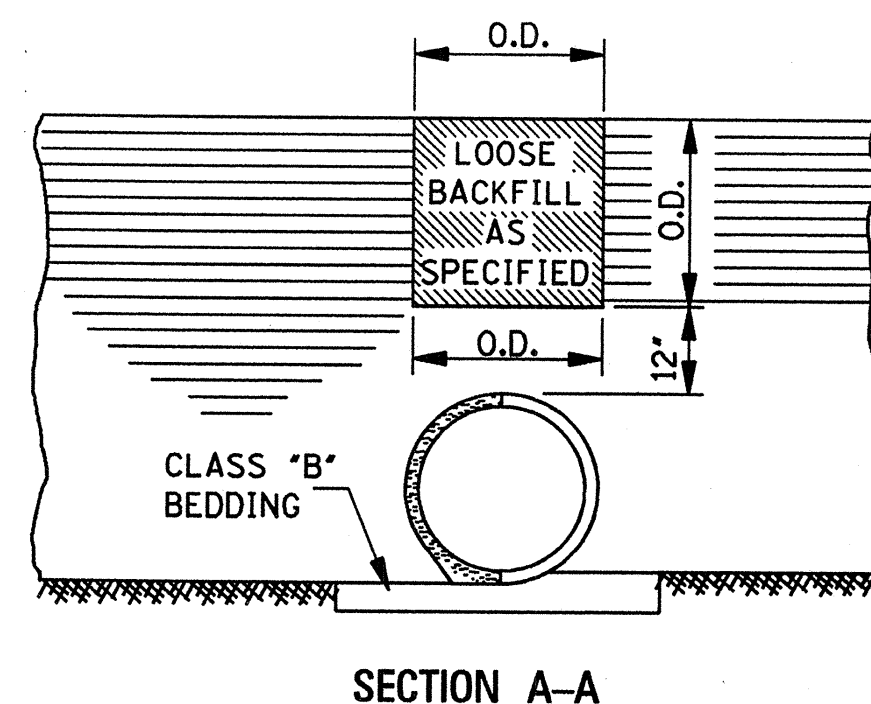
CLASS C MODIFIED

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'

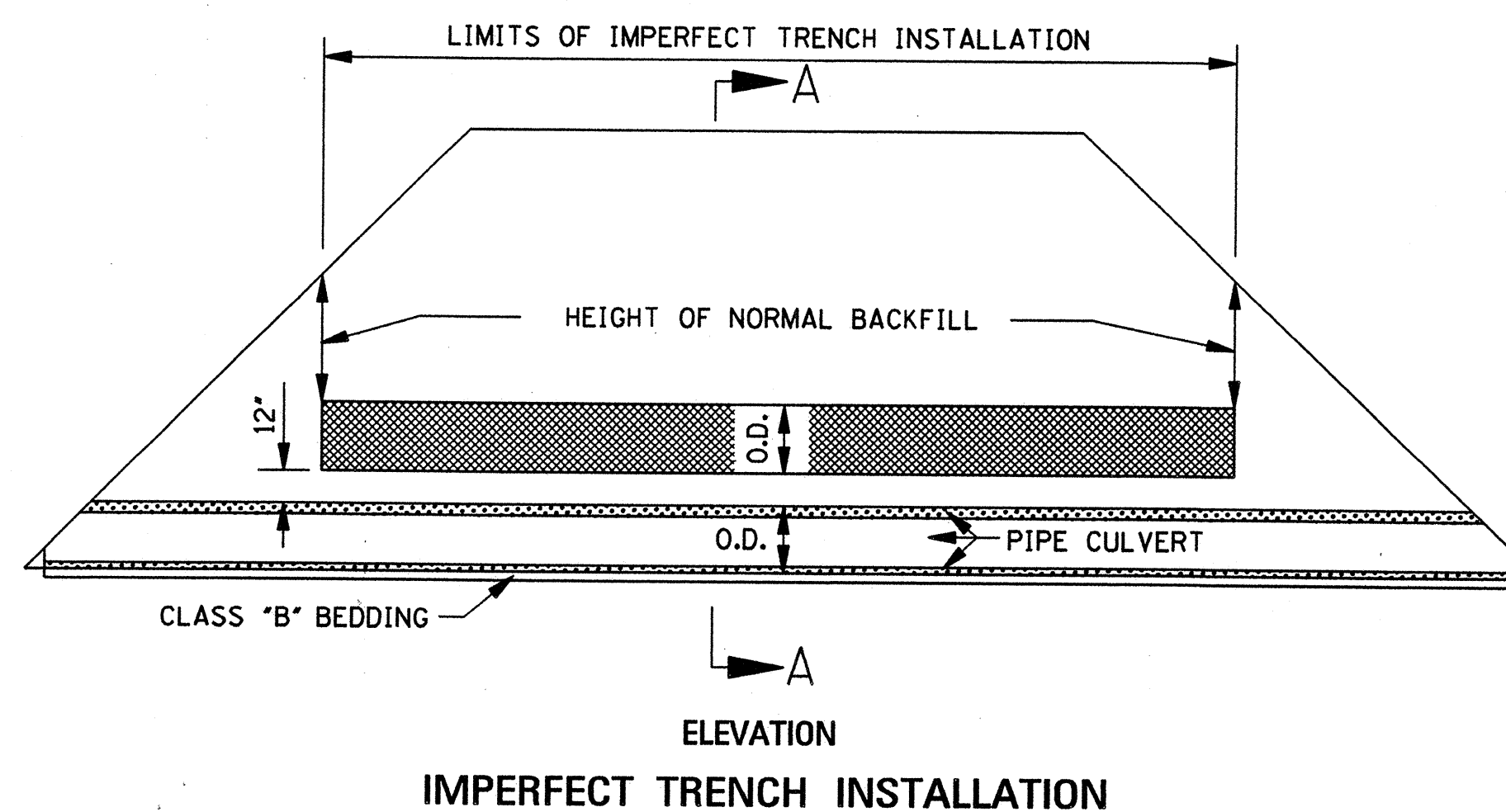
NOTE: CLASS OF PIPE AND BEDDING TO BE CONSISTENT THROUGHOUT THE PIPE LENGTH.

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 1/2" X 1/2" CORRUGATION RIVETED, WELDED OR HELICAL		2 1/2" X 1/2" CORRUGATION RIVETED OR HELICAL	
15"	17" X 13"	3"	18"	0.064"	13'	0.060"	15'+
18"	21" X 15"	3"	18"	0.064"	12'	0.060"	14'
24"	28" X 20"	3"	18"	0.064"	10'	0.060"	10'
30"	35" X 24"	3"	18"	0.079"	9'	0.060"	15'+
36"	42" X 29"	3 1/2"	18"	0.079"	9'	0.075"	14'
42"	49" X 33"	4"	18"	0.079"	9'	0.105"	13'
48"	57" X 38"	5"	18"	0.109"	8'	0.135"	12'
54"	64" X 43"	6"	18"	0.109"	8'	0.135"	12'
60"	71" X 47"	7"	18"	0.138"	8'	0.164"	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.



SECTION A-A



IMPERFECT TRENCH INSTALLATION

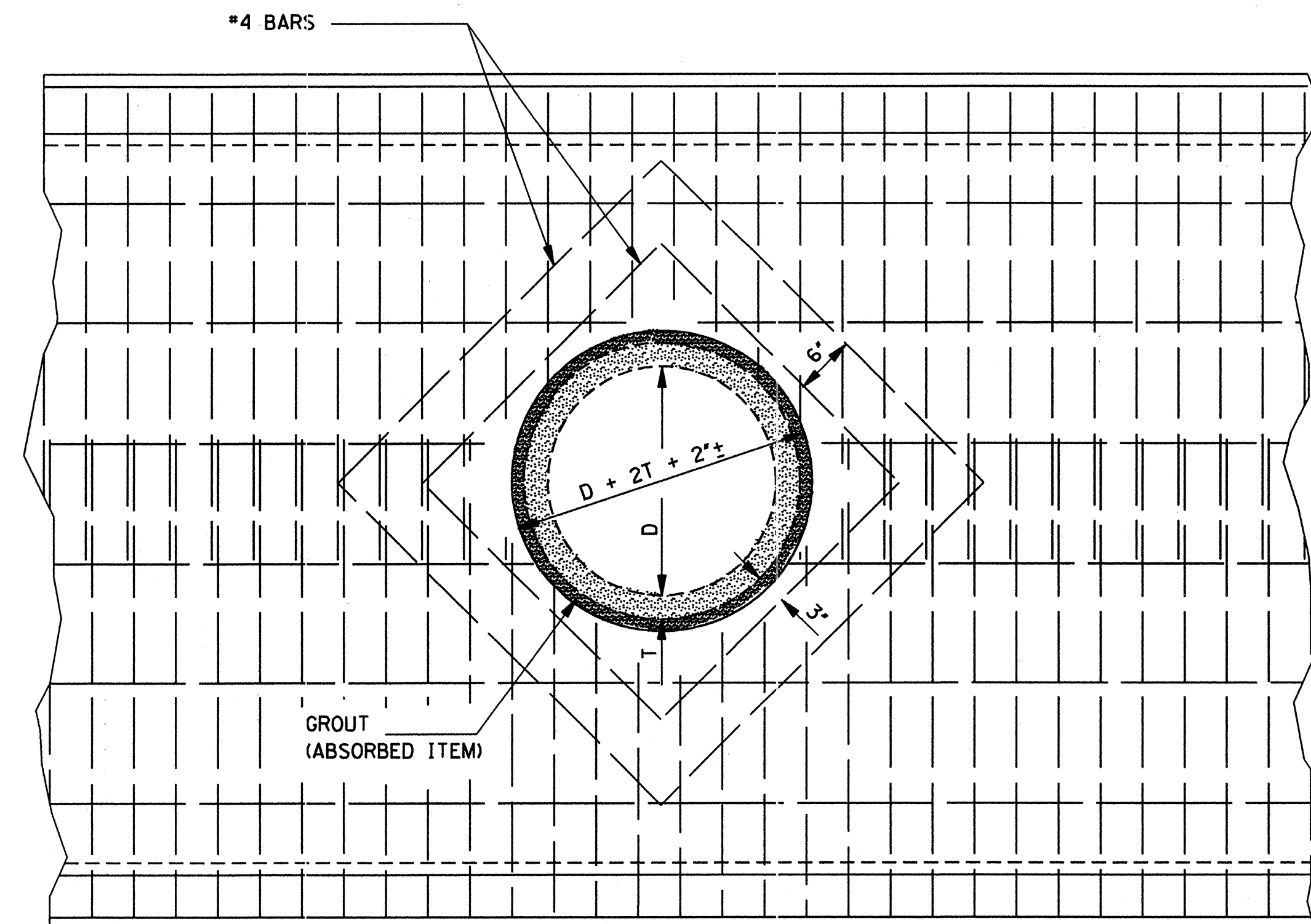
MAXIMUM HEIGHT OF FILL OVER CLASS 2 NONREINFORCED CONCRETE PIPE, PERFORATED AND/OR PLAIN, FOR UNDERDRAINS				
PIPE SIZE (in)	MAXIMUM COVER (ft)			
	BEDDING CLASS "C"/CLASS "B"		PROJECTING POSITIVE p = 0.7; R _{sd} = 0.7	
	B _d (in)	SAND & GRAVEL	DAMP CLAY	
4"	2.00'	*	*	34' / 42'
6"	2.00'	*	*	25' / 30'
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.

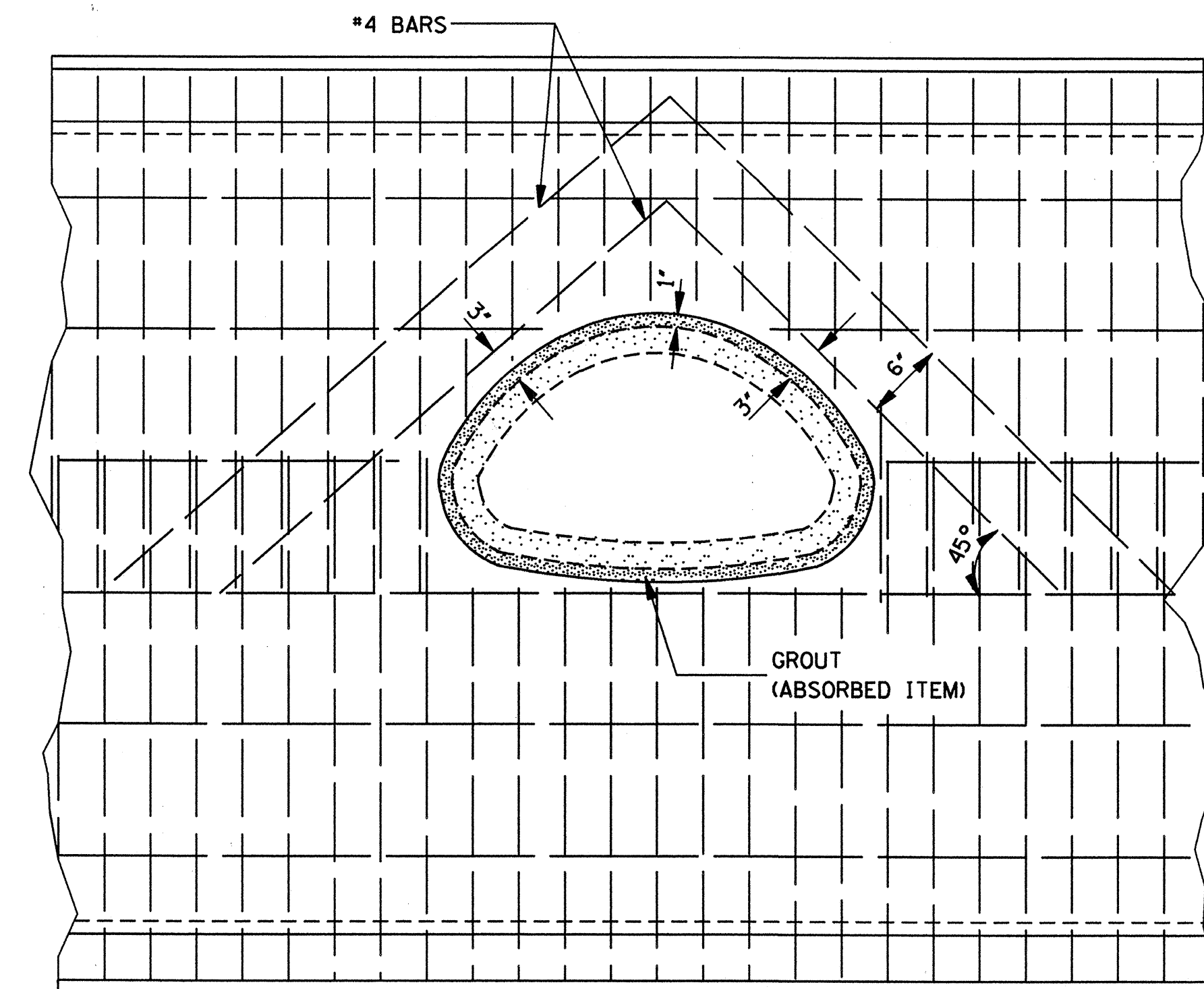
GENERAL NOTES:

- 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.

BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
REVISION	ROADWAY DESIGN DIVISION
DATE	STANDARD PLAN
	PIPE CULVERT INSTALLATION
	WORKING NUMBER PI-1
	SHEET NUMBER 300
	ISSUE DATE: OCTOBER 1, 1998



ELEVATION SHOWING CIRCULAR PIPE
STUBBED INTO BOX CULVERT BARREL OR WING-WALL



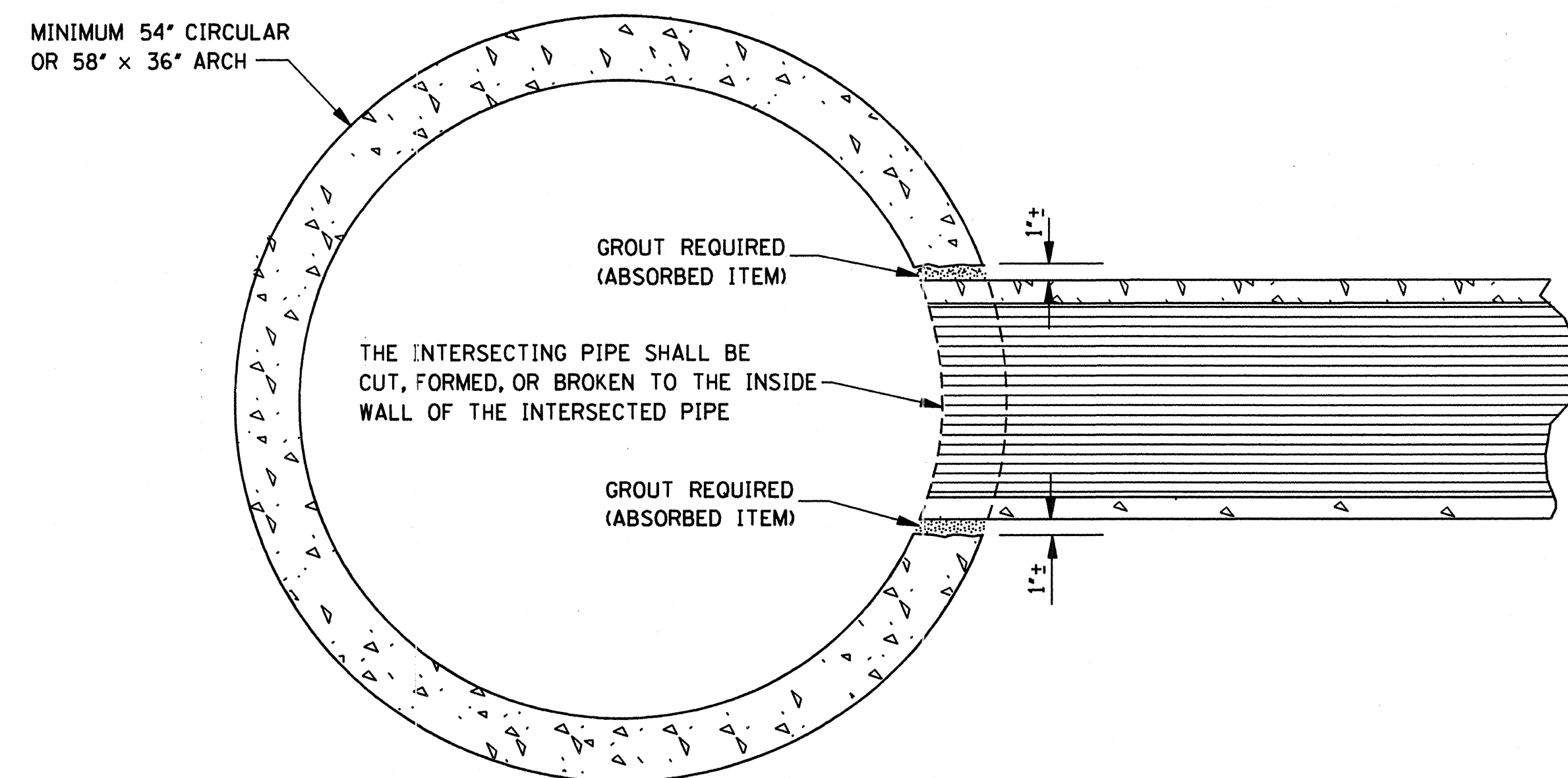
ELEVATION SHOWING ARCH PIPE STUBBED
INTO BOX CULVERT BARREL OR WING-WALL

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"
	1	5'-4"
29" x 18"	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.

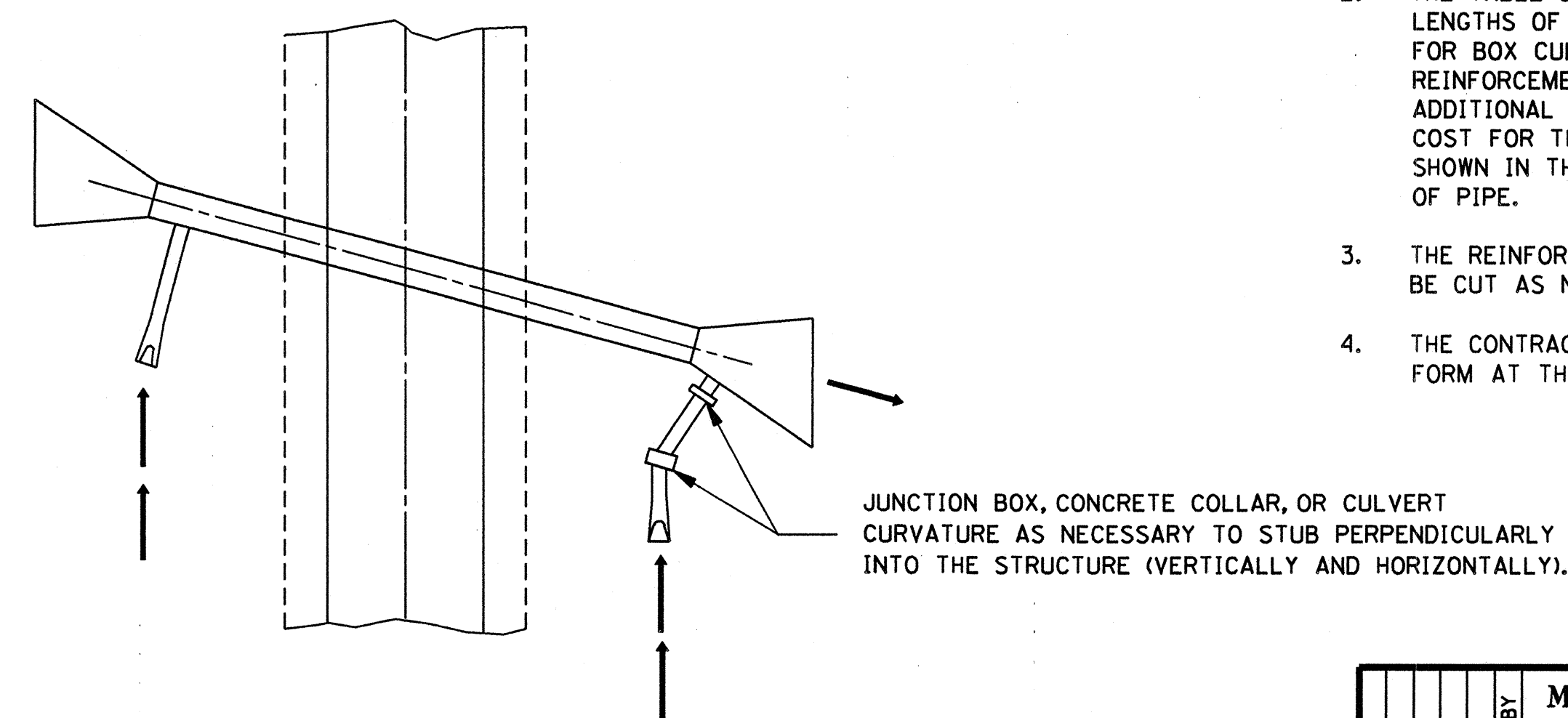
GENERAL NOTES:

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.

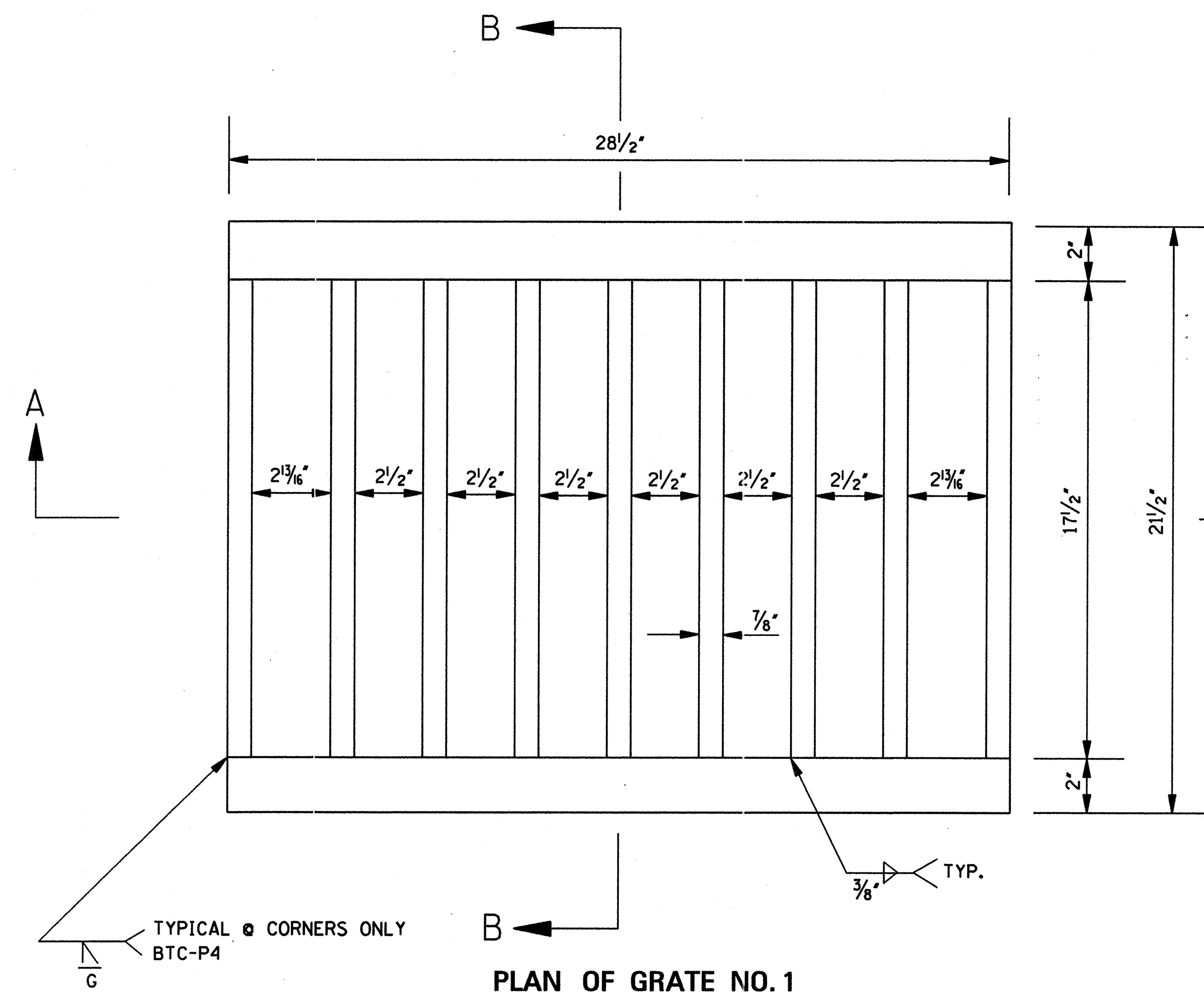


TYPICAL PLAN OF BRANCH CONNECTION
TO BOX CULVERT WING-WALL

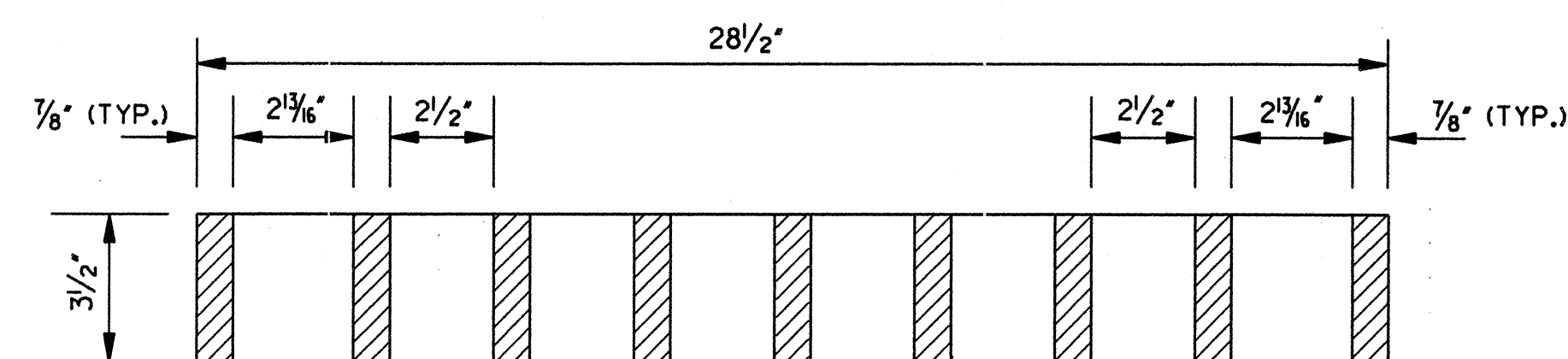
MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
BRANCH CONNECTIONS	
WORKING NUMBER BC-1	SHEET NUMBER 305
DATE	ISSUE DATE: OCTOBER 1, 1998

STATE	PROJECT NO.
MISS.	

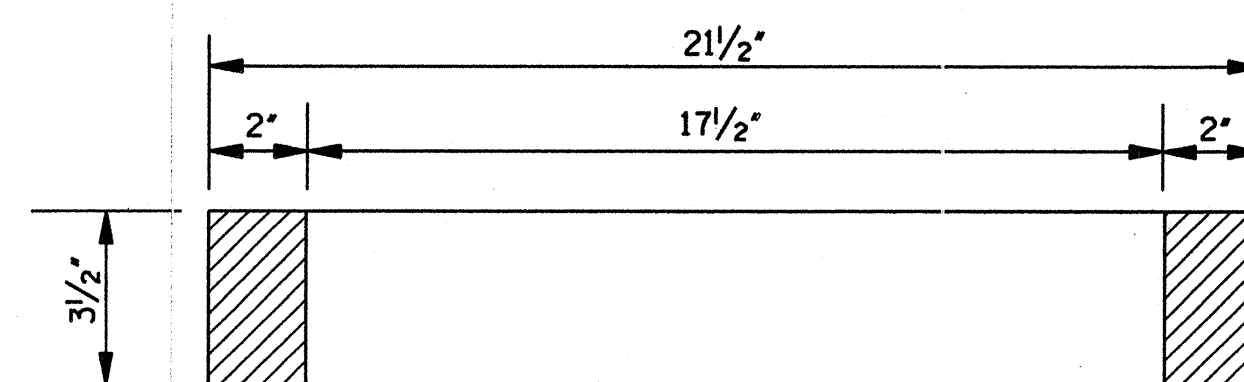
GRATE NO. 1



PLAN OF GRATE NO. 1

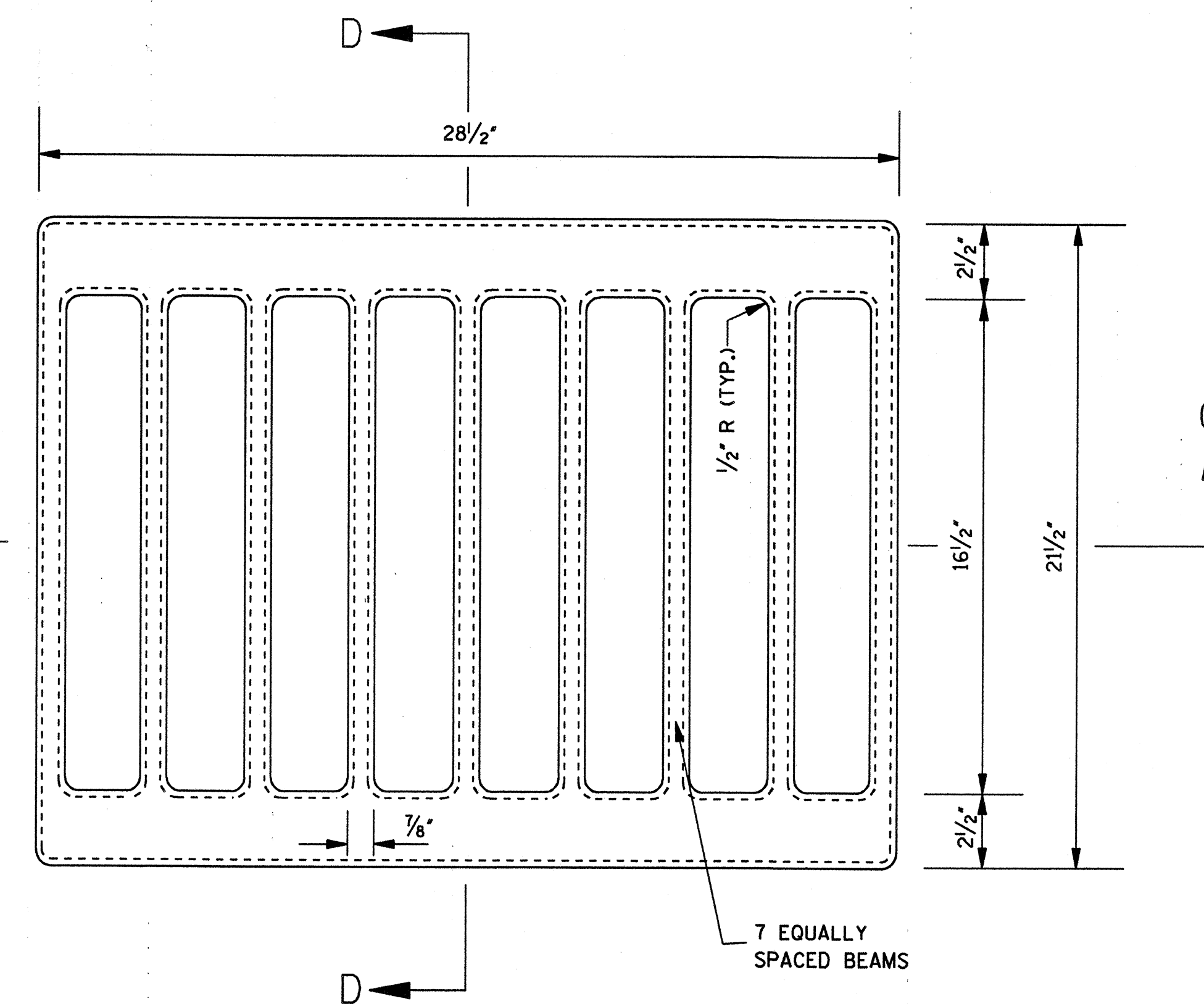


SECTION A-A

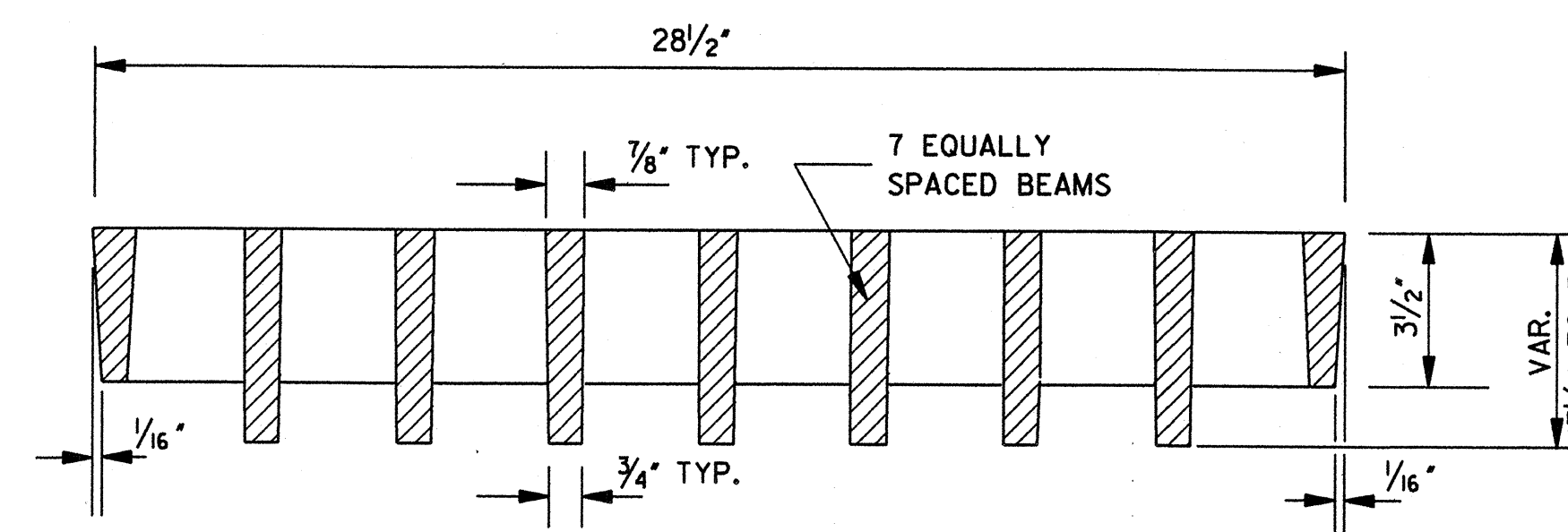


SECTION B-B

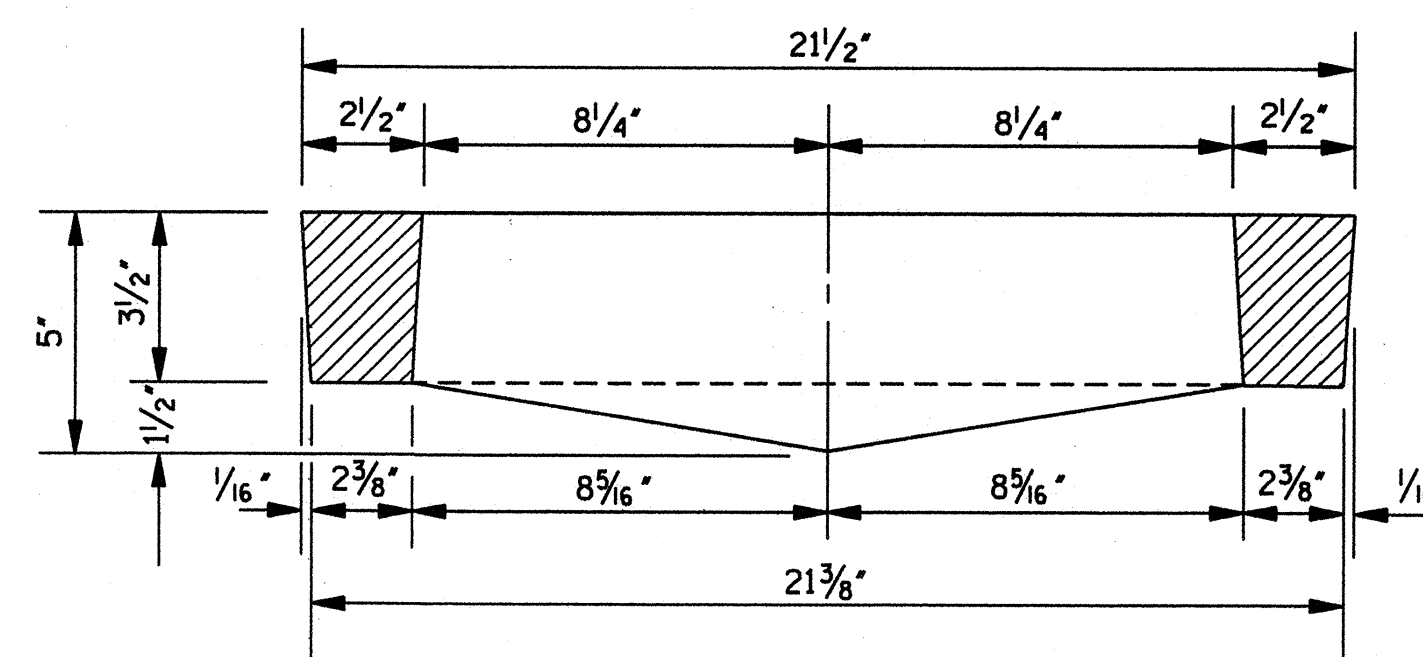
GRATE NO. 2



PLAN OF GRATE NO. 2



SECTION C-C



SECTION D-D

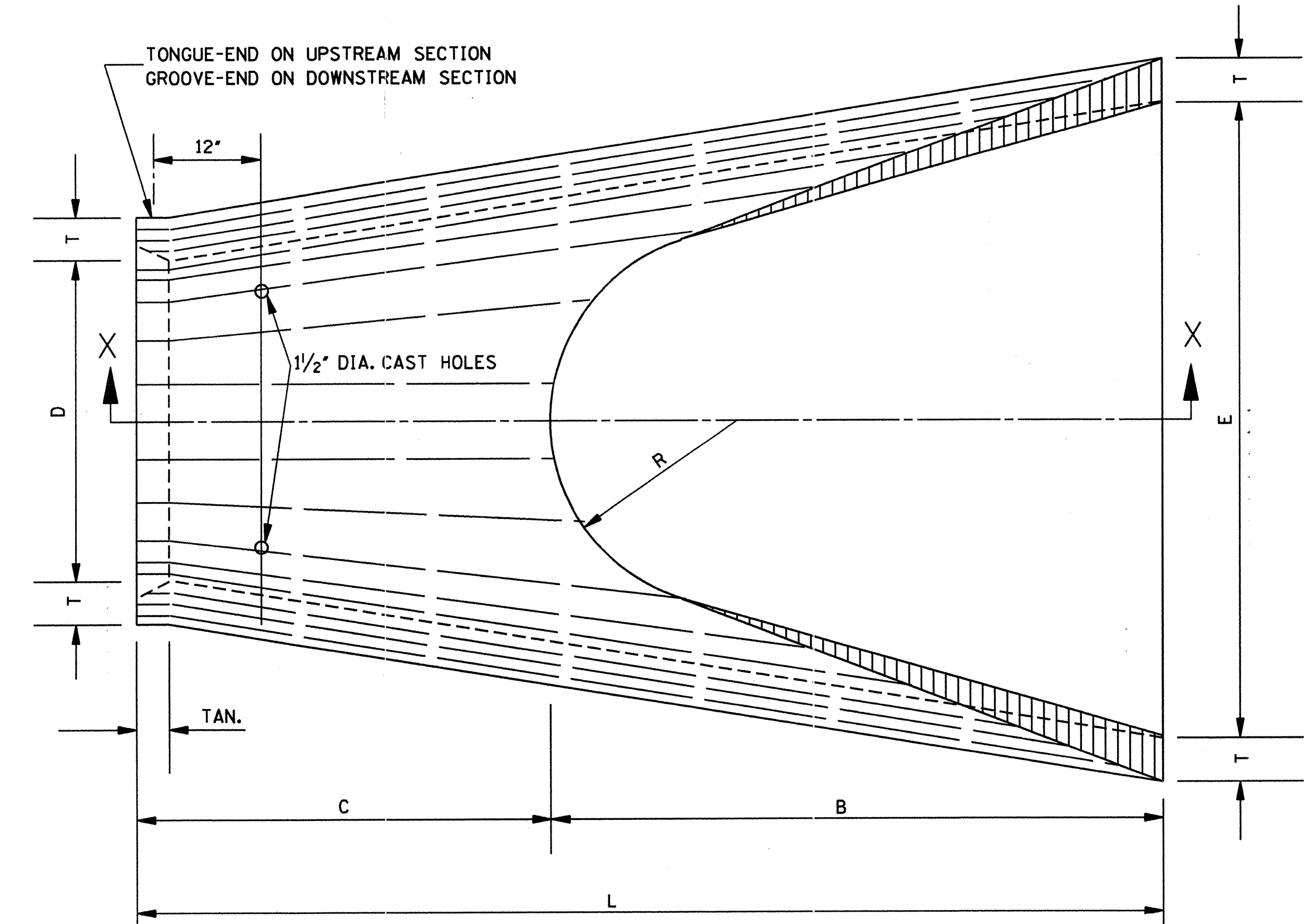
GENERAL NOTES:

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).

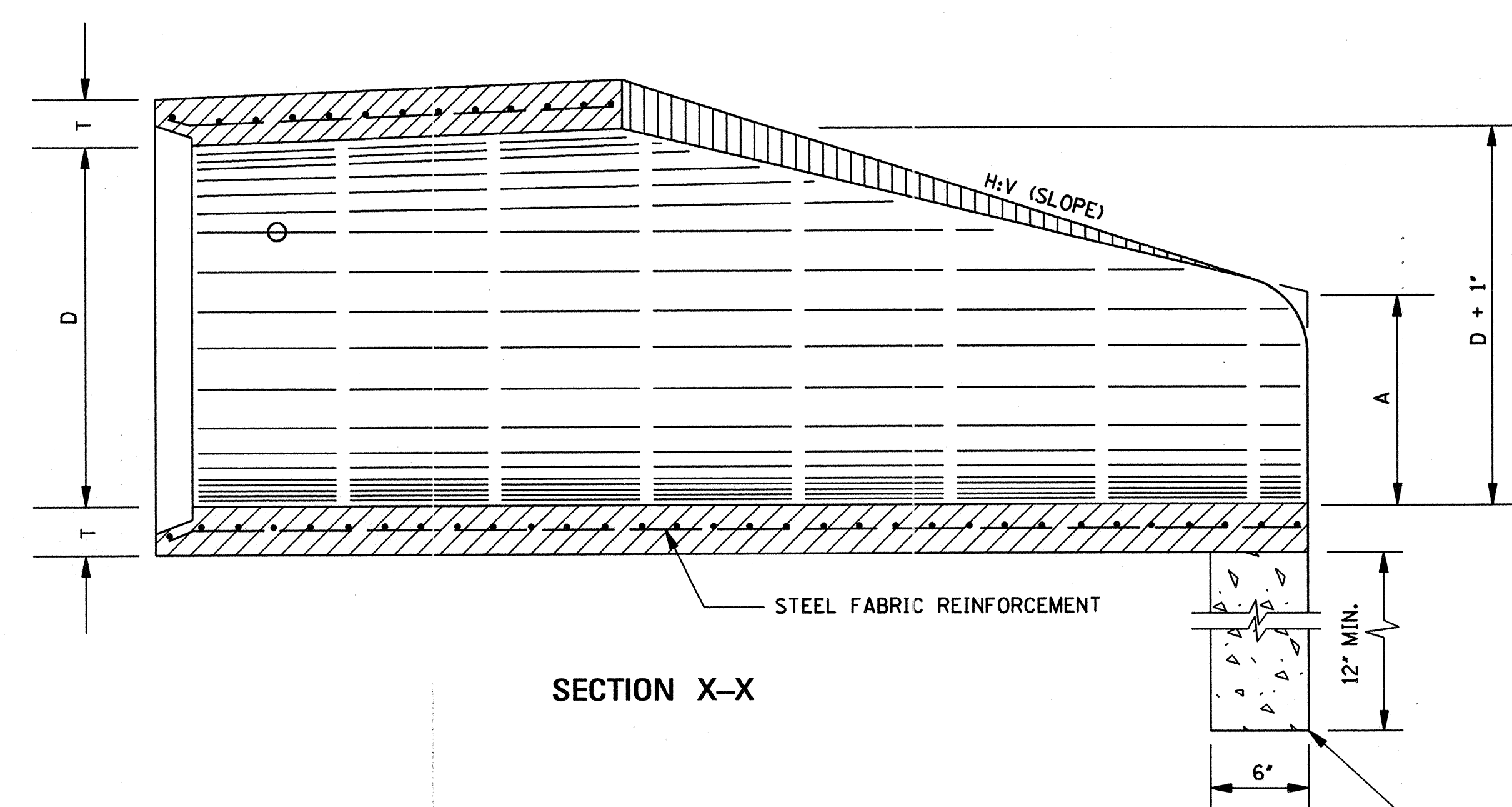
MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN			
DETAILS OF GRATES FOR MEDIAN INLETS			
			
WORKING NUMBER	IG-1		
SHEET NUMBER	314		
DATE	ISSUE DATE: OCTOBER 1, 1998		

BELL AND SPIGOT END OPTION

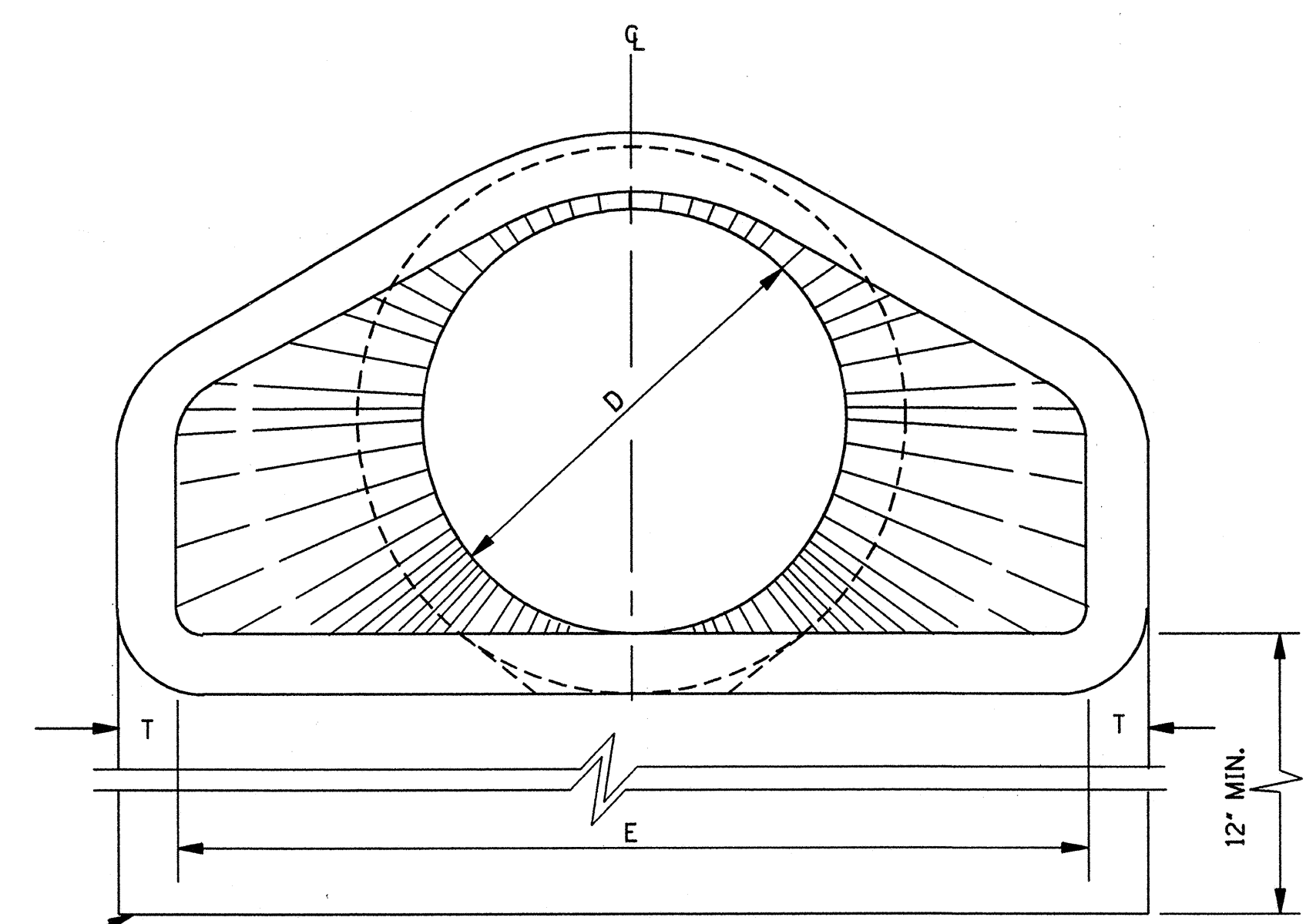
NOTE: BELL-END ON DOWNSTREAM SECTION
SPIGOT-END ON UPSTREAM SECTION.



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.

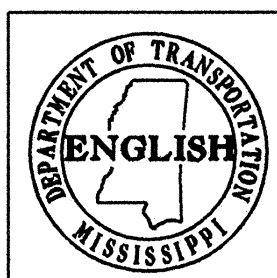
TABLE OF DIMENSIONS							
D	T	H:V	A	B	C	E	L
15"	2 1/4"	3:1	6"	2'-3"	4'-1"	2'-8"	6'-1"
18"	2 1/2"	3:1	9"	2'-3"	3'-10"	3'-0"	6'-1"
24"	3"	3:1	10"	3'-8"	2'-6"	4'-0"	6'-2"
30"	3 1/2"	3:1	1'-0"	4'-6"	1'-8"	5'-0"	6'-2"
36"	4"	3:1	1'-3"	5'-3"	2'-11"	6'-0"	8'-2"
42"	4 1/2"	3:1	1'-9"	5'-3"	2'-11"	6'-6"	8'-2"
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"

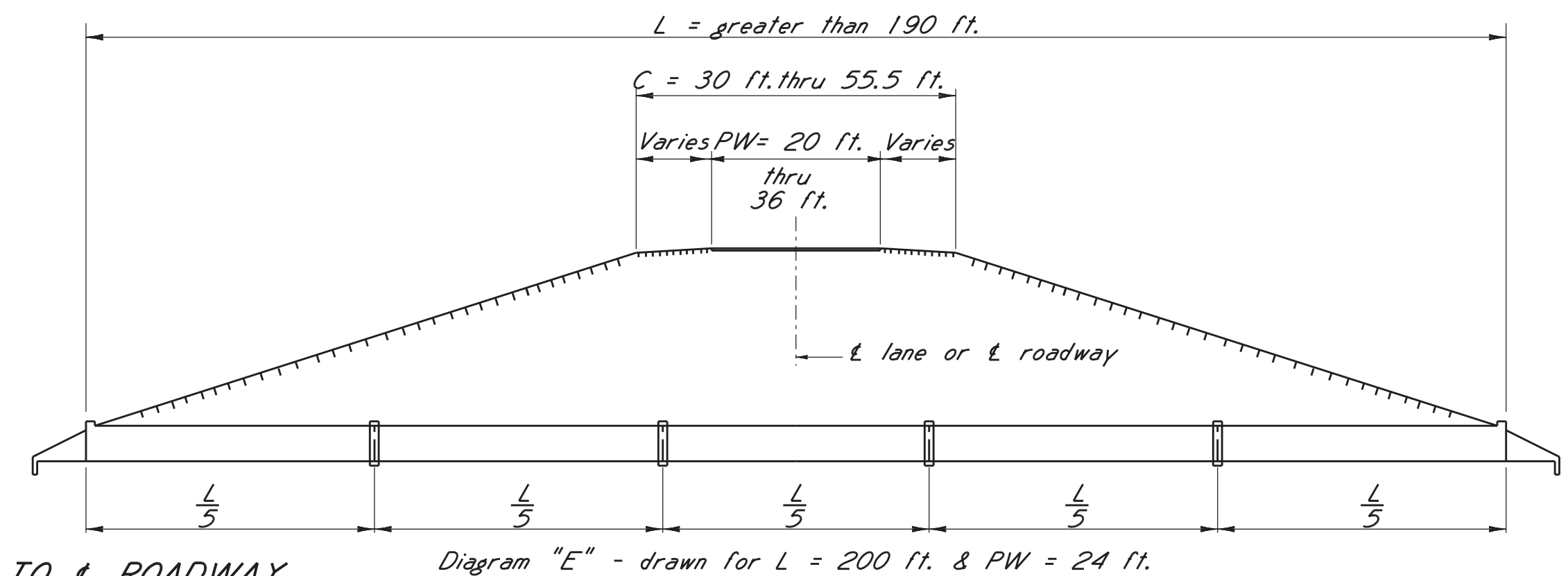
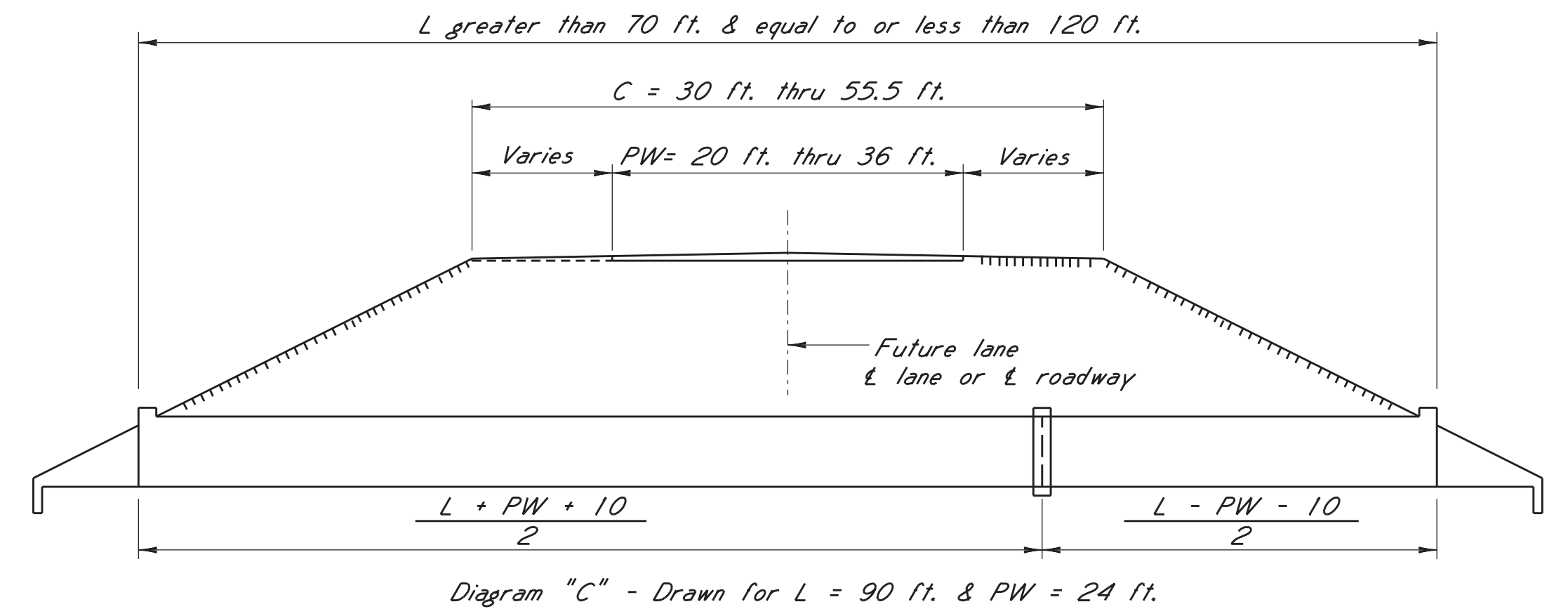
* NOTE: SEE GENERAL NOTE 2.

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.

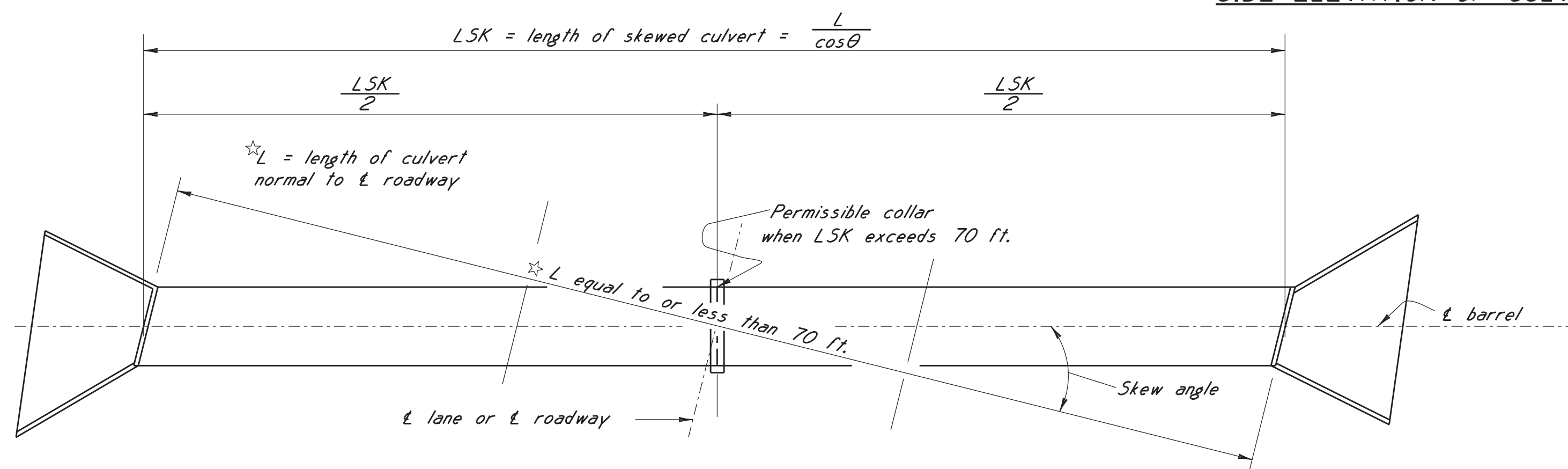
MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN		 WORKING NUMBER FE-1 SHEET NUMBER 328
DATE	ISSUE DATE: OCTOBER 1, 1998	



GENERAL NOTES:

The diagram illustrates the cross-section of a culvert. The total width of the culvert is labeled $L = \text{length of culvert normal to } \perp \text{ survey}$. The width of the crown (top) is labeled $C = \text{crown width}$. The width of the median (center) is labeled $M = \text{median width}$. The width of the pavement on either side of the median is labeled $PW = \text{pavement width}$.

* NOTE: Group 1: 2 or 3 - 10 ft. thru 12 ft. traffic lanes
or 2 - 12 ft. (present) & 1 - 12 ft. (future) traffic lanes



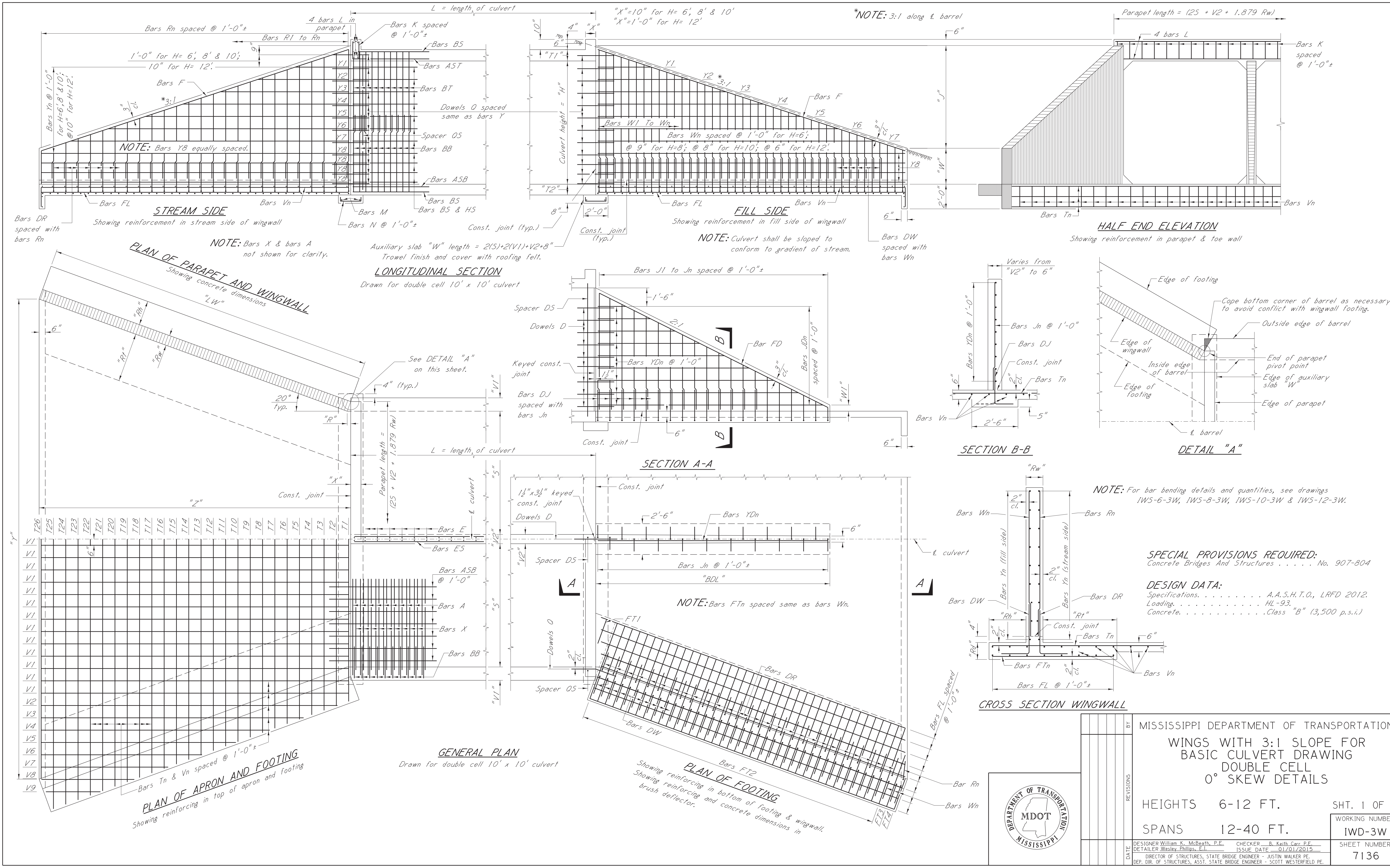
Typical for diagram "A" group 1 and skewed 15° right forward
(No collars required)
Note : LSK = 1.03528(L) for 15° skew.

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 $\angle$ barrel) given and number of joints and length of barrel sections required, multiply LSK by the cosine of the skew angle O to obtain L (length of culvert normal to $\angle$ 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 $\angle$ roadway.
3. Divide each length of section by the cosine of the skew angle O to determine the length of each barrel section along $\angle$ 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.

[illegible]



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 1/8" +V2	28'-6 1/8" +V2	32'-6 1/8" +V2	36'-6 1/8" +V2	40'-6 1/8" +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.



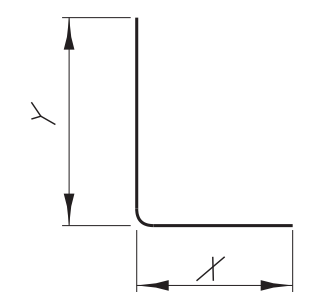
					BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION									
						WINGS WITH 3:1 SLOPE FOR									
						BASIC CULVERT DRAWING									
						DOUBLE CELL									
						0° SKEW DETAILS									
						HEIGHT 6 FT.					SHT. 1 OF 2				
						SPANS 12-32 FT.					WORKING NUMBER				
											IWD-6-3W				
											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.

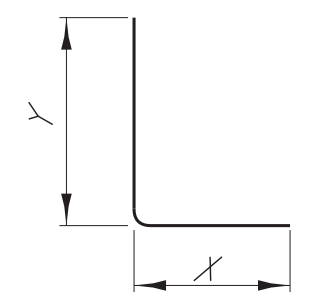
HEIGHT = 6 FT.												
BAR LISTS FOR WINGS, FOOTING, PARAPET, APRON & AUXILIARY SLAB												
BAR	SIZE	NO. REQUIRED							DIM. X	DIM. Y	LENGTH	
		SPAN										
		6'	8'	10'	12'	14'	16'					
T1	#4	1	1	1	1	1	1			25+V2+5'-5"		
T2	#4	1	1	1	1	1	1			25+V2+6'-1 1/2"		
T3	#4	1	1	1	1	1	1			25+V2+6'-10"		
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"

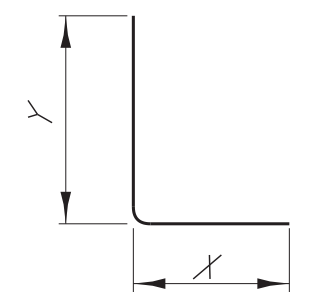
BAR LISTS FOR UPSTREAM BRUSH DEFLECTOR					
BAR	SIZE	NO. REQ'D	DIM. X	DIM. Y	LENGTH
D	*7	5			5'-4"
DS	*4	1			6'-0" + T1
J1	*5	1		W1+5'-1 ½"	W1+5'-1 ½"
J2	*5	1		W1+4'-8"	W1+4'-8"
J3	*5	1		W1+4'-2"	W1+4'-2"
J4	*5	1		W1+3'-8"	W1+3'-8"
J5	*5	1		W1+3'-2 ½"	W1+3'-2 ½"
J6	*5	1		W1+2'-8 ½"	W1+2'-8 ½"
J7	*5	1	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"



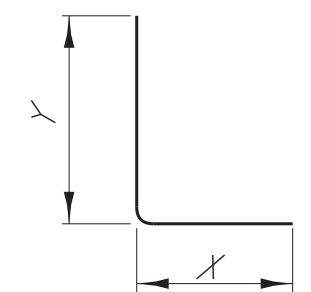
BARS In - #5



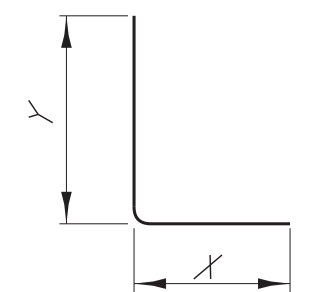
BARS DJ - #5



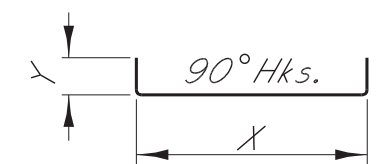
BARS DR - #4



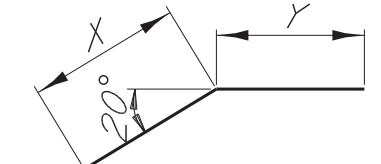
BARS DW - #5



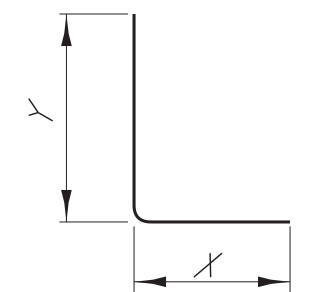
BARS R_n - #4



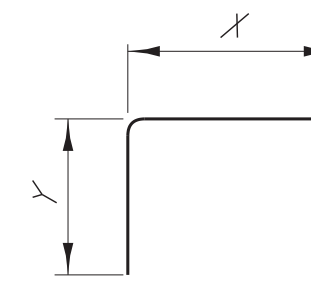
BARS N - #4



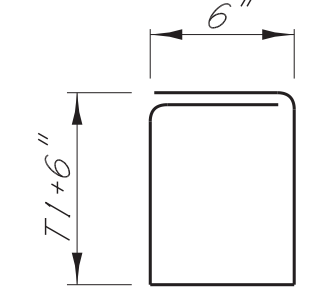
DOWELS Q - #7



BARS W_n - #5



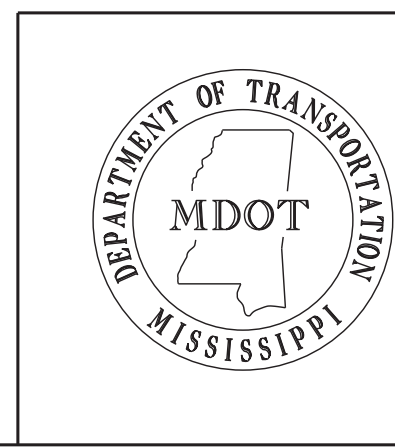
BARS V_n - #4

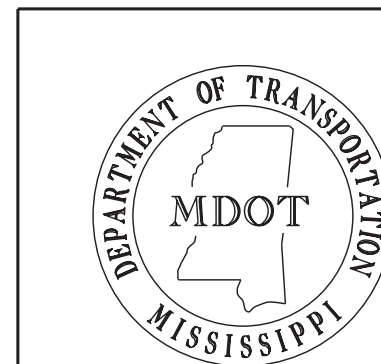
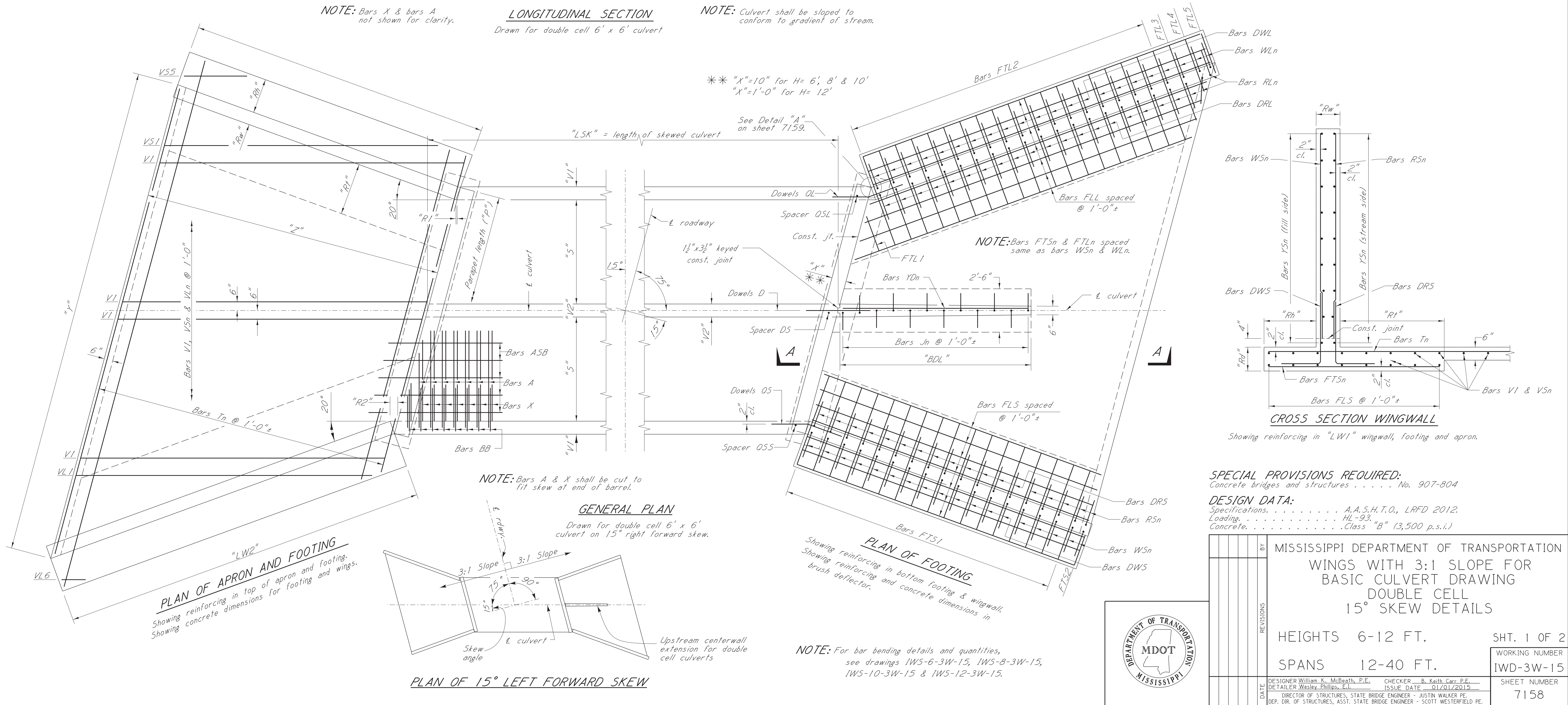


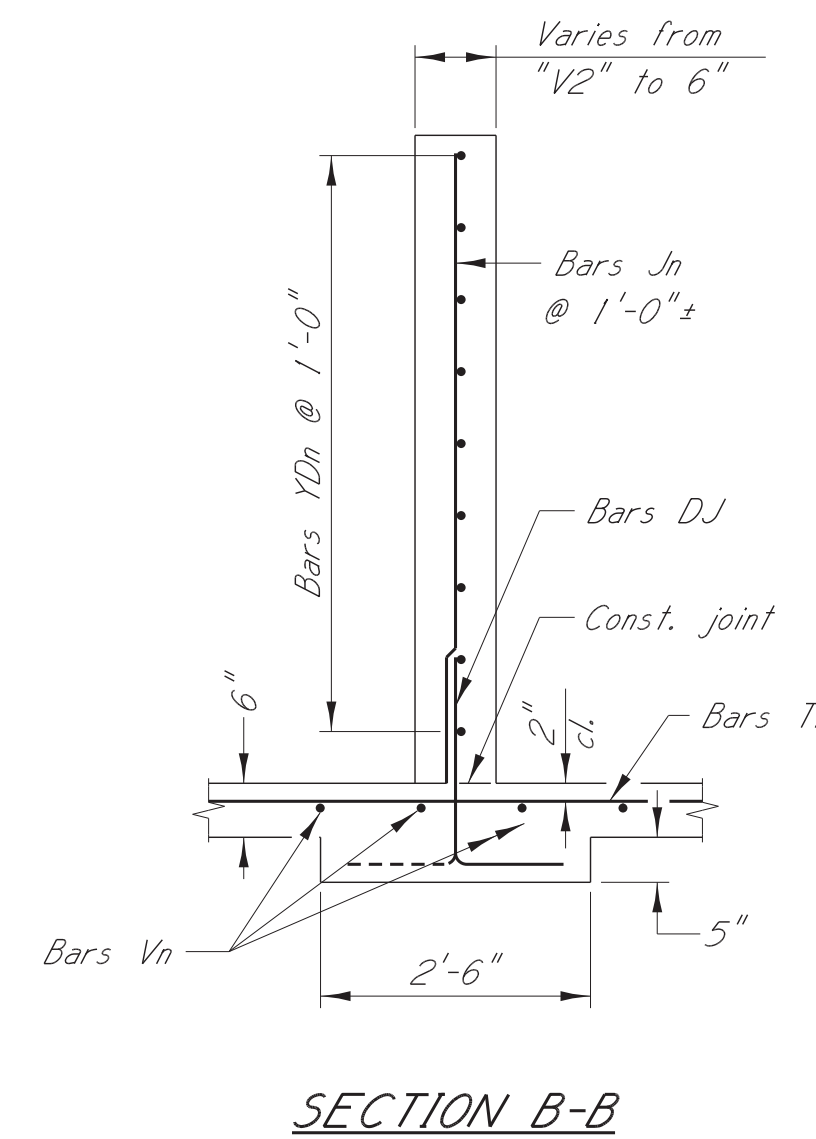
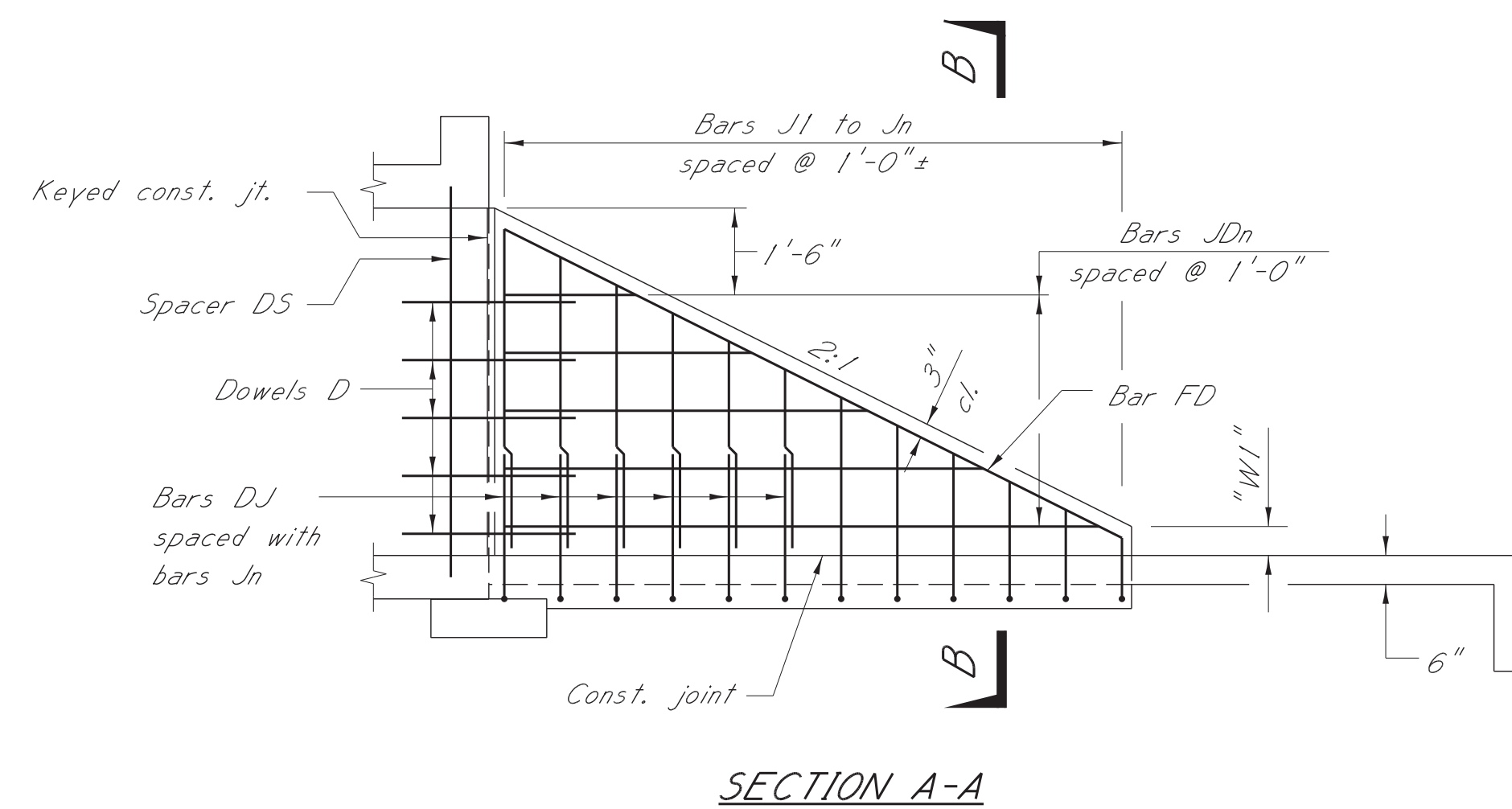
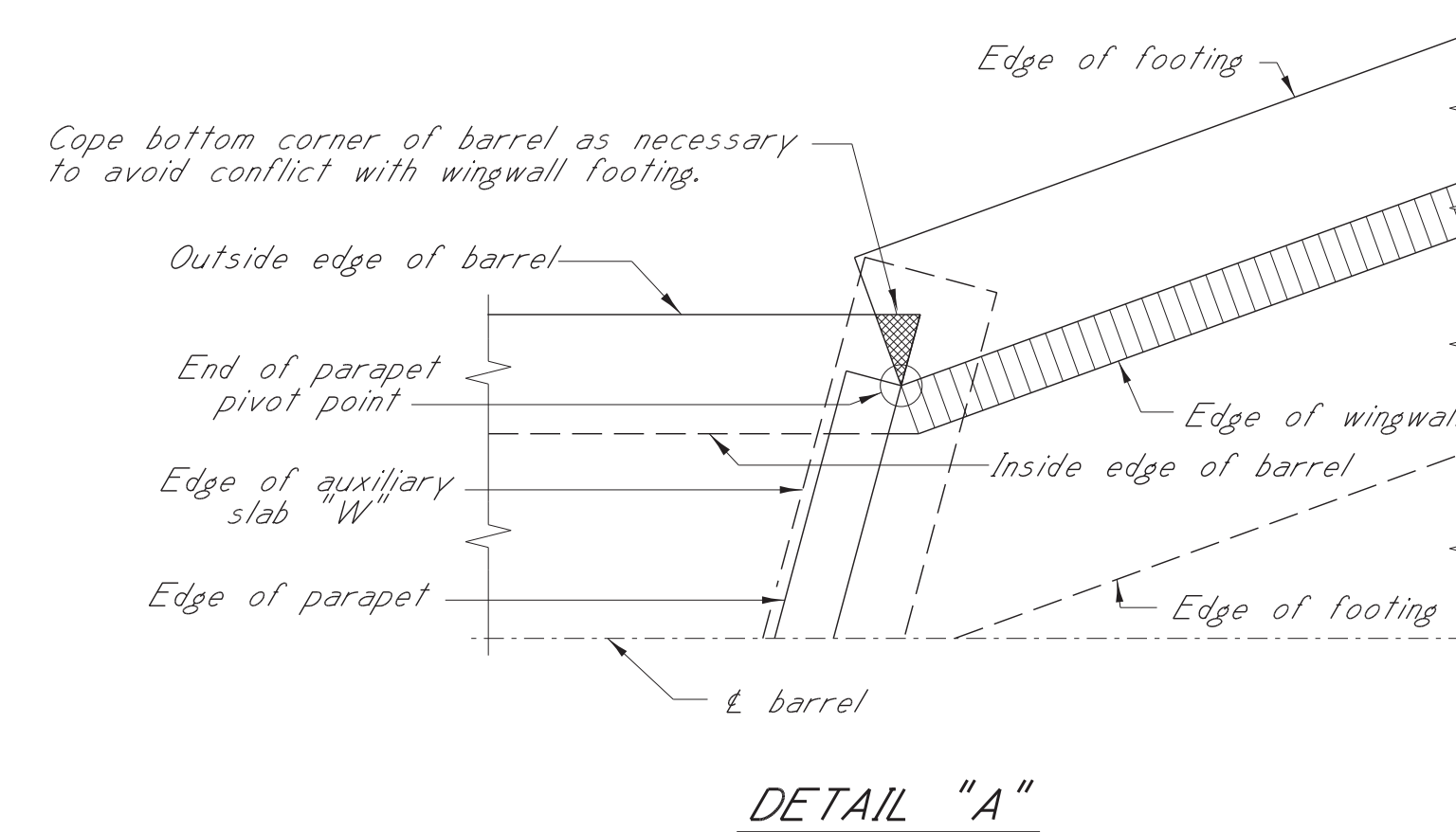
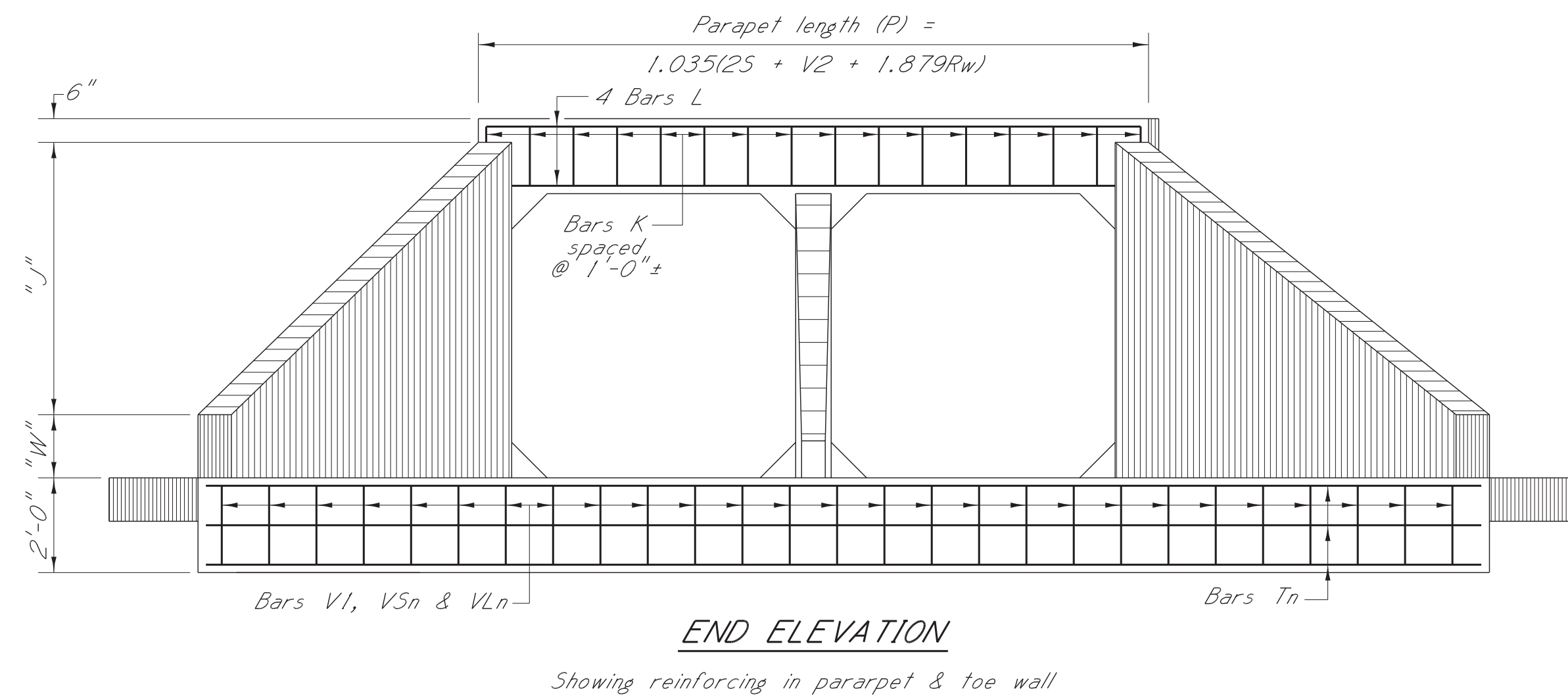
BARS K - #4

BAR BENDING DETAILS

Dimensions are out to out

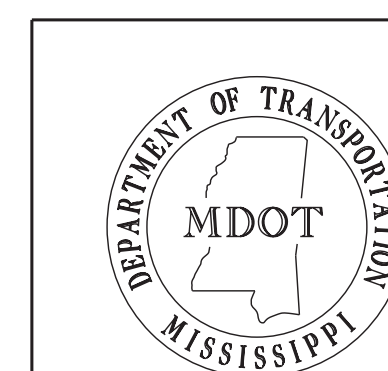
[illegible]





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.)



BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
REVISIONS	WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING DOUBLE CELL 15° SKEW DETAILS
HEIGHTS	6-12 FT.
SPANS	12-40 FT.
DATE	DESIGNER William K. McBeath, P.E. DETAILER Wesley Phillips, EIT
	CHECKER B. Keith Carr, P.E. 1550E DATE 01/01/2015
	DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - JUSTIN WALKER PE. DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - SCOTT WESTERFIELD PE.
	SHT. 2 OF 2
	WORKING NUMBER IWD-3W-15
	SHEET NUMBER 7159

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.
DEP. DIR. OF STRUCTURES, ASST. 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(2S+V2)+5'-8"		
T2	#4	1	1	1	1	1	1					1.035(2S+V2)+6'-5 ½"		
T3	#4	1	1	1	1	1	1					1.035(2S+V2)+7'-2 ½"		
T4	#4	1	1	1	1	1	1					1.035(2S+V2)+8'-0"		
T5	#4	1	1	1	1	1	1					1.035(2S+V2)+8'-9 ½"		
T6	#4	1	1	1	1	1	1					1.035(2S+V2)+9'-7"		
T7	#4	1	1	1	1	1	1					1.035(2S+V2)+10'-4 ½"		
T8	#4	1	1	1	1	1	1					1.035(2S+V2)+11'-2"		
T9	#4	1	1	1	1	1	1					1.035(2S+V2)+11'-11"		
T10	#4	1	1	1	1	1	1					1.035(2S+V2)+12'-8 ½"		
T11	#4	1	1	1	1	1	1					1.035(2S+V2)+13'-6"		
T12	#4	1	1	1	1	1	1					1.035(2S+V2)+14'-3 ½"		
T13	#4	1	1	1	1	1	1					1.035(2S+V2)+15'-1"		
T14	#4	1	1	1	1	1	1					1.035(2S+V2)+15'-10"		
T15	#4	1	1	1	1	1	1					1.035(2S+V2)+16'-7 ½"		
T16	#4	1	1	1	1	1	1					1.035(2S+V2)+17'-5"		
T17	#4	1	1	1	1	1	1					1.035(2S+V2)+18'-2 ½"		
T18	#4	3	3	3	3	3	3					1.035(2S+V2)+14'-6 ½"		
V1	#4	18	22	26	30	34	38		17'-6"	1'-8"		19'-2"		
VL1	#4	1	1	1	1	1	1		17'-0 ½"	1'-8"		18'-8 ½"		
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 ½"	1'-8"		11'-3 ½"		
VL5	#4	1	1	1	1	1	1		7'-1 ½"	1'-8"		8'-9 ½"		
VL6	#4	1	1	1	1	1	1		4'-6"			4'-6"		
VL7	#4	1	1	1	1	1	1		1'-4 ½"			1'-4 ½"		
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 ½"	1'-8"		11'-4 ½"		
VS4	#4	1	1	1	1	1	1		6'-8 ½"	1'-8"		8'-4 ½"		
VS5	#4	1	1	1	1	1	1		3'-7 ½"			3'-7 ½"		
FTL1	#5	1	1	1	1	1	1					2'-1 ½"		
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 ½"		
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 ½"		W+3'-9 ½"		
WS6	#5	1	1	1	1	1	1			W+3'-5 ½"		W+3'-5 ½"		
WS7	#5	1	1	1	1	1	1			W+3'-1 ½"		W+3'-1 ½"		
WS8	#5	1	1	1	1	1	1			W+2'-9 ½"		W+2'-9 ½"		
WS9	#5	1	1	1	1	1	1			W+2'-5 ½"		W+2'-5 ½"		
WS10	#5	1	1	1	1	1	1			W+2'-1 ½"		W+2'-1 ½"		
WS11	#5	1	1	1	1	1	1			W+1'-9 ½"		W+1'-9 ½"		
WS12	#5	1	1	1	1	1	1			W+1'-5 ½"		W+1'-5 ½"		
WS13	#5	1	1	1	1	1	1		1'-6"	W+2'-1 ½"		W+3'-7 ½"		
WS14	#5	1	1	1	1	1	1		1'-6"	W+1'-9 ½"		W+3'-3 ½"		
WS15	#5	1	1	1	1	1	1		1'-6"	W+1'-5 ½"		W+2'-11 ½"		
WS16	#5	1	1	1	1	1	1		1'-6"	W+1'-1 ½"		W+2'-7 ½"		
WS17	#5	1	1	1	1	1	1		1'-6"	W+0'-9 ½"		W+2'-3 ½"		
WS18	#5	1	1	1	1	1	1		1'-6"	W+0'-5 ½"		W+1'-11 ½"		
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 ½"		W+5'-1 ½"		
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 ½"		W+4'-3 ½"		
WL5	#5	1	1	1	1	1	1			W+4'-0 ½"		W+4'-0 ½"		

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

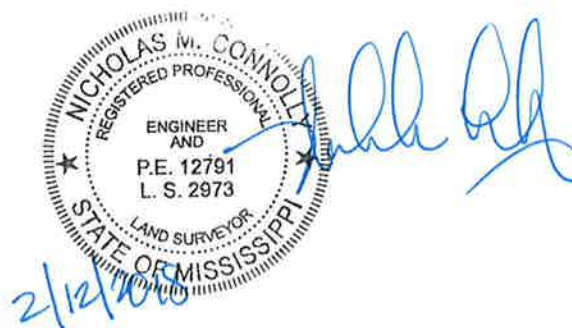
SOUTH 28TH AVENUE BRIDGE REPLACEMENT

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 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:

**BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: April 5, 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: April 5, 2018
SOUTH 28TH AVENUE
BRIDGE REPLACEMENT
BRIDGE #SA18-157
HATTIESBUR, 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



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 April 5, 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:

_____	_____
	PRINCIPAL
_____	_____
Name	Authorized Representative Executing for PRINCIPAL
_____	_____
(PRINCIPAL) Secretary; Witness as to PRINCIPAL	Title

Address	

City/State/Zip	

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>
---------------	------------------
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 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:

BID OPENING TIME: 10:00 a.m.
DATE of BID OPENING: April 5, 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:

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SOUTH 28TH AVENUE
BRIDGE REPLACEMENT
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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



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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





City of Hattiesburg, MS

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

Master

File Number: 2018-232

File ID: 2018-232

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Lamar Rutland

File Created: 02/12/2018

Brief Title: Approve plans, specifications and advertisement for bids for N. 40th, N. 39th, and Mable St. Project.

Final Action:

Minute Book Number: MB2018-44

Title:

Approve plans and specifications for the Infrastructure Improvements along North 40th Ave, North 39th Ave, and Mable Street Project; Authorize advertisement for bids for same.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: VI.-8

Sponsors:

Enactment Date:

Attachments: 11254_Advertisement for Bids, 11254_Plans_Street Ready Set_Signed_2018-02-05, 11254_Specs_Review Set_98p_2018_02_09, executed 11254_Advertisement for Bids for Infrastructure Improvements along N. 40th, N. 39th and Mable St. Project

Enactment Number:

Contact:

Meeting Date: 02/20/2018

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	02/20/2018					

Text of Legislative File 2018-232

Title

Approve plans and specifications for the Infrastructure Improvements along North 40th Ave, North 39th Ave, and Mable Street Project; Authorize advertisement for bids for same.

Summary

Approve plans and specifications for the Infrastructure Improvements along North 40th Ave, North 39th Ave, and Mable Street Project; Authorize advertisement for bids for same.

Budget Information

075695.7245.xx

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**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

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PUBLIC UTILITIES

CABLE
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2100 LINCOLN RD
HATTIESBURG, MS 39402
(601) 264-1188

POWER
MISSISSIPPI POWER, CO.
6356 U.S. HIGHWAY 49
HATTIESBURG, MS 39401
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TELECOMM
AT&T
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HATTIESBURG, MS 39401
(601) 545-6424

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(888) 346-5463

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WILMUT GAS
P.O. BOX 1649
HATTIESBURG, MS 39403
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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

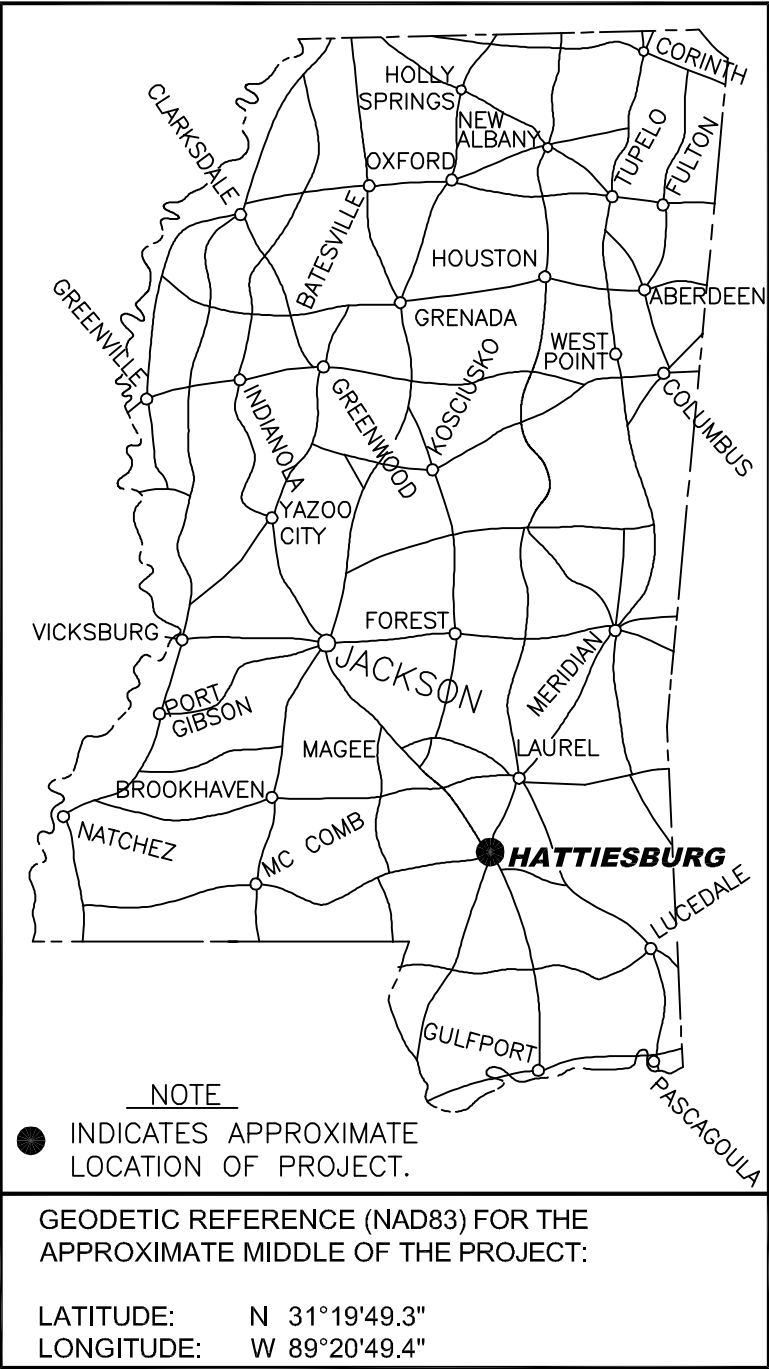
INFRASTRUCTURE
IMPROVEMENTS

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
28	ECD-20	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK
6145	DT-1	DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK
6250	TCP-1	DETAILS OF TYPICAL DITCH TREATMENTS
6259	TCP-10	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC) 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

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Lamar Rutland, PE

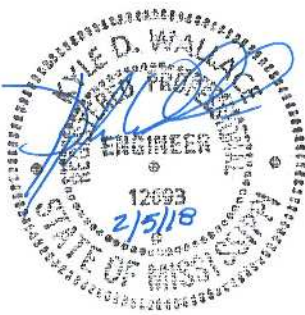
PREPARED BY:



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 MORNINGSIDE DR
17100310030542	N 40TH AVE FROM MONTAGUE BLVD TO MORNINGSIDE 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

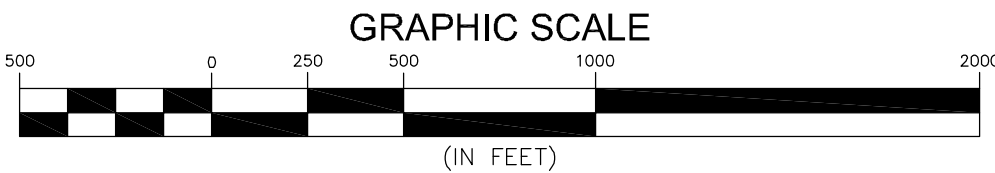
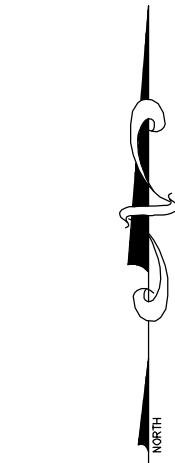
RANGE 13 WEST

LAMAR COUNTY
FORREST COUNTY

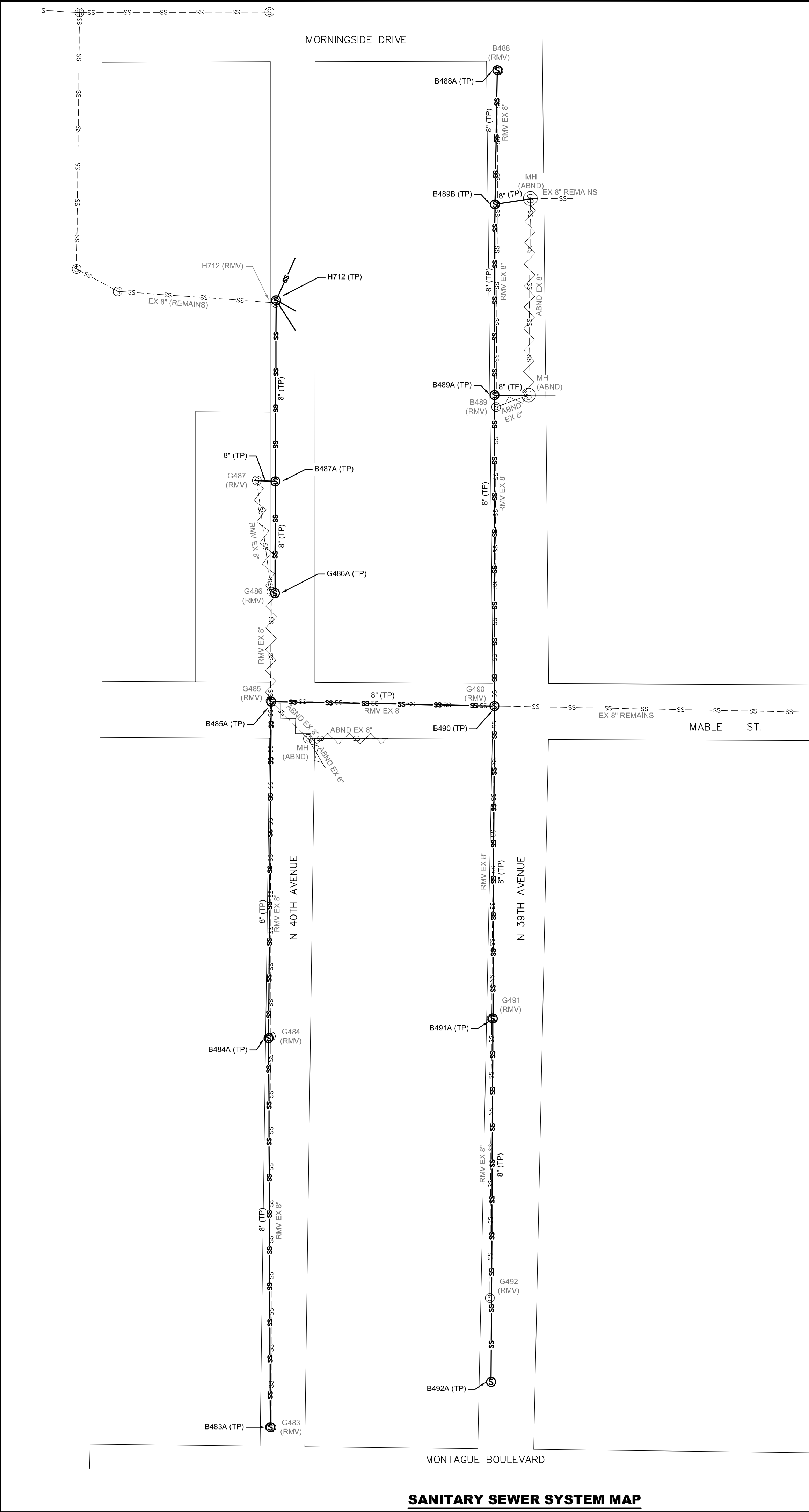
CITY LIMITS

TOWNSHIP 4 NORTH

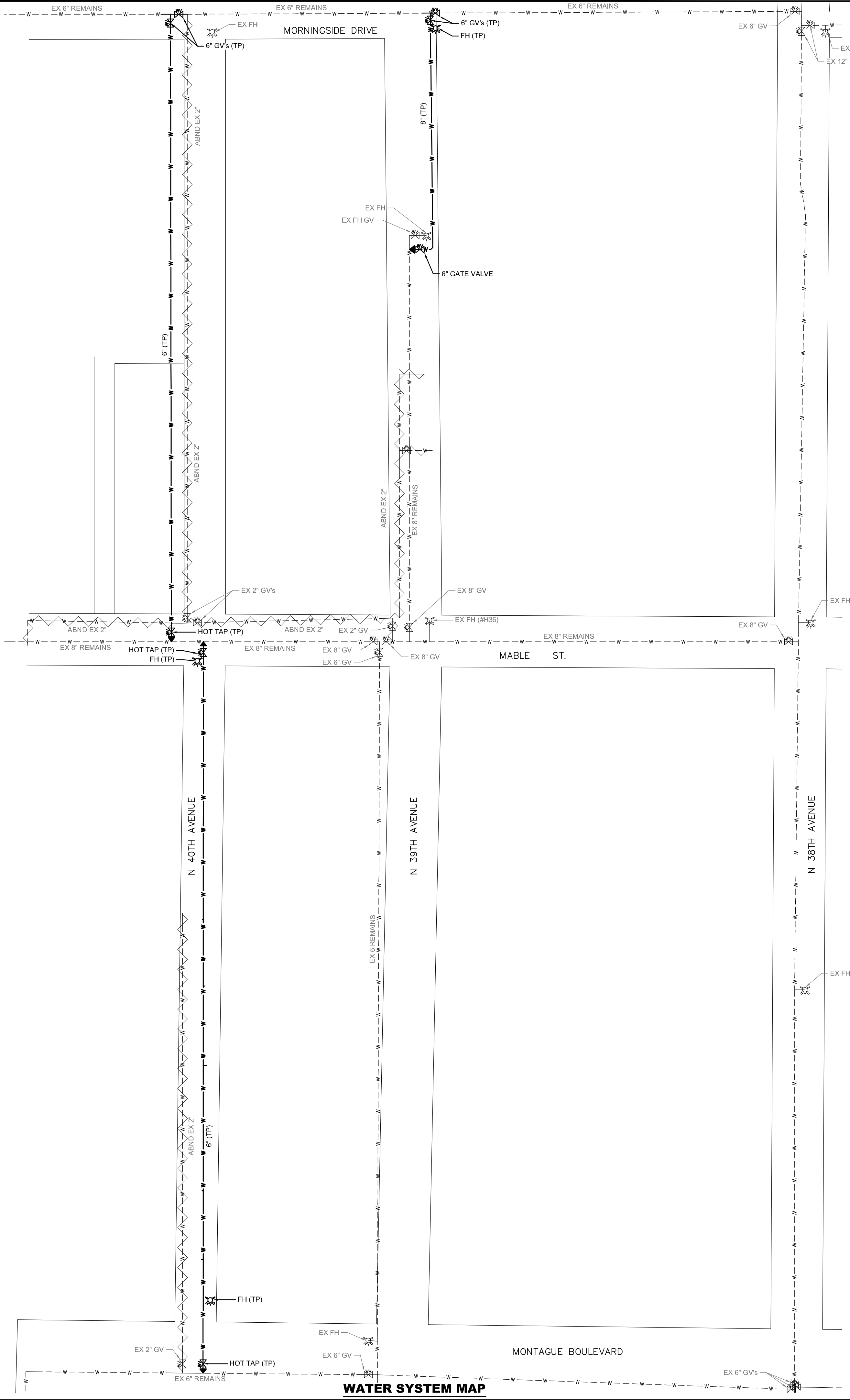
PROJECT
SITE



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			
Drawn by: RES\BT		Checked by: KDW	Scale: AS NOTED
Date: 01-22-2018		Working No. VM	
Drawing No.: 11254		Sheet No. 2	



SANITARY SEWER SYSTEM MAP



WATER SYSTEM MAP

PLAN ABBREVIATION LEGEND:

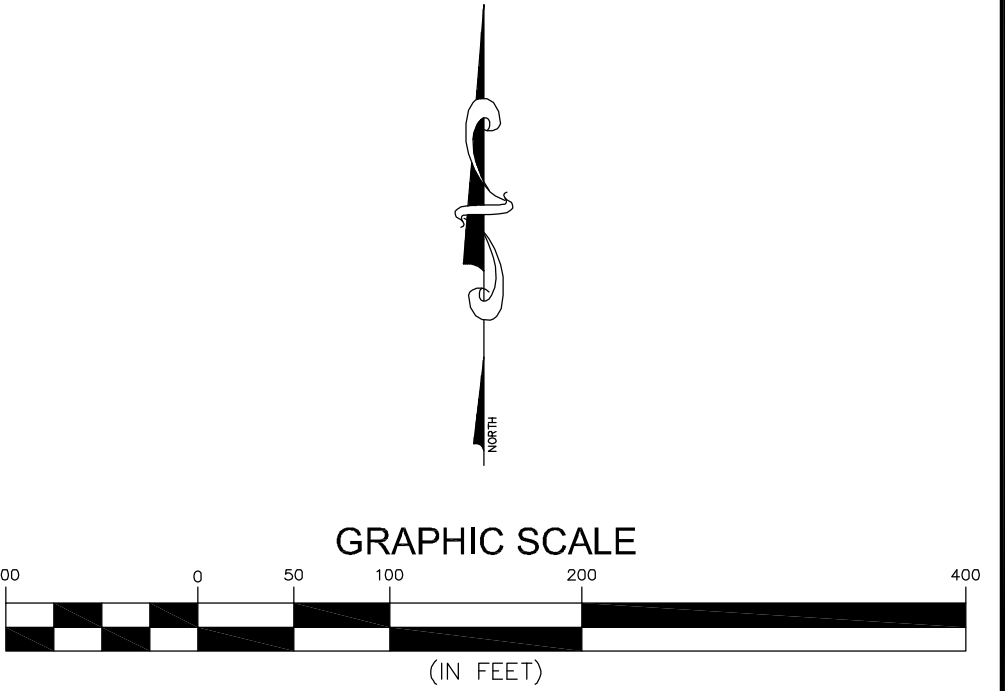
- ABND - ABANDONED
- APPURT - APPURTENANCES
- ASPH - ASPHALT
- CONST - CENTERLINE CONSTRUCTION
- CONC - CONCRETE
- CONN - CONNECTION
- CONT'D - CONTINUED
- CMP - CORRUGATED METAL PIPE
- CPP - CORRUGATED PLASTIC PIPE
- DR - DIAMETER RATIO
- DRV - DRIVE
- DI - DUCTILE IRON PIPE
- DS FL - DOWNSTREAM FLOW 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
- W - WEST

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 LINES
- 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			
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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 SPECIFICATIONS.
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 AND/OR VIDEOS.
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:

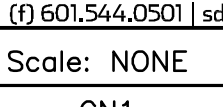
1. NO PIPE SHALL BE LAID IN THE PRESENCE OF WATER. NO MANHOLE OR WET WELL SHALL BE SET IN THE PRESENCE OF WATER.
2. WELL POINTS, IF REQUIRED, SHALL BE INCLUDED IN THE COST OF THE PIPING LAYING OPERATION.
3. WHERE THE WATER MAIN IS WITHIN 10 FEET OF A SEWER MAIN HORIZONTALLY, THE BOTTOM OF THE WATER MAIN 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 1/4" 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.

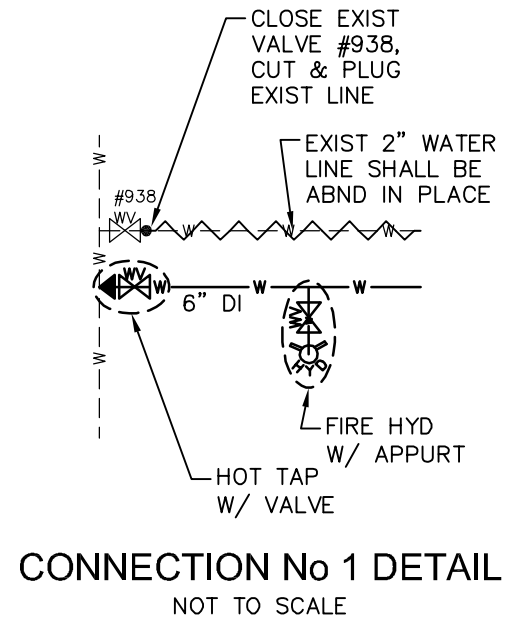
SPECIAL SEWER ABANDONMENT / REMOVAL NOTES:

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

3. 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			
 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. 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

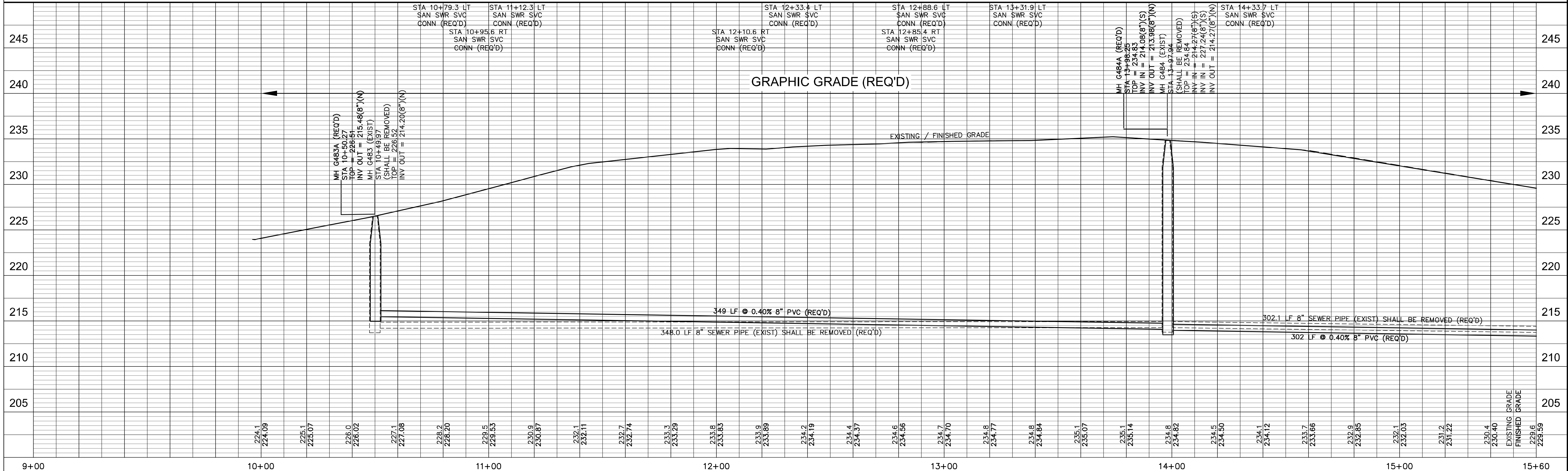
CONTROL MONUMENT - 2
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N 665,869.50
E 823,776.67
21.3 FT RT STA. 14+61.67

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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DATE	REVISION	BY					

sdw

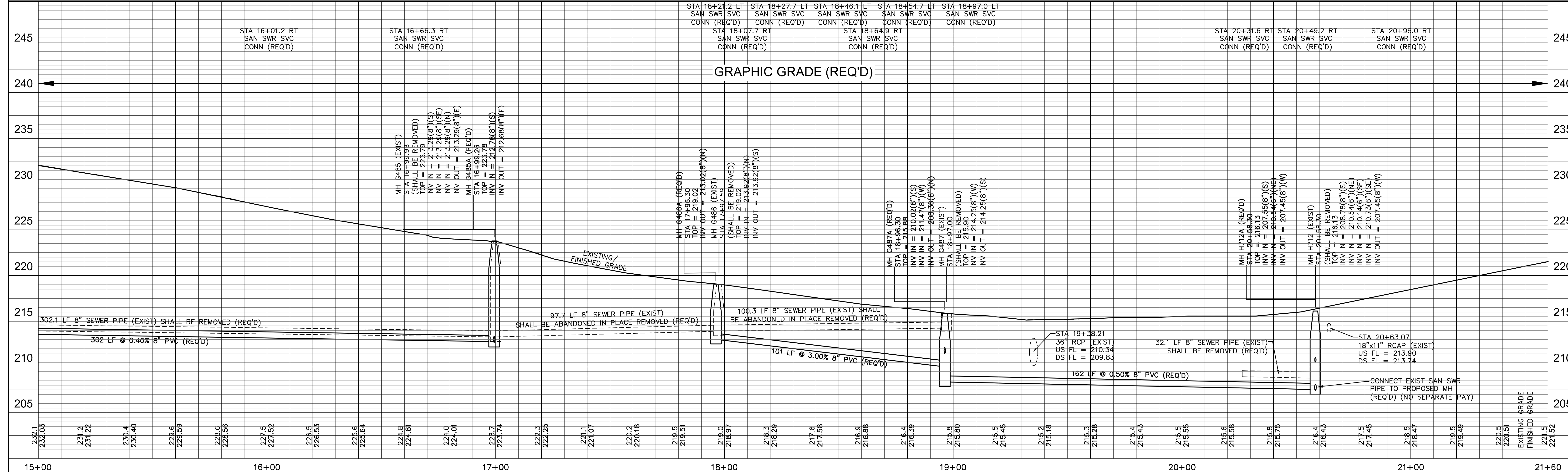
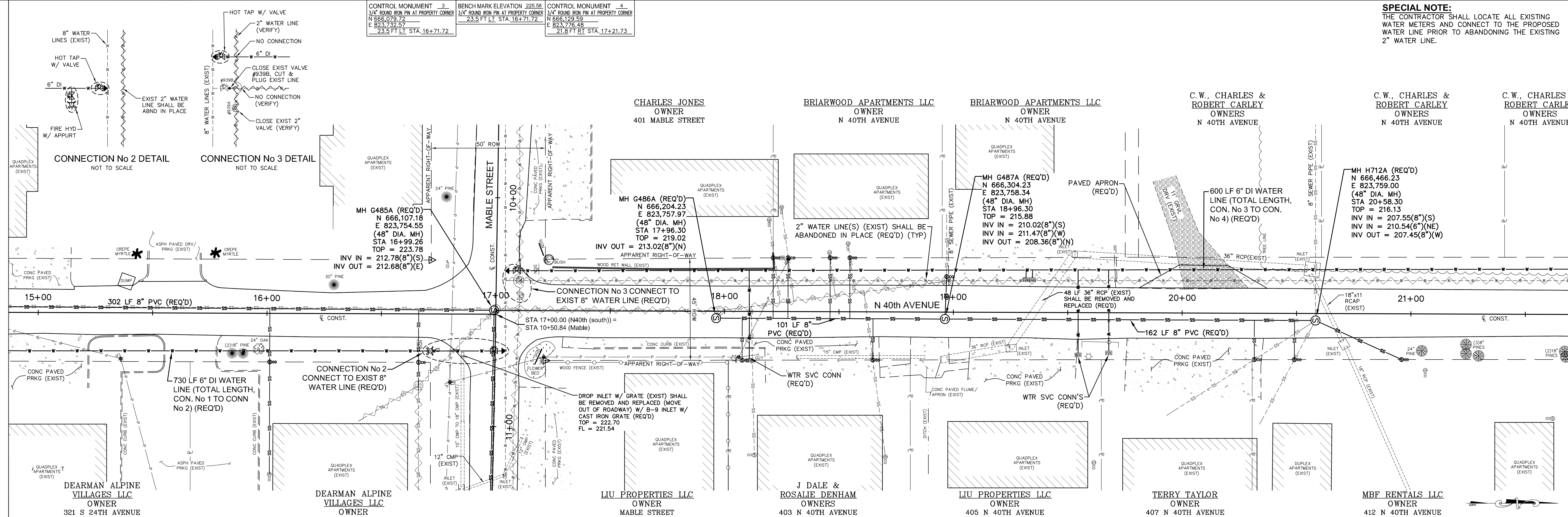
Engineering Progress

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

DRAWING No.
11254

WORKING No. **PnP 1**

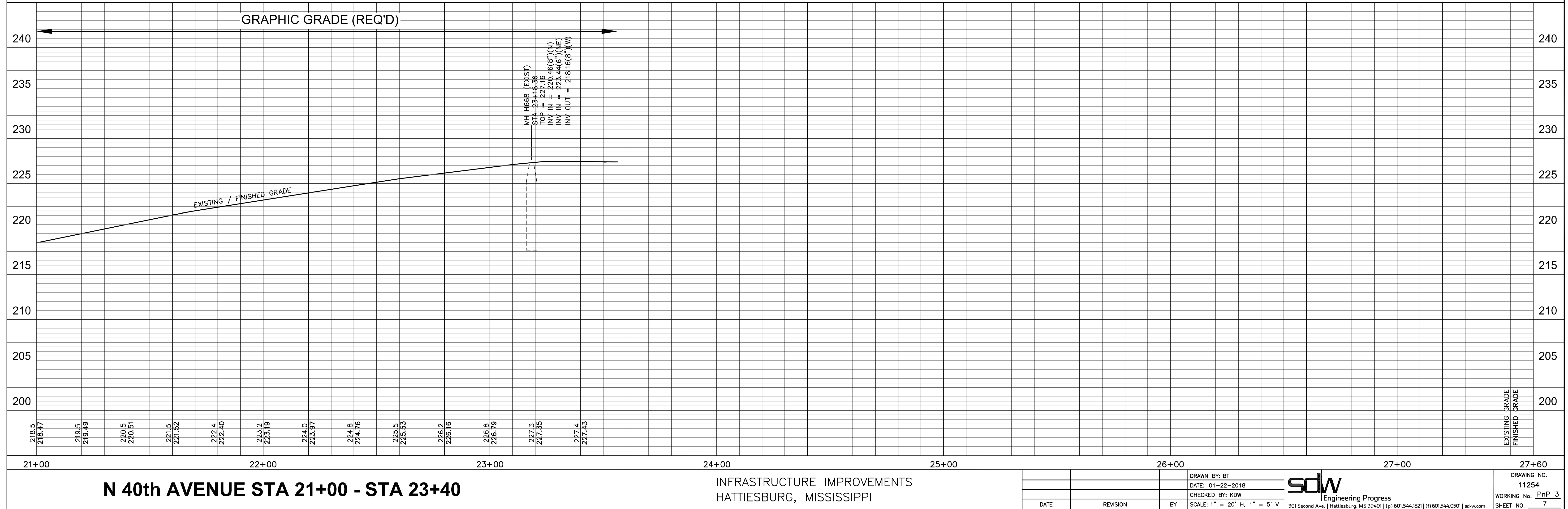
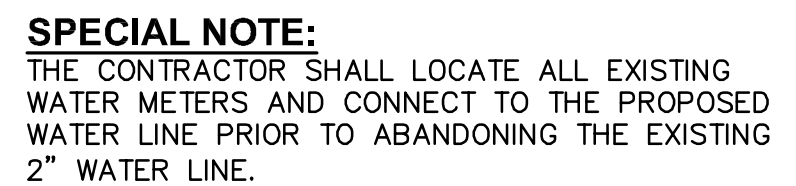
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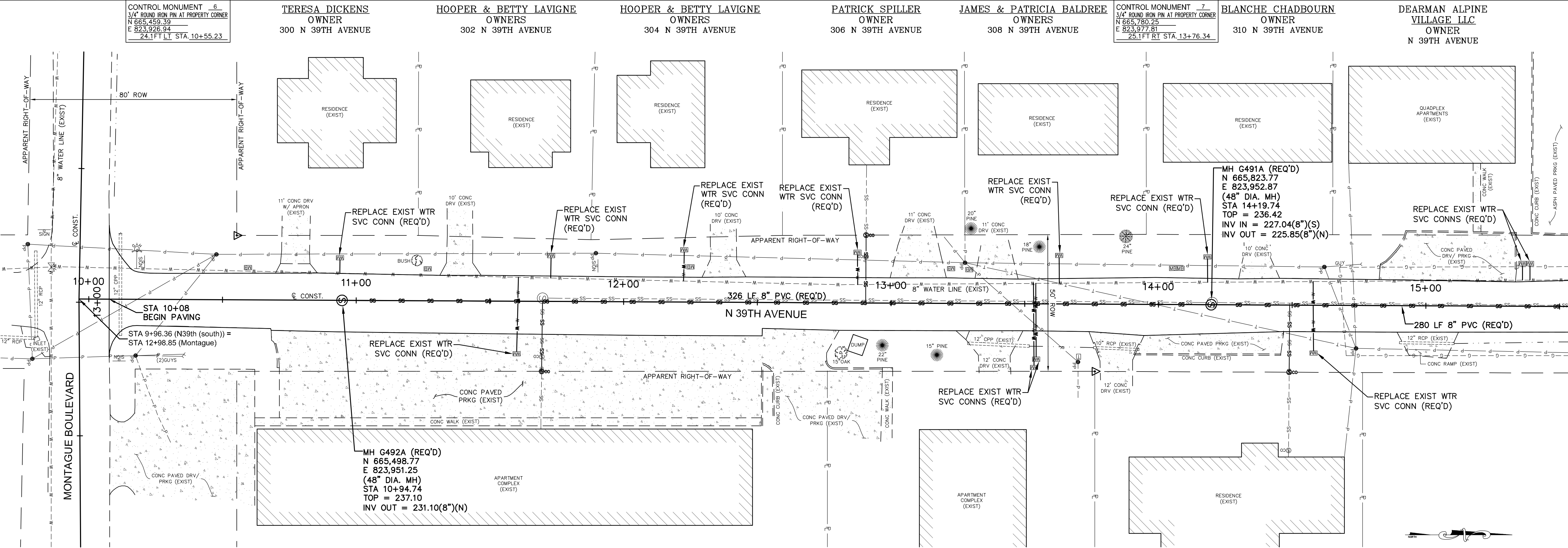


N 40th AVENUE STA 15+00 - STA 21+60

INFRASTRUCTURE IMPROVEMENTS
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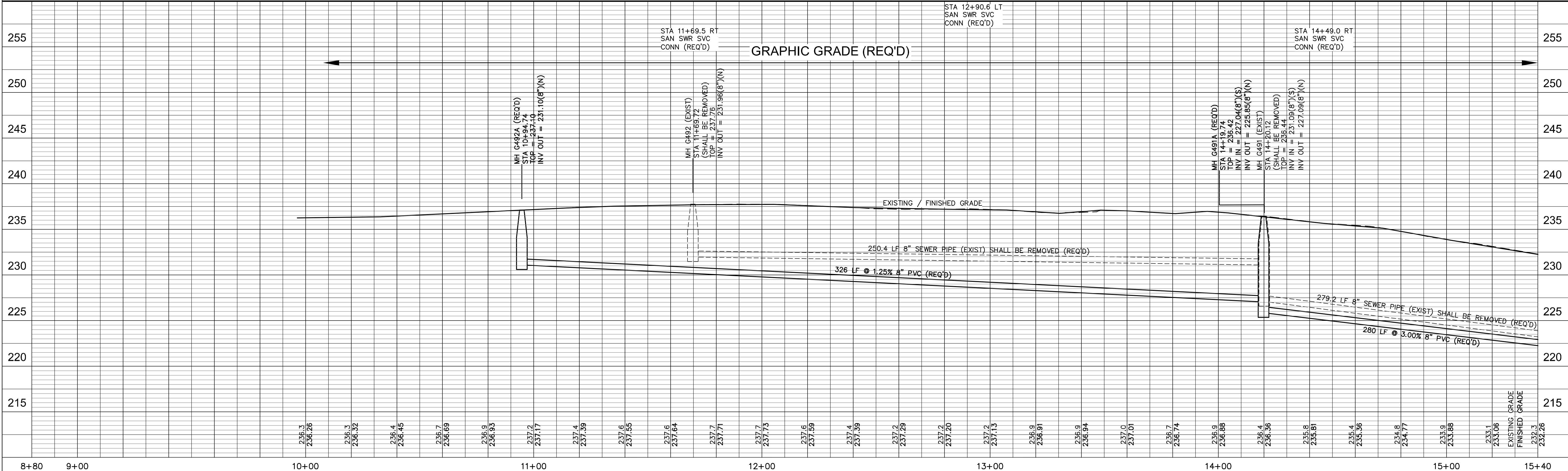
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DATE	REVISION	BY	SCALE: 1" = 20' H, 1" = 5' V	301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sdw.com	SHEET NO. <u>6</u>





SPECIAL NOTE:
THE CONTRACTOR SHALL LOCATE ALL EXISTING WATER METERS AND REPLACE ALL EXISTING SERVICES FROM THE METER TO THE EXISTING MAIN.

SPECIAL NOTE:
THE CONTRACTOR SHALL LOCATE ALL EXISTING SEWER SERVICES AND CONNECT TO THE PROPOSED SEWER MAIN.



N 39th AVENUE STA 10+00 - STA 15+40

INFRASTRUCTURE IMPROVEMENTS
HATTIESBURG, MISSISSIPPI

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			CHECKED BY: KOW		

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

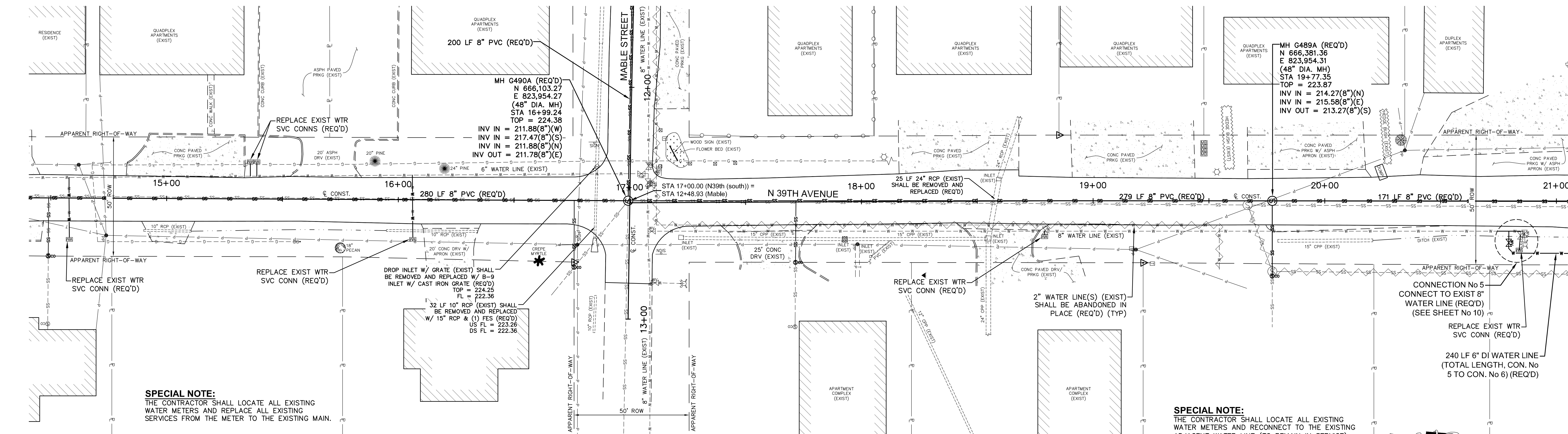
LIU PROPERTIES INC
OWNER
402 N 39TH AVENUE

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

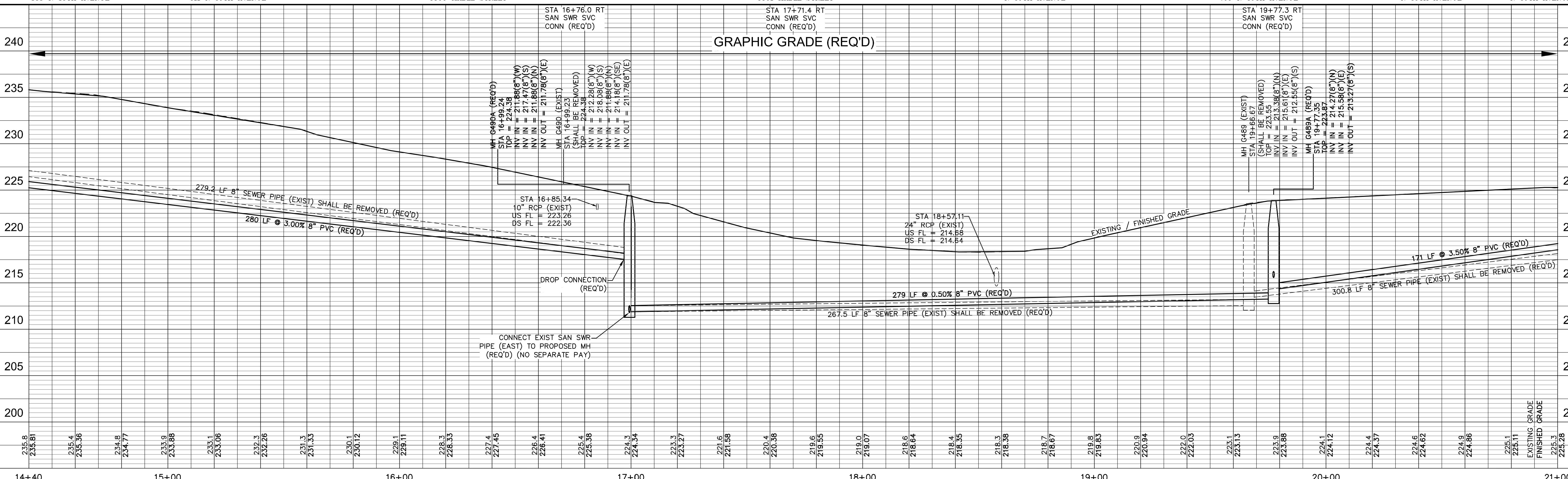
GOLDEN EAGLES LLC
OWNER
3801 MABLE STREET

K & N HATTIESBURG LLC
OWNER
N 39TH AVENUE

MAGNOLIA BLOOM LLC
OWNER
409 N 39TH AVENUE

MAGNOLIA BLOOM LLC
OWNER
N 39TH AVENUE

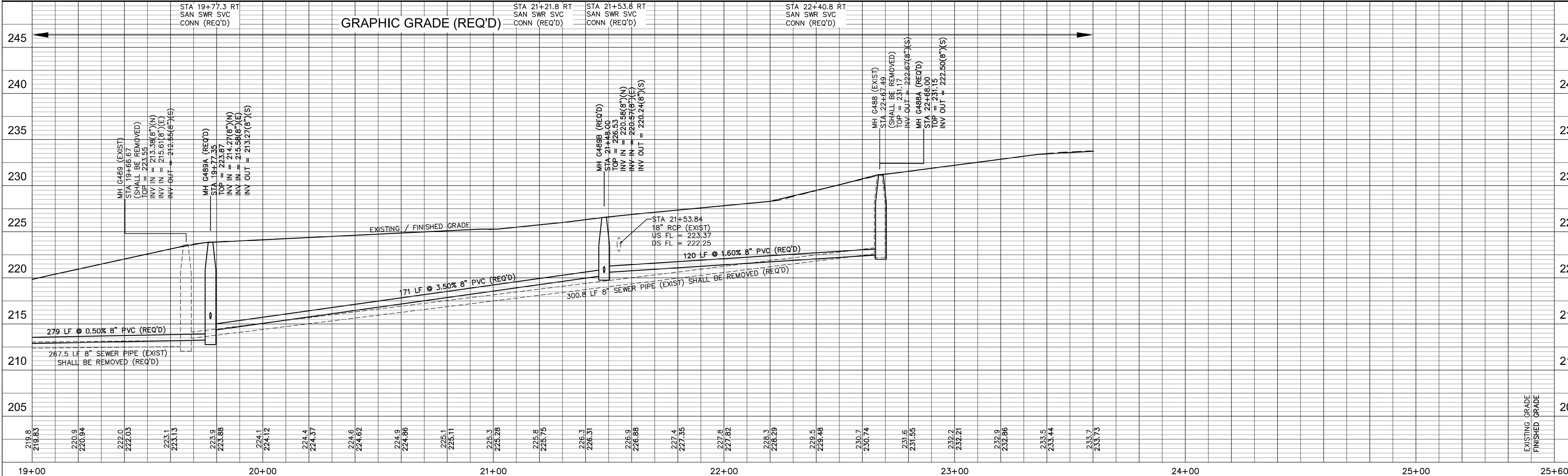
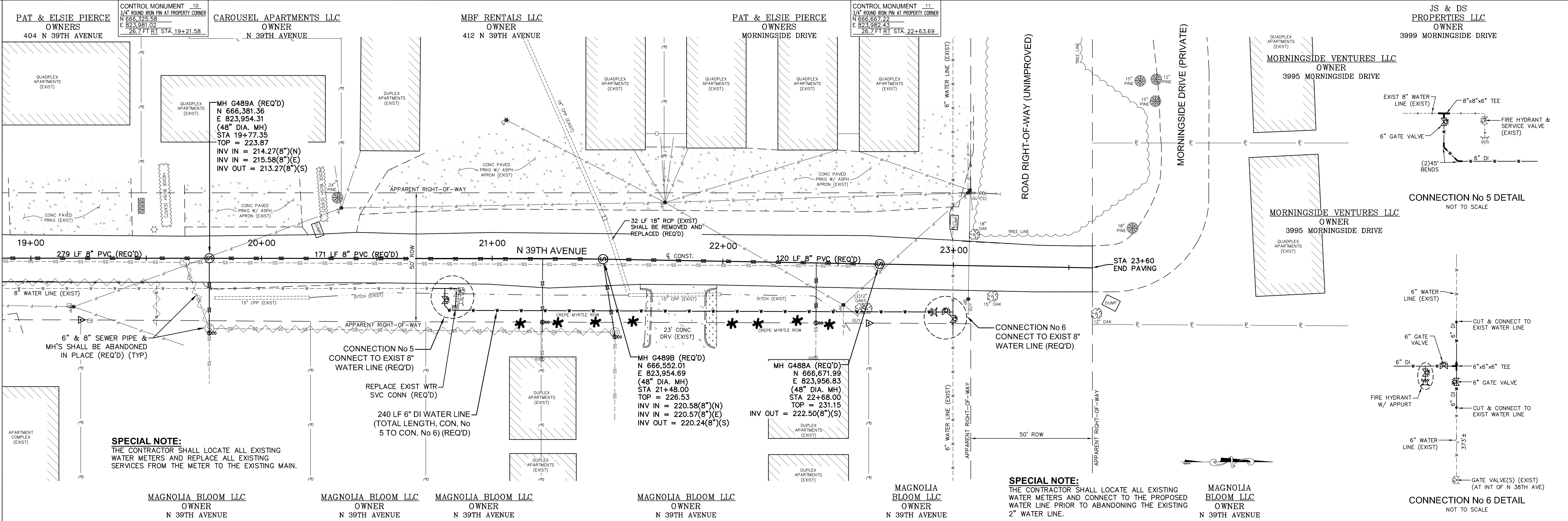
MAGNOLIA BLOOM LLC
OWNER
N 39TH AVENUE



N 39th AVENUE STA 14+40 - STA 21+00

INFRASTRUCTURE IMPROVEMENTS
HATTIESBURG, MISSISSIPPI

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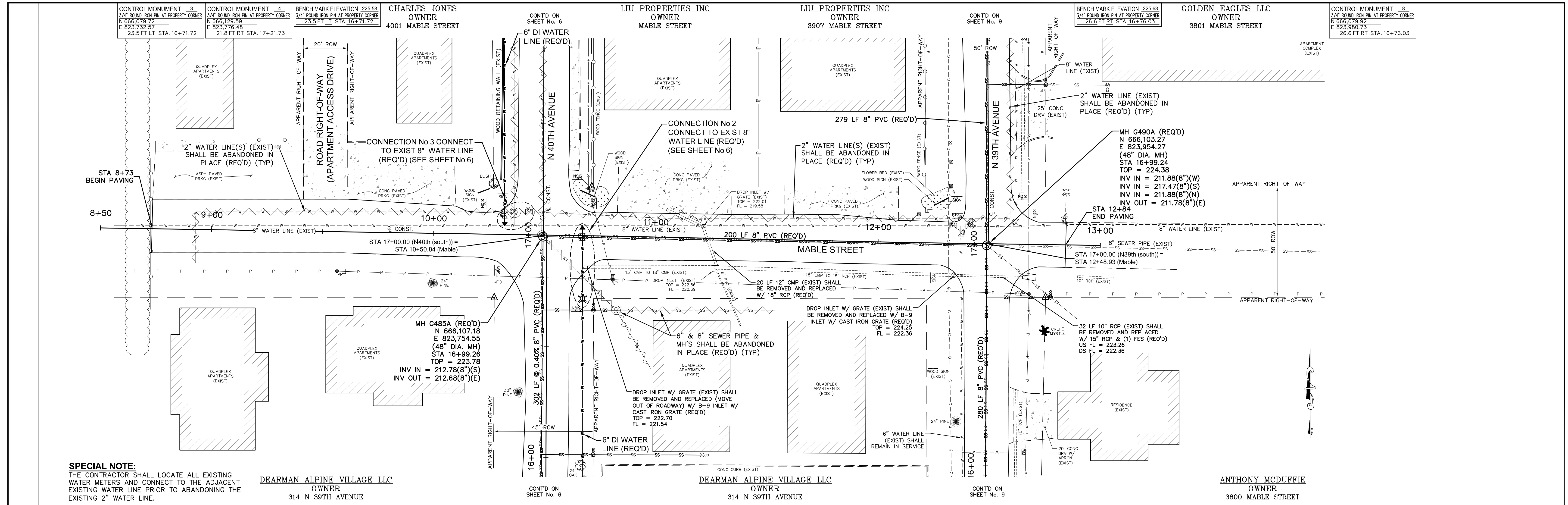


N 39th AVENUE STA 19+00 - STA 25+60

INFRASTRUCTURE IMPROVEMENTS
HATTIESBURG, MISSISSIPPI

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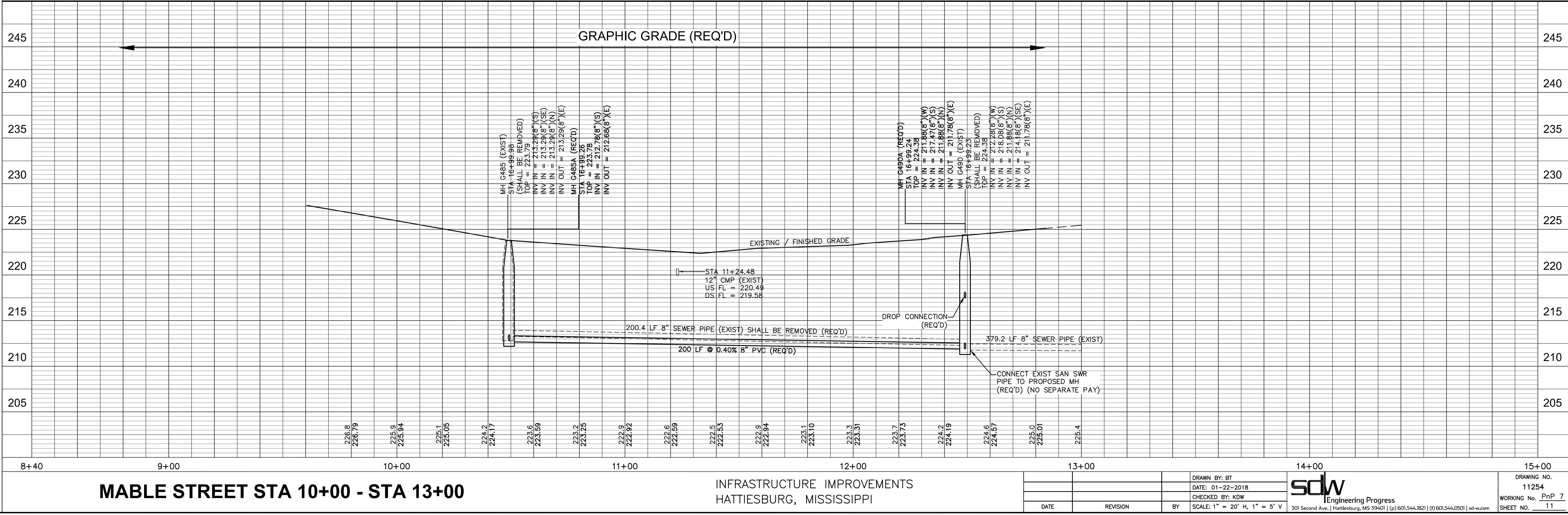


SPECIAL NOTE:
THE CONTRACTOR SHALL LOCATE ALL EXISTING WATER METERS AND CONNECT TO THE ADJACENT EXISTING WATER LINE PRIOR TO ABANDONING THE EXISTING 2" WATER LINE.

DEARMAN ALPINE VILLAGE LLC
OWNER
314 N 39TH AVENUE

DEARMAN ALPINE VILLAGE LLC
OWNER
314 N 39TH AVENUE

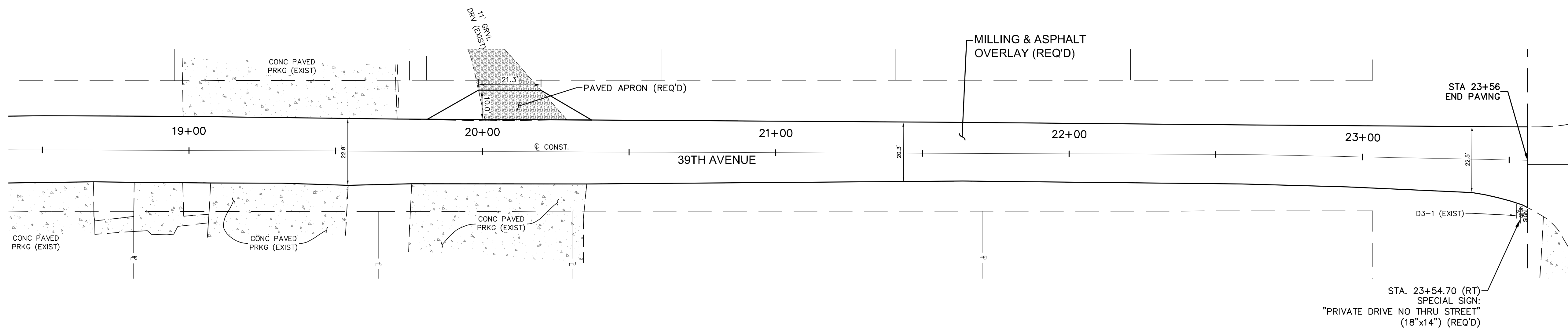
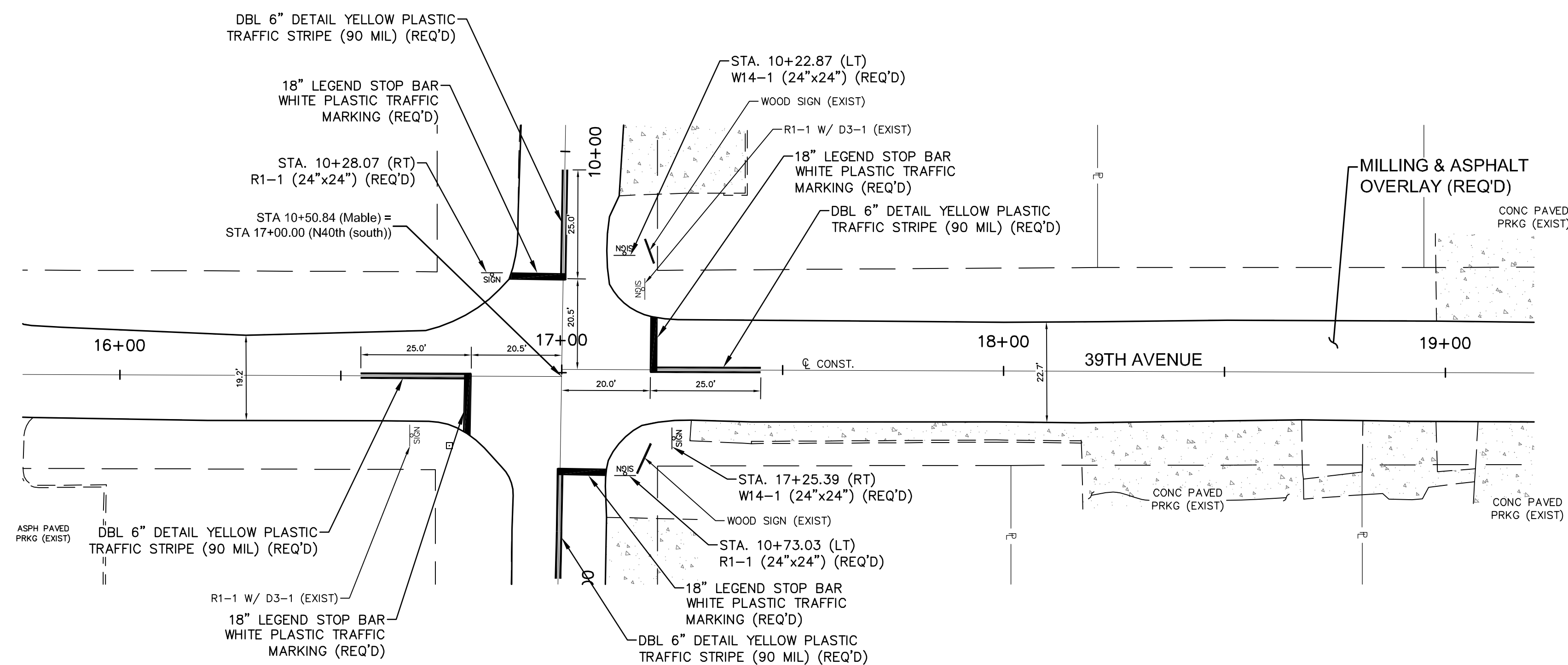
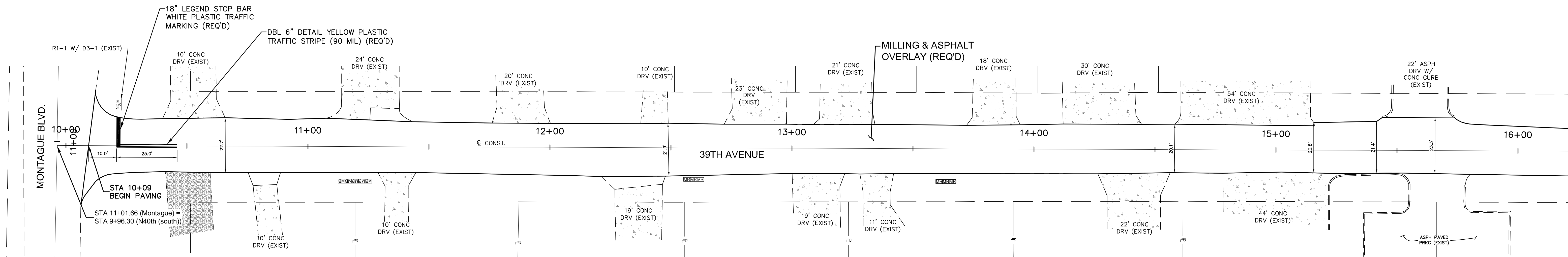
ANTHONY MCDUFFIE
OWNER
3800 MABLE STREET



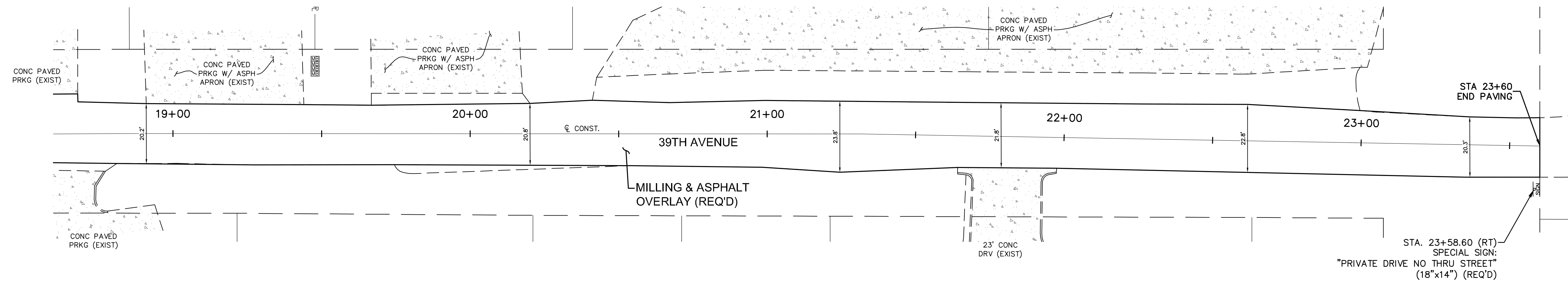
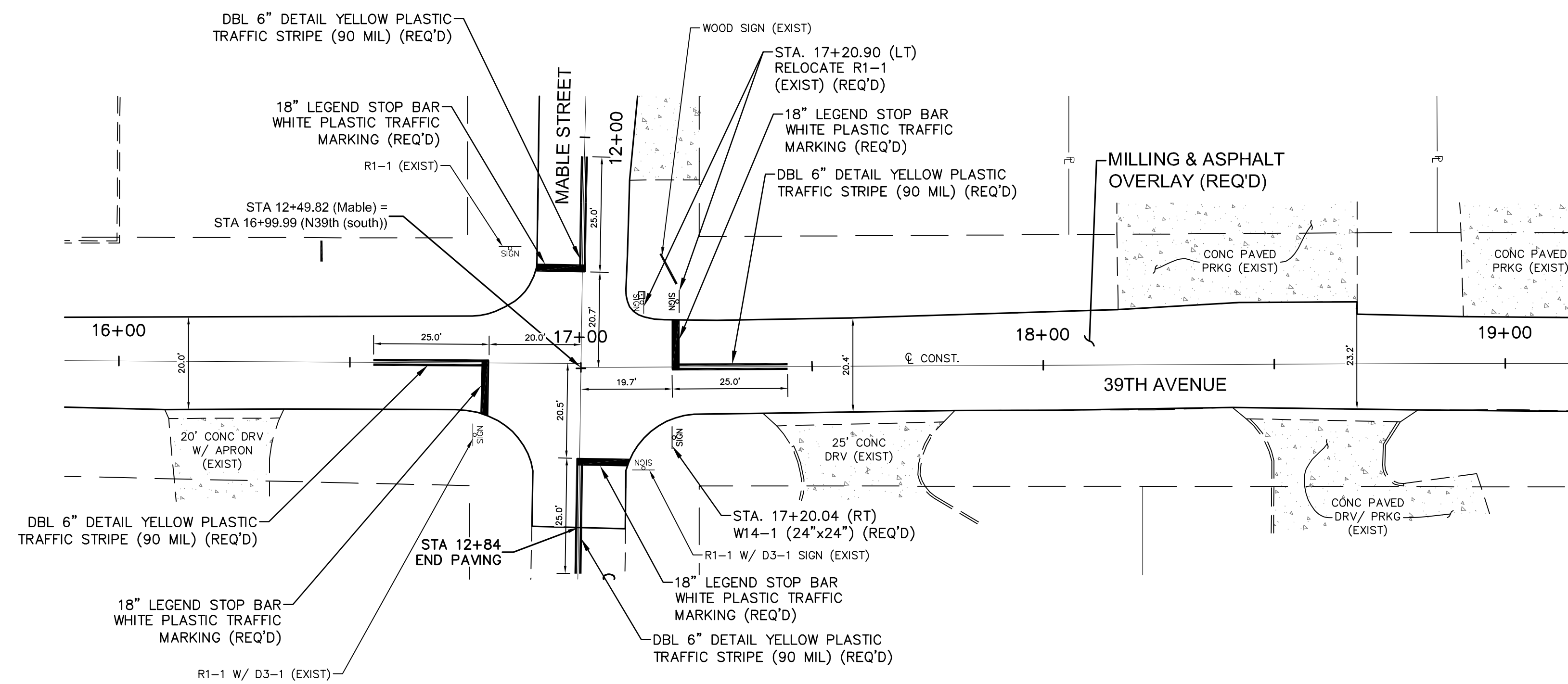
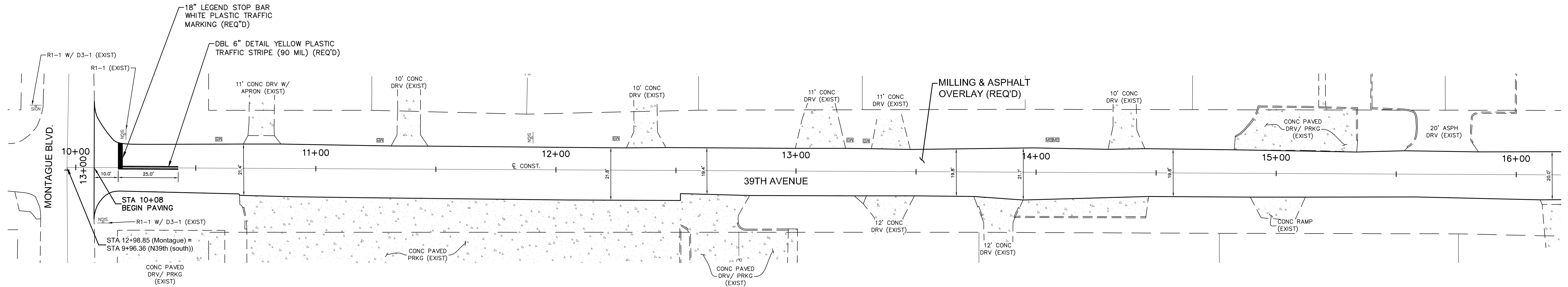
MABLE STREET STA 10+00 - STA 13+00

INFRASTRUCTURE IMPROVEMENTS
HATTIESBURG, MISSISSIPPI

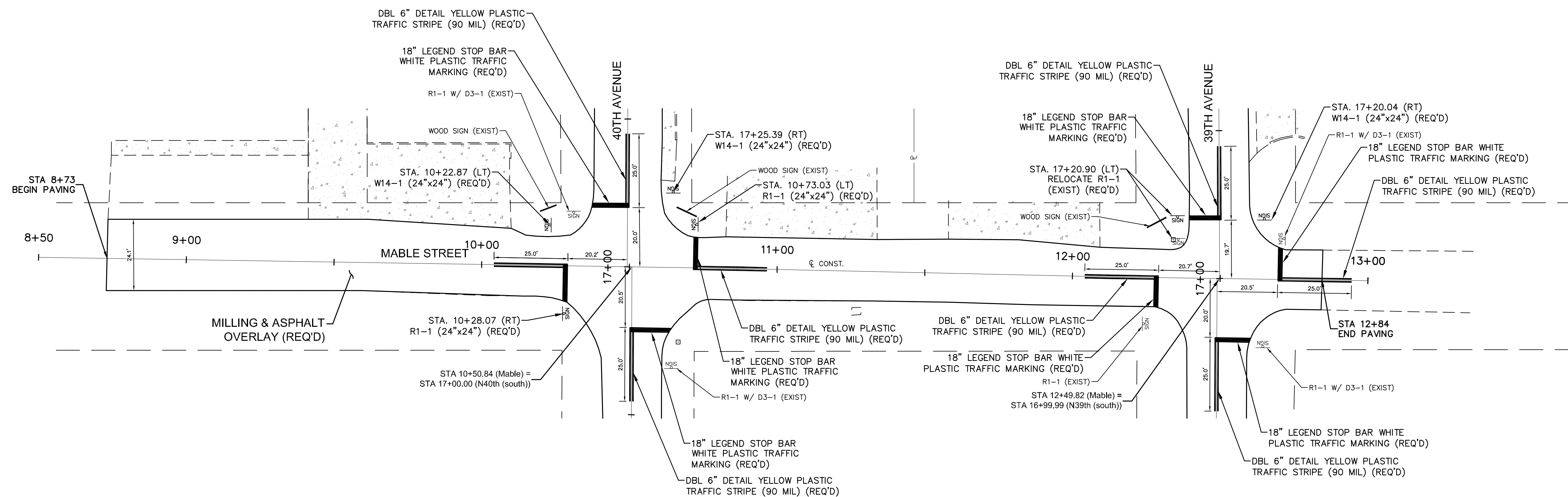
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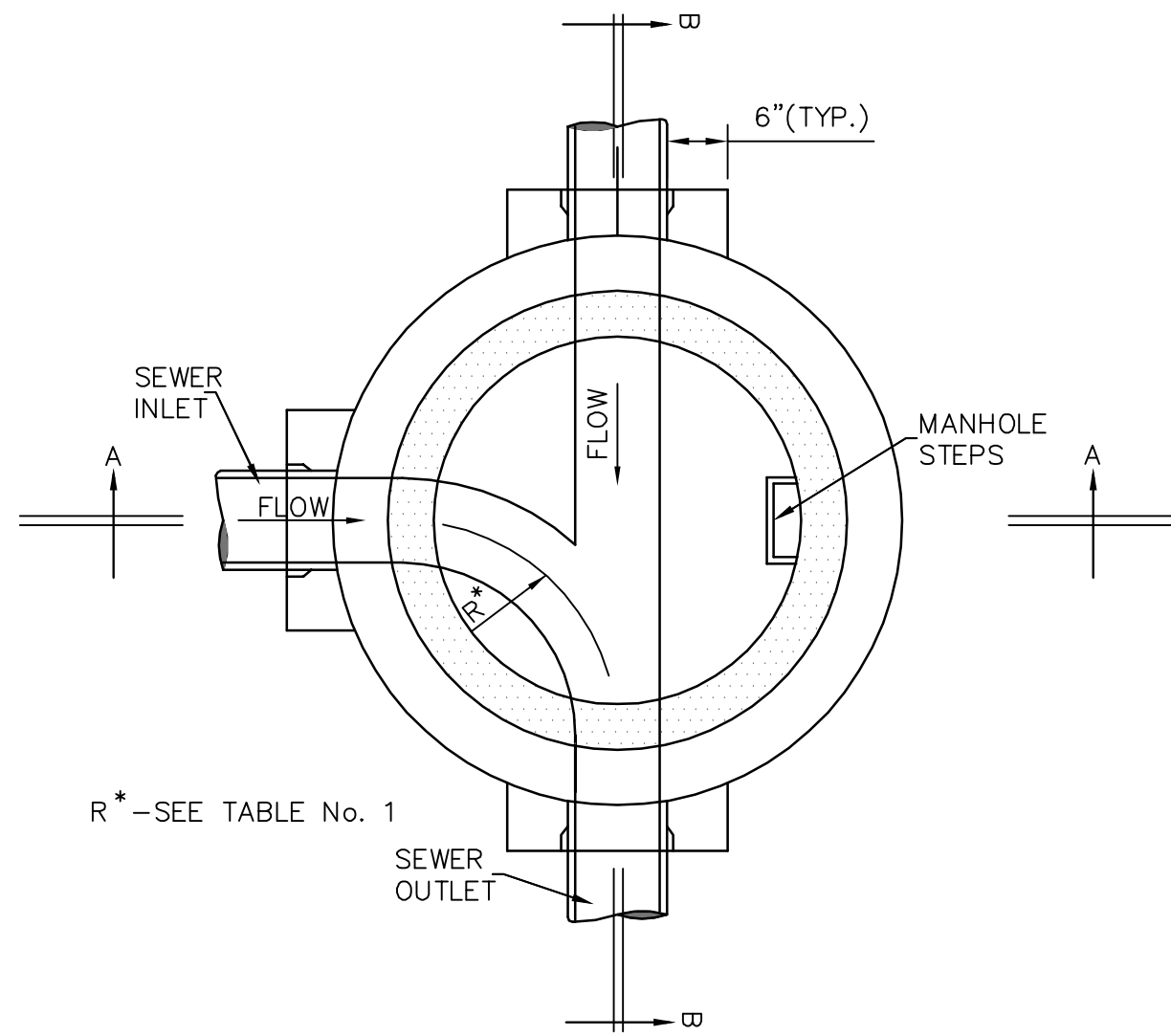
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PAVING AND MARKING PLAN			
INFRASTRUCTURE IMPROVEMENTS			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
sdw Engineering Progress			
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Date: 01-22-2018	Working No. PMP1		
Drawing No.: 11254	Sheet No. 12		



NO.	DATE	DESCRIPTION	BY
PAVING AND MARKING PLAN			
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			
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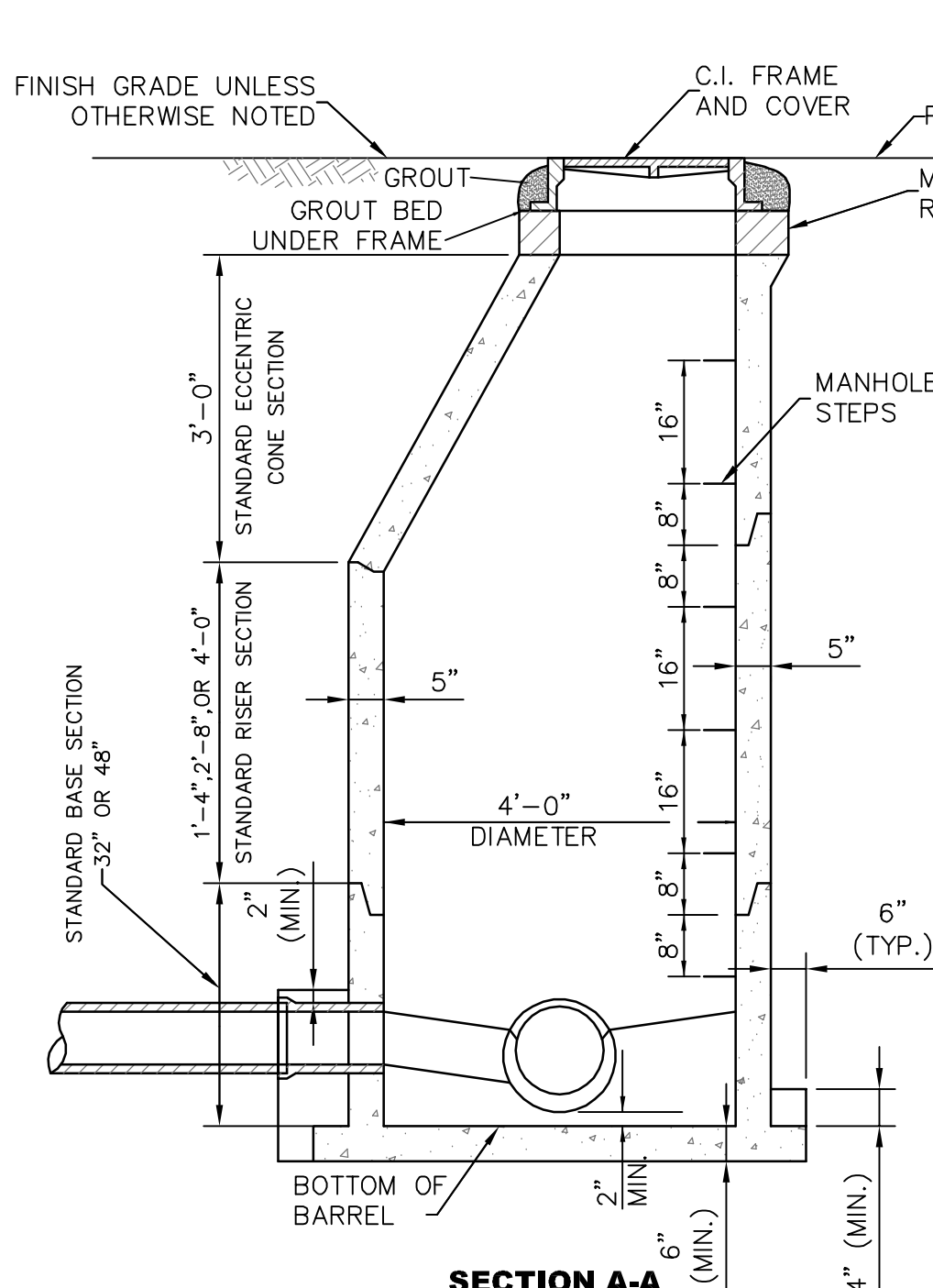


NO.	DATE	DESCRIPTION	BY
PAVING AND MARKING PLAN			
INFRASTRUCTURE IMPROVEMENTS			
CITY OF HATTIESBURG			
FORREST COUNTY, MISSISSIPPI			
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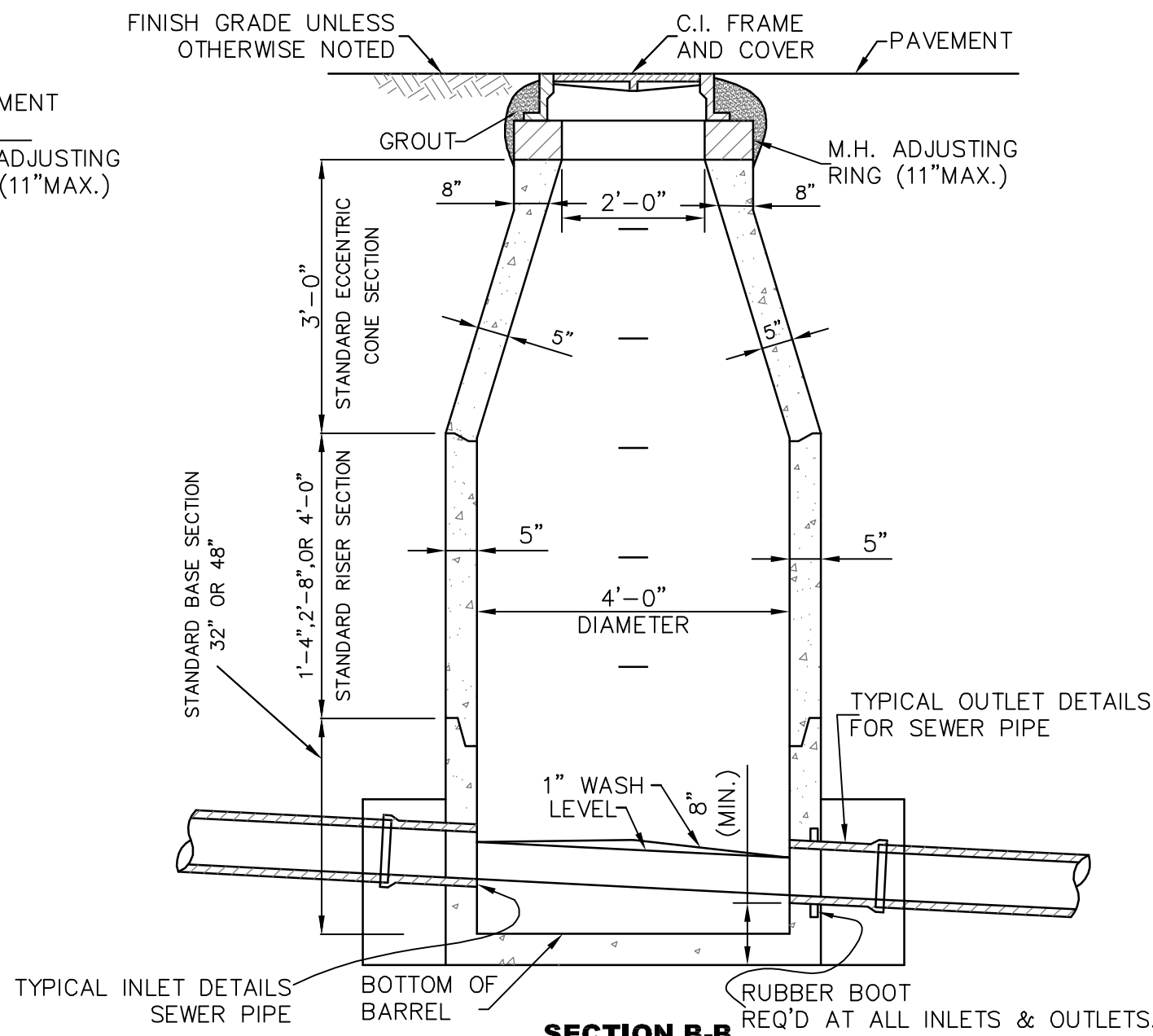


SECTIONAL PLAN
STANDARD PRECAST 4'-0" DIAMETER MANHOLE

NOTE: 5'-0" & 6'-0" DIAMETER MANHOLE MAY BE SIMILAR DESIGN IF APPROVED BY THE ENGINEER. SHOWN WITH CLAY OR CONCRETE PIPE

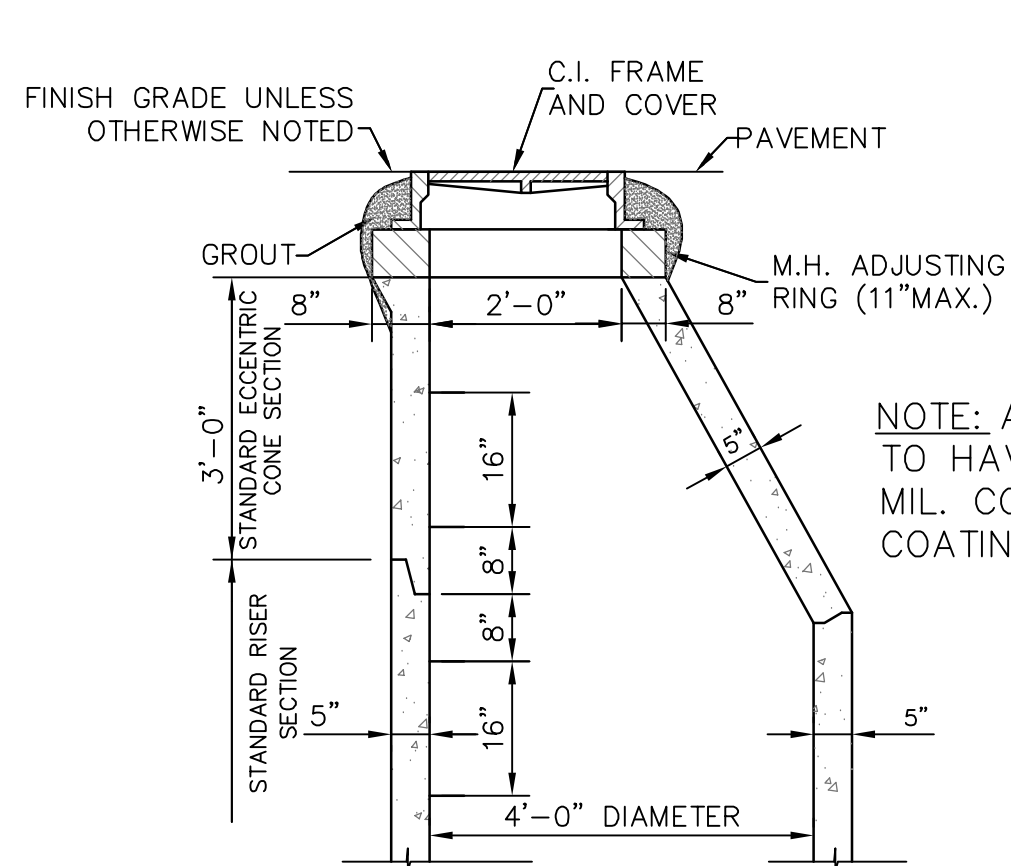


SECTION A-A
SHOWN WITH MANHOLE BOTTOM-PRECAST



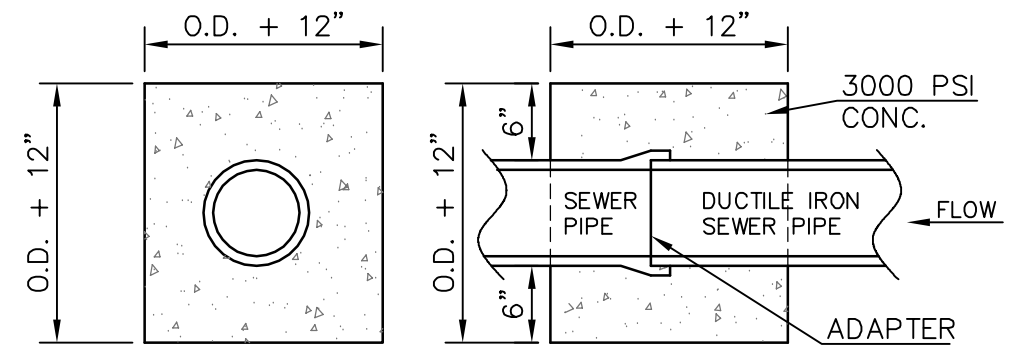
SHOWN WITH MANHOLE BOTTOM CAST-IN-PLACE

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.



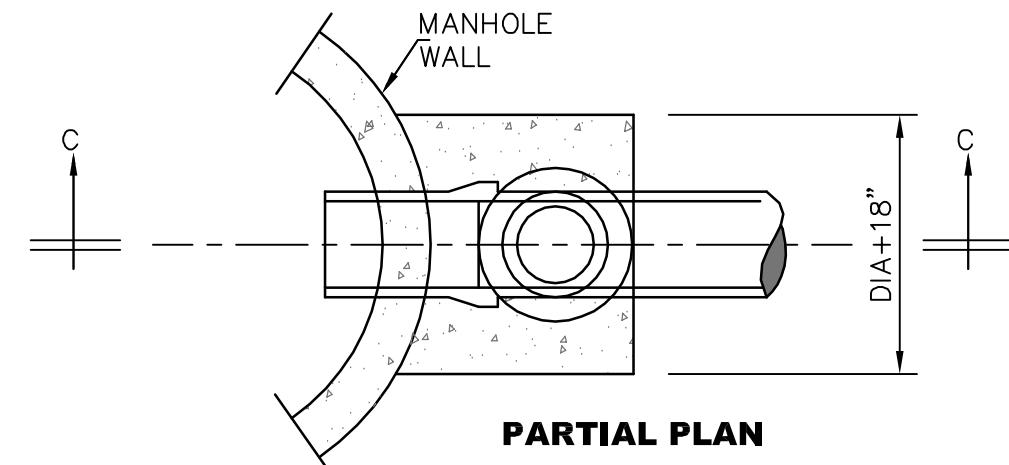
STANDARD ECCENTRIC CONE
FOR ALL DIAMETER MANHOLES

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.



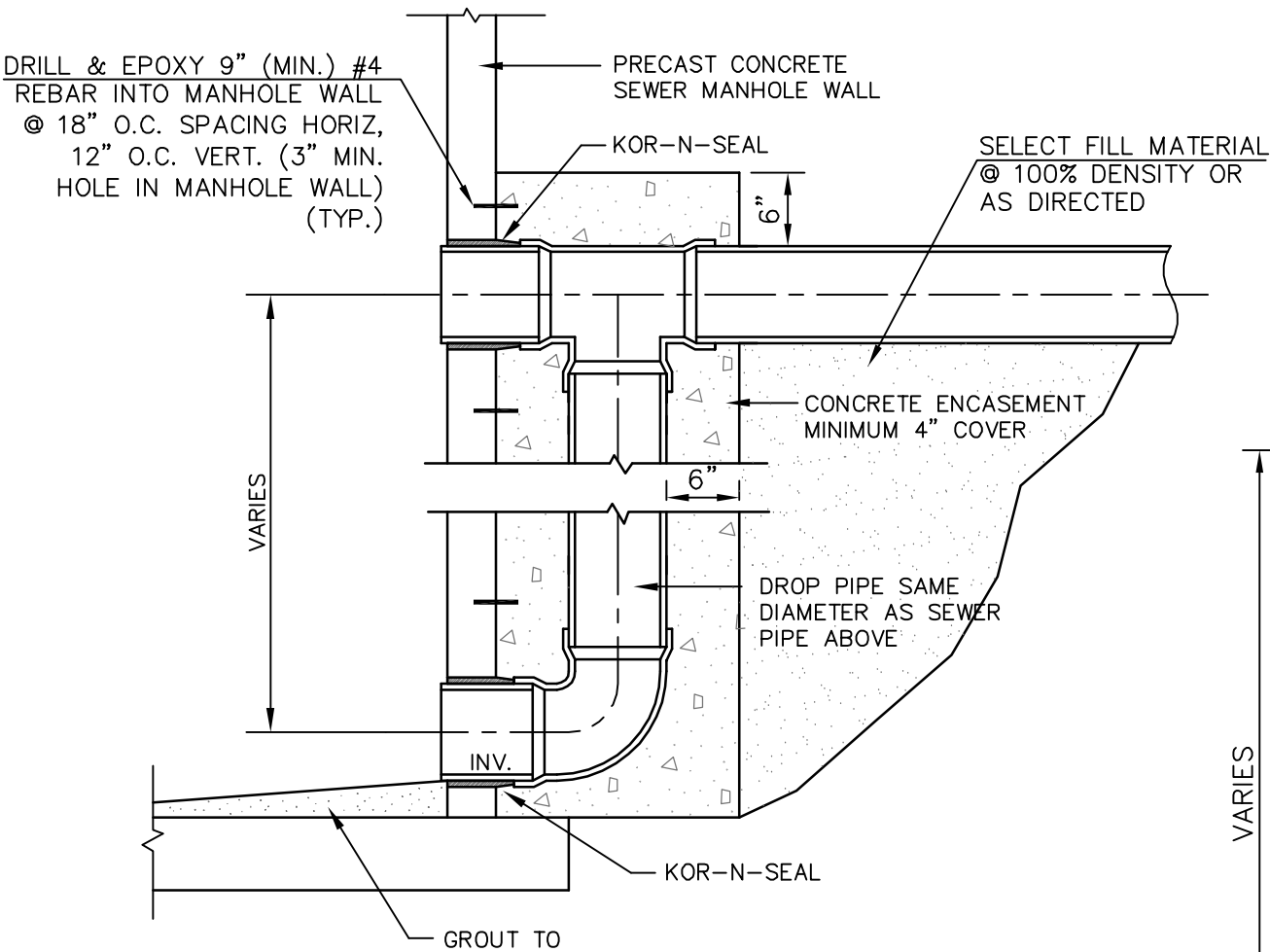
TYPICAL DROP MANHOLE ASSEMBLY

NOTE:

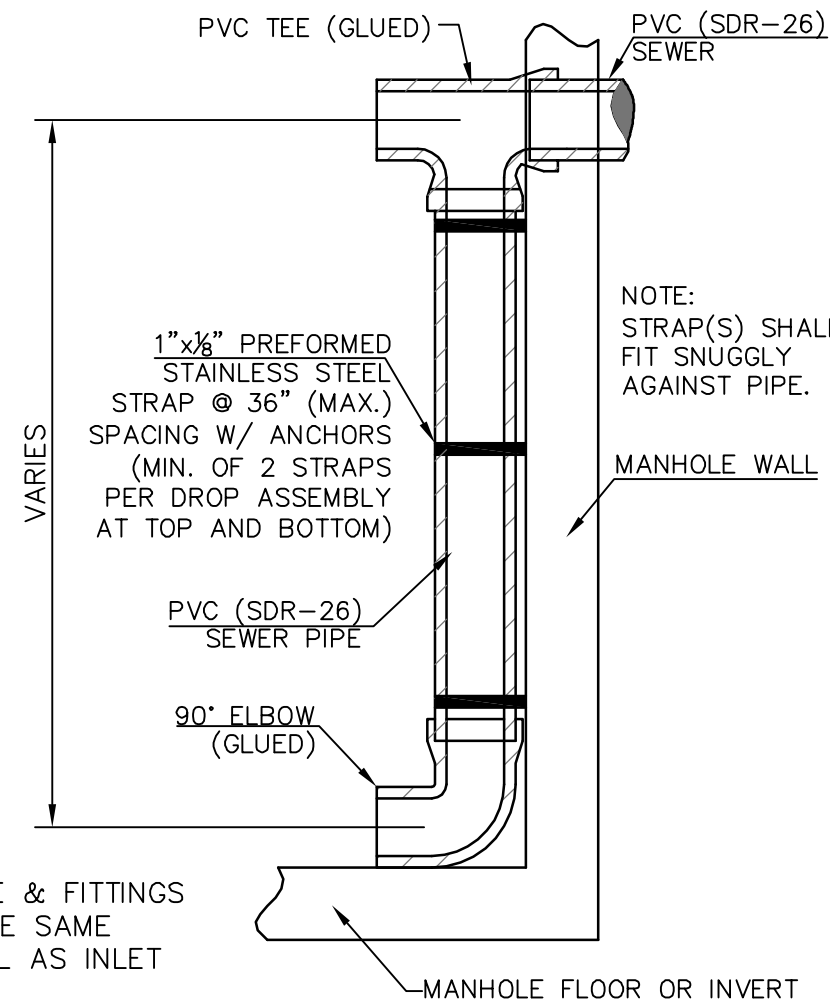
ALL MANHOLES SHALL BE STANDARD PRECAST WITH EXTENDED BASES, UNLESS OTHERWISE DIRECTED. FLEXIBLE INLET AND OUTLET CONNECTION BOOTS REQUIRED ON ALL PIPES AND FORCE MAINS.

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

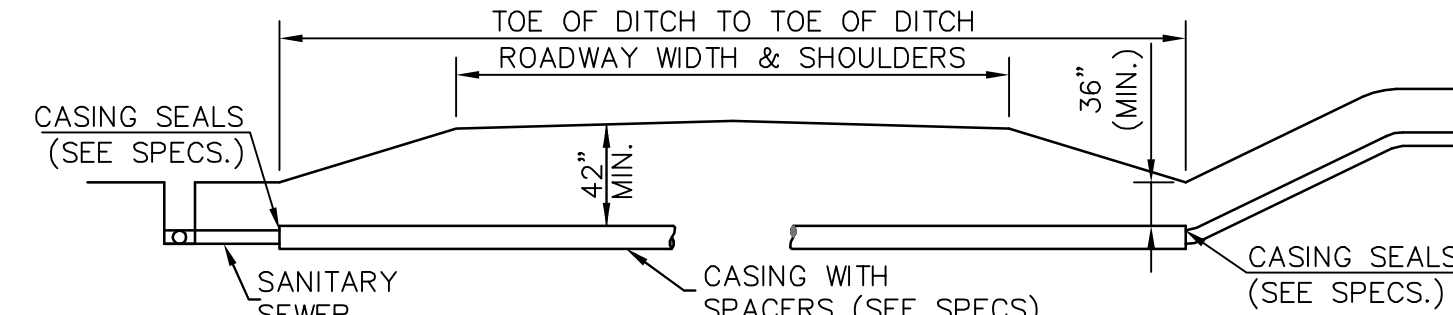


DETAIL "A"
SECTION C-C

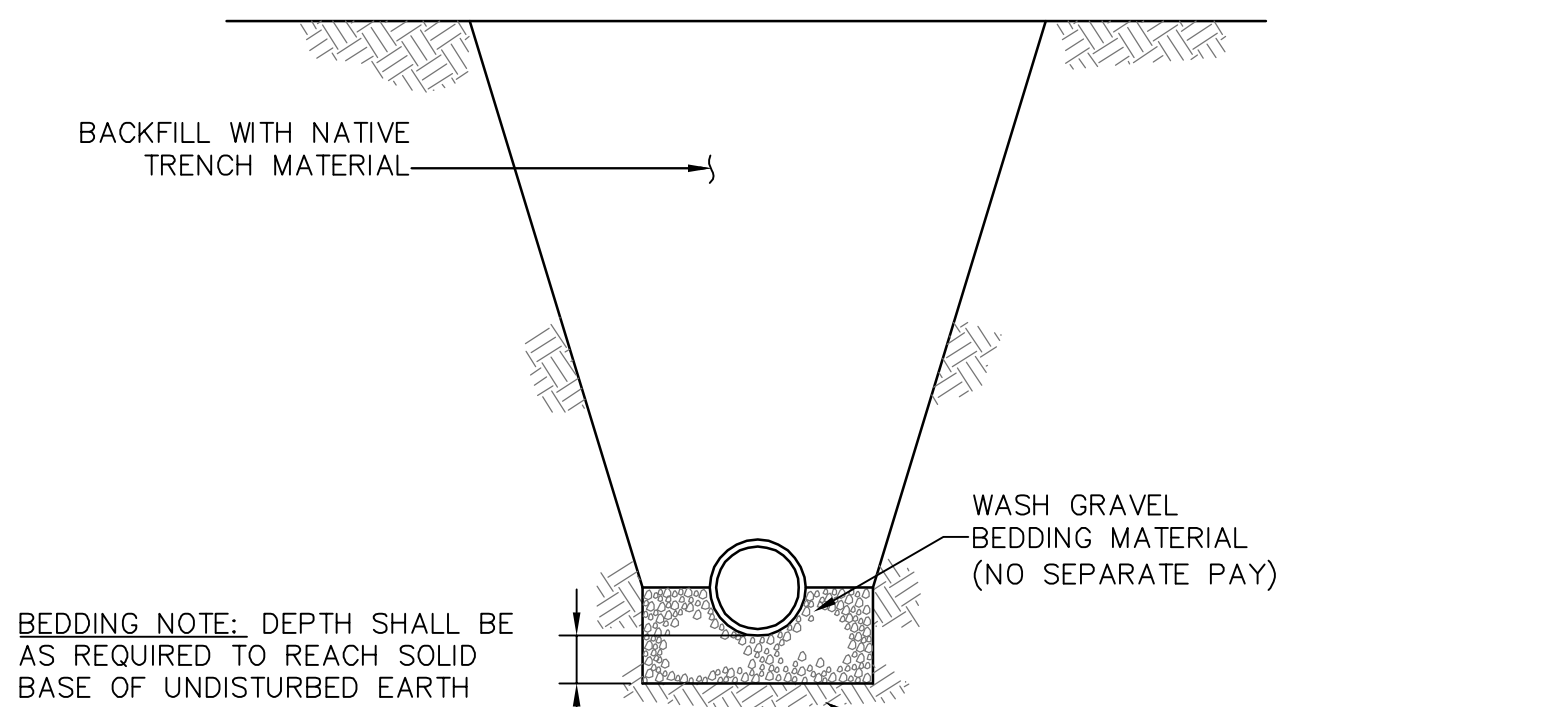
TYPICAL DROP MANHOLE ASSEMBLY

- 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.

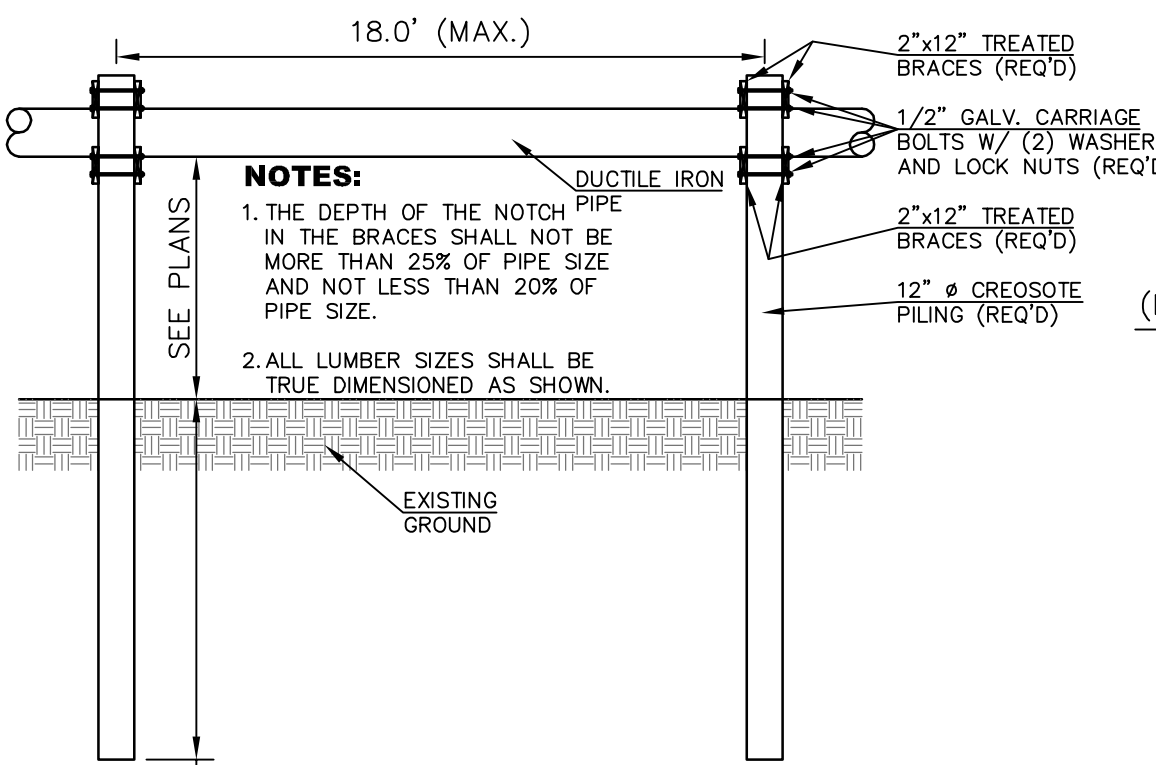
NOTE: ALL TESTING TO BE THE RESPONSIBILITY OF THE CONTRACTOR. (NO SEPARATE PAY)



ROAD BORE DETAIL

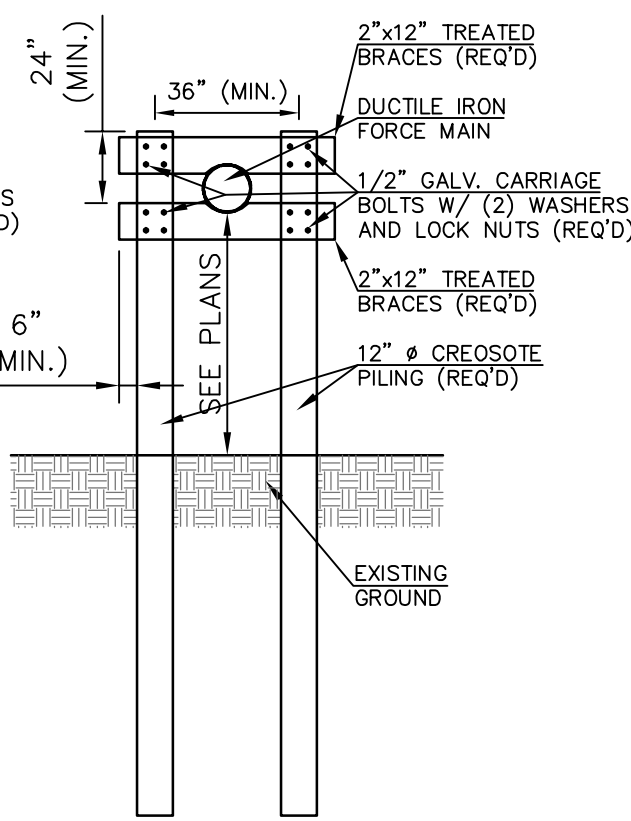


TYPICAL TRENCH DETAIL
(NON PAVED AREA)



SIDE VIEW

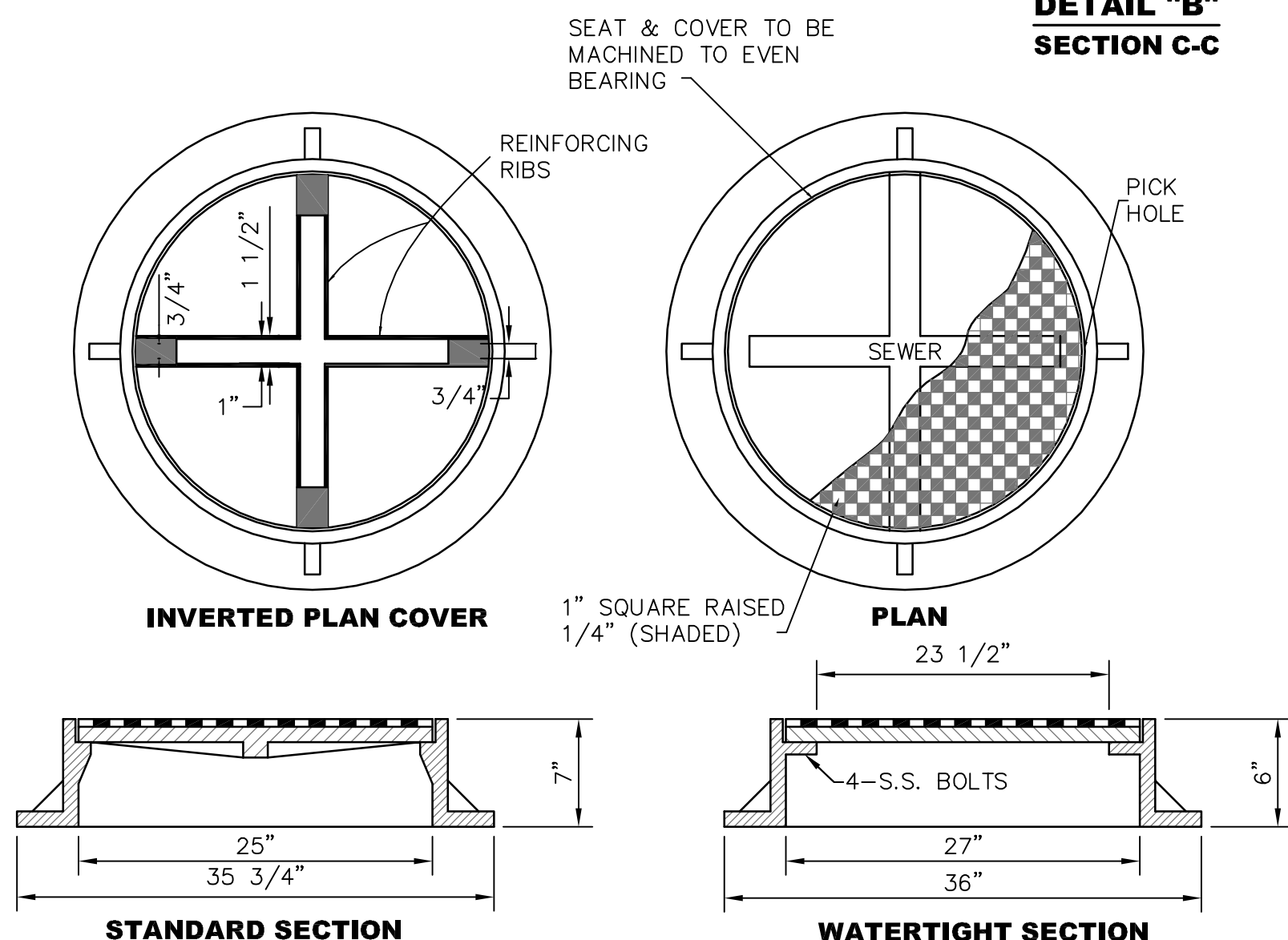
TREATED WOOD PIPE PIERS



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.



INVERTED PLAN COVER

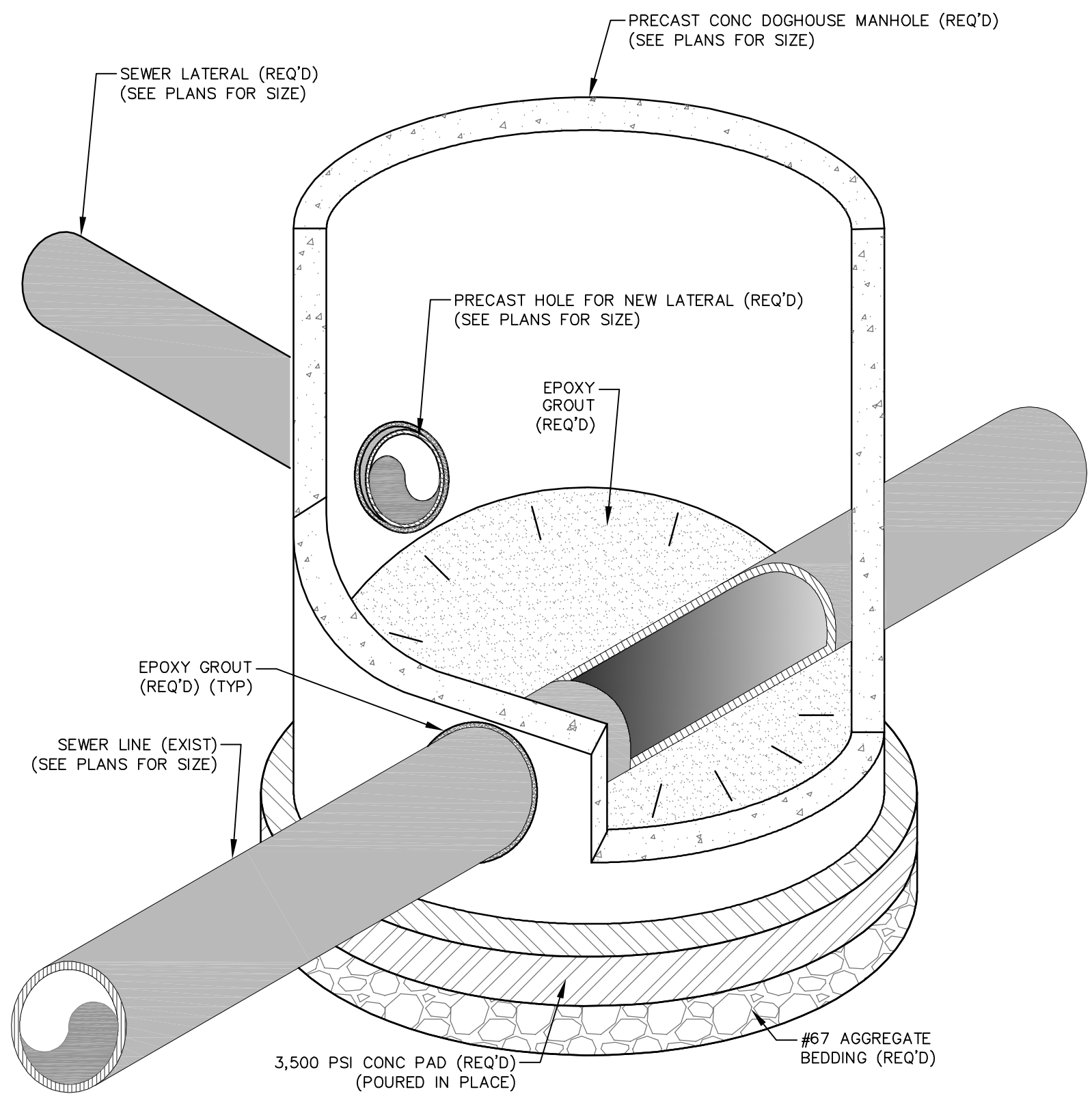
STANDARD SECTION

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

NO.	DATE	DESCRIPTION	BY
SEWER INSTALLATION 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.:	SSD1
Drawing No.:	11254	Sheet No.:	15

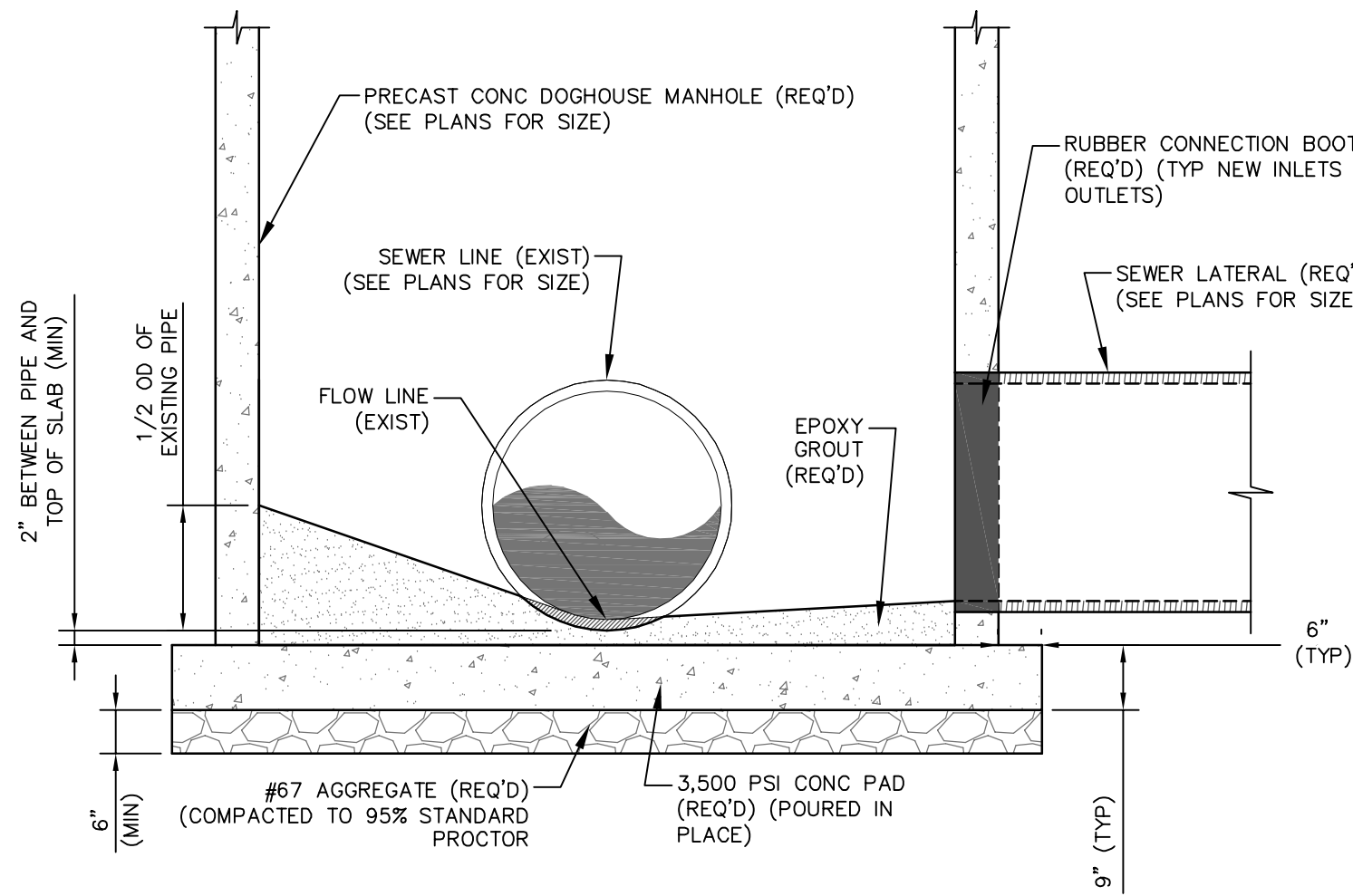


ISOMETRIC VIEW

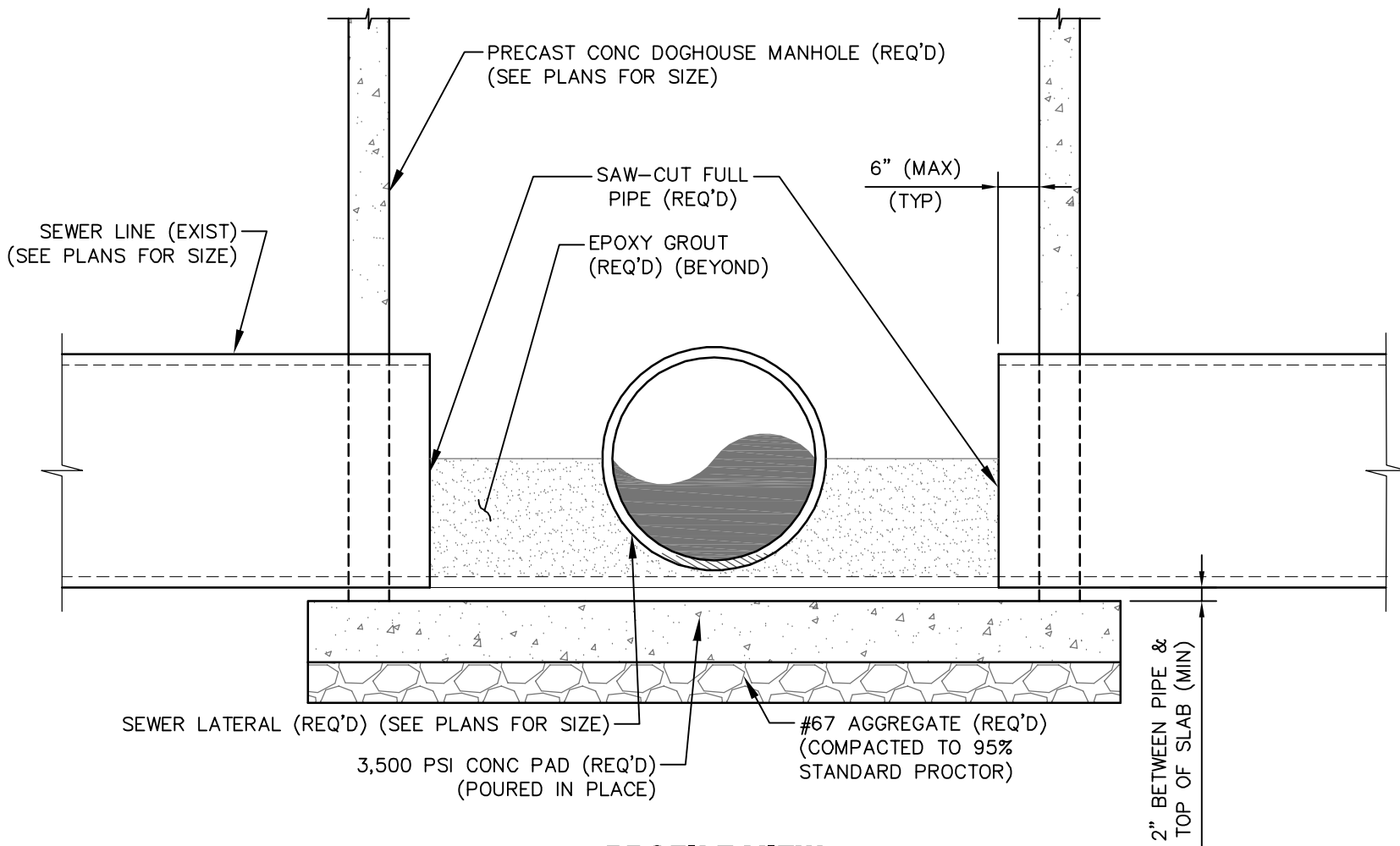
DOGHOUSE MANHOLE NOTES:

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.

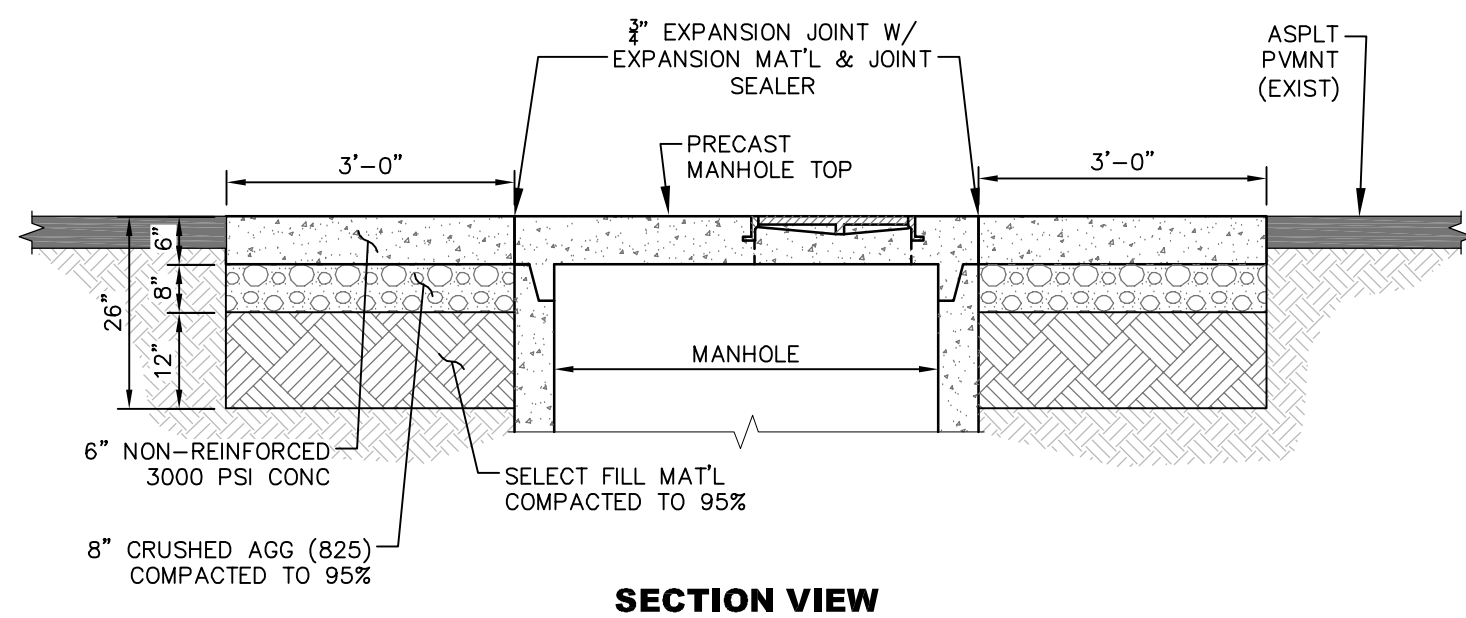


SECTION VIEW

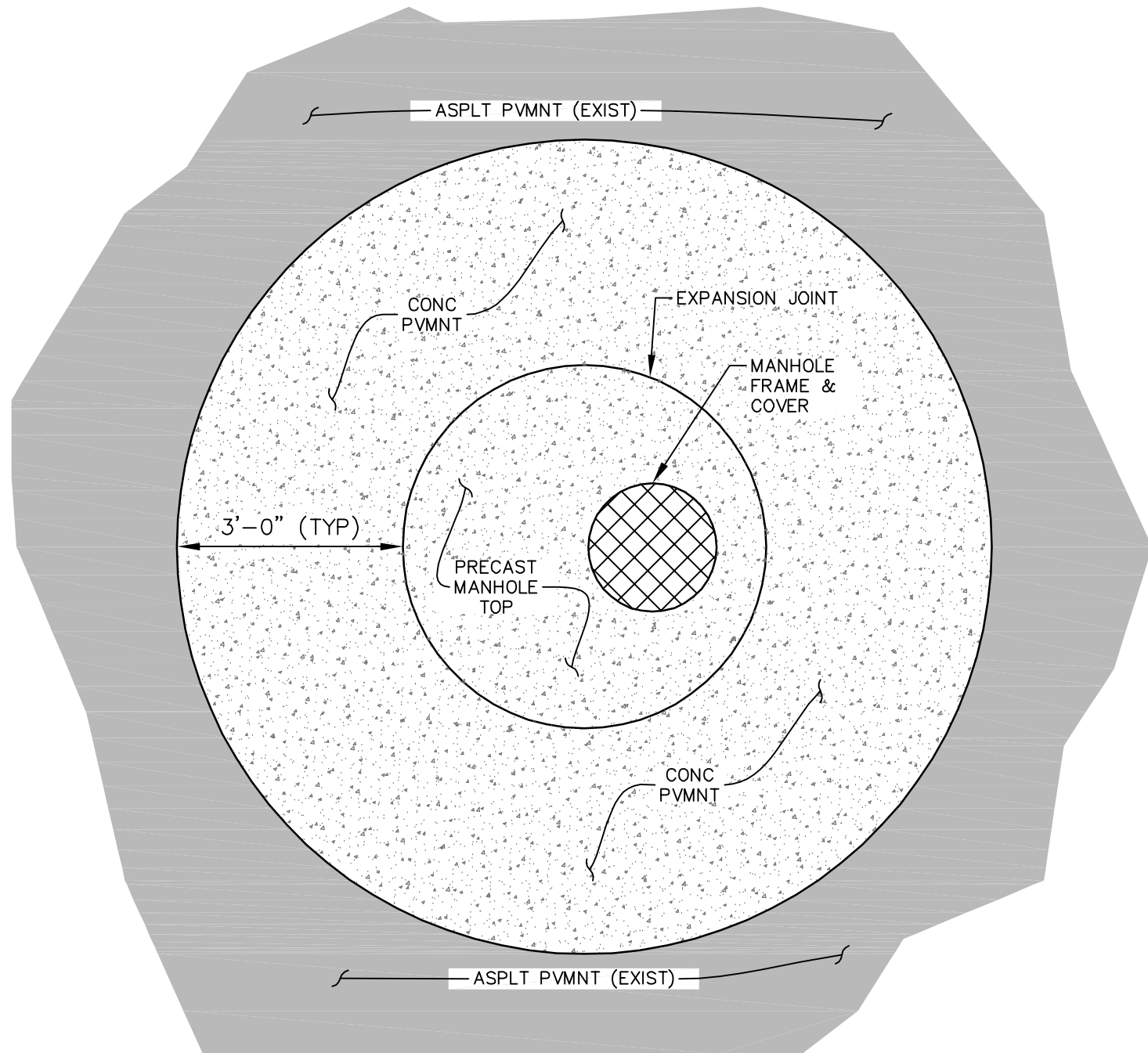


PROFILE VIEW

DOGHOUSE MANHOLE DETAIL

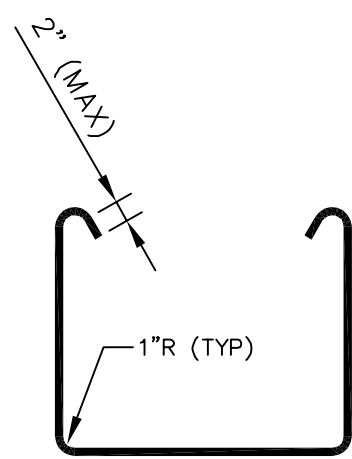


SECTION VIEW

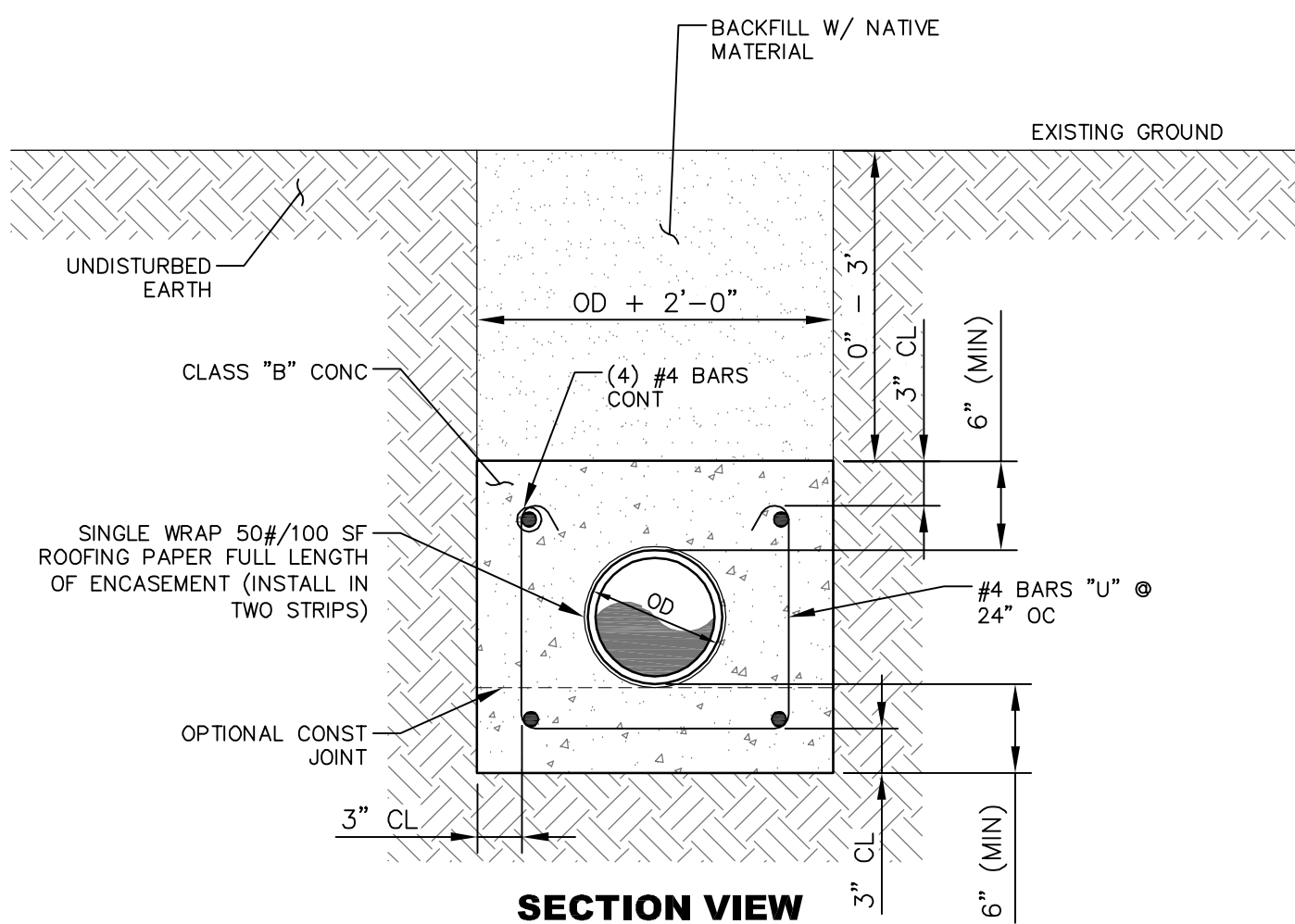


PLAN VIEW

TYPICAL ADDITIONAL PAVING DETAIL @ FLAT TOP MANHOLE

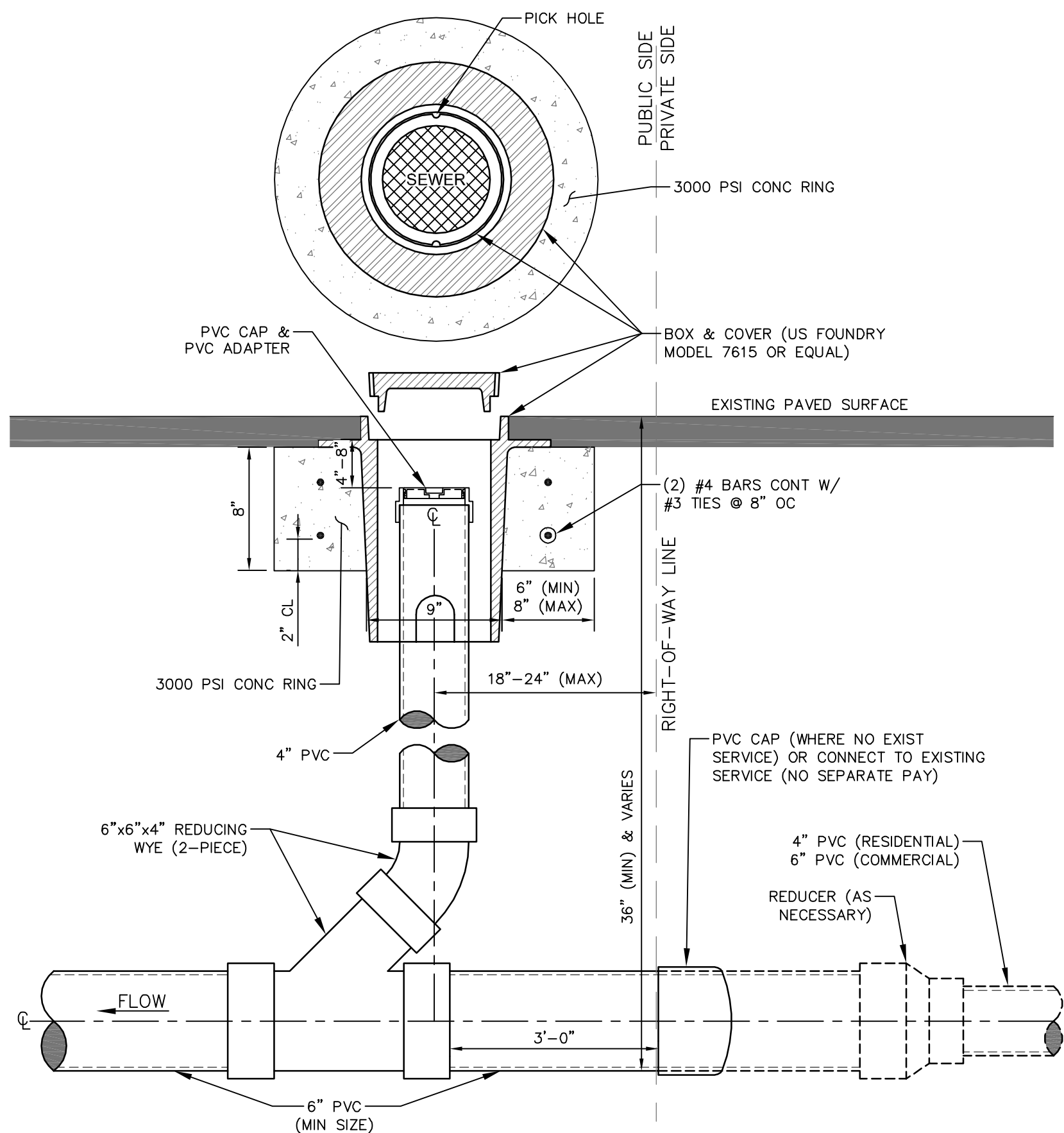


BAR "U" DETAIL



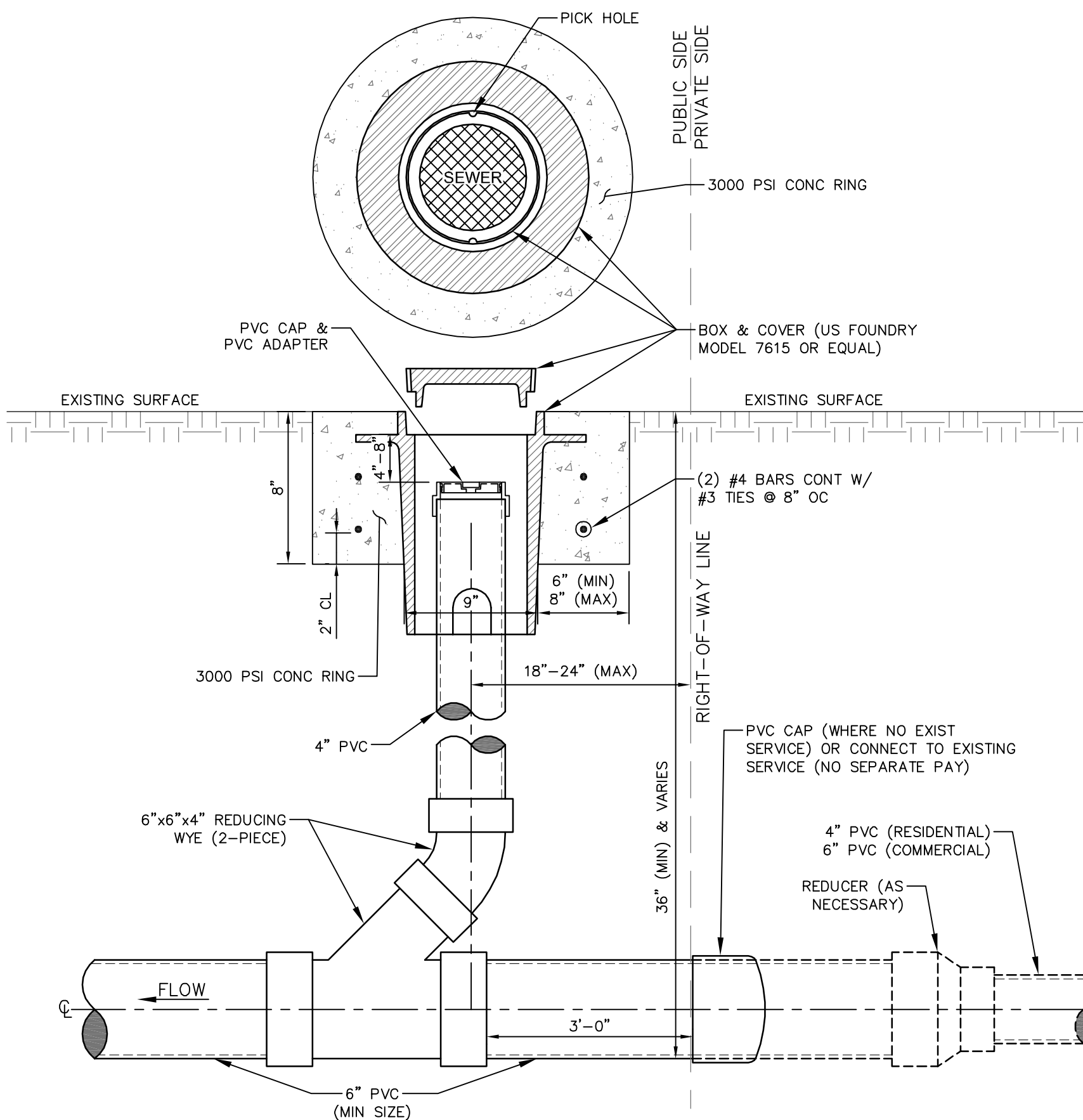
SECTION VIEW

CONCRETE ENCASEMENT FOR LOW COVER DETAIL



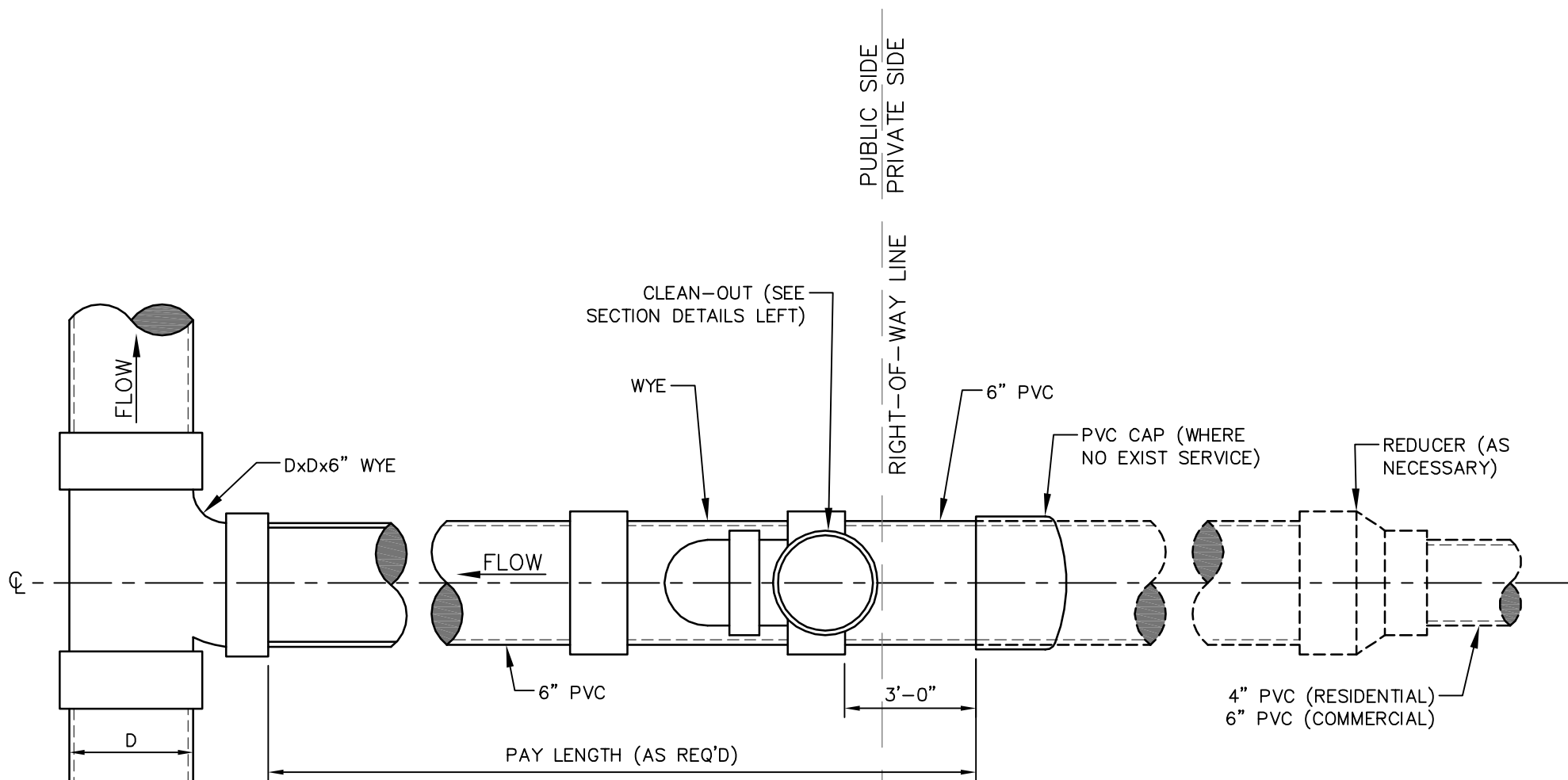
SANITARY SEWER CLEANOUT DETAIL - SECTION VIEW

FOR PAVED AREA



SANITARY SEWER CLEANOUT DETAIL - SECTION VIEW

FOR NON-PAVED AREA



SERVICE CONNECTION - PLAN VIEW

CLEANOUT NOTE:

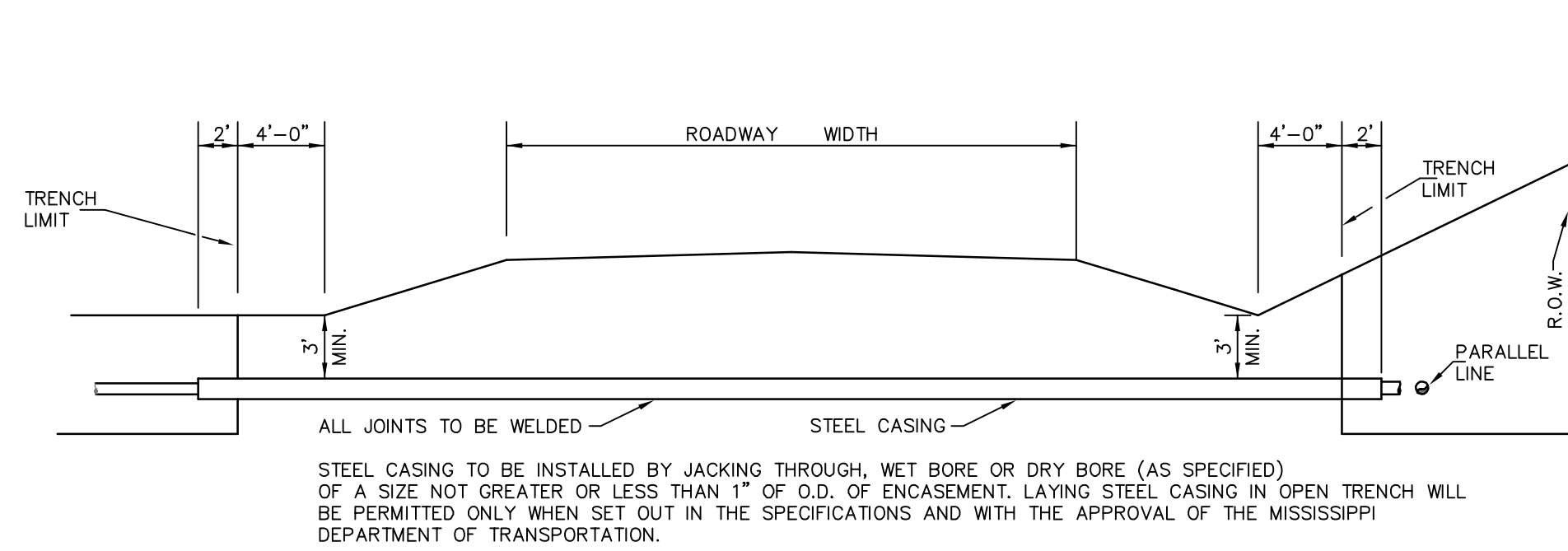
CLEANOUTS SHALL BE PLACED AT ALL BENDS IN SERVICE LINES OVER 22.5' AND ALL CHANGES IN GRADE. CLEANOUTS SHALL BE PLACED AT ROW LINES AS DETAILED.

NO.	DATE	DESCRIPTION	BY
SEWER INSTALLATION 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.:	SSD2
Drawing No.:	11254	Sheet No.:	16

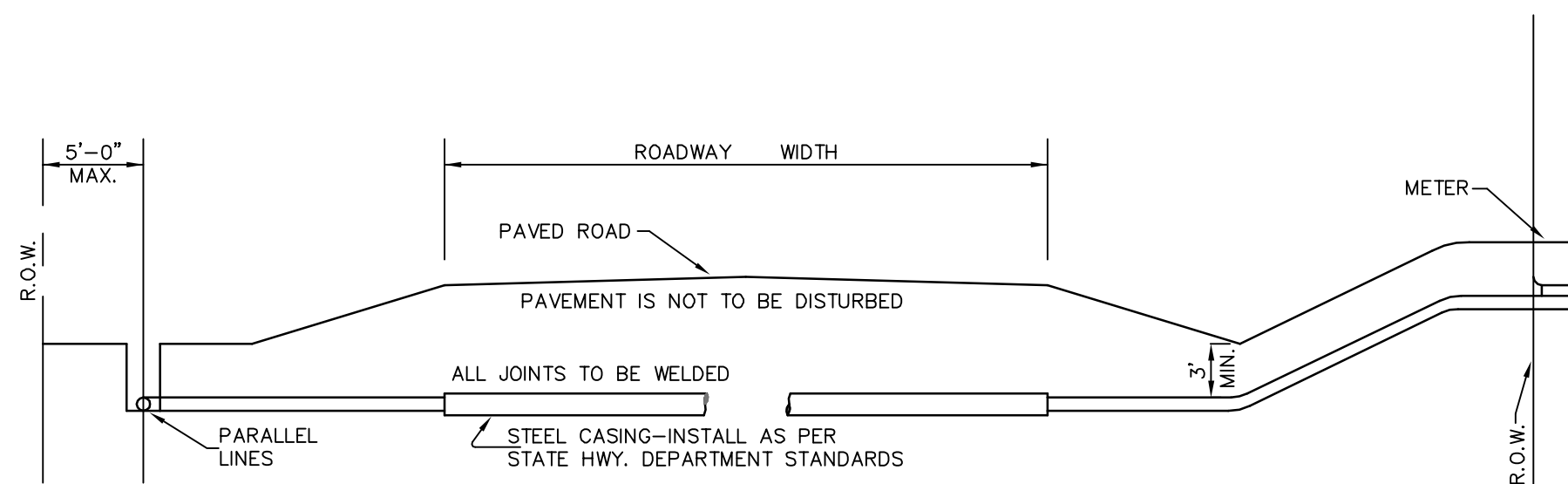


1. POST INDICATOR VALVES SHALL BE REQUIRED AT ALL EXISTING STRUCTURES WHICH ARE BEING CONNECTED TO THE PROPOSED SYSTEM UNDER THIS PROJECT, IF THE EXISTING PIV IS DAMAGED AND/OR INOPERABLE OR IF NO PIV IS IN PLACE AT THE TIME OF CONNECTION.
2. LOCATIONS FOR PROPOSED PIV'S SHALL BE AS DIRECTED BY THE ENGINEER 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.

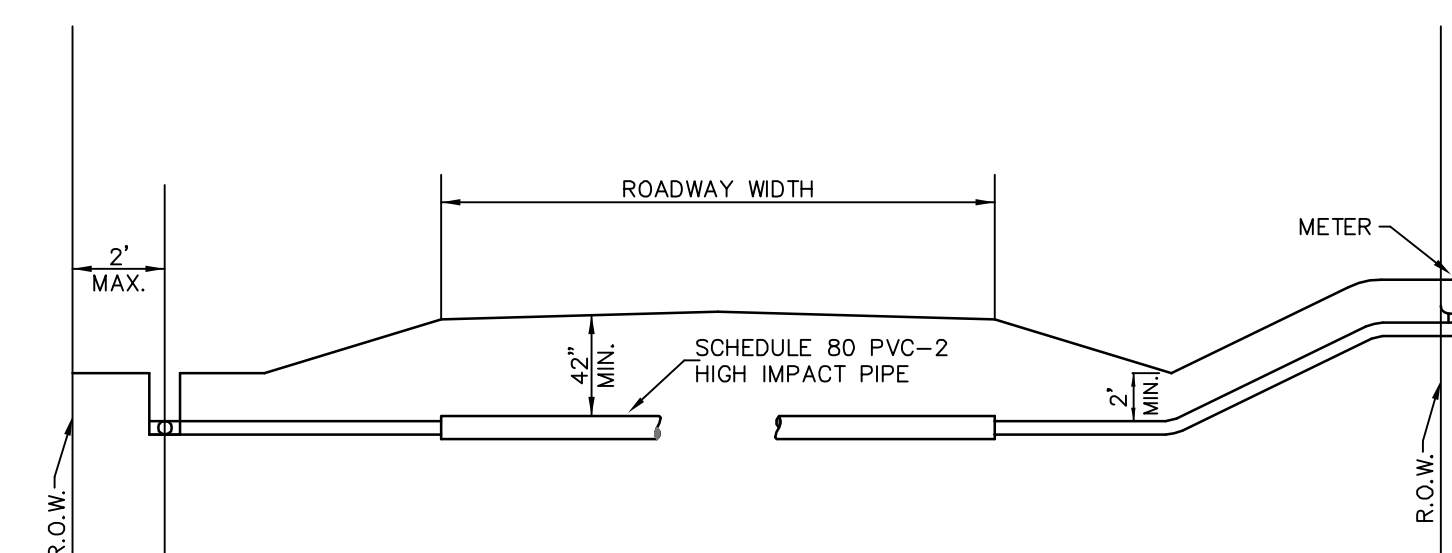
NO.	DATE	DESCRIPTION	BY
WATER INSTALLATION DETAILS			
INFRASTRUCTURE IMPROVEMENTS CITY OF HATTIESBURG FORREST COUNTY, MISSISSIPPI			
 Engineering Progress			
301 Second Ave. Hattiesburg, MS 39401 (p) 601.544.1821 (f) 601.544.0501 sd-w.com			
Drawn by: RES\BT		Checked by: KDW	Scale: NONE
Date: 01-22-2018		Working No. <u>WTRD1</u>	
Drawing No. 11254		Sheet No. <u>17</u>	



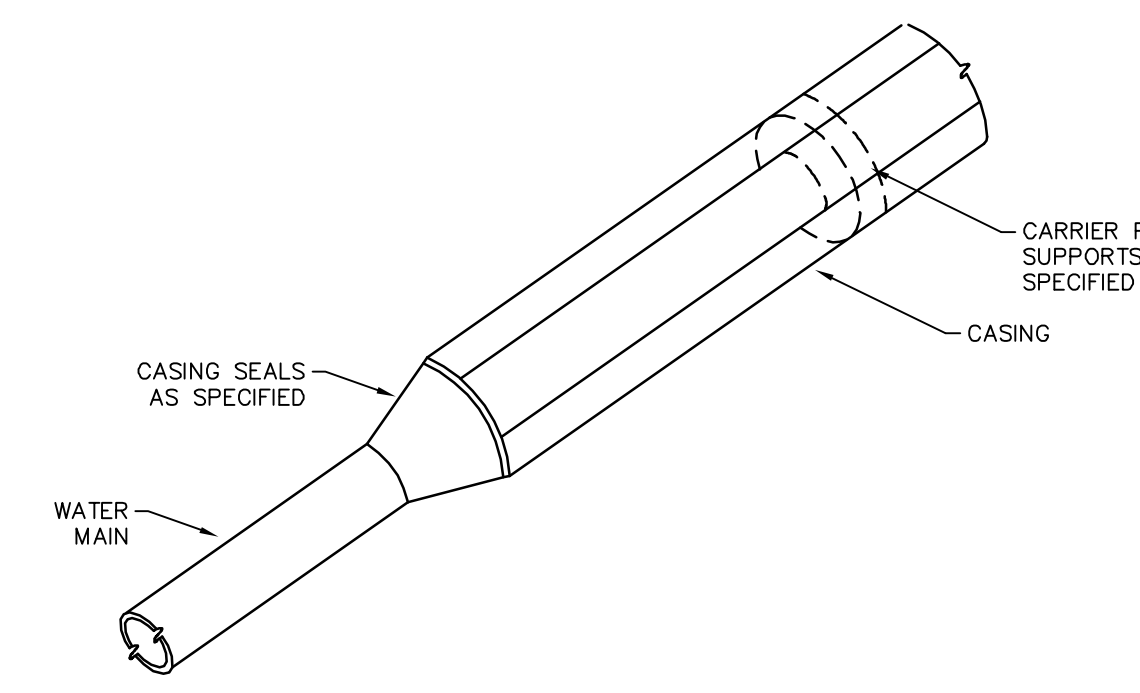
HIGHWAY CROSSING & WATER LINE PARALLELING HWY. IN R.O.W.



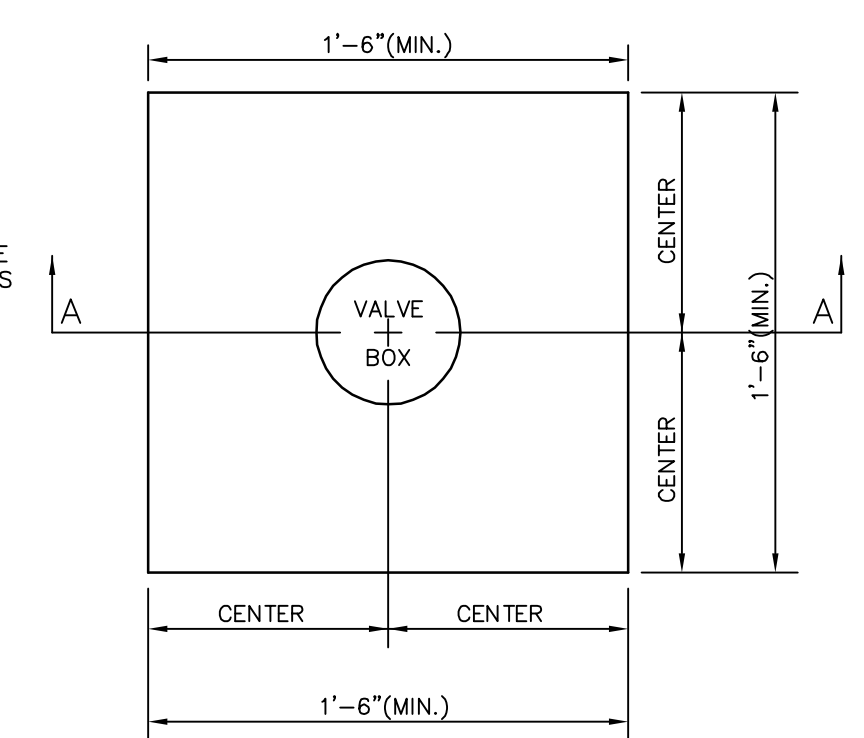
ROAD BORE & WATER LINE PARALLELING ROAD IN R.O.W.



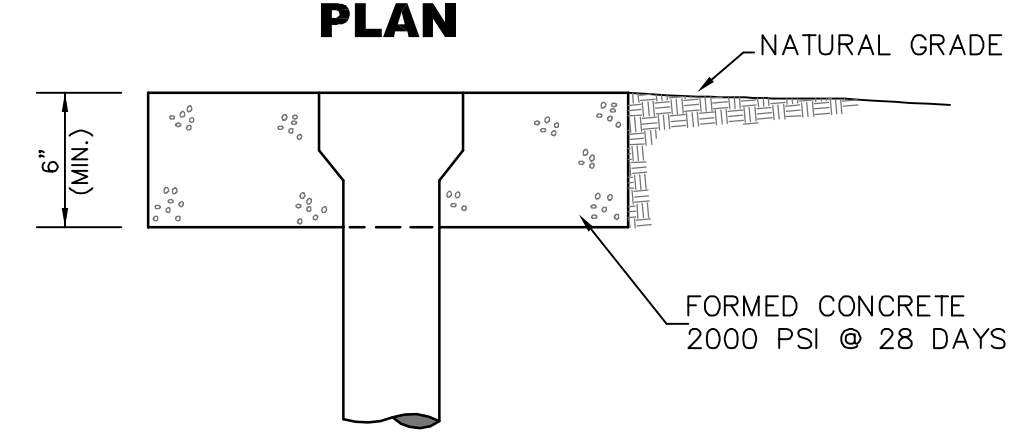
COUNTY GRAVEL ROAD & WATER LINE PARALLELING ROAD IN R.O.W.



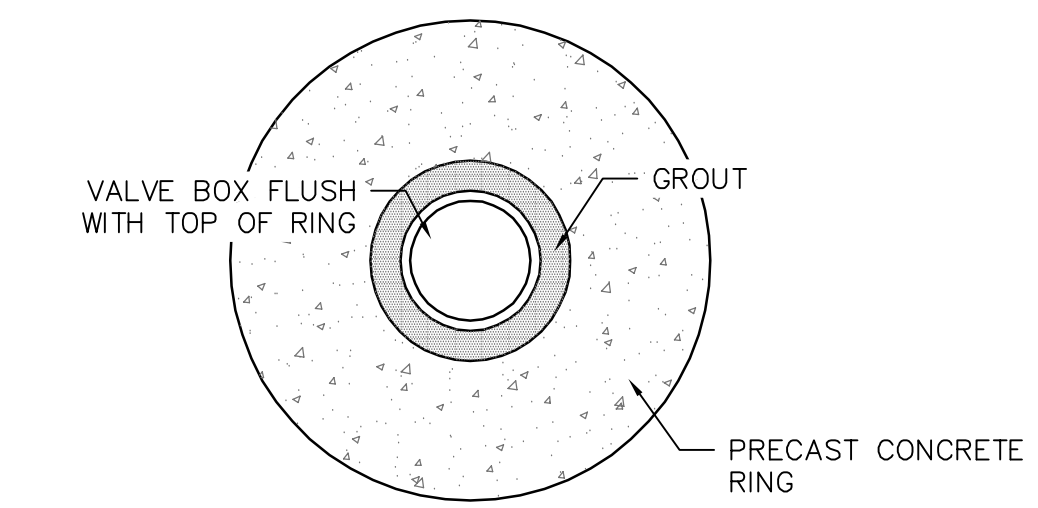
CASING END DETAIL



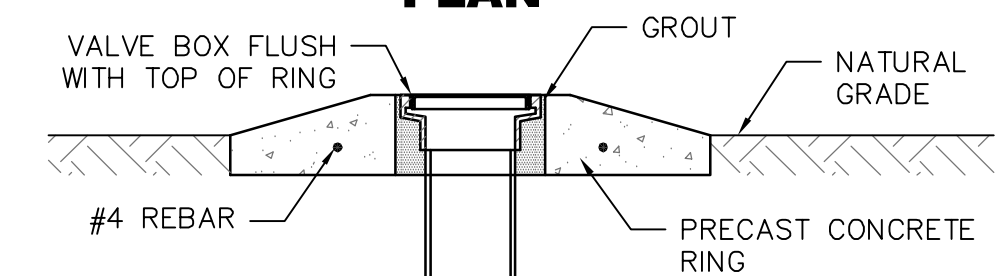
PLAN



SECTION VALVE LOCATION (PAVED AREA)

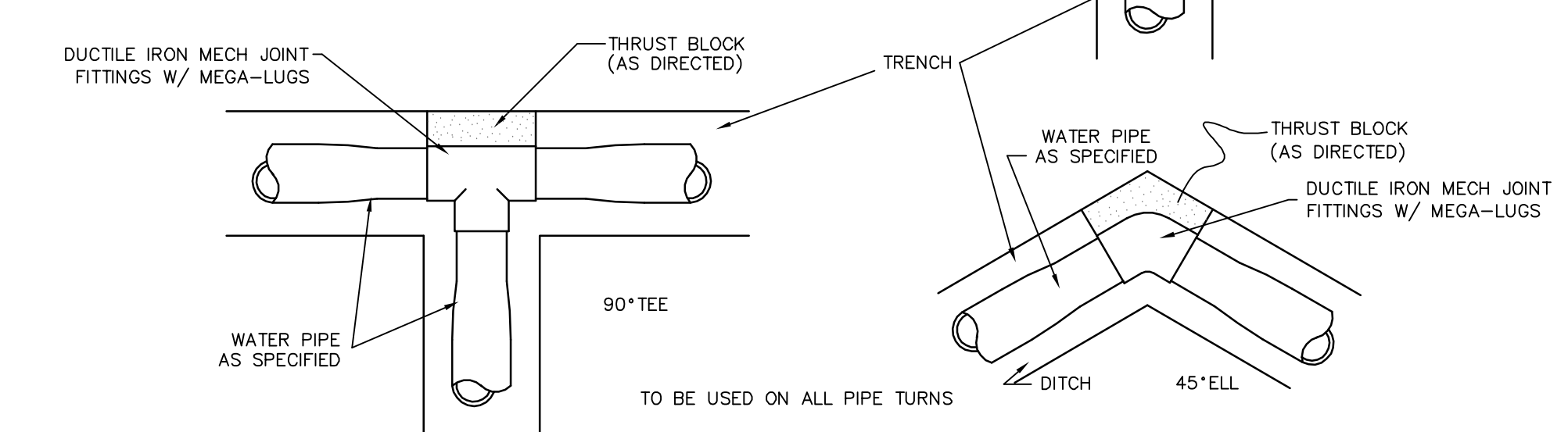
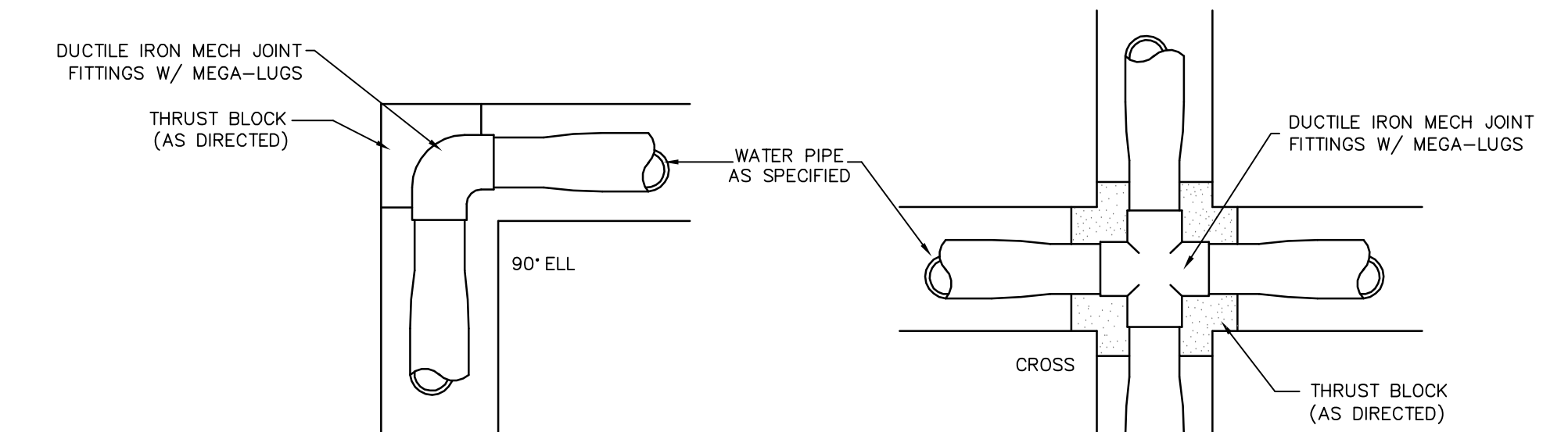


PLAN

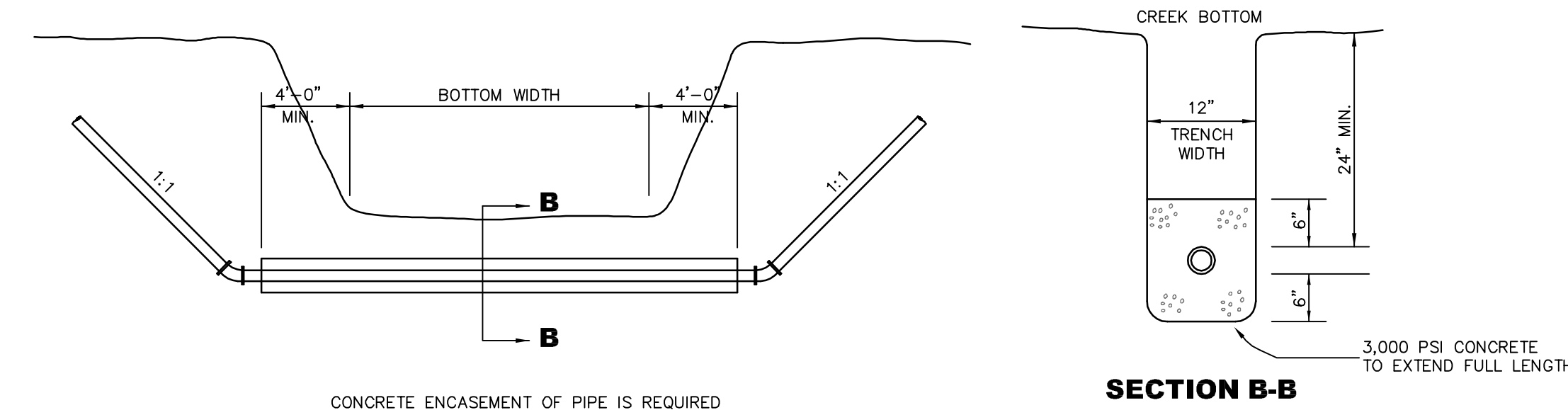


SECTION

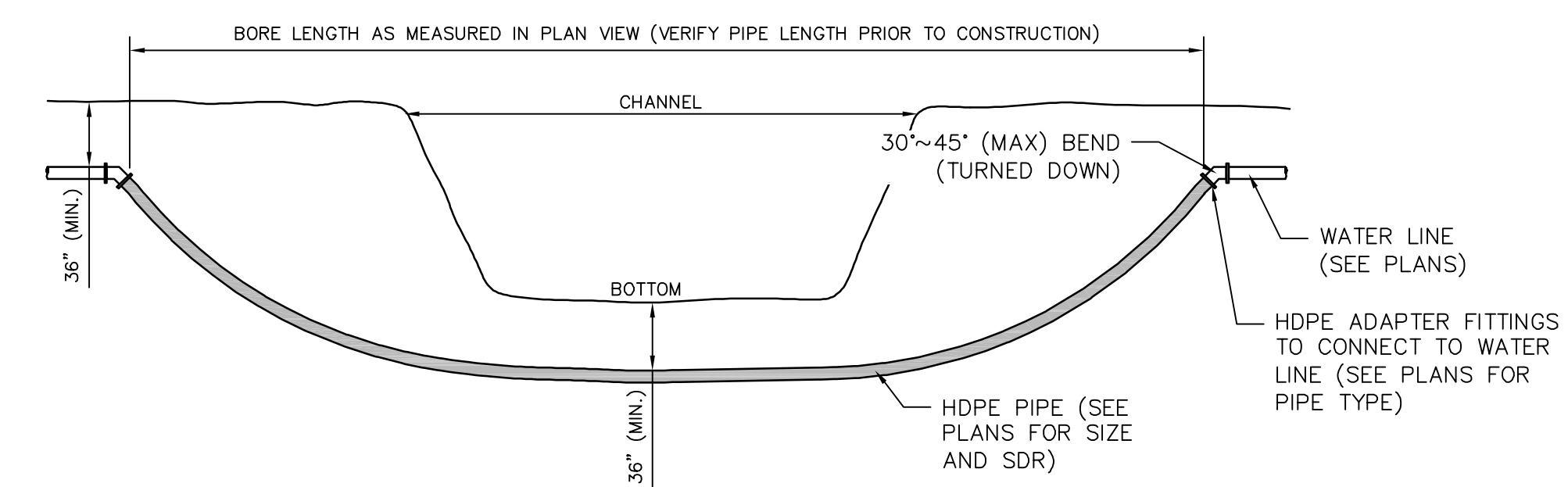
VALVE LOCATION (NON PAVED AREA)



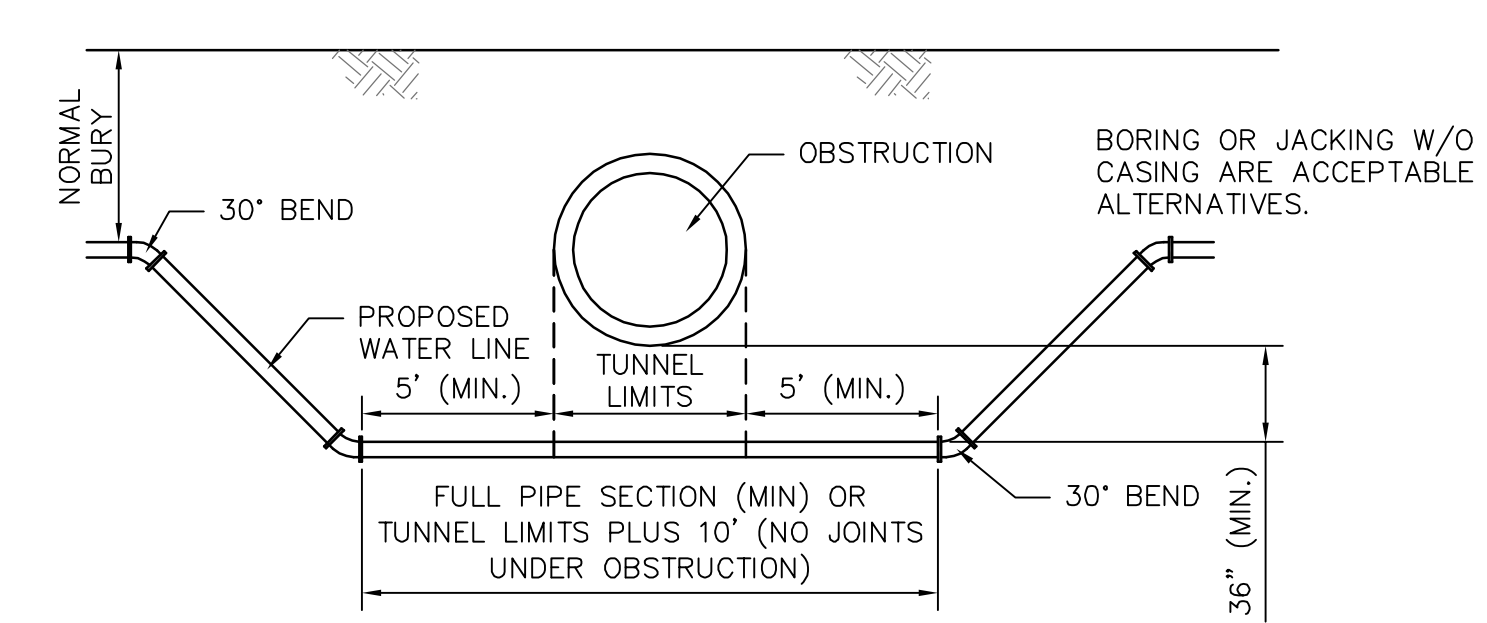
THRUST BLOCK DETAILS



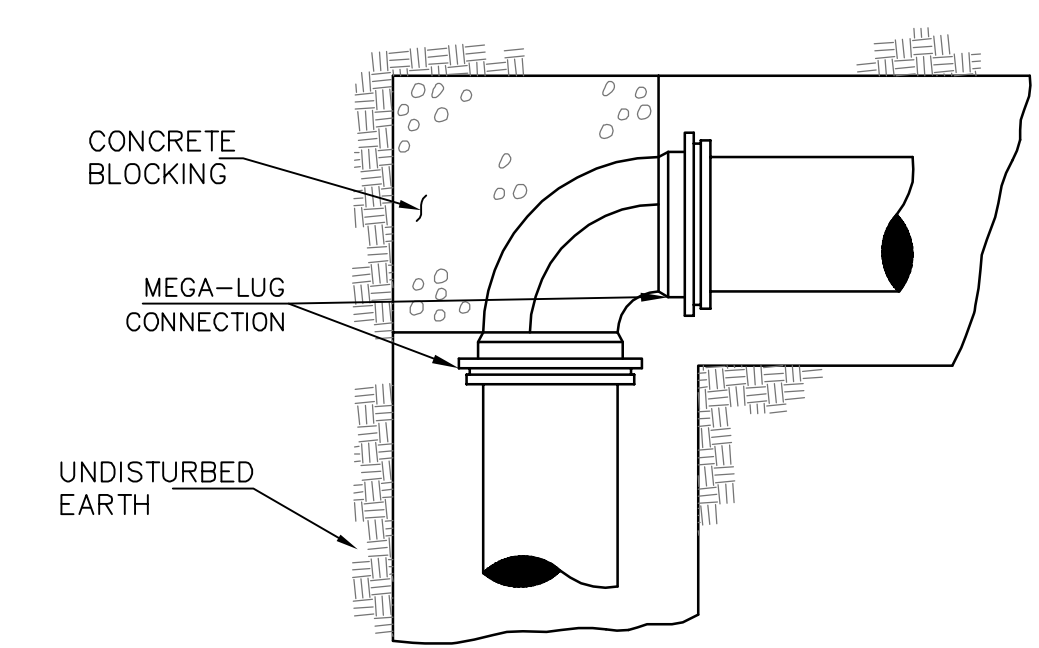
OPEN CUT CHANNEL CROSSING DETAIL



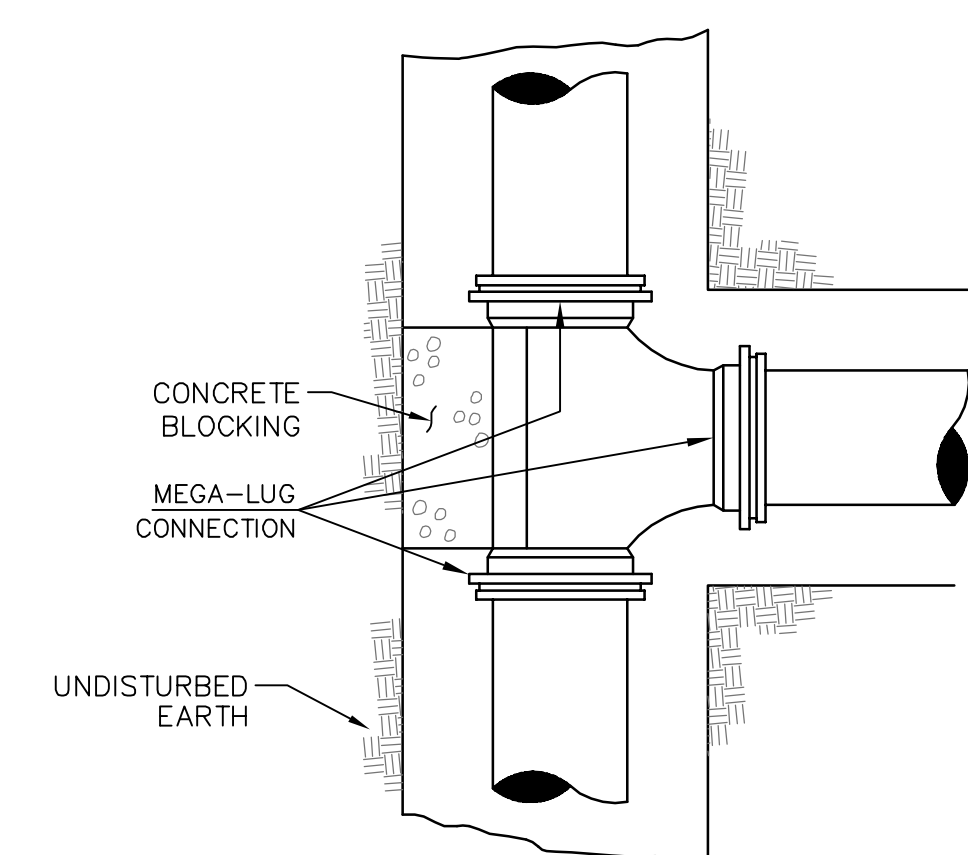
DIRECTIONAL BORED CHANNEL CROSSING DETAIL



OBSTRUCTION CROSSING DETAIL

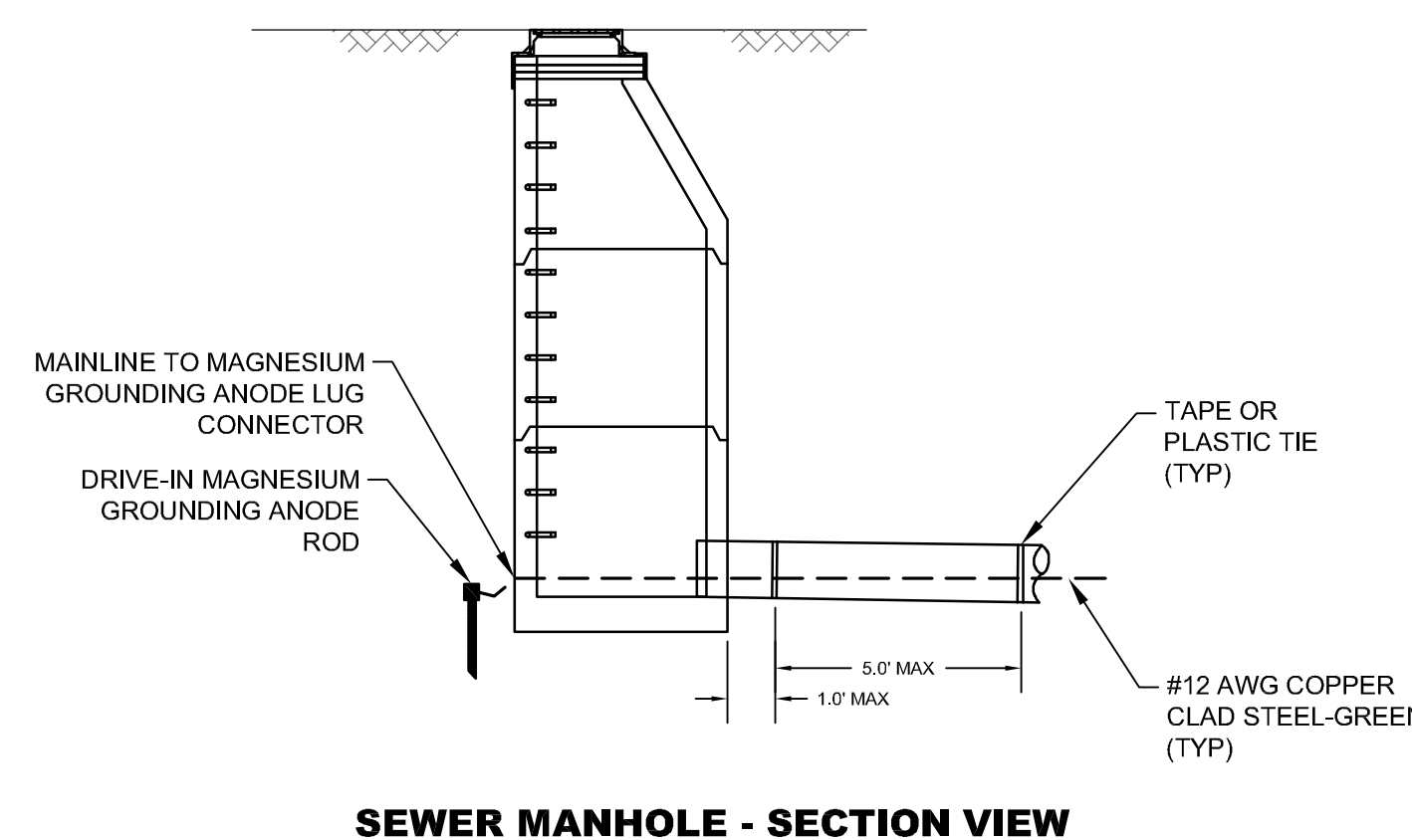
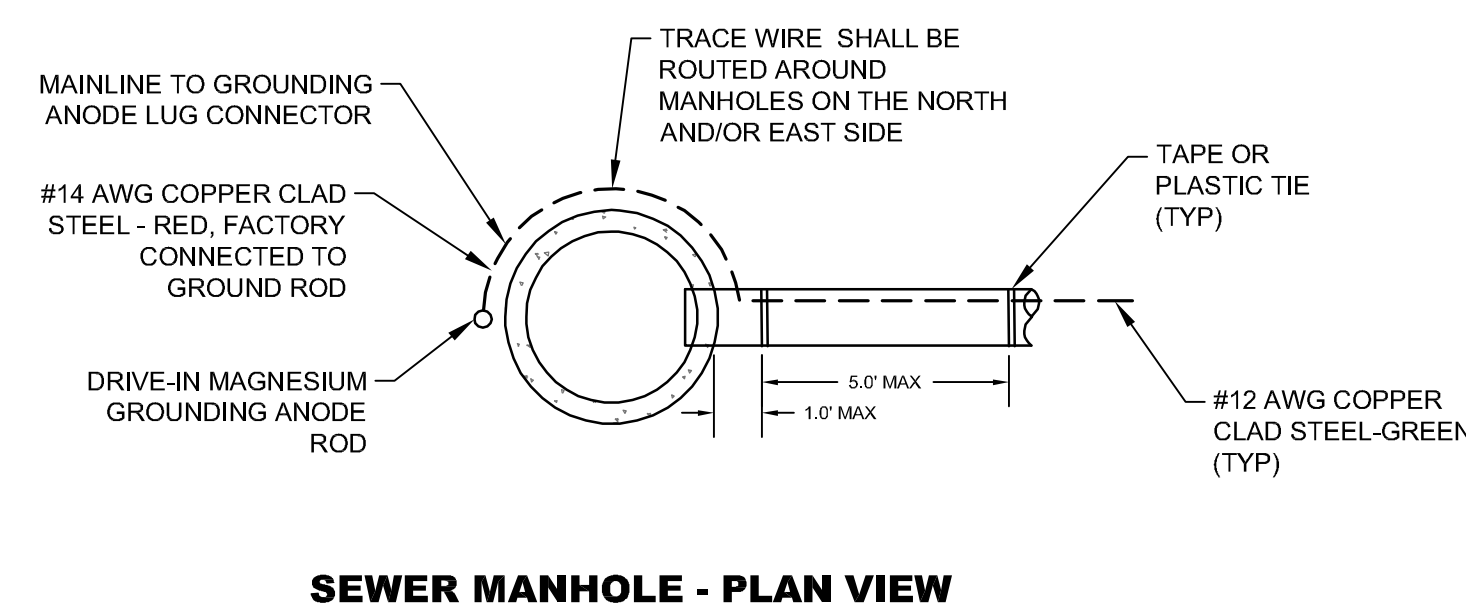
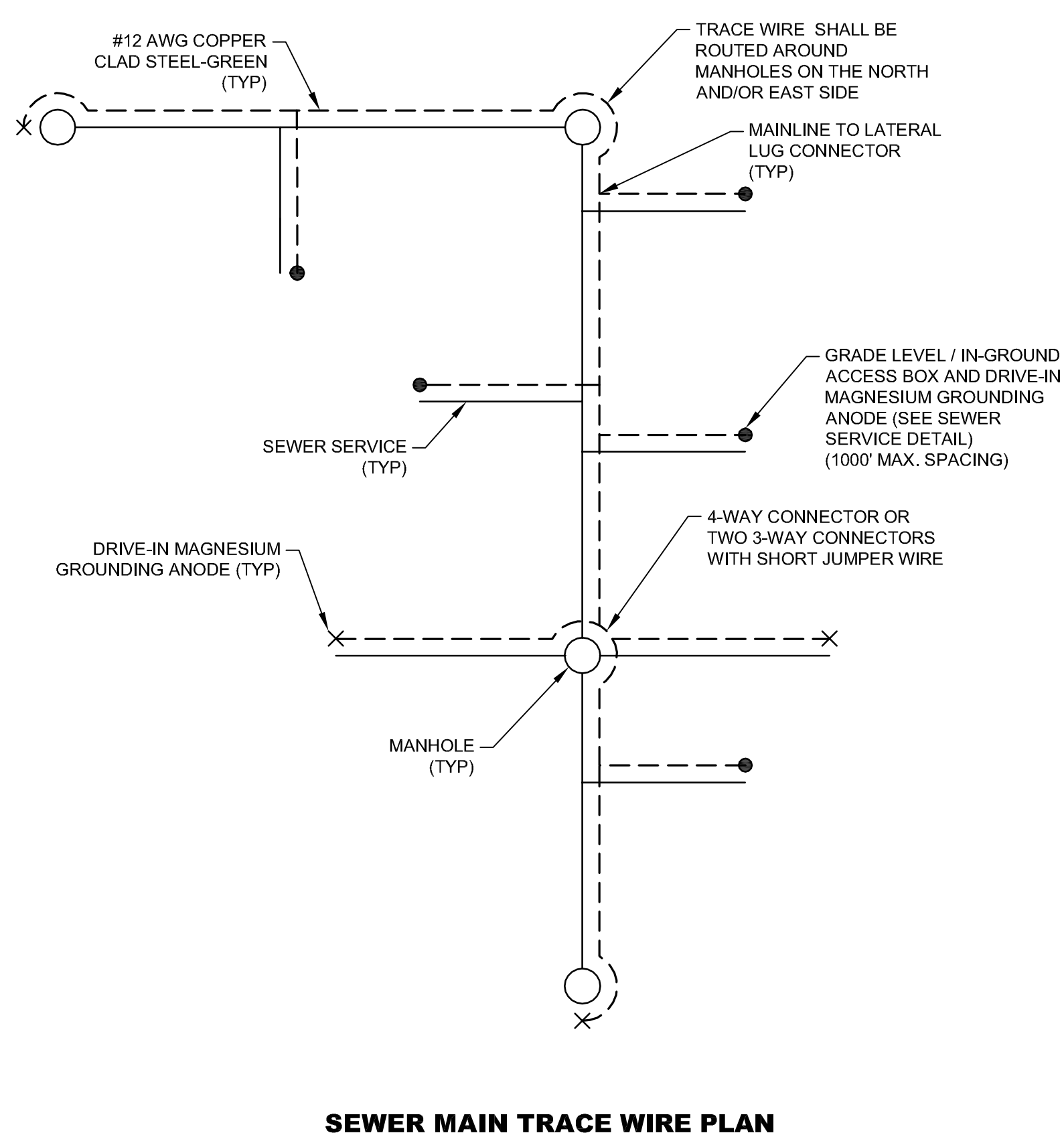
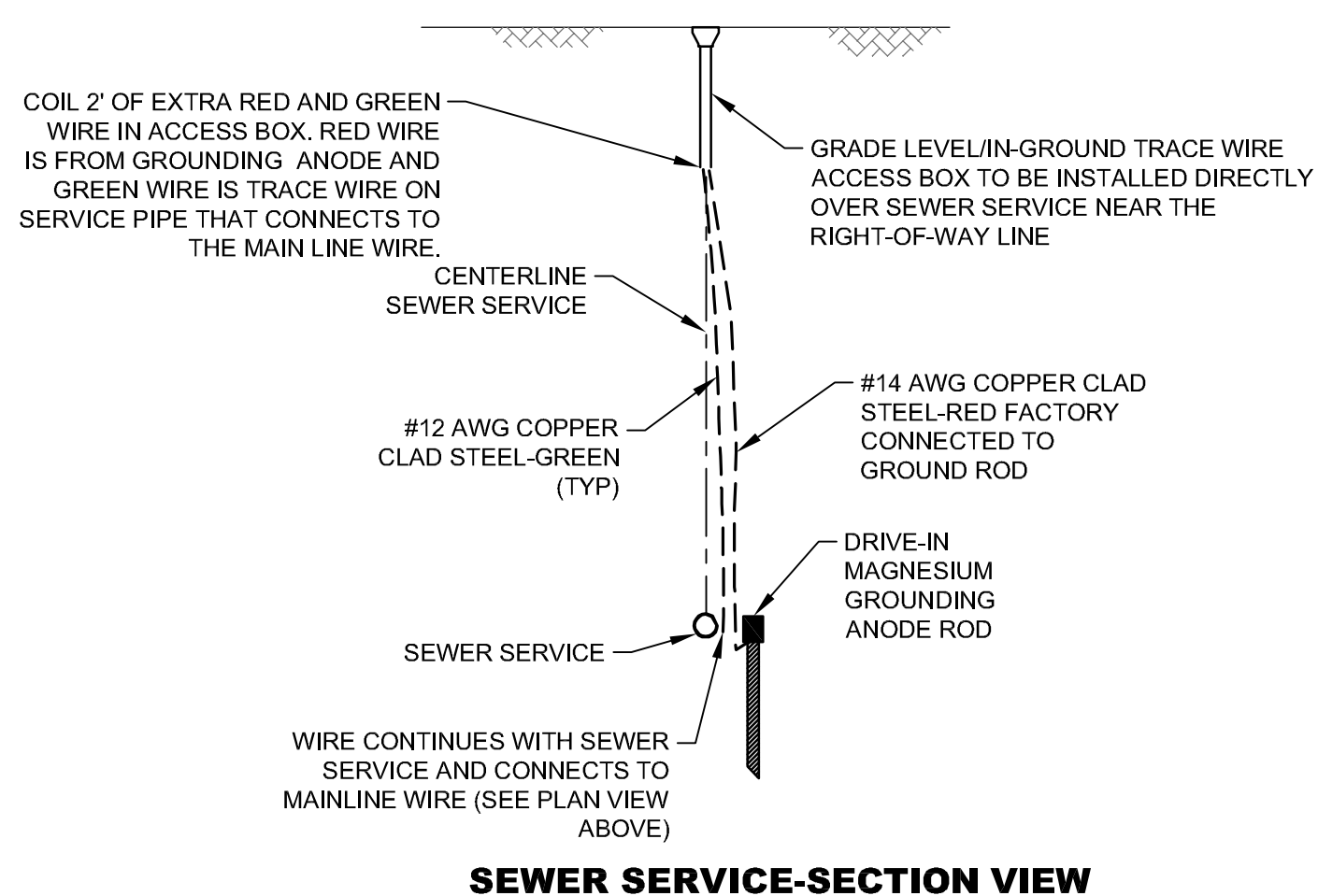
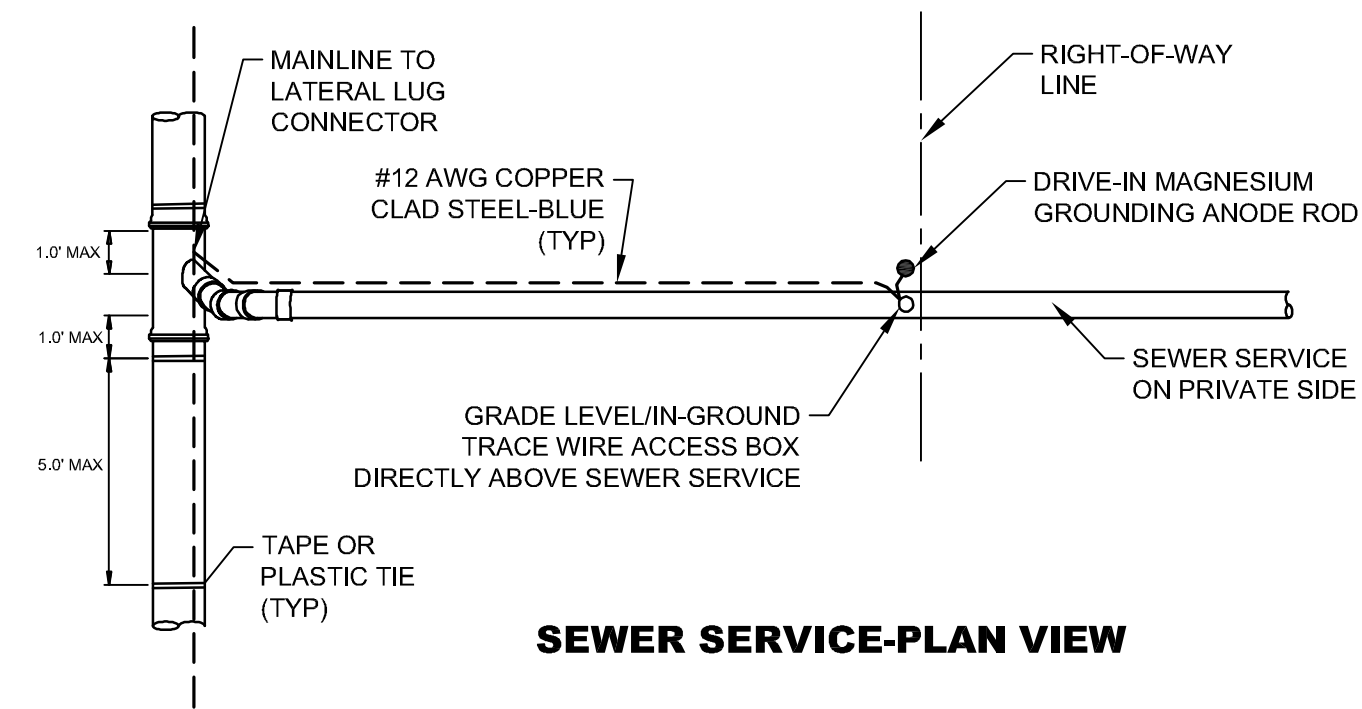
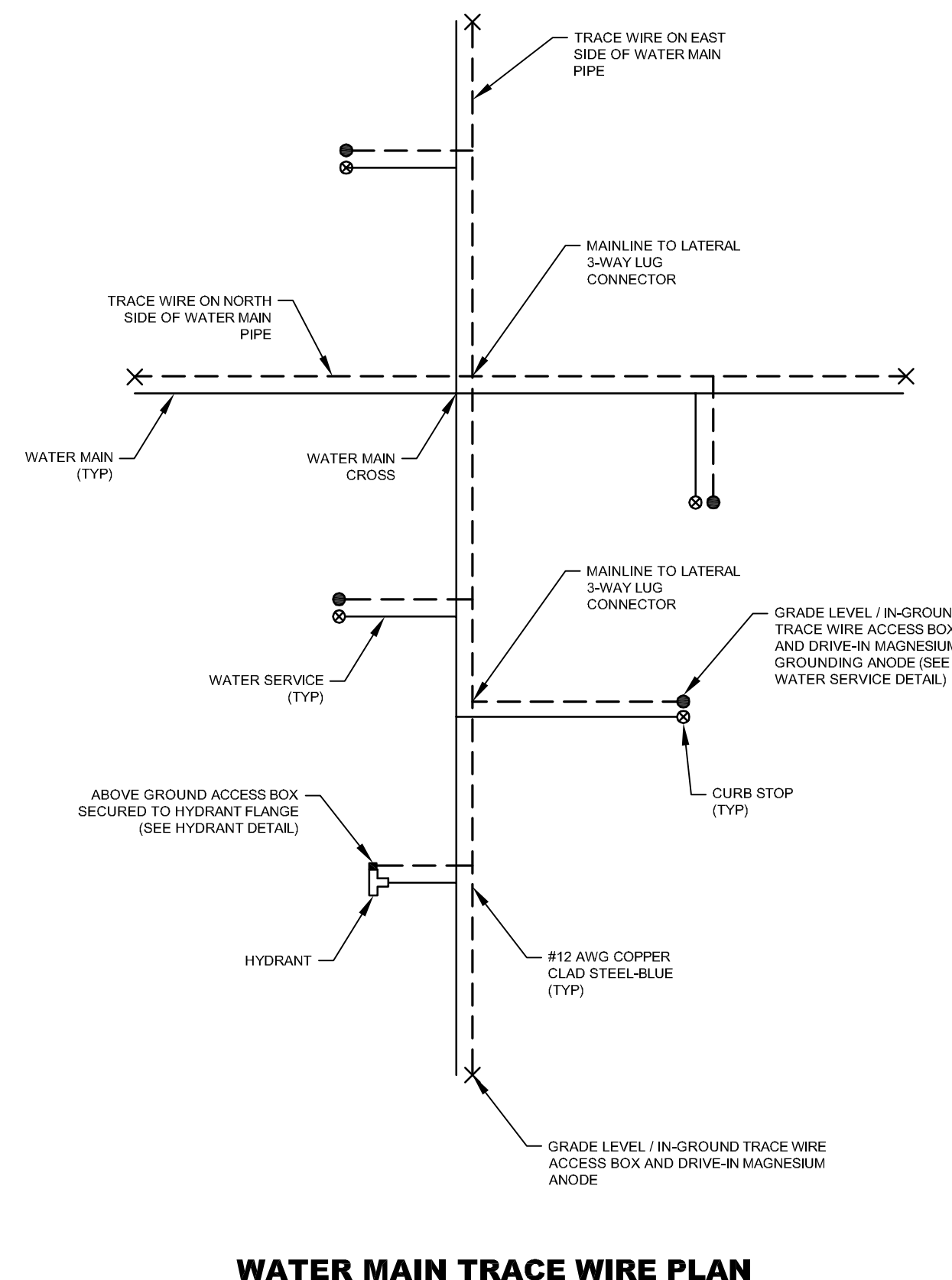
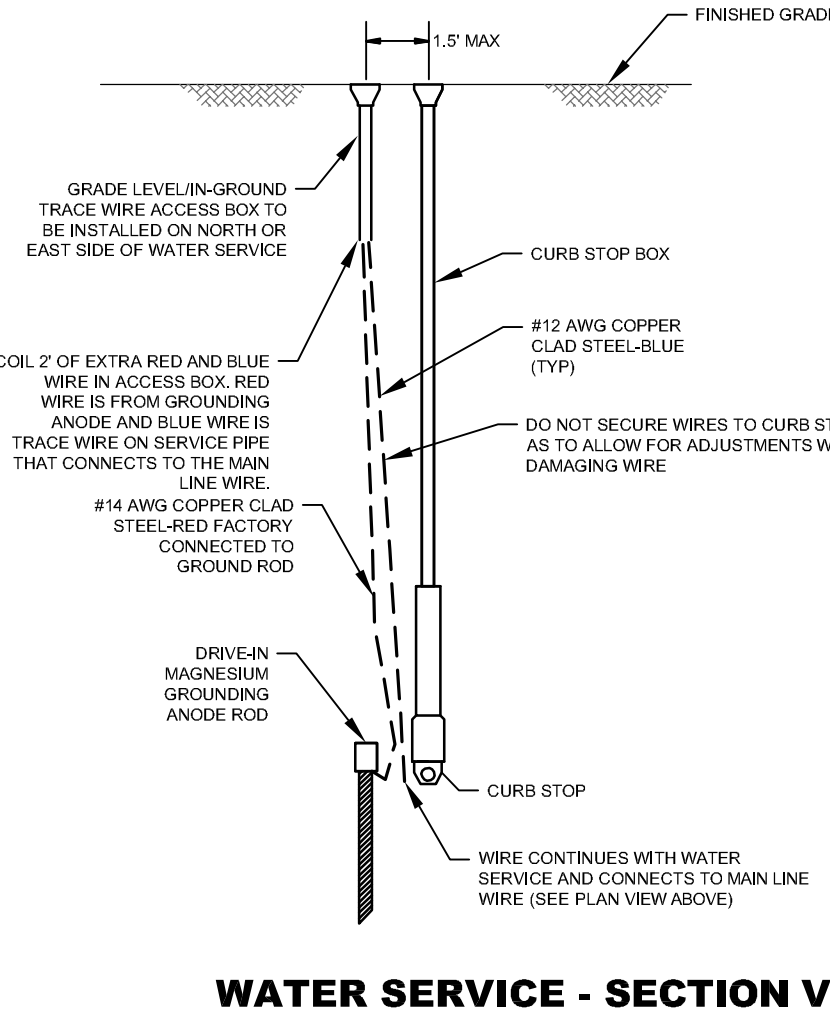
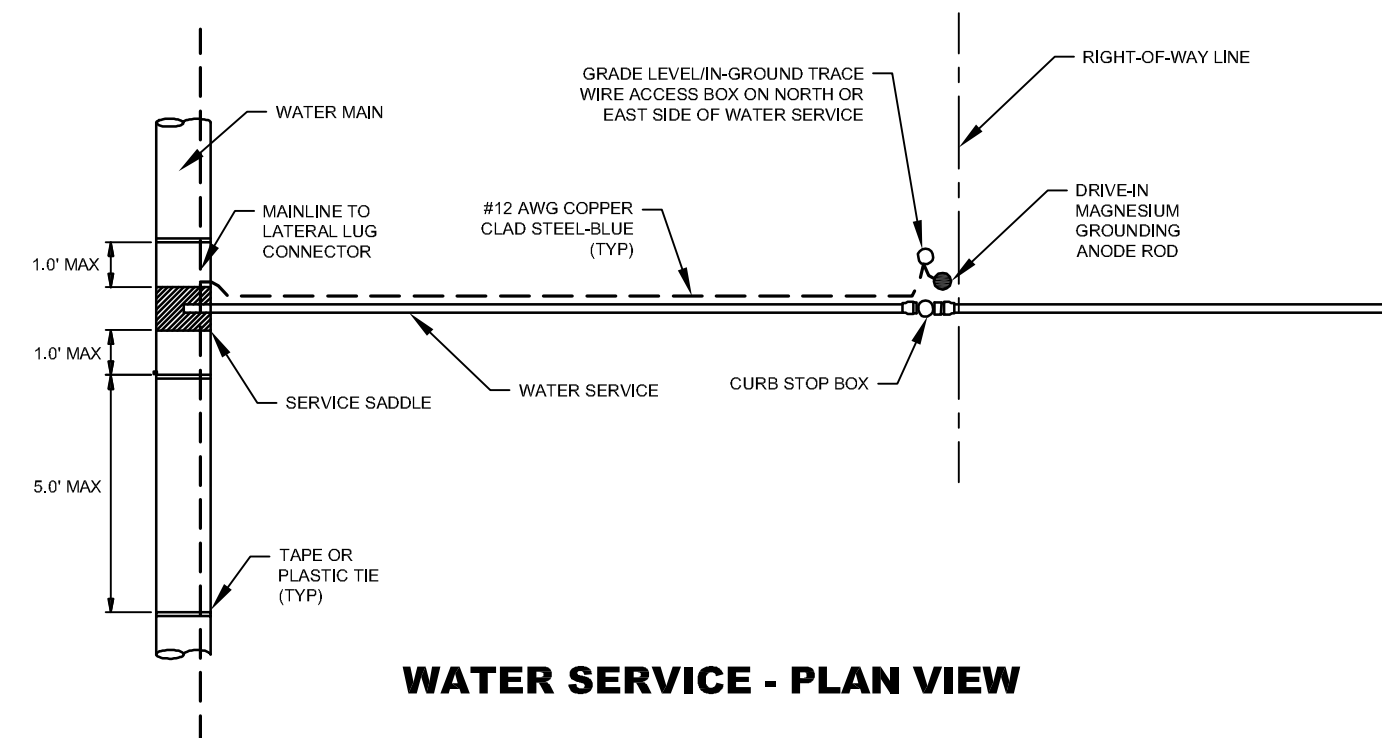
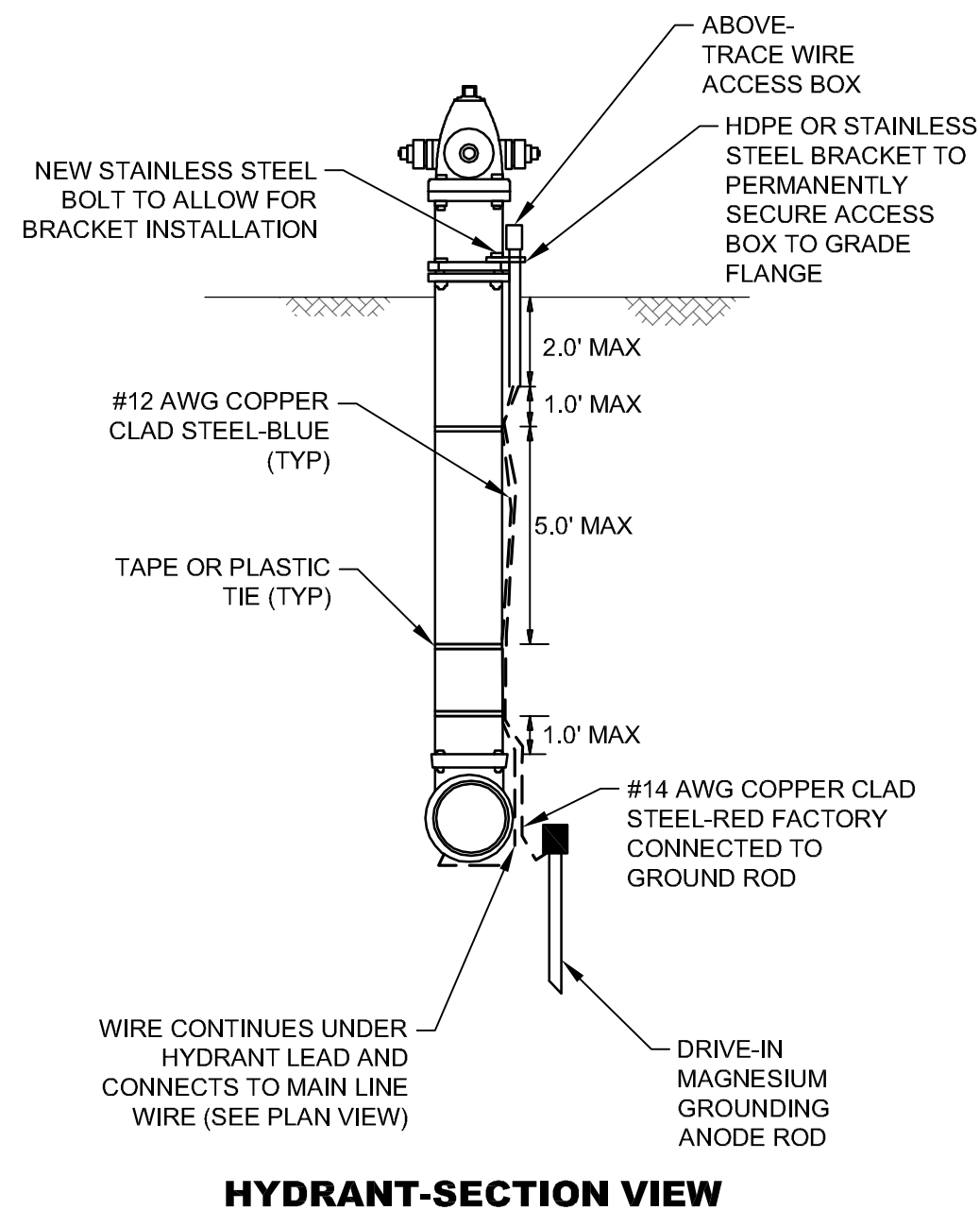
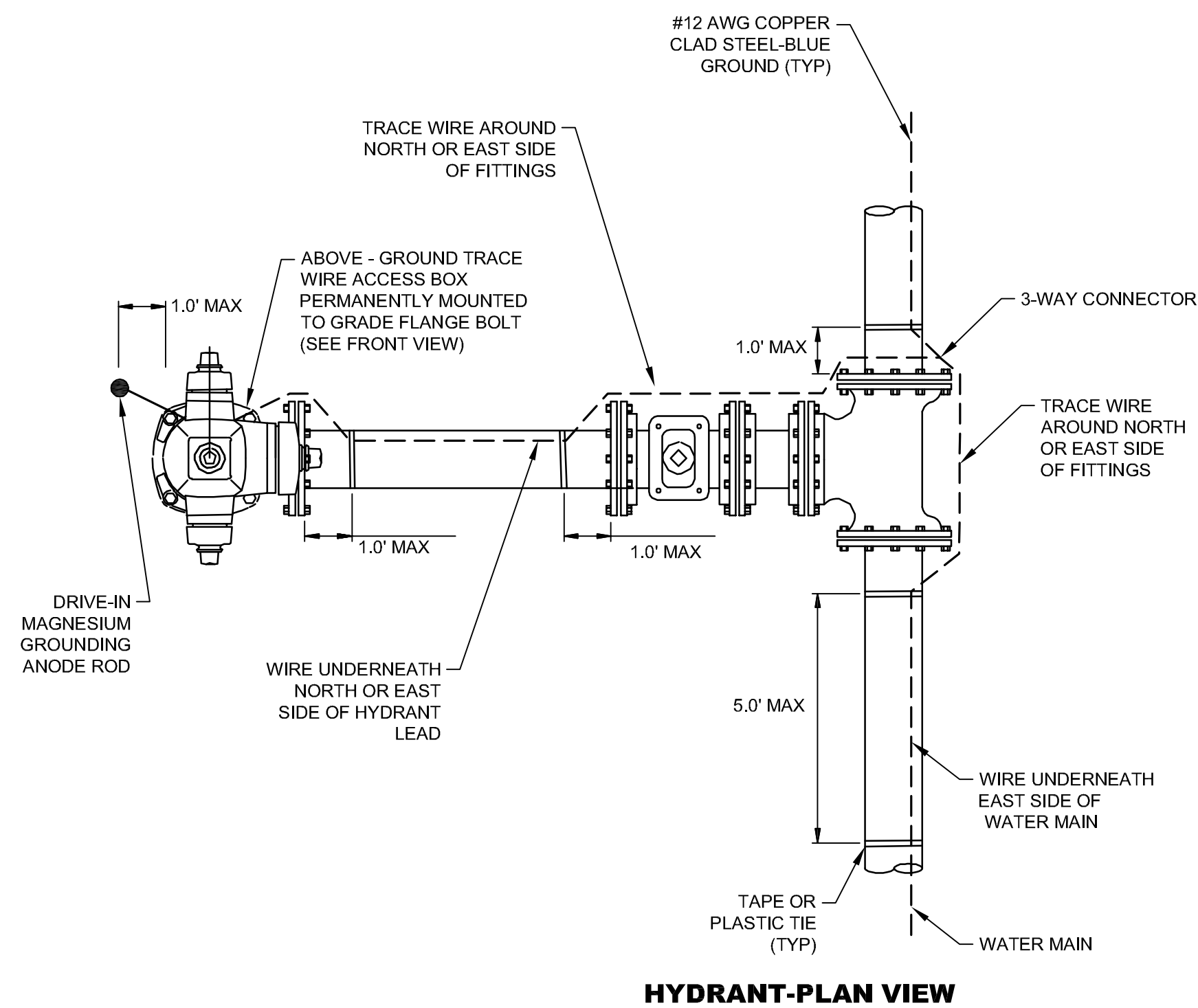


PLAN



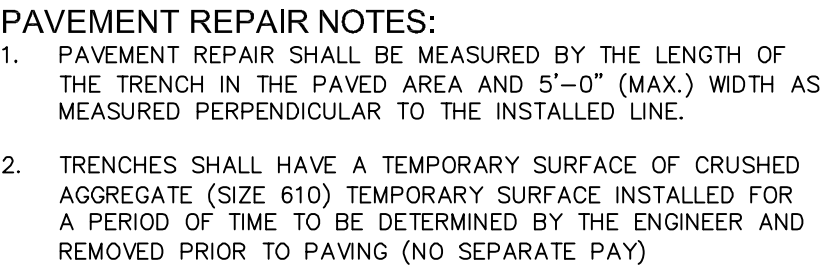
PLAN

NO.	DATE	DESCRIPTION	BY
WATER INSTALLATION 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			
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Date: 01-22-2018		Working No. WTRD2	
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.

NO.	DATE	DESCRIPTION	BY
TRACER WIRE 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: SLS		Checked by: KDW	Scale: NONE
Date: 01-22-2018		Working No. TWD1	
Drawing No.: 11254		Sheet No. 19	



The diagram illustrates a cross-section of a road repair project. The central area, labeled 'BASE FAILURE', shows a cross-section of the existing road structure. The top layer is 'REMOVE EXIST. ASPHALT PAVEMENT'. Below this is a layer of '1 1/2" HOT MIX ASPHALT, ST, 9.5mm MIX'. The bottom layer is 'EXIST. SUBGRADE TO BE REMOVED AS NECESSARY TO REPAIR SUBGRADE, REPLACE WITH A MIN. OF 6" 610 CRUSHED AGGREGATE COMPACTED TO 95%'. The existing subgrade is shown as a hatched area. The repair area is defined by 'LIMIT OF REMOVAL' lines on both sides. The width of the repair area is indicated as '1'-0"'. The existing subgrade on the left and right is labeled 'EXIST. SUBGRADE TO REMAIN IN PLACE'. The new asphalt layers are labeled '2 1/2" HOT MIX ASPHALT, ST, 19mm MIX'. The diagram also shows 'SAW CUT (FULL DEPTH OF EXIST. ASPHALT)' on both sides of the repair area.

VARIES (MATCH EXIST.)

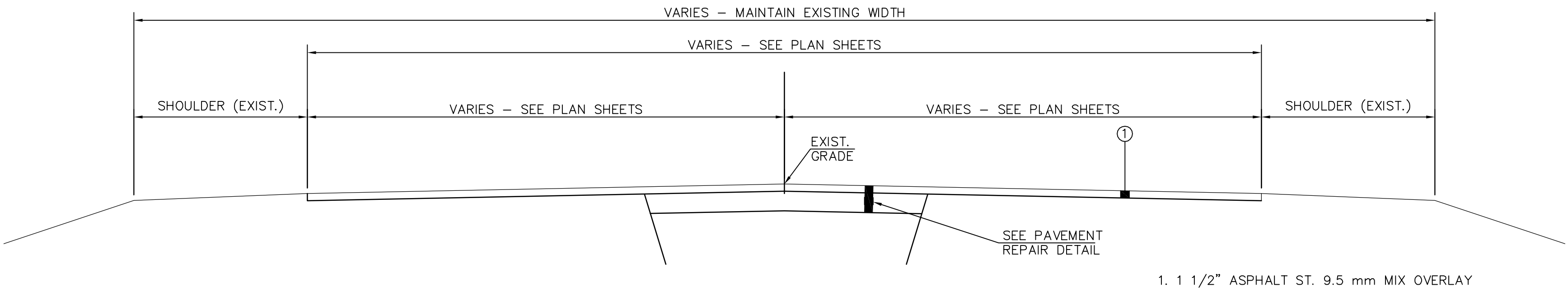
10'-0"

30°

EDGE OF ROADWAY

- 1 1/2" ASPHALT, ST, 9.5mm MIX
- 2 1/2" ASPHALT, 19mm MIX
- 6" CRUSHED AGGREGATE (SIZE 610) COMPACTED TO 95%
- EXISTING SUBGRADE AND/OR FILL MATERIAL COMPACTED TO 95%

TYPICAL PAVED APRON DETAIL
REQ'D AS NOTED ON PLANS



NO.	DATE	DESCRIPTION	BY
PAVEMENT DETAILS			
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			
Drawn by: SLS		Checked by: KDW	Scale: NONE
Date: 01--22--2018		Working No. _____ PRD1 _____	
Drawing No.: 11254		Sheet No. _____ 20 _____	

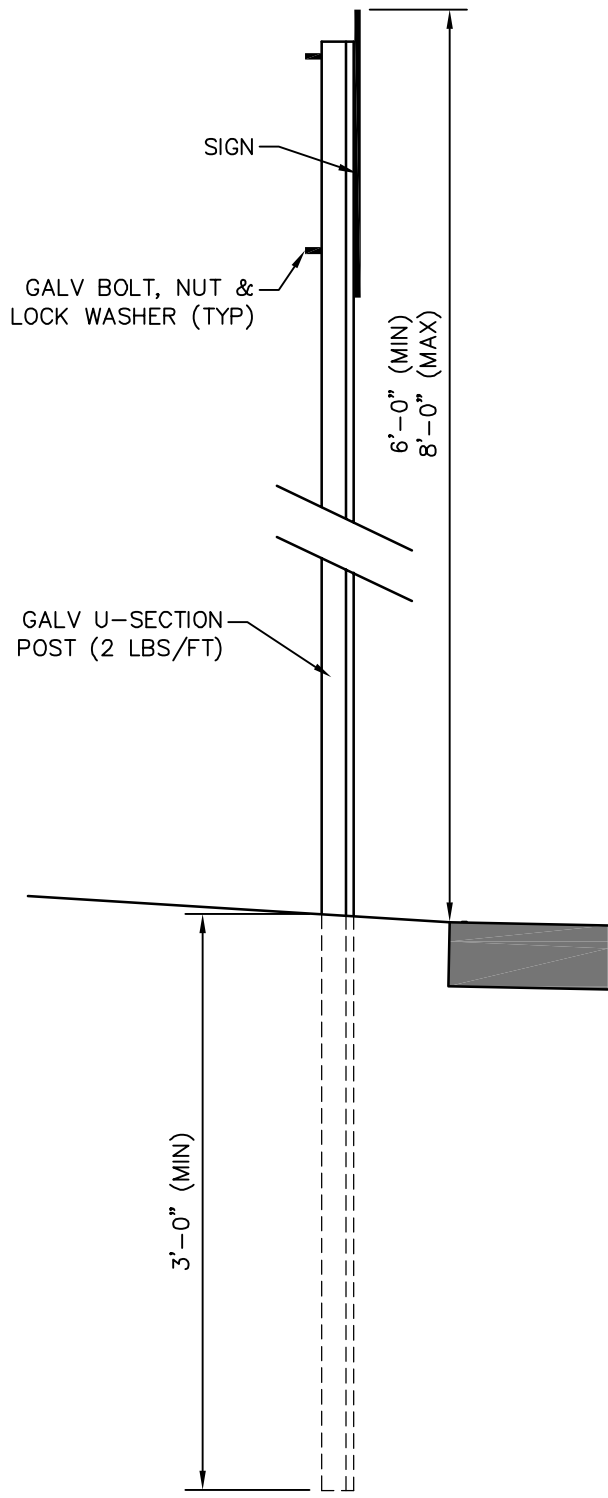
VEGETATION SCHEDULE						
EROSION CONTROL ITEMS		SEASONAL APPLICATIONS - DATES & RATES				REQUIREMENTS
		SPRING & SUMMER		FALL & WINTER		
	ITEMS	RATES	DATES	RATES	DATES	
	TOPSOIL FOR SLOPE TREATMENT (LVM)	4" THICK	MARCH 1 TO SEPTEMBER 1	4" THICK	SEPTEMBER 1 TO MARCH 1	TOPSOIL REQUIRED ON SLOPES DETERMINED 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

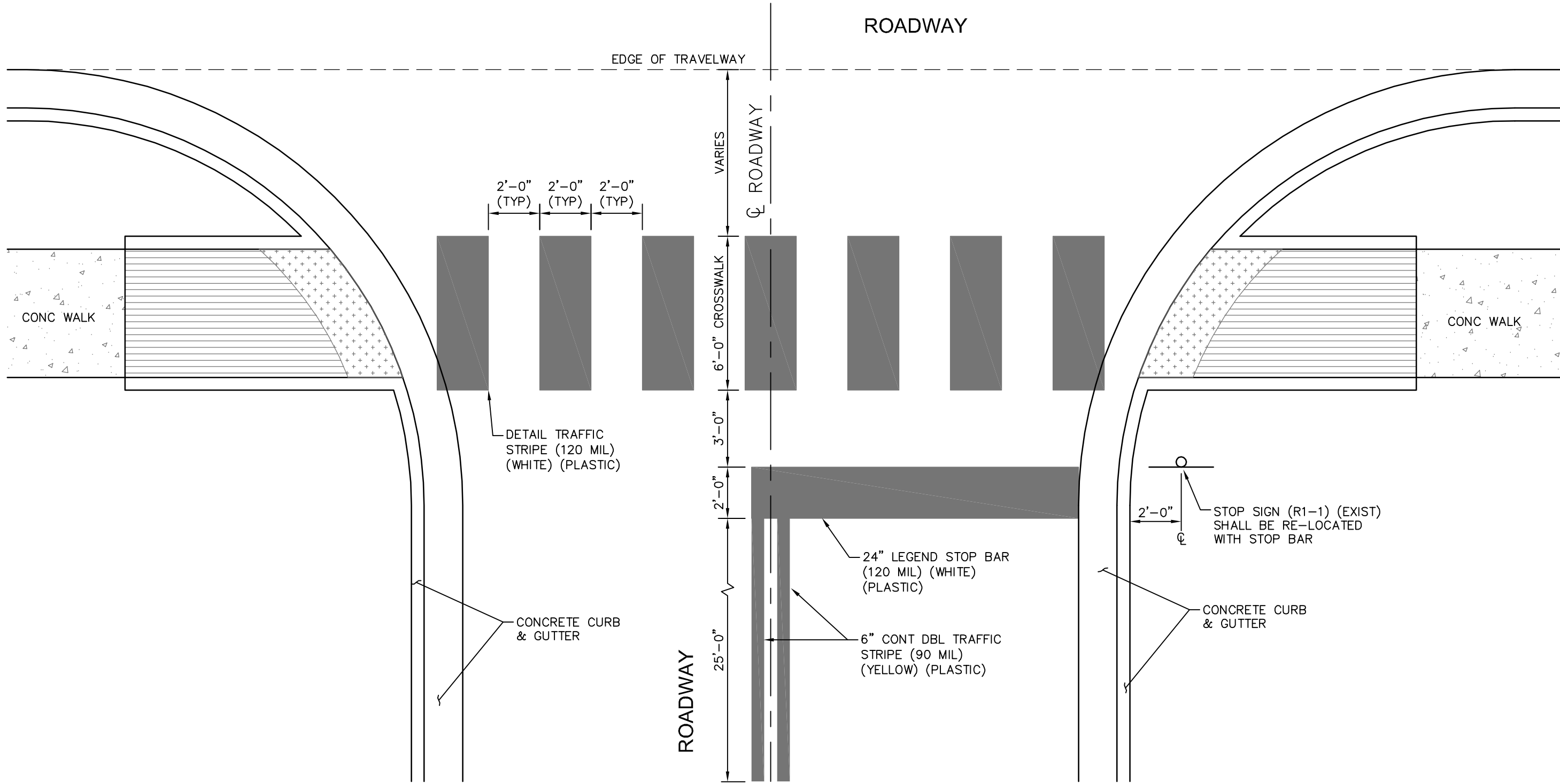
TEMPORARY EROSION CONTROL ITEMS REQUIRED FOR DETOURS

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 SIEDRAIN 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)

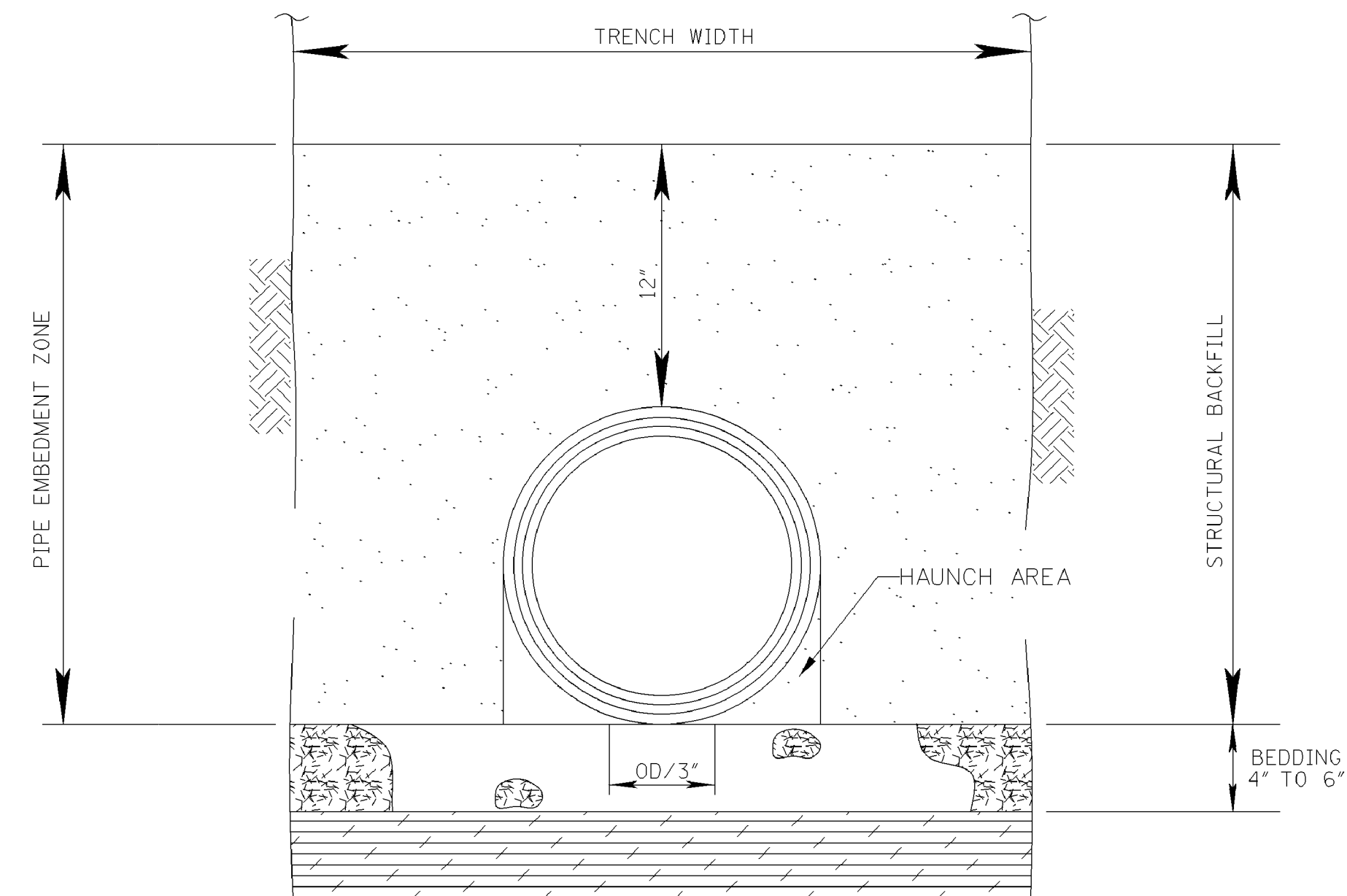
TABLE 3: RECOMMENDED TRENCH WIDTH

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	
					WORKING NUMBER HDPE-1	
				DATE	FILENAME: _____	SHEET NUMBER 22
					DESIGN TEAM	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

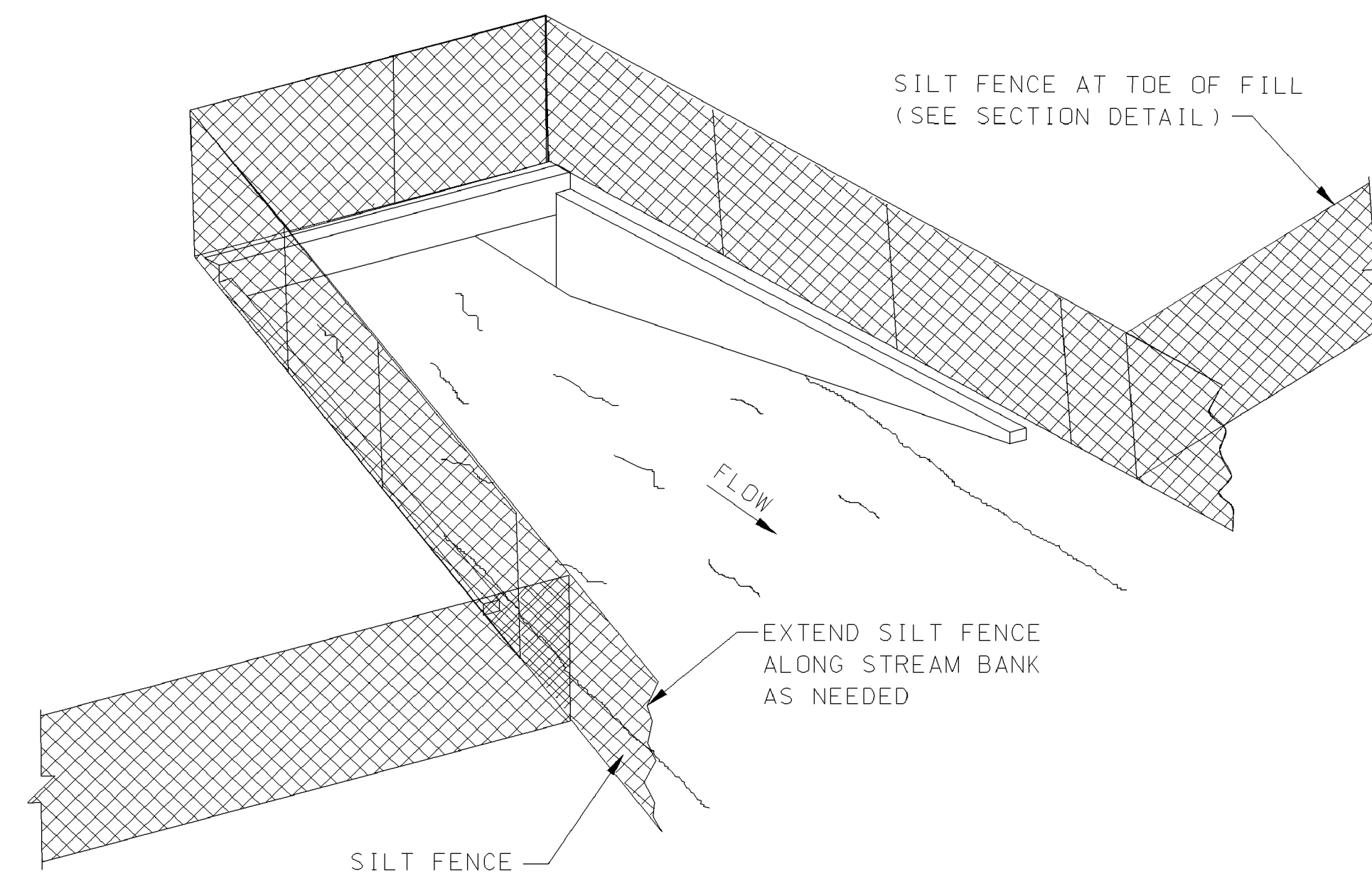
WATERCOURSE CROSSING
THE PROJECT SITE
(SEE ECD-16 FOR
TEMPORARY STREAM CROSSING)

EROSION CONTROL
VEGETATION OR
OTHER COVER

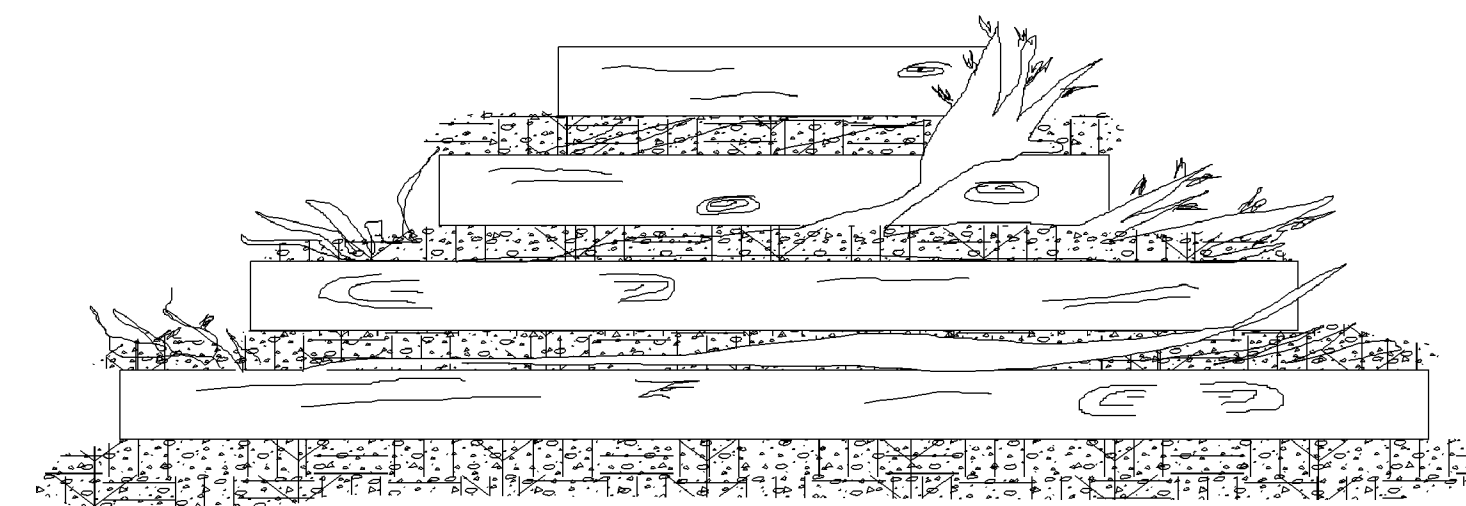
MATERIAL STOCKPILE
SEDIMENT BARRIER

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
TYPICAL TEMPORARY EROSION/ SEDIMENT CONTROL APPLICATIONS	
WORKING NUMBER ECD-1	SHEET NUMBER 23
FILENAME: EROSION CONTROL\ECD-1.DGN	
DATE	CHECKED
DESIGN TEAM	DATE

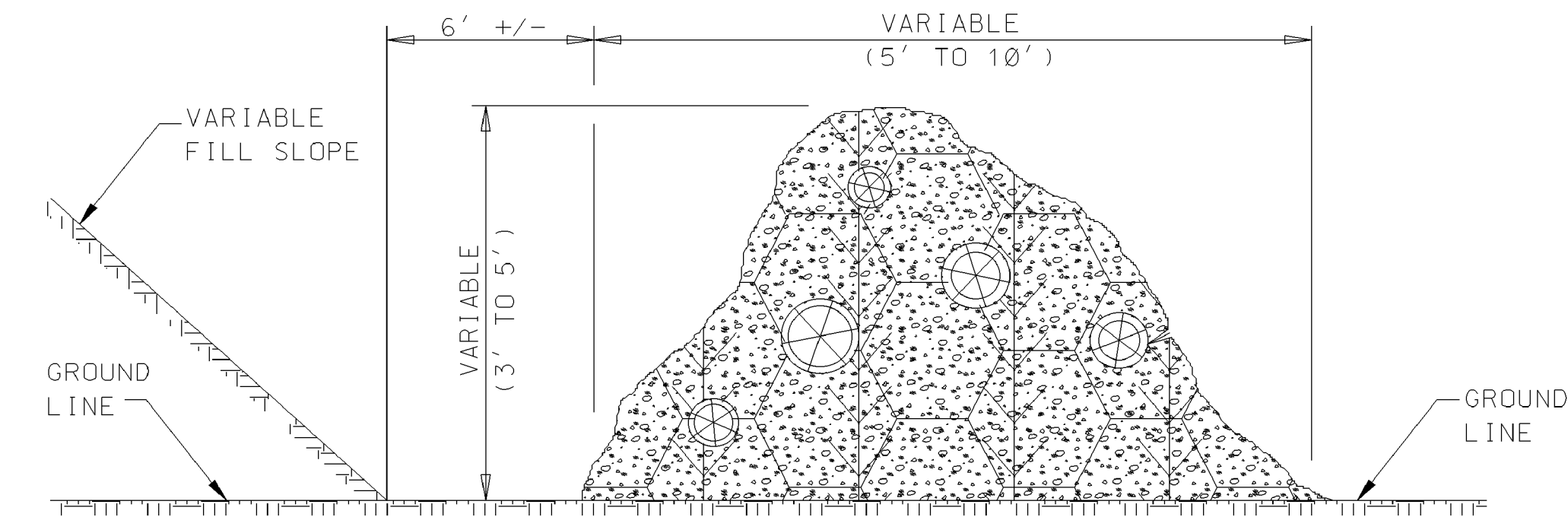
STATE	PROJECT NO.
MISS.	



SEDIMENT BARRIER AT CROSS DRAIN



FRONT ELEVATION



SIDE ELEVATION

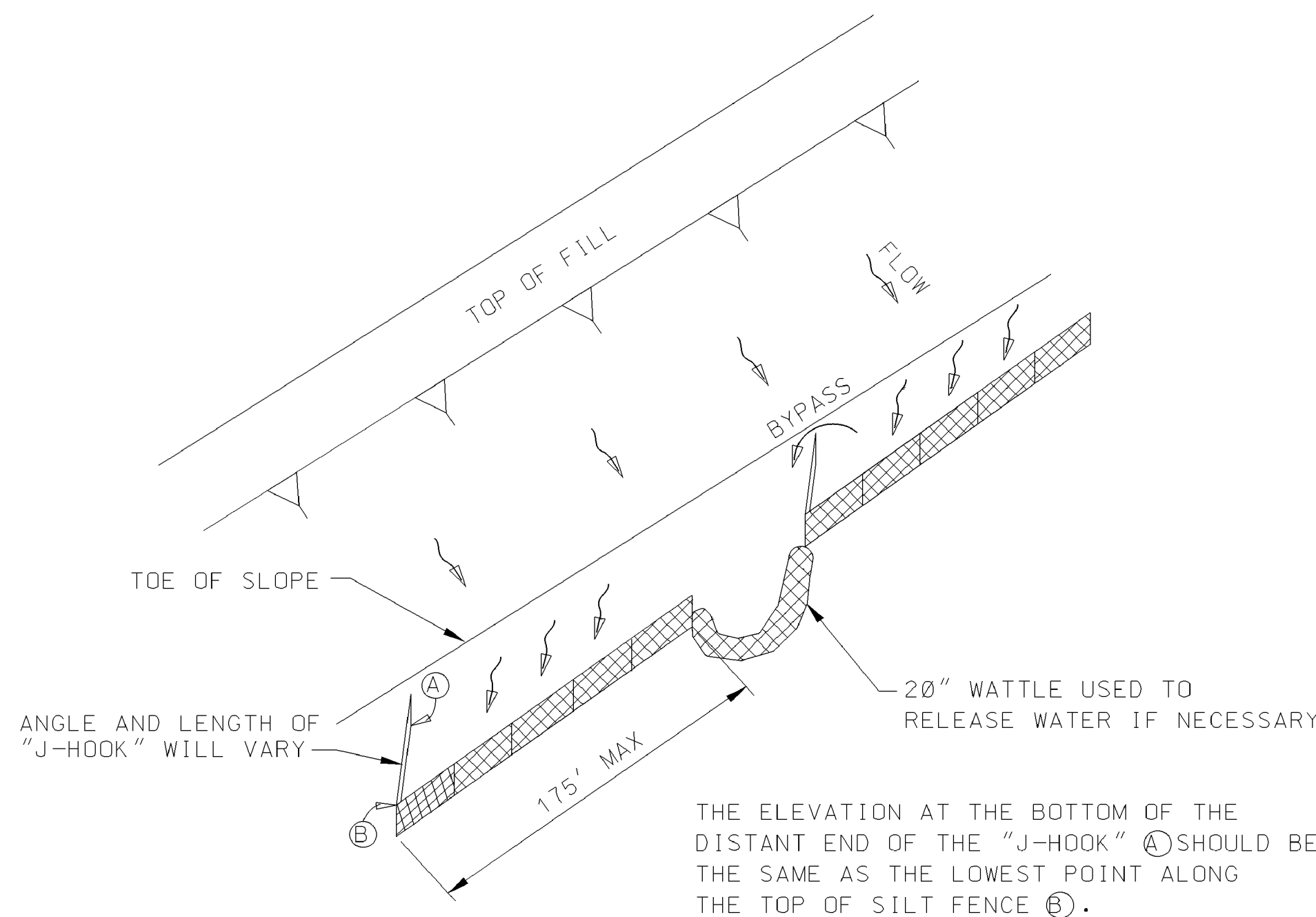
TEMPORARY BRUSH BARRIER

NOTES:

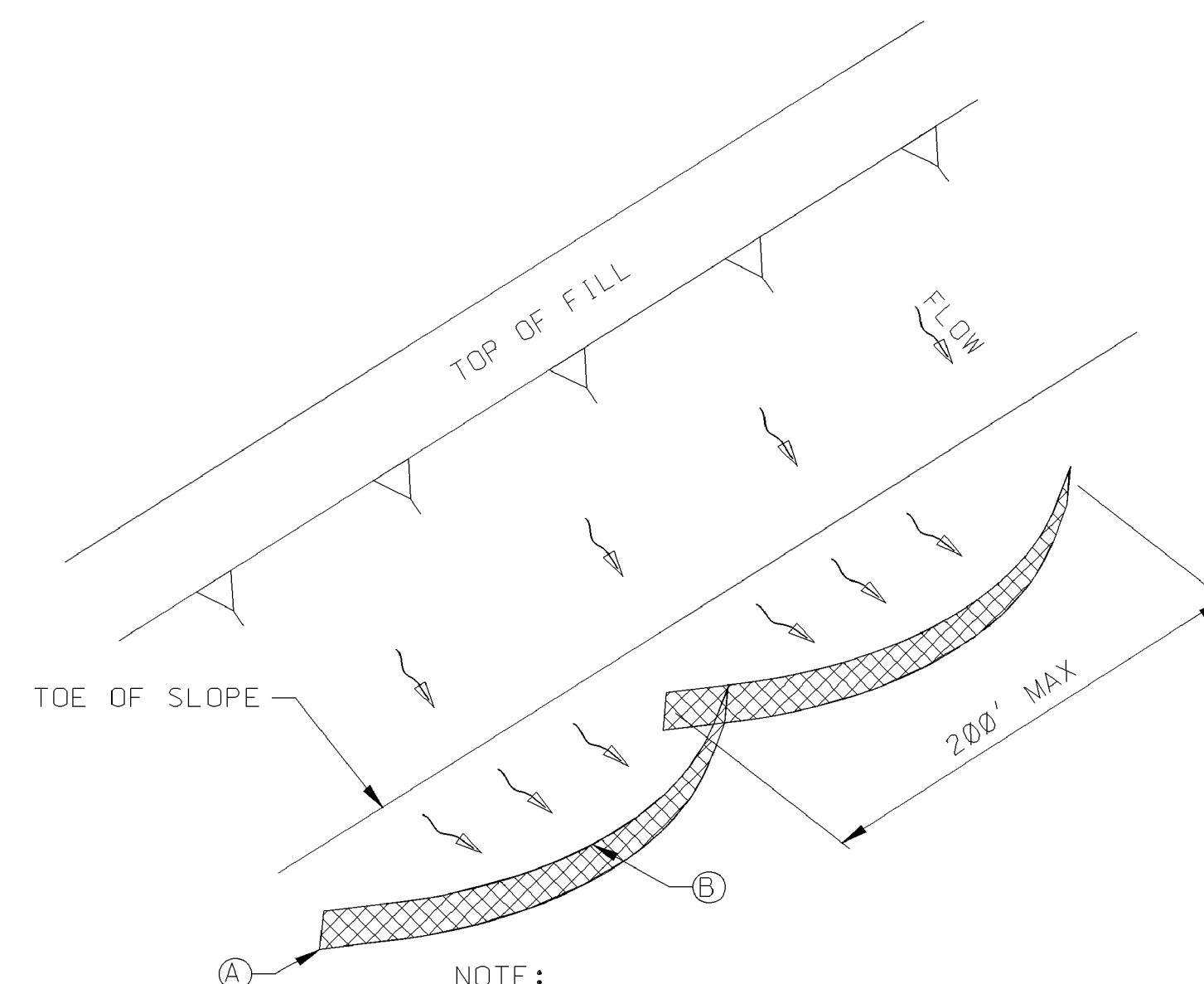
1. BRUSH BARRIER MAY BE USED WHERE NATURAL GROUND IS LEVEL OR SLOPING AWAY FROM PROJECT.
2. PLACE BRUSH, LOG AND TREE LAPS APPROXIMATELY PARALLEL TO TOE OF FILL SLOPE WITH SOME OF THE HEAVIER MATERIALS BEING PLACED ON TOP TO PROPERLY SECURE THE BARRIER AS DETAILED AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED 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:

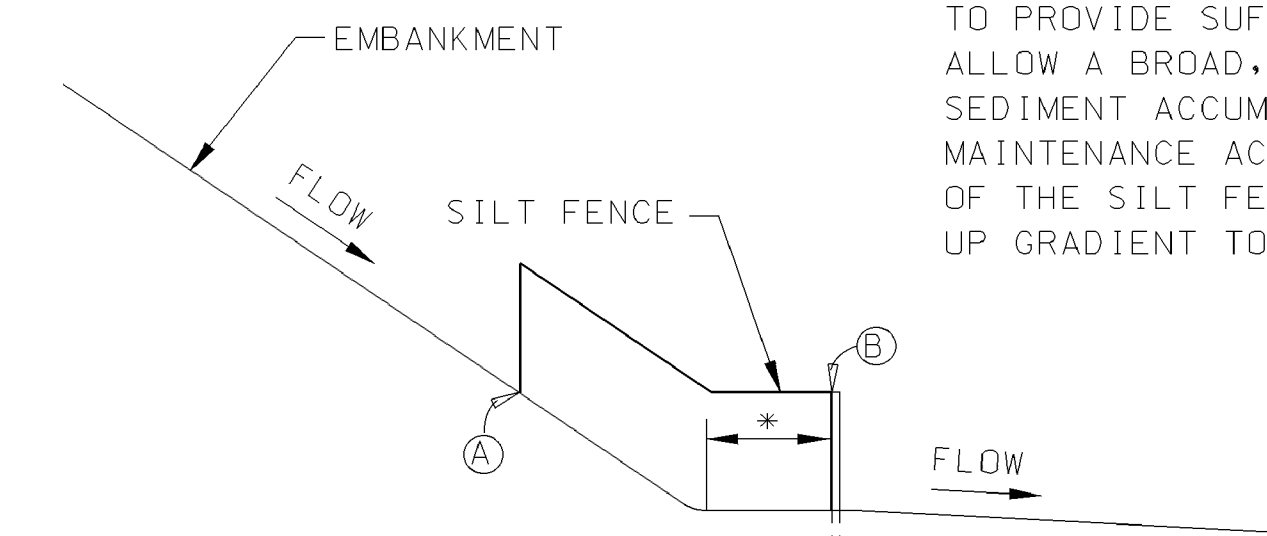
1. ANCHOR AND INSTALL SILT FENCE PER DETAILS SHOWN ON ECD-3



"J-HOOK" SILT FENCE APPLICATION



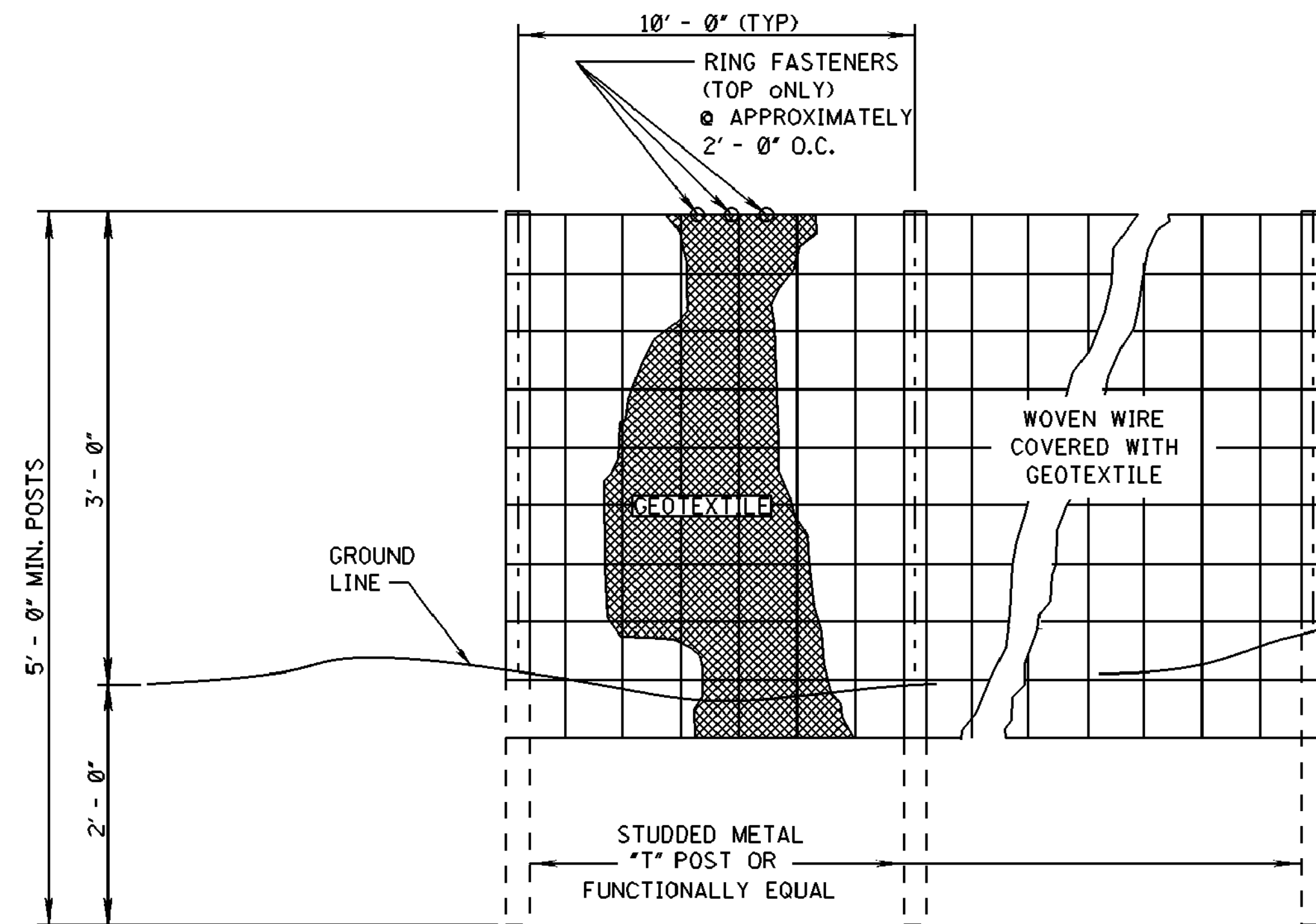
"SMILE-CONFIGURATION" SILT FENCE APPLICATION



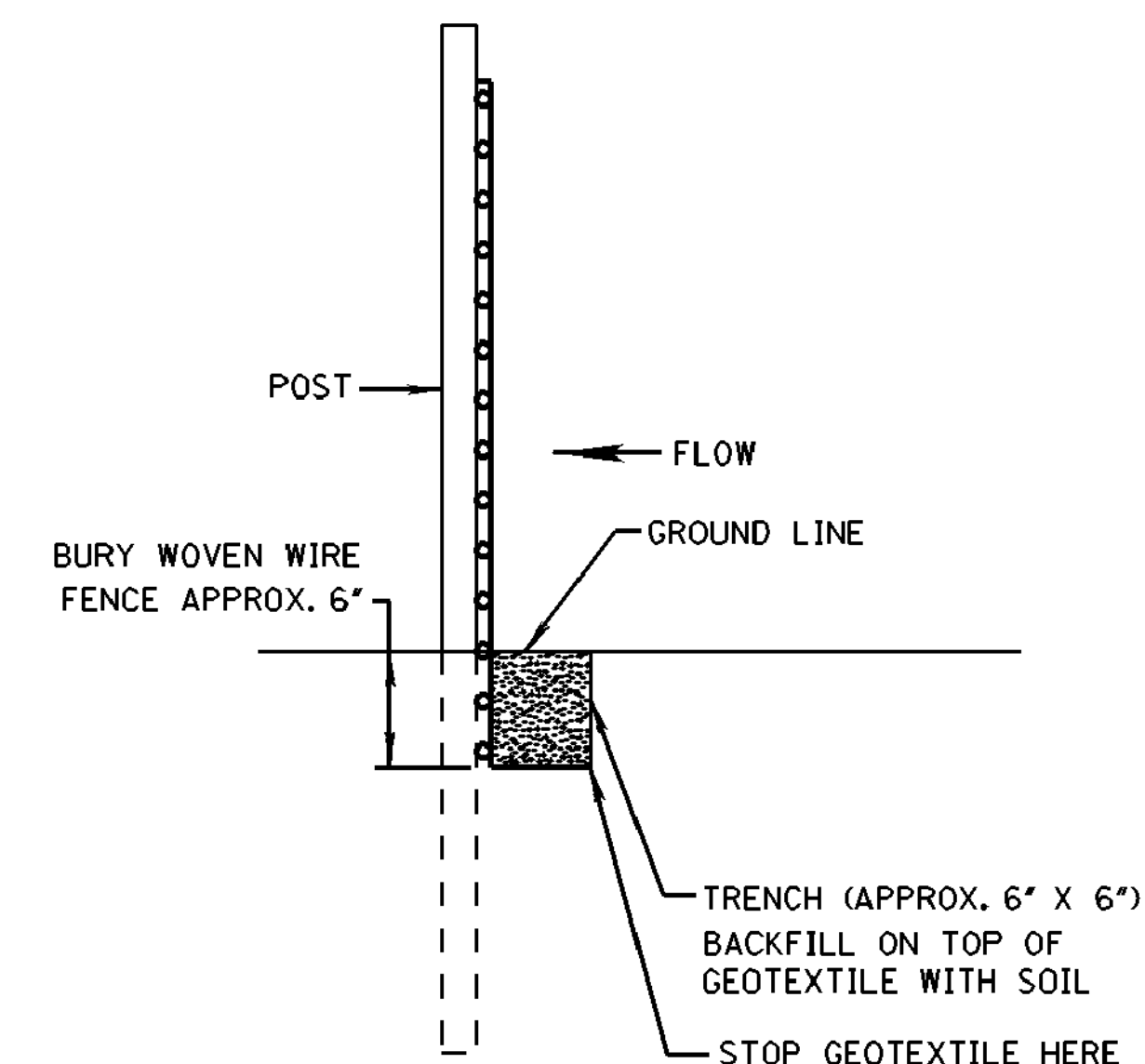
SILT FENCE SECTION AT TOE OF FILL

* 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.

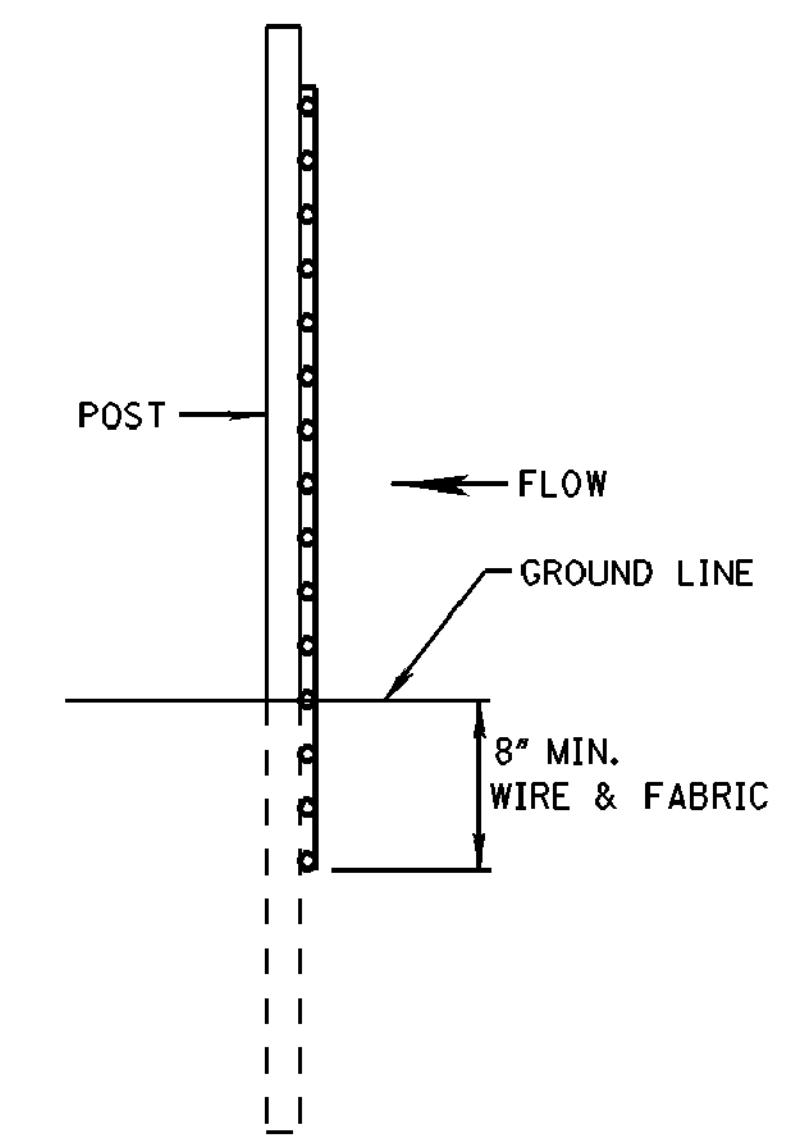
MISSISSIPPI DEPARTMENT OF TRANSPORTATION				WORKING NUMBER
DETAILS OF SEDIMENT BARRIER APPLICATIONS				ECD-2
DATE	FILENAME: EROSION CONTROL\ECD-2.DGN	SHEET NUMBER		24
DESIGN TEAM	CHECKED	DATE		



ELEVATION VIEW



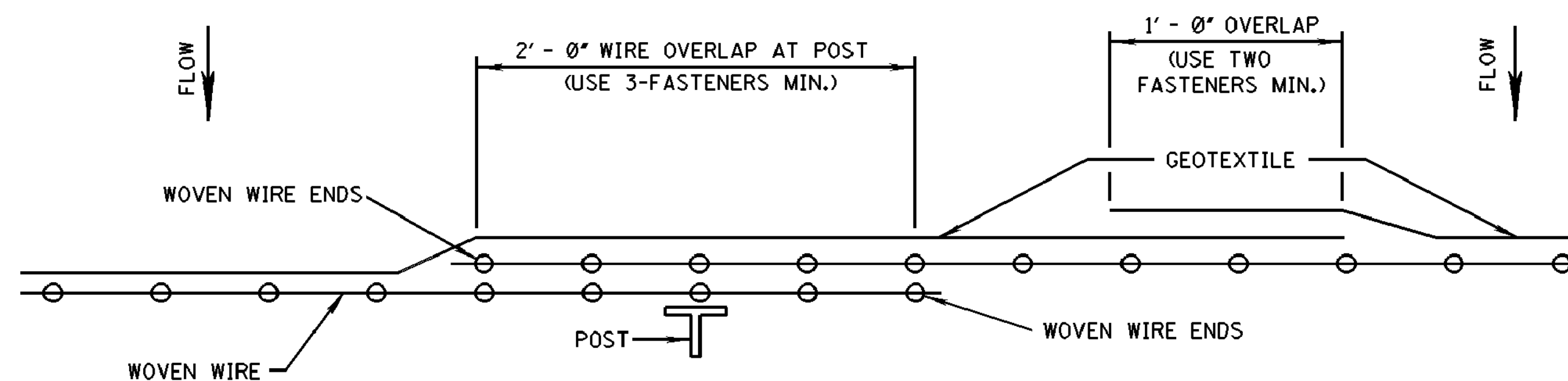
METHOD I



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.

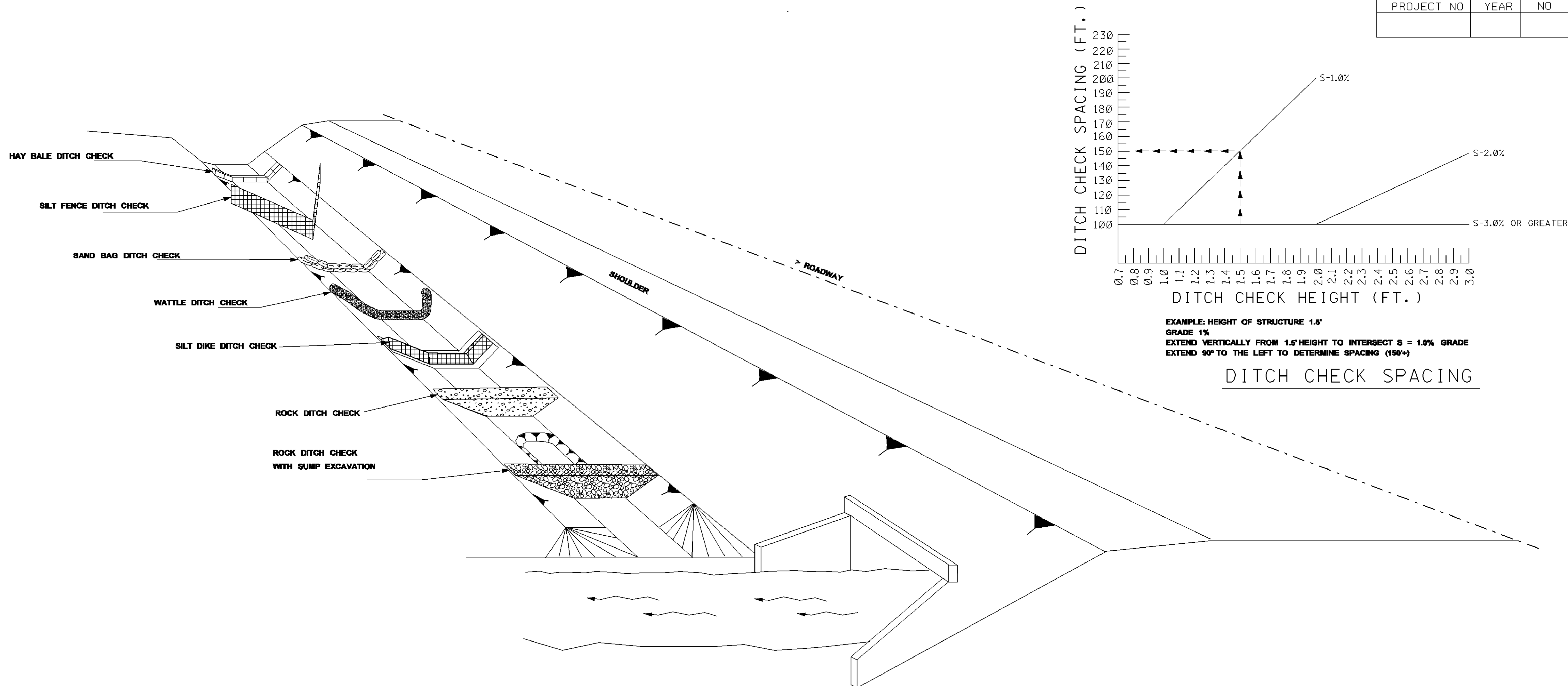


PLAN VIEW
REQUIRED LAPPING

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STATE	PROJECT NO.
MISS.	

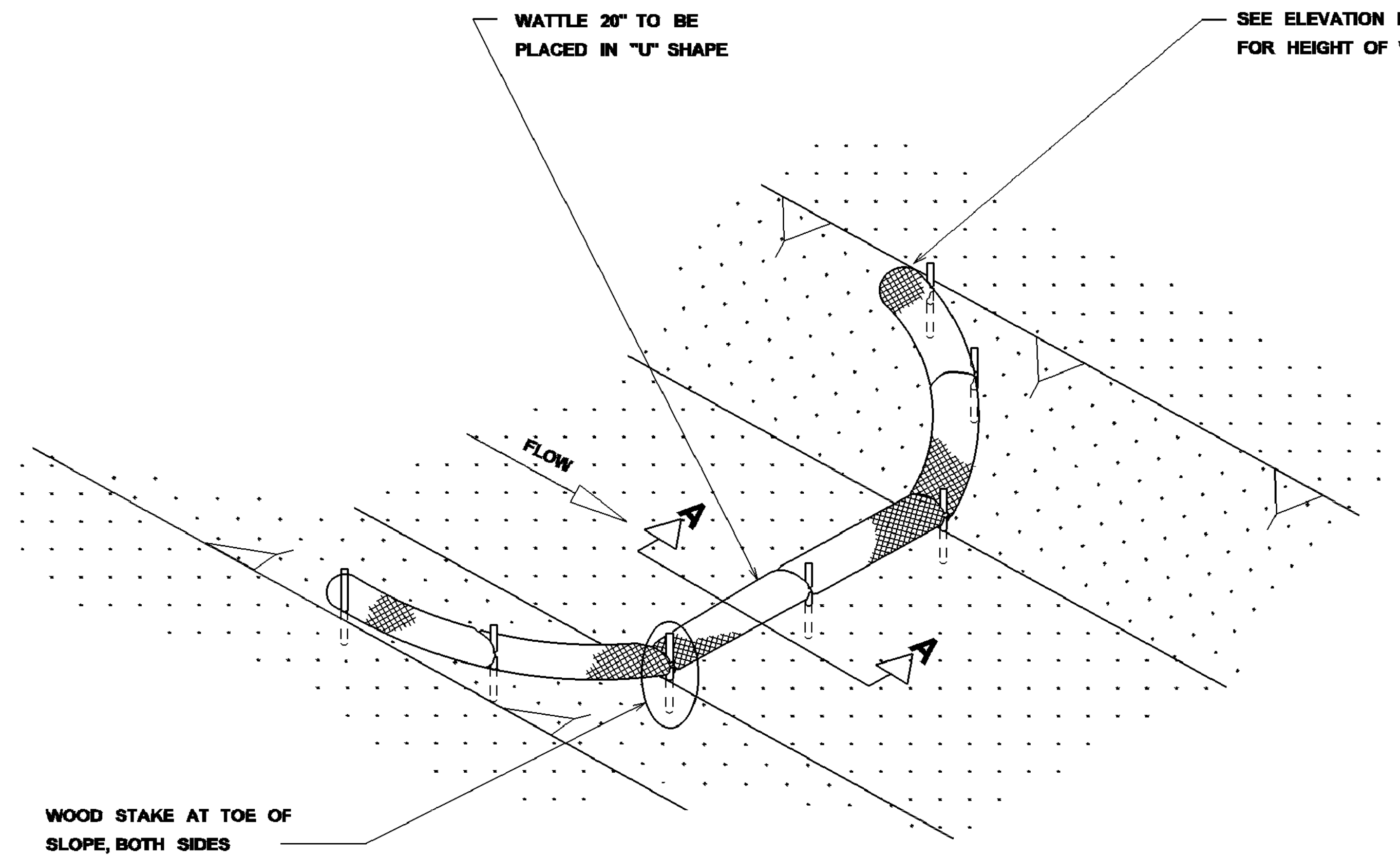
REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO



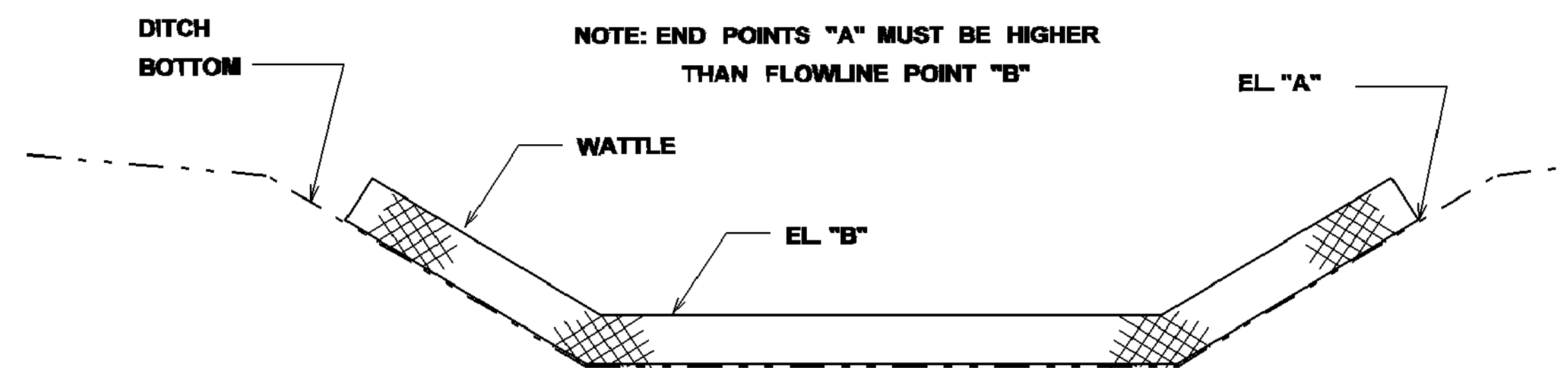
NOTES:

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



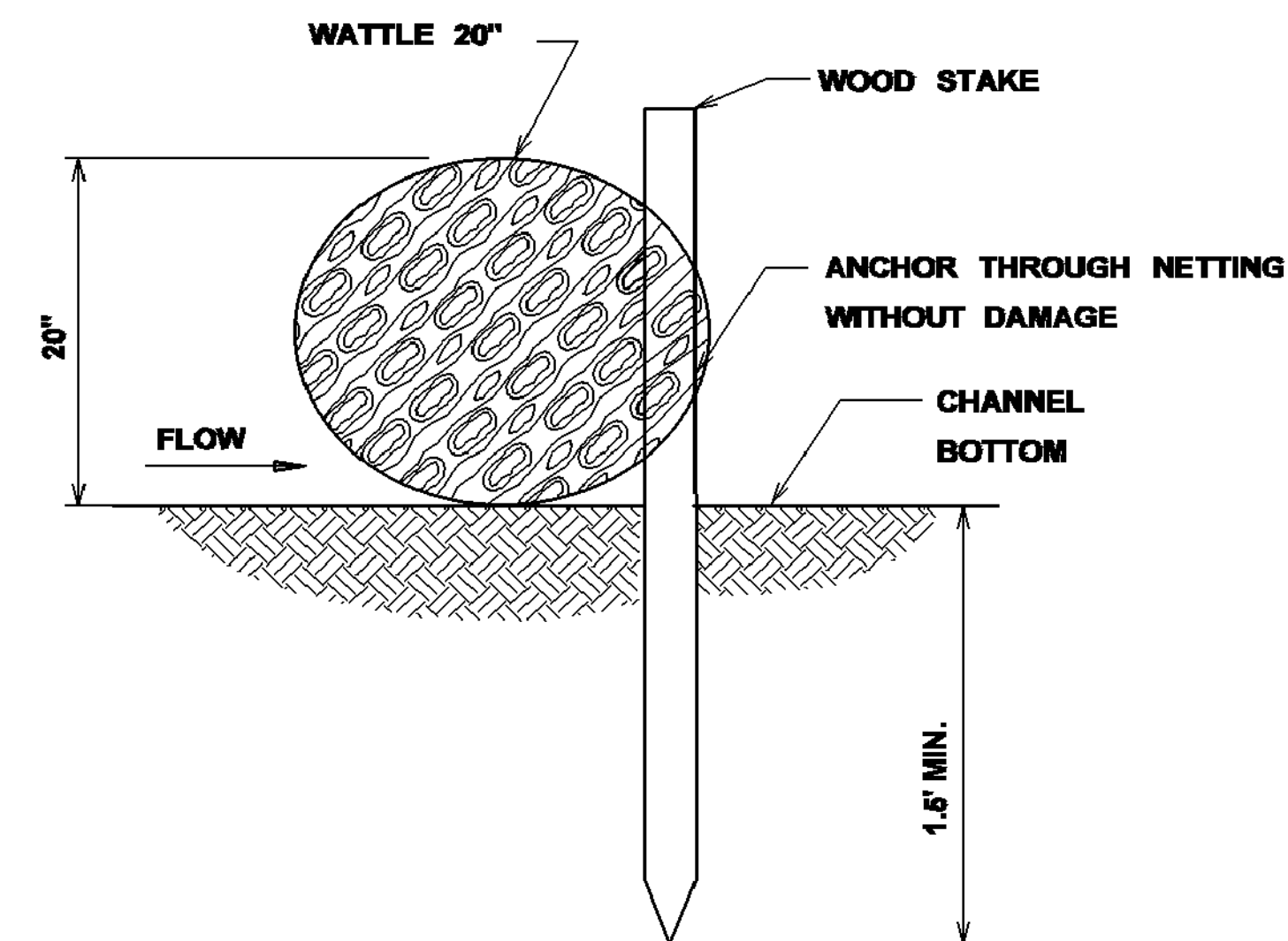
DETAIL (DITCH CHECK)



ELEVATION DETAIL

WATTLE DITCH CHECK SELECTION GUIDELINES

WATTLE DITCH CHECKS ARE APPROPRIATE FOR VELOCITY REDUCTION AND CONTROL OF SEDIMENT TRANSPORT UNDER LOW TO MEDIUM FLOW CONDITIONS.

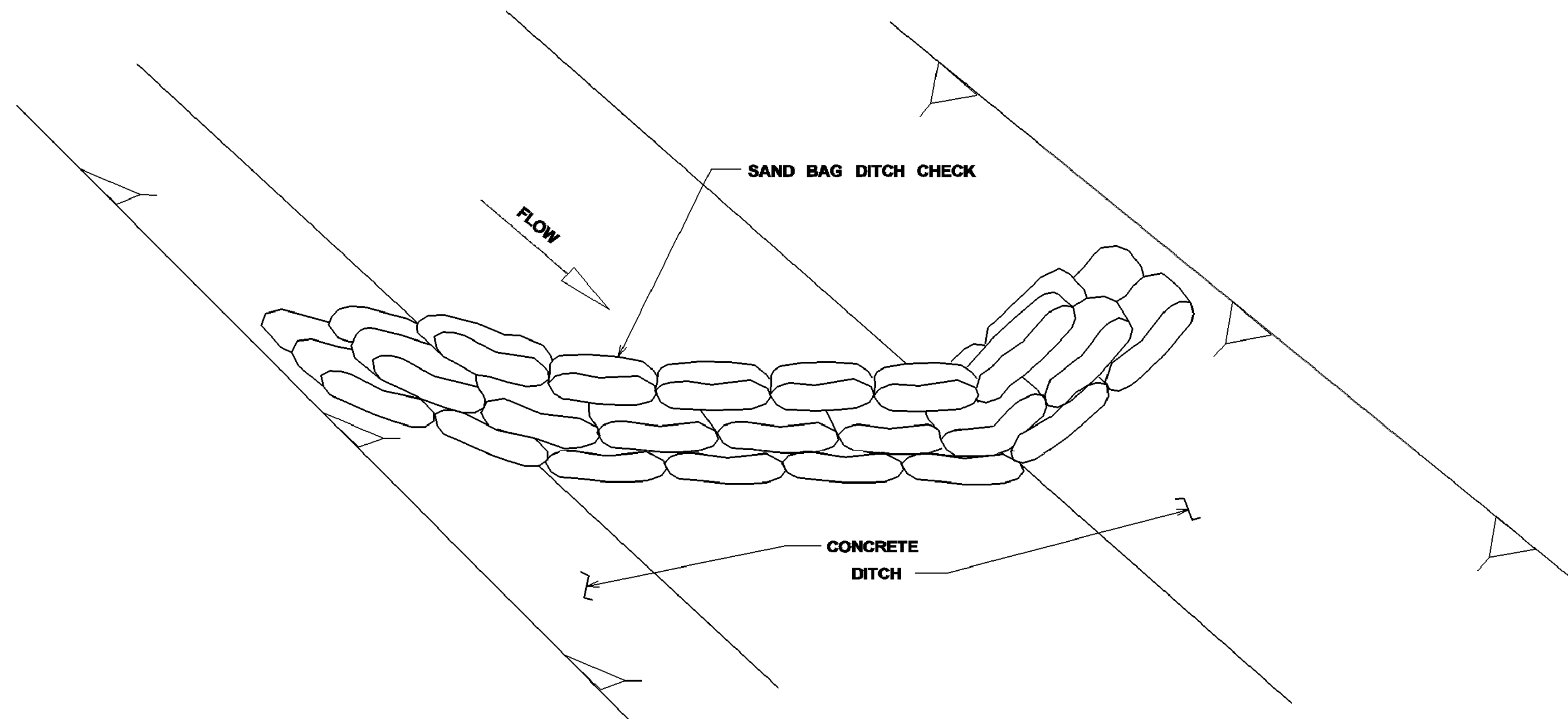


SECTION A-A

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.

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



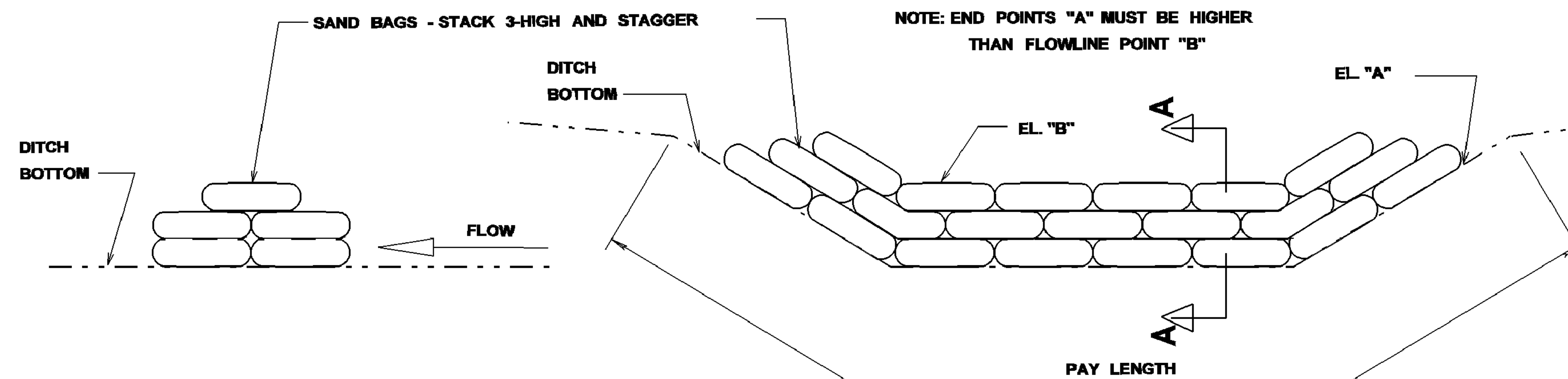
DETAIL (DITCH CHECK)

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

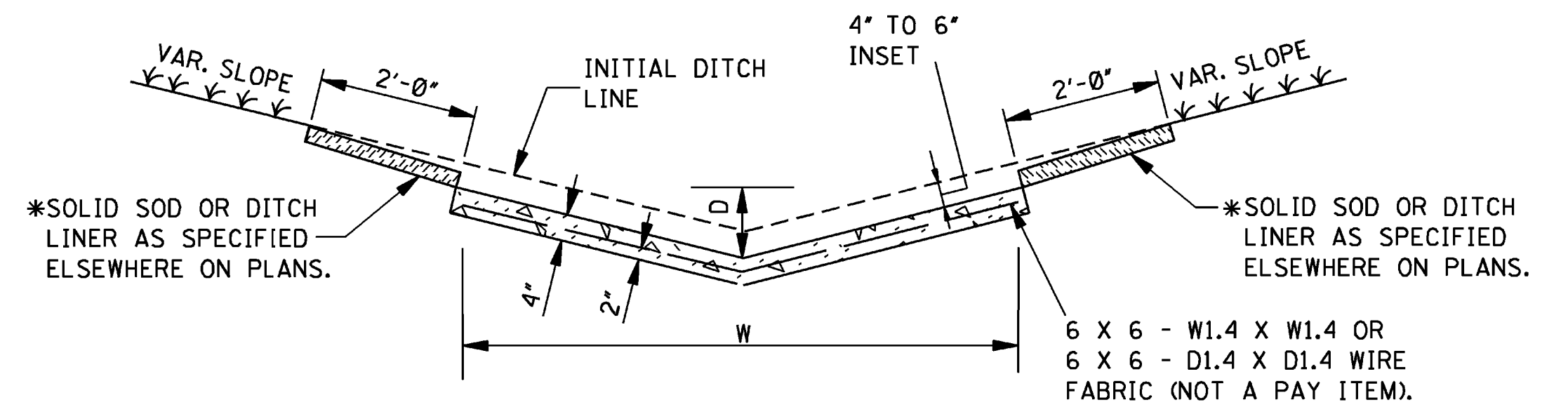
SAND BAG DITCH CHECKS ARE USED FOR VELOCITY REDUCTION AND MINIMAL SEDIMENT TRAPPING IN CONCRETE PAVED DITCHES OR IN DITCHES THAT HAVE ROCKY BOTTOMS.



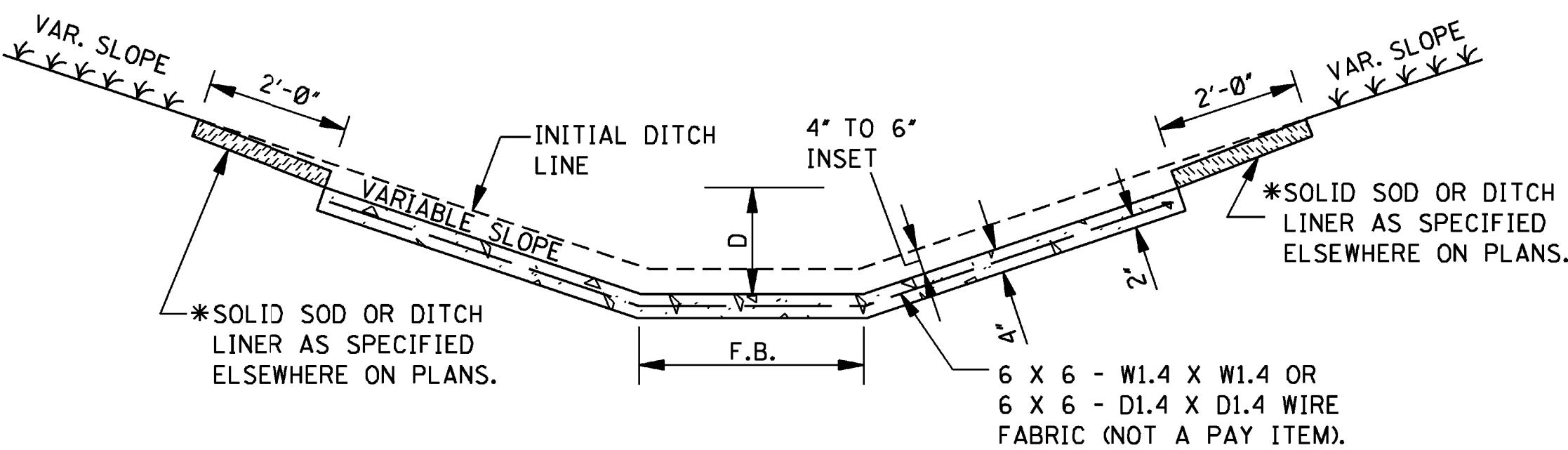
SECTION A-A

ELEVATION DETAIL

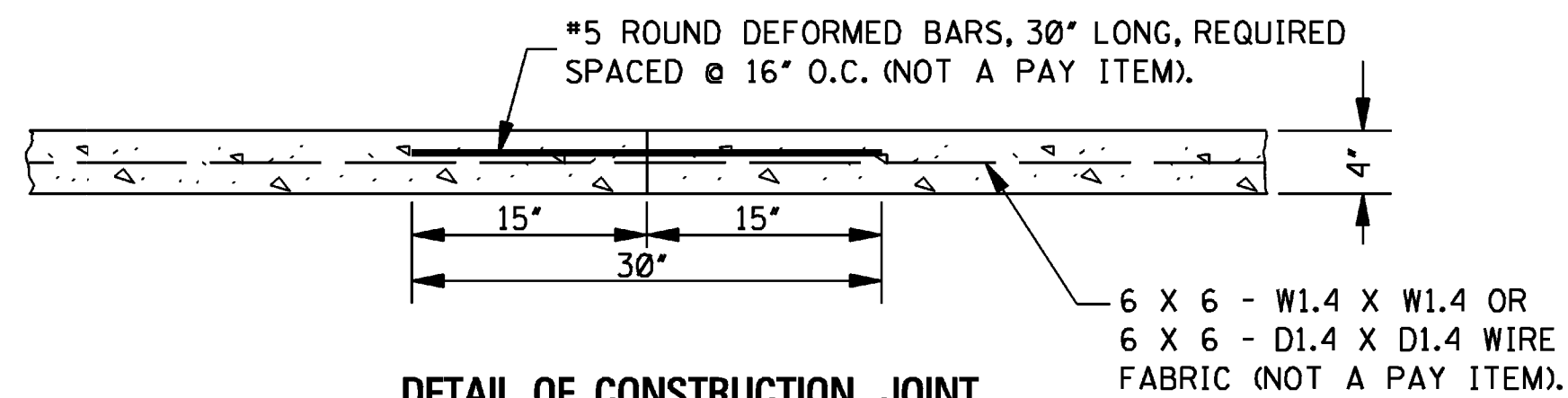
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	
DATE	FILENAME: EROSION CONTROL/ECD-20.DGN
DESIGN TEAM	CHECKED DATE
WORKING NUMBER ECD-20	
SHEET NUMBER 28	



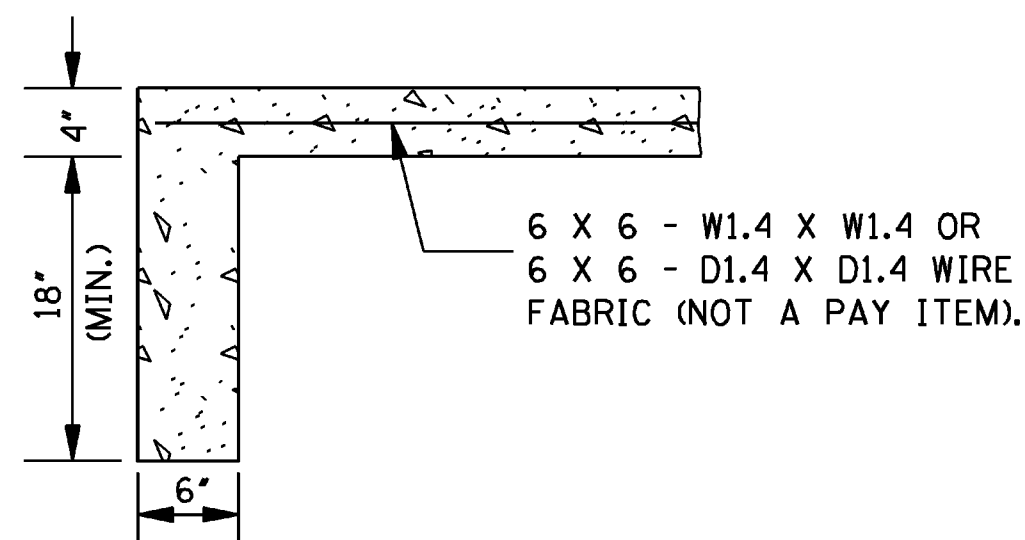
V" TYPE SECTION



FLAT BOTTOM SECTION



DETAIL OF CONSTRUCTION JOINT



DETAIL OF TOE WALL

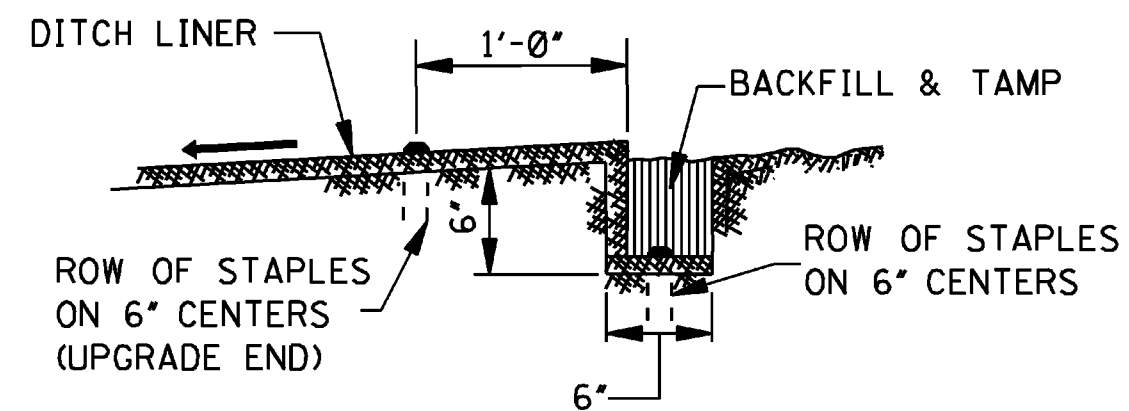
NOTE: TOE WALL REQUIRED UPSTREAM AND DOWNSTREAM.

CONCRETE PAVED DITCH

NOTES:

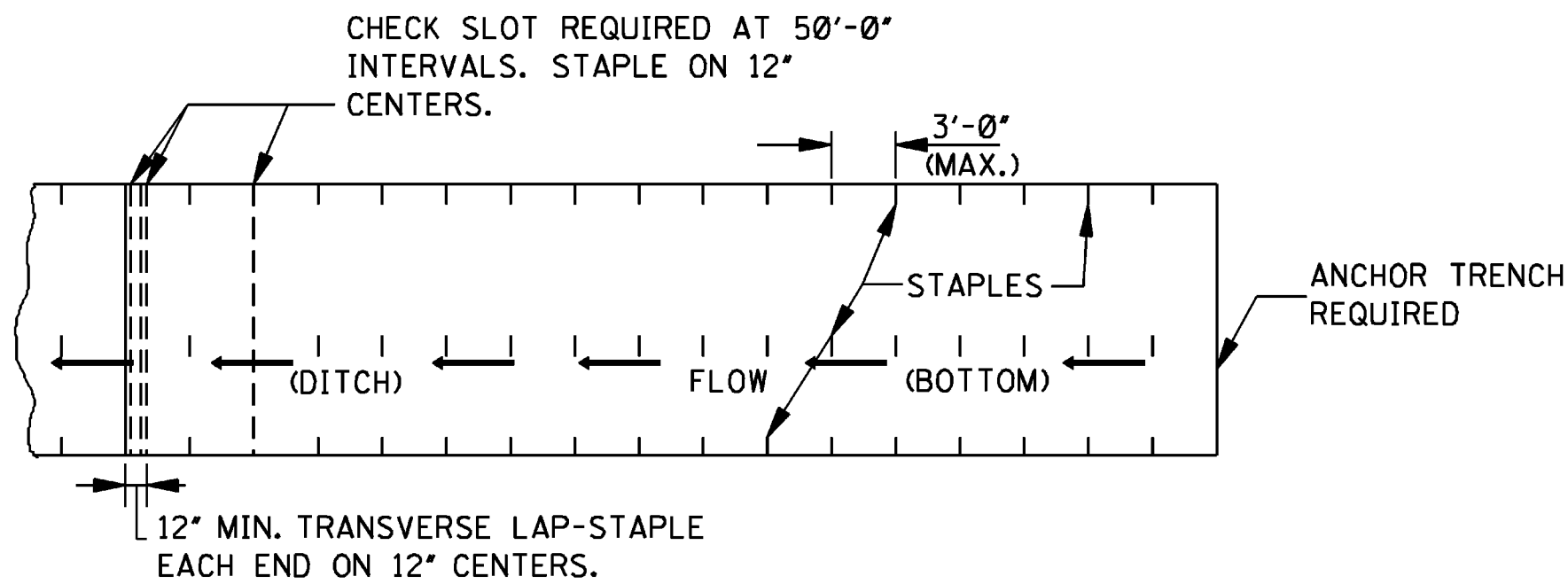
- CONCRETE PAVED DITCHES SHALL BE GROOVED AT 20'-0" INTERVALS. THE GROOVES SHALL BE CUT TO A DEPTH OF NOT LESS THAN 1".
- DIMENSIONS D & W ARE AS FOLLOWS:
D(MINIMUM) = 6"
D(NOMINAL) = 9"
W(MINIMUM) = 24"
- CHAIR SUPPORTS FOR THE WIRE MESH WILL NOT BE REQUIRED. HOWEVER, THE CONTRACTOR SHALL PLACE THE 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.

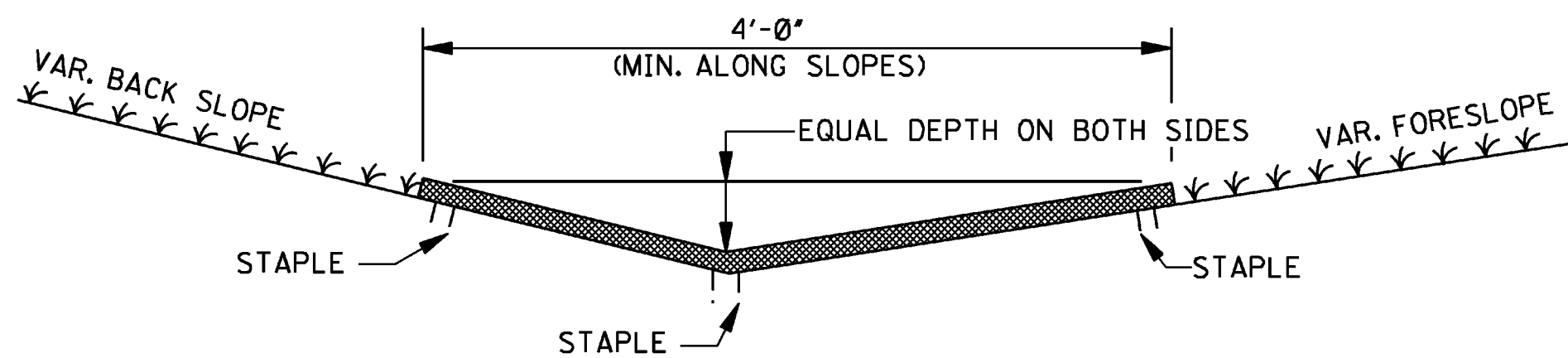


ANCHOR TRENCH DETAIL

NOTE: ANCHOR TRENCH REQUIRED AT THE BEGINNING AND ENDING OF EACH AREA TO BE COVERED, EXCEPT DOWNSTREAM END ADJOINING A STRUCTURE.



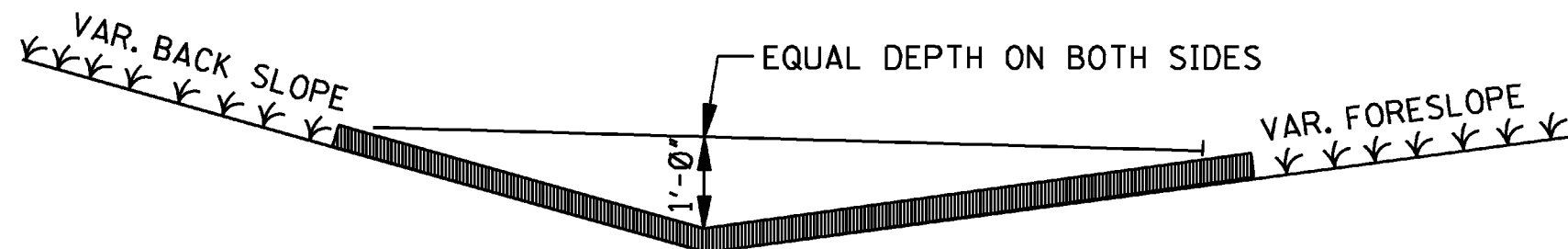
PLAN



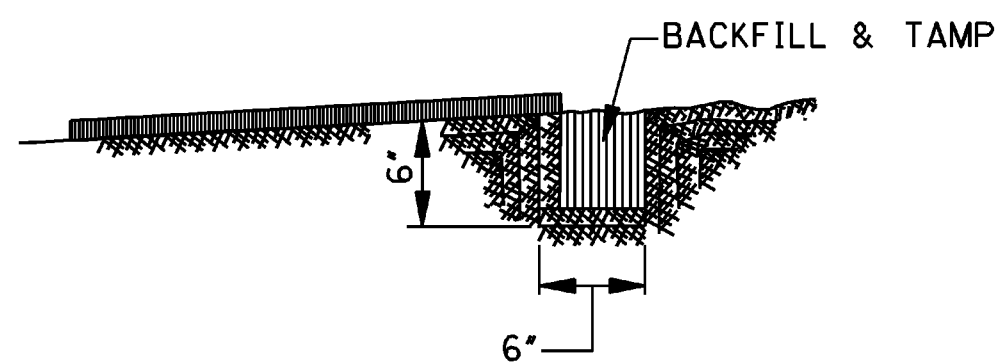
SECTION

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.



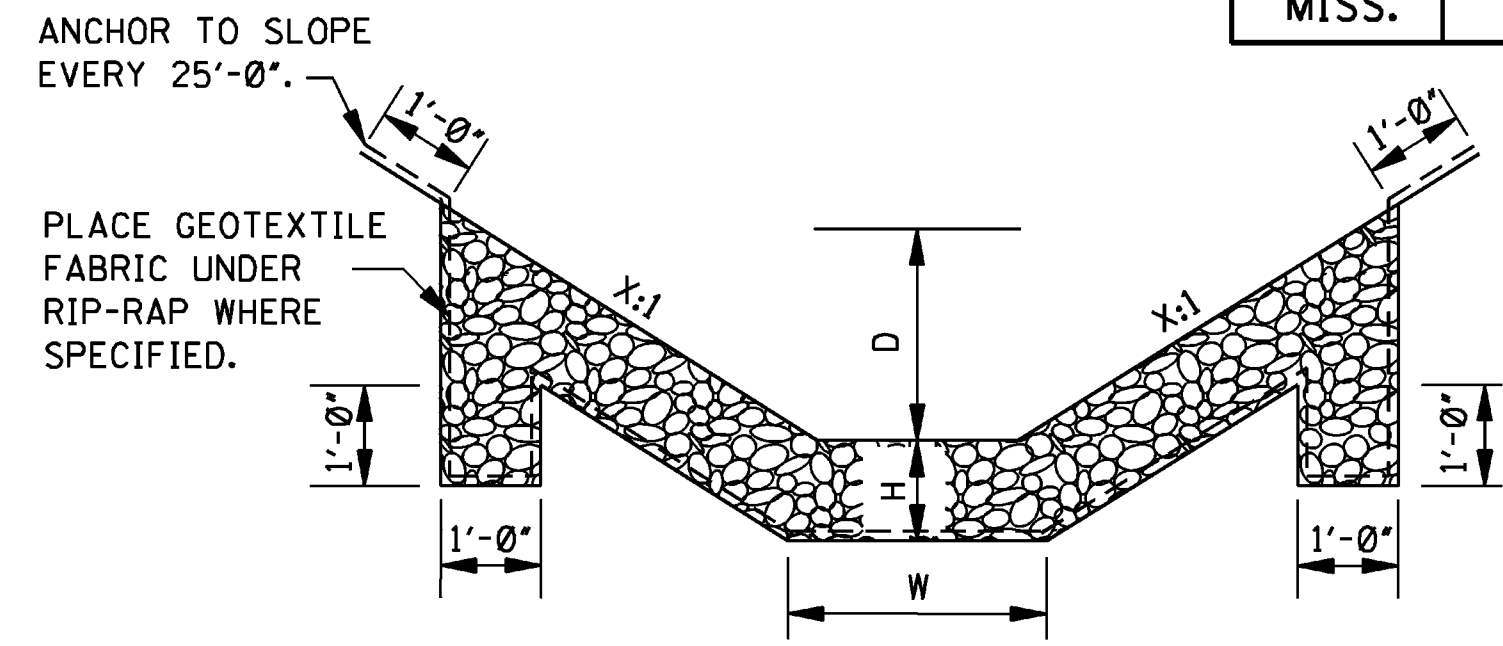
SECTION



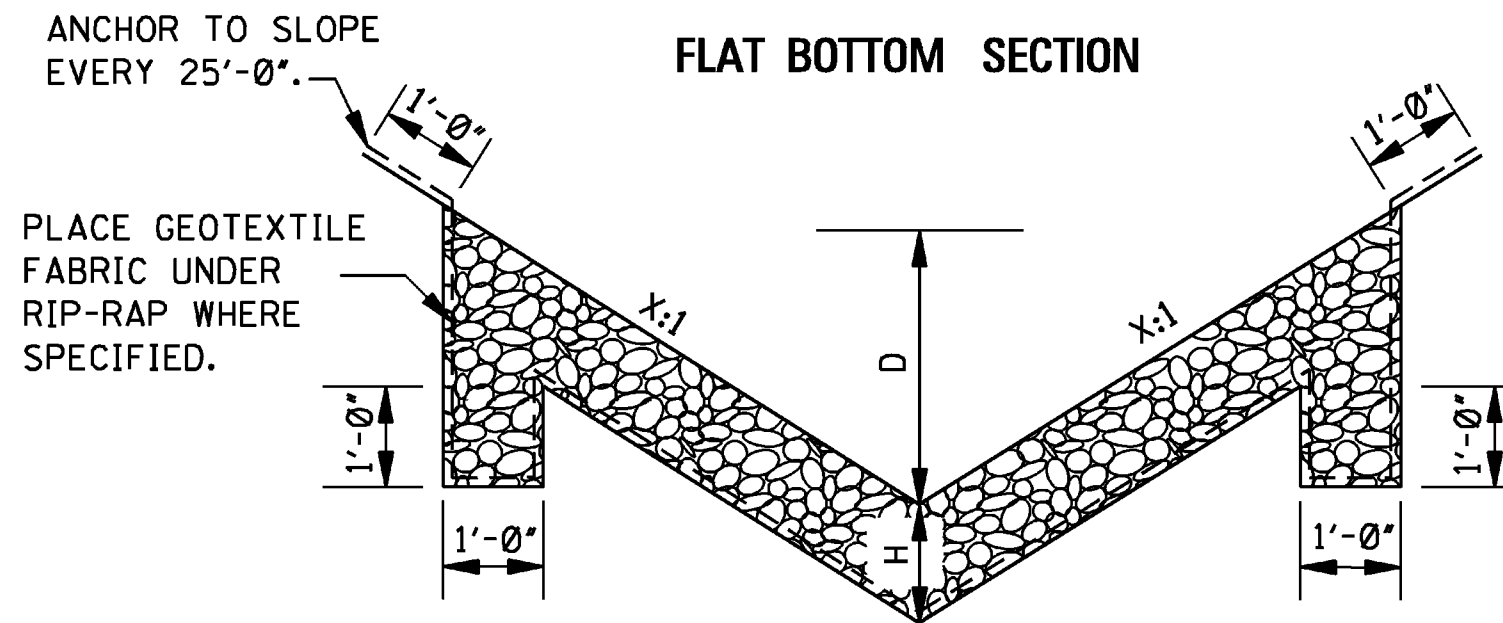
SLOT DETAIL

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.



FLAT BOTTOM SECTION

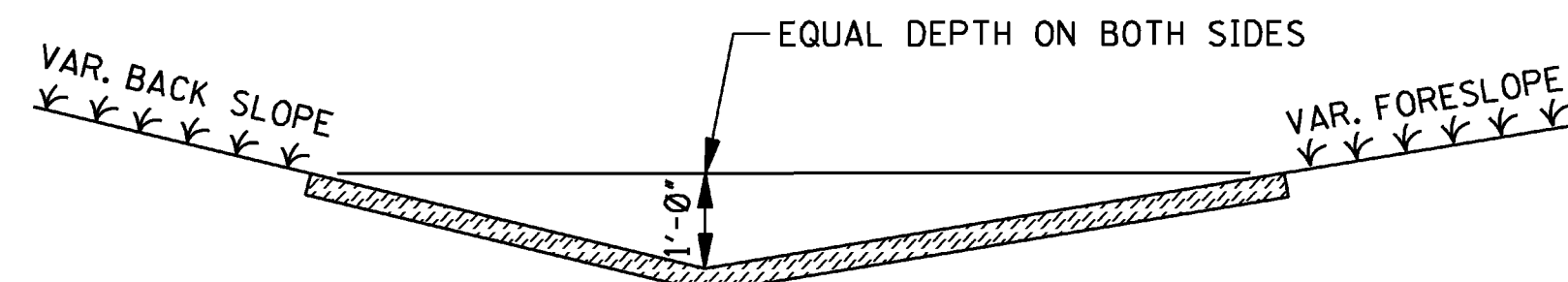


V" TYPE SECTION
RIP-RAP TREATMENT

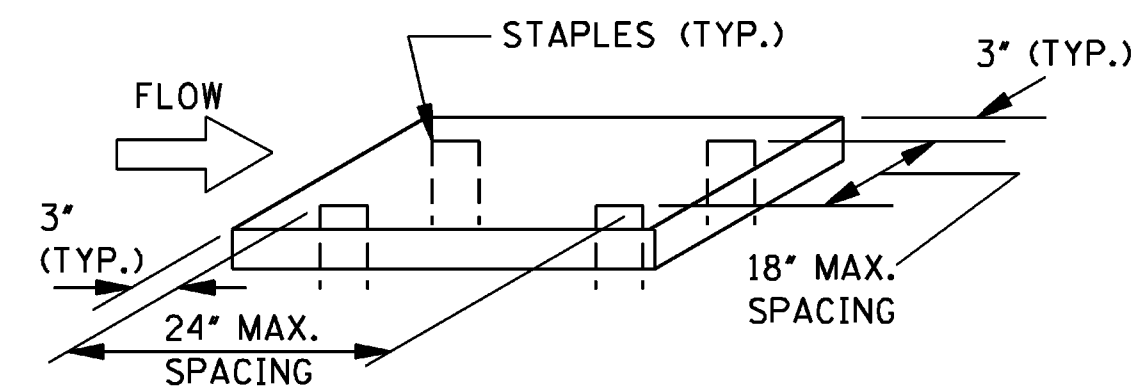
NOTES:

- 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



SOLID SOD TREATMENT



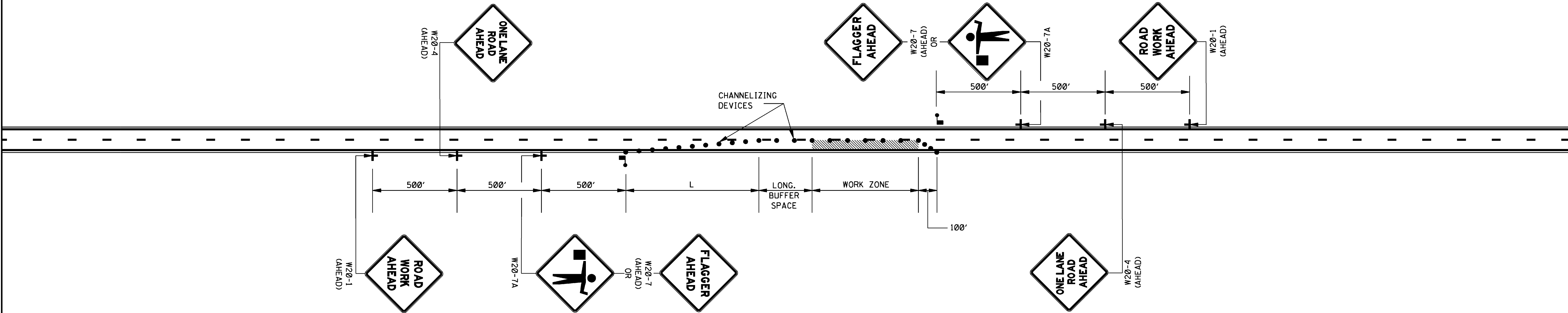
NOTE: SOLID SOD (STRIPS OR BLOCKS) ARE TO BE STAPLED, PINNED, PEGGED OR STAKED AT THE FOUR CORNERS OR AT THE MAXIMUM SPECIFIED SPACING.

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

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
		DETAILS OF TYPICAL DITCH TREATMENTS	
		WORKING NUMBER DT-1	
		SHEET NUMBER 6145	
		ISSUE DATE: OCTOBER 1, 1998	



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

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.

LEGEND

- FLAGGER
- CHANNELIZING DEVICES

				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
				REVISION		
				DATE	ISSUE DATE: OCTOBER 1, 1998	
					WORKING NUMBER TCP-1	
					SHEET NUMBER 6250	

DEPARTMENT OF TRANSPORTATION
MISSISSIPPI

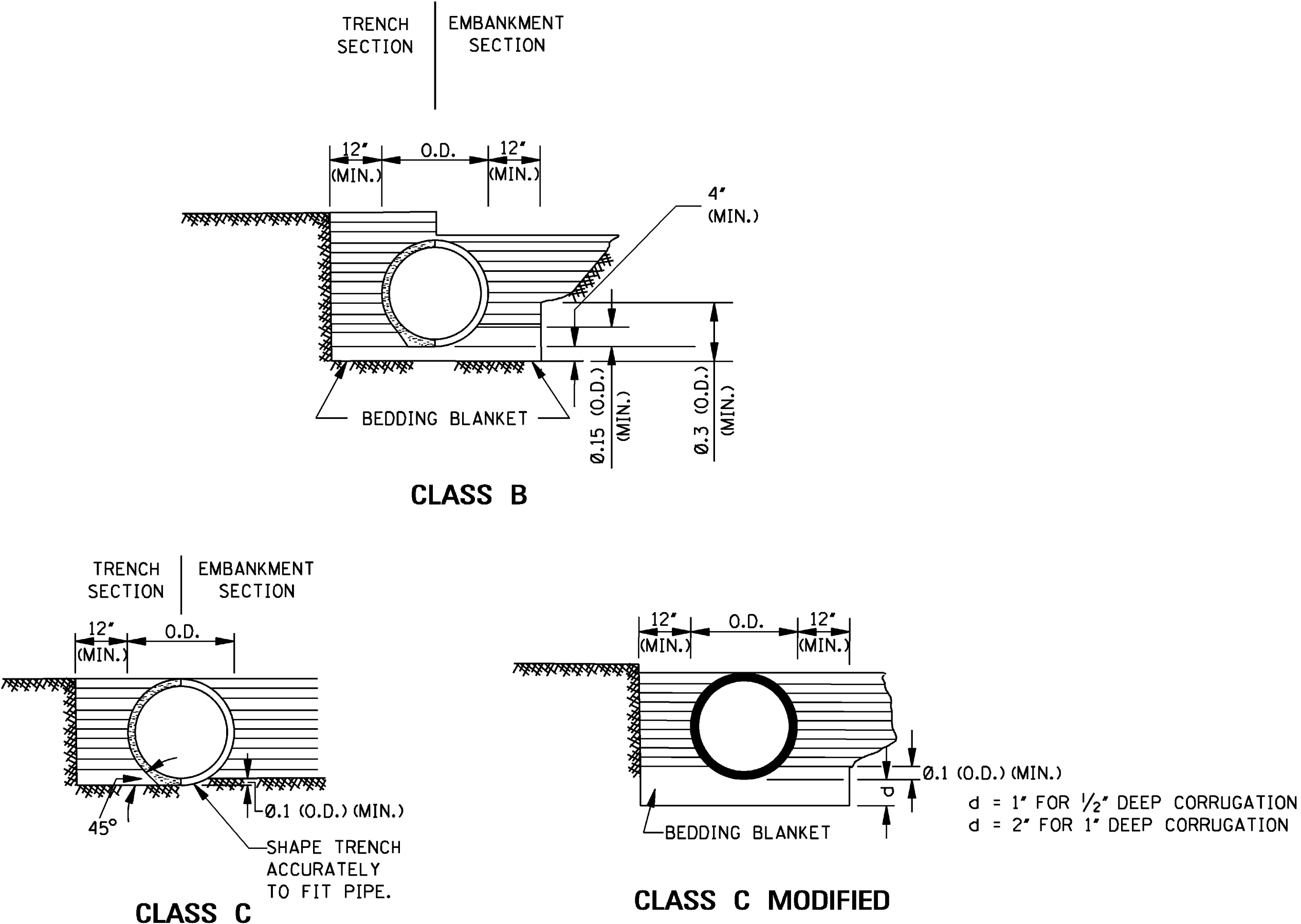
CORRUGATED STEEL AND ALUMINUM PIPE (ROUND) H-20 LOADING						
PIPE DIAMETER (in)	MINIMUM COVER FROM TOP OF PIPE TO TOP OF SUBGRADE (in)	MAXIMUM FILL HEIGHT ABOVE TOP OF PIPE (ft)				
		SHEET THICKNESS (in)				
		0.064 STEEL 0.060 ALUM. 16 GAGE	0.079 STEEL 0.075 ALUM. 14 GAGE	0.109 STEEL 0.105 ALUM. 12 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.

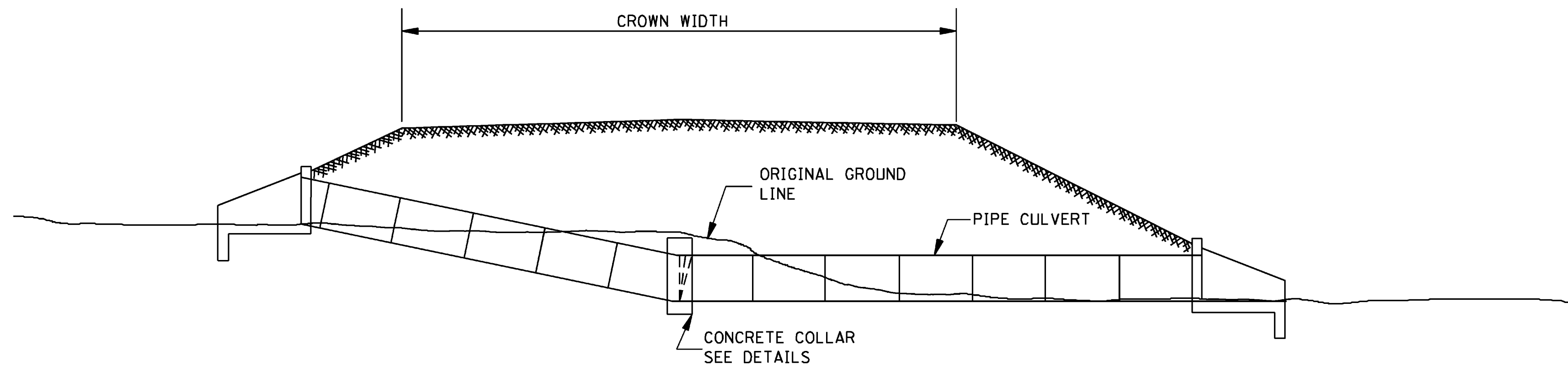
MAXIMUM HEIGHT OF FILL OVER CLASS 2 NONREINFORCED CONCRETE PIPE, PERFORATED AND/OR PLAIN, FOR UNDERDRAINS				
PIPE SIZE (in)	MAXIMUM COVER (ft)			
	BEDDING CLASS "C"/CLASS "B"			
	TRENCH B _d (in)	SAND & GRAVEL	DAMP CLAY	PROJECTING POSITIVE p= 0.7; R _{sd} = 0.7
4"	2.00'	*	*	34'/42'
6"	2.00'	*	*	25'/30'
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.

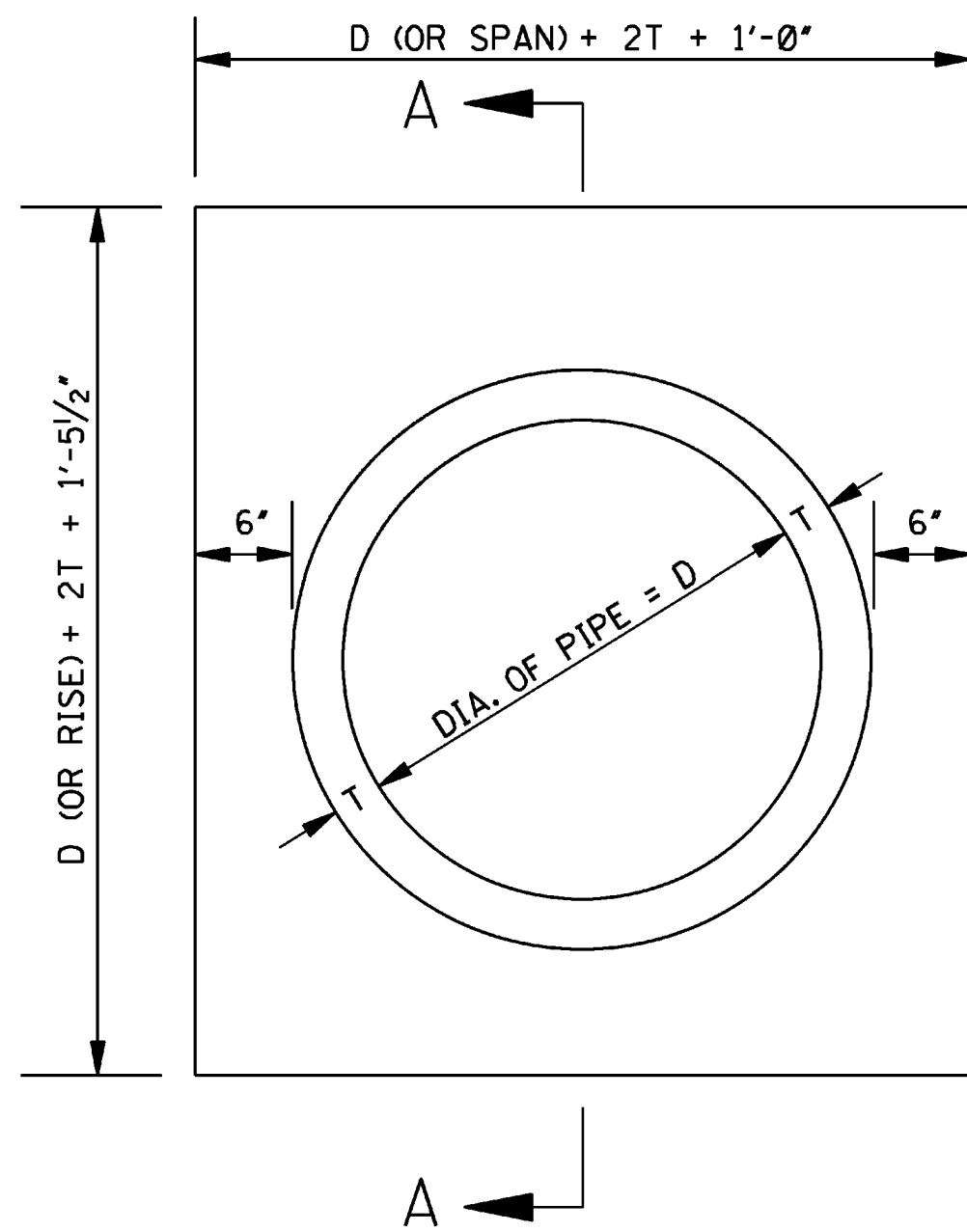
GENERAL NOTES:

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

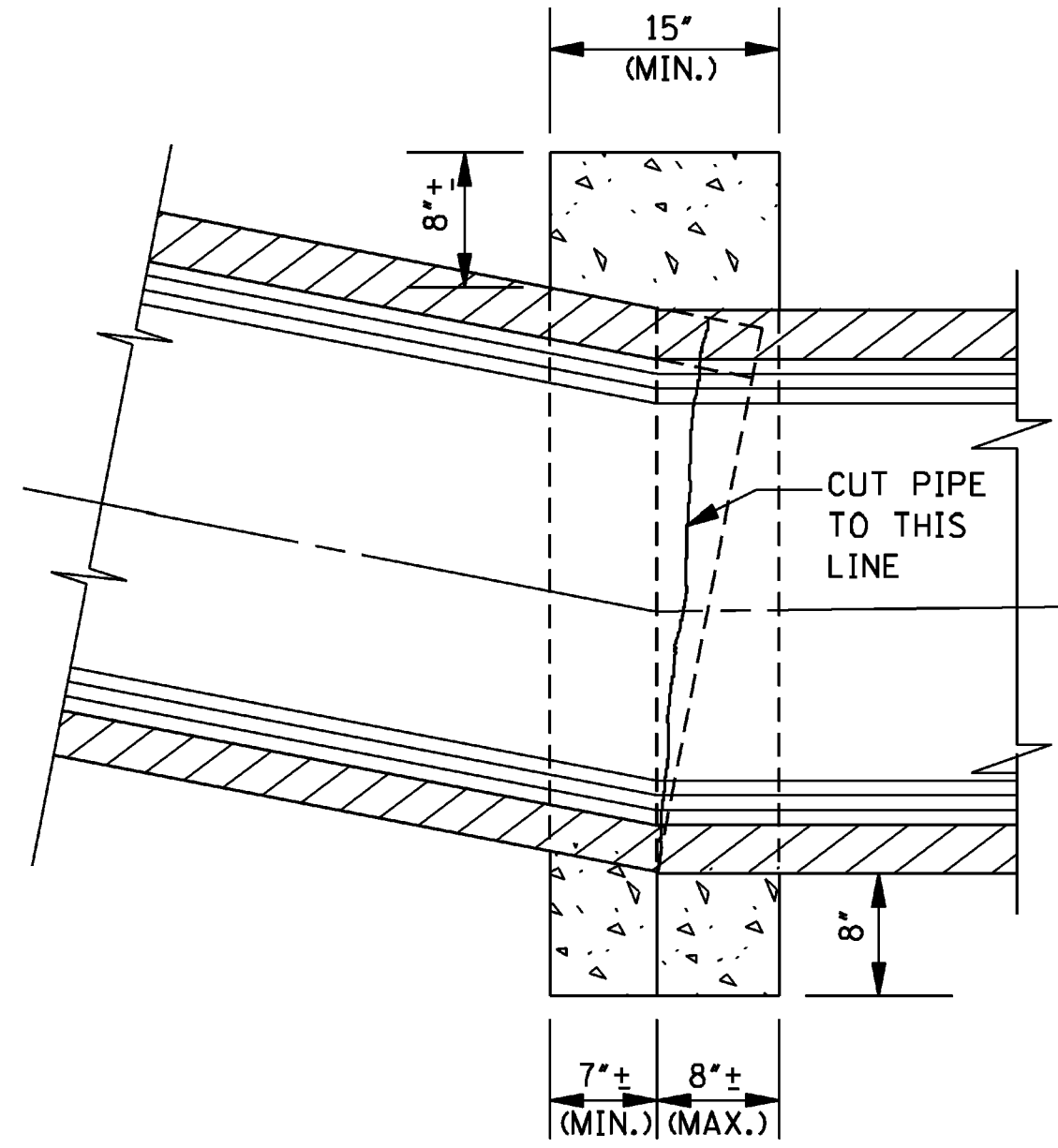


TYPICAL INSTALLATION FOR PIPE CULVERT WITH BROKEN FLOW LINE



ELEVATION OF CONCRETE COLLAR

NOTE: CIRCULAR PIPE IS SHOWN, ARCH PIPE IS SIMILAR.



SECTION A-A

GENERAL NOTE:

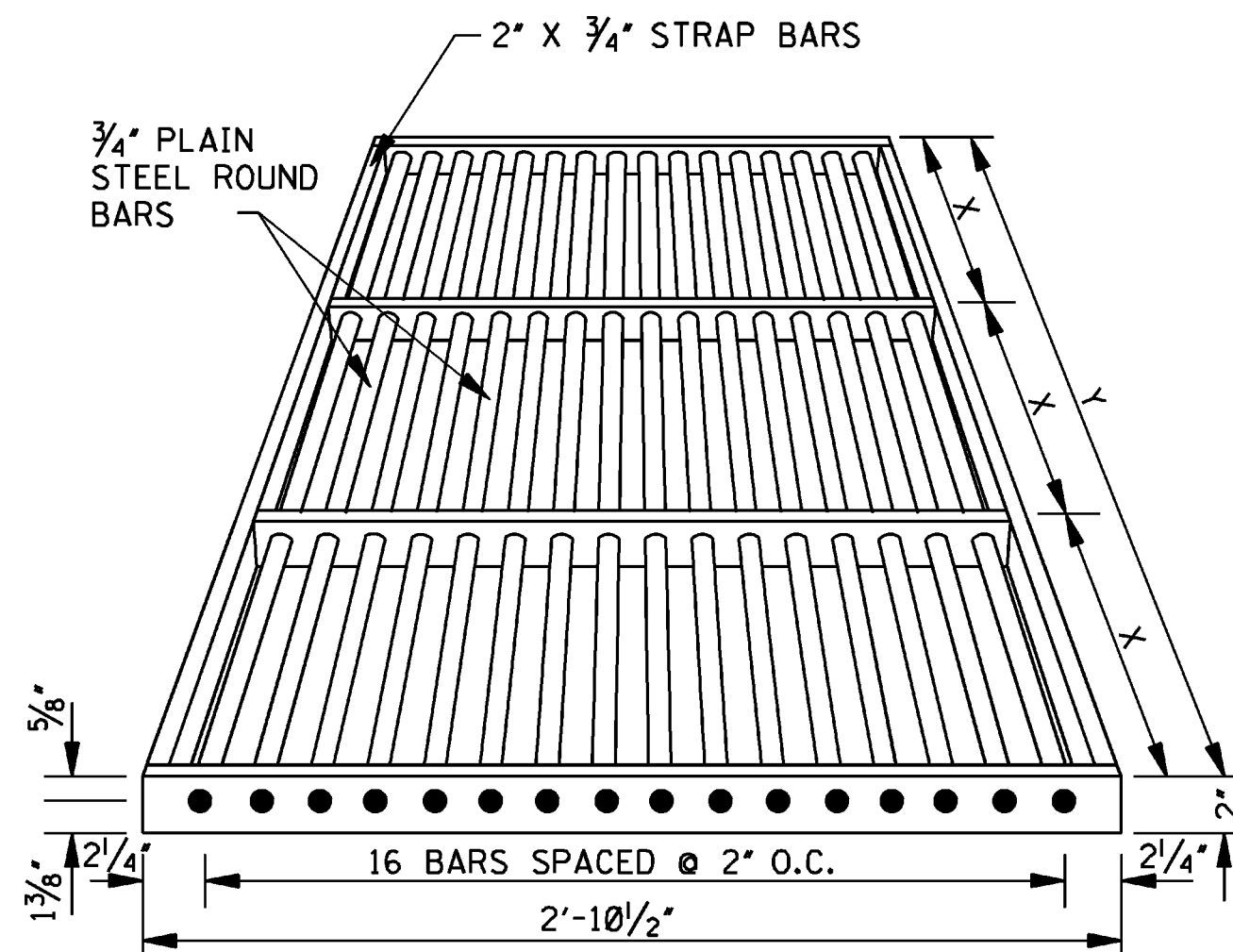
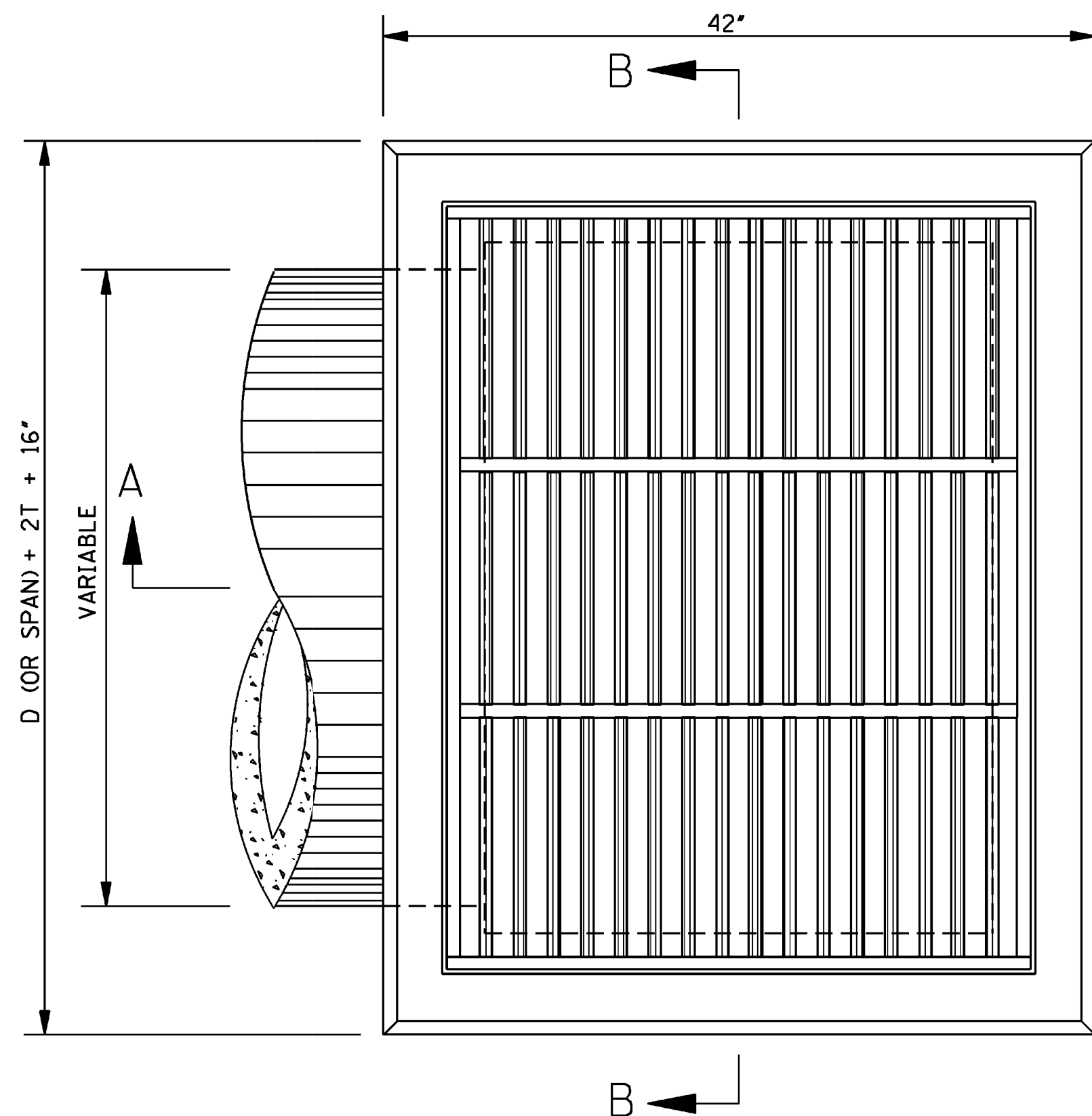
1. THE FOLLOWING QUANTITIES SHALL BE THE BASIS FOR PAYMENT
UNLESS AUTHORIZED MODIFICATIONS ARE MADE:

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	

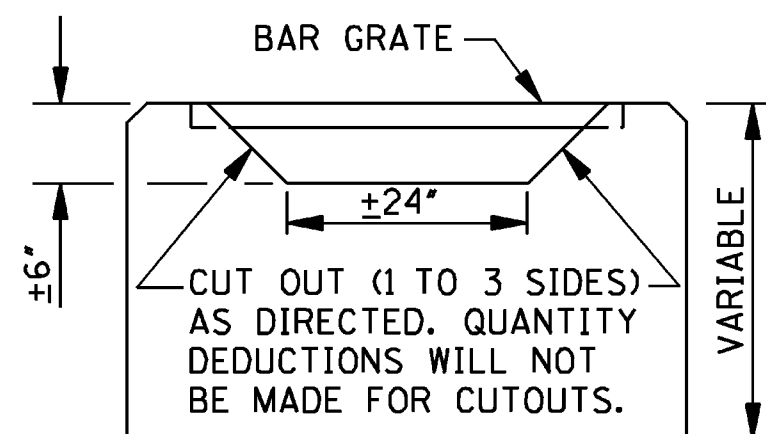
A, #4 BARS	AS PER TABLE
B, #4 BARS	D (OR SPAN) + 2T + 9"
C, #4 BARS	34"
D, #4 BARS	D (OR RISE) + T + 4"

BARS "A", "B", "C" & "D"

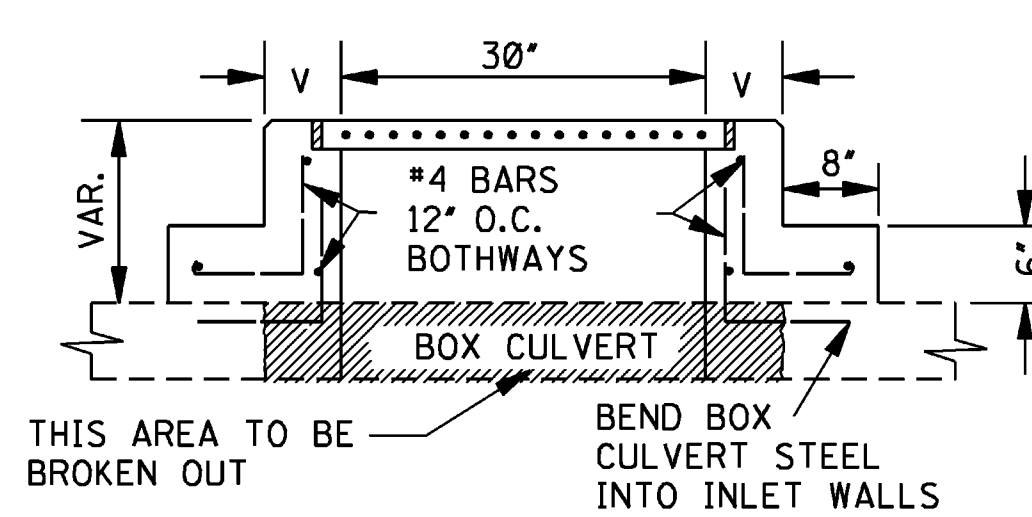


BAR GRATE DETAILS

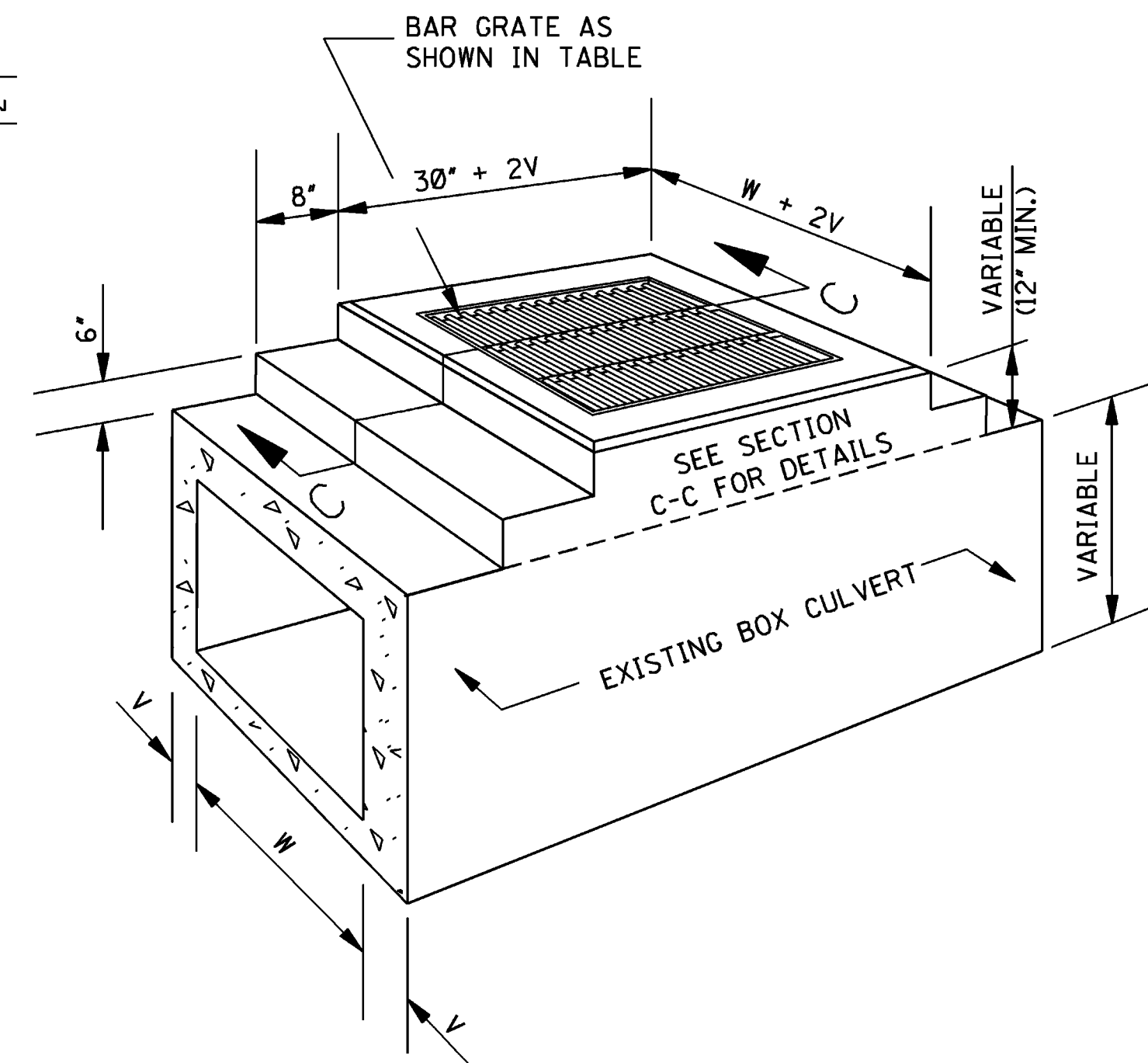
NOTE: JUNCTIONS OF ROUND AND STRAP BARS SHALL BE WELDED. GRATE SHALL BE SHOP COATED WITH APPROVED COAL TAR PITCH VARNISH.



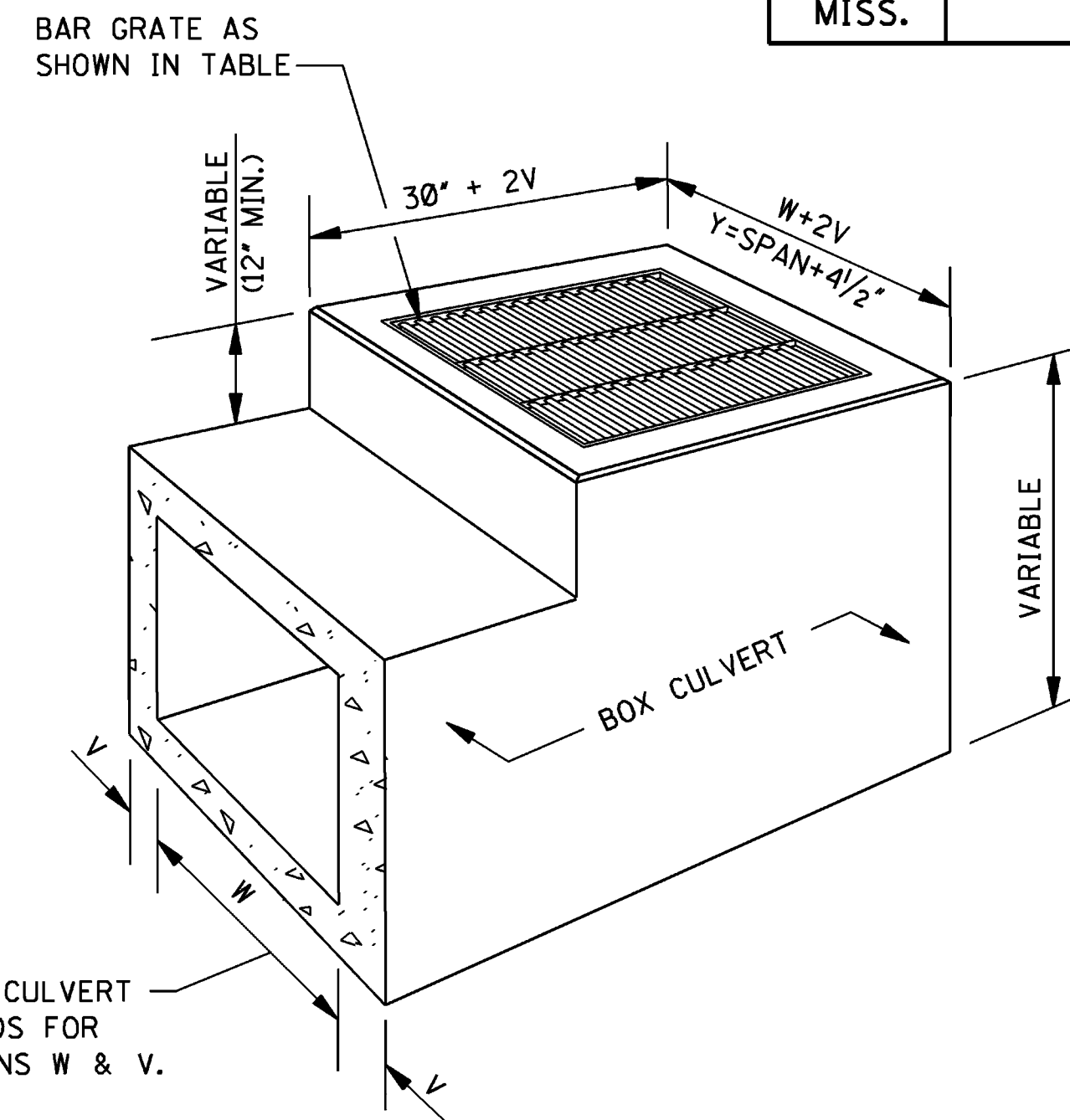
ELEVATION
MODIFIED PIPE OR
BOX CULVERT INLET



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* #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.

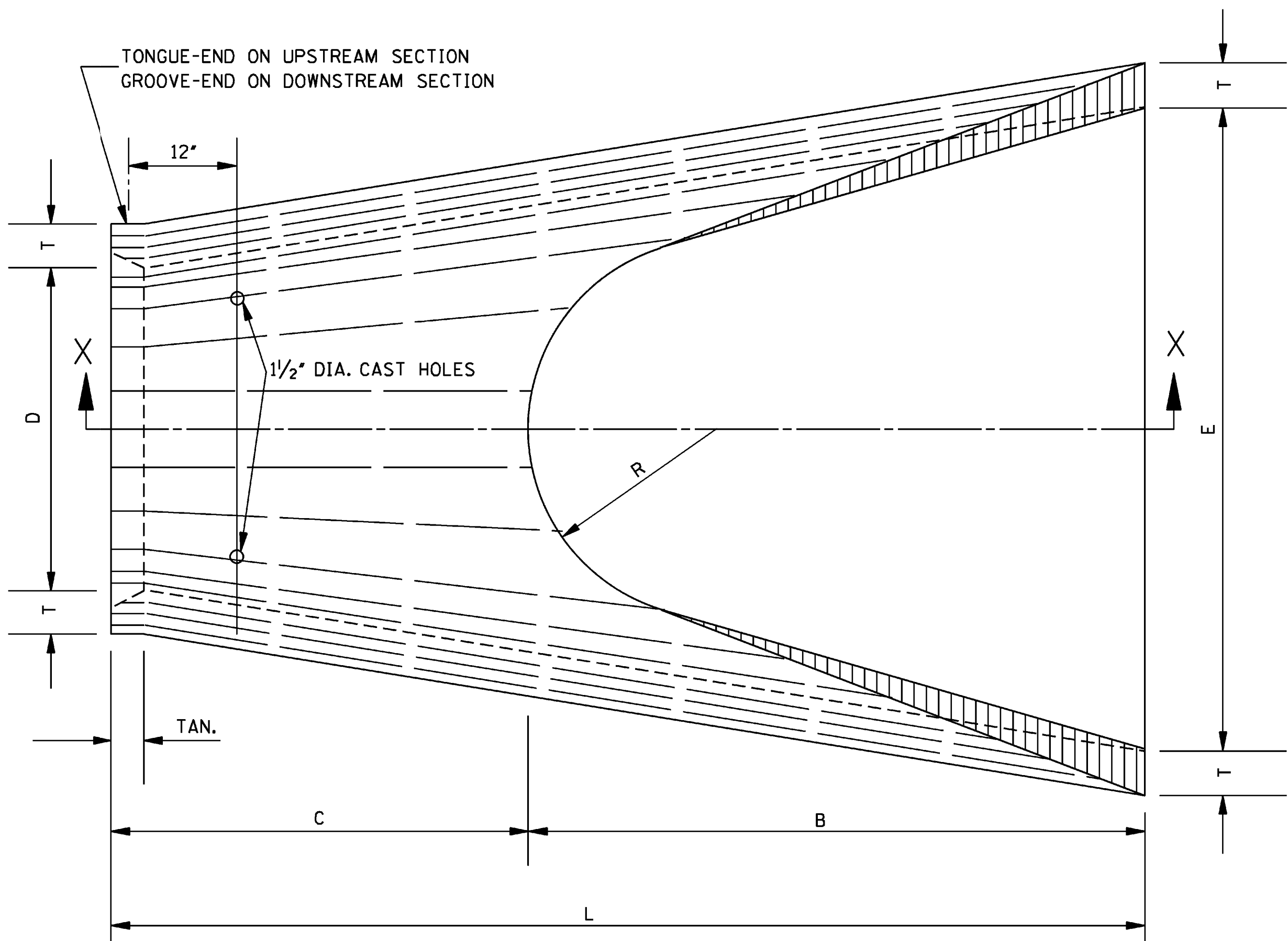
GENERAL NOTES:

- 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

BELL AND SPIGOT END OPTION

NOTE: BELL-END ON DOWNSTREAM SECTION
SPIGOT-END ON UPSTREAM SECTION.

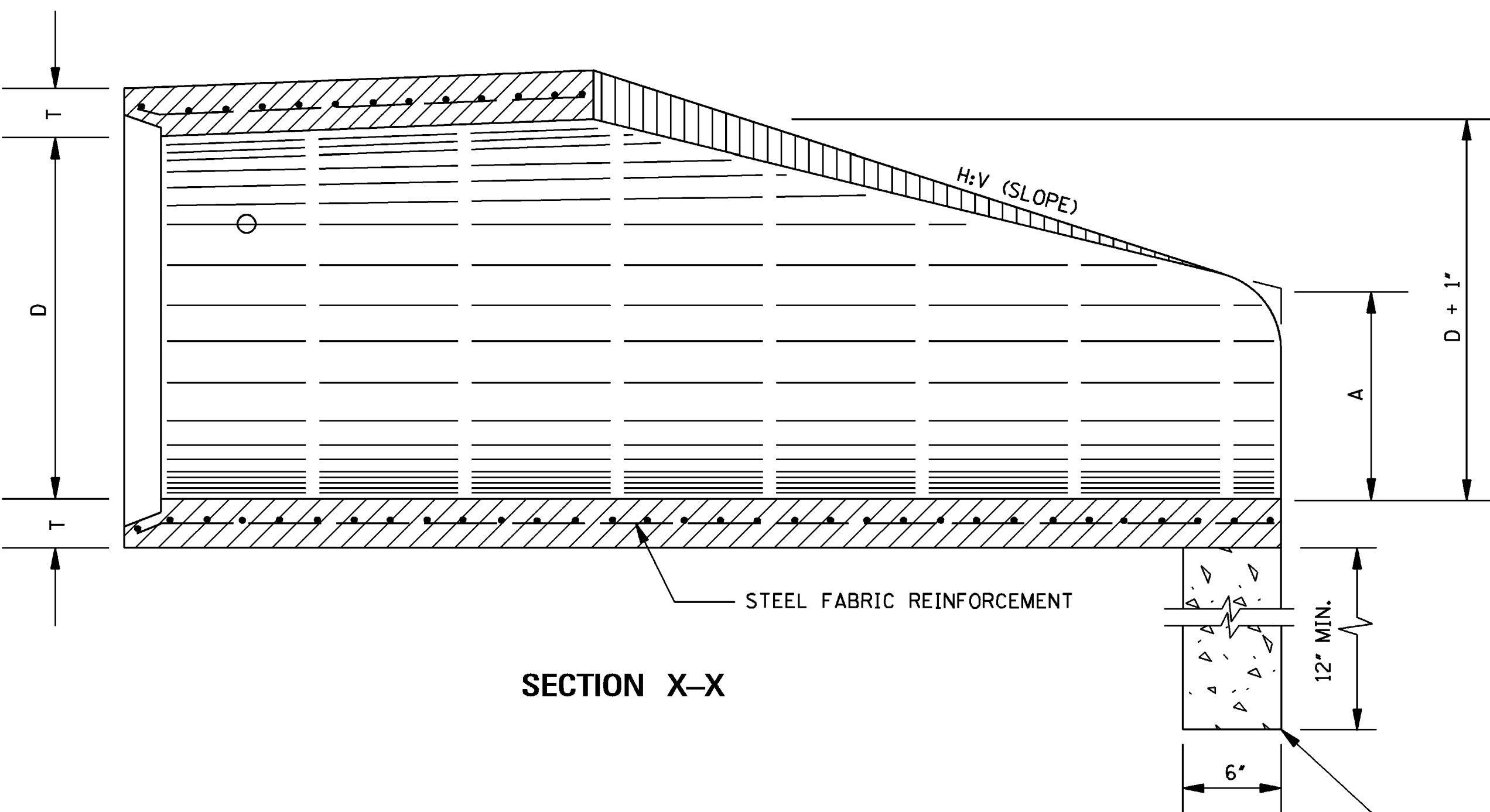


PLAN OF DOWNSTREAM END

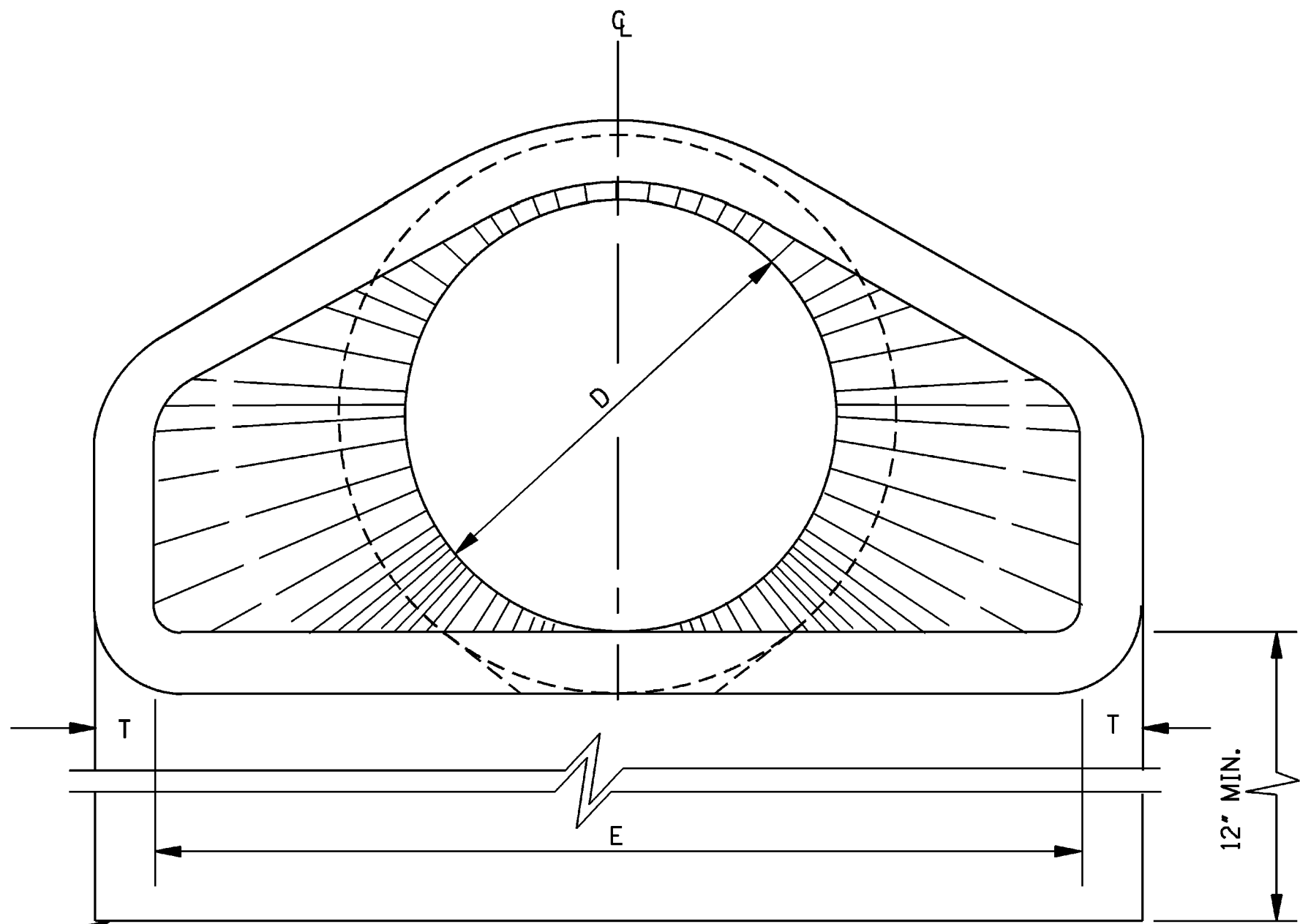
TABLE OF DIMENSIONS							
D	T	H:V	A	B	C	E	L
15"	2 1/4"	3:1	6"	2'-3"	4'-1"	2'-8"	6'-1"
18"	2 1/2"	3:1	9"	2'-3"	3'-10"	3'-0"	6'-1"
24"	3"	3:1	10"	3'-8"	2'-6"	4'-0"	6'-2"
30"	3 1/2"	3:1	1'-0"	4'-6"	1'-8"	5'-0"	6'-2"
36"	4"	3:1	1'-3"	5'-3"	2'-11"	6'-0"	8'-2"
42"	4 1/2"	3:1	1'-9"	5'-3"	2'-11"	6'-6"	8'-2"
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



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.

GENERAL NOTES:

- REINFORCEMENT SHALL CONFORM TO THE REQUIREMENTS OF REINFORCED CONCRETE PIPE OF LIKE DIAMETER PER AASHTO M 170, TABLE 2, WALL B.
- 2 - 1/2" DIA. CAST HOLES REQUIRED AS SHOWN TO ACCOMMODATE 2 - 1" DIA. TIE BOLTS, USED IN TIEING SECTION TO PIPE CULVERT.
- LENGTH (L) OF A BELL-END OPTION MAY VARY BY A NOMINAL EXTENSION ON THE BELL END.
- FLARED END SECTIONS ARE NOT TO BE USED INSIDE THE CLEAR ZONE.
- ALL SIZES OF FLARED END SECTIONS FOR CIRCULAR CONCRETE PIPE MAY BE FURNISHED WITH EITHER BELL AND SPIGOT OR TONGUE AND GROOVE ENDS.

				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN
				REVISION	
				DATE	ISSUE DATE: OCTOBER 1, 1998
					WORKING NUMBER FE-1 SHEET NUMBER 6328



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 IMPROVEMETNS 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 (\$500,000) 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 (\$1,000,000) 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.

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:

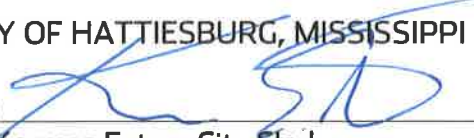
BID:

**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



City of Hattiesburg, MS

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

Master

File Number: 2018-242

File ID: 2018-242

Type: Regular Agenda Item

Status: Agenda Ready

Version: 2

Reference:

In Control: City Council

Requester: LaTasha McDaniel

File Created: 02/13/2018

Brief Title: Approve Specifications and Authorize Publication of Advertisement for Various Term Bid Items

Final Action:

Minute Book Number: MB2018-44

Title:

Approve Specifications and Authorize Publication of Advertisement for Various Term Bid Items for the Hattiesburg Water Department beginning on April 1, 2018.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: VI.-9

Sponsors:

Enactment Date:

Attachments: Item #13 - Notice to Bidders, Item #13 - Specifications, Item #20 Notice to Bidders, Item #20 Specifications, Item #26 Notice to Bidders, Item #26 Specifications, Item # 28 - Notice to Bidders, Item # 28 - Specifications, Item #11 - Notice to Bidders, Item #11 - Specifications, executed Notice to Bidders for Item #13, Item #20, Item #26, Item #28 and Item #11

Enactment Number:

Contact:

Meeting Date: 02/20/2018

Drafter: LaTasha McDaniel

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
2	City Council	02/20/2018					

Text of Legislative File 2018-242

Title

Approve Specifications and Authorize Publication of Advertisement for Various Term Bid Items for the Hattiesburg Water Department beginning on April 1, 2018.

Summary

Approve Specifications and Authorize Publication of Advertisement for Various Term Bid Items

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Advertise February 22nd and March 1st.

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, March 15, 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:

ITEM #13: SODIUM FLUORASILICATE AND SODIUM FLUORIDE FOR THE HATTIESBURG WATER DEPARTMENT

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 ABID@ 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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/1/2018

SPECIFICATIONS FOR ITEM #13: SODIUM FLUORASILICATE AND SODIUM FLUORIDE FOR THE HATTIESBURG WATER DEPARTMENT

Bidder shall bid on furnishing Sodium Fluorosilicate, which meets or exceeds the following specifications, to-wit:

Sodium Fluorosilicate, $\text{Na}_2 \text{SiF}_6$ powder form, white in color

Must meet current AWWA B701-84 specifications:
In fifty (50) pound bags

Bidder shall bid on furnishing Sodium Fluoride, which meets or exceeds the following specifications, to-wit:

Sodium Fluoride, NaF granular form, white in color

Must meet current AWWA B701-84 specifications:
In fifty (50) pound bags

The City of Hattiesburg will only accept bids for products manufactured and assembled/packaged in plants located in the United States. Written certification shall be provided upon request of Hattiesburg Water Department Officials.

Delivery shall be accomplished using a flatbed trailer to accommodate use of a ground level forklift for unloading pallets.

PAYMENT TERMS: Remittance within thirty (30) days from satisfactory delivery of goods and/or receipt of invoice(s).

PRICES shall be FIRM for a period beginning on April 1, 2018, and ending March 31, 2020, items to be purchased as required.

The City of Hattiesburg and/or the vendor has the option to terminate the contract after a period of one year.

DELIVERY: F.O.B. Hattiesburg, Mississippi, within five (5) working days from issuance of purchase order, within the hours of 7:00 A.M. and 2:00 P.M., freight prepaid.

The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders. State Law prohibits the consideration of bids received after the date and time advertised for receipt of Sealed bids.

SEALED BIDS must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

**BID
SODIUM FLUORASILICATE AND SODIUM FLUORIDE -
HATTIESBURG WATER DEPARTMENT, ITEM #13
SUBMITTED BY 10:00 A.M. Thursday March 15, 2018**

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 and all bids received and to waive informalities.

APPROVED on this, the 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
CITY CLERK

SPECIFICATIONS APPROVED BY:

WATER DEPARTMENT

ITEM #13 - SODIUM FLUORASILICATE AND SODIUM FLUORIDE FOR THE
HATTIESBURG WATER DEPARTMENT

ITEM	UNIT BID PRICE
SODIUM FLUORASILICATE 50 LB. BAGS (PRICE PER 50 LB BAG)	
SODIUM FLUORIDE 50 LB. BAGS (PRICE PER 50 LB BAG)	

NAME OF COMPANY

STREET/P.O. ADDRESS

CITY/STATE & ZIP CODE

PHONE NUMBER & FAX NUMBER

DATE OF BID

OFFICIAL'S NAME & TITLE

OFFICIAL'S SIGNATURE

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, March 15, 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:

**ITEM #20: FURNISH LABOR, EQUIPMENT AND MATERIAL FOR REPAIR, REPLACEMENT OR
INSTALLATION OF DUCTILE IRON OR PVC WATER LINES AND FITTINGS FOR THE
HATTIESBURG WATER DEPARTMENT**

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 ABID@ 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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/1/2018

**SPECIFICATIONS FOR ITEM #20: FURNISH LABOR, EQUIPMENT AND MATERIAL FOR
REPAIR, REPLACEMENT OR INSTALLATION OF DUCTILE
IRON OR PVC WATER LINES AND FITTINGS FOR THE
HATTIESBURG WATER DEPARTMENT**

Bidder shall bid on furnishing all labor, equipment, materials, insurance performance and payment bond where requested, and other necessary appurtenances and other conditions as shown in specifications on file in the City of Hattiesburg Engineering Department and shall be familiar with the subsurface condition within the City of Hattiesburg surrounding the work area.

Bidder shall have available or in his possession equipment of sufficient size and quantity to properly perform said project. Bidder will prepare a list of all equipment he has available to perform the work as shown in specifications on file in the City of Hattiesburg Engineering Department. Equipment list will not include leased or rented equipment.

Bidder will be allowed an allowance of one and one half percent of the total cost of a project if a performance and payment is requested by the City Engineer or his representative on a particular project. Bidder will carry sufficient insurance as outlined in specifications on file and will attach a certificate of insurance to his bid proposal.

Much of the work involved under this proposal could be of an emergency nature and it will be necessary that the successful bidder be able to respond and commence work within a two (2) hour time frame after work order has been issued.

Bidder will be properly licensed within the State of Mississippi for water construction work and will place license number and certificate of responsibility number on bid and in the lower left hand corner of the envelope as required by law.

Work performed under the terms of this contract which provides new installation or repair of water lines shall not exceed one hundred and fifty thousand dollars (\$150,000.00) per project as provided by state law. The City of Hattiesburg reserves the right to bid any and all projects, as determined by the City Engineer, on an individual basis and have said work performed by the successful bidder, or have work performed under this contract, whichever is in the City's best interest.

Pursuant to Section 31-5-51 of the Mississippi Code (Amended) which requires certain vendors have liability insurance, the successful bidder shall furnish to the City of Hattiesburg, before entering into any such contract, proof of general liability insurance coverage in the amount not less than one million dollars (\$1,000,000.00) for bodily injury and property damage.

The City reserves the right to award multiple categories or line items to the lowest and best bidder. All bidders must list the manufacturer and model or part number for each product offered.

PAYMENT TERMS: Remittance within thirty (30) days from satisfactory delivery of goods and/or receipt of invoice(s).

PRICES shall be FIRM for a period beginning on April 1, 2018 and ending March 31, 2020, items to be purchased as required.

The City of Hattiesburg and/or the vendor has the option to terminate the contract after a period of one year.

The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders. State Law prohibits the consideration of bids received after the date and time advertised for receipt of Sealed bids.

SEALED BIDS must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

BID

**ITEM #20 FURNISH LABOR, EQUIPMENT AND MATERIAL FOR REPAIR, REPLACEMENT OR INSTALLATION OF DUCTILE IRON OR PVC WATER LINES AND FITTINGS FOR THE HATTIESBURG WATER DEPARTMENT
SUBMITTED BY 10:00 A.M. THURSDAY, MARCH 15, 2018**

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 and all bids received and to waive informalities.

APPROVED on this, the 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____

CITY CLERK

SPECIFICATIONS APPROVED BY:

WATER DEPARTMENT

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, March 15, 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:

ITEM #26: SANITARY SEWER LINE AND STORM SEWER REPAIR OR REPLACEMENT

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 ABID@ 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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/1/2018

SPECIFICATIONS FOR ITEM #26:

**SANITARY SEWER LINE AND STORM SEWER REPAIR OR REPLACEMENT AND NEW
INSTALLATION AS PROVIDED HEREIN FOR THE PUBLIC SERVICES DEPARTMENT**

Bidder shall bid on furnishing all labor, equipment, materials, insurance performance and payment bond where requested, and other necessary appurtenances and other conditions as shown in specifications on file in the City of Hattiesburg Engineering Department and shall be familiar with the subsurface condition within the City of Hattiesburg surrounding the construction of any proposed project.

Bidder shall have available or in his possession equipment of sufficient size and quantity to properly perform said project. Bidder will prepare a list of all equipment he owns available to perform the work as shown in specifications on file in the City of Hattiesburg Engineering Department and submit with bid.

Bidder will be allowed an allowance of one and one-half percent of the total cost of a project if a performance and payment is requested by the City Engineer or his representative on a particular project. Bidder will carry sufficient insurance as outlined in specifications on file and will attach a certificate of insurance to his bid proposal.

Much of the work involved under this proposal could be of an emergency nature and it will be necessary that the successful bidder be able to respond and commence work within a 24 or 72-hour time frame after work order has been issued.

Bidder will be properly licensed within the State of Mississippi for sewer construction work and will place license number and certificate of responsibility number on bid and in the lower left-hand corner of the envelope as required by law.

Work performed under the terms of this contract which provides new installation of sanitary and storm sewer shall not exceed one hundred and fifty thousand dollars (\$150,000.00) per project as provided by state law. The City of Hattiesburg reserves the right to bid any and all projects, as determined by the City Engineer, on an individual basis and have said work performed by the successful bidder, or have work performed under this contract, whichever is in the City's best interest.

Pursuant to Section 31-5-51 of the Mississippi Code (Amended) which requires certain vendors have liability insurance, the successful bidder shall furnish to the City of Hattiesburg, before entering into any such contract, proof of general liability insurance coverage in the amount not less than one million dollars (\$1,000,000.00) for bodily injury and property damage.

PAYMENT TERMS: Remittance within thirty (30) days from satisfactory delivery of goods and/or receipt of invoice(s).

PRICES shall be FIRM for a period beginning on April 1, 2018, and ending March 31, 2020, items to be purchased as required.

The City of Hattiesburg and/or the vendor has the option to terminate the contract after a period of one year.

DELIVERY: F.O.B. Hattiesburg, Mississippi, as indicated on Purchase Order, freight prepaid.

The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders. State Law prohibits the consideration of bids received after the date and time advertised for receipt of Sealed bids.

SEALED BIDS must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

BID

**ITEM #26 SANITARY SEWER LINE AND STORM SEWER REPAIR OR
REPLACEMENT AND NEW INSTALLATION AS PROVIDED HEREIN
FOR CITY OF HATTIESBURG**

SUBMITTED BY 10:00 A.M. THURSDAY, MARCH 15, 2018

CERTIFICATE OF RESPONSIBILITY NO. _____

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 and all bids received and to waive informalities.

APPROVED on this, the 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
CITY

CLERK

SPECIFICATIONS APPROVED BY:

PUBLIC SERVICES DEPARTMENT

ITEM #26 - SANITARY SEWER LINE AND STORM SEWER REPAIR OR REPLACEMENT AND NEW
INSTALLATION AS PROVIDE HEREIN FOR THE PUBLIC SERVICES DEPARTMENT

SECTION I

PVC SOLID WALL PIPE SDR 26, RUBBER GASKET JOINTS, ASTM D 3034

[illegible]

SECTION II

CONCRETE PIPE FOR SANITARY SEWER, CLASS III, "0" RING TYPE JOINT, "0" RING TO MEET
ASTM DESIGNATION C 443. SEWER PIPE TO BE COATED INSIDE WITH TWO COMPONENT COAL TAR
EPOXY APPROVED BY CITY ENGINEER.

PRICE PER LINEAR FEET										
ITEM	DESCRIPTION	DEPTH IN FEET								
		0/6	6/8	8/10	10/12	12/1	14/1	16/1	18/20	20/2
6	18" SEWER									
7	21" SEWER									
8	24" SEWER									
9	30" SEWER									
10	36" SEWER									
TOTAL										

SECTION III

DUCTILE IRON SEWER PIPE WITH PUSH-ON JOINT IN ACCORDANCE WITH ANSI 21.11 (AWWA C 111).

PIPE TO BE BITUMINOUS COATED ON OUTSIDE AND PROPERLY LINE ON INSIDE WITH CONCRETE,

BITUMINOUS OF POLYETHYLENE AS ACCEPTABLE BY CITY ENGINEER. PIPE TO BE CLASS 50.

PRICE PER LINEAR FEET										
ITEM	DESCRIPTION	DEPTH IN FEET								
		0/6	6/8	8/10	10/1	12/1	14/1	16/1	18/20	20/2
11	18" SEWER PIPE									
12	21" (20) SEWER									
13	24" SEWER PIPE									
14	27" SEWER PIPE									
15	30" SEWER PIPE									
16	36" SEWER PIPE									
TOTAL:										

SECTION IV

DUCTILE IRON SEWER PIPE WITH PUSH-ON JOINT IN ACCORDANCE WITH ANSI 21.11 (AWWA C 111).
PIPE TO BE BITUMINOUS COATED ON OUTSIDE AND PROPERLY LINE ON INSIDE WITH CONCRETE,
BITUMINOUS OF POLYETHYLENE AS ACCEPTABLE BY CITY ENGINEER. PIPE TO BE CLASS 51.

PRICE PER LINEAR FEET										
ITEM NO	DESCRIPTION	DEPTH IN FEET								
		0/6	6/8	8/10	10/1	12/14	14/1	16/1	18/20	20/2
17	18" SEWER PIPE									
18	21" (20) SEWER									
19	24" SEWER PIPE									
20	27" SEWER PIPE									
21	30" SEWER PIPE									
22	36" SEWER PIPE									
TOTAL										

SECTION V

PRECAST REINFORCED CONCRETE MANHOLES, INCLUDING CONE SECTIONS, RISER, PRECAST BOTTOM,
COATED CORROSION RESISTANT STEPS, MANHOLE FRAME & COVER AS MANUFACTURED BY DEWS
FOUNDRY, MODEL DF-25 J.S. 400 POUNDS, MARKED "SEWER", OR EQUAL. MANHOLES TO BE COATED
INSIDE WITH TWO COMPONENT COAL TAX EPOXY. PRICE TO INCLUDE COMPLETE MANHOLE FOR DEPTH
SHOWN.

PRICE PER LINEAR FEET										
ITEM	DESCRIPTION	DEPTH IN FEET								
		0/6	6/8	8/10	10/1	12/14	14/1	16/1	18/20	20/2
23	48" DIAMETER									
24	60" DIAMETER									
25	72" DIAMETER									
TOTAL										

SECTION VI

WYES OR TEES

WYES SHALL BE OF STANDARD MANUFACTURED AND SHALL BE THE SAME TYPE AND STRENGTH
CLASSIFICATION OF PIPE WITH WHICH THEY ARE TO BE USED. SHALL INCLUDE 1/8 BEND.

PRICE QUOTED EACH					
ITEM	SIZE	MATERIAL			
		PVC	CONCRETE	DUCTILE CL50	DUCTILE CL51
26	8 X 6		N/A	N/A	N/.A
27	10 X 6		N/A	N/A	N/A
28	12 X 6		N/A	N/A	N/A
29	15 X 6		N/A	N/A	N/A
30	18 X 6				
31	21 X 6	N/A			
32	24 X 6	N/A			
33	27 X 6	N/A			
34	30 X 6	N/A			
35	36 X 6	N/A			

TOTAL				
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SECTION VII

FLEXIBLE MANHOLE CONNECTION

FLEXIBLE MANHOLE CONNECTION SHALL BE KOR-N-SEAL AS MANUFACTURED BY NPC SYSTEMS, INC., PRESS-SEAL PSX AS MANUFACTURED BY PROFESSIONAL GASKET CORPORATION, OR APPROVED EQUAL AND SHALL MEET ASTM DESIGNATION C-923.

PRICE QUOTED EACH		
ITEM NO	DESCRIPTION	UNIT PRICE
36	8" FLEXIBLE CONNECTION	
37	10" FLEXIBLE CONNECTION	
38	12" FLEXIBLE CONNECTION	
39	15" FLEXIBLE CONNECTION	
40	18" FLEXIBLE CONNECTION	
41	21" FLEXIBLE CONNECTION	
42	24" FLEXIBLE CONNECTION	
43	27" FLEXIBLE CONNECTION	
44	30" FLEXIBLE CONNECTION	
45	36" FLEXIBLE CONNECTION	
TOTAL		

SECTION VIII

COMMON ITEMS

ITEM	DESCRIPTION	UNIT	PRICE
46	6" SEWER SERVICE INCLUDING BENDS	LF	
47	INSTALL CLEAN-OUT, COMPLETE AND CONNECT EXISTING CUSTOMER SERVICE	EACH	
48	CONNECT NEW LINE INTO EXISTING MANHOLE	EACH	
49	RECONSTRUCT INVERT IN EXISTING MANHOLE	EACH	
50	DROP CONNECTION TO MANHOLE	PER FT OF	
51	WELL POINTING IF NEEDED AND DIRECTED BY CITY ENGINEER	LF	
52	WASH GRAVEL FOR PIPE BEDDING	CUBIC YARD	
53	SELECT BACKFILL, NON-PLASTIC MATERIAL	CUBIC YARD	
54	SELECT BACKFILL FURNISHED BY CITY AT JAMES ST. AND HAULED BY CONTRACTOR TO JOB SITE	CUBIC YARD	
55	CLAY GRAVEL FOR ROAD REPAIR	CUBIC YARD	
56	CLAY GRAVEL FURNISHED BY CITY AT JAMES ST. AND HAULED BY CONTRACTOR TO JOB SITE	CUBIC YARD	
57	REMOVE AND REPLACE CURB AND GUTTER	LF	
58	REMOVE AND REPLACE 4" THICK CONCRETE DRIVES OR WALKS	SY	
59	REMOVE AND REPLACE 6" THICK CONCRETE DRIVES OR WALKS	SY	
60	HOT MIX ASPHALT FOR ROAD REPAIRS	TON	
61	MILLED ASPHALT FOR TEMPORARY ROAD REPAIRS	TON	
62	TOPSOIL FOR YARD REPAIR	CUBIC YARD	
63	BY PASS PUMPING	LF	

64	CLEARING & GRUBBING	PER ACRE	
65	DOZER RENTAL INCLUDING OPERATOR, FUEL, AND MAINTENANCE, CAT D-5 OR EQUAL	PER HOUR	
66	DOZER RENTAL INCLUDING OPERATOR, FUEL, AND MAINTENANCE, JOHN DEERE 450C OR EQUAL	PER HOUR	
67	VACUUM TRUCK RENTAL WITH OPERATOR PER 8 HOUR DAY	PER HOUR	
68	ASPHALT OVERLAY OF STREET WHERE SEWER LINE REPLACED	PRICE PER TON	
69	CRAWLER TRACK HOE RENTAL INCLUDING OPERATOR, FUEL AND MAINTENANCE	PER HOUR	
70	VIBRATING SHEEP FOOT ROLLER	PER HOUR	
70A	SMALL VIBRATING SHEEP FOOT ROLLER	PER HOUR	
71	12-14 C.Y. TANDEM DUMP TRUCK	PER HOUR	
72	RUBBER TIRED BACKHOE 555E OR EQUAL	PER HOUR	
73	TRUCK WITH DUMP TRAILER 22 TO 24 C.Y.	PER HOUR	
74	REMOVE ASPHALT & CONCRETE	PER SQUARE YD	
75	SAW CUT CONCRETE	PER LF	
76	CRUSHED CONCRETE	PER TON	
76A	3 INCH WATER PUMP	PER DAY	
76B	4 INCH WATER PUMP	PER DAY	
76C	6 INCH WATER PUMP	PER DAY	
76D	SERVICE TRUCK WITH TWO MEN	PER HOUR	
76E	MINI TRACK EXCAVATOR	PER HOUR	
76F	RIP RAP 100# PLUS	PER TON	
76G	STEEL BENTS WITH 2 8" X 8" BEAMS, 20' LONG	EACH	
76H	ADDITIONAL COST FOR STEEL BENT OVER 20'	LF	
76I	SKID STEER WITH HYDRAULIC BREAKER	PER HOUR	
76J	JET TRUCK FOR LINE CLEANING	PER HOUR	
76K	RUBBER TRACK OFF RAD DUMP, MINIMUM 5 CYLINDER	PER HOUR	
76L	GRINDER STATION WITH DUAL PUMPS, 60" WET WELL, MAXIMUM 12 FEET DEPTH, MAXIMUM 3 HP PUMPS	EACH	
76M	SPECIAL FITTINGS AND SUBMERSIBLE PUMPS, INVOICE COST PLUS PERCENT FOR HANDLING	PERCENT	
76N	8 INCH WATER PUMP	PER DAY	
76O	10 INCH WATER PUMP	PER DAY	
76P	12 INCH WATER PUMP	PER DAY	
76Q	MISCELLANEOUS CONCRETE	PER CUBIC YARD	
76R	DRY PIT AND WET PIT SUBMERSIBLE OR CENTRIFUGAL PUMPS, INVOICE COST PLUS PERCENT FOR HANDLING	PER CENT	
76S	SAW CUT ASPHALT ALL DEPTHS	PER LF	

TOTAL	
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SECTION IX

INSTALLATION OF STORM DRAIN OF VARIOUS SIZES AND NECESSARY APPURTENANCES. CONTRACTOR TO FURNISH ALL LABOR AND EQUIPMENT AND CITY OF HATTIESBURG TO PROVIDE ALL MATERIAL INCLUDING PIPE JOINT MATERIALS, INLETS, GRATES, BRICK, BLOCK, CEMENT, SAND AND OTHER ITEMS OF MATERIAL AS NEEDED.

ITEM	DESCRIPTION	DEPTH IN FEET				
		0/4	4/6	6/8	8/10	10/12
77	12" OR ARCH EQUIVALENT					
78	15" OR ARCH EQUIVALENT					
79	18" OR ARCH EQUIVALENT					
80	21" OR ARCH EQUIVALENT					
81	24" OR ARCH EQUIVALENT					
82	27" OR ARCH EQUIVALENT					
83	30" OR ARCH EQUIVALENT					
84	36" OR ARCH EQUIVALENT					
85	42" OR ARCH EQUIVALENT					
86	48" OR ARCH EQUIVALENT					
87	54" OR ARCH EQUIVALENT					
88	60" OR ARCH EQUIVALENT					
89	72" OR ARCH EQUIVALENT					
TOTAL						

90	INLET OR JUNCTION BOX PER FOOT OF DEPTH	UNIT	PRICE
a	12", 15" & 18" PIPE SIZES	PER FOOT OF	
b	21", 24" & 27" PIPE SIZES	PER FOOT OF	
c	30" & 36" PIPE SIZES	PER FOOT OF	
d	42" & 48" PIPE SIZES	PER FOOT OF	
e	54" & 60" PIPE SIZES	PER FOOT OF	
f	72" PIPE SIZE	PER FOOT OF	
TOTAL			

91	LABOR ONLY FOR POURING CONCRETE BOTTOM	UNIT	PRICE
a	12" THRU 24" PIPE	LUMP SUM	
b	27" THRU 42" PIPE	LUMP SUM	
c	48" THRU 72" PIPE	LUMP SUM	
TOTAL			

92	FURNISHING LABOR, EQUIPMENT AND MATERIAL	UNIT	PRICE
a	2" STEEL CASING	PER LINEAR FOOT	
b	4" STEEL CASING	PER LINEAR FOOT	
c	6" STEEL CASING	PER LINEAR FOOT	
d	8" STEEL CASING	PER LINEAR FOOT	
e	10" STEEL CASING	PER LINEAR FOOT	
f	12" STEEL CASING	PER LINEAR FOOT	
g	14" STEEL CASING	PER LINEAR FOOT	
h	16" STEEL CASING	PER LINEAR FOOT	
i	18" STEEL CASING	PER LINEAR FOOT	
j	20" STEEL CASING	PER LINEAR FOOT	
k	24" STEEL CASING	PER LINEAR FOOT	
l	30" STEEL CASING	PER LINEAR FOOT	
m	36" STEEL CASING	PER LINEAR FOOT	
TOTAL			

SECTION X

MOBILIZATION CHARGE

ITEM	PROJECT SIZE	UNIT	PRICE
93	LESS THAN \$10,000	LUMP SUM	
94	\$10,001 TO \$20,000	LUMP SUM	
95	\$20,001 TO \$30,000	LUMP SUM	
96	\$30,001 AND ABOVE	LUMP SUM	
TOTAL			
THE CITY MAY ADD ADDITIONAL WORK IF THE CONTRACTOR HAS NOT COMPLETED AN EXISTING WORK ORDER BY ISSUING ADDITIONAL PURCHASE ORDERS.			

SECTION XI

INSTALLATION ON PRECAST BOX CULVERTS FURNISHED BY THE CITY

ITEM NO	DESCRIPTION	PRICE PER FOOT
97	4 X 2	
98	4 X 4	
99	6 X 4	
100	8 X 4	
101	10 X 4	
102	6 X 5	
103	8 X 5	
104	10 X 5	
105	6 X 6	
106	8 X 6	

107	10 X 6	
108	8 X 8	
109	10 X 8	
	TOTAL	

SECTION XII

INSTALLING SEWER LINE BY DIRECTIONAL BORING

ITEM NO	DESCRIPTION	PRICE PER FOOT
110	6" HPDE PIPE SDR 11	
111	8" HPDE PIPE SDR 11	
112	10" HPDE PIPE SDR 11	
113	12" HPDE PIPE SDR 11	
114	15" HPDE PIPE SDR 11	
	TOTAL	

NAME OF COMPANY

STREET/P.O. ADDRESS

CITY/STATE & ZIP CODE

PHONE NUMBER & FAX NUMBER

DATE OF BID

CERTIFICATE OF RESPONSIBILITY NO.

OFFICIAL'S NAME & TITLE

OFFICIAL'S SIGNATURE

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, March 15, 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:

ITEM #28: REPLACEMENT PARTS FOR AERATORS AT THE LAGOONS FOR THE HATTIESBURG WATER DEPARTMENT

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 ABID@ 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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/1/2018

**SPECIFICATIONS FOR ITEM #28: REPLACEMENT PARTS FOR AERATORS AT THE
LAGOONS FOR THE HATTIESBURG WATER DEPARTMENT**

Bidder shall bid on furnishing Replacement Parts for Aerators at the North and South Lagoons for the Hattiesburg Water Department, which meet or exceed the following specifications, to-wit:

15 H.P. Motors:

1800 RPM
208-230/460 volts 60 Hz
Motor Frame 254 T
Service Factor 1.25
U.S. Motors Catalog number U15P2D or equivalent

10 H.P. Motors

1800 RPM
208-330/460 volts 60 Hz
Motor frame 215 T
Service Factor 1.25
U.S. Motors catalog number U10P2D or equivalent

Belts

RBX048-2 or equivalent
RBX042-2 or equivalent
RBX040-2 or equivalent

Sheave and bushings

2B8.6 SK QD Sheave
2B4.6 SK QD Sheave
1-5/16 inch SK QD Bushing
1-5/8 inch SK QD Bushing

Gear Boxes

Sumitomo 215G Gear reducer 14:1 ratio or equivalent with taper grip bushing

Bolt-on Bulkhead with four bolt hole pattern or equivalent parts included in the assembly are

2-15/16" x 9" long shaft
3-7/16" plastic bearing
2 15/16" x 3 7/16" Bronze Bushing
3 7/16" Lock Collar

Pontoons

22" x 8' Aluminum floats with foam part number WAF2208F or equivalent
25" x 8' Aluminum floats with foam part number WAF2508F or equivalent
27" x 8' Aluminum floats with foam part number WAF2708F or equivalent

The City will accept the lowest and best bid for all replacement parts for the aerator. Replacement parts will be evaluated on conformance with specifications, quality, and reliability of the vendor, and will be awarded on a part by part basis.

It is not our intention to restrict or inhibit any vendor from bidding other manufacturers and/or parts than those listed in these specifications.
However, the parts requested must be compatible with the existing equipment.

PAYMENT TERMS: Remittance within thirty (30) days from satisfactory delivery of goods and/or receipt of invoice(s).

PRICES shall be FIRM for a period beginning on April 1, 2018 and ending March 31, 2020, items to be purchased as required.

The City of Hattiesburg and/or the vendor has the option to terminate the contract after a period of one year.

DELIVERY: F.O.B. Hattiesburg, Mississippi, within fourteen (14) working days from issuance of purchase order, freight prepaid.

The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders. State Law prohibits the consideration of bids received after the date and time advertised for receipt of Sealed bids.

SEALED BIDS must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

BID
ITEM #28 REPLACEMENT PARTS FOR AERATORS AT THE
LAGOONS FOR THE HATTIESBURG WATER DEPARTMENT
SUBMITTED BY 10:00 A.M. THURSDAY, MARCH 15, 2018
CERTIFICATE OF RESPONSIBILITY NO. _____

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 and bids received and to waive informalities.

APPROVED on this, the 20th day of February, 2018.

MISSISSIPPI

CITY OF HATTIESBURG,

BY: _____

CITY CLERK

SPECIFICATIONS APPROVED BY:

WATER DEPARTMENT

ITEM #28- REPLACEMENT PARTS FOR AERATORS AT THE LAGOONS FOR THE HATTIESBURG WATER DEPARTMENT

ITEM	MANUFACTURER/MODEL #	UNIT BID PRICE

15 H.P. Motors		
10 H.P. Motors		
RBX048-2 Belt (or equivalent)		
RBX042-2 Belt (or equivalent)		
RBX040-2 Belt (or equivalent)		
2B8.6 SK QD Sheave		
2B4.6 SK QD Sheave		
1-5/16" SK QD Bushing		
1-5/8" SK QD Bushing		
Sumitomo 215G Gear Reducer 14:1 ratio (or equivalent)		
2-15/16" x 9" long shaft		
3-7/16" plastic bearing		
2 15/16" x 3 7/16" Bronze Bushing		
3 7/16" Lock Collar		
22" x 8' Aluminum floats		
25" x 8' Aluminum floats		
27" x 8' Aluminum floats		
TOTAL BID PRICE		

NAME OF COMPANY

STREET/P.O. ADDRESS

CITY/STATE & ZIP CODE

PHONE NUMBER & FAX NUMBER

DATE OF BID

OFFICIAL'S NAME & TITLE

OFFICIAL'S SIGNATURE

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, March 15, 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:

ITEM #11: CHLORINE GAS IN 150 LB AND ONE TON CONTAINERS FOR
THE CITY OF HATTIESBURG WATER DEPARTMENT

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 ABID@ and the NAME OF ITEM on which bid is being made and the DATE OF BID OPENING.

ELECTRONIC BIDS / REVERSE AUCTIONS:

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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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/1/2018

SPECIFICATIONS FOR ITEM # 11: CHLORINE GAS IN 150 LB AND ONE TON CONTAINERS FOR THE CITY OF HATTIESBURG WATER DEPARTMENT

Bidder shall bid on furnishing Chlorine Gas, which meets or exceeds the following specifications, to-wit:

100% active Chlorine Gas suitable for water purification, in 150 pound and one (1) ton containers.

Price shall include delivery by truck equipped with loading and unloading mechanism to handle containers at point of delivery. No overhead lifting facilities available at point of delivery.

Must meet all requirements of AWWA Standard #B301-81.

The City of Hattiesburg will only accept bids for products manufactured and assembled/packaged in plants located in the United States. Written Certification shall be provided upon request of Hattiesburg Water Department Officials.

PAYMENT TERMS: Remittance within forty-five (45) days from satisfactory delivery of goods and/or receipt of invoice(s).

PRICES shall be FIRM for a period beginning on **April 1, 2018**, and ending **March 31, 2020**, items to be purchased as required.

The City of Hattiesburg and/or the vendor has the option to terminate the contract after a period of one year.

DELIVERY: Within twenty-four (24) hours after issuance of purchase order, F.O.B. Hattiesburg, Mississippi, as indicated on Purchase Order, freight prepaid to all the following locations located within the city limits of Hattiesburg, Mississippi:

Richburg Tank	2221 S 40 th Avenue
Methodist Tank	450 Weathersby Road
4 th Street Well	3320 W 4 th Street
USM Tank and Well	2811 W 4 th Street
North Lagoon	3401 Lakeview Road
South Lagoon	1903 E Hardy Street
Turner Road Wells and Tank	135 J. Ed Turner Drive
Booster Station @ Industrial Tank	Tatum Blvd.
Lake Estates	1101 Lake Estates Drive
(two wells and tank)	Booster Station Lincoln Rd

NOTE: DELIVERY OF CHLORINE GAS CYLINDERS BY REAR TANDEM AXLE VEHICLE IS NOT POSSIBLE DUE TO RESTRICTED ACCESS. DELIVERY SHALL BE ACOMPLISHED BY SINGLE AXLE VEHICLE TO THE ABOVE LOCATIONS.

The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders. State Law prohibits the consideration of bids received after the date and time advertised for receipt of Sealed bids.

SEALED BIDS must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

**BID
ITEM #11 CHLORINE GAS IN 150 LB AND 1 TON CONTAINERS
HATTIESBURG WATER DEPARTMENT
SUBMITTED BY 10:00 A.M. THURSDAY MARCH 15, 2018**

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 21-7-13 of the Mississippi Code of 1972, Annotated as Amended, and other applicable State Law; but the Council reserves the right to reject any and all bids received and to waive informalities.

Approved on this, the 20th day of February, 2018.

City of Hattiesburg, Mississippi

By: _____
CITY CLERK

SPECIFICATIONS APPROVED BY:

DIRECTOR, WATER DEPARTMENT

**ITEM# 11 CHLORINE GAS IN 150 LB AND ONE TON CONTAINERS FOR THE HATTIESBURG
WATER DEPARTMENT**

ITEM	UNIT	PRICE
CHLORINE-150 LB. CONTAINERS (PRICE PER 150 POUND CONTAINER)		
CHLORINE-1 TON CONTAINERS (PRICE PER 1 TON CONTAINER)		

NAME OF COMPANY

STREET ADDRESS OR POST OFFICE BOX

CITY, STATE, ZIPCODE

PHONE NUMBER

FAX NUMBER

DATE OF BID

SIGNATURE OF OFFICIAL COMPANY REPRESENTATIVE

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, March 15, 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:

ITEM #11: CHLORINE GAS IN 150 LB AND ONE TON CONTAINERS FOR
THE CITY OF HATTIESBURG WATER DEPARTMENT

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 ABID@ and the NAME OF ITEM on which bid is being made and the DATE OF BID OPENING.

ELECTRONIC BIDS / REVERSE AUCTIONS:

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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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI



CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/1/2018

SPECIFICATIONS FOR ITEM # 11: CHLORINE GAS IN 150 LB AND ONE TON CONTAINERS FOR THE CITY OF HATTIESBURG WATER DEPARTMENT

Bidder shall bid on furnishing Chlorine Gas, which meets or exceeds the following specifications, to-wit:

100% active Chlorine Gas suitable for water purification, in 150 pound and one (1) ton containers.

Price shall include delivery by truck equipped with loading and unloading mechanism to handle containers at point of delivery. No overhead lifting facilities available at point of delivery.

Must meet all requirements of AWWA Standard #B301-81.

The City of Hattiesburg will only accept bids for products manufactured and assembled/packaged in plants located in the United States. Written Certification shall be provided upon request of Hattiesburg Water Department Officials.

PAYMENT TERMS: Remittance within forty-five (45) days from satisfactory delivery of goods and/or receipt of invoice(s).

PRICES shall be FIRM for a period beginning on April 1, 2018, and ending March 31, 2020, items to be purchased as required.

The City of Hattiesburg and/or the vendor has the option to terminate the contract after a period of one year.

DELIVERY: Within twenty-four (24) hours after issuance of purchase order, F.O.B. Hattiesburg, Mississippi, as indicated on Purchase Order, freight prepaid to all the following locations located within the city limits of Hattiesburg, Mississippi:

Richburg Tank	2221 S 40 th Avenue
Methodist Tank	450 Weathersby Road
4 th Street Well	3320 W 4 th Street
USM Tank and Well	2811 W 4 th Street
North Lagoon	3401 Lakeview Road
South Lagoon	1903 E Hardy Street
Turner Road Wells and Tank	135 J. Ed Turner Drive
Booster Station @ Industrial Tank	Tatum Blvd.
Lake Estates	1101 Lake Estates Drive
(two wells and tank)	Booster Station Lincoln Rd

**ITEM# 11 CHLORINE GAS IN 150 LB AND ONE TON CONTAINERS FOR THE HATTIESBURG
WATER DEPARTMENT**

ITEM	UNIT	PRICE
CHLORINE-150 LB. CONTAINERS (PRICE PER 150 POUND CONTAINER)		
CHLORINE-1 TON CONTAINERS (PRICE PER 1 TON CONTAINER)		

NAME OF COMPANY

STREET ADDRESS OR POST OFFICE BOX

CITY, STATE, ZIPCODE

PHONE NUMBER

FAX NUMBER

DATE OF BID

SIGNATURE OF OFFICIAL COMPANY REPRESENTATIVE

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, March 15, 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:

**ITEM #13: SODIUM FLUORASILICATE AND SODIUM FLUORIDE FOR THE HATTIESBURG
WATER DEPARTMENT**

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 ABID@ 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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

A handwritten signature in blue ink, appearing to be 'K. A.', is written over a horizontal line.

CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/1/2018

SPECIFICATIONS FOR ITEM #13: SODIUM FLUORASILICATE AND SODIUM FLUORIDE FOR THE HATTIESBURG WATER DEPARTMENT

Bidder shall bid on furnishing Sodium Fluorosilicate, which meets or exceeds the following specifications, to-wit:

Sodium Fluorosilicate, Na_2SiF_6 powder form, white in color

Must meet current AWWA B701-84 specifications:
In fifty (50) pound bags

Bidder shall bid on furnishing Sodium Fluoride, which meets or exceeds the following specifications, to-wit:

Sodium Fluoride, NaF granular form, white in color

Must meet current AWWA B701-84 specifications:
In fifty (50) pound bags

The City of Hattiesburg will only accept bids for products manufactured and assembled/packaged in plants located in the United States. Written certification shall be provided upon request of Hattiesburg Water Department Officials.

Delivery shall be accomplished using a flatbed trailer to accommodate use of a ground level forklift for unloading pallets.

PAYMENT TERMS: Remittance within thirty (30) days from satisfactory delivery of goods and/or receipt of invoice(s).

PRICES shall be FIRM for a period beginning on April 1, 2018, and ending March 31, 2020, items to be purchased as required.

The City of Hattiesburg and/or the vendor has the option to terminate the contract after a period of one year.

DELIVERY: F.O.B. Hattiesburg, Mississippi, within five (5) working days from issuance of purchase order, within the hours of 7:00 A.M. and 2:00 P.M., freight prepaid.

The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders. State Law prohibits the consideration of bids received after the date and time advertised for receipt of Sealed bids.

SEALED BIDS must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

**BID
SODIUM FLUORASILICATE AND SODIUM FLUORIDE -
HATTIESBURG WATER DEPARTMENT, ITEM #13
SUBMITTED BY 10:00 A.M. Thursday March 15, 2018**

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 and all bids received and to waive informalities.

APPROVED on this, the 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
CITY CLERK

SPECIFICATIONS APPROVED BY:

WATER DEPARTMENT

ITEM #13 - SODIUM FLUORASILICATE AND SODIUM FLUORIDE FOR THE
HATTIESBURG WATER DEPARTMENT

ITEM	UNIT BID PRICE
SODIUM FLUORASILICATE 50 LB. BAGS (PRICE PER 50 LB BAG)	
SODIUM FLUORIDE 50 LB. BAGS (PRICE PER 50 LB BAG)	

NAME OF COMPANY

STREET/P.O. ADDRESS

CITY/STATE & ZIP CODE

PHONE NUMBER & FAX NUMBER

DATE OF BID

OFFICIAL'S NAME & TITLE

OFFICIAL'S SIGNATURE

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, March 15, 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:

**ITEM #20: FURNISH LABOR, EQUIPMENT AND MATERIAL FOR REPAIR, REPLACEMENT OR
INSTALLATION OF DUCTILE IRON OR PVC WATER LINES AND FITTINGS FOR THE
HATTIESBURG WATER DEPARTMENT**

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 ABID@ and the NAME OF ITEM on which bid is being made and the DATE OF BID OPENING.

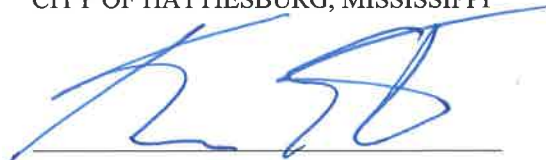
ELECTRONIC BIDS / REVERSE AUCTIONS:

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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI



CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/1/2018

**SPECIFICATIONS FOR ITEM #20: FURNISH LABOR, EQUIPMENT AND MATERIAL FOR
REPAIR, REPLACEMENT OR INSTALLATION OF DUCTILE
IRON OR PVC WATER LINES AND FITTINGS FOR THE
HATTIESBURG WATER DEPARTMENT**

Bidder shall bid on furnishing all labor, equipment, materials, insurance performance and payment bond where requested, and other necessary appurtenances and other conditions as shown in specifications on file in the City of Hattiesburg Engineering Department and shall be familiar with the subsurface condition within the City of Hattiesburg surrounding the work area.

Bidder shall have available or in his possession equipment of sufficient size and quantity to properly perform said project. Bidder will prepare a list of all equipment he has available to perform the work as shown in specifications on file in the City of Hattiesburg Engineering Department. Equipment list will not include leased or rented equipment.

Bidder will be allowed an allowance of one and one half percent of the total cost of a project if a performance and payment is requested by the City Engineer or his representative on a particular project. Bidder will carry sufficient insurance as outlined in specifications on file and will attach a certificate of insurance to his bid proposal.

Much of the work involved under this proposal could be of an emergency nature and it will be necessary that the successful bidder be able to respond and commence work within a two (2) hour time frame after work order has been issued.

Bidder will be properly licensed within the State of Mississippi for water construction work and will place license number and certificate of responsibility number on bid and in the lower left hand corner of the envelope as required by law.

Work performed under the terms of this contract which provides new installation or repair of water lines shall not exceed one hundred and fifty thousand dollars (\$150,000.00) per project as provided by state law. The City of Hattiesburg reserves the right to bid any and all projects, as determined by the City Engineer, on an individual basis and have said work performed by the successful bidder, or have work performed under this contract, whichever is in the City's best interest.

Pursuant to Section 31-5-51 of the Mississippi Code (Amended) which requires certain vendors have liability insurance, the successful bidder shall furnish to the City of Hattiesburg, before entering into any such contract, proof of general liability insurance coverage in the amount not less than one million dollars (\$1,000,000.00) for bodily injury and property damage.

The City reserves the right to award multiple categories or line items to the lowest and best bidder. All bidders must list the manufacturer and model or part number for each product offered.

PAYMENT TERMS: Remittance within thirty (30) days from satisfactory delivery of goods and/or receipt of invoice(s).

PRICES shall be FIRM for a period beginning on April 1, 2018 and ending March 31, 2020, items to be purchased as required.

The City of Hattiesburg and/or the vendor has the option to terminate the contract after a period of one year.

The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders. State Law prohibits the consideration of bids received after the date and time advertised for receipt of Sealed bids.

SEALED BIDS must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

BID

**ITEM #20 FURNISH LABOR, EQUIPMENT AND MATERIAL FOR REPAIR,
REPLACEMENT OR INSTALLATION OF DUCTILE IRON OR PVC WATER
LINES AND FITTINGS FOR THE HATTIESBURG WATER DEPARTMENT
SUBMITTED BY 10:00 A.M. THURSDAY, MARCH 15, 2018**

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 and all bids received and to waive informalities.

APPROVED on this, the 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

BY: 

CITY CLERK

SPECIFICATIONS APPROVED BY:

WATER DEPARTMENT

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, March 15, 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:

ITEM #26: SANITARY SEWER LINE AND STORM SEWER REPAIR OR REPLACEMENT

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 ABID@ 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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI



CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/1/2018

SPECIFICATIONS FOR ITEM #26:

**SANITARY SEWER LINE AND STORM SEWER REPAIR OR REPLACEMENT AND NEW
INSTALLATION AS PROVIDED HEREIN FOR THE PUBLIC SERVICES DEPARTMENT**

Bidder shall bid on furnishing all labor, equipment, materials, insurance performance and payment bond where requested, and other necessary appurtenances and other conditions as shown in specifications on file in the City of Hattiesburg Engineering Department and shall be familiar with the subsurface condition within the City of Hattiesburg surrounding the construction of any proposed project.

Bidder shall have available or in his possession equipment of sufficient size and quantity to properly perform said project. Bidder will prepare a list of all equipment he owns available to perform the work as shown in specifications on file in the City of Hattiesburg Engineering Department and submit with bid.

Bidder will be allowed an allowance of one and one-half percent of the total cost of a project if a performance and payment is requested by the City Engineer or his representative on a particular project. Bidder will carry sufficient insurance as outlined in specifications on file and will attach a certificate of insurance to his bid proposal.

Much of the work involved under this proposal could be of an emergency nature and it will be necessary that the successful bidder be able to respond and commence work within a 24 or 72-hour time frame after work order has been issued.

Bidder will be properly licensed within the State of Mississippi for sewer construction work and will place license number and certificate of responsibility number on bid and in the lower left-hand corner of the envelope as required by law.

Work performed under the terms of this contract which provides new installation of sanitary and storm sewer shall not exceed one hundred and fifty thousand dollars (\$150,000.00) per project as provided by state law. The City of Hattiesburg reserves the right to bid any and all projects, as determined by the City Engineer, on an individual basis and have said work performed by the successful bidder, or have work performed under this contract, whichever is in the City's best interest.

Pursuant to Section 31-5-51 of the Mississippi Code (Amended) which requires certain vendors have liability insurance, the successful bidder shall furnish to the City of Hattiesburg, before entering into any such contract, proof of general liability insurance coverage in the amount not less than one million dollars (\$1,000,000.00) for bodily injury and property damage.

PAYMENT TERMS: Remittance within thirty (30) days from satisfactory delivery of goods and/or receipt of invoice(s).

PRICES shall be FIRM for a period beginning on April 1, 2018, and ending March 31, 2020, items to be purchased as required.

The City of Hattiesburg and/or the vendor has the option to terminate the contract after a period of one year.

DELIVERY: F.O.B. Hattiesburg, Mississippi, as indicated on Purchase Order, freight prepaid.

The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders. State Law prohibits the consideration of bids received after the date and time advertised for receipt of Sealed bids.

SEALED BIDS must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

BID
ITEM #26 SANITARY SEWER LINE AND STORM SEWER REPAIR OR
REPLACEMENT AND NEW INSTALLATION AS PROVIDED HEREIN
FOR CITY OF HATTIESBURG
SUBMITTED BY 10:00 A.M. THURSDAY, MARCH 15, 2018
CERTIFICATE OF RESPONSIBILITY NO. _____

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 and all bids received and to waive informalities.

APPROVED on this, the 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

BY: 

CITY

CLERK

SPECIFICATIONS APPROVED BY:

PUBLIC SERVICES DEPARTMENT

ITEM #26 - SANITARY SEWER LINE AND STORM SEWER REPAIR OR REPLACEMENT AND NEW
INSTALLATION AS PROVIDE HEREIN FOR THE PUBLIC SERVICES DEPARTMENT

SECTION I

PVC SOLID WALL PIPE SDR 26, RUBBER GASKET JOINTS, ASTM D 3034

PRICE PER LINEAR FEET										
ITEM	DESCRIPTION	DEPTH IN FEET								
		0/6	6/8	8/10	10/12	12/1	14/1	16/1	18/20	20/2
1	8" SEWER									
2	10" SEWER									
3	12" SEWER									
4	15" SEWER									
5	18" SEWER									
TOTAL										

SECTION II

CONCRETE PIPE FOR SANITARY SEWER, CLASS III, "0" RING TYPE JOINT, "0" RING TO MEET
ASTM DESIGNATION C 443. SEWER PIPE TO BE COATED INSIDE WITH TWO COMPONENT COAL TAR
EPOXY APPROVED BY CITY ENGINEER.

[illegible]

SECTION III

DUCTILE IRON SEWER PIPE WITH PUSH-ON JOINT IN ACCORDANCE WITH ANSI 21.11 (AWWA C 111),
PIPE TO BE BITUMINOUS COATED ON OUTSIDE AND PROPERLY LINE ON INSIDE WITH
CONCRETE,
BITUMINOUS OF POLYETHYLENE AS ACCEPTABLE BY CITY ENGINEER. PIPE TO BE CLASS 50.

[illegible]

SECTION IV

DUCTILE IRON SEWER PIPE WITH PUSH-ON JOINT IN ACCORDANCE WITH ANSI 21.11 (AWWA C 111).
PIPE TO BE BITUMINOUS COATED ON OUTSIDE AND PROPERLY LINE ON INSIDE WITH CONCRETE,
BITUMINOUS OF POLYETHYLENE AS ACCEPTABLE BY CITY ENGINEER. PIPE TO BE CLASS 51.

PRICE PER LINEAR FEET										
ITEM NO	DESCRIPTION	DEPTH IN FEET								
		0/6	6/8	8/10	10/1	12/14	14/1	16/1	18/20	20/2
17	18" SEWER PIPE									
18	21" (20) SEWER									
19	24" SEWER PIPE									
20	27" SEWER PIPE									
21	30" SEWER PIPE									
22	36" SEWER PIPE									
TOTAL										

SECTION V

PRECAST REINFORCED CONCRETE MANHOLES, INCLUDING CONE SECTIONS, RISER, PRECAST BOTTOM,
COATED CORROSION RESISTANT STEPS, MANHOLE FRAME & COVER AS MANUFACTURED BY DEWS
FOUNDRY, MODEL DF-25 J.S. 400 POUNDS, MARKED "SEWER", OR EQUAL. MANHOLES TO BE COATED
INSIDE WITH TWO COMPONENT COAL TAX EPOXY. PRICE TO INCLUDE COMPLETE MANHOLE FOR DEPTH
SHOWN.

PRICE PER LINEAR FEET										
ITEM	DESCRIPTION	DEPTH IN FEET								
		0/6	6/8	8/10	10/1	12/14	14/1	16/1	18/20	20/2
23	48" DIAMETER									
24	60" DIAMETER									
25	72" DIAMETER									
TOTAL										

SECTION VI

WYES OR TEES

WYES SHALL BE OF STANDARD MANUFACTURED AND SHALL BE THE SAME TYPE AND STRENGTH
CLASSIFICATION OF PIPE WITH WHICH THEY ARE TO BE USED. SHALL INCLUDE 1/8 BEND.

PRICE QUOTED EACH					
ITEM	SIZE	MATERIAL			
		PVC	CONCRETE	DUCTILE CL50	DUCTILE CL51
26	8 X 6		N/A	N/A	N/A
27	10 X 6		N/A	N/A	N/A
28	12 X 6		N/A	N/A	N/A
29	15 X 6		N/A	N/A	N/A
30	18 X 6				
31	21 X 6	N/A			
32	24 X 6	N/A			
33	27 X 6	N/A			
34	30 X 6	N/A			
35	36 X 6	N/A			

TOTAL				
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SECTION VII

FLEXIBLE MANHOLE CONNECTION

FLEXIBLE MANHOLE CONNECTION SHALL BE KOR-N-SEAL AS MANUFACTURED BY NPC SYSTEMS, INC.,
PRESS-SEAL PSX AS MANUFACTURED BY PROFESSIONAL GASKET CORPORATION, OR APPROVED EQUAL
AND SHALL MEET ASTM DESIGNATION C-923.

PRICE QUOTED EACH		
ITEM NO	DESCRIPTION	UNIT PRICE
36	8" FLEXIBLE CONNECTION	
37	10" FLEXIBLE CONNECTION	
38	12" FLEXIBLE CONNECTION	
39	15" FLEXIBLE CONNECTION	
40	18" FLEXIBLE CONNECTION	
41	21" FLEXIBLE CONNECTION	
42	24" FLEXIBLE CONNECTION	
43	27" FLEXIBLE CONNECTION	
44	30" FLEXIBLE CONNECTION	
45	36" FLEXIBLE CONNECTION	
TOTAL		

SECTION VIII

COMMON ITEMS

ITEM	DESCRIPTION	UNIT	PRICE
46	6" SEWER SERVICE INCLUDING BENDS	LF	
47	INSTALL CLEAN-OUT, COMPLETE AND CONNECT EXISTING CUSTOMER SERVICE	EACH	
48	CONNECT NEW LINE INTO EXISTING MANHOLE	EACH	
49	RECONSTRUCT INVERT IN EXISTING MANHOLE	EACH	
50	DROP CONNECTION TO MANHOLE	PER FT OF	
51	WELL POINTING IF NEEDED AND DIRECTED BY CITY ENGINEER	LF	
52	WASH GRAVEL FOR PIPE BEDDING	CUBIC YARD	
53	SELECT BACKFILL, NON-PLASTIC MATERIAL	CUBIC YARD	
54	SELECT BACKFILL FURNISHED BY CITY AT JAMES ST. AND HAULED BY CONTRACTOR TO JOB SITE	CUBIC YARD	
55	CLAY GRAVEL FOR ROAD REPAIR	CUBIC YARD	
56	CLAY GRAVEL FURNISHED BY CITY AT JAMES ST. AND HAULED BY CONTRACTOR TO JOB SITE	CUBIC YARD	
57	REMOVE AND REPLACE CURB AND GUTTER	LF	
58	REMOVE AND REPLACE 4" THICK CONCRETE DRIVES OR WALKS	SY	
59	REMOVE AND REPLACE 6" THICK CONCRETE DRIVES OR WALKS	SY	
60	HOT MIX ASPHALT FOR ROAD REPAIRS	TON	
61	MILLED ASPHALT FOR TEMPORARY ROAD REPAIRS	TON	
62	TOPSOIL FOR YARD REPAIR	CUBIC YARD	
63	BY PASS PUMPING	LF	

64	CLEARING & GRUBBING	PER ACRE	
65	DOZER RENTAL INCLUDING OPERATOR, FUEL, AND MAINTENANCE, CAT D-5 OR EQUAL	PER HOUR	
66	DOZER RENTAL INCLUDING OPERATOR, FUEL, AND MAINTENANCE, JOHN DEERE 450C OR EQUAL	PER HOUR	
67	VACUUM TRUCK RENTAL WITH OPERATOR PER 8 HOUR DAY	PER HOUR	
68	ASPHALT OVERLAY OF STREET WHERE SEWER LINE REPLACED	PRICE PER TON	
69	CRAWLER TRACK HOE RENTAL INCLUDING OPERATOR, FUEL AND MAINTENANCE	PER HOUR	
70	VIBRATING SHEEP FOOT ROLLER	PER HOUR	
70A	SMALL VIBRATING SHEEP FOOT ROLLER	PER HOUR	
71	12-14 C.Y. TANDEM DUMP TRUCK	PER HOUR	
72	RUBBER TIRED BACKHOE 555E OR EQUAL	PER HOUR	
73	TRUCK WITH DUMP TRAILER 22 TO 24 C.Y.	PER HOUR	
74	REMOVE ASPHALT & CONCRETE	PER SQUARE YD	
75	SAW CUT CONCRETE	PER LF	
76	CRUSHED CONCRETE	PER TON	
76A	3 INCH WATER PUMP	PER DAY	
76B	4 INCH WATER PUMP	PER DAY	
76C	6 INCH WATER PUMP	PER DAY	
76D	SERVICE TRUCK WITH TWO MEN	PER HOUR	
76E	MINI TRACK EXCAVATOR	PER HOUR	
76F	RIP RAP 100# PLUS	PER TON	
76G	STEEL BENTS WITH 2 8" X 8" BEAMS, 20' LONG	EACH	
76H	ADDITIONAL COST FOR STEEL BENT OVER 20'	LF	
76I	SKID STEER WITH HYDRAULIC BREAKER	PER HOUR	
76J	JET TRUCK FOR LINE CLEANING	PER HOUR	
76K	RUBBER TRACK OFF RAD DUMP, MINIMUM 5 CYLINDER	PER HOUR	
76L	GRINDER STATION WITH DUAL PUMPS, 60" WET WELL, MAXIMUM 12 FEET DEPTH, MAXIMUM 3 HP PUMPS	EACH	
76M	SPECIAL FITTINGS AND SUBMERSIBLE PUMPS, INVOICE COST PLUS PERCENT FOR HANDLING	PERCENT	
76N	8 INCH WATER PUMP	PER DAY	
76O	10 INCH WATER PUMP	PER DAY	
76P	12 INCH WATER PUMP	PER DAY	
76Q	MISCELLANEOUS CONCRETE	PER CUBIC YARD	
76R	DRY PIT AND WET PIT SUBMERSIBLE OR CENTRIFUGAL PUMPS, INVOICE COST PLUS PERCENT FOR HANDLING	PER CENT	
76S	SAW CUT ASPHALT ALL DEPTHS	PER LF	

TOTAL	
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SECTION IX

INSTALLATION OF STORM DRAIN OF VARIOUS SIZES AND NECESSARY APPURTENANCES. CONTRACTOR TO FURNISH ALL LABOR AND EQUIPMENT AND CITY OF HATTIESBURG TO PROVIDE ALL MATERIAL INCLUDING PIPE JOINT MATERIALS, INLETS, GRATES, BRICK, BLOCK, CEMENT, SAND AND OTHER ITEMS OF MATERIAL AS NEEDED.

ITEM	DESCRIPTION	DEPTH IN FEET				
		0/4	4/6	6/8	8/10	10/12
77	12" OR ARCH EQUIVALENT					
78	15" OR ARCH EQUIVALENT					
79	18" OR ARCH EQUIVALENT					
80	21" OR ARCH EQUIVALENT					
81	24" OR ARCH EQUIVALENT					
82	27" OR ARCH EQUIVALENT					
83	30" OR ARCH EQUIVALENT					
84	36" OR ARCH EQUIVALENT					
85	42" OR ARCH EQUIVALENT					
86	48" OR ARCH EQUIVALENT					
87	54" OR ARCH EQUIVALENT					
88	60" OR ARCH EQUIVALENT					
89	72" OR ARCH EQUIVALENT					
TOTAL						

90	INLET OR JUNCTION BOX PER FOOT OF DEPTH	UNIT	PRICE
a	12", 15" & 18" PIPE SIZES	PER FOOT OF	
b	21", 24" & 27" PIPE SIZES	PER FOOT OF	
c	30" & 36" PIPE SIZES	PER FOOT OF	
d	42" & 48" PIPE SIZES	PER FOOT OF	
e	54" & 60" PIPE SIZES	PER FOOT OF	
f	72" PIPE SIZE	PER FOOT OF	
TOTAL			

91	LABOR ONLY FOR POURING CONCRETE BOTTOM	UNIT	PRICE
a	12" THRU 24" PIPE	LUMP SUM	
b	27" THRU 42" PIPE	LUMP SUM	
c	48" THRU 72" PIPE	LUMP SUM	
TOTAL			

92	FURNISHING LABOR, EQUIPMENT AND MATERIAL	UNIT	PRICE
a	2" STEEL CASING	PER LINEAR FOOT	
b	4" STEEL CASING	PER LINEAR FOOT	
c	6" STEEL CASING	PER LINEAR FOOT	
d	8" STEEL CASING	PER LINEAR FOOT	
e	10" STEEL CASING	PER LINEAR FOOT	
f	12" STEEL CASING	PER LINEAR FOOT	
g	14" STEEL CASING	PER LINEAR FOOT	
h	16" STEEL CASING	PER LINEAR FOOT	
i	18" STEEL CASING	PER LINEAR FOOT	
j	20" STEEL CASING	PER LINEAR FOOT	
k	24" STEEL CASING	PER LINEAR FOOT	
l	30" STEEL CASING	PER LINEAR FOOT	
m	36" STEEL CASING	PER LINEAR FOOT	
TOTAL			

SECTION X

MOBILIZATION CHARGE

ITEM	PROJECT SIZE	UNIT	PRICE
93	LESS THAN \$10,000	LUMP SUM	
94	\$10,001 TO \$20,000	LUMP SUM	
95	\$20,001 TO \$30,000	LUMP SUM	
96	\$30,001 AND ABOVE	LUMP SUM	
TOTAL			
THE CITY MAY ADD ADDITIONAL WORK IF THE CONTRACTOR HAS NOT COMPLETED AN EXISTING WORK ORDER BY ISSUING ADDITIONAL PURCHASE ORDERS.			

SECTION XI

INSTALLATION ON PRECAST BOX CULVERTS FURNISHED BY THE CITY

ITEM NO	DESCRIPTION	PRICE PER FOOT
97	4 X 2	
98	4 X 4	
99	6 X 4	
100	8 X 4	
101	10 X 4	
102	6 X 5	
103	8 X 5	
104	10 X 5	
105	6 X 6	
106	8 X 6	

107	10 X 6	
108	8 X 8	
109	10 X 8	
	TOTAL	

SECTION XII

INSTALLING SEWER LINE BY DIRECTIONAL BORING

ITEM NO	DESCRIPTION	PRICE PER FOOT
110	6" HPDE PIPE SDR 11	
111	8" HPDE PIPE SDR 11	
112	10" HPDE PIPE SDR 11	
113	12" HPDE PIPE SDR 11	
114	15" HPDE PIPE SDR 11	
	TOTAL	

NAME OF COMPANY

STREET/P.O. ADDRESS

CITY/STATE & ZIP CODE

PHONE NUMBER & FAX NUMBER

DATE OF BID

CERTIFICATE OF RESPONSIBILITY NO.

OFFICIAL'S NAME & TITLE

OFFICIAL'S SIGNATURE

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, March 15, 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:

ITEM #28: REPLACEMENT PARTS FOR AERATORS AT THE LAGOONS FOR THE HATTIESBURG WATER DEPARTMENT

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 ABID@ 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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

A handwritten signature in blue ink, appearing to be 'K. S. B.', is written over a horizontal line.

CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/1/2018

**SPECIFICATIONS FOR ITEM #28: REPLACEMENT PARTS FOR AERATORS AT THE
LAGOONS FOR THE HATTIESBURG WATER DEPARTMENT**

Bidder shall bid on furnishing Replacement Parts for Aerators at the North and South Lagoons for the Hattiesburg Water Department, which meet or exceed the following specifications, to-wit:

15 H.P. Motors:

1800 RPM
208-230/460 volts 60 Hz
Motor Frame 254 T
Service Factor 1.25
U.S. Motors Catalog number U15P2D or equivalent

10 H.P. Motors

1800 RPM
208-330/460 volts 60 Hz
Motor frame 215 T
Service Factor 1.25
U.S. Motors catalog number U10P2D or equivalent

Belts

RBX048-2 or equivalent
RBX042-2 or equivalent
RBX040-2 or equivalent

Sheave and bushings

2B8.6 SK QD Sheave
2B4.6 SK QD Sheave
1-5/16 inch SK QD Bushing
1-5/8 inch SK QD Bushing

Gear Boxes

Sumitomo 215G Gear reducer 14:1 ratio or equivalent with taper grip bushing

Bolt-on Bulkhead with four bolt hole pattern or equivalent parts included in the assembly are

2-15/16" x 9" long shaft
3-7/16" plastic bearing
2 15/16" x 3 7/16" Bronze Bushing
3 7/16" Lock Collar

Pontoons

22" x 8' Aluminum floats with foam part number WAF2208F or equivalent
25" x 8' Aluminum floats with foam part number WAF2508F or equivalent
27" x 8' Aluminum floats with foam part number WAF2708F or equivalent

The City will accept the lowest and best bid for all replacement parts for the aerator. Replacement parts will be evaluated on conformance with specifications, quality, and reliability of the vendor, and will be awarded on a part by part basis.

It is not our intention to restrict or inhibit any vendor from bidding other manufacturers and/or parts than those listed in these specifications. However, the parts requested must be compatible with the existing equipment.

PAYMENT TERMS: Remittance within thirty (30) days from satisfactory delivery of goods and/or receipt of invoice(s).

PRICES shall be FIRM for a period beginning on April 1, 2018 and ending March 31, 2020, items to be purchased as required.

The City of Hattiesburg and/or the vendor has the option to terminate the contract after a period of one year.

DELIVERY: F.O.B. Hattiesburg, Mississippi, within fourteen (14) working days from issuance of purchase order, freight prepaid.

The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders. State Law prohibits the consideration of bids received after the date and time advertised for receipt of Sealed bids.

SEALED BIDS must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

BID
ITEM #28 REPLACEMENT PARTS FOR AERATORS AT THE
LAGOONS FOR THE HATTIESBURG WATER DEPARTMENT
SUBMITTED BY 10:00 A.M. THURSDAY, MARCH 15, 2018
CERTIFICATE OF RESPONSIBILITY NO. _____

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 and bids received and to waive informalities.

APPROVED on this, the 20th day of February, 2018.

MISSISSIPPI

CITY OF HATTIESBURG,

BY: 

CITY CLERK

SPECIFICATIONS APPROVED BY:

WATER DEPARTMENT

ITEM #28- REPLACEMENT PARTS FOR AERATORS AT THE LAGOONS FOR THE
HATTIESBURG WATER DEPARTMENT

ITEM	MANUFACTURER/MODEL #	UNIT BID PRICE

15 H.P. Motors		
10 H.P. Motors		
RBX048-2 Belt (or equivalent)		
RBX042-2 Belt (or equivalent)		
REX040-2 Belt (or equivalent)		
2B8.6 SK QD Sheave		
2B4.6 SK QD Sheave		
1-5/16" SK QD Bushing		
1-5/8" SK QD Bushing		
Sumitomo 215G Gear Reducer 14:1 ratio (or equivalent)		
2-15/16" x 9" long shaft		
3-7/16" plastic bearing		
2 15/16" x 3 7/16" Bronze Bushing		
3 7/16" Lock Collar		
22" x 8' Aluminum floats		
25" x 8' Aluminum floats		
27" x 8' Aluminum floats		
TOTAL BID PRICE		

NAME OF COMPANY

STREET/P.O. ADDRESS

CITY/STATE & ZIP CODE

PHONE NUMBER & FAX NUMBER

DATE OF BID

OFFICIAL'S NAME & TITLE

OFFICIAL'S SIGNATURE



City of Hattiesburg, MS

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

Master

File Number: 2018-243

File ID: 2018-243

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: LaTasha McDaniel

File Created: 02/13/2018

Brief Title: Approve Specifications and Authorize Publication of
Advertisement for Various Term Bid Items

Final Action:

Minute Book Number: MB2018-44

Title:

Approve Specifications and Authorize Publication of Advertisement for
Various Term Bid Items for the City of Hattiesburg Public Works Department
beginning April 1, 2018.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: VI.-10

Sponsors:

Enactment Date:

Attachments: Item #2 Notice to Bidders, Item #2 Specifications,
Item #2A Notice to Bidders, Item #2A Specifications,
executed Notice to Bidders for Item #2 and Item #2A

Enactment Number:

Contact:

Meeting Date: 02/20/2018

Drafter: LaTasha McDaniel

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	02/20/2018					

Text of Legislative File 2018-243

Title

Approve Specifications and Authorize Publication of Advertisement for Various Term Bid Items
for the City of Hattiesburg Public Works Department beginning April 1, 2018.

Summary

Approve Specifications and Authorize Publication of Advertisement for Various Term Bid Items

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Advertise February 22, 2018 & March 1, 2018

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, March 15, 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:

ITEM #2: REPAIR AND REHABILITATION OF CITY STREETS

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 ABID@ 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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/12/2018

**SPECIFICATIONS FOR ITEM #2: REPAIR AND REHABILITATION OF STREETS FOR
THE CITY OF HATTIESBURG**

Bidder shall bid on furnishing materials, labor and equipment to repair and rehabilitate city streets for the City of Hattiesburg which meets or exceeds the Mississippi State Highway Standard Specifications for Road and Bridge Construction, 2004, together with all provisions and/or addendum to the standards, amendments and/or special duty approved and adopted or the Mississippi standard Specifications for State Aid Road and Bridge Construction, whichever is more stringent.

No Vibratory rolling will be allowed. Lot densities will be reduced by one percent to accommodate this. Contractor will be responsible for all sampling and testing upon request.

Bidder will be properly licensed within the State of Mississippi for street construction work.

Temporary traffic control for construction zones shall be included in bid price and subject to referenced specifications. Contractor shall follow the Manual on Uniform Traffic Control Devices.

Work performed under the terms of this contract shall not exceed one hundred and fifty thousand dollars (\$150,000.00) per project as provided by state law. The City of Hattiesburg reserves the right to bid any and all projects, as determined by the City Engineer or Public Works Director, on an individual basis and have said work performed by the successful bidder, or have work performed under this contract, whichever is in the City's best interest.

Contractor shall have 2 weeks to respond to the City with a paving timeline after receipt of paving request (Purchase Order). If contractor fails to respond, doesn't meet paving timeline or paving timeline is insufficient as determined by Public Works Director and/or Engineering Director, the City reserves the right to award the work to the alternate.

Pursuant to Section 31-5-51 of the Mississippi Code (Amended) which requires certain vendors have liability insurance, the successful bidder shall furnish to the City of Hattiesburg, before entering into any such contract, proof of general liability insurance coverage in the amount not less than one million dollars (\$1,000,000.00) for bodily injury and property damage.

PRICES shall be FIRM for a period beginning on April 1, 2018, and ending March 31, 2019, items to be purchased as required.

DELIVERY: F.O.B. Hattiesburg, Mississippi, within seven (7) days of agreed upon paving timeline. Ship in full, freight prepaid. No partial shipment accepted.

PAYMENT TERMS: Remittance within forty-five (45) days from satisfactory delivery of goods and receipt of invoice(s).

The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders. State Law prohibits the consideration of bids received after the date and time advertised for receipt of Sealed bids.

SEALED BIDS must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

BID
ITEM #2 REPAIR AND REHABILITATION OF STREETS
FOR CITY OF HATTIESBURG
SUBMITTED BY 10:00 A.M. THURSDAY, MARCH 15, 2018
CERTIFICATE OF RESPONSIBILITY NO. _____

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 and all bids received and to waive informalities.

APPROVED on this, the 20th day of February, 2018.

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CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
CITY CLERK

SPECIFICATIONS APPROVED BY:

ENGINEERING DEPARTMENT

PUBLIC WORKS DEPARTMENT

BID FORM FOR ITEM #2-REPAIR & REHABILITATION OF STREETS FOR CITY OF HATTIESBURG

PAY ITEM #	PAY ITEM	UNITS	UNIT PRICE
201-B	Clearing and Grubbing	Acre	
202-A	Removal of Existing Traffic Stripe	L.F.	
202-A	Removal of Rail Crossing: Rail Lines and Ties	each	
202-B	Removal of Traffic Stripe by Grinding	L.F.	
203-A	Unclassified Excavation	C.Y.	
203-I	Motor Grader per Hour	hour	
209-A	Geotextile Stabilization, Type V	S.Y.	
225-A	Grassing	Acre	
304-A	Granular Material, Class 9, Group C	C.Y.	
304-F	Crushed Stone or Crushed Concrete Base, size 825, Roadbed Construction	ton	
304-H	Crushed Stone or Crushed Concrete Base, size 825, Base Repair	ton	
307-C	8" Soil-Lime-Water Mixing	S.Y.	
307-D	Lime	ton	
308-A	Portland Cement	ton	
308-B	8" Soil-Cement-Water Mixing at 5% Concentration	S.Y.	
403-A	SC-1 Hot Mix Asphalt Surface Course	ton	
403-M	BB-1 Hot Mix Asphalt Base Course	ton	
406-A	Cold Milling of Asphalt Pavement	ton	
407-A	Asphalt for Tack Coat, EA-4	gallon	
413-A	Joint Sealer Material	gallon	
413-C	Cleaning and Sealing Cracks/Joints	L.F.	
450	Milling Purchase B Price for Contractor to sell milled asphalt material to City of Hattiesburg	ton	

625-A	4" Painted Traffic Stripe, Skip White & Yellow	L.F.	
625-C	4" Painted Traffic Stripe, Continuous White & Yellow	L.F.	
625-E	4" Painted Detail Traffic Stripe	L.F.	
625-F	Painted Legend	S.F.	
626-A	4" Thermoplastic Traffic Stripe, Skip White or Yellow, 90 Mil Thickness	L.F.	
626-B	4" Thermoplastic Traffic Stripe, Continuous White or Yellow, 90 Mil Thickness	L.F.	
626-G	Thermoplastic Detail Stripe 4" equivalent, 90 Mil Thickness	L.F.	
626-H	Thermoplastic Legend, 90 Mil Thickness	S.F.	
627-C	Red-Clear Reflective Raised Markers	each	
627-D	Two-Way Yellow Reflective Raised Markers	each	
	Manhole adjustments	each	
	Water valve adjustments	each	
907-A	Ultra Thin lift	ton	

NAME OF COMPANY

STREET/P.O. ADDRESS

CITY/STATE & ZIP CODE

PHONE NUMBER & EMAIL

DATE OF BID

OFFICIAL'S NAME & TITLE

OFFICIAL'S SIGNATURE

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, March 15, 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:

ITEM #11: CHLORINE GAS IN 150 LB AND ONE TON CONTAINERS FOR
THE CITY OF HATTIESBURG WATER DEPARTMENT

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 ABID@ 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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/1/2018

**SPECIFICATIONS FOR ITEM #2A: PAVING ALTERNATIVES FOR
THE CITY OF HATTIESBURG**

Bidder shall bid on furnishing materials, labor and equipment to repair and rehabilitate city streets for the City of Hattiesburg which meets or exceeds the Mississippi State Highway Standard Specifications for Road and Bridge Construction, 2004, together with all provisions and/or addendum to the standards, amendments and/or special duty approved and adopted or the Mississippi standard Specifications for State Aid Road and Bridge Construction, whichever is more stringent.

Bidder will be properly licensed within the State of Mississippi for street construction work.

Temporary traffic control for construction zones shall be included in bid price and subject to referenced specifications. Contractor shall follow the Manual on Uniform Traffic Control Devices.

Work performed under the terms of this contract shall not exceed one hundred and fifty thousand dollars (\$150,000.00) per project as provided by state law. The City of Hattiesburg reserves the right to bid any and all projects, as determined by the City Engineer, on an individual basis and have said work performed by the successful bidder, or have work performed under this contract, whichever is in the City's best interest.

Pursuant to Section 31-5-51 of the Mississippi Code (Amended) which requires certain vendors have liability insurance, the successful bidder shall furnish to the City of Hattiesburg, before entering into any such contract, proof of general liability insurance coverage in the amount not less than one million dollars (\$1,000,000.00) for bodily injury and property damage.

PRICES shall be FIRM for a period beginning on April 1, 2018, and ending March 31, 2019, items to be purchased as required.

DELIVERY: F.O.B. Hattiesburg, Mississippi, within 60 days from the date the order is received by the accepted bidder. Ship in full, freight prepaid. No partial shipment accepted.

PAYMENT TERMS: Remittance within forty-five (45) days from satisfactory delivery of goods and receipt of invoice(s).

The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders. State Law prohibits the consideration of bids received after the date and time advertised for receipt of Sealed bids.

SEALED BIDS must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

BID
ITEM #2 REPAIR AND REHABILITATION OF STREETS
FOR CITY OF HATTIESBURG
SUBMITTED BY 10:00 A.M. THURSDAY, MARCH 15, 2018
CERTIFICATE OF RESPONSIBILITY NO. _____

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 and all bids received and to waive informalities.

APPROVED on this, the 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

BY: _____
CITY CLERK

SPECIFICATIONS APPROVED BY:

ENGINEERING DEPARTMENT

PUBLIC WORKS DEPARTMENT

BID FORM FOR ITEM #2A PAVING ALTERNATIVES FOR CITY OF HATTIESBURG

PAY ITEM #	PAY ITEM	UNITS	UNIT PRICE
	Micro Surface (Min. 3% polymer)	ton	
	Micro Surface (Min. 6% polymer)	ton	
907-D	Scrub Seal (estimate placing 140,000 Sy)	square yard	
907-E	Fog Seal	gallon	

COMPANY NAME: _____

COMPANY ADDRESS: _____

COMPANY PHONE/FAX: _____

COMPANY OFFICIAL'S NAME (printed): _____

COMPANY OFFICIAL'S SIGNATURE: _____

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, March 15, 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:

ITEM #2: REPAIR AND REHABILITATION OF CITY STREETS

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 ABID@ 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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI



CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/12/2018

**SPECIFICATIONS FOR ITEM #2: REPAIR AND REHABILITATION OF STREETS FOR
THE CITY OF HATTIESBURG**

Bidder shall bid on furnishing materials, labor and equipment to repair and rehabilitate city streets for the City of Hattiesburg which meets or exceeds the Mississippi State Highway Standard Specifications for Road and Bridge Construction, 2004, together with all provisions and/or addendum to the standards, amendments and/or special duty approved and adopted or the Mississippi standard Specifications for State Aid Road and Bridge Construction, whichever is more stringent.

No Vibratory rolling will be allowed. Lot densities will be reduced by one percent to accommodate this. Contractor will be responsible for all sampling and testing upon request.

Bidder will be properly licensed within the State of Mississippi for street construction work.

Temporary traffic control for construction zones shall be included in bid price and subject to referenced specifications. Contractor shall follow the Manual on Uniform Traffic Control Devices.

Work performed under the terms of this contract shall not exceed one hundred and fifty thousand dollars (\$150,000.00) per project as provided by state law. The City of Hattiesburg reserves the right to bid any and all projects, as determined by the City Engineer or Public Works Director, on an individual basis and have said work performed by the successful bidder, or have work performed under this contract, whichever is in the City's best interest.

Contractor shall have 2 weeks to respond to the City with a paving timeline after receipt of paving request (Purchase Order). If contractor fails to respond, doesn't meet paving timeline or paving timeline is insufficient as determined by Public Works Director and/or Engineering Director, the City reserves the right to award the work to the alternate.

Pursuant to Section 31-5-51 of the Mississippi Code (Amended) which requires certain vendors have liability insurance, the successful bidder shall furnish to the City of Hattiesburg, before entering into any such contract, proof of general liability insurance coverage in the amount not less than one million dollars (\$1,000,000.00) for bodily injury and property damage.

PRICES shall be FIRM for a period beginning on April 1, 2018, and ending March 31, 2019, items to be purchased as required.

DELIVERY: F.O.B. Hattiesburg, Mississippi, within seven (7) days of agreed upon paving timeline. Ship in full, freight prepaid. No partial shipment accepted.

PAYMENT TERMS: Remittance within forty-five (45) days from satisfactory delivery of goods and receipt of invoice(s).

The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders. State Law prohibits the consideration of bids received after the date and time advertised for receipt of Sealed bids.

SEALED BIDS must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

BID
ITEM #2 REPAIR AND REHABILITATION OF STREETS
FOR CITY OF HATTIESBURG
SUBMITTED BY 10:00 A.M. THURSDAY, MARCH 15, 2018
CERTIFICATE OF RESPONSIBILITY NO. _____

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 and all bids received and to waive informalities.

APPROVED on this, the 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

BY: 

CITY CLERK

SPECIFICATIONS APPROVED BY:

ENGINEERING DEPARTMENT

PUBLIC WORKS DEPARTMENT

**BID FORM FOR ITEM #2-REPAIR & REHABILITATION OF STREETS FOR CITY OF
HATTIESBURG**

PAY ITEM #	PAY ITEM	UNITS	UNIT PRICE
201-B	Clearing and Grubbing	Acre	
202-A	Removal of Existing Traffic Stripe	L.F.	
202-A	Removal of Rail Crossing: Rail Lines and Ties	each	
202-B	Removal of Traffic Stripe by Grinding	L.F.	
203-A	Unclassified Excavation	C.Y.	
203-I	Motor Grader per Hour	hour	
209-A	Geotextile Stabilization, Type V	S.Y.	
225-A	Grassing	Acre	
304-A	Granular Material, Class 9, Group C	C.Y.	
304-F	Crushed Stone or Crushed Concrete Base, size 825, Roadbed Construction	ton	
304-H	Crushed Stone or Crushed Concrete Base, size 825, Base Repair	ton	
307-C	8" Soil-Lime-Water Mixing	S.Y.	
307-D	Lime	ton	
308-A	Portland Cement	ton	
308-B	8" Soil-Cement-Water Mixing at 5% Concentration	S.Y.	
403-A	SC-1 Hot Mix Asphalt Surface Course	ton	
403-M	BB-1 Hot Mix Asphalt Base Course	ton	
406-A	Cold Milling of Asphalt Pavement	ton	
407-A	Asphalt for Tack Coat, EA-4	gallon	
413-A	Joint Sealer Material	gallon	
413-C	Cleaning and Sealing Cracks/Joints	L.F.	
450	Milling Purchase B Price for Contractor to sell milled asphalt material to City of Hattiesburg	ton	

625-A	4" Painted Traffic Stripe, Skip White & Yellow	L.F.	
625-C	4" Painted Traffic Stripe, Continuous White & Yellow	L.F.	
625-E	4" Painted Detail Traffic Stripe	L.F.	
625-F	Painted Legend	S.F.	
626-A	4"Thermoplastic Traffic Stripe, Skip White or Yellow, 90 Mil Thickness	L.F.	
626-B	4" Thermoplastic Traffic Stripe, Continuous White or Yellow, 90 Mil Thickness	L.F.	
626-G	Thermoplastic Detail Stripe 4" equivalent, 90 Mil Thickness	L.F.	
626-H	Thermoplastic Legend, 90 Mil Thickness	S.F.	
627-C	Red-Clear Reflective Raised Markers	each	
627-D	Two-Way Yellow Reflective Raised Markers	each	
	Manhole adjustments	each	
	Water valve adjustments	each	
907-A	Ultra Thin lift	ton	

NAME OF COMPANY

STREET/P.O. ADDRESS

CITY/STATE & ZIP CODE

PHONE NUMBER & EMAIL

DATE OF BID

OFFICIAL'S NAME & TITLE

OFFICIAL'S SIGNATURE

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, March 15, 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:

ITEM #2A: PAVING ALTERNATIVES FOR THE CITY OF HATTIESBURG

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 ABID@ 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 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI



CITY CLERK

(S E A L)

Publish 2/22/2018 & 3/1/2018

**SPECIFICATIONS FOR ITEM #2A: PAVING ALTERNATIVES FOR
THE CITY OF HATTIESBURG**

Bidder shall bid on furnishing materials, labor and equipment to repair and rehabilitate city streets for the City of Hattiesburg which meets or exceeds the Mississippi State Highway Standard Specifications for Road and Bridge Construction, 2004, together with all provisions and/or addendum to the standards, amendments and/or special duty approved and adopted or the Mississippi standard Specifications for State Aid Road and Bridge Construction, whichever is more stringent.

Bidder will be properly licensed within the State of Mississippi for street construction work.

Temporary traffic control for construction zones shall be included in bid price and subject to referenced specifications. Contractor shall follow the Manual on Uniform Traffic Control Devices.

Work performed under the terms of this contract shall not exceed one hundred and fifty thousand dollars (\$150,000.00) per project as provided by state law. The City of Hattiesburg reserves the right to bid any and all projects, as determined by the City Engineer, on an individual basis and have said work performed by the successful bidder, or have work performed under this contract, whichever is in the City's best interest.

Pursuant to Section 31-5-51 of the Mississippi Code (Amended) which requires certain vendors have liability insurance, the successful bidder shall furnish to the City of Hattiesburg, before entering into any such contract, proof of general liability insurance coverage in the amount not less than one million dollars (\$1,000,000.00) for bodily injury and property damage.

PRICES shall be FIRM for a period beginning on April 1, 2018, and ending March 31, 2019, items to be purchased as required.

DELIVERY: F.O.B. Hattiesburg, Mississippi, within 60 days from the date the order is received by the accepted bidder. Ship in full, freight prepaid. No partial shipment accepted.

PAYMENT TERMS: Remittance within forty-five (45) days from satisfactory delivery of goods and receipt of invoice(s).

The City of Hattiesburg shall not be responsible for any bid sent via U.S. Mail or any other mail courier service which is delivered or received after the date and time listed in said specifications and/or Notice to Bidders. State Law prohibits the consideration of bids received after the date and time advertised for receipt of Sealed bids.

SEALED BIDS must be received in a sealed envelope which is clearly marked in the lower left-hand corner **EXACTLY** as follows:

BID
ITEM #2 REPAIR AND REHABILITATION OF STREETS
FOR CITY OF HATTIESBURG
SUBMITTED BY 10:00 A.M. THURSDAY, MARCH 15, 2018
CERTIFICATE OF RESPONSIBILITY NO. _____

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 and all bids received and to waive informalities.

APPROVED on this, the 20th day of February, 2018.

CITY OF HATTIESBURG, MISSISSIPPI

BY: 

CITY CLERK

SPECIFICATIONS APPROVED BY:

ENGINEERING DEPARTMENT

PUBLIC WORKS DEPARTMENT

BID FORM FOR ITEM #2A PAVING ALTERNATIVES FOR CITY OF HATTIESBURG

PAY ITEM #	PAY ITEM	UNITS	UNIT PRICE
	Micro Surface (Min. 3% polymer)	ton	
	Micro Surface (Min. 6% polymer)	ton	
907-D	Scrub Seal (estimate placing 140,000 Sy)	square yard	
907-E	Fog Seal	gallon	

COMPANY NAME: _____

COMPANY ADDRESS: _____

COMPANY PHONE/FAX: _____

COMPANY OFFICIAL'S NAME (printed): _____

COMPANY OFFICIAL'S SIGNATURE: _____

DATE: _____



City of Hattiesburg, MS

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

Master

File Number: 2018-219

File ID: 2018-219

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Deborah Bourne

File Created: 02/08/2018

Brief Title: Approve the sale of grave spaces, per attached Memo, Receipts, and Deeds.

Final Action:

Minute Book Number: MB2018-44

Title:

Approve the sale of grave spaces, per attached Memo, Receipts, and Deeds.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: VI.-11

Sponsors:

Enactment Date:

Attachments: Memos (02-20-18), Receipts (02-20-18), Deeds (02-20-18)

Enactment Number:

Contact:

Meeting Date: 02/20/2018

Drafter:

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	02/20/2018					

Text of Legislative File 2018-219

[Title](#)

Approve the sale of grave spaces, per attached Memo, Receipts, and Deeds.

[Summary](#)

Approve the sale of grave spaces, per attached Memo, Receipts, and Deeds.

[Budget Information](#)

[Expenditure Type](#)

[Purchasing Item](#)

[Publication Information](#)

To: CITY COUNCIL

From: Deborah Bourne, Assistant Division Manager of Cemeteries

Date: February 8, 2018

The following represents the grave spaces sold on February 8, 2018

NaTarsha McIntyre

(1) Space \$ 175.00

South Half (S ½) of the Southwest Quarter (SW ¼)

Lot 40, Section 34, Highland Cemetery

Jayden Johnson

(1) Space \$ 45.00

Baby Space # 40

Lot 2, Section 3, Highland Cemetery

Koumonie Murphy

(1) Space \$ 175.00

North Half (N ½) of the Northeast Quarter (NE ¼)

Lot 73, Section 35, Highland Cemetery

Mixon Family

(2) Spaces \$ 350.00

Northeast Quarter (NE ¼)

Lot 52, Section 35, Highland Cemetery

Mixon Family

(1) Space \$ 175.00

North Half (N ½) of the Southeast Quarter (SE ¼)

Lot 52, Section 35, Highland Cemetery

Mixon Family

(2) Spaces \$ 350.00

Northwest Quarter (NW ¼)

Lot 52, Section 35, Highland Cemetery

Mixon Family

(1) Space \$ 175.00

North Half (N ½) of the Southwest Quarter (SW ¼)

Lot 52, Section 35, Highland Cemetery

Matthew Pettway

(1) Space \$ 175.00

North Half (N ½) of the Southeast Quarter (SE ¼)

Lot 3, Section 32, Highland Cemetery

Mary Ann Hudson

(1) Space \$ 175.00

South Half (S ½) of the Southwest Quarter (SW ¼)

Lot 34, Section 36, Highland Cemetery

Terrell Smith

(1) Space \$ 175.00

South Half (S ½) of the Southwest Quarter (SW ¼)

Lot 53, Section 34, Highland Cemetery

Melissa Ferraro

(2) Spaces \$ 350.00

Southeast Quarter (SE ¼)

Lot 52, Section 23, Highland Cemetery

Chressie Terrell

(1) Space \$ 175.00

North Half (N ½) of the Northwest Quarter (NW ¼)

Lot 90, Section 36, Highland Cemetery

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 01/24/ 20 18

SOLD TO:

Mr.. Mrs. Miss Na Tarsha Mc Intyre
ADDRESS 616 Frederick St, Hattiesburg, MS. 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

S 1/2 SW 1/4 Lot No. 40 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 Delonch Burre
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 01/29/ 20 18

SOLD TO:

Mr.. Mrs. Miss Jayden Johnson (Infant)
ADDRESS 122 Ellis DR. Apt # 4, Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

Baby Space # 40
1/2 Lot No. 2 Section No. 3 in Highland Cemetery
Number of grave spaces 1 Price per grave space \$ 45.00
Price Received \$ 45.00

CASH

CITY OF HATTIESBURG, MISSISSIPPI
By Delonch Burre
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 01/29 20 18

SOLD TO:

Mr.. Mrs. Miss Koumouie Murphy
ADDRESS 102 Hope Drive, Hattiesburg, MS 39402

desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 NE Lot No. 73 Section No. 35 in Highland Cemetery
Number of grave spaces 1 Price per grave space \$ 175.00
Price Received \$ 175.00

ck # 8539

CITY OF HATTIESBURG, MISSISSIPPI
By Delonch Burre
Supt. of City Cemeteries

Mail to:
Eric Mixon
702 Winding Hill DR
Clinton, MS. 39056

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 01/29 20 18

SOLD TO:

Mr., Mrs. Miss Mixon Family

ADDRESS 701 N. 31st Ave, Hattiesburg, MS 39401

Desires to purchase the grave space described below, subject to Cemetery regulations.

1/2 NE 1/4 Lot No. 52 Section No. 35 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Burre
Supt. of City Cemeteries

ck# 1334

Mail to:
Eric Mixon
702 Winding Hill DR
Clinton, MS. 39056

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 01/29 20 18

SOLD TO:

Mr., Mrs. Miss Mixon Family

ADDRESS 701 N. 31st Ave, Hattiesburg, MS 39401

Desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 SE 1/4 Lot No. 52 Section No. 35 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Burre
Supt. of City Cemeteries

ck# 1334

Mail to:
Eric Mixon
702 Winding Hill DR
Clinton, MS. 39056

CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES

Hattiesburg, Miss., 01/29 20 18

SOLD TO:

Mr., Mrs. Miss Mixon Family

ADDRESS 701 N. 31st Ave, Hattiesburg, MS 39401

Desires to purchase the grave space described below, subject to Cemetery regulations.

1/2 NW 1/4 Lot No. 52 Section No. 35 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Burre
Supt. of City Cemeteries

ck# 1334

Mail to:
Eric Mixon
702 Winding Hill Dr
Clinton, MS 39056

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 01/29/ 20 18

SOLD TO:

Mr., Mrs. Miss Mixon Family
ADDRESS 701 W. 31st Ave 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. 35 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

ck #
1334

CITY OF HATTIESBURG, MISSISSIPPI

By Deborah Bourne
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 01-30 20 18

SOLD TO:

Mr., Mrs. Miss Matthew Pettway
ADDRESS 303 Emerson Drive Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N $\frac{1}{2}$ SE $\frac{1}{4}$ Lot No. 3 Section No. 32 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

ck # 1900

CITY OF HATTIESBURG, MISSISSIPPI

By Jimmy Wilson
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 02-01 20 18

SOLD TO:

Mr., Mrs. Miss Mary Ann Hudson
ADDRESS 205 Bay St Hattiesburg, MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

S $\frac{1}{2}$ SW $\frac{1}{4}$ Lot No. 34 Section No. 36 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

Price Received \$ 175.00

ck # 6510

CITY OF HATTIESBURG, MISSISSIPPI

By Mary Wilson
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 02/06/2018

SOLD TO:

Mr. Mrs. Miss Terrell Smith

ADDRESS 710 Hall Avenue, Hattiesburg, MS. 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

S 1/2 SW 1/4 Lot No. 53 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 Delciah Burre
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss., 02/06/2018

SOLD TO:

Mr. Mrs. Miss Melissa Ferraro

ADDRESS 309 Jackson Rd, Hattiesburg, MS. 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

SE 1/4 Lot No. 52 Section No. 23 in Highland Cemetery

Number of grave spaces 2 Price per grave space \$ 175.00

Price Received \$ 350.00

CITY OF HATTIESBURG, MISSISSIPPI
By Delciah Burre
Supt. of City Cemeteries

**CITY OF HATTIESBURG
PURCHASE OF CEMETERY GRAVE SPACES**

Hattiesburg, Miss. 02-05 2018

SOLD TO:

Mr. Mrs. Miss CHRESSIE TERRELL

ADDRESS 1016 East 5th Street Hattiesburg MS 39401

desires to purchase the grave space described below, subject to Cemetery regulations.

N 1/2 NW 1/4 Lot No. 910 Section No. 310 in Highland Cemetery

Number of grave spaces 1 Price per grave space \$ 175.00

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 NaTarsha McIntyre, 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 40

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 20th day of February, 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 20th day of February, 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 Koumonie Murphy, 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 73

Section 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 20th day of February, 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 20th day of February, 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, Mixon Family, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northeast Quarter (NE1/4)

Lot Number 52 Section Number 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 20th day of February, 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 20th day of February, 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 Mixon Family, 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 52

Section 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 20th day of February, 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 20th day of February, 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, Mixon Family, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Northwest Quarter (NW¼)

Lot Number 52 Section Number 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 20th day of February, 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 20th day of February, 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 Mixon Family, 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 35

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 20th day of February, 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 20th day of February, 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 Matthew Pettway, 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 3

Section 32

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

One (1) Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 20th day of February, 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 20th day of February, 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 Ann Hudson, 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 34

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 20th day of February, 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 20th day of February, 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 Terrell Smith, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

South Half (S½) of the Southwest Quarter (SW¼)

Lot 53

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 20th day of February, 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 20th day of February, 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, Melissa Ferraro, subject to the reservations and restrictions hereinafter set out and subject to rules and regulations now or hereafter adopted, the following described grave spaces:

Southeast Quarter (SE¹/₄)

Lot Number 52 Section Number 23

according to the Cemetery Survey of the City of Hattiesburg, Mississippi known as Highland Cemetery, and containing

Two Grave space (s).

SAID Lot shall be used for burial purposes only and all graves therein must be checked and laid out by the Cemetery sexton before the same is dug and must be at least 4 feet deep and shall be, when completed, level with the ground. No shrubbery, vines or trees shall be planted in the Cemetery Lot and there shall be nothing left above the ground except markers which may be erected to meet all City regulations and requirements. All burials in the grave space(s) herein conveyed shall comply with applicable State and Federal laws governing human burial and with City rules and regulations pertaining thereto. If boxes or vaults are used they shall be at least 10 inches below the ground level.

GRANTEE herein shall not sell or convey this lot without a written permit from the Mayor and Council of the City of Hattiesburg, Mississippi.

WITNESS the signature and seal of the City of Hattiesburg, Mississippi, a Municipal Corporation, acting, by and through its duly authorized Mayor and City Clerk, on this, the 20th day of February, 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 20th day of February, 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 Chressie Terrell, 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 90

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 20th day of February, 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 20th day of February, 2018.

My Commission Expires:

NOTARY PUBLIC



City of Hattiesburg, MS

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

Master

File Number: 2018-222

File ID: 2018-222

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester: Andrew Ellard

File Created: 02/09/2018

Brief Title: CDBG Program Payment

Final Action:

Minute Book Number: MB2018-44

Title:

Approve and authorize issuance of manual check for CDBG Program Claim per the attached memorandum. {Entitlement CDBG}

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: VI.-12

Sponsors:

Enactment Date:

Attachments: Breakthrough Request for Payment February 20, 2018.pdf

Enactment Number:

Contact:

Meeting Date: 02/20/2018

Drafter: Clarence Williams

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
1	City Council	02/20/2018					

Text of Legislative File 2018-222

Title

Approve and authorize issuance of manual check for CDBG Program Claim per the attached memorandum. {Entitlement CDBG}

Summary

CDBG Program Payment

Budget Information

Expenditure Type

Purchasing Item

Publication Information

]

MEMORANDUM

TO: City of Hattiesburg Council Members

FROM: Andrew Ellard, Director
Department of Urban Development

SUBJECT: Authorize issuance of manual checks for CDBG Program Claim.

DATE: February 20, 2018

Recipient:	Breakthrough Community Services
Activity:	Emergency Repair/Minor Home Program
Program:	CDBG
Project Site:	910 Wedgewood Drive and 1313 Country Club Road
Amount Requested:	\$1,900.00
Purpose of Request:	Payment Request #2
Work Provided by:	Bradley Construction and Breakthrough Community Services



"Breaking the Shackles of Poverty through Services"

INVOICE

REIMBURSEMENT

Breakthrough Community Services, Inc.

1313 Country Club Road

Hattiesburg, MS 39401

P 601-582-3475

F 601-582-0149

BILL TO:

City of Hattiesburg

Department of Federal & State Programs

P. O. Box 1898, Hattiesburg, MS 39401

Phone: 601.545.4558

Project	Contractor	Property Address	Invoice	Date
Emergency Repair	Bradley Construction	910 Wedgewood	02	January 11, 2018

Quantity	Description	Unit Price	Total
1	Emergency Repair work – see invoice attached for repairs listed		
	Final payment (living room, kitchen, & exterior repairs) (per the work write-up & inspection)		1,400
1	Project Delivery fee		500
			\$1,900.00

Make all checks payable to Breakthrough Community Services, Inc.

THANK YOU FOR YOUR BUSINESS!

Vendor: Bradley Construction

Date: 01/11/2018

Amount: 1,400.00

For: final repairs for 910 Wedgewood

INVOICE DATE	INVOICE NUMBER	INVOICE DESCRIPTION	INVOICE AMOUNT	DIST. ACCOUNT	DIST. AMOUNT
01/11/2018	6	final repairs for 910 Wed	1,400.00	050136	1,400.00

ORIGINAL DOCUMENT - PRINTED ON CHEMICAL REACTIVE PAPER WITH MICROPRINTED BORDER

BREAKTHROUGH COMMUNITY SERVICES, INC.

COUNSELING & EDUCATION ACCOUNT

TAX ID #31-1676092

1313 COUNTRY CLUB ROAD

HATTIESBURG, MISSISSIPPI 39401

TRUSTMARK NATIONAL BANK
HATTIESBURG, MISSISSIPPI

1612

NUMBER

85-27/653



DATE

01/11/2018

AMOUNT

*****1,400.00

ONE THOUSAND FOUR HUNDRED DOLLARS AND NO CENTS

PAY
TO THE
ORDER
OF

Bradley Construction
4117 Highway 26 West
Lucedale MS 39452

[Handwritten Signature]

For: final repairs for 910 Wedgewood

THIS DOCUMENT CONTAINS HEAT SENSITIVE INK - TOUCH OR PRESS HERE - RED IMAGE DISAPPEARS WITH HEAT

⑈001612⑈ ⑆065300279⑆ ⑈4800185868⑈



City of Hattiesburg, MS

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

Master

File Number: 2018-231

File ID: 2018-231

Type: Regular Agenda Item

Status: Agenda Ready

Version: 1

Reference:

In Control: City Council

Requester:

File Created: 02/12/2018

Brief Title: Claims Docket for the period ending 2/16/2018.

Final Action:

Minute Book Number: MB2018-45

Title:

Approve claims docket for the period ending February 16, 2018.

Notes:

Agenda Date: 02/20/2018

Indexes:

Agenda Number: VI.-13

Sponsors:

Enactment Date:

Attachments: 2-20-18 Claims Docket

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	02/20/2018					

Text of Legislative File 2018-231

Title

Approve claims docket for the period ending February 16, 2018.

Summary

Claims Docket for the period ending 2/16/2018.

Budget Information

Expenditure Type

Purchasing Item

Publication Information

Page 1
Date - 02/15/18

289.66-
69.90-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING FEBRUARY 16, 2018

Page 2
- 02/15/18

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
Sum							359.56-
00001 ANOINTED HANDS SERVICES, 5400		00176782	17002886	SERVS 2/18 EMP MED CLINIC	02/16/18	262265	280.00-
Sum							280.00-
00001 ARNOLD LINE WATER ASSN I 2145 1/19/18		00020185	17002961	SRV 12/18/17-1/18/18 #8 FIRE	02/16/18	262267	30.00-
Sum							30.00-
ARNOLD LINE WATER ASSN I							
00001 ASSA ABLOY ENTRANCE SYST 416214		00177022	17003112	HANDICAP DOOR REPR T DEPOT	02/16/18	262268	225.00-
Sum							225.00-
ASSA ABLOY ENTRANCE SYST							
00001 AT&T	M31822200105	02018320	17003000	SERV 1/23-2/22/18 POLICE	02/16/18	262269	413.50-
00001 AT&T	601M2390500	00020185	17003079	VEHICLE LOC 1/28-2/27 POLICE	02/16/18	262270	202.00-
00001 AT&T	601M81832700	02018331	17003145	MONTHLY SERV 2/18 VARI	02/16/18	262271	14,411.40-
Sum							15,026.90-
AT&T							
00001 AT&T LONG DISTANCE SERVI 0268394376		02018339	17003216	LONG DIST-ONE NET-2/18	02/16/18	262272	200.96-
Sum							200.96-
AT&T LONG DISTANCE SERVI							
00001 AUDIO VIDEO SPECIALIST 9477		00176725	17002899	INSTALL HDMI CABLES P/F ACDMY	02/16/18	262273	250.00-
Sum							250.00-
AUDIO VIDEO SPECIALIST							
00001 AUTO ARMATURE SERVICE IN 11007		00176779	17002890	BATTERY U#17115 POLICE	02/16/18	262274	116.95-
00001 AUTO ARMATURE SERVICE IN 10978		00176648	17002921	BATTERY U#16082 STREET	02/16/18	262274	428.85-
00001 AUTO ARMATURE SERVICE IN 10970		00176648	17002922	STARTER U#9900 STREET	02/16/18	262274	99.95-
00001 AUTO ARMATURE SERVICE IN 10969		00176648	17002923	BATTERY U#9606 SHOP	02/16/18	262274	138.95-
00001 AUTO ARMATURE SERVICE IN 10967		00176648	17002924	ALTERNATOR U#16009 SANIT	02/16/18	262274	229.95-
00001 AUTO ARMATURE SERVICE IN 10971		00176648	17002925	BATTERY U#9900 STREET	02/16/18	262274	138.95-
00001 AUTO ARMATURE SERVICE IN 10968		00176648	17002926	ALTERNATOR U#13048 HEALTH	02/16/18	262274	179.95-
00001 AUTO ARMATURE SERVICE IN 11024		00176829	17003012	BATTERIES U#11428 TRAFIC	02/16/18	262274	277.90-
00001 AUTO ARMATURE SERVICE IN 11025		00176831	17003013	ALTERNATOR U#15962 STREET	02/16/18	262274	129.95-
00001 AUTO ARMATURE SERVICE IN 11026		00176831	17003014	BATTERY U#18907 HEALTH	02/16/18	262274	137.95-
00001 AUTO ARMATURE SERVICE IN 11085		00177000	17003139	ALTERNATOR U#11428 TRAFIC	02/16/18	262274	169.95-
Sum							2,049.30-
AUTO ARMATURE SERVICE IN							
00001 AUTO TRIM 9474		00175255	17002892	INSTALL GUN MOUNTS/LOCK SYS	02/16/18	262275	3,245.00-
Sum							3,245.00-
AUTO TRIM							
00001 AUTOMOTIVE GLASS SPECIAL I220384		00176601	17003037	WINDSHIELD U#19345 POLICE	02/16/18	262276	295.00-
00001 AUTOMOTIVE GLASS SPECIAL I219726		00175724	17003046	WINDSHIELD U#147676 SHOP	02/16/18	262276	225.00-
Sum							520.00-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING FEBRUARY 16, 2018

Page 3
Date - 02/15/18

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
AUTOMOTIVE GLASS SPECIAL							
Sum							520.00-
00001 BARKER, THOMAS				TRAVEL REIMB	02/16/18	262279	409.66-
Sum							409.66-
00001 BOB BARKER COMPANY, INC	NCT001400888	00176735	17003207	PROPERTY BAGS FOR INMATES	02/16/18	262283	453.36-
00001 BOB BARKER COMPANY, INC	NCT001400888	00177067	17003210	ADDL AMT DUE PO#176735	02/16/18	262283	56.71-
Sum							510.07-
00001 BRACKMAN MOWER WAREHOUSE	35780	00176749	17002902	BATTERY U#20255 P/F ACADEMY	02/16/18	262286	59.95-
Sum							59.95-
00001 BROADDUS & ASSOCIATES	LEGAL FEES 1	00177025	17003118	LEGAL FES 11/30/17-1/31/18	02/16/18	262288	7,260.00-
Sum							7,260.00-
00001 BUNKER GEAR SPECIALISTS	31669	00176553	17003166	FIREFIGHTER HELMET BADGE	02/16/18	262291	40.03-
Sum							40.03-
00001 C SPIRE (MEGAGATE)	CSBS-683013	00177133	17003250	MONTHLY INTERNET/NETWORK SERVS	02/16/18	262293	16,463.05-
Sum							16,463.05-
00001 CARQUEST AUTO PARTS STOR	14758-103698	00176877	17003086	REPR PTS U#11962 CEMETERY	02/16/18	262294	42.71-
00001 CARQUEST AUTO PARTS STOR	14758-103823	00176898	17003130	REPR PTS U#11962 CEMETERY	02/16/18	262294	40.09-
00001 CARQUEST AUTO PARTS STOR	14758-100949	00175603	17003165	REPR PTS U#14147 PLANNING	02/16/18	262294	96.46-
Sum							179.26-
00001 CENTER FOR GOVERNMENT AN	REG JONES 2/	00176674	17002880	REG JONES MUN CLERK TRAINING	02/16/18	262295	200.00-
00001 CENTER FOR GOVERNMENT AN	REG ANN JONE	00176968	17003090	REG JONES MUN CLK CERTIF TRNG	02/16/18	262296	200.00-
Sum							400.00-
00001 CINTAS CORPORATION #J66	J66570833	00176737	17002964	UNIFORMS 1/29 TRAFFIC	02/16/18	262308	73.46-
00001 CINTAS CORPORATION #J66	J66570833	00176737	17002965	UNIFORMS 1/29 PUBLIC WORKS	02/16/18	262308	81.32-
00001 CINTAS CORPORATION #J66	J66570833	00176737	17002966	UNIFORMS 1/29 PUBLIC WORKS	02/16/18	262308	10.00-
00001 CINTAS CORPORATION #J66	J66570833	00176737	17002967	UNIFORMS 1/29 PUBLIC WORKS	02/16/18	262308	35.66-
00001 CINTAS CORPORATION #J66	J66570833	00176737	17002968	UNIFORMS 1/29 SHOP	02/16/18	262308	44.71-
00001 CINTAS CORPORATION #J66	J66570833	00176737	17002969	UNIFORMS 1/29 CONSTR	02/16/18	262308	77.83-
00001 CINTAS CORPORATION #J66	J66570833	00176737	17002970	UNIFORMS 1/29 SANIT	02/16/18	262308	165.51-
00001 CINTAS CORPORATION #J66	J66570833	00176737	17002971	UNIFORMS 1/29 SANIT	02/16/18	262308	160.16-
00001 CINTAS CORPORATION #J66	J66571624	00176921	17003057	UNIFORMS 2/05 TRAFFIC	02/16/18	262308	73.46-
00001 CINTAS CORPORATION #J66	J66571624	00176921	17003058	UNIFORMS 2/05 PUBLIC WORKS	02/16/18	262308	81.32-

CITY OF HATTIESBURG
DOCKET OF CLAIMS
PERIOD ENDING FEBRUARY 16, 2018

Page 4
Date - 02/15/18

Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
00001 CINTAS CORPORATION #J66	J66571624	00176921	17003059	UNIFORMS 2/05 PUBLIC WORKS	02/16/18	262308	10.00-
00001 CINTAS CORPORATION #J66	J66571624	00176921	17003060	UNIFORMS 2/05 PUBLIC WORKS	02/16/18	262308	35.66-
00001 CINTAS CORPORATION #J66	J66571624	00176921	17003061	UNIFORMS 2/05 SHOP	02/16/18	262308	44.71-
00001 CINTAS CORPORATION #J66	J66571624	00176921	17003062	UNIFORMS 2/05 CONSTR	02/16/18	262308	77.83-
00001 CINTAS CORPORATION #J66	J66571624	00176921	17003063	UNIFORMS 2/05 SANIT	02/16/18	262308	165.51-
00001 CINTAS CORPORATION #J66	J66571624	00176921	17003064	UNIFORMS 2/05 SANIT	02/16/18	262308	160.16-
00001 CINTAS CORPORATION #J66	J66571626	00176922	17003065	MATS 2/05 TRAFFIC	02/16/18	262308	7.90-
00001 CINTAS CORPORATION #J66	J66571623	00176922	17003066	MOP/MAT 2/05 GO&FS	02/16/18	262308	24.96-
00001 CINTAS CORPORATION #J66	J66571625	00176922	17003067	MOP/MAT 2/05 SANIT	02/16/18	262308	24.04-
00001 CINTAS CORPORATION #J66	J66570835	00176940	17003068	MATS 1/29 TRAFFIC	02/16/18	262308	7.90-
00001 CINTAS CORPORATION #J66	J66570832	00176940	17003069	MOP/MAT 1/29 SANIT	02/16/18	262308	24.96-
00001 CINTAS CORPORATION #J66	J66568084	00177019	17003113	UNIFORMS 1/03 GEORGE MPO	02/16/18	262308	24.04-
00001 CINTAS CORPORATION #J66	J66568082	00177019	17003114	UNIFORMS 1/10 GEORGE MPO	02/16/18	262308	4.95-
00001 CINTAS CORPORATION #J66	J66568785	00177019	17003115	UNIFORMS 1/17 GEORGE MPO	02/16/18	262308	4.95-
00001 CINTAS CORPORATION #J66	J66569575	00177019	17003116	UNIFORMS 1/24 GEORGE MPO	02/16/18	262308	4.95-
00001 CINTAS CORPORATION #J66	J66570371	00177019	17003117	UNIFORMS 1/31 GEORGE MPO	02/16/18	262308	4.95-
00001 CINTAS CORPORATION #J66	J66571162	00177106	17003232	UNIFORMS 2/12 TRAFFIC	02/16/18	262308	73.46-
00001 CINTAS CORPORATION #J66	J66572423	00177106	17003233	UNIFORMS 2/12 PUBLIC WORKS	02/16/18	262308	81.32-
00001 CINTAS CORPORATION #J66	J66572423	00177106	17003234	UNIFORMS 2/12 PUBLIC WORKS	02/16/18	262308	85.00-
00001 CINTAS CORPORATION #J66	J66572423	00177106	17003235	UNIFORMS 2/12 PUBLIC WORKS	02/16/18	262308	35.66-
00001 CINTAS CORPORATION #J66	J66572423	00177106	17003236	UNIFORMS 2/12 SHOP	02/16/18	262308	44.71-
00001 CINTAS CORPORATION #J66	J66572423	00177106	17003237	UNIFORMS 2/12 CONSTR	02/16/18	262308	77.83-
00001 CINTAS CORPORATION #J66	J66572423	00177106	17003238	UNIFORMS 2/12 SANIT	02/16/18	262308	165.51-
00001 CINTAS CORPORATION #J66	J66572423	00177106	17003239	UNIFORMS 2/12 SANIT	02/16/18	262308	160.16-
00001 CINTAS CORPORATION #J66	J66572425	00177108	17003240	MATS 2/12 TRAFFIC	02/16/18	262308	7.90-
00001 CINTAS CORPORATION #J66	J66572422	00177108	17003241	MOP/MAT 2/12 GO&FS	02/16/18	262308	24.96-
00001 CINTAS CORPORATION #J66	J66572424	00177108	17003242	MOP/MAT 2/12 SANIT	02/16/18	262308	24.04-
CINTAS CORPORATION #J66							2,216.40-
00001 CITY OF HATTIESBURG FUND TRF 2ND 2/18	02018307	17003260	TRF 2ND 2/18	PAYROLL	02/14/18	112509	1,079,396.59-
CITY OF HATTIESBURG FUND							1,079,396.59-
00001 CLIENTS HARDWARE	119763	00176736	17002996	PITCH FORKS SANIT DEPT	02/16/18	262310	63.98-
CLIENTS HARDWARE							63.98-
00001 COMCAST CABLEVISION OF H	839641073073	00176960	17003099	CABLE 2/18 TRAFFIC/CONSTR	02/16/18	262314	6.71-
COMCAST CABLEVISION OF H							6.71-
00001 COMMERCIAL STATIONERY CO	409052-0	00176587	17002994	OFFICE SUPP P/F ACADEMY	02/16/18	262315	182.75-
COMMERCIAL STATIONERY CO							182.75-
00001 CONNECTION INC	55538287	00176900	17003219	MAC BOOK PRO FOR PIO AT HPD	02/16/18	262316	1,851.82-
00001 CONNECTION INC	55542109	00176900	17003220	MS OFFICE MAC	02/16/18	262316	201.18-
CONNECTION INC							2,053.00-

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00001 CONSOLIDATED FLEET SERVI	2018KS0017	00174414	17003154	TEST FIRE DEPT LADDERS	02/16/18	262318	3,105.00-
Sum							3,105.00-
00001 COURT PROGRAMS INC	INVOICE #40	00176840	17002982	ANKLE MONITORING 12/17	02/16/18	262321	6,560.00-
00001 COURT PROGRAMS INC	INVOICE #41	00176840	17002983	ANKLE MONITORING 1/18	02/16/18	262321	6,390.00-
Sum							12,950.00-
COURT PROGRAMS INC							
Sum							12,950.00-
00001 COURTESY MOTORS INC	229923	00176766	17002882	LIFT GATE REPR U#018776 PLANN	02/16/18	262322	179.03-
00001 COURTESY MOTORS INC	472776	00176826	17003085	REPR PTS U#15784 HEALTH DIV	02/16/18	262322	89.96-
Sum							268.99-
COURTESY MOTORS INC							
Sum							268.99-
00001 COVINGTON SALES & SERVIC	78400	00176696	17003015	GUTTER BROOM U#18907 STREET	02/16/18	262323	987.13-
Sum							987.13-
COVINGTON SALES & SERVIC							
Sum							987.13-
00001 DELK, DALTON	TRAVEL REIMB	00177109	17003230	EXPNS HAZ TECH CLASS JKSN	02/16/18	262325	114.58-
Sum							114.58-
DELK, DALTON							
Sum							114.58-
00001 DELTA FOREMOST CHEMICAL	121953 FRT	00176818	17002944	FREIGHT CHARGE PO#175918	02/16/18	262326	75.00-
Sum							75.00-
DELTA FOREMOST CHEMICAL							
Sum							75.00-
00001 E-Z GARAGE DOOR SERVICE,	1030	00176764	17003106	BAY DOOR REPR #5 FIRE STA	02/16/18	262329	963.00-
Sum							963.00-
E-Z GARAGE DOOR SERVICE,							
Sum							963.00-
00001 ECONOMY SUPPLY CO	287600	00176330	17002883	DEADBOLT INFO SYS DOOR	02/16/18	262330	22.50-
00001 ECONOMY SUPPLY CO	288542	00176604	17003008	DOOR LOCK IDC DIV MANAGER	02/16/18	262330	27.95-
00001 ECONOMY SUPPLY CO	289089	00176880	17003047	LOCK/KEYS HBRG AMERICAN BLDG	02/16/18	262330	36.95-
Sum							87.40-
ECONOMY SUPPLY CO							
Sum							87.40-
00001 EMERGENCY EQUIPMENT PROF	432108	00176395	17002906	REPR PTS U#18100 FIRE DEPT	02/16/18	262332	399.98-
00001 EMERGENCY EQUIPMENT PROF	432108 FRT	00176763	17002908	FREIGHT CHG PO#176395	02/16/18	262332	71.28-
00001 EMERGENCY EQUIPMENT PROF	432204	00176640	17003011	REPR PTS U#13933 FIRE DEPT	02/16/18	262332	119.63-
00001 EMERGENCY EQUIPMENT PROF	432336	00176606	17003084	REPR PTS U#18099 FIRE DEPT	02/16/18	262332	1,569.38-
00001 EMERGENCY EQUIPMENT PROF	432382	00176930	17003137	REPR PTS U#13933 FIRE DEPT	02/16/18	262332	308.38-
00001 EMERGENCY EQUIPMENT PROF	432186	00177138	17003266	REPRS U#11353 FIRE DEPT	02/16/18	262332	1,158.25-
00001 EMERGENCY EQUIPMENT PROF	431802	00177158	17003267	REFURBISH SCBA EQUIP	02/16/18	262332	423.38-
00001 EMERGENCY EQUIPMENT PROF	432125	00177158	17003268	REFURBISH SCBA EQUIP	02/16/18	262332	378.40-
Sum							4,428.68-
EMERGENCY EQUIPMENT PROF							
Sum							4,428.68-
00001 EMPIRE TRUCK SALES (H'BU	CE006131409: 00175539	17002927	REPR PTS U#19887	STREET	02/16/18	262333	41.04-

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00001 EMPIRE TRUCK SALES (H'BU	CE006131839	00176439	17003017	REPR PTS U#20069 SANIT	02/16/18	262333	2,299.65-
Sum							2,340.69-
00001 EQUIFAX INFORMATION SERV	4605728	00176886	17003032	ONLINE INVESTIGATION	02/16/18	262334	6.20-
Sum							6.20-
00001 EXPRESS PRESS	34588	00175118	17003123	POLO SHIRTS CHIEF SEALY	02/16/18	262336	284.00-
Sum							284.00-
00001 EXPRESS PRESS							284.00-
Sum							284.00-
00001 FASTENAL COMPANY	MSHAT205423	00176366	17002918	RAIN APPAREL/TOOLS/SUPP TRAFF	02/16/18	262337	508.02-
00001 FASTENAL COMPANY	MSHAT205267	00176166	17003108	LITTER CLEANUP SUPP KHB	02/16/18	262337	464.14-
00001 FASTENAL COMPANY	MSHAT206039	00177029	17003169	DRILL BITS/TAPE TRAFFIC DEPT	02/16/18	262337	260.54-
Sum							1,232.70-
00001 FEDERAL EXPRESS	6-051-76845	00176815	17002941	SERV 12/29/17 MPO DIV	02/16/18	262338	16.35-
00001 FEDERAL EXPRESS	6-081-31969	00177172	17003264	SERV 1/29/18 ACCTG DEPT	02/16/18	262338	44.89-
Sum							61.24-
00001 FOREST CTY SUPERVISORS	JAIL 11/17 E	00176739	17002916	JAIL 11/17 EXPENSES	02/16/18	262340	33,640.00-
00001 FOREST CTY SUPERVISORS	JAIL 11/17 M	00176739	17002917	JAIL 11/17 MEDICAL	02/16/18	262340	4,290.00-
Sum							37,930.00-
00001 FORREST GENERAL HOSPITAL	P803095043 M	00176901	17003042	SRV 11/26/17 MAHRA PRISONER	02/16/18	262341	50.00-
Sum							50.00-
00001 FORREST GENERAL HOSPITAL	EAP CHARGE 2	00176760	17002884	EAP CHARGE 2/18	02/16/18	262342	1,785.00-
Sum							1,785.00-
00001 FUELMAN OF MS	BG127044 NPS	00176719	17002930	FUEL CHG 1/19/18 MCCLAIR KHB	02/16/18	262343	16.35-
00001 FUELMAN OF MS	BG127044 NPS	00177118	17003228	FUEL CHGS 1/29-2/4/18 POLICE	02/16/18	262343	36.31-
Sum							52.66-
00001 FV RECYCLING	2017-57331	00176747	17002972	RECYCLE FEES 1/18 SANIT	02/16/18	262345	42.25-
00001 FV RECYCLING	2017-57383	00176747	17002973	RECYCLE FEES 1/18 SANIT	02/16/18	262345	9.50-
00001 FV RECYCLING	2017-57404	00176747	17002974	RECYCLE FEES 1/18 SANIT	02/16/18	262345	52.75-
00001 FV RECYCLING	2017-57403	00176747	17002975	RECYCLE FEES 1/18 SANIT	02/16/18	262345	57.50-
00001 FV RECYCLING	2018-1234	00176747	17002976	RECYCLE FEES 1/18 SANIT	02/16/18	262345	46.25-
00001 FV RECYCLING	2018-1233	00176747	17002977	RECYCLE FEES 1/18 SANIT	02/16/18	262345	20.00-
00001 FV RECYCLING	2018-1232	00176747	17002978	RECYCLE FEES 1/18 SANIT	02/16/18	262345	23.25-

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00001 FV RECYCLING	2018-1251	00176747	17002979	RECYCLE FEES 1/18 SANIT	02/16/18	262345	20.25-
00001 FV RECYCLING	2018-1252	00176747	17002980	RECYCLE FEES 1/20 SANIT	02/16/18	262345	11.75-
00001 FV RECYCLING	2018-1300	00176927	17003071	RECYCLE FEES 1/18 SANIT	02/16/18	262345	41.75-
00001 FV RECYCLING	2018-1301	00176927	17003072	RECYCLE FEES 1/18 SANIT	02/16/18	262345	39.25-
00001 FV RECYCLING	2018-1299	00176927	17003073	RECYCLE FEES 2/18 SANIT	02/16/18	262345	16.25-
00001 FV RECYCLING	2018-1298	00176927	17003074	RECYCLE FEES 2/18 SANIT	02/16/18	262345	56.50-
00001 FV RECYCLING	2018-1297	00176927	17003075	RECYCLE FEES 2/18 SANIT	02/16/18	262345	13.75-
00001 FV RECYCLING	2018-1296	00176927	17003076	RECYCLE FEES 2/05 SANIT	02/16/18	262345	15.50-
00001 FV RECYCLING	2018-1317	00177104	17003243	RECYCLE FEES 2/18 SANIT	02/16/18	262345	13.75-
00001 FV RECYCLING	2018-1360	00177104	17003244	RECYCLE FEES 2/18 SANIT	02/16/18	262345	47.50-
00001 FV RECYCLING	2018-1359	00177104	17003245	RECYCLE FEES 2/18 SANIT	02/16/18	262345	19.75-
00001 FV RECYCLING	2018-1361	00177104	17003246	RECYCLE FEES 2/18 SANIT	02/16/18	262345	36.75-
00001 FV RECYCLING	2018-1362	00177104	17003247	RECYCLE FEES 2/18 SANIT	02/16/18	262345	17.25-
00001 FV RECYCLING	2018-1363	00177104	17003248	RECYCLE FEES 2/18 SANIT	02/16/18	262345	70.75-
FV RECYCLING	Sum						672.25-
00001 GALL'S LLC	009090527	00175909	17003028	L/S POLO SHIRTS POLICE STOCK	02/16/18	262346	248.00-
00001 GALL'S LLC	009191890	00175909	17003029	L/S POLO SHIRTS POLICE STOCK	02/16/18	262346	992.00-
GALL'S LLC	Sum						1,240.00-
00001 GARNER LUMLEY ELECTRIC S	000176171	17002905	ELEC SUPP #2 FIRE STA		02/16/18	262347	949.86-
00001 GARNER LUMLEY ELECTRIC S	00176457	17002937	ELEC SUPP CIVIC CNTR GARAGE		02/16/18	262347	72.19-
00001 GARNER LUMLEY ELECTRIC S	00176582	17003031	AS400 ELEC WIRE POLICE BLDG		02/16/18	262347	572.59-
00001 GARNER LUMLEY ELECTRIC S	00176625	17003040	ELEC SUPP #2 FIRE STA		02/16/18	262347	45.68-
GARNER LUMLEY ELECTRIC S	Sum						1,640.32-
00001 GEO-JOBE GIS CONSULTING	1756	00177023	17003132	YEARLY FEE MPO DIVISION	02/16/18	262348	11,500.00-
GEO-JOBE GIS CONSULTING	Sum						11,500.00-
00001 GIFTED HANDS	18001	00176943	17003052	MUSIC 2/6/18 SOUL FOOD CELEB	02/16/18	262349	600.00-
GIFTED HANDS	Sum						600.00-
00001 GILKEY ELECTRIC SUPPLY C	294737	00176581	17003009	AS400 ELEC WIRE POLICE BLDG	02/16/18	262351	66.20-
00001 GILKEY ELECTRIC SUPPLY C	294736	00176626	17003010	ELEC SUPP #2 FIRE STA	02/16/18	262351	79.14-
00001 GILKEY ELECTRIC SUPPLY C	295051	00176733	17003221	AS400 ELEC SUPP POLICE DEPT	02/16/18	262351	178.49-
GILKEY ELECTRIC SUPPLY C	Sum						323.83-
00001 GILLILANDS ELECTRONICS S	65817	00176841	17002985	PHONE RENT MUN COURT	02/16/18	262352	261.99-
GILLILANDS ELECTRONICS S	Sum						261.99-
00001 GLOBAL EQUIPMENT COMPANY	110851256	00168367	17003019	OFFICE PARTITIONS POLICE DEPT	02/16/18	262354	401.79-
00001 GLOBAL EQUIPMENT COMPANY	110849521	FR 00169075	17003020	POWER SWEEPER SHIP CHARGE	02/16/18	262354	37.51-

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GLOBAL EQUIPMENT COMPANY Sum							
00001 GLOBAL SECURITY COMPANY	10190		02018333	17003161 SECURITY DETAIL 01/27/18	02/16/18	262356	439.30-
GLOBAL SECURITY COMPANY Sum							
00001 H'BURG CLINIC PA (PRISON	248283	WARE	00176902	17003043 SRV 7/17/17 WARE PRISONER	02/16/18	262360	308.00-
H'BURG CLINIC PA (PRISON Sum							
00001 H'BURG COCA COLA BOTTLIN	1097221775		00175339	17003175 BOTTLED WATER MAYOR'S OFFICE	02/16/18	262361	900.31-
00001 H'BURG COCA COLA BOTTLIN	1097223002		00176813	17003198 BOTTLED WATER MAYOR'S OFFICE	02/16/18	262361	71.00-
H'BURG COCA COLA BOTTLIN Sum							
00001 HERSHEL WOODY WILLIAMS M		SPONSORSHIP	00176892	17003025 SPONSORSHIP	02/16/18	262366	142.00-
HERSHEL WOODY WILLIAMS M Sum							
00001 HICKS LAW FIRM, LLC	8476		00177034	17003148 SERVS CITY HBRG GENERAL FILE	02/16/18	262367	2,500.00-
00001 HICKS LAW FIRM, LLC	8477		00177034	17003149 SERVS SALIBA/PIERCE VS CITY	02/16/18	262367	520.00-
00001 HICKS LAW FIRM, LLC	8497		00177034	17003150 SERVS RICKY WARD VS CITY	02/16/18	262367	1,800.00-
00001 HICKS LAW FIRM, LLC	8498		00177034	17003151 SERVS PLAAS INC VS CITY	02/16/18	262367	100.20-
00001 HICKS LAW FIRM, LLC	8353		00177043	17003152 SERVS CITY HBRG GENERAL FILE	02/16/18	262367	200.00-
HICKS LAW FIRM, LLC Sum							
00001 HILL & BROOKS COFFEE & T	701976		00176891	17003023 COFFEE SERV M/ADM	02/16/18	262368	1,060.00-
HILL & BROOKS COFFEE & T Sum							
00001 HOVER GRAVEL CO	6762		00176913	17003171 TOPSOIL FOR CEMETERIES	02/16/18	262369	3,680.20-
HOVER GRAVEL CO Sum							
00001 HUB CITY SPOKES	80994		00176715	17002879 CITY WIDE ADS AND NOTICES	02/16/18	262370	65.41-
00001 HUB CITY SPOKES	81044		00176883	17003026 CITY WIDE ADS AND NOTICES	02/16/18	262370	560.00-
HUB CITY SPOKES Sum							
00001 INDOFF INC	3063182		00176506	17003018 OFFICE SUPP CEMETERY	02/16/18	262374	769.40-
INDOFF INC Sum							
00001 INGRAM EQUIPMENT CO LLC	0062529-IN		00176695	17003016 GUTTER BROOMS U#13982/18907	02/16/18	262376	161.89-
INGRAM EQUIPMENT CO LLC							
							161.89-
							3,247.80-

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Sum							3,247.80-
00001 INMATE SERVICES CORPORAT	23431	00176557	17003209	TRANSPORT PRISONER DALLAS,TX	02/16/18	262377	500.00-
Sum							500.00-
INMATE SERVICES CORPORAT							
00001 IRBY, STUART C CO	S010469899.0	00176289	17003127	ELEC SUPP YOUTH ART CENTER	02/16/18	262380	6,201.39-
00001 IRBY, STUART C CO	S010469899.0	00176289	17003128	ELEC SUPP YOUTH ART CENTER	02/16/18	262380	4,888.00-
00001 IRBY, STUART C CO	S010565385.0	00176428	17003225	ELEC SUPP CONSTR DEPT TRUCK	02/16/18	262380	107.15-
Sum							11,196.54-
IRBY, STUART C CO							
Sum							300.00-
00001 JOHNNY'S WRECKER SERVICE	35332	00176707	17002909	TOWING U#13933 FIRE DEPT	02/16/18	262386	300.00-
Sum							300.00-
JOHNNY'S WRECKER SERVICE							
Sum							2,291.75-
00001 JOHNSON CONTROLS, INC	1-5513063695	00176954	17003100	SRV 9-11/17 BLDG AUTO MAINT	02/16/18	262387	2,291.75-
00001 JOHNSON CONTROLS, INC	1-5861488173	00176954	17003101	SRV 12/17-2/18 BLDG AUTO MNT	02/16/18	262387	14,914.50-
00001 JOHNSON CONTROLS, INC	00073538127	00177153	17003269	ENERGY PERFORMANCE PROJ SERV	02/16/18	262387	19,498.00-
Sum							900.00-
JOHNSON CONTROLS, INC							
Sum							408.00-
00001 JOHNSON, W WESLEY PHD	12	00177123	17003226	JAIL DIV GRANT SRVS 10-12/17	02/16/18	262388	408.00-
Sum							900.00-
JOHNSON, W WESLEY PHD							
Sum							262389
00001 JONES, CECILIA	TRAV ADVANCE	00176675	17002878	TRAV ADV MUN CLERK TRAINING	02/16/18	262389	408.00-
Sum							408.00-
JONES, CECILIA							
Sum							5,459.18-
00001 KRONOS INCORPORATED	11201306-A	00171729	17002960	SOFTWARE SUPPORT SERVICES	02/16/18	262393	9,088.00-
00001 KRONOS INCORPORATED	11278524	00176971	17003092	SUPPORT/MAINT 12/17	02/16/18	262393	1,500.00-
00001 KRONOS INCORPORATED	11275906	00176971	17003093	FIELD ADDITIONS TO SOFTWARE	02/16/18	262393	16,047.18-
Sum							1,750.00-
KRONOS INCORPORATED							
Sum							1,750.00-
00001 LANDERS DODGE	LD153654	00175811	17002943	DELIVER 10 NEW POLICE UNITS	02/16/18	262396	1,750.00-
Sum							1,750.00-
LANDERS DODGE							
Sum							262397
00001 LARRY'S WRECKER SERVICE	10098	00176783	17002893	TOWING U#20095 POLICE	02/16/18	262397	110.00-
00001 LARRY'S WRECKER SERVICE	4124	00176691	17002894	TOWING U#18333 POLICE	02/16/18	262397	55.00-
00001 LARRY'S WRECKER SERVICE	10093	00176691	17002895	TOWING U#18322 POLICE	02/16/18	262397	65.00-
00001 LARRY'S WRECKER SERVICE	4121	00176717	17002896	TOWING VEHICLE FROM ACCIDENT	02/16/18	262397	285.00-
Sum							88.45-
LARRY'S WRECKER SERVICE							
Sum							262399
00001 LIBERTY FLAG & SPECIALTY	01180043	00176507	17003081	REPLCMNT FLAG POLICE DEPT	02/16/18	262399	88.45-

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LIBERTY FLAG & SPECIALTY Sum	00001 LIBERTY FLAG & SPECIALTY 02180003	00176800	17003143	FLAGS FOR CEMETERIES	02/16/18	262399	234.00-
LIBERTY FLAG & SPECIALTY							322.45-
LOCAL GOVERNMENT SERVICE Sum	00001 LOCAL GOVERNMENT SERVICE 1707	00176784	17002887	WTR TANK TOWER LEASE AGREEMENT	02/16/18	262400	1,000.00-
LOCAL GOVERNMENT SERVICE							1,000.00-
LOWE'S HOME IMPROVEMENT Sum	00001 LOWE'S HOME IMPROVEMENT 914256	00176045	17002945	HEATERS/BLDG SUPP P/F ACADEMY	02/16/18	262403	119.83-
LOWE'S HOME IMPROVEMENT							119.83-
LOWE'S OF HATTIESBURG IN Sum	00001 LOWE'S OF HATTIESBURG IN 924127	00176219	17002939	BLINDS PURCHASING OFFICE	02/16/18	262402	63.15-
LOWE'S OF HATTIESBURG IN							63.15-
MAX MULTIMEDIA & CABLING Sum	00001 MAX MULTIMEDIA & CABLING 1266	00177036	17003146	SOUND SY REPR COUNCL CHAMBERS	02/16/18	262405	871.98-
MAX MULTIMEDIA & CABLING							871.98-
MAY-HINTON LODGE #540 (R) Sum	00001 MAY-HINTON LODGE #540 (R DAMAGE DEP R 02018332 17003160 DAMAGE DEPOSIT REFUND				02/16/18	262406	100.00-
MAY-HINTON LODGE #540 (R)							100.00-
MCELANEX PLUMBING INC Sum	00001 MCELANEX PLUMBING INC 264517	00176694	17003055	PAPER STICKS HEALTH DIV	02/16/18	262407	179.40-
MCELANEX PLUMBING INC	00001 MCELANEX PLUMBING INC 264763	00176864	17003153	PLUMB SUPP #6 FIRE STA	02/16/18	262407	140.38-
MCELANEX PLUMBING INC							319.78-
MCMULLIAN EQUIPMENT CO Sum	00001 MCMULLIAN EQUIPMENT CO 381433	00176762	17002986	OIL CHANGE U#2092 URBAN DEV	02/16/18	262408	52.01-
MCMULLIAN EQUIPMENT CO	00001 MCMULLIAN EQUIPMENT CO 173791P	00176851	17002993	REPRS U#1940 POLICE	02/16/18	262408	58.84
MCMULLIAN EQUIPMENT CO	00001 MCMULLIAN EQUIPMENT CO 381144	00176987	17003138	ENGINE DIAGNOSTICS U#18557	02/16/18	262408	100.00-
MCMULLIAN EQUIPMENT CO							210.85-
METRO CRIMESTOPPERS INC Sum	00001 METRO CRIMESTOPPERS INC CITY COURT C 02018311 17003002 CITY COURT COST 1/18				02/05/18	112498	682.21-
METRO CRIMESTOPPERS INC							682.21-
MISSISSIPPI AG COMPANY, Sum	00001 MISSISSIPPI AG COMPANY, 05214593	00175538	17002920	STAINLESS STEEL SPREADER P/W	02/16/18	262411	850.00-
MISSISSIPPI AG COMPANY,	00001 MISSISSIPPI AG COMPANY, P17541	00176060	17002935	FUEL PUMP FOR WOOD CHIPPER	02/16/18	262411	76.29-
MISSISSIPPI AG COMPANY, Sum	MISSISSIPPI AG COMPANY,						926.29-
00001 MOLLY MAID	2/18 HILND C 00176908 17003056 SERVS 2/18 HIGHLAND CEMETERY				02/16/18	262412	245.00-
MOLLY MAID							

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Sum							245.00-
00001 MOMAR INC	PSI219652(A)	00176541	17003208	ORANGE PUNCH TRUE GRIT-SHOP	02/16/18	262413	372.00-
00001 MOMAR INC	PSI219652(B)	00177068	17003211	ADDL AMT DUE PO#176541	02/16/18	262413	56.26-
MOMAR INC							428.26-
Sum							145.30-
00001 MOORE'S LOCK AND KEY LLC	24032	00176517	17003082	REPLACE LOCKS POLICE SUB-STA	02/16/18	262414	145.30-
MOORE'S LOCK AND KEY LLC							145.30-
Sum							150.00-
00001 MS MUNICIPAL CLERKS & CO	REG EATON 3/	00176969	17003091	REG EATON CONF FLOWOOD,MS	02/16/18	262416	150.00-
MS MUNICIPAL CLERKS & CO							150.00-
Sum							345.00-
00001 MS MUSIC INC	998460	00177018	17003135	SOUND SYS MEMORIAL DAY	02/16/18	262417	435.00-
00001 MS MUSIC INC	1048308	00177018	17003136	SOUND SYS VETERANS DAY	02/16/18	262417	780.00-
MS MUSIC INC							11,128.18-
Sum							8,953.86-
00001 MS POWER COMPANY	2/18 GENERAL	00020189	17003259	MONTHLY ELEC-GENERAL	02/16/18	262418	11,128.18-
MS POWER COMPANY							11,128.18-
Sum							37,658.35-
00001 MS STATE/EMP SECURITY CO	9200131000 1	00176832	17002981	UNEMP BENEFITS 1/18 VARI DEPT	02/16/18	262420	8,953.86-
MS STATE/EMP SECURITY CO							8,953.86-
Sum							37,658.35-
00001 MS STATE/TREASURER/FINAN	FINE COLLECT	02018312	17003001	FINE COLLECTIONS 1/18	02/05/18	112497	37,658.35-
MS STATE/TREASURER/FINAN							254.85-
Sum							1,494.15-
00001 MULTITECH OFFICE MACHINE	18010926	00176383	17003006	PRINTER SUPP INFO TECH	02/16/18	262422	1,159.25-
00001 MULTITECH OFFICE MACHINE	18010930	00176446	17003007	PRINTER SUPP IT VARI DEPTS	02/16/18	262422	2,908.25-
00001 MULTITECH OFFICE MACHINE	18020264	00176928	17003200	PRINTER SUPP INFO TECH	02/16/18	262422	46.28-
MULTITECH OFFICE MACHINE							46.28-
Sum							285.00-
00001 N & H ELECTRONIC DISTRIB	180531	00176855	17003223	ALARM SYS BATTERIES FIRE DEPT	02/16/18	262423	302.00-
N & H ELECTRONIC DISTRIB							587.00-
Sum							
00001 NAFECO-NORTH AMERICA FIR	912504	00176530	17003097	FIREFIGHTER BOOTS	02/16/18	262424	
00001 NAFECO-NORTH AMERICA FIR	913180	00176530	17003098	FIREFIGHTER BOOTS	02/16/18	262424	
NAFECO-NORTH AMERICA FIR							
Sum							

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NAPA AUTO PARTS	5930-570337	00176412	17003039	FIRE MECHANIC TOOL	02/16/18	262425	64.99-
NAPA AUTO PARTS	5930-5713	00177082	17003222	REPR PTS/SUPP FIRE MECH SHOP	02/16/18	262425	237.77-
NAPA AUTO PARTS							302.76-
Sum							
00001 NATL ASSN OF TOWN WATCH	MS178 6384	00176894	17003027	CITY MEMBERSHIP DUES	02/16/18	262427	35.00-
NATL ASSN OF TOWN WATCH							35.00-
Sum							
00001 NATL FIRE CODES-NFPA (SU	7163516Y	00176288	17002900	TRAINING MANUALS P/F ACADEMY	02/16/18	262428	49.00-
NATL FIRE CODES-NFPA (SU							49.00-
Sum							
00001 NEWELL PAPER COMPANY	4020060	00176748	17003049	JANIT SUPP CEMETERY	02/16/18	262432	860.05-
00001 NEWELL PAPER COMPANY	4019905	00176708	17003203	JANIT SUPP POLICE DEPT	02/16/18	262432	664.78-
00001 NEWELL PAPER COMPANY	4020173 (A)	00176708	17003204	JANIT SUPP POLICE DEPT	02/16/18	262432	211.52-
00001 NEWELL PAPER COMPANY	4020173 (B)	00176859	17003205	ADDL AMT DUE PO#176708	02/16/18	262432	62.68-
NEWELL PAPER COMPANY							1,799.03-
Sum							
00001 OFFICE DEPOT INC	2151671120	00176414	17002888	TONER FOR DISPATCH DEPT	02/16/18	262436	64.99-
00001 OFFICE DEPOT INC	2149588389	00176351	17003005	OFFICE SUPP MUN COURT	02/16/18	262436	86.20-
00001 OFFICE DEPOT INC	2158054464	00176854	17003164	OFFICE SUPP CITY CLERK	02/16/18	262436	140.54-
00001 OFFICE DEPOT INC	104452082001	00176351	17003172	OFFICE SUPP MUN COURT	02/16/18	262436	359.98-
00001 OFFICE DEPOT INC	104452084001	00176351	17003173	OFFICE SUPP MUN COURT	02/16/18	262436	12.82-
OFFICE DEPOT INC							664.53-
Sum							
00001 OFFICE PRODUCTS PLUS	819461-0	00176609	17002875	VACUUM CLEANER MUN COURT	02/16/18	262438	275.49-
00001 OFFICE PRODUCTS PLUS	819503-0	00176630	17002903	OFFICE SUPP FIRE ADM	02/16/18	262438	31.67-
00001 OFFICE PRODUCTS PLUS	819503-1	00176630	17002904	OFFICE SUPP FIRE ADM	02/16/18	262438	74.08-
00001 OFFICE PRODUCTS PLUS	819893-0	00176751	17003038	OFFICE EQUIP/SUPP FIRE DEPT	02/16/18	262438	131.16-
00001 OFFICE PRODUCTS PLUS	820192-0	00176835	17003080	OFFICE SUPP MUN COURT	02/16/18	262438	402.49-
00001 OFFICE PRODUCTS PLUS	820582-0	00176935	17003174	FIRST AID KITS MUN COURT	02/16/18	262438	109.98-
00001 OFFICE PRODUCTS PLUS	819215-0	00176562	17003201	TONER POLICE DEPT	02/16/18	262438	120.64-
00001 OFFICE PRODUCTS PLUS	819215-1	00176562	17003202	PRINTER POLICE WEST SUB-STA	02/16/18	262438	269.00-
00001 OFFICE PRODUCTS PLUS	820465-0	00176888	17003217	JANIT SUPP MUN COURT	02/16/18	262438	584.39-
00001 OFFICE PRODUCTS PLUS	820465-1	00176888	17003218	JANIT SUPP MUN COURT	02/16/18	262438	28.99-
OFFICE PRODUCTS PLUS							2,027.89-
Sum							
00001 OWENS BUSINESS MACHINES	347600	00176745	17002876	COPIER 1/18 M/ADM	02/16/18	262439	20.62-
00001 OWENS BUSINESS MACHINES	347599	00176745	17002877	COPIER 2/18 M/ADM	02/16/18	262439	187.00-
OWENS BUSINESS MACHINES							207.62-
Sum							
00001 PEARL RIVER CC/WOODALL A	1766 AARON 1	00176984	17003124	REG AARON EMT REFRESHER DAY	02/16/18	262442	40.00-
PEARL RIVER CC/WOODALL A							40.00-
Sum							

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PEARL RIVER VALLEY EPA (	00001	PEARL RIVER VALLEY EPA (	2/18 GENERAL	00020189 17003255 MONTHLY 2/18 PUBLIC SERVICES	02/16/18	262443	5,141.66-
Sum							5,141.66-
PEARL RIVER VALLEY EPA (	00001	PEARL RIVER VALLEY EPA (	2/18 GENERAL	00177131 17003249 JAIL DIVERSION GRANT 1/18	02/16/18	262446	4,340.07-
Sum							4,340.07-
PINE BELT MENTAL HEALTHC	00001	PINE BELT MENTAL HEALTHC	JANUARY 2018	00175527 17002872 GAS FOR FUEL STATION	02/16/18	262447	4,722.36-
Sum							11,890.49-
PINE BELT OIL COMPANY IN	00001	PINE BELT OIL COMPANY IN	10555741	00176662 17002873 GAS FOR FUEL STATION	02/16/18	262447	6,689.96-
Sum							374.00-
PINE BELT OIL COMPANY IN	00001	PINE BELT OIL COMPANY IN	10533281	00176662 17002874 DIESEL FOR FUEL STATION	02/16/18	262447	639.64-
Sum							1,647.81-
PINE BELT OIL COMPANY IN	00001	PINE BELT OIL COMPANY IN	1191027	00176847 17002995 GAS CARD #17741 POLICE	02/16/18	262447	10,836.76-
Sum							6,211.80-
PINE BELT OIL COMPANY IN	00001	PINE BELT OIL COMPANY IN	10525501	00177015 17003122 REMOTE SITE FUEL CHGS 1/18	02/16/18	262447	43,012.82-
Sum							39,733.84-
PINE BELT OIL COMPANY IN	00001	PINE BELT OIL COMPANY IN	1184186	00176377 17003162 GAS FOR FUEL STATION	02/16/18	262447	3,299.00-
Sum							3,299.00-
PINE BELT REGIONAL SOLID	00001	PINE BELT REGIONAL SOLID	100006 1/18	00177075 17003214 REFUSE DISPOSAL SANIT	02/16/18	262448	39,733.84-
Sum							39,733.84-
PRECISION DELTA CORP	00001	PRECISION DELTA CORP	10875	00176538 17002901 AMMUNITION P/F ACADEMY	02/16/18	262454	3,299.00-
Sum							3,299.00-
PUCKETT MACHINERY COMPAN	00001	PUCKETT MACHINERY COMPAN	WOH5276122	00175913 17002997 REPRS U#14956 SANIT	02/16/18	262455	18,230.00-
Sum							866.88-
PUCKETT MACHINERY COMPAN	00001	PUCKETT MACHINERY COMPAN	P05C5638555	00176697 17003213 REPR PTS U#14956 SANIT	02/16/18	262455	19,096.88-
Sum							158.64-
PUCKETT RENTS	00001	PUCKETT RENTS	638642	00176804 17003103 TRAC HOE REPR PTS U#18337 CEM	02/16/18	262456	158.64-
Sum							158.64-
QUALITY ELECTRIC COMPANY	00001	QUALITY ELECTRIC COMPANY	4880	00176577 17003140 ELEC SUPP SHOP STOCK	02/16/18	262457	331.76-
Sum							331.76-
RAYNER, JACK	00001	RAYNER, JACK	01312018	00176768 17002891 POLYGRAPHS VARI LATERALS	02/16/18	262459	600.00-
Sum							150.00-
REGIONS BANK (SANITATION	00001	REGIONS BANK (SANITATION	001-0000902-	02018340 17003258 GARB TRK LEASE DUE 2/18	02/14/18	112505	41,376.52-
Sum							41,376.52-

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Sum							41,376.52-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00176029	17003180	REG BERNARDO MML JKSN 1/9-11	02/16/18	262461	185.00-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00176639	17003181	REG LDU/BERNARDO MMCA CONF	02/16/18	262461	300.00-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00176769	17003182	FACEBOOK ADVERTISING 1/18	02/16/18	262461	259.46-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00176012	17003183	SPACE HEATERS ACCTG DEPT	02/16/18	262461	283.36-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00176591	17003184	AIRFARE GUTHRIE SIGN RESEARCH	02/16/18	262461	232.29-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00176592	17003185	AIRPT SHUTTLE GUTHRIE 3/20-22	02/16/18	262461	34.00-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00175554	17003186	MADDOX FLOODPLAIN MGT CERTIF	02/16/18	262461	440.00-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00175872	17003187	REG GUTHRIE APA CONF 4/21-24	02/16/18	262461	438.00-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00175875	17003188	REG MADDOX APA CONF 4/21-24	02/16/18	262461	774.00-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00176392	17003189	REG TOWNSEND HOUSING CONF	02/16/18	262461	225.00-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00177085	17003190	LATE PAYMENT FEE	02/16/18	262461	27.07-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00176466	17003191	CLOTH ALLOW GRAY POLICE	02/16/18	262461	197.16-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00176483	17003192	CLOTH ALLOW VARNADO POLICE	02/16/18	262461	395.40-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00176670	17003193	CLOTH ALLOW TAPP POLICE	02/16/18	262461	285.29-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00176680	17003194	CLOTH ALLOW DUNAWAY POLICE	02/16/18	262461	466.36-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00176510	17003195	DEES HARPER/MYERS CUTS TRNG	02/16/18	262461	510.00-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00176689	17003196	REG MILLER APA WRKSHOP 3/1/18	02/16/18	262461	50.00-
00001 REGIONS CARDHOLDER SERV	7079 1/31/18	00175990	17003197	TRVL BARNES MBC-LEO CONF	02/16/18	262461	182.57-
Sum							5,284.96-
REGIONS CARDHOLDER SERV							
00001 RICOH CORP	5051427631	00176727	17002910	COPIER 11/17 LAND CODE	02/16/18	262462	133.19-
00001 RICOH CORP	5051047453	00176727	17002911	COPIER 10/17 LAND CODE	02/16/18	262462	131.18-
00001 RICOH CORP	24047142	00176918	17003050	COPIER 2/15-3/14/18 HUMAN RES	02/16/18	262462	221.67-
00001 RICOH CORP	23909094	00176919	17003051	COPIER 1/15-2/14/18 HUMAN RES	02/16/18	262462	221.67-
00001 RICOH CORP	1074650557	00176895	17003131	PRINTER SUPP NBRHD COORD	02/16/18	262462	419.05-
Sum							1,126.76-
RICOH CORP							
00001 RJ YOUNG COMPANY	INV2292375	00176718	17002897	COPIER 12/24/17-1/23/18 POL	02/16/18	262464	253.00-
00001 RJ YOUNG COMPANY	INV2295492	00176785	17002898	COPIER 12/28/17-1/27/18 POL	02/16/18	262464	492.00-
00001 RJ YOUNG COMPANY	INV2111162	00176805	17002940	COPIER 9/6-10/5/17 PLANNING	02/16/18	262464	169.00-
00001 RJ YOUNG COMPANY	INV2295493	00176806	17002942	COPIER 12/17-1/18 FED/STATE	02/16/18	262464	187.00-
00001 RJ YOUNG COMPANY	INV2291132	00176793	17002946	COPIER 12/17-1/18 P/F ACDMY	02/16/18	262464	482.15-
00001 RJ YOUNG COMPANY	INV2291133	00176790	17002947	COPIER 12/17-1/18 FIRE DEPT	02/16/18	262464	374.69-
00001 RJ YOUNG COMPANY	INV2273856	00176787	17002958	COPIER 12/17-1/18 ENGR DEPT	02/16/18	262464	318.00-
00001 RJ YOUNG COMPANY	2178569	00176788	17002959	COPIER 10/14-11/13/17 ENGR	02/16/18	262464	390.88-
00001 RJ YOUNG COMPANY	INV2029895	00176858	17002987	GIS PLOTTER 7/17-8/16/17	02/16/18	262464	128.00-
00001 RJ YOUNG COMPANY	INV2072862	00176858	17002988	GIS PLOTTER 8/17-9/16/17	02/16/18	262464	128.00-
00001 RJ YOUNG COMPANY	INV2128339	00176858	17002989	GIS PLOTTER 9/17-10/16/17	02/16/18	262464	128.00-
00001 RJ YOUNG COMPANY	INV2183884	00176858	17002990	GIS PLOTTER 10/17-11/16/17	02/16/18	262464	128.00-
00001 RJ YOUNG COMPANY	INV2292344	00176887	17003021	COPIER 12/24/17-1/23/18 COURT	02/16/18	262464	168.00-
00001 RJ YOUNG COMPANY	INV2292301	00176887	17003022	COPIER 12/25/17-1/24/18 COURT	02/16/18	262464	335.00-
00001 RJ YOUNG COMPANY	INV2182007	00177020	17003133	COPIER 10/16-11/15/17 MPO	02/16/18	262464	174.00-
00001 RJ YOUNG COMPANY	INV2280675	00177021	17003134	PLOTTER 12/17-1/16/18 MPO	02/16/18	262464	128.00-
Sum							4,183.72-
RJ YOUNG COMPANY							
00001 SACKS OUTDOOR SUPPLY	RC1000112788	00176643	17002889	BDU PANTS CAPT HARRIS	02/16/18	262467	49.00-
00001 SACKS OUTDOOR SUPPLY	RC1000112859	00176767	17002991	BDU PANTS CAPT FLEMING	02/16/18	262467	44.39-
00001 SACKS OUTDOOR SUPPLY	RC1000112728	00177092	17003206	CLOTH ALLOW GRAY POLICE	02/16/18	262467	39.39-
Sum							132.78-

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SACKS OUTDOOR SUPPLY							
Sum							133.98-
00001 SANFORD, JOHN L JR INC	50509	00176744	17003107	TOPSOIL CITY WIDE USE	02/16/18	262468	1,250.00-
SANFORD, JOHN L JR INC							1,250.00-
Sum							1,000.00-
00001 SCALES BIOLOGICAL LABORA	7771	00176741	17003053	CRIMINAL PATERNITY TEST	02/16/18	262469	1,000.00-
SCALES BIOLOGICAL LABORA							1,000.00-
Sum							536.58-
00001 SCOTTS HYDRAULIC SERVICE	32069	00176838	17003048	REPRS U#20069 SANIT	02/16/18	262470	1,616.72-
00001 SCOTTS HYDRAULIC SERVICE	31860	00176096	17003224	REPRS U#15064 FIRE DEPT	02/16/18	262470	2,153.30-
SCOTTS HYDRAULIC SERVICE							5,302.50-
Sum							82.81-
00001 SHOWS DEARMAN & WAITS IN	20084	00176995	17003126	SRV 12/24-1/27 EPA RESPONSE	02/16/18	262471	5,302.50-
SHOWS DEARMAN & WAITS IN							5,302.50-
Sum							82.81-
00001 SIGNS FIRST	H-60184	00176989	17003094	INNAUGURATION THANK YOU SIGNS	02/16/18	262472	82.81-
SIGNS FIRST							82.81-
Sum							931.00-
00001 SOUTH MS EMERGENCY PHYSI	SHM033863827	00176794	17002949	SRV 12/13/17 BARETT PRISONER	02/16/18	262475	924.00-
00001 SOUTH MS EMERGENCY PHYSI	SHM032357441	00176794	17002950	SRV 9/26/17 DAVIS PRISONER	02/16/18	262475	585.00-
00001 SOUTH MS EMERGENCY PHYSI	192394167/27	00176794	17002951	SRV 8/01/17 HOOKER PRISONER	02/16/18	262475	931.00-
00001 SOUTH MS EMERGENCY PHYSI	SHM033511129	00176794	17002952	SRV 11/26/17 MAIRA PRISONER	02/16/18	262475	931.00-
00001 SOUTH MS EMERGENCY PHYSI	32344467 MCN	00176794	17002953	SRV 9/26/17 MOODY PRISONER	02/16/18	262475	730.00-
00001 SOUTH MS EMERGENCY PHYSI	SHM033368169	00176794	17002954	SRV 11/17/17 MOODY PRISONER	02/16/18	262475	730.00-
00001 SOUTH MS EMERGENCY PHYSI	SHM033054571	00176794	17002955	SRV 11/2/17 PATTON PRISONER	02/16/18	262475	1,329.00-
00001 SOUTH MS EMERGENCY PHYSI	SHM032338911	00176794	17002956	SRV 9/26/17 SMOR PRISONER	02/16/18	262475	7,091.00-
SOUTH MS EMERGENCY PHYSI							1,960.88-
Sum							1,960.88-
00001 SOUTHEAST EQUIPMENT SERV	5022	00177107	17003227	REPAIR CALL ON DUPLD CUTTER	02/16/18	262476	1,960.88-
SOUTHEAST EQUIPMENT SERV							1,960.88-
Sum							820.00-
00001 SOUTHEASTERN CONCRETE CO	29695	00173942	17003157	CONCRETE CITY WIDE USE	02/16/18	262477	615.00-
00001 SOUTHEASTERN CONCRETE CO	29696	00173942	17003158	CONCRETE CITY WIDE USE	02/16/18	262477	410.00-
00001 SOUTHEASTERN CONCRETE CO	29851	00173942	17003159	CONCRETE CITY WIDE USE	02/16/18	262477	1,845.00-
SOUTHEASTERN CONCRETE CO							305.34-
Sum							456.20-
00001 SOUTHERN FINANCIAL SYSTE	CMCHAT2 1/02	02018335	17003077	POLICE FINES COLI.FEE	02/16/18	262479	
00001 SOUTHERN FINANCIAL SYSTE	CMCHAT3 1/02	02018336	17003078	POLICE FINES COLI.FEE	02/16/18	262479	
SOUTHERN FINANCIAL SYSTE							

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Sum							761.54-
00001 SOUTHERN PINE ELECTRIC P	2/18 GENERAL	00020187	17003256	MANTHLY 2/18 PUBLIC SERVICES	02/16/18	262480	1,178.25-
SOUTHERN PINE ELECTRIC P							1,178.25-
Sum							12,546.00-
00001 SOUTHERN PINES ANIMAL SH	#3			HANDLING, HOUSING 1/18	02/16/18	262481	12,546.00-
SOUTHERN PINES ANIMAL SH							12,546.00-
Sum							164.36-
00001 SOUTHERN TIRE MART #9 (M	9027436			TIRE U#14682 LAND CODE	02/16/18	262482	164.36-
SOUTHERN TIRE MART #9 (M							164.36-
Sum							2,654.32-
00001 SOUTHERN TIRE MART LLC	11140745			TIRES U#18099 TIRE DEPT	02/16/18	262483	328.44-
00001 SOUTHERN TIRE MART LLC	11140080			TIRE U#16010 CEMETERY	02/16/18	262483	67.67-
00001 SOUTHERN TIRE MART LLC	11141180			TIRE REPR U#7868 CEMETERY	02/16/18	262483	458.38-
00001 SOUTHERN TIRE MART LLC	11141221			TIRES U#7868 CEMETERY	02/16/18	262483	248.31-
00001 SOUTHERN TIRE MART LLC	9028947			TIRES TASK FORCE TRAILER	02/16/18	262483	248.31-
SOUTHERN TIRE MART LLC							3,757.12-
Sum							175.00-
00001 SOUTHGROUP (HATTIESBURG	HATTIES-02 1	00176939	17003054	BOND RENEWAL CHIEF PARKER	02/16/18	262484	175.00-
SOUTHGROUP (HATTIESBURG							175.00-
Sum							38.00-
00001 SPEEDY PRINTING & SIGNS	24926			00176925 17003141 ADDRESS LETTERS PUBLIC WORKS	02/16/18	262485	38.00-
SPEEDY PRINTING & SIGNS							11,359.03-
Sum							11,359.03-
00001 SPIRE ENERGY	2/18 GENERAL	00020189	17003257	MANTHLY GAS-GENERAL	02/16/18	262486	11,359.03-
SPIRE ENERGY							87.99-
Sum							137.96-
00001 STANDARD OFFICE SUPPLY C	0075059-001			00176628 17002881 OFFICE SUPP PURCHASING DEPT	02/16/18	262487	103.50-
00001 STANDARD OFFICE SUPPLY C	0075030-001			00176276 17002936 PRINTER SUPP PARKING DIV	02/16/18	262487	85.98-
00001 STANDARD OFFICE SUPPLY C	0074757-001			00175925 17003104 NOTARY STAMPS VARI IND M/ADM	02/16/18	262487	40.47-
00001 STANDARD OFFICE SUPPLY C	0075363-001			00176682 17003261 PAPER SUPP M/ADM	02/16/18	262487	40.47-
00001 STANDARD OFFICE SUPPLY C	0075364-001			00176692 17003262 NOTARY PUBLIC BOOKS M/ADM	02/16/18	262487	40.47-
STANDARD OFFICE SUPPLY C							455.90-
Sum							201.81-
00001 STAPLES	8048487538 (A	00176660	17003176	PAPER/OFFICE SUPP PLANNING	02/16/18	262488	201.81-
STAPLES							201.81-
Sum							95.70-
00001 STEPHENS, ROBERT	SHIPPING FEE 00177062	17003212	REIMB SHIP FEE CIVIL SRV TEST		02/16/18	262489	95.70-

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STEPHENS, ROBERT Sum							95.70-
00001 STEWART'S CAMERA CENTER	8885		00176861	17003177 PHOTO PRINTS D/TOWN SURVEY.18	02/16/18	262491	91.00-
STEWART'S CAMERA CENTER Sum							91.00-
00001 SUNEELT FIRE INC	308848		00175993	17003105 REPR PTS U#15491 FIRE DEPT	02/16/18	262492	58.30-
SUNEELT FIRE INC Sum							58.30-
00001 TFR GROUP, LLC	2018100		00177169	17003265 CONSULT TWIN FORKS RISING III	02/16/18	262494	16,000.00-
TFR GROUP, LLC Sum							16,000.00-
00001 THYSENKRUPP ELEVATOR CO	3003701512		00177130	17003254 MAINT 2/18 PINE ST GARAGE	02/16/18	262499	483.78-
THYSENKRUPP ELEVATOR CO Sum							483.78-
00001 TOPP MCWHORTER HARVEY, P	194543		00177001	17003120 INTERIM BILLING FY 16 AUDIT	02/16/18	262500	40,000.00-
TOPP MCWHORTER HARVEY, P Sum							40,000.00-
00001 TRANSSION RISK AND ALTE	362606 2/01/		00176845	17002992 ONLINE INVESTIGATIONS 1/18	02/16/18	262501	136.00-
TRANSSION RISK AND ALTE Sum							136.00-
00001 TRUCKPRO INC	039-0641276		00176396	17003041 REPR PTS U#18100 FIRE DEPT	02/16/18	262502	512.18-
TRUCKPRO INC Sum							512.18-
00001 TWEYES INC	2017-B5364		00177162	17003270 MEDIA MONITORING 11/17-10/18	02/16/18	262504	3,600.00-
TWEYES INC Sum							3,600.00-
00001 ULINE	94327793		00176621	17003030 BOXES FOR EVIDENCE STORAGE	02/16/18	262506	637.42-
ULINE Sum							637.42-
00001 UNDERWOOD OUTDOOR POWER, S2266			00175152	17003179 REPR U#18046 MOWER P/F ACDMY	02/16/18	262507	345.99-
UNDERWOOD OUTDOOR POWER, Sum							345.99-
00001 V F W OF THE US	PARKING SPAC 00176756		17002938	PARKING SPACES 2/18	02/16/18	262508	75.00-
V F W OF THE US Sum							75.00-

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VERIZON WIRELESS	9800914064	00177134	17003251	HPD WIRELESS SERVICE	02/16/18	262512	2,400.64-
Sum							2,400.64-
VERMEER MIDSOUTH INC	"C 00308486	00176704	17002998	BRUSH CLIPPER REPR PTS CMTRY	02/16/18	262513	54.79-
Sum							54.79-
VULCAN SIGNS	319098	00175396	17002919	STREET SIGNS TRAFFIC DEPT	02/16/18	262515	5,731.10-
Sum							5,731.10-
W D A M - TV	1844753-1	00174641	17003083	POLICE RECRUIT ADS 2018	02/16/18	262516	745.00-
00001 W D A M - TV	1844753B-2	00174641	17003087	POLICE RECRUIT ADS 2018	02/16/18	262516	300.00-
00001 W D A M - TV	1844753A-2	00174641	17003088	POLICE RECRUIT ADS 2018	02/16/18	262516	560.00-
00001 W D A M - TV	1844753A-3	00174641	17003089	POLICE RECRUIT ADS 2018	02/16/18	262516	495.00-
00001 W D A M - TV	NLC ADS 2/15	00177117	17003252	NLC BANK ON ADVERTISING	02/16/18	262516	4,390.00-
Sum							6,490.00-
WAGE HOUR ASSESSMENTS AN	CH 0118-001	00177016	17003119	MONTHLY RETAINER FEE	02/16/18	262517	500.00-
Sum							500.00-
WASTE MANAGEMENT OF SOUT	0010540-2526	00177076	17003215	WASTE DISPOSAL SANIT	02/16/18	262520	1,933.58-
Sum							1,933.58-
WATERS INTERNATIONAL TRU	08P847890	00176647	17002928	REPR PTS U#12956 STREET	02/16/18	262521	124.36-
00001 WATERS INTERNATIONAL TRU	08P848130	00176651	17002929	IMPACT WRENCH FOR SHOP	02/16/18	262521	166.97-
00001 WATERS INTERNATIONAL TRU	08P848396	00176676	17002999	BRAKE PTS U#12891 CEMETERY	02/16/18	262521	801.88-
00001 WATERS INTERNATIONAL TRU	08P848546	00176833	17003044	REPR PTS U#16009 STREET	02/16/18	262521	753.42-
00001 WATERS INTERNATIONAL TRU	08P848570	00176837	17003045	REPR PTS VARI STREET UNITS	02/16/18	262521	699.20-
00001 WATERS INTERNATIONAL TRU	08P848251	00176780	17003125	REPR PTS U#18099 FIRE DEPT	02/16/18	262521	269.84-
00001 WATERS INTERNATIONAL TRU	08P848837	00177011	17003144	REPR PTS U#12891 CEMETERY	02/16/18	262521	74.20-
00001 WATERS INTERNATIONAL TRU	08P848074	00176554	17003167	REPR PTS U#18099 FIRE DEPT	02/16/18	262521	112.65-
Sum							3,002.52-
WB MASON CO INC (FORMERL	IS1850736	00176578	17003199	PRINTER SUPP INFO TECH	02/16/18	262522	437.28-
Sum							437.28-
WHEELER'S JANITORIAL SUP	0401787	00176617	17003147	JANIT SUPP TRAIN DEPOT	02/16/18	262524	767.20-
Sum							767.20-
WHEELER'S JANITORIAL SUP							
Sum							
00001 WHIT TV CBS 22	NLC BANK ON	00177116	17003253	NLC BANK ON ADVERTISING	02/16/18	262525	1,250.00-

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WHLT TV CBS 22							
Sum							1,250.00-
00001 WORKWELL SERVICES (NEW V 37335					02/16/18	262527	151.00-
00001 WORKWELL SERVICES (NEW V 37944					02/16/18	262527	75.00-
WORKWELL SERVICES (NEW V							226.00-
Sum							5,796.00-
00001 98 WASTE LLC	1083		00176962	17003102 RUBBISH DISPOSAL SANIT	02/16/18	262529	
98 WASTE LLC							5,796.00-
Sum							1,664,949.30-

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PARKS & RECREATION FUND							
00002 A & R FARM AND GARDEN	313736	00176435	17000487	PAPER STICKS/RAIN BOOTS	02/16/18	262254	796.00-
00002 A & R FARM AND GARDEN	313816	00176988	17000556	SAND BAGS	02/16/18	262254	35.00-
A & R FARM AND GARDEN							831.00-
Sum							310.00-
00002 ANOINTED HANDS SERVICES, 5408		00176789	17000483	SERVS 2/18 REC MAINT	02/16/18	262265	310.00-
ANOINTED HANDS SERVICES,							310.00-
Sum							1,112.00-
00002 AYERS DISTRIBUTING CO	5927	00176657	17000531	EASTER EGG HUNT SUPP SIGLER	02/16/18	262277	1,112.00-
AYERS DISTRIBUTING CO							1,112.00-
Sum							910.14-
00002 B S N SPORTS	901518044	00176686	17000518	BALLFIELD BASES	02/16/18	262278	4,216.74-
00002 B S N SPORTS	901472673	00176434	17000532	BALLFIELD SUPP/BASES	02/16/18	262278	5,126.88-
B S N SPORTS							45.93-
Sum							262280
00002 BEARD EQUIPMENT CO	960773	00176752	17000523	REPR PTS U#19532 SANDPRO	02/16/18	262280	600.00-
BEARD EQUIPMENT CO							600.00-
Sum							143.82-
00002 BLUE DOLPHIN POOL	31188	00176942	17000497	MONTHLY FOUNTAIN SRVS VARI LOC	02/16/18	262282	605.12-
BLUE DOLPHIN POOL							394.13-
Sum							427.48-
00002 BRACKMAN MOWER WAREHOUSE	35754	00176569	17000473	REPRS U#19303 MOWER	02/16/18	262286	585.00-
00002 BRACKMAN MOWER WAREHOUSE	35756	00176570	17000474	REPRS U#19464 & 19465 MOWERS	02/16/18	262286	48.00-
00002 BRACKMAN MOWER WAREHOUSE	35760	00176571	17000475	REPRS U#17998 MOWER	02/16/18	262286	493.83-
00002 BRACKMAN MOWER WAREHOUSE	35761	00176573	17000476	REPRS U#20745 MOWER	02/16/18	262286	340.13-
00002 BRACKMAN MOWER WAREHOUSE	35740	00176574	17000477	REPRS U#20232 MOWER	02/16/18	262286	461.28-
00002 BRACKMAN MOWER WAREHOUSE	35772	00176678	17000492	MOWER BLADES GRNDS MAINT	02/16/18	262286	425.13-
00002 BRACKMAN MOWER WAREHOUSE	35846	00176907	17000524	REPRS U#18867 MOWER	02/16/18	262286	
00002 BRACKMAN MOWER WAREHOUSE	35844	00176909	17000525	REPRS U#18866 MOWER	02/16/18	262286	
00002 BRACKMAN MOWER WAREHOUSE	35842	00176910	17000526	REPRS U#19303 MOWER	02/16/18	262286	
00002 BRACKMAN MOWER WAREHOUSE	35845	00176911	17000527	REPRS U#19464 MOWER	02/16/18	262286	
00002 BRACKMAN MOWER WAREHOUSE	35843	00176912	17000528	REPRS U#20234 MOWER	02/16/18	262286	
BRACKMAN MOWER WAREHOUSE							4,264.08-
Sum							525.00-
00002 BRADDOCK, ARETHA		OFFICIAL 1/2	02018337	17000538 OFFICIAL-ADULT BASKETBALL	02/16/18	262287	525.00-
BRADDOCK, ARETHA							400.00-
Sum							400.00-
00002 BRYANT, ERNEST J		SPORTS SERVS	02018338	17000545 SPORTS SUPPORT SERVICES	02/16/18	262290	400.00-
BRYANT, ERNEST J							400.00-
Sum							

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00002 CARQUEST AUTO PARTS STOR	14758-103384	00176668	17000559	REPR PTS U#11961 TRUCK	02/16/18	262294	190.91-
00002 CARQUEST AUTO PARTS STOR	14758-103781	00176904	17000560	REPR PTS U#11961 TRUCK	02/16/18	262294	368.08-
00002 CARQUEST AUTO PARTS STOR	14758-104099	00177060	17000561	REPR PTS GRNDS MAINT TRUCK	02/16/18	262294	7.94-
CARQUEST AUTO PARTS STOR							566.93-
Sum							
00002 CINTAS CORPORATION #J66	J66566931	00176967	17000500	MATS 12/25/17 REC MAINT	02/16/18	262308	4.95-
00002 CINTAS CORPORATION #J66	J66568454	00176967	17000501	MATS 1/08/18 GRNDS MAINT	02/16/18	262308	4.95-
00002 CINTAS CORPORATION #J66	J66569232	00176967	17000502	MATS 1/15/18 GRNDS MAINT	02/16/18	262308	4.95-
00002 CINTAS CORPORATION #J66	J66570025	00176967	17000503	MATS 1/22/18 GRNDS MAINT	02/16/18	262308	4.95-
00002 CINTAS CORPORATION #J66	J66570817	00176967	17000504	MATS 1/29/18 GRNDS MAINT	02/16/18	262308	4.95-
00002 CINTAS CORPORATION #J66	J66571609	00176967	17000505	MATS 2/05/18 GRNDS MAINT	02/16/18	262308	185.68-
00002 CINTAS CORPORATION #J66	J66566932	00176967	17000506	UNIFORMS 12/25/17 GRNDS MAINT	02/16/18	262308	136.30-
00002 CINTAS CORPORATION #J66	J66568455	00176967	17000507	UNIFORMS 1/08/18 GRNDS MAINT	02/16/18	262308	122.30-
00002 CINTAS CORPORATION #J66	J66569233	00176967	17000508	UNIFORMS 1/15/18 GRNDS MAINT	02/16/18	262308	122.30-
00002 CINTAS CORPORATION #J66	J66570026	00176967	17000509	UNIFORMS 1/22/18 GRNDS MAINT	02/16/18	262308	117.22-
00002 CINTAS CORPORATION #J66	J66570818	00176967	17000510	UNIFORMS 1/29/18 GRNDS MAINT	02/16/18	262308	115.32-
00002 CINTAS CORPORATION #J66	J66571610	00176967	17000511	UNIFORMS 2/05/18 GRNDS MAINT	02/16/18	262308	
CINTAS CORPORATION #J66							828.82-
Sum							
00002 CITY OF HATTIESBURG FUND TRF 2ND 2/18	02018307	17000569	TRF 2ND 2/18	PAYROLL	02/14/18	311755	55,992.64-
CITY OF HATTIESBURG FUND							55,992.64-
Sum							
00002 COMMERCIAL STATIONERY CO	409267-0	00176260	17000534	RECEIPT BOOKS MCNAIR CENTER	02/16/18	262315	112.50-
00002 COMMERCIAL STATIONERY CO	409442-0	00176914	17000557	IND STRENGTH VELCRO	02/16/18	262315	200.94-
COMMERCIAL STATIONERY CO							313.44-
Sum							
00002 CONNER, TOBARRA	SPORTS SERV	02018338	17000546	SPORTS SUPPORT SERVICES	02/16/18	262317	104.00-
CONNER, TOBARRA							104.00-
Sum							
00002 COURTESY MOTORS INC	472555	00176667	17000562	REPR PTS U#11961 TRUCK	02/16/18	262322	28.24-
COURTESY MOTORS INC							28.24-
Sum							
00002 DOGIPOT (PROPET DISTRIBU	120779	00176644	17000513	LITTER PICKUP BAGS DOG PARK	02/16/18	262327	488.35-
DOGIPOT (PROPET DISTRIBU							488.35-
Sum							
00002 ECONOMY SUPPLY CO	289071	00176808	17000498	BOARDWALK MATTS KAMPER PARK	02/16/18	262330	1,514.07-
00002 ECONOMY SUPPLY CO	288894	00176732	17000519	BOARDWALK SUPP DAHMER PARK	02/16/18	262330	515.32-
00002 ECONOMY SUPPLY CO	289138	00176937	17000520	WASHERS/PINS DOWNTOWN BENCHES	02/16/18	262330	99.96-
ECONOMY SUPPLY CO							2,129.35-
Sum							
00002 ELKINS WHOLESALE INC	337827-00	00176875	17000514	JANIT SUPP GRNDS MAINT	02/16/18	262331	505.19-

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ELKINS WHOLESALE INC							
Sum							505.19-
00002 FERGUSON ENTERPRISES INC	7544018				02/16/18	262339	54.53-
00002 FERGUSON ENTERPRISES INC	7571101				02/16/18	262339	54.53-
FERGUSON ENTERPRISES INC							109.06-
Sum							
00002 GARNER LUMLEY ELECTRIC S	545964				02/16/18	262347	32.00-
00002 GARNER LUMLEY ELECTRIC S	545236				02/16/18	262347	3,937.14-
GARNER LUMLEY ELECTRIC S							3,969.14-
Sum							
00002 GILES, CURTIA L				SPORTS SERV 02018338 17000547 SPORTS SUPPORT SERVICES	02/16/18	262350	100.00-
GILES, CURTIA L							100.00-
Sum							
00002 GILLILANDS ELECTRONICS S	65883				02/16/18	262352	780.00-
GILLILANDS ELECTRONICS S							780.00-
Sum							
00002 GLOBAL SECURITY COMPANY	10192				02/16/18	262355	568.00-
GLOBAL SECURITY COMPANY							568.00-
Sum							
00002 GRIFFIN, GABRIEL				OFFICIAL 1/2 02018337 17000539 OFFICIAL-ADULT BASKETBALL	02/16/18	262357	100.00-
GRIFFIN, GABRIEL							100.00-
Sum							
00002 GROVER'S PAINTING INC	3993				02/16/18	262359	4,637.00-
GROVER'S PAINTING INC							4,637.00-
Sum							
00002 HAVARD PEST CONTROL INC	1201362				02/16/18	262365	895.00-
HAVARD PEST CONTROL INC							895.00-
Sum							
00002 HUDSON, KENNETH J				OFFICIAL 1/2 02018337 17000540 OFFICIAL-ADULT BASKETBALL	02/16/18	262371	625.00-
HUDSON, KENNETH J							625.00-
Sum							
00002 IRBY, STUART C CO				5010476743.0 00174778 17000565 LIGHT POLES 125 WALNUT ST	02/16/18	262380	4,325.00-
IRBY, STUART C CO							4,325.00-
Sum							
00002 J M H GRAPHICS	13130				02/16/18	262382	42.00-
J M H GRAPHICS							42.00-

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J M H GRAPHICS Sum							42.00-
00002 JACKSON, ROOSEVELT III	565897		00176738	17000533 PAINTING DUNCAN LAKE/ESIDE PK	02/16/18	262383	2,645.00-
JACKSON, ROOSEVELT III Sum							2,645.00-
00002 JERRY'S AUTOMOTIVE REPAIR	19043		00176666	17000489 REPRS U#16048 TRUCK	02/16/18	262385	1,372.55-
00002 JERRY'S AUTOMOTIVE REPAIR	19065		00177030	17000563 REPRS U#16048 TRUCK	02/16/18	262385	491.40-
JERRY'S AUTOMOTIVE REPAIR Sum							1,863.95-
00002 JORDAN, DEXTER JR			SPORTS SERVS 02018338	17000548 SPORTS SUPPORT SERVICES	02/16/18	262390	192.00-
JORDAN, DEXTER JR Sum							192.00-
00002 KETTLEY, ANNETTE			SPORTS SERVS 02018338	17000549 SPORTS SUPPORT SERVICES	02/16/18	262391	492.00-
KETTLEY, ANNETTE Sum							492.00-
00002 KINNEL, ISAAC I			OFFICIAL 1/2 02018337	17000541 OFFICIAL-ADULT BASKETBALL	02/16/18	262392	750.00-
KINNEL, ISAAC I Sum							750.00-
00002 LARRY'S WRECKER SERVICE	4213		00176906	17000529 TOWING U#9621 TRUCK	02/16/18	262397	65.00-
00002 LARRY'S WRECKER SERVICE	4214		00176906	17000530 TOWING U#8937 TRUCK	02/16/18	262397	65.00-
LARRY'S WRECKER SERVICE Sum							130.00-
00002 MOTT, ANDREW			SPORTS SERVS 02018338	17000550 SPORTS SUPPORT SERVICES	02/16/18	262415	100.00-
MOTT, ANDREW Sum							100.00-
00002 MS POWER COMPANY			2/18 PKS/REC 00020189	17000568 MONTHLY ELEC-PARKS & REC	02/16/18	262418	1,398.30-
MS POWER COMPANY Sum							1,398.30-
00002 MS STATE/EMP SECURITY CO	9200131000	1	00176832	17000486 UNEMP BENEFITS 1/18 PKS/REC	02/16/18	262420	763.94-
MS STATE/EMP SECURITY CO Sum							763.94-
00002 NATIONAL INTRAMURAL ACTI	1010		00176978	17000499 BASKETBALL LEAGUE PLAYER FEES	02/16/18	262426	966.00-
NATIONAL INTRAMURAL ACTI Sum							966.00-
00002 NATL RECREATION & PARK A	13764	2018	00177097	17000566 MEMSHIP PARKS/REC DEPT 2018	02/16/18	262429	650.00-

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NATL RECREATION & PARK A Sum							650.00-
00002 NEEEL-SCHAFER INC	1049427	00176698	17000479	SRV TMBRTN SB COMPLEX RESTORA	02/16/18	262430	6,830.02-
00002 NEEEL-SCHAFER INC	1049429 PH 3	00176865	17000493	SRV 12/17 TATUM SOCCER LIGHTS	02/16/18	262430	1,332.40-
00002 NEEEL-SCHAFER INC	1049429 PH 3	00176867	17000494	SRV 12/17 SULLIVAN PK PAVILIN	02/16/18	262430	6,759.90-
NEEL-SCHAFER INC Sum							14,922.32-
00002 NEEWELL PAPER COMPANY	4019411	00176521	17000515	FLOOR MAX PRESSESBOXES/CONCEMS	02/16/18	262432	416.18-
NEEWELL PAPER COMPANY Sum							416.18-
00002 OFFICE DEPOT INC	2151670558	00176387	17000472	OFFICE SUPP TATUM REC OFFICE	02/16/18	262436	202.76-
00002 OFFICE DEPOT INC	2153401102	00176417	17000491	PRINTER/MONITOR REC ADM	02/16/18	262436	259.90-
OFFICE DEPOT INC Sum							462.66-
00002 PHILLIPS BARK PROCESSING	123879	00176645	17000516	MULCH GRACE CHRISTIAN/THAMES	02/16/18	262444	1,410.00-
PHILLIPS BARK PROCESSING Sum							1,410.00-
00002 PITTMAN, MILTON	OFFICIAL 1/2	02018337	17000542	OFFICIAL-ADULT BASKETBALL	02/16/18	262450	325.00-
PITTMAN, MILTON Sum							325.00-
00002 PLAY IT AGAIN SPORTS	PO#176472 1/	00176472	17000481	BASKETBALL JERSEYS	02/16/18	262451	384.00-
00002 PLAY IT AGAIN SPORTS	PO#176730 1/	00176730	17000564	ADULT BASKETBALL SUPPLIES	02/16/18	262451	55.98-
PLAY IT AGAIN SPORTS Sum							439.98-
00002 POWELL, RANDY	SPORTS SERV	02018338	17000551	SPORTS SUPPORT SERVICES	02/16/18	262453	608.00-
POWELL, RANDY Sum							608.00-
00002 SOLAR SUPPLY INC	3499465	00176890	17000522	A/C SUPP MCNAIR CENTER	02/16/18	262474	210.40-
SOLAR SUPPLY INC Sum							210.40-
00002 SOUTHERN TIRE MART #9 (M	9028619	00176595	17000478	TIRE U#18867 MOWER	02/16/18	262482	32.42-
00002 SOUTHERN TIRE MART #9 (M	9028715	00176677	17000488	TIRE REPR/OIL CHG U#9603	02/16/18	262482	49.90-
00002 SOUTHERN TIRE MART #9 (M	9028550	00176491	17000490	TIRE/LIGHT REPR U#20419 TRUCK	02/16/18	262482	30.45-
00002 SOUTHERN TIRE MART #9 (M	9028890	00176903	17000537	TIRE U#11214 TRUCK	02/16/18	262482	133.11-
SOUTHERN TIRE MART #9 (M Sum							245.88-
00002 SPIRE ENERGY	2/18 PKS/REC	00020189	17000567	NATHLY GAS-PARKS & REC	02/16/18	262486	621.67-

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SPIRE ENERGY Sum							621.67-
00002 STEWART, LARRY				SPORTS SERVS 02018338 17000552 SPORTS SUPPORT SERVICES	02/16/18	262490	256.00-
STEWART, LARRY Sum							256.00-
00002 TERRELL, WINSTON				OFFICIAL 1/2 02018337 17000543 OFFICIAL-ADULT BASKETBALL	02/16/18	262493	250.00-
TERRELL, WINSTON Sum							250.00-
00002 THOMPSON, JESSE				OFFICIAL 1/2 02018337 17000544 OFFICIAL-ADULT BASKETBALL	02/16/18	262498	350.00-
THOMPSON, JESSE Sum							350.00-
00002 VARNADO, ALEXANDRIA				SPORTS SERVS 02018338 17000553 SPORTS SUPPORT SERVICES	02/16/18	262510	320.00-
VARNADO, ALEXANDRIA Sum							320.00-
00002 VARNADO, UNDRRA				SPORTS SERVS 02018338 17000554 SPORTS SUPPORT SERVICES	02/16/18	262511	440.00-
VARNADO, UNDRRA Sum							440.00-
00002 VESELY'S NURSERY				PO#176816 2/ 00176816 17000517 FERNS SOUL FOOD CELEB T DEPOT	02/16/18	262514	120.00-
VESELY'S NURSERY Sum							120.00-
00002 WHEELER, CURTIS				SPORTS SERVS 02018338 17000555 SPORTS SUPPORT SERVICES	02/16/18	262523	40.00-
WHEELER, CURTIS Sum							40.00-
Sum							121,711.33-

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PAYROLL FUND							
00006 PROVIDENT LIFE AND ACCID	01/2018	00201866	17000219	EMP CONTRIB 1/18	02/14/18	112506	5,854.10-
PROVIDENT LIFE AND ACCID							5,854.10-
Sum							5,854.10-

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WATER & SEWER OPERATION/MAINT. 00009 ANDERSON RETAIL INC	133328	00176201	17000591	FLOORING GREEN OFFICE SEWER	02/16/18	262264	453.13-
ANDERSON RETAIL INC Sum							453.13-
00009 BENNETT'S LOCK & KEY SHO	0065741	00176161	17000589	LOCKS PLT#2 DIV MANAGER	02/16/18	262281	25.00-
BENNETT'S LOCK & KEY SHO Sum							25.00-
00009 BONNER ANALYTICAL TESTIN	65184	00176702	17000543	NPDES MONITORING 1/18 LAGOONS	02/16/18	262285	885.82-
BONNER ANALYTICAL TESTIN Sum							885.82-
00009 BRUNINI	225709	00177024	17000618	LEGAL FEES 12/17	02/16/18	262289	8,148.03-
BRUNINI Sum							8,148.03-
00009 CENTRAL PIPE SUPPLY INC	S100126666.0	00176379	17000622	PLUMB SUPP TRANS STOCK	02/16/18	262297	1,311.35-
00009 CENTRAL PIPE SUPPLY INC	S100126666.0	00176379	17000623	PLUMB SUPP TRANS STOCK	02/16/18	262297	48.50-
00009 CENTRAL PIPE SUPPLY INC	S100126666.0	00176379	17000624	PLUMB SUPP TRANS STOCK	02/16/18	262297	35.00-
00009 CENTRAL PIPE SUPPLY INC	S100126666.0	00176379	17000625	PLUMB SUPP TRANS STOCK	02/16/18	262297	566.20-
00009 CENTRAL PIPE SUPPLY INC	S100126666.0	00176379	17000626	PLUMB SUPP TRANS STOCK	02/16/18	262297	421.15-
CENTRAL PIPE SUPPLY INC Sum							2,382.20-
00009 CERTIFIED LABORATORIES	3018860	00176795	17000631	FLOW LINE CLEANER SEWER DEPT	02/16/18	262298	6,202.50-
CERTIFIED LABORATORIES Sum							6,202.50-
00009 CHAIN ELECTRIC COMPANY	89491	00174704	17000615	REPRS JULIAN ST LIFT STA	02/16/18	262299	6,415.00-
CHAIN ELECTRIC COMPANY Sum							6,415.00-
00009 CINTAS CORPORATION #J66	J66568250	00176765	17000552	UNIFORMS 1/04 WTR SERVICE MEN	02/16/18	262308	37.96-
00009 CINTAS CORPORATION #J66	J66569028	00176765	17000553	UNIFORMS 1/11 WTR SERVICE MEN	02/16/18	262308	23.96-
00009 CINTAS CORPORATION #J66	J66569810	00176765	17000554	UNIFORMS 1/18 WTR SERVICE MEN	02/16/18	262308	23.96-
00009 CINTAS CORPORATION #J66	J66570609	00176765	17000555	UNIFORMS 1/25 WTR SERVICE MEN	02/16/18	262308	23.96-
00009 CINTAS CORPORATION #J66	J66569245	00176720	17000556	UNIFORMS 1/15 TRANS	02/16/18	262308	74.37-
00009 CINTAS CORPORATION #J66	J66569246	00176720	17000557	MOP/MAT 1/15 PLANT	02/16/18	262308	13.99-
00009 CINTAS CORPORATION #J66	J66569245	00176720	17000558	UNIFORMS 1/15 PLANT	02/16/18	262308	51.65-
00009 CINTAS CORPORATION #J66	J66569245	00176720	17000559	UNIFORMS 1/15 SEWER	02/16/18	262308	54.80-
00009 CINTAS CORPORATION #J66	J66569245	00176720	17000560	UNIFORMS 1/15 LAGOON	02/16/18	262308	25.87-
00009 CINTAS CORPORATION #J66	J66570037	00176721	17000561	UNIFORMS 1/22 TRANS	02/16/18	262308	95.37-
00009 CINTAS CORPORATION #J66	J66570038	00176721	17000562	MOP/MAT 1/22 PLANT	02/16/18	262308	13.99-
00009 CINTAS CORPORATION #J66	J66570037	00176721	17000563	UNIFORMS 1/22 PLANT	02/16/18	262308	51.65-
00009 CINTAS CORPORATION #J66	J66570037	00176721	17000564	UNIFORMS 1/22 SEWER	02/16/18	262308	47.80-
00009 CINTAS CORPORATION #J66	J66570037	00176721	17000565	UNIFORMS 1/22 LAGOON	02/16/18	262308	88.87-
00009 CINTAS CORPORATION #J66	J66570830	00176722	17000566	UNIFORMS 1/29 TRANS	02/16/18	262308	74.37-
00009 CINTAS CORPORATION #J66	J66570831	00176722	17000567	MOP/MAT 1/29 PLANT	02/16/18	262308	13.99-
00009 CINTAS CORPORATION #J66	J66570830	00176722	17000568	UNIFORMS 1/29 PLANT	02/16/18	262308	51.65-

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00009 CINTAS CORPORATION #J66	J66570830	00176722	17000569	UNIFORMS 1/29 SEWER	02/16/18	262308	47.80-
00009 CINTAS CORPORATION #J66	J66570830	00176722	17000570	UNIFORMS 1/29 LAGOON	02/16/18	262308	25.87-
00009 CINTAS CORPORATION #J66	J66571621	00176986	17000605	UNIFORMS 2/05 TRANS	02/16/18	262308	100.69-
00009 CINTAS CORPORATION #J66	J66571621	00176986	17000606	MOB/MAT 2/05 PLANT	02/16/18	262308	13.93-
00009 CINTAS CORPORATION #J66	J66571621	00176986	17000607	UNIFORMS 2/05 PLANT	02/16/18	262308	51.65-
00009 CINTAS CORPORATION #J66	J66571621	00176986	17000608	UNIFORMS 2/05 SEWER	02/16/18	262308	47.80-
00009 CINTAS CORPORATION #J66	J66572420	00177102	17000641	UNIFORMS 2/05 LAGOON	02/16/18	262308	25.87-
00009 CINTAS CORPORATION #J66	J66572420	00177102	17000642	MOB/MAT 2/12 PLANT	02/16/18	262308	81.69-
00009 CINTAS CORPORATION #J66	J66572420	00177102	17000643	UNIFORMS 2/12 TRANS	02/16/18	262308	13.93-
00009 CINTAS CORPORATION #J66	J66572420	00177102	17000644	UNIFORMS 2/12 SEWER	02/16/18	262308	51.65-
00009 CINTAS CORPORATION #J66	J66572420	00177102	17000645	UNIFORMS 2/12 LAGOON	02/16/18	262308	47.80-
00009 CINTAS CORPORATION #J66	J66572420	00177102	17000645	UNIFORMS 2/12 LAGOON	02/16/18	262308	25.87-
CINTAS CORPORATION #J66							1,302.58-
Sum							89,050.92-
00009 CITY OF HATTIESBURG FUND TRF 2ND 2/18	02018307	17000651	TRF 2ND 2/18	PAYROLL	02/14/18	22091	89,050.92-
CITY OF HATTIESBURG FUND							89,050.92-
Sum							89,050.92-
00009 COBURN'S SUPPLY CO INC	60834564(A)	00176681	17000627	PLUMB SUPP TRANS STOCK	02/16/18	262312	3,948.56-
00009 COBURN'S SUPPLY CO INC	60834564-1	00176681	17000628	PLUMB SUPP TRANS STOCK	02/16/18	262312	247.90-
00009 COBURN'S SUPPLY CO INC	60834564-2	00176681	17000629	PLUMB SUPP TRANS STOCK	02/16/18	262312	34.58-
00009 COBURN'S SUPPLY CO INC	60834564(B)	00176687	17000630	ADDL AMT DUE PO#176681	02/16/18	262312	220.80-
COBURN'S SUPPLY CO INC							4,451.84-
Sum							4,451.84-
00009 CONTROL SYSTEMS INC	54289	00176857	17000572	SERV CALL LINCOLN ROAD TANK	02/16/18	262319	1,025.65-
00009 CONTROL SYSTEMS INC	54413	00176857	17000573	SERV CALL RICHBURG/WESLEY TKS	02/16/18	262319	3,432.36-
00009 CONTROL SYSTEMS INC	54435	00176857	17000574	SERV CALL RICHBURG TANK	02/16/18	262319	413.74-
00009 CONTROL SYSTEMS INC	54579	00176857	17000575	SERV CALL WATER TANK RD	02/16/18	262319	1,181.50-
00009 CONTROL SYSTEMS INC	53873	00176857	17000576	SERV CALL HWY 98 BOOSTER	02/16/18	262319	365.00-
00009 CONTROL SYSTEMS INC	54316	00176857	17000577	SERV CALL WTR PLT#2/IND ET	02/16/18	262319	449.64-
00009 CONTROL SYSTEMS INC	54580	00176857	17000578	SERV CALL TATUM IND DRIVE	02/16/18	262319	531.36-
00009 CONTROL SYSTEMS INC	54519	00176852	17000579	SERV CALL USM/PIEDMONT/N LAGN	02/16/18	262319	1,674.30-
00009 CONTROL SYSTEMS INC	54246	00176852	17000580	SERV CALL TO LIFT STATIONS	02/16/18	262319	3,166.16-
00009 CONTROL SYSTEMS INC	54642	00176936	17000596	SERVICE CALL USM TANK	02/16/18	262319	1,824.44-
00009 CONTROL SYSTEMS INC	54986	00176931	17000600	SERVICE CALL BURKETT LIFT STA	02/16/18	262319	1,883.03-
CONTROL SYSTEMS INC							15,947.18-
Sum							15,947.18-
00009 COVINGTON SALES & SERVIC 76329	00176565	17000636	REPR PTS U#18897	SEWER	02/16/18	262323	376.66-
COVINGTON SALES & SERVIC							376.66-
Sum							376.66-
00009 D P C ENTERPRISES LP	212000170-18	00176390	17000587	CHEMICALS FORREST GEN TANK	02/16/18	262324	1,305.00-
00009 D P C ENTERPRISES LP	212000171-18	00176390	17000588	CHEMICALS WESLEY TANK	02/16/18	262324	870.00-
D P C ENTERPRISES LP							2,175.00-
Sum							2,175.00-
00009 ECONOMY SUPPLY CO	287926	00176336	17000541	BLDG MATLS MR GREEN'S OFFICE	02/16/18	262330	283.45-
ECONOMY SUPPLY CO							283.45-
Sum							283.45-

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ECONOMY SUPPLY CO Sum							283.45-
00009 EMPIRE TRUCK SALES (H'BU	RE006026818:	00176797	17000653	REPRS U#11546 SEWER	02/16/18	262333	1,413.39-
EMPIRE TRUCK SALES (H'BU Sum							1,413.39-
00009 FASTENAL COMPANY	MSHAT205707	00176561	17000571	RAINSUIT SETS TRANS/SEWER	02/16/18	262337	1,448.58-
FASTENAL COMPANY Sum							1,448.58-
00009 GILLILANDS ELECTRONICS S	65731	00176138	17000539	REPLACE DAMAGED PHONES PLT#2	02/16/18	262352	680.36-
00009 GILLILANDS ELECTRONICS S	65720	00176700	17000542	REROUTE CABLE MR GREEN'S OFFC	02/16/18	262352	87.45-
00009 GILLILANDS ELECTRONICS S	65893	00176934	17000595	REPR PHONE OUTLETS PLT #2	02/16/18	262352	75.00-
00009 GILLILANDS ELECTRONICS S	65888	00176742	17000614	SPEAKERPHONE MR GREEN'S OFFC	02/16/18	262352	261.00-
GILLILANDS ELECTRONICS S Sum							1,103.81-
00009 GRIMER DRILLING SERVICE	R50309	00171014	17000590	TEST 13 WATER WELLS	02/16/18	262358	4,550.00-
GRIMER DRILLING SERVICE Sum							4,550.00-
00009 HACH COMPANY	10817047	00176710	17000610	LAB TESTING SUPP WTR PLANTS	02/16/18	262363	1,317.80-
HACH COMPANY Sum							1,317.80-
00009 HATTIESBURG HYDRAULICS I	67159	00165631	17000597	REPR PTS U#12686 SEWER	02/16/18	262364	222.75-
00009 HATTIESBURG HYDRAULICS I	67161	00165631	17000598	REPRS U#15916 SEWER	02/16/18	262364	369.74-
00009 HATTIESBURG HYDRAULICS I	72126	00175330	17000599	REPRS U#15916 SEWER	02/16/18	262364	181.96-
HATTIESBURG HYDRAULICS I Sum							774.45-
00009 HUGHES SUPPLY	S152043667.0	00176615	17000638	HEAT/AIR FILTER GRILLES	02/16/18	262373	74.57-
00009 HUGHES SUPPLY	S152043667.0	00176615	17000639	HEAT/AIR RPLCMNT PTS PLANT	02/16/18	262373	492.36-
HUGHES SUPPLY Sum							566.93-
00009 INDUSTRIAL ELECTRIC MOTO	RI-10646	00176362	17000544	REPRS GREEN HUT LIFT STA	02/16/18	262375	1,114.50-
00009 INDUSTRIAL ELECTRIC MOTO	RI-10647	00176371	17000545	REPRS GREEN HUT LIFT STA	02/16/18	262375	1,114.50-
INDUSTRIAL ELECTRIC MOTO Sum							2,229.00-
00009 IRBY, STUART C CO	S010598634.0	00176870	17000637	ELBEC SUPP WTR BILLING LIGHTS	02/16/18	262380	55.00-
IRBY, STUART C CO Sum							55.00-
00009 ITRON INC	473977	00177160	17000652	WTR LEAK DETECT SYS MAINT	02/16/18	262381	4,221.99-

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ITRON INC Sum							4,221.99-
00009 JOHNNY'S WRECKER SERVICE	35455		00176802	17000592 TOWING U#18897 SEWER	02/16/18	262386	300.00-
JOHNNY'S WRECKER SERVICE Sum							300.00-
00009 L & A CONTRACTING CO	483-100		00176811	17000547 AERATOR MNT 1/15-28/18 IAGNS	02/16/18	262394	34,943.12-
00009 L & A CONTRACTING CO	483-101		00177129	17000646 AERATOR MNT 1/29-2/11/18 LGNS	02/16/18	262394	30,506.77-
L & A CONTRACTING CO Sum							65,449.89-
00009 MCEIHANEY PLUMBING INC	264722		00176809	17000611 PLUMB SUPP WTR PLANT	02/16/18	262407	15.80-
00009 MCEIHANEY PLUMBING INC	264977		00177065	17000635 PLUMB SUPP TRINITY EPISCOPAL	02/16/18	262407	29.90-
MCEIHANEY PLUMBING INC Sum							45.70-
00009 MS POWER COMPANY	2/18 W&SOGM	00020189	17000650	MONTHLY ELEC-W&SOGM	02/16/18	262418	46,972.86-
MS POWER COMPANY Sum							46,972.86-
00009 NEWELL PAPER COMPANY	4020425		00176821	17000633 JANIT SUPP WTR BILLING OFFICE	02/16/18	262432	340.74-
NEWELL PAPER COMPANY Sum							340.74-
00009 OFFICE DEPOT INC	2150908265		00176329	17000538 PRINTER SUPP PLT #2	02/16/18	262436	122.36-
00009 OFFICE DEPOT INC	2150908306		00176339	17000540 OFFICE CHAIR MR GREEN SEWER	02/16/18	262436	199.99-
00009 OFFICE DEPOT INC	2153401110		00176497	17000581 OFFICE CHAIR WTR BILLING	02/16/18	262436	59.99-
00009 OFFICE DEPOT INC	101508339001		00176559	17000584 OFFICE SUPP WTR PLANT	02/16/18	262436	12.39-
00009 OFFICE DEPOT INC	10150834001		00176559	17000585 OFFICE SUPP WTR PLANT	02/16/18	262436	82.81-
00009 OFFICE DEPOT INC	101508341001		00176559	17000586 OFFICE SUPP WTR PLANT	02/16/18	262436	5.99-
OFFICE DEPOT INC Sum							483.53-
00009 PATTERSON AUTO ELECTRIC	30076		00176459	17000535 INSTALL POWER INVERTORS	02/16/18	262441	238.50-
00009 PATTERSON AUTO ELECTRIC	30072		00176566	17000536 INSTALL POWER INVERTERS	02/16/18	262441	596.25-
PATTERSON AUTO ELECTRIC Sum							834.75-
00009 PEARL RIVER VALLEY EPA (	2/18 W&SOGM	00020189	17000647	MONTHLY 2/18 PUBLIC SERVICES	02/16/18	262443	10,758.77-
PEARL RIVER VALLEY EPA (							10,758.77-
Sum							268.00-
00009 PHILLIPS CAR CARE CENTER	01368		00176976	17000601 BRAKE REPR U#14128 PLANT	02/16/18	262445	268.00-
PHILLIPS CAR CARE CENTER Sum							268.00-
00009 POLLARD WATER.COM-EAST	0100851 FRT	00177009	17000617	FRT CHG PO#176871	02/16/18	262452	89.78-

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POLLARD WATER.COM-EAST Sum							89.78-
00009 RAWLS SPRINGS UTILITY DI				WATER BILLIN 00176753 17000534 WATER BILLING 1/18	02/16/18	262458	190.00-
RAWLS SPRINGS UTILITY DI Sum							190.00-
00009 REGIONS CARDHOLDER SERVI				7079 1/31/18 00176304 17000632 CHAIRS/MATS WTR BILLING DEPT	02/16/18	262461	395.85-
REGIONS CARDHOLDER SERVI Sum							395.85-
00009 RJ YOUNG COMPANY				INV2292972 00176872 17000593 COPIER 1/18-1/19 WTR BILLING	02/16/18	262464	808.00-
RJ YOUNG COMPANY Sum							808.00-
00009 RJM MCQUEEN CONTRACTING				1435 00176982 17000602 SEWER REPR N 38TH/4TH ST	02/16/18	262465	12,662.55-
00009 RJM MCQUEEN CONTRACTING				1436 00176982 17000603 SEWER REPR N HILLS/CHOCTAW	02/16/18	262465	1,912.50-
00009 RJM MCQUEEN CONTRACTING				1437 00176982 17000604 1/18 PUMPING	02/16/18	262465	20,041.20-
RJM MCQUEEN CONTRACTING Sum							34,616.25-
00009 RYAN MOTORS INC				265300 00176848 17000594 REPRS U#20108 PLANT	02/16/18	262466	137.07-
RYAN MOTORS INC Sum							137.07-
00009 SANFORD, JOHN I. JR INC				50508 00176758 17000613 TOPSOIL/CLAY GRAVEL SEWER	02/16/18	262468	3,080.00-
SANFORD, JOHN I. JR INC Sum							3,080.00-
00009 SOUTHERN PINE ELECTRIC P				2/18 W&SO&M 00020187 17000648 MONTHLY 2/18 PUBLIC SERVICES	02/16/18	262480	1,044.01-
SOUTHERN PINE ELECTRIC P Sum							1,044.01-
00009 SOUTHERN TIRE MART #9 (M				9026390 00174530 17000537 TIRES U#9223 TRANS	02/16/18	262482	326.56-
SOUTHERN TIRE MART #9 (M Sum							326.56-
00009 SOUTHERN TIRE MART LLC				11141236 00176586 17000583 TIRE U#18556 TRANS	02/16/18	262483	320.00-
SOUTHERN TIRE MART LLC Sum							320.00-
00009 SPIRE ENERGY				2/18 W&SO&M 00020189 17000649 MONTHLY GAS-W&SO&M	02/16/18	262486	518.69-
SPIRE ENERGY Sum							518.69-
00009 THE SPECTRUM GROUP INC				8197 00175155 17000616 VERIFY FLOWS USA YEAST/PETAL	02/16/18	262495	350.00-

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THE SPECTRUM GROUP INC Sum							
00009 THOMPSON BROTHERS DRILLI 8132		00175150	17000612	REPR MOTOR WELL #2 PLT #2	02/16/18	262497	4,732.00-
THOMPSON BROTHERS DRILLI Sum							
00009 TRUCKS PLUS AUTO ACCESSO 37434		00175089	17000582	TOOL BOX U#20049 WTR BILLING	02/16/18	262503	279.00-
TRUCKS PLUS AUTO ACCESSO Sum							
00009 U S POSTMASTER-POSTAGE (PERMIT #213		00177098	17000640	POSTAGE WTR BILLING OFFICE	02/16/18	262505	10,000.00-
U S POSTMASTER-POSTAGE (Sum							
00009 VACUUM TRUCK SALES & SER MS11564		00176584	17000546	REPR PTS U#18897 VAC TRUCK	02/16/18	262509	30.08-
VACUUM TRUCK SALES & SER Sum							
00009 WARREN PAVING INC 6589		00174881	17000548	HOT ASPHALT MIX TRANS DEPT	02/16/18	262519	461.22-
00009 WARREN PAVING INC 7274		00176352	17000619	HOT ASPHALT MIX TRANS	02/16/18	262519	495.95-
00009 WARREN PAVING INC 7306		00176352	17000620	HOT ASPHALT MIX TRANS	02/16/18	262519	594.74-
00009 WARREN PAVING INC 7344		00176352	17000621	HOT ASPHALT MIX TRANS	02/16/18	262519	365.67-
WARREN PAVING INC Sum							
00009 XYLEM WATER SOLUTIONS US 3556995538		00175783	17000634	REPAIR FILTERS WTR PLT #2	02/16/18	262528	3,840.00-
XYLEM WATER SOLUTIONS US Sum							
Sum							343,909.37-

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WATER & SEWER FUND							
00011 ARCHER, HARRY AND BETTY	METER DEP RF 02018316		17000343	METER DEP RFD	02/16/18	262266	40.00-
ARCHER, HARRY AND BETTY							
Sum							40.00-
00011 BODDY, JEREMY	WTR OVRPMT R 02018328		17000349	WTR OVRPMT RFD	02/16/18	262284	36.44-
BODDY, JEREMY							
Sum							36.44-
00011 CHRISTIAN TABERNACLE	METER DEP RF 02018316		17000345	METER DEP RFD	02/16/18	262300	24.40-
CHRISTIAN TABERNACLE							
Sum							24.40-
00011 ERICA GREEN	METER DEP RF 02018316		17000342	METER DEP RFD	02/16/18	262335	100.00-
ERICA GREEN							
Sum							100.00-
00011 H'BURG HEALTH & REHAB CE	METER DEP RF 02018316		17000344	METER DEP RFD	02/16/18	262362	24.40-
H'BURG HEALTH & REHAB CE							
Sum							24.40-
00011 HUDSON'S CAPITAL ASSETS	WTR OVRPMT R 02018308		17000346	WTR OVRPMT RFD	02/16/18	262372	13,956.50-
HUDSON'S CAPITAL ASSETS							
Sum							13,956.50-
00011 INSTA ICE	WTR OVRPMT R 02018329		17000347	WTR OVRPMT RFD	02/16/18	262378	1,328.64-
INSTA ICE							
Sum							1,328.64-
00011 MESTAYER, COLLEEN L	WTR OVRPMT R 02018317		17000339	WTR OVRPMT RFD	02/16/18	262409	101.20-
MESTAYER, COLLEEN L							
Sum							101.20-
00011 MT OLIVE BAPTIST CHURCH-	METER DEP RF 02018316		17000340	METER DEP RFD	02/16/18	262421	40.00-
MT OLIVE BAPTIST CHURCH-							
Sum							40.00-
00011 SIMPSON, AL R	WTR OVRPMT R 02018329		17000348	WTR OVRPMT RFD	02/16/18	262473	171.60-
SIMPSON, AL R							
Sum							171.60-
00011 WAGON WHEEL VIDEO	METER DEP RF 02018316		17000341	METER DEP RFD	02/16/18	262518	15.00-
WAGON WHEEL VIDEO							
Sum							15.00-

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Sum 15,838.18-

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CITY B & I					02/05/18	112502	725,350.00-
00013 PEOPLES BANK (C/O TRUSTM				12/21/17 '07 02018322 17000006 P&I '07 GO REF			725,350.00-
PEOPLES BANK (C/O TRUSTM							725,350.00-
Sum							725,350.00-

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POLICE FORFEITURES FUND							
00019 METRO CRIMESTOPPERS INC	XQB2446MS	00176713	17000026	SHARED FUNDING 2018	02/16/18	262410	10,000.00-
METRO CRIMESTOPPERS INC							
Sum							10,000.00-
Sum							10,000.00-

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2002 TIF B&I-SOUTHERN POINTE 00020 TRUSTMARK NATIONAL BANK/ TRUSTMARK NATIONAL BANK/ Sum	ISSUE 5652	* 02018323	17000002	ISSUE 5652 '14 SO POINTE P&I	02/06/18	112503	193,713.75-
							193,713.75-
Sum							193,713.75-

TAX COLLECTOR'S FUND
00027 LIBRARY, THE

LIBRARY, THE
Sum

Sum

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1/18 MILLAGE	02018309	17000043	1/18 MILLAGE DIST 2/18	02/05/18	311747	152,719.06-
						152,719.06-
						152,719.06-

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AIRPORT IMPROVEMENT FUND							
00039 SOUTHERN EARTH SCIENCES	NI17266-05	00176952	17000019	SRVS 2017 AIRPT TAXIWAY EXTN	02/16/18	262478	5,130.00-
SOUTHERN EARTH SCIENCES							
Sum							5,130.00-
Sum							5,130.00-

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MUNICIPAL ROAD & BRIDGE							
00072 BUSH CONSTRUCTION COMPAN	EST#3 4TH ST	00176799	17000049	12/16/17-1/15/18 4TH ST IMPRV	02/16/18	262292	41,240.59-
Sum							41,240.59-
BUSH CONSTRUCTION COMPAN							
00072 COLLINS & NUTL APPRAISAL	3241	00176955	17000058	SRV 38TH AVE SIDEWALK PROJECT	02/16/18	262313	1,500.00-
00072 COLLINS & NUTL APPRAISAL	3255	00177154	17000063	APPRAISAL BUSCHMAN ST PROP	02/16/18	262313	2,065.00-
Sum							3,565.00-
COLLINS & NUTL APPRAISAL							
00072 DUKES DUKES KEATING & FA	129165	00177125	17000061	SRVS ARLINGTON LOOP PROJECT	02/16/18	262328	7,589.60-
00072 DUKES DUKES KEATING & FA	131033	00177126	17000062	SERVS ARLINGTON LOOP PROJECT	02/16/18	262328	7,445.57-
Sum							15,035.17-
DUKES DUKES KEATING & FA							
00072 NEEL-SCHAFER INC	1049095	00176798	17000050	SRVS 11/17 4TH ST IMPRV PH II	02/16/18	262430	11,480.93-
00072 NEEL-SCHAFER INC	1049429	PH 3	00176866	17000052 SRV 12/17 CE ROY CNTR PATHWAY	02/16/18	262430	6,119.52-
00072 NEEL-SCHAFER INC	1049429	PH 4	00176868	17000053 SRV 12/17 L'BURNEY SDMLK TAP	02/16/18	262430	1,010.94-
00072 NEEL-SCHAFER INC	1049429	PH 4	00176948	17000054 SRV 12/17 ROUNDAOUT/HARDY	02/16/18	262430	1,083.15-
00072 NEEL-SCHAFER INC	1049429	PH 4	00176949	17000055 SRV 12/17 HARDY ST PRD IMPRVM	02/16/18	262430	1,414.27-
00072 NEEL-SCHAFER INC	1049429	PH 4	00176950	17000056 SRV 12/17 DABBS ST SIDEWALK	02/16/18	262430	117.86-
00072 NEEL-SCHAFER INC	1049429	PH 3	00176951	17000059 SRV 12/17 38TH AVE SIDEWALK	02/16/18	262430	19,697.61-
00072 NEEL-SCHAFER INC	1049430	00177140	17000065	SRV 12/17 LIT DEROT CHAIN PK	02/16/18	262430	4,601.78-
00072 NEEL-SCHAFER INC	1049428	00177141	17000066	SRV 12/17 4TH ST ROADWAY IMPRV	02/16/18	262430	10,747.98-
Sum							56,274.04-
NEEL-SCHAFER INC							
00072 SHOWS DEARMAN & WAITS IN	20072	00176957	17000057	SRV 12/24-1/27 SURVEY EDWARDS	02/16/18	262471	12,440.00-
00072 SHOWS DEARMAN & WAITS IN	19996	00177159	17000064	SRV 10/22-11/30 12TH AV BRIDG	02/16/18	262471	1,100.92-
Sum							13,540.92-
SHOWS DEARMAN & WAITS IN							
00072 WARREN PAVING INC	1065	00177027	17000060	PAYING ESSEX STREET	02/16/18	262519	16,525.42-
Sum							16,525.42-
WARREN PAVING INC							
Sum							146,181.14-

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MASS TRANSIT FUND							
00073 CITY OF HATTIESBURG FUND	TRF 2ND 2/18	02018307	17000173	TRF 2ND 2/18 PAYROLL	02/14/18	112509	29,468.04-
CITY OF HATTIESBURG FUND							
Sum							29,468.04-
00073 COPY CATS PRINTING	407429	00176393	17000163	BUS PASSES	02/16/18	262320	248.00-
COPY CATS PRINTING							
Sum							248.00-
00073 COURTESY MOTORS INC	229665	00176546	17000161	REPRS U#15648 BUS	02/16/18	262322	286.93-
COURTESY MOTORS INC							
Sum							286.93-
00073 EMPIRE TRUCK SALES (H'BU	RE006027229	00176705	17000168	REPRS U#16234 BUS	02/16/18	262333	1,136.49-
EMPIRE TRUCK SALES (H'BU							
Sum							1,136.49-
00073 JERRY'S AUTOMOTIVE REPAIR	19051	00176853	17000167	AIR FLOW REPR U#16760 BUS	02/16/18	262385	574.55-
JERRY'S AUTOMOTIVE REPAIR							
Sum							574.55-
00073 MAJOR DESIGN STUDIO, PLL	17000.4	00176709	17000162	HCT FACILITY BIDDING ADS	02/16/18	262404	6,077.40-
MAJOR DESIGN STUDIO, PLL							
Sum							6,077.40-
00073 MCWULIAN EQUIPMENT CO	381244 ADDL	00176445	17000172	ROTATE TIRES U#20461	02/16/18	262408	15.01-
MCWULIAN EQUIPMENT CO							
Sum							15.01-
00073 MS PUBLIC TRANSIT ASSN	2018 MBRSH	00177057	17000170	2018 MBRSH DUES NELMS	02/16/18	262419	300.00-
MS PUBLIC TRANSIT ASSN							
Sum							300.00-
00073 MS STATE/EMP SECURITY CO	9200131000 1	00176832	17000166	UNEMP BENEFITS 1/18 MASS TRAN	02/16/18	262420	2,894.71-
MS STATE/EMP SECURITY CO							
Sum							2,894.71-
00073 SOUTHERN TIRE MART LLC	11140854	00176539	17000169	TIRES/TIRE REPRS VARI UNITS	02/16/18	262483	2,001.61-
SOUTHERN TIRE MART LLC							
Sum							2,001.61-
00073 THERMO KING OF JACKSON I	4132344	00174959	17000171	A/C REPR U#16761 BUS	02/16/18	262496	429.25-
THERMO KING OF JACKSON I							
Sum							429.25-

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							43,431.99-

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WATER&SEWER CONSTRUCTION FUND							
00075 LAMAR PARK WATER & SEWER	01162018	00176953	17000067	SEWER FEES 7/17-12/17	02/16/18	262395	3,944.00-
Sum							
LAMAR PARK WATER & SEWER							3,944.00-
00075 PITTMAN LAW FIRM (LEGAL)	844	00177142	17000070	SRV COMSWIP SEWER PHASE V	02/16/18	262449	968.00-
Sum							
PITTMAN LAW FIRM (LEGAL)							968.00-
00075 SHOWS DEARMAN & WAITS IN	20062	00176956	17000065	SRV 12/24-1/27 N 40TH/N 39TH	02/16/18	262471	9,990.00-
00075 SHOWS DEARMAN & WAITS IN	20081	00176958	17000066	SRV 12/24-1/27 PLT#2 WAREHSE	02/16/18	262471	1,380.00-
00075 SHOWS DEARMAN & WAITS IN	20085	00176996	17000068	SRV 12/24-1/27 L/FORGETFUL RD	02/16/18	262471	7,865.00-
00075 SHOWS DEARMAN & WAITS IN	20087	00177157	17000069	SRV 12/24-1/27/18 S LGN BRDGE	02/16/18	262471	6,125.00-
Sum							
SHOWS DEARMAN & WAITS IN							25,360.00-
Sum							
							30,272.00-

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COMMUNITY CENTERS' FUND							
00077 CINTAS CORPORATION #J66	J69668018	00176944	17000183	UNIFORMS 1/03 COMM CENTERS	02/16/18	262308	48.30-
00077 CINTAS CORPORATION #J66	J66568783	00176944	17000184	UNIFORMS 1/10 COMM CENTERS	02/16/18	262308	48.30-
00077 CINTAS CORPORATION #J66	J66569573	00176944	17000185	BILLING ERROR 7/17-10/17	02/16/18	262308	59.40
00077 CINTAS CORPORATION #J66	J66570369	00176944	17000186	UNIFORMS 1/24 COMM CENTERS	02/16/18	262308	48.30-
00077 CINTAS CORPORATION #J66	J66571160	00176944	17000187	UNIFORMS 1/31 COMM CENTERS	02/16/18	262308	48.30-
00077 CINTAS CORPORATION #J66	J66569573	00176944	17000188	UNIFORMS 1/17 COMM CENTERS	02/16/18	262308	48.30-
CINTAS CORPORATION #J66							
Sum							182.10-
00077 CITY OF HATTIESBURG FUND TRF 2ND 2/18	02018307	17000201	TRF 2ND 2/18	PAYROLL	02/14/18	311755	21,408.77-
CITY OF HATTIESBURG FUND							
Sum							21,408.77-
00077 CLEMENTS, SAMANTHA (REFUND	CULTURAL CEN 02018334	17000195	DAMAGE DEPOSIT REFUND		02/16/18	262311	250.00-
CLEMENTS, SAMANTHA (REFUND							
Sum							250.00-
00077 GIPSON, SHERRY (REFUNDS)	SHERRILL CEN 02018334	17000194	DAMAGE DEPOSIT REFUND		02/16/18	262353	100.00-
GIPSON, SHERRY (REFUNDS)							
Sum							100.00-
00077 INSTITUTE FOR DISABILITY	SHERRILL CEN 02018334	17000193	DAMAGE DEPOSIT REFUND		02/16/18	262379	100.00-
INSTITUTE FOR DISABILITY							
Sum							100.00-
00077 JAMES, KELVIN (REFUNDS)	SHERRILL CEN 02018334	17000191	DAMAGE DEPOSIT REFUND		02/16/18	262384	100.00-
JAMES, KELVIN (REFUNDS)							
Sum							100.00-
00077 LEGGETT, CHRISTAL (REFUN	CE ROY CENTE 02018334	17000196	DAMAGE DEPOSIT REFUND		02/16/18	262398	100.00-
LEGGETT, CHRISTAL (REFUN							
Sum							200.00-
00077 LOPEZ, SERGIO (REFUNDS)	CE ROY CENTE 02018334	17000190	DAMAGE DEPOSIT REFUND		02/16/18	262401	100.00-
LOPEZ, SERGIO (REFUNDS)							
Sum							100.00-
00077 MS POWER COMPANY	2/18 COMM CN 00020189	17000200	MONTHLY ELEC-COMM CENTERS		02/16/18	262418	2,852.97-
MS POWER COMPANY							
Sum							2,852.97-
00077 NEWELL PAPER COMPANY	4019732	00176635	17000181	JANIT SUPP CULTURAL CENTER	02/16/18	262432	106.26-
NEWELL PAPER COMPANY							
Sum							106.26-

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00077 NIX, BRAD (REFUNDS)	CE ROY CENTE	02018334	17000198	DAMAGE DEPOSIT REFUND	02/16/18	262433	100.00-
NIX, BRAD (REFUNDS) Sum							100.00-
00077 NORTH FORREST HIGH SCHOO							
SHERILL CEN	02018334	17000192		DAMAGE DEPOSIT REFUND	02/16/18	262434	100.00-
NORTH FORREST HIGH SCHOO Sum							100.00-
00077 SOLAR SUPPLY INC	349233	00176616	17000182	AIR FILTERS MCNAIR CENTER	02/16/18	262474	139.08-
SOLAR SUPPLY INC Sum							139.08-
00077 SPIRE ENERGY	2/18 COMM CN	00020189	17000199	MONTHLY GAS-COMM CENTERS	02/16/18	262486	1,492.90-
SPIRE ENERGY Sum							1,492.90-
00077 WILSON, SAMONE (REFUNDS)	CULTURAL CEN	02018334	17000189	DAMAGE DEPOSIT REFUND	02/16/18	262526	100.00-
WILSON, SAMONE (REFUNDS) Sum							100.00-
Sum							27,432.08-

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COMMUNITY DEVELOP. BLOCK GRANT							
00082 BRADLEY HOME IMPROVEMENT	01/29/18	00176985	17000039	141 CHAMBLISS DR DRAW#1	02/08/18	311754	19,900.00-
BRADLEY HOME IMPROVEMENT							
Sum							19,900.00-
00082 CITY OF HATTIESBURG FUND TRF 2ND 2/18	02018307	17000042	TRF 2ND 2/18	PAYROLL	02/14/18	311756	5,931.29-
CITY OF HATTIESBURG FUND							
Sum							5,931.29-
00082 OFFICE PRODUCTS PLUS	818771-0	00176433	17000036	OFFICE SUPP COMM DEVELOPMENT	02/16/18	262438	111.52-
00082 OFFICE PRODUCTS PLUS	818771-1	00176433	17000037	OFFICE SUPP COMM DEVELOPMENT	02/16/18	262438	18.04-
00082 OFFICE PRODUCTS PLUS	818771-2	00176433	17000038	OFFICE SUPP COMM DEVELOPMENT	02/16/18	262438	17.99-
OFFICE PRODUCTS PLUS							
Sum							147.55-
00082 STAPLES	8048487538(B	00176679	17000040	OFFICE SUPP COMM DEVEL. DIV	02/16/18	262488	28.28-
00082 STAPLES	8048509872	00176679	17000041	OFFICE SUPP COMM DEVEL. DIV	02/16/18	262488	49.99-
STAPLES							
Sum							78.27-
Sum							
							26,057.11-

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PERIOD ENDING FEBRUARY 16, 2018

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Vendor	Invoice Number	Purchase Order	Claims Number	Item Description	Check Date	Check No.	Check Amount
INDUSTRIAL PARK DEVELOPMENT							
00087 PARKER'S LANDSCAPE SERV	19330	00177039	17000015	IND PK LANDSCAPE MAINT	02/16/18	262440	336.22-
PARKER'S LANDSCAPE SERV							
Sum							336.22-
00087 SHOWS DEARMAN & WAITS IN 20032		00176823	17000012	SERVS PROJECT RENAISSANCE	02/16/18	262471	437.50-
00087 SHOWS DEARMAN & WAITS IN 20086		00177040	17000014	IND PK SRVS PROJ BLUE SKY 2	02/16/18	262471	875.00-
SHOWS DEARMAN & WAITS IN							
Sum							1,312.50-
00087 TOPP MCWHORTER HARVEY, P 195961		00177038	17000013	IND PK AUDIT FYE 9/30/17 FINL	02/16/18	262500	7,980.00-
TOPP MCWHORTER HARVEY, P							
Sum							7,980.00-
Sum							
							9,628.72-

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Vendor

Invoice Number Purchase Order Claims Number Item Description

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Check Amount

Grand Total Level
Sum

3,556,824.38-