SECTION 905 -- PROPOSAL (CONTINUED)

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.	1	DATED	2/21/2025	ADDENDUM NO.		DATED	
ADDENDUM NO	2	DATED	2/27/2025	ADDENDUM NO.		DATED	
ADDENDUM NO		DATED		ADDENDUM NO.		DATED	

Number	Description
1	Postponed til March 04, 2025 Letting; Amendment EBSx Download Required.
2	Revised Table of Contents; Revised Advertisement; Added NTB No. 6195; Revised NTB No. 6220; Added NTB Nos. 6637, 6740, 6741, 6742 & 6743; Revised Bid Items; Revised or Added Plan Sheet Nos. 2, 6, 30-34, 56-59, 62-67, 69-75, 77-78, 80-84, 86-87, 90-91, 94-95, 8003-8004, 8006, 8014, 8017, 8019, 8028, 8065 & 8088; Amendment EBSx Download Required.

TOTAL ADDENDA: 2
(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE _____

_____
Contractor

BY _____
Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

E-MAIL _____

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of _____ and the names, titles and business addresses of the executives are as follows:

_____
President Address

_____
Secretary Address

_____
Treasurer Address

The following is my (our) itemized proposal.

STP-0026-01(072)/ 101649301000

Neshoba County(ies)

Revised 01/26/2016

For Informational Purposes Only

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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PROJECT: STP-0026-01(072)/101649301 - Neshoba

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Progress Schedule

(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET OF SECTION 905 AS ADDENDA)

02/27/2025 08:33 AM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 901 - ADVERTISEMENT

Electronic bids will be received by the Mississippi Transportation Commission at 10:00 o'clock A.M., Tuesday, March 04, 2025, from the Bid Express Service and shortly thereafter publicly read in the Construction Division for:

Grade Bridge, Pave 2-Lane on SR 19 from 0.25 miles South of SR 492 to Tucker Drive, known as Federal Aid Project No. STP-0026-01(072) / 101649301 in Neshoba County.

The attention of bidders is directed to the Contract Provisions governing selection and employment of labor. Minimum wage rates have been predetermined by the Secretary of Labor and are subject to Public Law 87-581, Work Hours Act of 1962, as set forth in the Contract Provisions.

The Mississippi Department of Transportation hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, age, disability, religion or national origin in consideration for an award.

The award of this contract will be contingent upon the Contractor satisfying the DBE requirements.

Contractors may request permission to bid online at http://shop.mdot.ms.gov at no cost. Upon approval, Contractors shall be eligible to submit a bid using Bid Express at http://bidx.com. Specimen proposals may be viewed and downloaded online at no cost at http://mdot.ms.gov or purchased online at http://shop.mdot.ms.gov at a cost of Ten Dollars ($10.00) per proposal plus a small convenience fee. Cash or checks will not be accepted as payment.

Plans must be purchased online at <https://shop.mdot.ms.gov>. Costs of plans will be on a per sheet basis plus a small convenience fee. If you have any questions, you can contact the MDOT Plans Print Shop at (601) 359-7460, or e-mail at plans@mdot.state.ms.us. Plans will be shipped upon receipt of payment. Cash or checks will not be accepted as payment.

Bid bond, signed or countersigned by a Mississippi Agent or Qualified Nonresident Agent, with Power of Attorney attached, a Cashier's check or Certified Check for five (5%) percent of bid, payable to STATE OF MISSISSIPPI, must accompany each proposal.

The attention of bidders is directed to the provisions of Subsection 102.07 pertaining to irregular proposals and rejection of bids.

BRAD WHITE
EXECUTIVE DIRECTOR

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 6195 **CODE: (SP)**

DATE: 02/27/2025

SUBJECT: Retroreflectivity Requirements

The Bidder's attention is called to Subsection 907-626.03.3 – Reflectivity Requirements in Special Provision No. 907-626-11.

The value shown in Table 1, Minimum Dry Retroreflectivity for Yellow, 275 mcd/m^2/lx is hereby revised to 225 mcd/m^2/lx.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 6220 **CODE (SP)**

DATE: **02/27/2025**

SUBJECT: **Placement of Fill Material in Federally Regulated Areas**

PROJECT: **STP-0026-01(072) / 101649301 – Neshoba County**

A Permit (404, General, Nationwide, etc.) for placing fill material in federally regulated sites is required on this project.

The Department has acquired the following permits for permanently filling at regulated sites that are identified during project development:

General Permit No. 46 (Wetlands & Waters of the U.S.) (MVK-2025-102)	**All Sites**

Copies of said permit(s) are available at the below referenced link for the appropriate letting date under the column titled “Permit Doc.”

http://mdot.ms.gov/Applications/BidSystem/Home.aspx

The permit may have plan sheets attached as reference but these sheets are not to be used for construction. Official plans sheets are those included in the Project Plans.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 6637 **CODE: (SP)**

DATE: 02/27/2025

SUBJECT: Correction to Asphalt Pay Items

Bidders are advised that the asphalt pay items (403) listed on the Summary of Quantities Sheet in the Plans are different from the pay items listed on the bid sheets in the proposal. The pay items listed on the bid sheets are correct and should be used for bidding purposes.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 6740 **CODE: (SP)**

DATE: 2/27/2025

SUBJECT: Disturbed Area

PROJECT: STP-0026-01(072) / 101649301 – Neshoba County

Bidders are advised of Notice to Bidders No. 757 and Special Provision No. 907-107-2 that limit the maximum total acreage that can be disturbed at one time to 19 acres. However, if the Contractor provides a schedule for earthwork activity by means of haul-mass diagram, narrative description of the phasing for the haul-mass diagram (including proposed acreages for each phase that includes anticipated locations for multiple crews) and any proposed commitments to help maintain embankment stability during each phase, the expansion of the 19-acre limit will be considered for a maximum disturbed acreage of no more than forty (40) acres. A written request with supporting documentation shall be submitted to the Project Engineer who will review the request before submitting it to Construction Division for approval. MDOT reserves the right to decrease the acreage requested by the Contractor based on the Contractor's erosion control performance and the complexity of the project.

Time associated with the submittal, review, and approval/denial of this change will run concurrent with the 90 days set aside in Special Provision No. 907-107-2 for the approval of the Contractor's Erosion Control Plan.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 6741 **CODE: (SP)**

DATE: 02/27/2025

SUBJECT: Plan Corrections and Clarifications

PROJECT: STP-0026-01(072) / 101649301 – Neshoba County

The Bidder is hereby advised that Pay Item No. 907-832-PP004, Bridge Concrete Mat, shall be Armorflex Class 40, 400 Series by Shoreblock or CC45 by Cable Concrete.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 6742 **CODE: (SP)**

DATE: 02/27/2025

SUBJECT: Temporary Grassing

PROJECT: STP-0026-01(072) / 101649301 – Neshoba County

The Bidder is hereby advised that Temporary Grassing can be paid for once after clearing and once after completion of the earthwork. Any additional requirements for Temporary Grassing will be absorbed by the Contractor.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 6743 **CODE: (SP)**

DATE: 02/27/2025

SUBJECT: Steel Pipe

PROJECT: STP-0026-01(072) / 101649301 – Neshoba County

Bidders are advised that prior to installing steel pipe, the Contractor shall submit to the Engineer for approval, steel pipe design calculations stamped by a registered Mississippi Professional Engineer with the following minimum criteria:

- PH
- Resistivity
- Corrosion
- Wall Thicknesses
- Dead and Live Loads
- Required Coatings

Grade Bridge, Pave 2-Lane on SR 19 from 0.25 miles South of SR 492 to Tucker Drive, known as Federal Aid Project No. STP-0026-01(072) / 101649301 in Neshoba County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
			Roadway Items		
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0020	201-B001		4	Acre	Clearing and Grubbing
0030	202-B004		519	Square Yard	Removal of Asphalt Driveways, All Depths
0040	202-B007		96,783	Square Yard	Removal of Asphalt Pavement, All Depths
0050	202-B011		36	Linear Feet	Removal of Barricade, All Types
0060	202-B018		6	Each	Removal of Box Culvert
0070	202-B052		600	Square Yard	Removal of Concrete Driveways, All Depths
0080	202-B059		206	Square Yard	Removal of Concrete Median & Island Pavement, All Depths
0090	202-B089		953	Linear Feet	Removal of Curb &/or Curb and Gutter, All Types
0100	202-B158		1,762	Linear Feet	Removal of Guard Rail, Including Rails, Posts and Terminal Ends
0110	202-B165		3	Each	Removal of Inlets, All Sizes
0120	202-B191		3,739	Linear Feet	Removal of Pipe, 8" And Above
0130	202-B215		133	Each	Removal of Sign Including Post & Footing
0140	202-B241		29	Mile	Removal of Traffic Stripe
0150	203-A001	(E)	970,181	Cubic Yard	Unclassified Excavation, FM, AH
0160	203-D002	(E)	1,000	Cubic Yard	Muck Excavation, LVM
0170	203-EX008	(E)	167,685	Cubic Yard	Borrow Excavation, AH, FME, Class B15
0180	203-EX010	(E)	433,404	Cubic Yard	Borrow Excavation, AH, FME, Class B17
0190	203-G001	(E)	370,481	Cubic Yard	Excess Excavation, FM, AH
0200	206-A001	(S)	3,680	Cubic Yard	Structure Excavation
0210	206-B001	(E)	583	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM
0220	209-A005		79,148	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0230	211-B001	(E)	60,000	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0240	213-C001		117	Ton	Superphosphate
0250	216-A001		19,122	Square Yard	Solid Sodding
0260	217-A001		45,000	Square Yard	Ditch Liner
0270	219-A001		364	Thousand Gallon	Watering [$20.00]
0280	220-A001		233	Acre	Insect Pest Control [$30.00]
0290	221-A001	(S)	4,365	Cubic Yard	Concrete Paved Ditch
0300	223-A001		1,398	Acre	Mowing [$50.00]
0310	225-A001		233	Acre	Grassing
0320	225-B001		117	Ton	Agricultural Limestone

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0330	225-C001		466	Ton	Mulch, Vegetative Mulch
0340	226-A001		466	Acre	Temporary Grassing
0350	229-A001		1,000	Square Yard	Erosion Mat
0360	237-A002		30,000	Linear Feet	Wattles, 20"
0370	239-A001		8,500	Linear Feet	Temporary Slope Drains
0380	245-A001		2,800	Linear Feet	Silt Dike
0390	246-A001		2,500	Linear Feet	Sandbags
0400	246-B001		5,029	Each	Rockbags
0410	247-A001		4	Each	Temporary Stream Diversion
0420	249-A001		10,000	Ton	Riprap for Erosion Control
0430	249-B001		2,500	Cubic Yard	Remove and Reset Riprap
0440	304-B009	(GT)	117,993	Ton	Granular Material, Class 9, Group C
0450	304-D002	(GT)	67,587	Ton	Granular Material, Crushed Stone
0460	307-B003	(M)	180,586	Square Yard	6" Soil-Lime-Water Mixing, Class B
0470	307-D001		3,169	Ton	Lime
0480	307-S001	(A3)	45,146	Gallon	Bituminous Curing Seal
0490	308-A001		5,741	Ton	Cement
0500	308-B002	(M)	180,586	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Base
0510	308-B003	(M)	257,210	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Design Soil
0520	308-S001	(A3)	109,449	Gallon	Bituminous Curing Seal
0530	406-D001		114,649	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0540	407-A001	(A2)	57,247	Gallon	Asphalt for Tack Coat
0550	423-A001		25	Mile	Rumble Strips, Ground In
0560	502-A001	(C)	1,747	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0570	503-C010		168	Linear Feet	Saw Cut, Full Depth
0580	601-A001	(S)	1,590	Cubic Yard	Class "B" Structural Concrete
0590	601-B001	(S)	41	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0600	602-A001	(S)	296,366	Pounds	Reinforcing Steel
0610	603-A046	(S)	304	Linear Feet	30" Steel Pipe, Jacked or Bored
0620	603-ALT003	(S)	1,820	Linear Feet	18" Type A Alternate Pipe
0630	603-ALT006	(S)	280	Linear Feet	24" Type A Alternate Pipe
0640	603-ALT015	(S)	160	Linear Feet	44" x 27" Type A Alternate Pipe
0650	603-ALT020	(S)	80	Linear Feet	65" x 40" Type A Alternate Pipe
0660	603-CA011	(S)	360	Linear Feet	18" Reinforced Concrete Pipe, Class III

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0670	603-CA026	(S)	5,620	Linear Feet	24" Reinforced Concrete Pipe, Class III
0680	603-CA040	(S)	1,256	Linear Feet	30" Reinforced Concrete Pipe, Class III
0690	603-CA043	(S)	16	Linear Feet	30" Reinforced Concrete Pipe, Class IV, Class B Bedding
0700	603-CA055	(S)	216	Linear Feet	36" Reinforced Concrete Pipe, Class III
0710	603-CA066	(S)	416	Linear Feet	42" Reinforced Concrete Pipe, Class III
0720	603-CA090	(S)	744	Linear Feet	54" Reinforced Concrete Pipe, Class IV, Class B Bedding
0730	603-CA099	(S)	8	Linear Feet	60" Reinforced Concrete Pipe, Class III
0740	603-CB003	(S)	1	Each	18" Reinforced Concrete End Section
0750	603-CB004	(S)	84	Each	24" Reinforced Concrete End Section
0760	603-CB005	(S)	31	Each	30" Reinforced Concrete End Section
0770	603-CB006	(S)	5	Each	36" Reinforced Concrete End Section
0780	603-CB007	(S)	2	Each	42" Reinforced Concrete End Section
0790	603-CB009	(S)	2	Each	54" Reinforced Concrete End Section
0800	603-CB010	(S)	1	Each	60" Reinforced Concrete End Section
0810	603-CE018	(S)	424	Linear Feet	44" x 27" Concrete Arch Pipe, Class A III
0820	603-CF005	(S)	6	Each	44" x 27" Concrete Arch Pipe End Section
0830	603-SB028	(S)	4	Each	24" Branch Connections, Stub into Box Culvert
0840	604-A001		488	Pounds	Castings
0850	604-B001		7,790	Pounds	Gratings
0860	605-AA001	(S)	529	Square Yard	Geotextile for Subsurface Drainage, Type III
0870	605-O002	(S)	803	Linear Feet	4" Perforated Sewer Pipe for Underdrains, SDR 23.5
0880	605-P002	(S)	149	Linear Feet	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5
0890	605-W001	(GY)	35	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains,Type A, FM
0900	605-X005	(GY)	31,166	Cubic Yard	Filter Material for Filter Beds, Type C
0910	606-B001		3,463	Linear Feet	Guard Rail, Class A, Type 1
0920	606-D022		18	Each	Guard Rail, Bridge End Section, Type I
0930	606-E005		26	Each	Guard Rail, Terminal End Section, Flared
0940	606-E007		2	Each	Guard Rail, Terminal End Section, Non-Flared
0950	609-B003	(S)	590	Linear Feet	Concrete Curb, Special Design
0960	609-D003	(S)	358	Linear Feet	Combination Concrete Curb and Gutter Type 2
0970	609-D004	(S)	4,142	Linear Feet	Combination Concrete Curb and Gutter Type 2 Modified
0980	612-B001		29	Cubic Yard	Flowable Fill, Non-Excavatable
0990	614-A001	(S)	317	Square Yard	Concrete Driveway, Without Reinforcement

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1000	615-A002	(S)	360	Linear Feet	Concrete Bridge End Barrier, 33.5"
1010	616-A001	(S)	450	Square Yard	Concrete Median and/or Island Pavement, 10-inch
1020	616-A004	(S)	1,147	Square Yard	Concrete Median and/or Island Pavement, 4-inch
1030	617-A001		274	Each	Right-of-Way Marker
1040	619-A1001		26	Mile	Temporary Traffic Stripe, Continuous White
1050	619-A2001		26	Mile	Temporary Traffic Stripe, Continuous Yellow
1060	619-A3001		13	Mile	Temporary Traffic Stripe, Skip White
1070	619-A5001		69,800	Linear Feet	Temporary Traffic Stripe, Detail
1080	619-A6002		2,600	Linear Feet	Temporary Traffic Stripe, Legend
1090	619-C6001		700	Each	Red-Clear Reflective High Performance Raised Marker
1100	619-C7001		548	Each	Two-Way Yellow Reflective High Performance Raised Marker
1110	619-D1001		264	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
1120	619-D2001		3,031	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
1130	619-E1001		2	Each	Flashing Arrow Panel, Type C
1140	619-F3001		28	Each	Delineators, Guard Rail, White
1150	619-G4001		24	Linear Feet	Barricades, Type III, Double Faced
1160	619-G4002		72	Linear Feet	Barricades, Type III, Double Faced, Permanent
1170	619-G4005		1,752	Linear Feet	Barricades, Type III, Single Faced
1180	619-G5001		541	Each	Free Standing Plastic Drums
1190	619-G7001		53	Each	Warning Lights, Type "B"
1200	619-K2004		14	Each	Installation and Removal of Guard Rail, Type I Bridge End Section
1210	619-K4001		14	Each	Installation and Removal of Guardrail, Terminal End Section
1220	620-A001		1	Lump Sum	Mobilization
1230	621-A001		1	Each	Field Laboratory
1240	630-A001		260	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
1250	630-A003		1,691	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
1260	630-C001		533	Linear Feet	Square Tube Posts, 4.0 lb/ft
1270	630-C005		2,383	Linear Feet	Square Tube Posts, 2.0 lb/ft
1280	630-E002		142	Pounds	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles
1290	630-E004		644	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
1300	630-F002		80	Each	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow
1310	630-F006		98	Each	Delineators, Guard Rail, White
1320	630-F007		98	Each	Delineators, Guard Rail, Yellow
1330	630-G005		28	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1340	699-A001		1	Lump Sum	Roadway Construction Stakes
1350	815-A007	(S)	4,320	Ton	Loose Riprap, Size 300
1360	815-E001	(S)	5,334	Square Yard	Geotextile under Riprap
1370	815-F002	(S)	1,440	Ton	Sediment Control Stone
1380	907-234-A001		75,000	Linear Feet	Temporary Silt Fence
1390	907-234-C001		9,411	Linear Feet	Super Silt Fence
1400	907-234-D001		20	Each	Inlet Siltation Guard
1410	907-234-E001		20	Each	Reset Inlet Siltation Guard
1420	907-403-A002	(BA1)	29,855	Ton	12.5-mm, MT, Asphalt Pavement
1430	907-403-A005	(BA1)	43,819	Ton	19-mm, MT, Asphalt Pavement
1440	907-403-A014	(BA1)	25,050	Ton	9.5-mm, MT, Asphalt Pavement
1450	907-403-B002	(BA1)	1,313	Ton	12.5-mm, MT, Asphalt Pavement, Leveling
1460	907-403-C002	(BA1)	411	Ton	19-mm, MT, Asphalt Pavement, Trench Widening
1470	907-413-E001		756	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
1480	907-618-A001		1	Lump Sum	Maintenance of Traffic
1490	907-619-E3001		3	Each	Changeable Message Sign
1500	907-626-A007		14	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip White
1510	907-626-C012		14	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White
1520	907-626-E003		2	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
1530	907-626-F003		14	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
1540	907-626-G006		26,409	Linear Feet	Thermoplastic Double Drop Detail Stripe, White
1550	907-626-G007		18,064	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
1560	907-626-H006		1,677	Square Feet	Thermoplastic Double Drop Legend, White
1570	907-626-H007		2,183	Linear Feet	Thermoplastic Double Drop Legend, White
1580	907-627-J001		7,306	Each	Two-Way Clear Reflective High Performance Raised Markers
1590	907-627-K001		2,397	Each	Red-Clear Reflective High Performance Raised Markers
1600	907-627-L001		238	Each	Two-Way Yellow Reflective High Performance Raised Markers
1610	907-630-PP002		101	Square Feet	Roadside Directional Signs, Sheet Aluminum, 0.125" Thickness, Ground Mounted
1620	907-634-C001		10	Cubic Yard	Pole Foundations, Class "B" Concrete
1630	907-906001		1,040	Hours	Trainees [$5.00]
			ALTERNATE GROUP AA NUMBER 1		
1640	304-F001	(GT)	20,673	Ton	3/4" and Down Crushed Stone Base
			ALTERNATE GROUP AA NUMBER 2		

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1650	304-F002	(GT)	20,673	Ton	Size 610 Crushed Stone Base
			ALTERNATE GROUP AA NUMBER 3		
1660	304-F003	(GT)	20,673	Ton	Size 825B Crushed Stone Base
			ALTERNATE GROUP BB NUMBER 1		
1670	605-W002	(GY)	327	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains,Type B, FM
			ALTERNATE GROUP BB NUMBER 2		
1680	605-W003	(GY)	327	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains,Type C, FM
			Bridge Items		
1690	501-K001		7,176	Square Yard	Transverse Grooving
1700	803-C003	(S)	6,390	Linear Feet	16" x 16" Prestressed Concrete Piling
1710	803-P001	(S)	4,590	Linear Feet	24" Steel Pipe Piling, Wall Thickness 0.500"
1720	803-P003	(S)	845	Linear Feet	30" Steel Pipe Piling, Wall Thickness 0.500"
1730	803-P008	(S)	5,375	Linear Feet	20" Steel Pipe Piling, Wall Thickness 0.500"
1740	804-C192	(S)	4,183	Linear Feet	100' Prestressed Concrete Beam, Type FIB-36
1750	804-C193	(S)	4,186	Linear Feet	120' Prestressed Concrete Beam, Type FIB-45
1760	804-C199	(S)	1,945	Linear Feet	70' Prestressed Concrete Beam, Type FIB-36
1770	804-C208	(S)	1,665	Linear Feet	60' Prestressed Concrete Beam, Type FIB-36
1780	805-A001	(S)	653,640	Pounds	Reinforcement
1790	805-C001	(S)	19,614	Pounds	Reinforcement, Corrosion Resistant
1800	813-A002	(S)	3,480	Linear Feet	Concrete Railing, 32"
1810	815-A007	(S)	20,001	Ton	Loose Riprap, Size 300
1820	815-A009	(S)	3,001	Ton	Loose Riprap, Size 500
1830	815-E001	(S)	19,800	Square Yard	Geotextile under Riprap
1840	907-803-B001	(S)	9	Each	Conventional Static Pile Load Test [$5,000.00]
1850	907-803-I002	(S)	5	Each	PDA Test Pile, Concrete Pile
1860	907-803-I004	(S)	5	Each	PDA Test Pile, Steel Pipe Pile
1870	907-803-J001	(S)	10	Each	Pile Restrike
1880	907-804-A001	(S)	2,176	Cubic Yard	Bridge Concrete, Class BDX
1890	907-804-A002	(S)	927	Cubic Yard	Bridge Concrete, Class AA
1900	907-823-A001		696	Linear Feet	Preformed Joint Seal, Type I
1902	907-823-A002		81	Linear Feet	Preformed Joint Seal, Type II
1910	907-832-PP004		8,762	Square Yard	Bridge Concrete Mat

ADDENDUM

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
ROADWAY		
TITLE SHEET		1
DETAILED INDEX & GENERAL NOTES (6)		
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DETAILED INDEX	DI-2	3
DETAILED INDEX	DI-3	4
DETAILED INDEX	DI-4	5
GENERAL NOTES	GN-1	6
GENERAL NOTES	GN-2	7
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TYPICAL SECTIONS - SR 19 - MEDIAN U-TURN	TS-2	9
TYPICAL SECTIONS - J-TURN AND TURN LANES	TS-3	10
TYPICAL SECTIONS - SR 492	TS-4	11
TYPICAL SECTIONS - J-TURN ISLAND	TS-5	12
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TYPICAL SECTIONS - MEDIAN U-TURN	TS-7	14
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TYPICAL SECTIONS - SR19 - 4 LANE NEW CONSTRUCTION	TS-9	16
TYPICAL SECTIONS - SR19 - 4 LANE NEW CONSTRUCTION	TS-10	17
TYPICAL SECTIONS - SR19 - WIDEN & OVERLAY	TS-11	18
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TYPICAL SECTIONS - J-TURN	TS-14	21
TYPICAL SECTIONS - J-TURN AND TURN LANES	TS-15	22
TYPICAL SECTIONS - MEDIAN U-TURN	TS-16	23
TYPICAL SECTIONS - BENCHING DETAILS	TS-17	24
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ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS ASSEMBLIES REQUIRED	EQ-12	46
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS ASSEMBLIES REQUIRED	EQ-13	47
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS ASSEMBLIES REQUIRED	EQ-14	48
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS ASSEMBLIES REQUIRED	EQ-15	49
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ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-TC	55
PLAN & PROFILE SHEETS (40)		
SR 19 SB - B.O.P. TO STA. 293+50	3LT	56
SR 19 NB - B.O.P. TO STA. 293+50	3RT	57
SR 19 SB - STA. 293+50 TO STA. 321+50	4LT	58
SR 19 NB - STA. 293+50 TO STA. 321+50	4RT	59
COUNTY ROAD 298 - STA. 40+00 TO STA. 44+00	4A	60

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
PLAN & PROFILE SHEETS (CONTINUED)		
SR 19 - TEMPORARY CONNECTION - STA. 1300+00 TO STA. 1313+00	4B	61
SR 19 SB - STA. 321+50 TO STA. 349+50	5LT	62
SR 19 NB - STA. 321+50 TO STA. 349+50	5RT	63
SR 19 SB - STA. 349+50 TO STA. 377+50	6LT	64
SR 19 NB - STA. 349+50 TO STA. 378+50	6RT	65
SR 19 SB - STA. 377+50 TO STA. 405+50	7LT	66
SR 19 NB - STA. 377+50 TO STA. 405+50	7RT	67
COUNTY ROAD 1505 & COUNTY ROAD 270 - STA. 26+00 TO STA. 37+25	7A	68
SR 19 SB - STA. 405+50 TO STA. 433+50	8LT	69
SR 19 NB - STA. 405+50 TO STA. 433+50	8RT	70
SR 19 SB - STA. 433+50 TO STA. 461+50	9LT	71
SR 19 NB - STA. 433+50 TO STA. 461+50	9RT	72
COUNTY ROAD 517 - STA. 37+00 TO STA. 43+00	9A	73
SR 19 SB - STA. 461+50 TO STA. 489+50	10LT	74
SR 19 NB - STA. 461+50 TO STA. 489+50	10RT	75
COUNTY ROAD 515 - STA. 30+75 TO STA. 32+75	10A	76
SR 19 SB - STA. 489+50 TO STA. 517+50	11LT	77
SR 19 NB - STA. 489+50 TO STA. 517+50	11RT	78
COUNTY ROAD 282 - STA. 27+25 TO STA. 32+50	11A	79
SR 19 SB - 517+50 TO STA. 545+50	12LT	80
SR 19 NB - STA. 517+50 TO STA. 545+50	12RT	81
COUNTY ROAD 448 - STA. 29+00 TO STA. 37+00	12A	82
SR 19 SB - 545+50 TO STA. 573+50	13LT	83
SR 19 NB - 545+50 TO STA. 573+50	13RT	84
COUNTY ROAD 450 - STA. 33+00 TO STA. 37+00	13A	85
SR 19 SB - STA. 573+50 TO STA. 601+50	14LT	86
SR 19 NB - STA. 573+50 TO STA. 601+50	14RT	87
COUNTY ROAD 525 - STA. 30+00 TO STA. 32+50	14A	88
SR 19 - TEMPORARY CONNECTION - STA. 1575+00 TO STA. 1589+00	14B	89
SR 19 SB - STA. 601+50 TO STA. 629+50	15LT	90
SR 19 NB - STA. 601+50 TO STA. 629+50	15RT	91
COUNTY ROAD 24 - STA. 30+00 TO STA. 32+75	15A	92
SR 19 - TEMPORARY CONNECTION - STA. 1620+87 TO STA. 1629+00	15B	93
SR 19 SB - STA. 629+50 TO E.O.P.	16LT	94
SR 19 NB - STA. 629+50 TO E.O.P.	16RT	95
EROSION CONTROL SHEETS (45)		
EROSION CONTROL - SR 19 SB - B.O.P. TO STA. 293+50	ECP-3LT	96
EROSION CONTROL - SR 19 NB - B.O.P. TO STA. 293+50	ECP-3RT	97
EROSION CONTROL - SR 19 SB - STA. 293+50 TO STA. 321+50	ECP-4LT	98
EROSION CONTROL - SR 19 NB - STA. 293+50 TO STA. 321+50	ECP-4RT	99
EROSION CONTROL - COUNTY ROAD 298 - STA. 40+00 TO STA. 44+00	ECP-4A	100
EROSION CONTROL - SR 19 TEMPORARY CONNECTION - STA. 1300+00 TO STA. 1313+00	ECP-4B	101
EROSION CONTROL - SR 19 SB - STA. 321+50 TO STA. 349+50	ECP-5LT	102
EROSION CONTROL - SR 19 NB - STA. 321+50 TO STA. 349+50	ECP-5RT	103
EROSION CONTROL - SR 19 SB - STA. 349+50 TO STA. 377+50	ECP-6LT	104
EROSION CONTROL - SR 19 NB - STA. 349+50 TO STA. 378+50	ECP-6RT	105
EROSION CONTROL - SR 19 SB - STA. 377+50 TO STA. 405+50	ECP-7LT	106
EROSION CONTROL - SR 19 NB - STA. 377+50 TO STA. 405+50	ECP-7RT	107
EROSION CONTROL - COUNTY ROAD 1505 & COUNTY ROAD 270 - STA. 26+00 TO STA. 37+25	ECP-7A	108
EROSION CONTROL - SR 19 SB - STA. 405+50 TO STA. 433+50	ECP-8LT	109
EROSION CONTROL - SR 19 NB - STA. 405+50 TO STA. 433+50	ECP-8RT	110
EROSION CONTROL - SR 19 SB - STA. 433+50 TO STA. 461+50	ECP-9LT	111
EROSION CONTROL - SR 19 NB - STA. 433+50 TO STA. 461+50	ECP-9RT	112
EROSION CONTROL - COUNTY ROAD 517 - STA. 37+00 TO STA. 43+00	ECP-9A	113
RIPARIAN BUFFER - SR 19 - BRIDGE 49.2	EC-RB-9B	114

PS & E PLANS-DATE 08/09/2024		
FMS CON. # 101649/301000		
REVISIONS		
DATE	SHEET NO.	BY
9/17/24	4, 30, 261, 268	MJ
2/14/25	56-59,62-67,69-75 77-78,80-84,86-87 90-91,94-95	MJ
2/24/25	6, 30	MJ

PAVEMENT MARKING AND PERMANENT SIGNING

STEPHANIE SAGO VIVIANS
LICENSED PROFESSIONAL ENGINEER
23340
8-9-24
STATE OF MISSISSIPPI

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
12/24/2025
14058
STATE OF MISSISSIPPI

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/01/2024

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

DETAILED INDEX

SHEET ID
DI-1

SHEET NO.
2

PLAN SHEET
2/24/2025 12:46:45 AM DI.dgn

ADDENDUM

GENERAL NOTES

BRIDGES AND WALLS

(1) THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.

(2) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES WITHOUT WRITTEN APPROVAL FROM THE PROJECT ENGINEER. SEE NOTICE TO BIDDERS ENTITLED "MATERIAL STORAGE UNDER BRIDGES" FOR MORE INFORMATION.

DRAINAGE STRUCTURES

(3) ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC , THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

(4) THE COST OF ANY COLLARS REQUIRED TO CONNECT CONCRETE FLARED END SECTIONS SHALL BE ABSORBED IN THE COST FOR NON-CONCRETE PIPE.

(5) FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS. (SEE WK. NO. ICJ-1 FOR DETAILS)

(6) THE COST OF ANY COLLARS REQUIRED TO CONNECT CONCRETE FLARED END SECTIONS TO NON-CONCRETE PIPE SECTIONS SHALL BE ABSORBED IN THE COST FOR NON-CONCRETE PIPE.

(7) CURB AND GUTTER VERTICAL DIMENSIONS SHOWN IN THE DETAIL DRAWINGS ARE FOR A CURB IN THE "CATCH" CONFIGURATION AND SHALL BE CONSIDERED TO BE MINIMUM DIMENSIONS. THE DIMENSIONS MAY BE MODIFIED AS NECESSARY FOR "SPILL" CURB AND GUTTER, BUT SHALL NOT BE LESS THAN THE MINIMUM SHOWN.

(8) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.

(9) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.

EARTHWORK

(10) A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT THE LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.

(11) ___25___% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

(12) THE TOP THREE FEET AND VARIABLE OF THE DESIGN SOILS (BOTH NATURAL AND EMBANKMENT) SHALL BE CONSTRUCTED OF SOIL CLASSIFIED AS ___B17_____ OR BETTER, PER MDOT SPECIFICATIONS 703.21, EXCEPT AT UNDERCUT LOCATIONS DESIGNATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER TO RECEIVE CLASS B-15 BORROW EXCAVATION. EXTREME CARE SHALL BE EXERCISED IN UNDERCUT AREAS, AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS AS DIRECTED BY THE ENGINEER. FOR ADDITIONAL DETAILS THE CONTRACTOR IS REFERRED TO THE NOTICE TO BIDDERS ON DESIGN SOIL MATERIAL IN THE CONTRACT PROPOSAL DOCUMENT.

(13) VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF ***THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION*** , THE COST OF WHICH WILL BE ABSORBED IN OTHER ITEMS BID.

(14) WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING 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 STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

(15) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

(16) THIN LAYERS OF ROCK ENCOUNTERED DURING EXCAVATION WHICH CAN BE REMOVED WITH TRADITIONAL EXCAVATION EQUIPMENT WILL BE PAID FOR AS UNCLASSIFIED EXCAVATION.

(17) PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 4" TOPSOIL IS TO BE STRIPPED AND STOCKPILED. AFTER THE GRADING OPERATIONS ARE COMPLETED, SAID TOPSOIL SHALL BE PLACED ON ALL AREAS THAT ARE NOT TO BE PAVED OR OTHERWISE PROTECTED, IN ACCORDANCE WITH SECTION 211 OF THE SPECIFICATIONS, OR THE VEGETATION SCHEDULE (SEE WK. SH. VS-1). EXISTING TOPSOIL AND ALL COSTS ASSOCIATED WITH STRIPPING, HAULING, STOCKPILING, AND PLACEMENT OF THE EXISTING TOPSOIL IS TO BE ABSORBED IN OTHER EARTHWORK ITEMS.

GENERAL NOTES (CONTINUED)

ENVIRONMENTAL & CLEARING

(18) REMOVED.

(19) NO TEMPORARY CULVERT STREAM CROSSINGS WILL BE ALLOWED.

(20) FOR CLEARING LIMITS ADJACENT TO THE STREAMS AT STATION(S) 442+00,555+00,592+00, 599+00, 609+00, 615+00, and 620+00. SEE WORKING SHEET NUMBERS ECP-RB-9B, ECP-RB-13B, ECP-RB-14B, ECP-RB-15B, ECP-RB-15C. THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.

EROSION CONTROL - TEMPORARY

(21) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)

(22) THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE U. S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION. ANY ADDITIONAL SILT BASINS NOT SHOWN IN THE PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S EROSION CONTROL PLAN PRIOR TO SUBMITTING FOR APPROVAL.

(23) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.

PAVEMENT, BASE, AND SHOULDERS

(24) THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE PAVED OR UNPAVED SHOULDER THAT MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF ***THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION*** . NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.

(25) TEMPORARY PAVEMENT JOINTS (PAPER JOINTS) SHALL BE EMPLOYED AT ALL LOCATIONS REQUIRING TRAFFIC TO TRAVERSE AN UNEVEN PAVEMENT JOINT. PAPER JOINTS SHALL BE A MINIMUM OF OF 9 FEET IN LENGTH AND SHALL BE ADEQUATELY MAINTAINED.

(26) WHERE MILLING IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

PLANS

(27) IF COLORS ARE USED ON PLAN/PROFILE SHEETS, THEY ARE INTENDED TO VISUALLY EASE THE LOCATION OF ELEMENTS FOR USERS OF THESE DRAWINGS. ALTHOUGH THE INTENT IS TO CATEGORIZE EVERYTHING AS EITHER EXISTING OR PROPOSED, IT IS THE END USER'S RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETED CORRECTLY, REGARDLESS OF COLOR.

(28) ALL ADDENDA TO THESE PLANS WILL BE POSTED TO WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NOT BE MAILED. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.

(29) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.

ROADSIDE BARRIERS

(30) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.

NOTICE:
THE NOTES CONTAINED HEREON ARE SPECIFIC TO THE SUBJECT PROJECT AND SHOULD BE REVIEWED IN DETAIL BY THE CONTRACTOR. PER SECTION 102.05 OF THE STANDARD SPECIFICATIONS, " THE BIDDER IS REQUIRED TO EXAMINE CAREFULLY THE SITE OF THE PROPOSED WORK, THE PROPOSAL, PLANS, STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, NOTICES TO BIDDERS, AND CONTRACT FORMS BEFORE SUBMITTING A PROPOSAL."

REVISIONS	
DATE	BY
1 2/24/25	MJ

1 REMOVED GENERAL NOTE

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
ENGINEER
Gregory S. Williams
2/24/2025
14058

1

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GRESHAM SMITH
DETAILED BY: JD
CHECKED BY: MJ
DATE: 07/17/2024

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

GENERAL NOTES

SHEET ID
GN-1

SHEET NO.
6

PLAN SHEET

2/24/2025 12:57:25 AM GN.dgn

SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	NESHOBA : 101649-301000 Prelim	Final	
	REMOVAL ITEMS				
201-A001	Clearing and Grubbing	LS	1		(2)
201-B001	Clearing and Grubbing	ACRE	4		(3)
202-B004	Removal of Asphalt Driveways, All Depths	SY	519		
202-B007	Removal of Asphalt Pavement, All Depths	SY	96,783		
202-B011	Removal of Barricade, All Types	LF	36		(15)
202-B018	Removal of Box Culvert	EA	6		(7) (13)
202-B052	Removal of Concrete Driveways, All Depths	SY	600		(5)
202-B059	Removal of Concrete Median & Island Pavement, All Depths	SY	206		
202-B089	Removal of Curb &/or Curb and Gutter, All Types	LF	953		
202-B158	Removal of Guard Rail, Including Rails, Posts and Terminal Ends	LF	1,762		(4)
202-B165	Removal of Inlets, All Sizes	EA	3		
202-B191	Removal of Pipe, 8" And Above	LF	3,739		(7)
202-B215	Removal of Sign Including Post & Footing	EA	133		
202-B241	Removal of Traffic Stripe	MI	29		(16)
	EARTHWORK ITEMS				
203-A001	Unclassified Excavation, FM, AH	CY	970,181		(11) △1
203-D002	Muck Excavation, LVM	CY	1,000		(6)
203-EX008	Borrow Excavation, AH, FME, Class B15	CY	167,685		(9)
203-EX010	Borrow Excavation, AH, FME, Class B17	CY	433,404		△1
203-G001	Excess Excavation, FM, AH	CY	370,481		
206-A001	Structure Excavation	CY	3,680		(12)
206-B001	Select Material for Undercuts, Contractor Furnished, FM	CY	583		
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	37,400		(17)
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	41,748		(1)
	ROADSIDE DEVELOPMENT ITEMS				
211-B001	Topsoil for Slope Treatment, Contractor Furnished	CY	60,000		
213-C001	Superphosphate	TON	117		
216-A001	Solid Sodding	SY	19,122		
217-A001	Ditch Liner	SY	45,000		(18) △1
219-A001	Watering	KGAL	364		
220-A001	Insect Pest Control	ACRE	233		
221-A001	Concrete Paved Ditch	CY	4,365		(10)
223-A001	Mowing	ACRE	1,398		(8)
225-A001	Grassing	ACRE	233		
225-B001	Agricultural Limestone	TON	117		
225-C001	Mulch, Vegetative Mulch	TON	466		
226-A001	Temporary Grassing	ACRE	466		
229-A001	Erosion Mat	SY	1,000		(14)
907-234-A001	Temporary Silt Fence	LF	75,000		
907-234-C001	Super Silt Fence	LF	9,411		
907-234-D001	Inlet Siltation Guard	EA	20		
907-234-E001	Reset Inlet Siltation Guard	EA	20		

ADDENDUM

(1) FOR CRUSHED STONE BASE.

(2) FOR USE WITHIN RIGHT-OF-WAY.

(3) FOR TEMPORARY EASEMENTS.

(4) INCLUDES TERMINAL SECTIONS, BRIDGE END SECTIONS, POSTS, AND OTHER APPURTENANCES.

(5) SAW CUT OF CONCRETE DRIVEWAYS REQUIRED FOR REMOVAL IS COST ABSORBED.

(6) TO BE USED AS DIRECTED BY PROJECT ENGINEER

(7) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS SHALL BE ABSORBED IN OTHER ITEMS BID.

(8) INCLUDES MOWING ENTIRE GRASSED AREA SIX TIMES.

(9) FOR REPLACEMENT OF UNDERCUTS IN HIGH VOLUME CHANGE SOIL LOCATIONS

(10) INCLUDES THE QUANTITY FOR PAVED FLUMES AND EDGE DRAIN OUTLETS.

△2 (11) NOTE REMOVED UNDER ADDENDUM.

(12) 1871 CY FOR DRAINAGE STRUCTURES. 1809 CY FOR BOX CULVERTS.

(13) STA. 331+50 (45.9' OF 12'x5' BOX), STA. 361+50 (38.1' OF 6'X6' BOX), STA. 414+20 (49.9' OF 5'X4' BOX), STA. 442+20 (40' OF 12'X8'), STA. 450+20 (47.9' OF 6'X4' BOX), STA. 555+10 (40.7' OF 8'X16' DBL BOX)

(14) TO BE USED AS DIRECTED BY THE PROJECT ENGINEER.

(15) FOR PERMANENT BARRICADE AT SOUTH STUB OUT.

(16) BLACKOUT PAINT.

(17) FOR SAND BLANKET. APPROXIMATELY 22,000 SY TO BE SEWN AS SHOWN ON SHEET SBD-1.

(18) 29312 SY TO BE USED AS DIRECTED BY THE PROJECT ENGINEER.

REVISIONS		
DATE	BY	
△1 9/17/24	MJ	REVISED QUANTITIES AND ADDED A FOOTNOTE.
△2 2/24/25	MJ	REMOVED FOOTNOTE.

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
12/24/2025
14058

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GRESHAM SMITH
DETAILED BY: JD
CHECKED BY: MJ
DATE: 07/17/2024

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

SUMMARY OF QUANTITIES

SHEET ID
SQS-1

SHEET NO.
30

PLAN SHEET
2/24/2025 12:47:07 AM SQS_SH-SR19.dgn

SUMMARY OF QUANTITIES (SHEET 2)

PAY ITEM NO.	PAY ITEM	UNIT	NESHOBA : 101649-301000		
			Prelim	Final	
237-A002	Wattles, 20"	LF	30,000		
239-A001	Temporary Slope Drains	LF	8,500		(5)
245-A001	Silt Dike	LF	2,800		
246-A001	Sandbags	LF	2,500		
246-B001	Rockbags	EA	5,029		
247-A001	Temporary Stream Diversion	EA	4		
249-A001	Riprap for Erosion Control	TON	10,000		
249-B001	Remove and Reset Riprap	CY	2,500		
	BASE ITEMS				
304-B009	Granular Material, Class 9, Group C	TON	117,993		(4)
304-D002	Granular Material, Crushed Stone	TON	67,587		(4) (8)
304-F001	3/4" and Down Crushed Stone Base	TON	20,673		(1) (4)
	OR				
304-F002	Size 610 Crushed Stone Base	TON	20,673		(1) (4)
	OR				
304-F003	Size 825B Crushed Stone Base	TON	20,673		(1) (4)
	SUBGRADE TREATMENT				
307-B003	6" Soil-Lime-Water Mixing, Class B	SY	180,586		(7)
307-D001	Lime	TON	3,169		(7)
307-S001	Bituminous Curing Seal	GAL	45,146		(7)
308-A001	Cement	TON	2,112		(7)
308-B002	Soil-Cement-Water Mixing, Optional Mixers, Base	SY	180,586		(7)
308-S001	Bituminous Curing Seal	GAL	45,146		(7)
	GRANULAR TREATMENT				
308-A001	Cement	TON	3,629		(6)
308-B003	Soil-Cement-Water Mixing, Optional Mixers, Design Soil	SY	257,210		(6)
308-S001	Bituminous Curing Seal	GAL	64,303		(6)
	BITUMINOUS PAVEMENT ITEMS				
403-A002	12.5-mm, MT, Asphalt Pavement	TON	29,855		(3)
403-A005	19-mm, MT, Asphalt Pavement	TON	43,819		
403-A014	9.5-mm, MT, Asphalt Pavement	TON	25,050		(2)
403-B002	12.5-mm, MT, Asphalt Pavement, Leveling	TON	1,313		
403-C002	19-mm, MT, Asphalt Pavement, Trench Widening	TON	411		
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	114,649		
407-A001	Asphalt for Tack Coat	GAL	57,247		
907-413-E001	Sawing and Sealing Transverse Joints in Asphalt Pavement	LF	756		
423-A001	Rumble Strips, Ground In	MI	25		
503-C010	Saw Cut, Full Depth	LF	168		
	CONCRETE PAVEMENT ITEMS				
502-A001	Reinforced Cement Concrete Bridge End Pavement	SY	1,747		

ADDENDUM

(1) INCLUDES 2693 TONS FOR DRIVEWAYS.

(2) INCLUDES 1480 TONS FOR DRIVEWAYS.

(3) INCLUDES 888 TONS FOR DRIVEWAYS.

(4) INCLUDES A 20% INCREASE FROM CALCULATED QUANTITY.

(5) TO BE USED AS DIRECTED BY PROJECT ENGINEER

(6) FOR TREATMENT OF GRANULAR MATERIAL

(7) FOR TREATMENT OF SUBGRADE

(8) CRUSHED STONE QUANTITY FOR SHOULDER USE.

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL
ENGINEER
2/24/2025
14058
STATE OF MISSISSIPPI

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GRESHAM SMITH
DETAILED BY: JD
CHECKED BY: MJ
DATE: 07/17/2024

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

SUMMARY OF QUANTITIES

SHEET ID
SQS-2

SHEET NO.
31

PLAN SHEET
2/24/2025 12:47:10 AM SQS_SH-SR19.dgn

SUMMARY OF QUANTITIES (SHEET 3)

PAY ITEM NO.	PAY ITEM	UNIT	NESHOBA : 101649-301000		
			Prelim	Final	
	DRAINAGE ITEMS				
601-A001	Class "B" Structural Concrete	CY	1,590		
601-B001	Class "B" Structural Concrete, Minor Structures	CY	41		
602-A001	Reinforcing Steel	LBS	296,366		(5)
603-A046	30" Steel Pipe, Jacked or Bored	LF	304		
603-ALT003	18" Type A Alternate Pipe	LF	1,820		(4)
603-ALT006	24" Type A Alternate Pipe	LF	280		(4)
603-ALT015	44" x 27" Type A Alternate Pipe	LF	160		(4)
603-ALT020	65" x 40" Type A Alternate Pipe	LF	80		(4)
603-CA011	18" Reinforced Concrete Pipe, Class III	LF	360		
603-CA026	24" Reinforced Concrete Pipe, Class III	LF	5,620		
603-CA040	30" Reinforced Concrete Pipe, Class III	LF	1,256		
603-CA043	30" Reinforced Concrete Pipe, Class IV, Class B Bedding	LF	16		
603-CA055	36" Reinforced Concrete Pipe, Class III	LF	216		
603-CA066	42" Reinforced Concrete Pipe, Class III	LF	416		
603-CA090	54" Reinforced Concrete Pipe, Class IV, Class B Bedding	LF	744		
603-CA099	60" Reinforced Concrete Pipe, Class III	LF	8		
603-CB003	18" Reinforced Concrete End Section	EA	1		
603-CB004	24" Reinforced Concrete End Section	EA	84		
603-CB005	30" Reinforced Concrete End Section	EA	31		
603-CB006	36" Reinforced Concrete End Section	EA	5		
603-CB007	42" Reinforced Concrete End Section	EA	2		
603-CB009	54" Reinforced Concrete End Section	EA	2		
603-CB010	60" Reinforced Concrete End Section	EA	1		
603-CE018	44" x 27" Concrete Arch Pipe, Class A III	LF	424		
603-CF005	44" x 27" Concrete Arch Pipe End Section	EA	6		
603-SB028	24" Branch Connections, Stub into Box Culvert	EA	4		
604-A001	Castings	LBS	488		
604-B001	Gratings	LBS	7,790		
605-AA001	Geotextile for Subsurface Drainage, Type III	SY	529		
605-O002	4" Perforated Sewer Pipe for Underdrains, SDR 23.5	LF	803		(2)
605-P002	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5	LF	149		(2)
605-W001	Filter Material for Combination Storm Drain and/or Underdrains,Type A, FM	CY	35		(2)
605-W002	Filter Material for Combination Storm Drain and/or Underdrains,Type B, FM	CY	327		(2)
	OR				
605-W003	Filter Material for Combination Storm Drain and/or Underdrains,Type C, FM	CY	327		(2)
605-X005	Filter Material for Filter Beds, Type C	CY	31,166		(1)
	GUARDRAIL ITEMS				
606-B001	Guard Rail, Class A, Type 1	LF	3,463		(3)
606-D022	Guard Rail, Bridge End Section, Type I	EA	18		
606-E005	Guard Rail, Terminal End Section, Flared	EA	26		
606-E007	Guard Rail, Terminal End Section, Non-Flared	EA	2		
615-A002	Concrete Bridge End Barrier, 33.5"	LF	360		
	INCIDENTAL ITEMS				

ADDENDUM

(1) FOR SAND BLANKET.

(2) TO BE USED UNDER BRIDGE END PAVEMENT

(3) LENGTH OF GUARDRAIL REQUIRED IS BASED ON A TERMINAL SECTION OF 37.5 FEET BEING USED. FOR ANY OTHER LENGTH TERMINAL SECTION, THE LENGTH OF NORMAL GUARDRAIL WILL BE ADJUSTED.

(4) ALTERNATE A: ZINC COATED METAL PIPE, 16 GAUGE (2 2/3" X 1/2" CORRUGATION) OR ALUMINUM COATED CORRUGATED METAL PIPE 16 GAUGE (2 2/3" X 1/2" CORRUGATION) OR REINFORCED CONCRETE PIPE, CLASS "III" OR CORRUGATED POLYETHYLENE PIPE.

(5) 2010 LBS. FOR DRAINAGE STRUCTURES. 293904 LBS. FOR BOX CULVERTS. 452 LBS FOR SIGN POSTS.

STATE OF MISSISSIPPI
GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
2/24/2025
14058

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GRESHAM SMITH
DETAILED BY: JD
CHECKED BY: MJ
DATE: 07/17/2024

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

SUMMARY OF QUANTITIES

SHEET ID **SQS-3**

SHEET NO. **32**

SUMMARY OF QUANTITIES (SHEET 4)

PAY ITEM NO.	PAY ITEM	UNIT	NESHOBA : 101649-301000		
			Prelim	Final	
609-B003	Concrete Curb, Special Design	LF	590		(1)
609-D003	Combination Concrete Curb and Gutter Type 2	LF	358		
609-D004	Combination Concrete Curb and Gutter Type 2 Modified	LF	4,142		
612-B001	Flowable Fill, Non-Excavatable	CY	29		(2)
614-A001	Concrete Driveway, Without Reinforcement	SY	317		
616-A001	Concrete Median and/or Island Pavement, 10-inch	SY	450		
616-A004	Concrete Median and/or Island Pavement, 4-inch	SY	1,147		
617-A001	Right-of-Way Marker	EA	274		
	TRAFFIC CONTROL ITEMS				
618-A001	Maintenance of Traffic	LS	1		
619-A1001	Temporary Traffic Stripe, Continuous White	MI	26		
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	26		(3)
619-A3001	Temporary Traffic Stripe, Skip White	MI	13		(4)
619-A5001	Temporary Traffic Stripe, Detail	LF	69,800		
619-A6002	Temporary Traffic Stripe, Legend	LF	2,600		
619-C6001	Red-Clear Reflective High Performance Raised Marker	EA	700		
619-C7001	Two-Way Yellow Reflective High Performance Raised Marker	EA	548		
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	264		
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	3,031		
619-E1001	Flashing Arrow Panel, Type C	EA	2		
907-619-E3001	Changeable Message Sign	EA	3		
619-F3001	Delineators, Guard Rail, White	EA	28		
619-G4001	Barricades, Type III, Double Faced	LF	24		
619-G4002	Barricades, Type III, Double Faced, Permanent	LF	72		
619-G4005	Barricades, Type III, Single Faced	LF	1,752		
619-G5001	Free Standing Plastic Drums	EA	541		
619-G7001	Warning Lights, Type "B"	EA	53		
619-K2004	Installation and Removal of Guard Rail, Type I Bridge End Section	EA	14		
619-K4001	Installation and Removal of Guardrail, Terminal End Section	EA	14		
620-A001	Mobilization	LS	1		
621-A001	Field Laboratory	EA	1		
907-627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	6,864		
	PAVEMENT MARKING ITEMS				
626-A001	6" Thermoplastic Double Drop Traffic Stripe, Skip White	MI	14		
626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White	MI	14		
626-E001	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow	MI	2		
626-F001	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow	MI	14		
626-G004	Thermoplastic Double Drop Detail Stripe, White	LF	26,409		
626-G005	Thermoplastic Double Drop Detail Stripe, Yellow	LF	18,064		
626-H001	Thermoplastic Double Drop Legend, White	SF	1,677		
626-H002	Thermoplastic Double Drop Legend, White	LF	2,183		
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	442		
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	2,397		
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	238		

ADDENDUM

(1) SEE WK. SH. NO. SD-SC1

(2) PLUG EXISTING PIPE AT APPROX. STA. 480+00 LT.

(3) ACCOUNTS FOR DOUBLE YELLOW IN BOTH DIRECTIONS UNTIL FOUR LANE IS OPERATIONAL.

(4) ACCOUNTS FOR TWO APPLICATIONS IN EACH DIRECTION.

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
2/24/2025
14058
STATE OF MISSISSIPPI

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GRESHAM SMITH
DETAILED BY: JD
CHECKED BY: MJ
DATE: 07/17/2024

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

SUMMARY OF QUANTITIES

SHEET ID
SQS-4

SHEET NO.
33

PLAN SHEET
2/24/2025 12:47:17 AM SQS_SH-SR19.dgn

ADDENDUM

SUMMARY OF QUANTITIES (SHEET 5)

PAY ITEM NO.	PAY ITEM	UNIT	NESHOBA : 101649-301000	
			Prelim	Final
	ROADSIDE SIGNS AND DELINEATORS			
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF	260	
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	1,691	
630-C001	Square Tube Posts, 4.0 lb/ft	LF	533	
630-C005	Square Tube Posts, 2.0 lb/ft	LF	2,383	
630-E002	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles	LBS	142	
630-E004	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar	LBS	644	
630-F002	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow	EA	80	
630-F006	Delineators, Guard Rail, White	EA	98	
630-F007	Delineators, Guard Rail, Yellow	EA	98	
630-G005	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted	EA	28	
907-630-PP002	Roadside Directional Signs, Sheet Aluminum, 0.125" Thickness, Ground Mounted	SF	101	
907-634-C001	Pole Foundations, Class "B" Concrete	CY	10	
	MISCELLANEOUS ROADWAY ITEMS			
699-A001	Roadway Construction Stakes	LS	1	
815-A007	Loose Riprap, Size 300	TON	4,320	
815-E001	Geotextile under Riprap	SY	5,334	
815-F002	Sediment Control Stone	TON	1,440	

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL
ENGINEER
12/24/2025
14058
STATE OF MISSISSIPPI

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/17/2024

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

SUMMARY OF QUANTITIES

SHEET ID
SQS-5

SHEET NO.
34

2/24/2025 12:47:20 AM SQS_SH-SR19.dgn PLAN SHEET

ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		

PHASE 4 EARTHWORK TOTAL THIS SHEET		
Cut	3516	Cu.Yds
Fill	242	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

PHASE 5 EARTHWORK TOTAL THIS SHEET		
Cut	463	Cu.Yds
Fill	1289	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

546.32
546.95
546.04
544.82
543.84
542.81
541.81
541.17
540.53
540.20
540.01
539.84
540.03
540.31
540.63
541.15
541.61
542.51
543.37
544.06
544.77
545.23
545.69
546.28
546.74
547.04
547.31
547.27
547.59
547.58

B.O.P
STA. 280+00

MILL & OVERLAY

PHASE 4 - 3516 CY CUT 242 CY FILL

PHASE 5 - 463 CY CUT 1289 CY FILL

WIDEN & OVERLAY

STA. 286+00
U-TURN REQ'D.

STA. 286+50
192' - 18" RCP REQ'D.
1 - MI-4A REQ'D.
U.S. FL. = 533.81'
D.S. FL. = 533.65'
H = 1.60'
W = 3.00'
L = 4.76'
OPENING: 1 @ 18"
TOG = 535.41'

STA. 288+50 LT.
1 - SS-3 REQ'D.
U.S. FL. = 532.65'
D.S. FL. = 528.07'
H = 7.39'
W = 4.83'
L = 3.38'
OPENING: 1 @ 18", 2 @ 30"
TOG = 539.25'
8' - 30" RCP REQ'D
8' - 30" RCP REQ'D
2 - PC-1 REQ'D.
1 - PA-1 REQ'D.
SKEW 25° RT. FWD

490 500 510 520 530 540 550 560 570 580 590

266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293

WILLIAM J. DAVIS
NAOMI JOYNER SMITH
SUE TRUHETT
RODNEY DAVIS
HAROLD DAVIS
RODNEY PIERCE
JERRY C. WINSTEAD
J. DAVIS WILLIAM
JUDY PAGE
BILLY JOYNER
CLOSE ROAD
B.O.P.
STA. 280+00
N59°18'25.760"W
12" RCP
24" of 18"CPP
58' of 18"CPP
59' of 18"CPP
79' of 18"CPP
39' of 15"CPP
144' OF 30" RCP
137' OF 18" RCP
111' of 18" RCP
E.I.P.

REVISIONS		
DATE	BY	
2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.

JERRY WINSTEAD

BILLY JOYNER

SHEET NO. 56	SHEET ID 3LT	**SR19 - SB B.O.P. TO STA. 293+50**

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/17/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

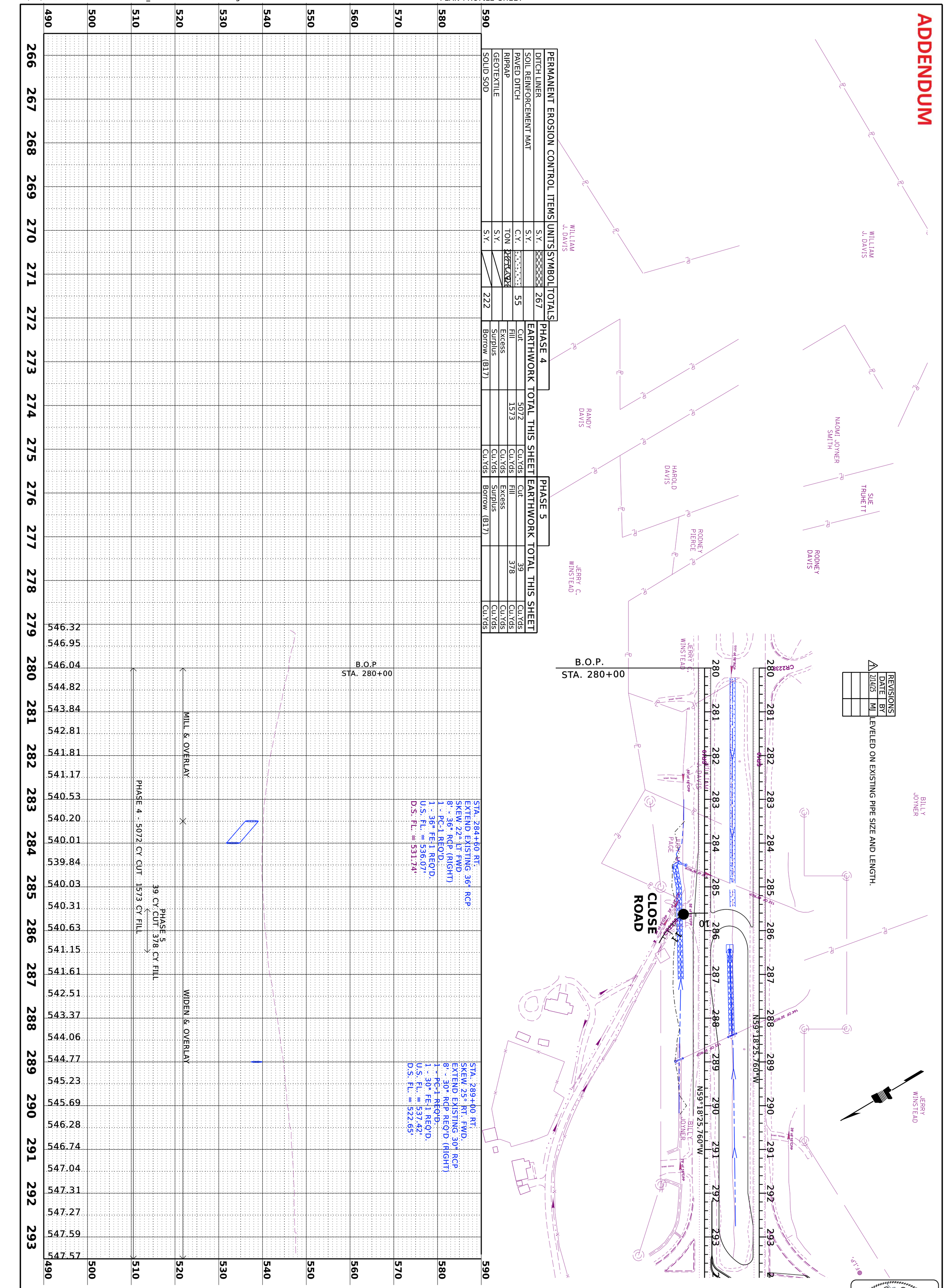
GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
14058
STATE OF MISSISSIPPI
02/14/2025

ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		267
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		55
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		222

PHASE 4 EARTHWORK TOTAL THIS SHEET	Cu.Yds
Cut	5072
Fill	1573
Excess	
Surplus	Cu.Yds
Borrow (B17)	Cu.Yds

PHASE 5 EARTHWORK TOTAL THIS SHEET	Cu.Yds
Cut	39
Fill	378
Excess	
Surplus	Cu.Yds
Borrow (B17)	Cu.Yds



REVISIONS		
DATE	BY	
2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.

SR19 - NB B.O.P. TO STA. 293+50

SHEET ID **3RT**

SHEET NO. **57**

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH

DETAILED BY: HU

CHECKED BY: MJ

DATE: 07/17/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
14058
STATE OF MISSISSIPPI
02/14/2025

DATE 10:28:28 PM WK_SH-SR19-ALI-LT-1.dgn

PLAN-PROFILE SHEET

ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		
RIPRAP	TON		90
GEOTEXTILE	S.Y.		111
SOLID SOD	S.Y.		

PHASE 3 EARTHWORK TOTAL THIS SHEET		
Cut	5	Cu.Yds
Fill	33390	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

PHASE 4 EARTHWORK TOTAL THIS SHEET		
Cut	4722	Cu.Yds
Fill	10719	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

PHASE 5 EARTHWORK TOTAL THIS SHEET		
Cut	252	Cu.Yds
Fill	62	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

REVISIONS		
DATE	BY	
2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.

STA. 294+00
J-TURN REQ'D.

STA. 294+00
80' - 18" RCP REQ'D.
1 - 18" FE-1 REQ'D.
U.S. FL. 544.17'
D.S. FL. 542.36"
1 - GI-1 REQ'D.
H = 3.42'
W = 3.38'
L = 3.25'
OPENINGS: 1 @ 18"
TOG = 546.88'

STA. 302+00 LT.
16' - RAMP REQ'D.
80' - 18" ALT. PIPE REQ'D.

STA. 306+00
U-TURN REQ'D.
104' - 24" RCP REQ'D.
2 - 24" FES REQ'D.

STA. 305+00
EXTEND EXISTING 60" RCP
8' - 60" RCP REQ'D.
SKEW 30° LT. FWD
1 - PC-1 REQ'D.
1 - 60" FE-1 REQ'D.
U.S. FL. = 507.15'
D.S. FL. = 502.64'

STA. 308+40 LT.
16' - RAMP REQ'D.
40' - 18" ALT. PIPE REQ'D.

STA. 311+00 LT.
16' - RAMP REQ'D.
40' - 18" ALT. PIPE REQ'D.

STA. 312+30 LT.
16' - RAMP REQ'D.
40' - 18" ALT. PIPE REQ'D.

STA. 314+00
X-OVER REQ'D.
72' - 24" RCP REQ'D.
2 - 24" FES REQ'D.

STA. 317+60
160' - 54" RCP CLASS IV REQ'D.
SKEW 32° LT. FWD.
1 - 54" FE-1 REQ'D.
8' - 18" STACK PIPE REQ'D.
U.S. FL. 480.28'
D.S. FL. 477.12'
1 - MI-2A REQ'D.
H = MIN
W = 3.00'
L = 3.67'
OPENINGS: 2 @ 54"
TOG = 498.27'
1 - DITCH PLUG REQ'D.

PHASE 3 - 5 CY CUT 33390 CY FILL

NEW CONSTRUCTION

PHASE 4 - 4722 CY CUT 10719 CY FILL

WIDEN & OVERLAY

PHASE 5
252 CY CUT 62 CY FILL

-1.9668%

-1.9668%

N59°18'25.760"W

317+00
TIE TO
EXISTING
R.O.W.

318+50
120'(LT)

320+00
TIE TO
EXISTING
R.O.W.

75'(LT)
TIE TO
EXISTING
R.O.W.

310+46
285'(RT)

313+25
240'(RT)

43+75
35'(RT)

43+75
35'(LT)

42+50
50'(LT)

317+11
(ON P.L.)
307'(RT)

318+42
(ON P.L.)
250'(RT)

321+00
235'(RT)

PC 40+41.539

N30°41'34.240"E

S82°53'07.74"E

POB 39+57.03

SR19 SB STA. 293+50 TO STA. 321+50

WK. NO. 4LT

SHEET NO. 58

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH

DETAILED BY: HU

CHECKED BY: MJ

DATE: 07/17/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
14058
STATE OF MISSISSIPPI
02/14/2025

DATE 10:28:42 PM WK_SH-SR19-ALI-RT-1.dgn

PLAN-PROFILE SHEET

ADDENDUM 1

REVISIONS		
DATE	BY	
2/14/25	MJ	1

LEVELED ON EXISTING PIPE SIZE AND LENGTH.

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		400
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		89
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		356

PHASE 2		
EARTHWORK TOTAL THIS SHEET		
Cut	1454	Cu.Yds
Fill	46375	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

PHASE 4		
EARTHWORK TOTAL THIS SHEET		
Cut	4622	Cu.Yds
Fill	764	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

PHASE 5		
EARTHWORK TOTAL THIS SHEET		
Cut	1089	Cu.Yds
Fill	219	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

WETLAND SITE		
TEMPORARILY FILLED	0.04	AC.
PERMANENTLY FILLED	0.81	AC.
BRIDGED		AC.

PHASE 4 - 4622 CY CUT 764 CY FILL

WIDEN & OVERLAY

PHASE 5 1089 CY CUT 219 CY FILL

MILL & OVERLAY

PHASE 2 - 1454 CY CUT 46375 CY FILL

NEW CONSTRUCTION

-1.90750%

-1.97339%

STA. 320+60 RT.
16' - RAMP REQ'D.
40' - 18" ALT. PIPE REQ'D.

STA. 316+80
40' - 54" RCP CLASS IV REQ'D.
SKEW 65° LT. FWD.
1 - 54" FE:1 REQ'D.
U.S. FL. = 484.64'
D.S. FL. = 483.10'

16' - 30" RCP CLASS IV REQ'D.
SKEW 25° RT. FWD.
U.S. FL. = 483.14'
D.S. FL. = 483.10'
1 - PC-1 REQ'D
TIE U.S. FL. TO EXIST.

160' - 54" RCP CLASS IV REQ'D.
SKEW 45° LT. FWD.
1 - JB-1
W1-3 = 9.41'
W2-4 = 4.83'
H = 7.625'
U.S. FL. = 483.10'
D.S. FL. = 480.28'
OPENINGS: 2 @ 54", 1 @ 30"

317+00
TIE TO
EXISTING
R.O.W.

318+50
120'(LT)

320+00
TIE TO
EXISTING
R.O.W.

75'(LT)
TIE TO
EXISTING
R.O.W.

310+46
285'(RT)

313+25
240'(RT)

43+75
35'(RT)

43+75
35'(LT)

42+50
50'(LT)

317+11
(ON P.L.)
307'(RT)

318+42
(ON P.L.)
250'(RT)

321+00
235'(RT)

POB 39+57.03
N59°18'25.760"W

PC 40+41.539
N30°41'34.240"E

44 POE 44+31.36
S82°53'01.14"E

43+31.358

SR492

WK. NO.	4RT
SHEET NO.	59

SR19 NB STA. 293+50 TO STA. 321+50

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH

DETAILED BY: HU

CHECKED BY: MJ

DATE: 07/17/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
14058
02/14/2025

DATE 10:29:26 PM WK_SH-SR19-ALI-LT-1.dgn

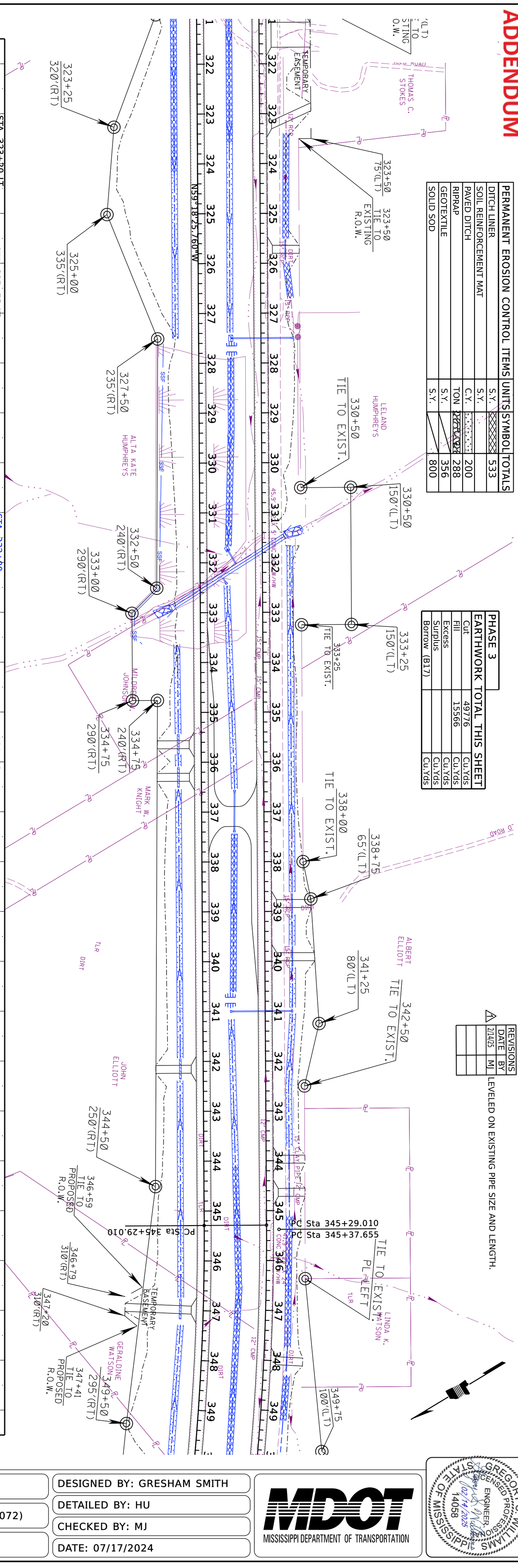
PLAN-PROFILE SHEET

ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		533
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		200
RIPRAP	TON		288
GEOTEXTILE	S.Y.		356
SOLID SOD	S.Y.		800

PHASE 3 EARTHWORK TOTAL THIS SHEET		
Cut	49776	Cu.Yds
Fill	15566	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

REVISIONS		
DATE	BY	
2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.



WK. NO. 5LT	SR19 SB STA. 321+50 TO STA. 349+50	FMS CON: 101649/301000	DESIGNED BY: GRESHAM SMITH
SHEET NO. 62		PROJECT NO.: STP-0026-01(072)	DETAILED BY: HU
		COUNTY: NESHOBA	CHECKED BY: MJ
			DATE: 07/17/2024

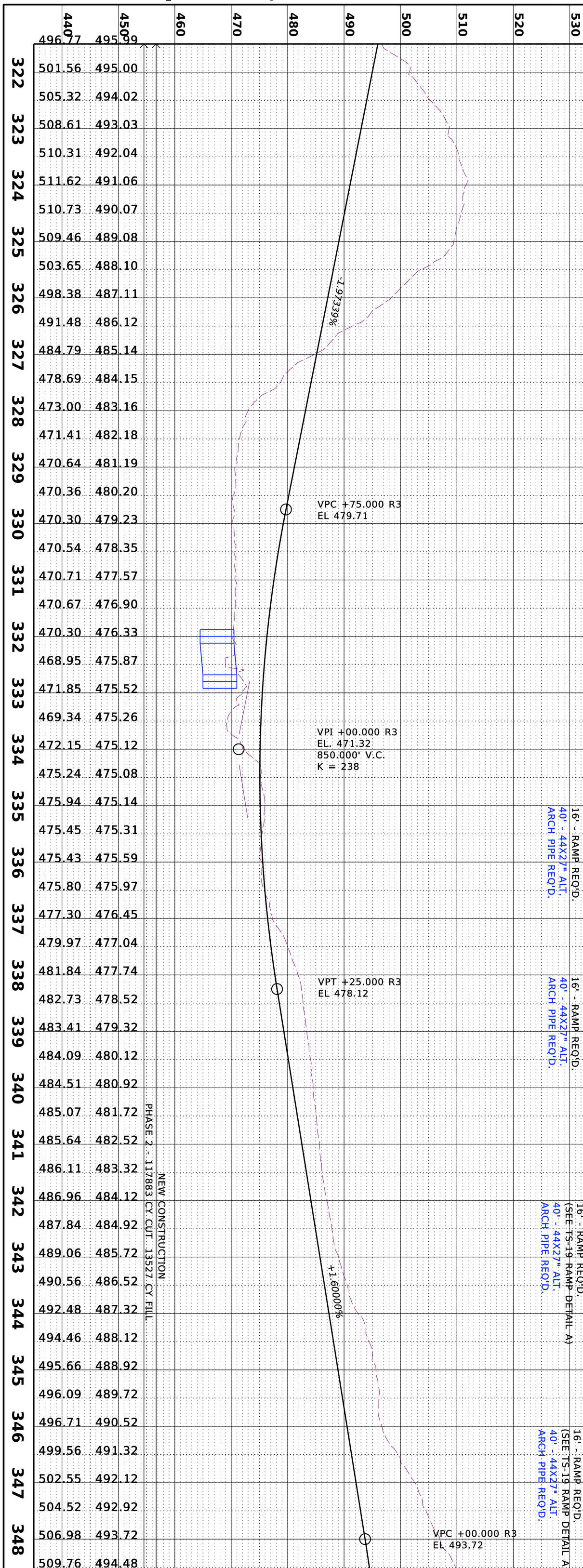
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS LICENSED PROFESSIONAL ENGINEER 14058 STATE OF MISSISSIPPI 02/14/2025

DATE 10:29:38 PM WK_SH-SR19-ALI-RT-1.dgn PLAN-PROFILE SHEET

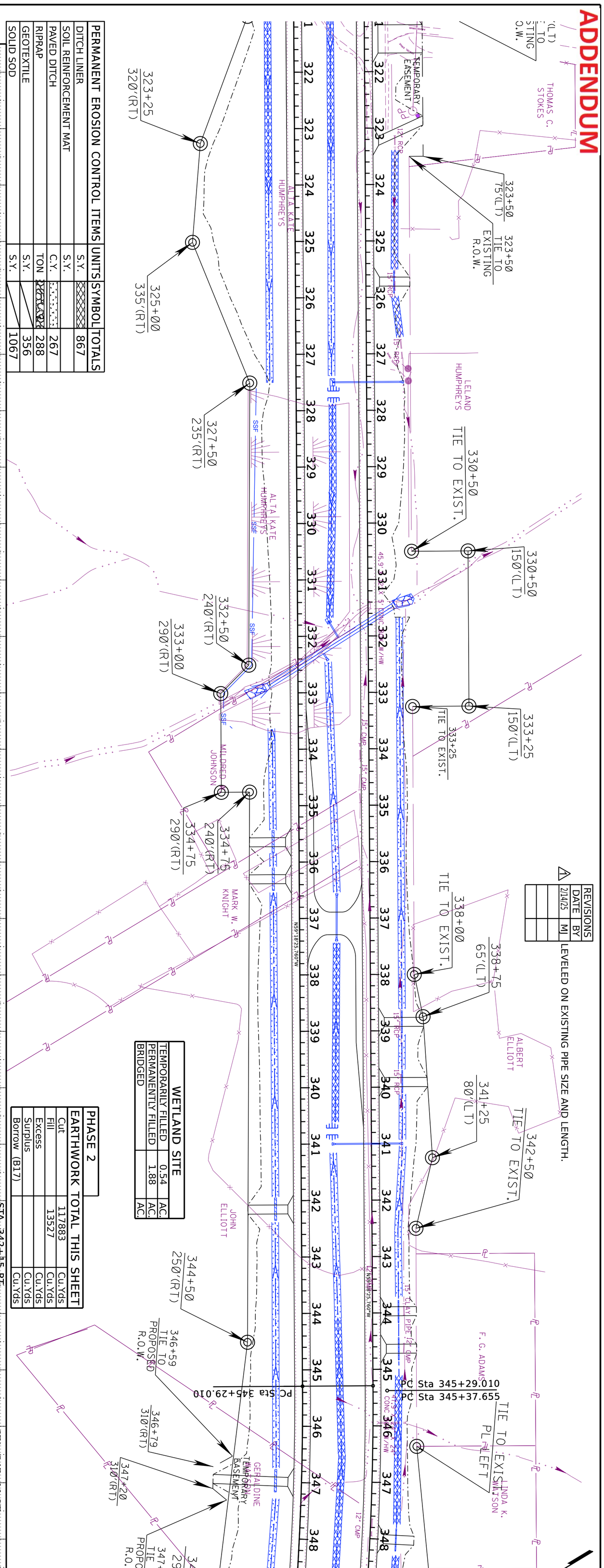
ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		867
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		267
RIPRAP	TON		288
GEOTEXTILE	S.Y.		356
SOLID SOD	S.Y.		1067



PHASE 2 EARTHWORK TOTAL THIS SHEET		
Cut	117883	Cu.Yds
Fill	13527	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

WETLAND SITE		
TEMPORARILY FILLED	0.54	AC.
PERMANENTLY FILLED	1.88	AC.
BRIDGED		AC.



REVISIONS		
DATE	BY	
2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.

SR19 NB STA. 321+50 TO STA. 349+50

WK. NO. **5RT**

SHEET NO. **63**

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH

DETAILED BY: HU

CHECKED BY: MJ

DATE: 07/17/2024

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

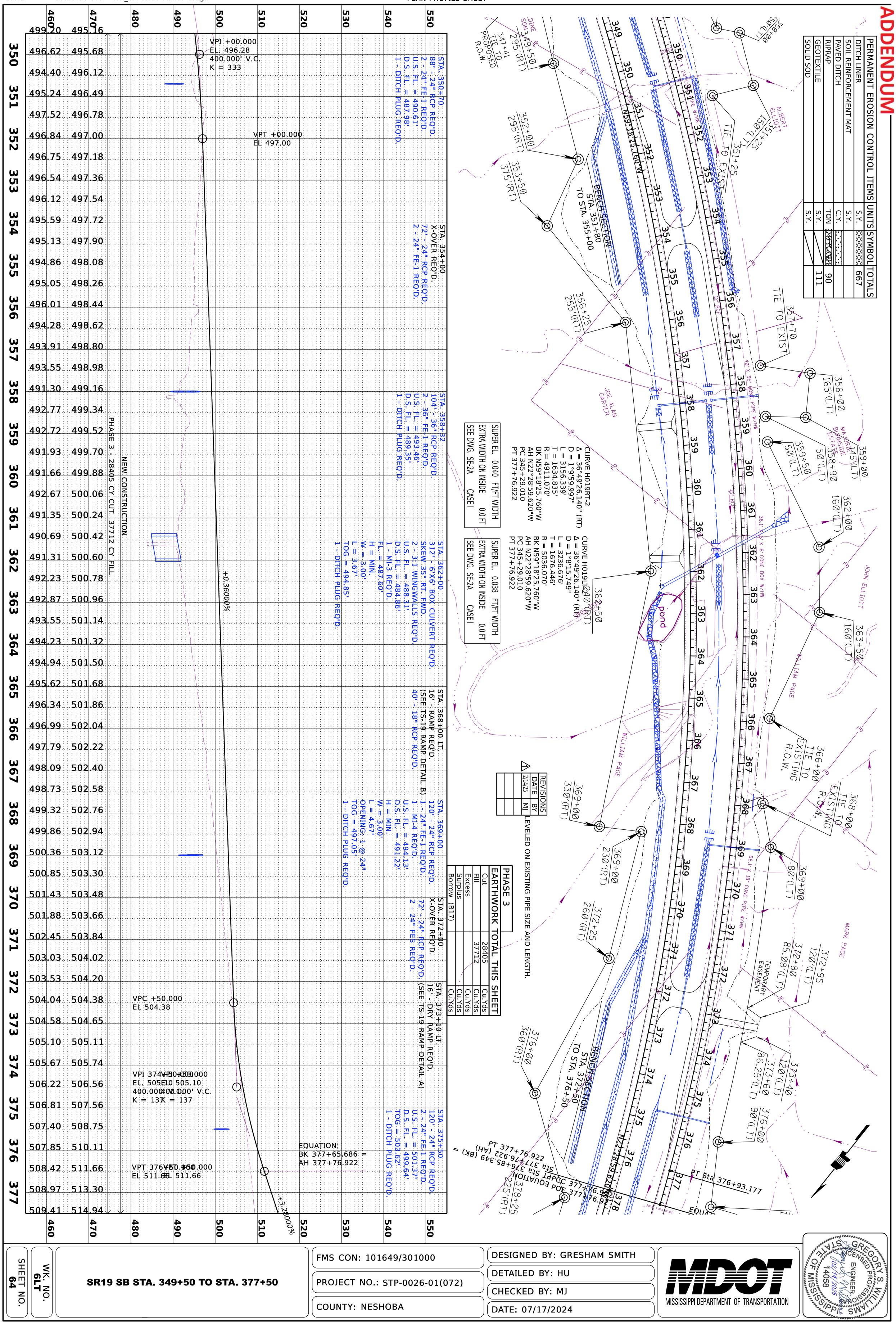
GREGORY S. WILLIAMS LICENSED PROFESSIONAL ENGINEER STATE OF MISSISSIPPI 14058 02/14/2025

DATE 10:29:50 PM WK_SH-SR19-ALI-LT-1.dgn

PLAN-PROFILE SHEET

ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		667
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		
RIPRAP	TON		90
GEOTEXTILE	S.Y.		111
SOLID SOD	S.Y.		



REVISIONS		
DATE	BY	
2/14/25	MJ	

LEVELED ON EXISTING PIPE SIZE AND LENGTH.

PHASE 3 EARTHWORK TOTAL THIS SHEET		
Cut	28405	Cu.Yds
Fill	37712	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

WK. NO. 6LT

SHEET NO. 64

SR19 SB STA. 349+50 TO STA. 377+50

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH

DETAILED BY: HU

CHECKED BY: MJ

DATE: 07/17/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
14058
02/14/2025

DATE 10:30:02 PM WK_SH-SR19-ALI-RT-1.dgn PLAN-PROFILE SHEET

ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		667
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		267
RIPRAP	TON		990
GEOTEXTILE	S.Y.		1222
SOLID SOD	S.Y.		1067

PHASE 2 EARTHWORK TOTAL THIS SHEET	
Cut	166591 Cu.Yds
Fill	29898 Cu.Yds
Excess	Cu.Yds
Surplus	Cu.Yds
Borrow (B17)	Cu.Yds

WETLAND SITE		
TEMPORARILY FILLED	0.07	AC.
PERMANENTLY FILLED	0.38	AC.
BRIDGED		AC.

REVISIONS		
DATE	BY	
2/14/25	MJ	1

LEVELED ON EXISTING PIPE SIZE AND LENGTH.

VPI +00.000 R3
EL. 496.92
400.000' V.C.
K = 313

VPT 352+00.000 R3
EL 497.56

VPI +50.000 R3
EL. 504.76
400.000' V.C.
K = 119

VPC 372+50.000 R3
EL 504.12

VPT +50.000 R3
EL 512.12

EQUATION:
BK 376+85.349 =
AH 377+76.922

+3.67999%

+0.32000%

STA. 358+00
104' - 36" RCP REQ'D.
2' - 36" FE:1 REQ'D.
U.S. FL. 493.60'
D.S. FL. 493.46'
1 - DITCH PLUG REQ'D

STA. 358+50 RT,
16' - RAMP REQ'D.
(SEE TS-19 RAMP DETAIL B)
40' - 18" ALT. PIPE REQ'D.

STA. 361+70 RT,
16' - RAMP REQ'D.
(SEE TS-19 RAMP DETAIL B)
40' - 18" ALT. PIPE REQ'D.

PHASE 2 - 166591 CY CUT 29898 CY FILL NEW CONSTRUCTION

SUPER EL. 0.040 FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0.0 FT
SEE DWG. SE-2A CASE I

SUPER EL. 0.038 FT/FT WIDTH
EXTRA WIDTH ON INSIDE 0.0 FT
SEE DWG. SE-2A CASE I

CURVE H019RT-2
Δ = 36°49'26.140" (RT)
D = 1°9'59.997"
L = 3156.339'
T = 1634.835'
R = 4911.070'
BK N59°18'25.760"W
AH N22°28'59.620"W
PC 345+29.010
PT 377+76.922

CURVE H019LT-2
Δ = 36°49'26.140" (RT)
D = 1°8'15.749"
L = 3236.676'
T = 1676.446'
R = 5036.070'
BK N59°18'25.760"W
AH N22°28'59.620"W
PC 345+29.010
PT 377+76.922

BENCH SECTION
STA. 351+80
TO STA. 355+00

BENCH SECTION
STA. 372+50
TO STA. 376+50

EQUATION:
PT Sta 376+93.177
PT Sta 377+65.69

MAJORIE BURNSIDE EST

JOE ALLAN CARTER

WILLIAM PAGE

JOHN ELLIOTT

MARK PAGE

TEMPORARY EASEMENT

pond

N=1140361.0600
E=921480.3114
Pipe Galvanized
SW Corner Sec.7,
T9N R13E

SR19 NB STA. 349+50 TO STA. 378+50	FMS CON: 101649/301000	DESIGNED BY: GRESHAM SMITH	MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION
WK. NO. 6RT	PROJECT NO.:STP-0026-01(072)	DETAILED BY: HU	
SHEET NO. 65	COUNTY: NESHOBA	CHECKED BY: MJ	
		DATE: 07/17/2024	

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
14058
02/14/2025

DATE 10:30:16 PM WK_SH-SR19-ALI-LT-2.dgn

PLAN-PROFILE SHEET

ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		333
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		200
RIPRAP	TON		468
GEOTEXTILE	S.Y.		578
SOLID SOD	S.Y.		800

EQUATION:
BK 377+65.686 =
AH 377+76.922

EQUATION:
PT Sta 377+65.686 (BK) =
Sta 377+76.922 (AH)

VPC 385+00.000
EL 539.17

VPI 393+00.000
EL. 565.41
1600.000' V.C.
K = 242.426

VPT 401+00.000
EL 538.85

+3.2800%

-3.3200%

STA. 385+00
168' - 24" RCP REQ'D.
1 - 24" FE-1 REQ'D.
1 - MJ-4 REQ'D.
U.S. FL. = 530.44'
D.S. FL. = 510.74'
H = 3.42'
W = 3.00'
L = 4.76'
OPENING: 1 @ 24"
TOG = 533.36'
1 - DITCH PLUG REQ'D.

STA. 392+50
74' - 24" RCP REQ'D.
2 - 24" FE-1 REQ'D.

STA. 401+70
416' - 42" RCP REQ'D
SKEW 32° LT, FWD.
2 - 42" FE-1 REQ'D.
16' - 18" STACK PIPE REQ'D.
U.S. FL. = 513.25'
D.S. FL. = 504.18'
1 - MJ-2 REQ'D.
FL. = 508.42'
H = 5.25'
W = 2.50'
L = 5.25'
OPENING: 2 @ 42"
TOG = 530.42'
1 - DITCH PLUG REQ'D.

REVISIONS		
	DATE	BY
2	2/14/25	MJ

2 LEVELED ON EXISTING PIPE SIZE AND LENGTH.

PHASE 3 EARTHWORK TOTAL THIS SHEET	
Cut	20469 Cu.Yds
Fill	166709 Cu.Yds
Excess	Cu.Yds
Surplus	Cu.Yds
Borrow (B17)	Cu.Yds

PHASE 3 - 20469 CY CUT 166709 CY FILL

NEW CONSTRUCTION

SR19 SB STA. 377+50 TO STA. 405+50

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH

DETAILED BY: HU

CHECKED BY: MJ

DATE: 07/01/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
14058
02/14/2025

WK. NO. 7LT

SHEET NO. 66

DATE 10:30:30 PM WK_SH-SR19-ALI-RT-2.dgn

PLAN-PROFILE SHEET

ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		467
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		289
RIPRAP	TON	XXXXXX	594
GEOTEXTILE	S.Y.		733
SOLID SOD	S.Y.		1156

PHASE 2 EARTHWORK TOTAL THIS SHEET		
Cut	31001	Cu.Yds
Fill	92418	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

NEW CONSTRUCTION
PHASE 2 - 31001 CY CUT 92418 CY FILL

VPT +50.000 R3
EL 512.12

EQUATION:
BK 376+85.349 =
AH 377+76.922

+3.67999%

VPC +00.000 R4
EL 540.03

VPI +00.000 R4
EL. 569.47
1600.000' V.C.
K = 222

VPT +00.000 R4
EL 541.31

-3.52000%

EQUATION:
PT Sta 377+65.686 (BK) =
Sta 377+76.922 (AH)

EQUATION:
PT Sta 376+85.349 (BK) =
Sta 377+76.922 (AH)

REVISIONS		
DATE	BY	
2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.

SR19 NB STA. 377+50 TO STA. 405+50

WK. NO. 7RT

SHEET NO. 67

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH

DETAILED BY: HU

CHECKED BY: MJ

DATE: 07/17/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
14058
02/14/2025

DATE 10:30:57 PM WK_SH-SR19-ALI-LT-2.dgn

PLAN-PROFILE SHEET

ADDENDUM

REVISIONS		
DATE	BY	
2/14/25	MJ	

LEVELED ON EXISTING PIPE SIZE AND LENGTH.

STA. 406+10 LT.
16' - RAMP REQ'D.
40' - 18" ALT. PIPE REQ'D.

STA. 407+00
112' - 24" RCP REQ'D.
1 - 24" FE-1 REQ'D.
1 - MI-4 REQ'D.
U.S. FL. = 510.41
D.S. FL. = 509.34'
H = 3.42'
W = 3.00'
L = 4.76'
OPENING: 1 @ 24"
TOG = 513.33'
1 - DITCH PLUG REQ'D.

STA. 407+75
224' - 8'X6' BOX CULVERT REQ'D.
U.S. FL. = 493.25'
U.S. FL. = 492.53'
D.S. FL. = 492.53'
2 - 3:1 WINGWALLS REQ'D.
2 - 8' - 24" RCP REQ'D.
2 - 24" FE-1 REQ'D.
U.S. FL. = 499.80'
D.S. FL. = 496.03'
U.S. FL. = 497.47'
D.S. FL. = 496.03'
2 - BRANCH CONNECTIONS REQ'D.

STA. 410+00
136' - 24" RCP REQ'D.
2 - 24" FE-1 REQ'D.
U.S. FL. = 504.15'
D.S. FL. = 502.66'
1 - DITCH PLUG REQ'D.

STA. 413+75
280' - 24" RCP REQ'D.
SKEW 45° RT. FWD.
2 - 24" FE-1 REQ'D.
U.S. FL. = 512.73'
D.S. FL. = 507.01'
1 - DITCH PLUG REQ'D.

STA. 416+00
X-OVER REQ'D.
72' - 24" RCP REQ'D.
2 - 24" FES REQ'D.

STA. 420+00
280' - 24" RCP REQ'D.
SKEW 45° RT. FWD.
2 - 24" FE-1 REQ'D.
U.S. FL. = 517.01'
D.S. FL. = 512.73'
1 - DITCH PLUG REQ'D.

STA. 424+75
280' - 24" RCP REQ'D.
SKEW 45° RT. FWD.
2 - 24" FE-1 REQ'D.
U.S. FL. = 512.73'
D.S. FL. = 507.01'
1 - DITCH PLUG REQ'D.

STA. 428+00
X-OVER REQ'D.
72' - 24" RCP REQ'D.
2 - 24" FES REQ'D.

STA. 430+80 LT.
16' - RAMP REQ'D.
(SEE TS-19 RAMP DETAIL 'A')
40' - 18" ALT. PIPE REQ'D.

VPC 409+00.000
EL 512.29

VPI 413+00.000
EL. 499.01
800.000' V.C.
K = 161.290

VPT 417+00.000
EL 505.57

VPC 423+00.000
EL 515.41

VPI 429+00.000
EL. 525.25
1200.000' V.C.
K = 285.714

-3.32000%

+1.64000%

3' UNDERCUT

NEW CONSTRUCTION

PHASE 3 - 31301 CY CUT 6728 CY FILL

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		1200
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		167
RIPRAP	TON		144
GEOTEXTILE	S.Y.		178
SOLID SOD	S.Y.		667

PHASE 3 EARTHWORK TOTAL THIS SHEET		
Cut	31301	Cu.Yds
Fill	6728	Cu.Yds
Excess	43491	Cu.Yds
Surplus		Cu.Yds
Borrow (B15)	24167	Cu.Yds

406+50 (LT)
406+25 30'(LT)
406+25 80'(LT)
407+75 180'(LT)
407+75 80'(LT)
407+00 300'(RT)
407+75 230'(RT)
410+00 400'(RT)
411+25 400'(RT)
412+50 80'(LT)
412+50 145'(LT)
413+00 255'(RT)
415+75 255'(RT)
415+75 200'(RT)
415+75 145'(LT)
415+75 80'(LT)
419+50 200'(RT)
423+00 80'(LT)
424+00 270'(RT)
424+25 200'(LT)
425+50 80'(LT)
427+50 285'(RT)
428+00 65'(LT)
429+80 100'(LT)
430+60 410'(RT)
432+00 65'(LT)

15" RCP
60.7' X 24" X 24" CONC BOX W\HW
49.9' X 5' X 4' CONC BOX W\HW
50.9'X 24" X 24" CONC BOX W\HW
42" X 18" CONC PIPE W\HW
24" of 15" RCP

WILLIAM CRESSWELL SR.
J. W. ALLISON EST.
BOBBY CUMBERLAND

BENCH SECTION
STA. 408+50
TO STA. 412+50

BENCH SECTION
STA. 428+00
TO STA. 432+25

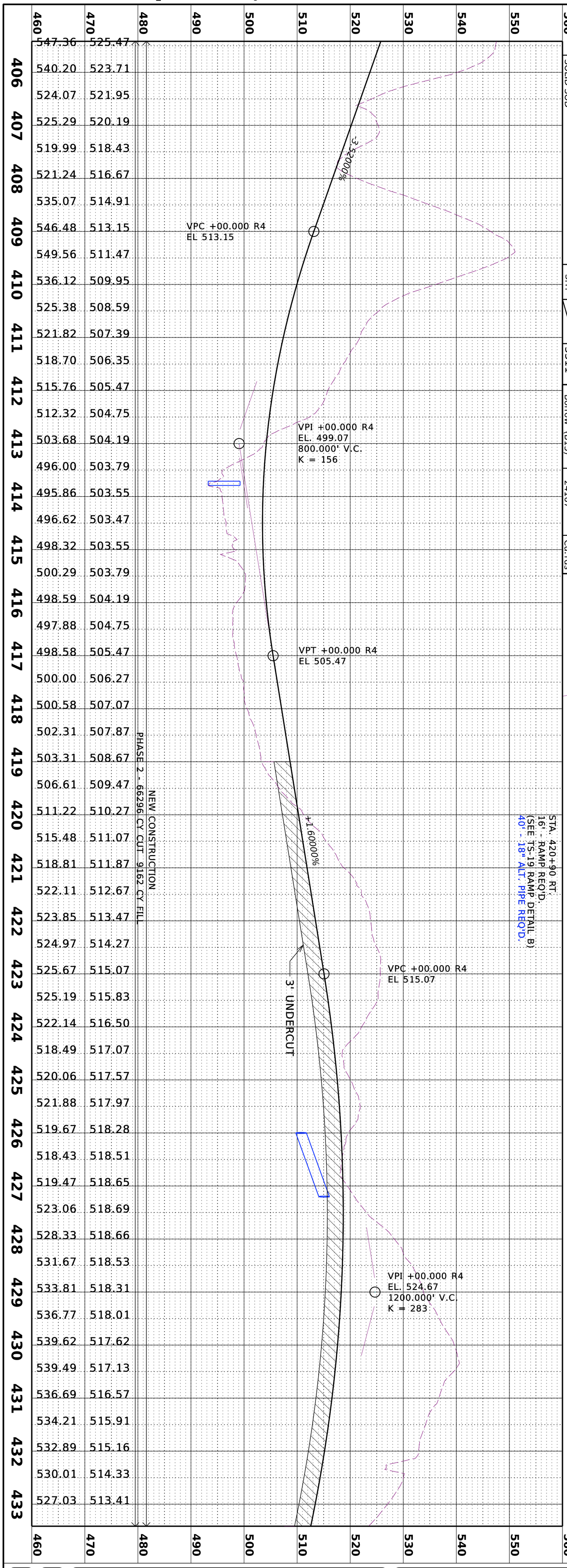
N22°28'59.620"W

SR19 SB STA. 405+50 TO STA. 433+50	
WK. NO. **8LT**	SHEET NO. **69**
FMS CON: 101649/301000	
PROJECT NO.: STP-0026-01(072)	
COUNTY: NESHOBA	
DESIGNED BY: GRESHAM SMITH	
DETAILED BY: HU	
CHECKED BY: MJ	
DATE: 07/01/2024	

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
14058
STATE OF MISSISSIPPI
02/14/2025

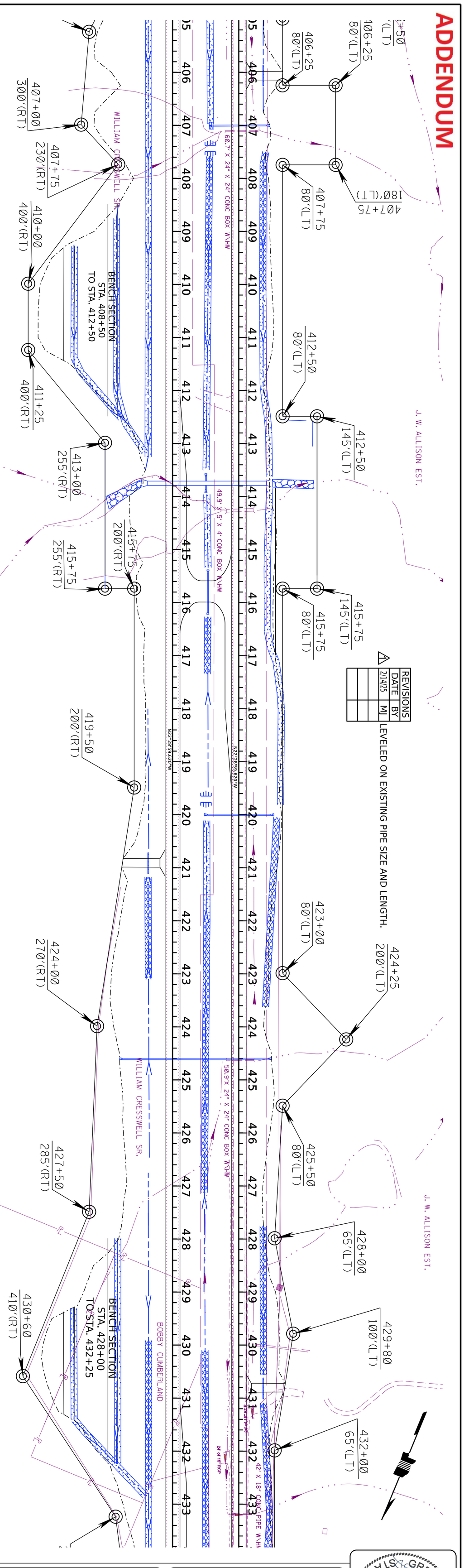
DATE 10:31:09 PM WK_SH-SR19-ALI-RT-2.dgn PLAN-PROFILE SHEET



PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		667
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		411
RIPRAP	TON	XXXXXX	90
GEOTEXTILE	S.Y.		111
SOLID SOD	S.Y.		3311

PHASE 2 EARTHWORK TOTAL THIS SHEET		
Cut	66296	Cu.Yds
Fill	9162	Cu.Yds
Excess	144922	Cu.Yds
Surplus		Cu.Yds
Borrow (B15)	24167	Cu.Yds

ADDENDUM



REVISIONS		
DATE	BY	
2/14/25	MJ	

WK. NO. 8RT	SR19 NB STA. 405+50 TO STA. 433+50	FMS CON: 101649/301000
SHEET NO. 70		PROJECT NO.: STP-0026-01(072)
		COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/17/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
14058
STATE OF MISSISSIPPI
02/14/2025

DATE 10:31:22 PM WK_SH-SR19-ALI-LT-2.dgn PLAN-PROFILE SHEET

ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		1200
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		98
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		391

WETLAND SITE		
TEMPORARILY FILLED		AC.
PERMANENTLY FILLED	0.77	AC.
BRIDGED		AC.

PHASE 3 EARTHWORK TOTAL THIS SHEET		
Cut	6786	Cu.Yds
Fill	55138	Cu.Yds
Excess	7456	Cu.Yds
Surplus		Cu.Yds
Borrow (B15)	3333	Cu.Yds

REVISIONS		
DATE	BY	
2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.

STA. 434+30 LT.
16' - RAMP REQ'D.
40' - 18" ALT. PIPE REQ'D.

STA. 435+00
X-OVER REQ'D.
72' - 24" RCP REQ'D.
2 - 24" FES REQ'D.

VPT 435+00.000
EL 509.89

VPC 436+50.000
EL 506.05

3' UNDERCUT

-2.56000%

STA. 437+50
144' - 24" RCP REQ'D.
1 - 24" FE-1 REQ'D.
1 - MI-4 REQ'D.
U.S. FL. = 494.03'
D.S. FL. = 486.70'
H = 3.42'
W = 3.00'
L = 3.67'
OPENING: 1 @ 24"
TOG = 496.95'
1 - DITCH PLUG REQ'D.

STA. 441+28.75 TO STA.443+71.25
BRIDGE #49.2 REQ'D (30 DEGREE RF SKEW)
70-100-70 SPANS
BRIDGE LENGTH: 240'
DA = 2.04 SQ. MI.

BEGIN BRIDGE F
STA. 441+28.75

END BRIDGE F
STA. 443+71.25

STA.443+71.25
2 - FLARED TERMINAL END SECTIONS REQ'D
2 - BRIDGE END SECTIONS REQ'D
275' GUARDRAIL (137.5' LT AND 137.5' RT)
A = 180.6458'
B = 137.5'

VPI 445+00.000
EL. 484.29
1700.000' V.C.
K = 334.646

STA. 443+90
42' - TYPE "B" PAVED FLUME (LT.)

STA. 444+40
36' - TYPE "B" PAVED FLUME (RT.)

STA. 448+20 LT.
16' - RAMP REQ'D.
40' - 24" ALT. PIPE REQ'D.

STA. 449+60
360' - 6'X6' BOX CULVERT REQ'D.
SKEW 43° LT. FWD.
2 - 3:1 WINGWALLS REQ'D.
U.S. FL. = 487.95'
D.S. FL. = 483.02'
1 - MI-3 (TYPE I) REQ'D.
FL. = 484.40'
H = 1.00'
W = 3.00'
L = 3.67'
TOG = 491.65'
1 - DITCH PLUG REQ'D.

VPT 453+50.000
EL 505.71

+2.52000%

STA. 454+
120' - 30"
2 - 30" FE
U.S. FL. =
D.S. FL. =
1 - DITCH

STA. 458+20 LT.
16' - RAMP REQ'D.
40' - 24" ALT. PIPE REQ'D.

STA. 460+00
X-OVER REQ'D.
72' - 30" RCP REQ'D.
2 - 30" FES REQ'D.

NEW CONSTRUCTION
PHASE 3 - 6786 CY CUT 55138 CY FILL

SHEET NO.	71
WK. NO.	9LT

SR19 SB STA. 433+50 TO STA. 461+50

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/01/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
14058
STATE OF MISSISSIPPI
02/14/2025

DATE 10:31:34 PM WK_SH-SR19-ALI-RT-2.dgn

PLAN-PROFILE SHEET

ADDENDUM

VPT +00.000 R4
EL 508.83

3' UNDERCUT

-2.64000%

VPC +00.000 R4
EL 498.27

BEGIN BRIDGE F
STA. 442+08.75

VPI +00.000 R4
EL. 485.07
1000.000' V.C.
K = 205

END BRIDGE F
STA. 444+51.25

VPT +00.000 R4
EL 496.27

+2.24000%

STA. 442+08.75 TO STA. 444+51.25
BRIDGE #49.2 REQ'D (30 DEGREE RF SKEW)
70-100-70 SPANS
BRIDGE LENGTH: 240'
DA = 2.04 SQ MI.

STA. 439+99
2 - FLARED TERMINAL END SECTIONS REQ'D
2 - BRIDGE END SECTIONS REQ'D
275' GUARDRAIL (137.5' LT AND 137.5' RIGHT)
A = 180.6458'
B = 137.5'

STA. 436+40 RT.
16' - RAMP REQ'D.
40' - 18" ALT. PIPE REQ'D.

STA. 444+70
38' - TYPE "B" PAVED FLUME (LT.)
44' - TYPE "B" PAVED FLUME (RT.)

STA. 447+00 RT.
16' - RAMP REQ'D.
(SEE TS-19 RAMP DETAIL 'A')
40' - 'DBL. 65"X40" ARCH PIPE REQ'D.

STA. 450+60 RT.
16' - RAMP REQ'D.
40' - 24" ALT. PIPE REQ'D.

STA. 455+20 RT.
16' - RAMP REQ'D.
40' - 24" ALT. PIPE REQ'D.

PHASE 2 - 5756 CY CUT 63913 CY FILL

NEW CONSTRUCTION

TYPICAL SECTION
DITCH RIGHT
STA. 444+20 - STA. 448+80

3:1
5'
3:1
2'
300# RIPRAP

REVISIONS

DATE	BY
2/14/25	MJ

1 LEVELED ON EXISTING PIPE SIZE AND LENGTH.

WETLAND SITE

TEMPORARILY FILLED	1.65	AC.
PERMANENTLY FILLED	0.85	AC.
BRIDGED		AC.

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		267
SOIL REINFORCEMENT MAT	S.Y.		254
PAVED DITCH	C.Y.		
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		1014

PHASE 2

EARTHWORK TOTAL THIS SHEET		
Cut	5756	Cu.Yds
Fill	63913	Cu.Yds
Excess	3226	Cu.Yds
Surplus		Cu.Yds
Borrow (B15)	3333	Cu.Yds

JOHNNY BECKHAM

J. W. ALLISON EST.

PAMELA WATKINS HOLCOMB

TEMPORARY EASEMENT

TEMPORARY EASEMENT

JOHNNY BECKHAM

SHEET NO. 72	WK. NO. 9RT	SR19 NB STA. 433+50 TO STA. 461+50

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

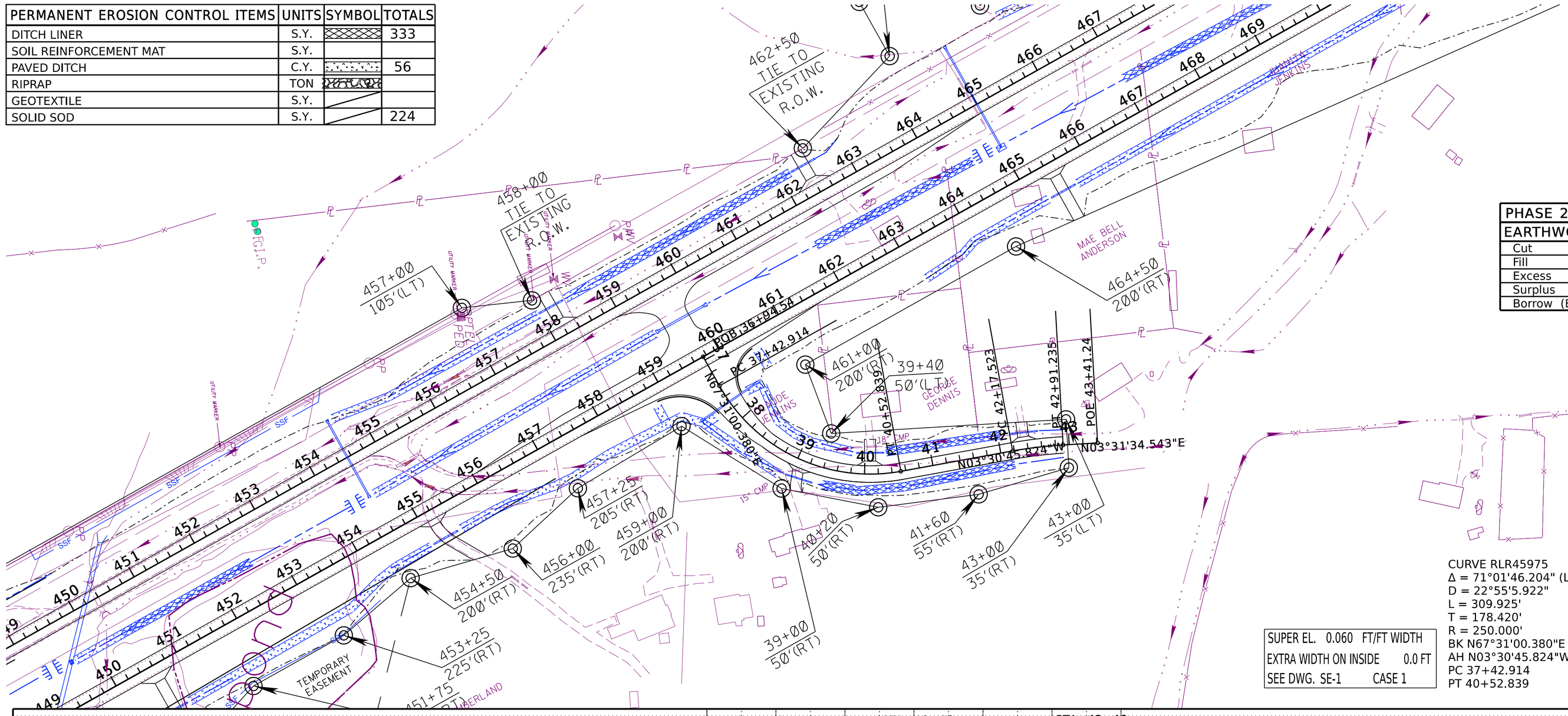
DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/17/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
14058
STATE OF MISSISSIPPI
02/14/2025

ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		333
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		56
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		224



PHASE 2		
EARTHWORK TOTAL THIS SHEET		
Cut	2020	Cu.Yds
Fill	58	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B15)		Cu.Yds

REVISIONS	
DATE	BY
1 2/14/25	MJ LEVELED ON EXISTING PIPE SIZE AND LENGTH.

CURVE RLR45975
Δ = 71°01'46.204" (LT)
D = 22°55'5.922"
L = 309.925'
T = 178.420'
R = 250.000'
BK N67°31'00.380"E
AH N03°30'45.824"W
PC 37+42.914
PT 40+52.839

CURVE RLR45975
Δ = 07°02'20.367" (RT)
D = 9°32'57.468"
L = 73.712'
T = 36.902'
R = 600.000'
BK N03°30'45.824"W
AH N03°31'34.543"E
PC 42+17.523
PT 42+91.235

SUPER EL. 0.060 FT/FT WIDTH	
EXTRA WIDTH ON INSIDE	0.0 FT
SEE DWG. SE-1	CASE 1

SUPER EL. 0.042 FT/FT WIDTH	
EXTRA WIDTH ON INSIDE	0.0 FT
SEE DWG. SE-1	CASE 1

STA. 39+10
16' RAMP REQ'D. RT
40' - ALT. PIPE REQ'D.

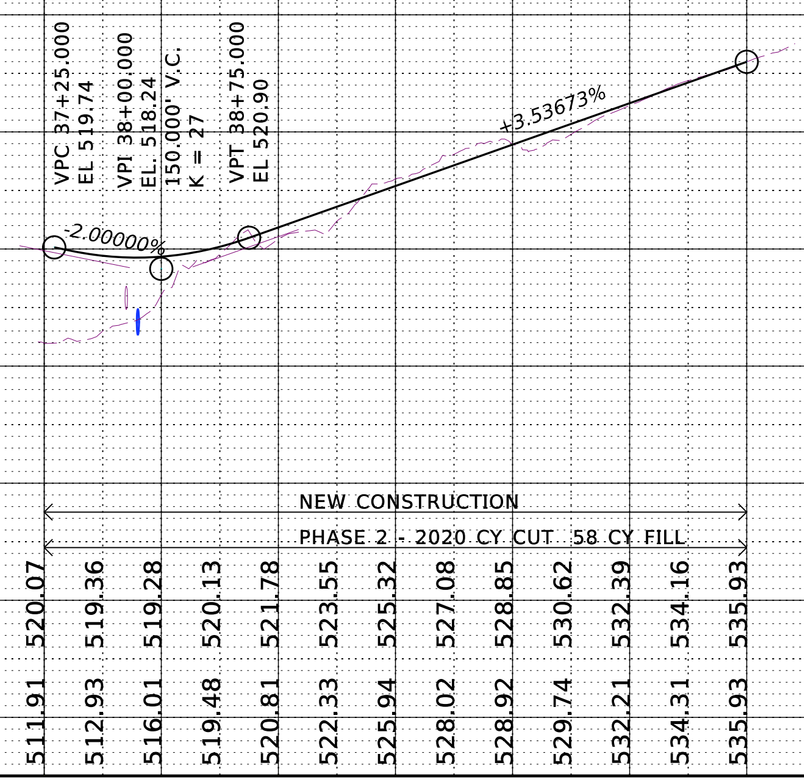
STA. 40+10
16' RAMP REQ'D. LT
40' - ALT. PIPE REQ'D.

STA. 42+40
16' RAMP REQ'D. LT
40' - ALT. PIPE REQ'D.

STA. 37+80
88' - 24" RCP REQ'D.
2 - 24" FE-1 REQ'D.
U.S. FL. = 512.08'
D.S. FL. = 512.65'

STA. 37+20
29' - TYPE "B" PAVED FLUME (LT.)
28' - TYPE "B" PAVED FLUME (RT.)

STA. 37+70
27' - TYPE "B" PAVED FLUME (LT.)
22' - TYPE "B" PAVED FLUME (RT.)



PLAN-PROFILE SHEET
WK_SH-LR45975.dgn
10:31:47 PM
DATE

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
02/14/2025
14058

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/01/2024

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

COUNTY ROAD 517
STA. 37+00 TO STA. 43+00

WK. NO. **9A**

SHEET NO. **73**

DATE 10:32:02 PM WK_SH-SR19-ALI-LT-2.dgn

PLAN-PROFILE SHEET

ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		667
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		144
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		578

REVISIONS		
DATE	BY	
2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.

STA. 462+40 LT.
16' - RAMP REQ'D.
40' - 24" ALT. PIPE REQ'D.

STA. 465+00
168' - 24" RCP REQ'D.
1 - 24" FE-1 REQ'D.
1 - MI-4 REQ'D.
U.S. FL. = 522.88'
D.S. FL. = 512.61'
H = 3.42'
W = 3.00'
L = 4.76'
OPENING: 1 @ 24"
TOG = 527.17'
1 - DITCH PLUG REQ'D.

STA. 469+80 LT.
16' - RAMP REQ'D.
40' - 24" ALT. PIPE REQ'D.

STA. 472+00
144' - 24" RCP REQ'D.
2 - 24" FE-1 REQ'D.
U.S. FL. = 542.74'
D.S. FL. = 541.05'
1 - DITCH PLUG REQ'D.

STA. 480+25
176' - 24" RCP REQ'D
1 - 24" FE-1 REQ'D.
1 - MI-4 REQ'D.
U.S. FL. = 559.17'
D.S. FL. 555.53'
H = 3.42'
W = 3.00'
L = 4.76'
OPENING: 1 @ 24"
TOG = 562.09'
1 - DITCH PLUG REQ'D.

STA. 483+20
384' - 30" RCP CLASS IV REQ'D.
SKEW 25° RT. FWD.
2 - 30" FE-1 REQ'D.
U.S. FL. = 564.45'
D.S. FL. = 539.61'

STA. 486+00 LT.
16' - RAMP REQ'D.
40' - 18" ALT. PIPE REQ'D.

STA. 489+40 LT.
16' - RAMP REQ'D.
40' - 18" ALT. PIPE REQ'D.

VPC 480+00.000
EL 572.49

VPI 487+00.000
EL. 590.13
1400.000' V.C.
K = 239.726

+2.5200%

3' UNDERCUT

NEW CONSTRUCTION
PHASE 3 - 19658 CY CUT 97212 CY FILL

PHASE 3		
EARTHWORK TOTALS		
Cut	19658	Cu.Yds
Fill	97212	Cu.Yds
Excess	50175	Cu.Yds
Surplus		Cu.Yds
Borrow (B15)	15833	Cu.Yds

TOTAL THIS SHEET	
19658	Cu.Yds
97212	Cu.Yds
5017	Cu.Yds
	Cu.Yds
15833	Cu.Yds

CLOSE ROAD

N22°28'59.620"W

WK. NO. 10LT
SHEET NO. 74

SR19 SB STA. 461+50 TO STA. 489+50

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/01/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

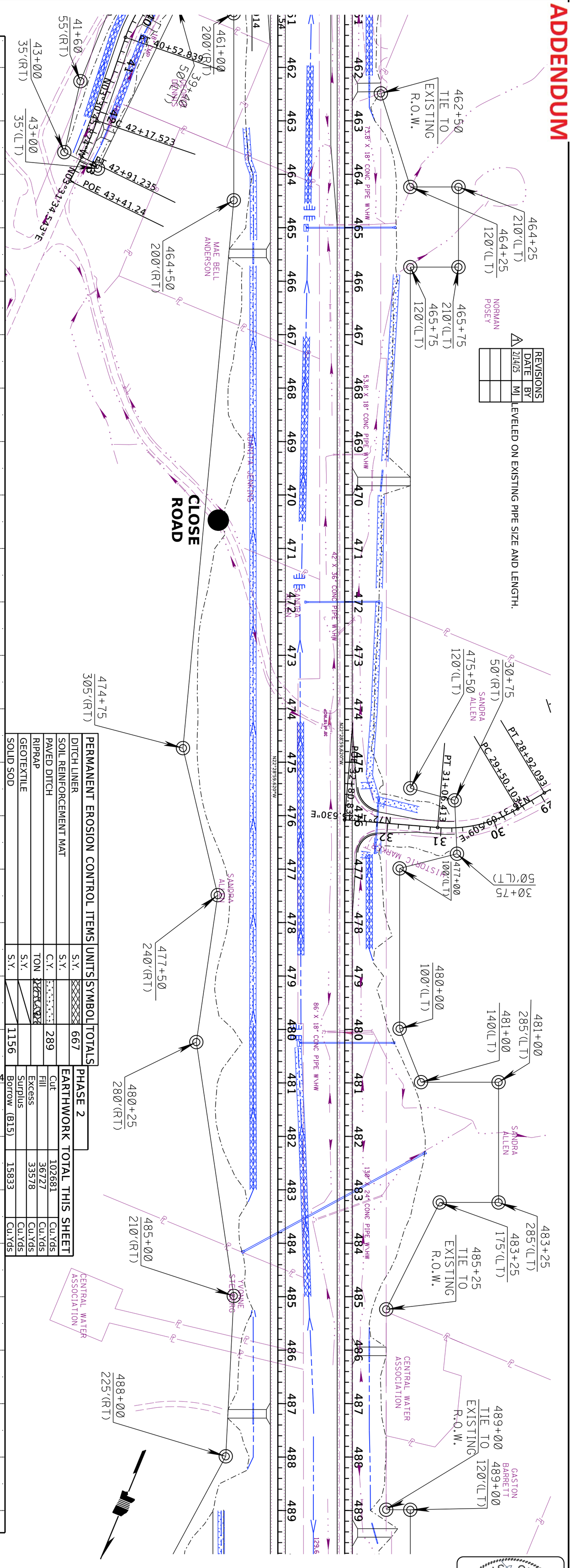
GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
14058
STATE OF MISSISSIPPI
02/14/2025

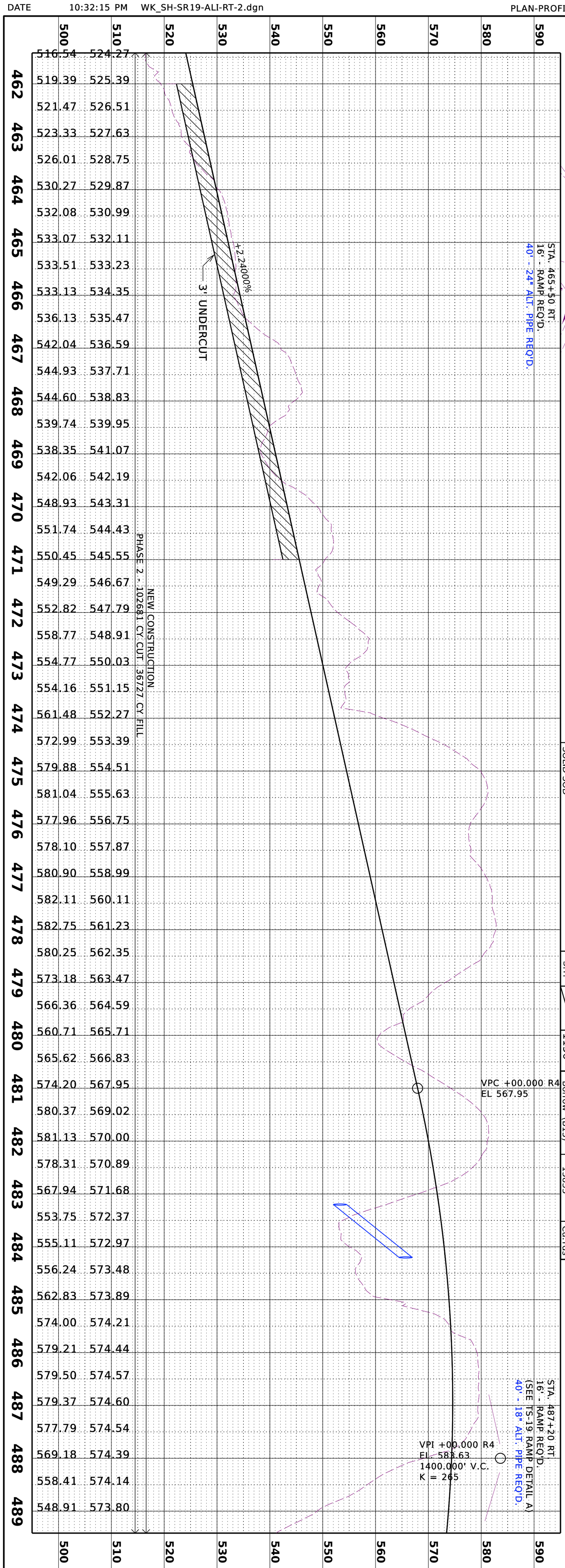
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PLAN-PROFILE SHEET

ADDENDUM

REVISIONS		
DATE	BY	
2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.





PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		667
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		289
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		1156

PHASE 2

EARTHWORK TOTAL THIS SHEET		
Cut	102681	Cu.Yds
Fill	36727	Cu.Yds
Excess	33578	Cu.Yds
Surplus		Cu.Yds
Borrow (B15)	15833	Cu.Yds

WK. NO. **10RT**

SHEET NO. **75**

SR19 NB STA. 461+50 TO STA. 489+50

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH

DETAILED BY: HU

CHECKED BY: MJ

DATE: 07/17/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

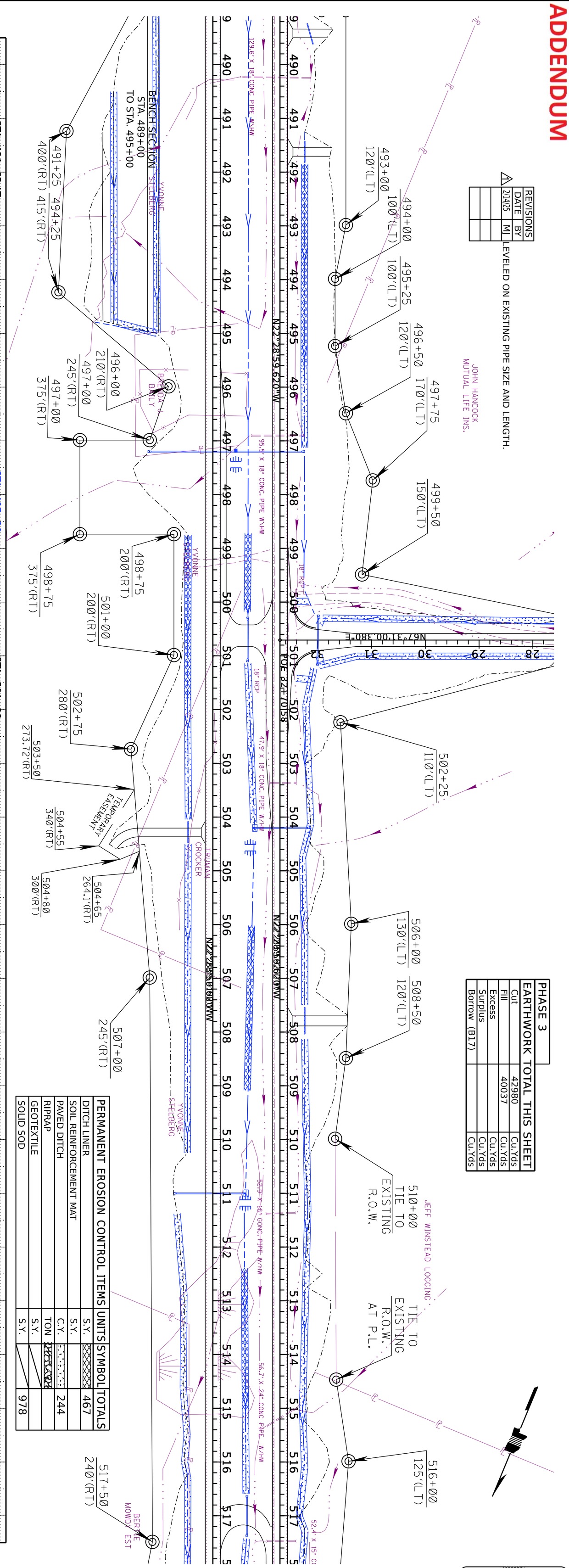
GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
14058
2/14/2025

DATE 10:32:42 PM WK_SH-SR19-ALI-LT-2.dgn

PLAN-PROFILE SHEET

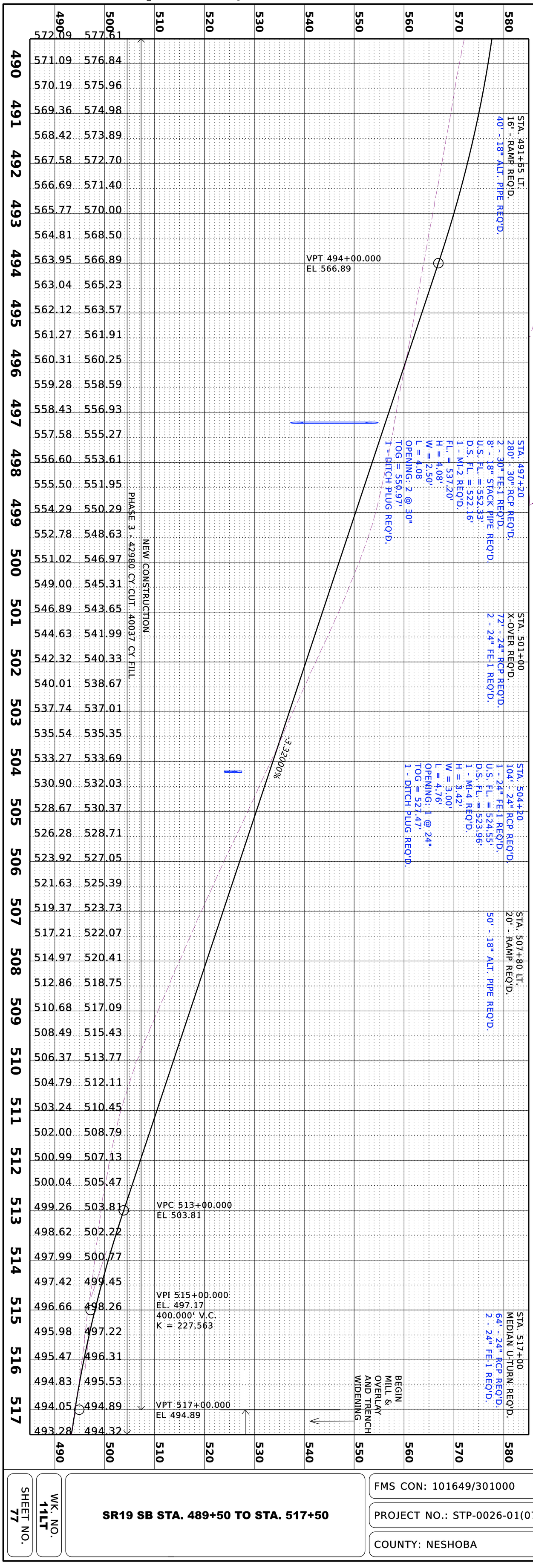
ADDENDUM

REVISIONS		
DATE	BY	
2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.



PHASE 3		
EARTHWORK TOTAL THIS SHEET		
Cut	42980	Cu.Yds
Fill	40037	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		467
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		244
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		978



GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
14058
02/14/2025

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SR19 SB STA. 489+50 TO STA. 517+50

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH

DETAILED BY: HU

CHECKED BY: MJ

DATE: 07/01/2024

WK. NO. **11LT**

SHEET NO. **77**

DATE 10:32:54 PM WK_SH-SR19-ALI-RT-2.dgn PLAN-PROFILE SHEET

ADDENDUM

REVISIONS		
	DATE	BY
1	2/14/25	MJ

LEVELED ON EXISTING PIPE SIZE AND LENGTH.

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		733
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		356
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		1422

PHASE 2 EARTHWORK TOTAL THIS SHEET		
Cut	46250	Cu.Yds
Fill	153430	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

WETLAND SITE		
TEMPORARILY FILLED	0.13	AC.
PERMANENTLY FILLED	0.87	AC.
BRIDGED		AC.

NEW CONSTRUCTION
PHASE 2 - 46250 CY CUT 153430 CY FILL

STA. 504+30 RT.
16' - RAMP REQ'D.
(SEE TS-19 RAMP DETAIL A)
40' - 18" ALT. PIPE REQ'D.

STA. 511+00
128' - 24" RCP REQ'D.
1 - 24" FEI REQ'D.
1 - MI-4 REQ'D.
U.S. FL. = 503.10'
D.S. FL. = 500.68'
H = 3.42'
W = 3.00'
L = 4.76'
OPENING: 1 @ 24"
TOG = 505.85'
1 - DITCH PLUG REQ'D.

VPT +00.000 R4
EL 562.35

VPC +00.000 R4
EL 495.47

3.040000%

STA	EL	
490	540.39	573.37
491	533.38	572.84
492	533.61	572.21
493	536.61	571.49
494	543.50	570.68
495	547.09	569.77
496	550.73	568.77
497	556.69	567.68
498	547.10	566.49
499	532.44	565.20
500	531.29	563.82
501	542.55	562.35
502	551.03	560.83
503	552.20	559.31
504	546.44	557.79
505	530.04	556.27
506	526.99	554.75
507	531.38	553.23
508	538.35	551.71
509	549.84	550.19
510	550.60	548.67
511	550.57	547.15
512	552.78	545.63
513	553.40	544.11
514	555.55	542.59
515	553.31	541.07
516	554.50	539.55
517	550.14	538.03
	543.86	536.51
	542.49	534.99
	539.53	533.47
	534.85	531.95
	532.20	530.43
	532.73	528.91
	533.10	527.39
	528.88	525.87
	525.18	524.35
	518.94	522.83
	512.96	521.31
	511.89	519.79
	512.92	518.27
	512.11	516.75
	509.53	515.23
	505.26	513.71
	497.21	512.19
	495.34	510.67
	493.75	509.15
	493.31	507.63
	492.68	506.11
	491.08	504.59
	490.63	503.07
	491.08	501.55
	490.24	500.03
	490.08	498.51
	491.08	496.99
	493.41	495.47

493+00 120'(LT)
494+00 100'(LT)
495+25 100'(LT)
496+50 120'(LT)
497+75 170'(LT)
499+50 150'(LT)
502+25 110'(LT)
506+00 130'(LT)
508+50 120'(LT)
516+00 125'(LT)
491+25 400'(RT)
494+25 415'(RT)
496+00 210'(RT)
497+00 245'(RT)
497+00 375'(RT)
498+75 375'(RT)
498+75 200'(RT)
501+00 200'(RT)
502+75 280'(RT)
503+50 273.72'(RT)
504+55 340'(RT)
504+80 300'(RT)
504+65 264.1'(RT)
507+00 245'(RT)
517+50 240'(RT)

BENCH SECTION STA. 489+00 TO STA. 495+00

129.6' X 18" CONC PIPE W/HW
95.5' X 18" CONC. PIPE W/HW
18" RCP
47.9' X 18" CONC. PIPE W/HW
56.7' X 24" CONC PIPE W/HW
52.4' X 15"

YVONNE STEELBERG
BRENDA J BAILY
TRUMAN CROCKER
JOHN HANCOCK MUTUAL LIFE INS.
JEFF WINSTEAD LOGGING
BERTIE MOWDY EST

TEMPORARY EASEMENT

POE 32+70.58
N67°31'00.380"E
N22°28'55.620"W

TIE TO EXISTING R.O.W.
TIE TO EXISTING R.O.W. AT P.L.

WK. NO. 11RT	SHEET NO. 78	SR19 NB STA. 489+50 TO STA. 517+50	FMS CON: 101649/301000
			PROJECT NO.: STP-0026-01(072)
			COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/17/2024

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS LICENSED PROFESSIONAL ENGINEER STATE OF MISSISSIPPI 14058 02/14/2025

DATE 10:33:23 PM WK_SH-SR19-ALI-LT-2.dgn PLAN-PROFILE SHEET

0.00000%

SHEET NO. 80

WK. NO. 12LT

SR19 SB STA. 517+50 TO STA. 545+50

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH

DETAILED BY: HU

CHECKED BY: MJ

DATE: 07/01/2024

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS ENGINEER 14058 STATE OF MISSISSIPPI REGISTERED PROFESSIONAL 02/14/2025

ADDENDUM

REVISIONS		
DATE	BY	
2/14/25	MJ	

△1 LEVELED ON EXISTING PIPE SIZE AND LENGTH.

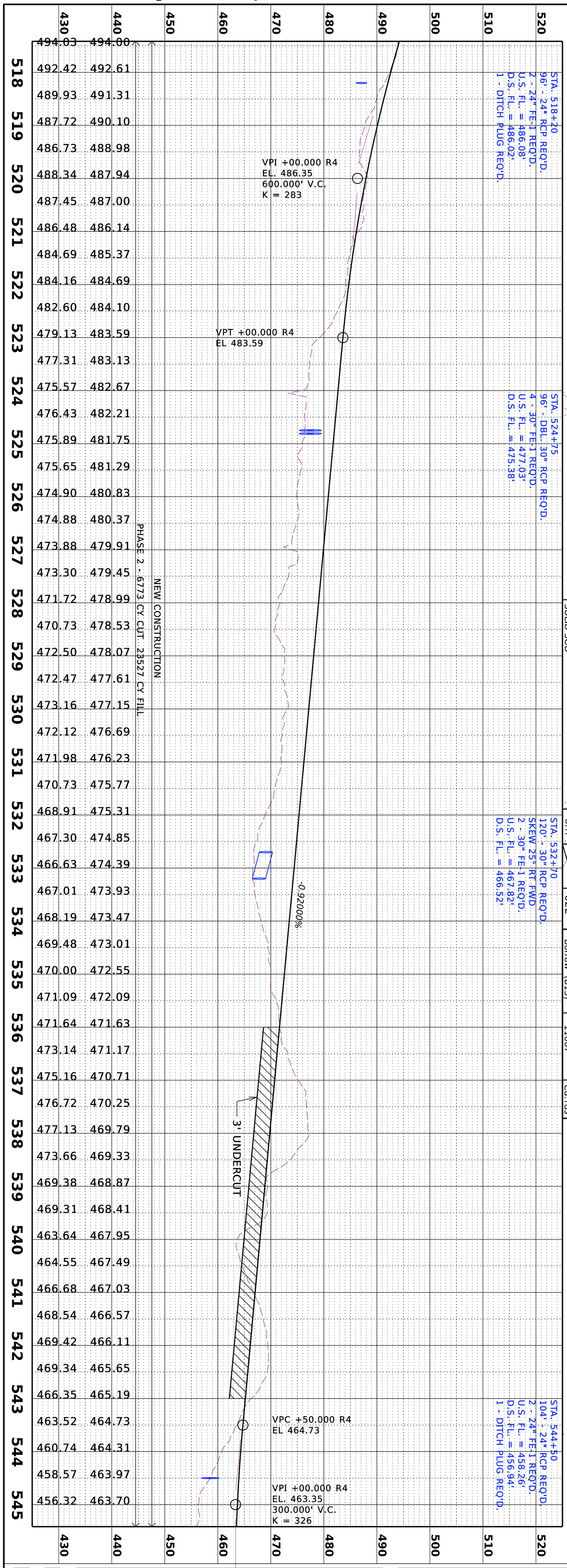
PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		1333
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		133
RIPRAP	TON		
GEOTEXTILE	S.Y.		533
SOLID SOD	S.Y.		

EARTHWORK TOTAL THIS SHEET	
PHASE 3	
Cut	20298 Cu.Yds
Fill	7979 Cu.Yds
Excess	5472 Cu.Yds
Surplus	Cu.Yds
Borrow (B15)	11667 Cu.Yds

DATE 10:33:34 PM WK_SH-SR19-ALI-RT-2.dgn

PLAN-PROFILE SHEET

ADDENDUM



PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		800
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		156
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		622

PHASE 2 EARTHWORK TOTAL THIS SHEET		
Cut	6773	Cu.Yds
Fill	23527	Cu.Yds
Excess	26433	Cu.Yds
Surplus		Cu.Yds
Borrow (B15)	11667	Cu.Yds

REVISIONS		
	DATE	BY
1	2/14/25	MJ

LEVELED ON EXISTING PIPE SIZE AND LENGTH.

WK. NO. 12RT

SHEET NO. 81

SR19 NB STA. 517+50 TO STA. 545+50

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH

DETAILED BY: HU

CHECKED BY: MJ

DATE: 07/17/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. MILLIAMS
LICENSED PROFESSIONAL ENGINEER
14058
STATE OF MISSISSIPPI
02/14/2025

ADDENDUM

PHASE 2 EARTHWORK TOTAL THIS SHEET		
Cut	56	Cu.Yds
Fill	29	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

PHASE 3 EARTHWORK TOTAL THIS SHEET		
Cut	353	Cu.Yds
Fill	25	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINFORCEMENT MAT	S.Y.		26
PAVED DITCH	C.Y.		
RIPRAP	TON		702
GEOTEXTILE	S.Y.		867
SOLID SOD	S.Y.		105

STA. 30+30
16' - RAMP REQ'D. RT.
40' - 18" ALT. PIPE REQ'D.

STA. 31+00
17' - TYPE "B" PAVED FLUME (LT.)
19' - TYPE "B" PAVED FLUME (RT.)

STA. 31+80
51' - TYPE "B" PAVED FLUME (LT.)
47' - TYPE "B" PAVED FLUME (RT.)

STA. 31+00
80' - 30" RCP REQ'D.
2 - 30" FE-1 REQ'D.
U.S. FL. = 473.60'
D.S. FL. = 473.40'

STA. 35+00
16' - TYPE "B" PAVED FLUME (LT.)

STA. 35+80
47' - TYPE "B" PAVED FLUME (LT.)
42' - TYPE "B" PAVED FLUME (RT.)

STA. 35+70
104' - DBL. 44X27" ALT. ARCH PIPE REQ'D.
4 - 30" FE-1 REQ'D.
U.S. FL. = 472.48'
D.S. FL. = 470.88'

29	481.36	481.36	
30	480.29	480.76	
31	479.64	480.15	
32	478.93	479.55	
33	478.38	478.95	PHASE 3 - 353 CY CUT 25 CY FILL
34	477.80	478.36	
35	477.52	478.31	
36	478.42	479.06	
37	479.43	479.64	
	476.88	479.02	NEW CONSTRUCTION
	475.30	479.16	
	475.08	479.46	PHASE 2 - 56 CY CUT 29 CY FILL
	474.87	478.42	
	474.47	477.39	
	475.06	476.47	
	475.66	476.30	
	476.94	476.70	
	477.02		

VPC +40.165
EL 478.46
VPI +90.165
EL. 477.86
100.000' V.C.
K = 31
VPT +40.165
EL 478.86

-1.20712%
+2.00000%
-1.22618%
+2.19435%
-1.29373%
-2.06119%
+1.72250%

VPC +75.000
EL 476.88
VPI +30.000
EL. 475.74
110.000' V.C.
K = 29
VPT +85.000
EL 476.69

EQUATION:
BK 36+85.554 =
AH 36+85.554

430	440	450	460	470	480	490	500	510	520	

POB 29+00.00
POE 37+00.00
EQUATION:
37+07.751 (BK) =
37+00.000

29+00 35'(LT)
29+00 35'(RT)
529+50 150'(LT)
532+25 TIE TO EXISTING R.O.W.
533+30 54.94'(LT)
533+40 75'(LT)
533+80 75'(LT)
533+90 57.76'(LT)
535+00 75'(LT)
535+10 90'(LT)
527+50 TIE TO EXISTING R.O.W.
526+00 150'(LT)
36+50 60'(RT)
37+00 55'(RT)
37+00 50'(LT)
523+25 200'(RT)
532+75 220'(RT)
528+75 220'(RT)
528+75 365'(RT)

65-30 SIGHT FLARE
NO ACCESS
TIMOTHY D. HARDY
LARRY SAVELL ETAL
TEMPORARY EASEMENT
CATCH TEL BEHIND
CEM

REVISIONS		
DATE	BY	
2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.

SHEET NO. 82

SHEET ID 12A

COUNTY ROAD 448
STA. 29+00 TO STA. 37+00

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH

DETAILED BY: HU

CHECKED BY: MJ

DATE: 07/01/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
STATE OF MISSISSIPPI
14058
02/14/2025

ADDENDUM

PERMANENT EROSION CONTROL ITEMS

	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		467
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		38
RIPRAP	TON		180
GEOTEXTILE	S.Y.		222
SOLID SOD	S.Y.		153

WETLAND SITE

TEMPORARILY FILLED	AC.
PERMANENTLY FILLED	AC.
0.17	
BRIDGED	AC.

REVISIONS		
	DATE	BY
1	2/14/25	MJ

LEVELED ON EXISTING PIPE SIZE AND LENGTH.

PHASE 3

EARTHWORK TOTAL THIS SHEET

Cut	4737	Cu.Yds
Fill	31882	Cu.Yds
Excess	13312	Cu.Yds
Surplus		Cu.Yds
Borrow (B15)	15000	Cu.Yds

VPC +00.000 R3
EL 463.76

VPI +00.000 R3
EL. 462.97
200.000' V.C.
K = 255

VPT +00.000 R3
EL 462.97

-0.78566%

STA. 548+00
X-OVER REQ'D.
72' - 24" RCP REQ'D.
2 - 24" FES REQ'D.

STA. 554+28.92 TO STA. 556+71.08
BRIDGE #51.3 REQ'D (15 DEGREE LF SKEW)
60-120-60 SPANS
BRIDGE LENGTH: 240'
DA = 3.17 SQ. MI.

STA. 556+71.08
2 - FLARED TERMINAL END SECTIONS REQ'D
2 - BRIDGE END SECTIONS REQ'D
275' GUARDRAIL (137.5' LT AND 137.5' RT)
A = 180.6458'
B = 137.5'

STA. 554+00
40' - TYPE "B" PAVED FLUME (LT.)
42' - TYPE "B" PAVED FLUME (RT.)

STA. 557+00
30' - TYPE "B" PAVED FLUME (LT.)
34' - TYPE "B" PAVED FLUME (RT.)

BEGIN BRIDGE G
STA. 554+28.92

END BRIDGE G
STA. 556+71.08

+0.00000%

NEW CONSTRUCTION
PHASE 3 - 4737 CY. CUT 31882 CY. FILL

STA. 564+50
96' - 30" RCP REQ'D.
2 - 30" FE-1 REQ'D.
U.S. FL. = 457.06'
D.S. FL. = 456.48'

STA. 566+80 LT.
16' - RAMP REQ'D
(SEE TS-19 RAMP DETAIL B)
40' - 16" RCP REQ'D.

VPC +00.000 R3
EL 462.97

VPI +00.000 R3
EL. 462.97
400.000' V.C.
K = 194

3' UNDERCUT

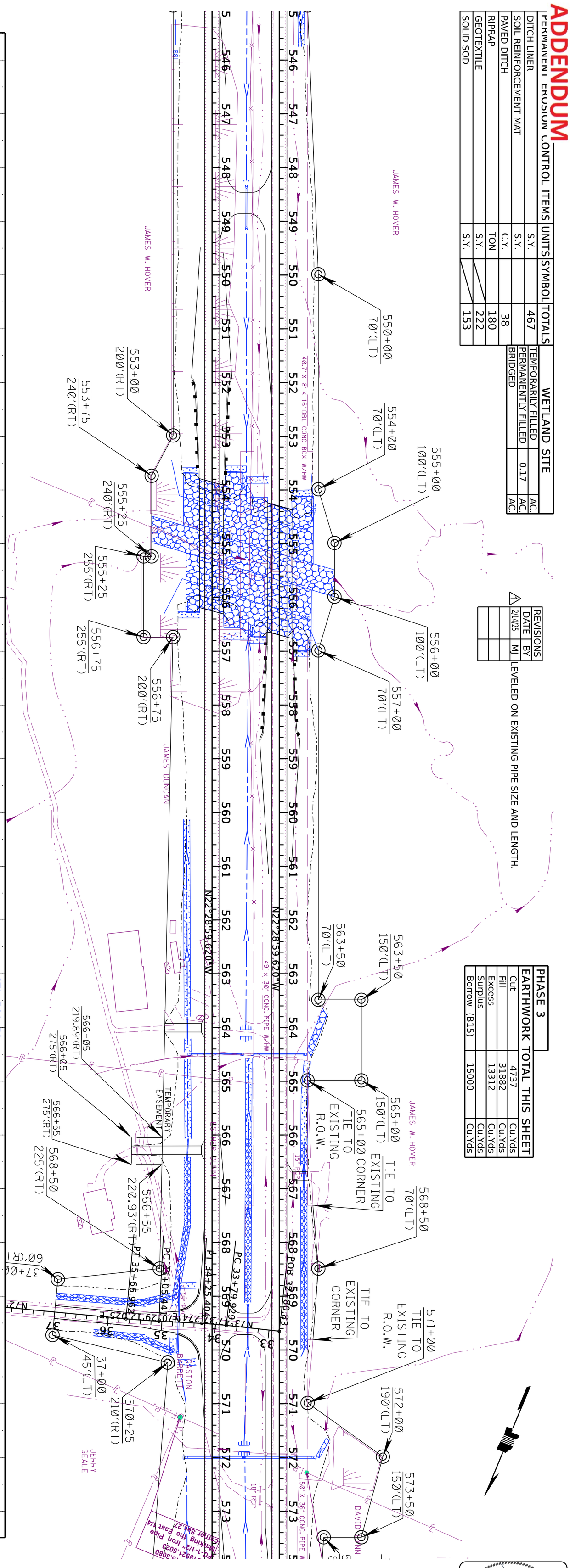
+2.06250%

VPT +00.000 R3
EL 467.10

VPC +00.000 R3
EL 471.22

STA. 569+00
X-OVER REQ'D.
72' - 24" RCP REQ'D.
2 - 24" FES REQ'D.

STA. 572+00
216' - 44"X27" ARCH PIPE REQ'D.
2 - 44"X27" FE-1A REQ'D.
U.S. FL. = 468.17'
D.S. FL. = 461.66'
1 - MI-1A REQ'D.
H = 4.92'
W = 3.00'
L = 5.666
OPENING 2 @ 44"X27"
TOG = 468.25'
1 - DITCH PLUG REQ'D.



WK. NO. 13LT	SR19 SB STA. 545+50 TO STA. 573+50	FMS CON: 101649/301000	DESIGNED BY: GRESHAM SMITH
SHEET NO. 83		PROJECT NO.: STP-0026-01(072)	DETAILED BY: HU
		COUNTY: NESHOBA	CHECKED BY: MJ
			DATE: 07/01/2024

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS LICENSED PROFESSIONAL ENGINEER 14058 STATE OF MISSISSIPPI 02/14/2025

DATE 10:34:15 PM WK_SH-SR19-ALI-RT-2.dgn

PLAN-PROFILE SHEET

ADDENDUM

PHASE 2		
EARTHWORK TOTAL THIS SHEET		
Cut	7340	Cu.Yds
Fill	41378	Cu.Yds
Excess	26480	Cu.Yds
Surplus		Cu.Yds
Borrow (B15)	15000	Cu.Yds

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		400
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		96
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		383

WETLAND SITE		
TEMPORARILY FILLED	0.86	AC.
PERMANENTLY FILLED	3.43	AC.
BRIDGED		AC.

REVISIONS		
DATE	BY	
2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.

STA. 553+68.92 TO STA. 556+11.08
BRIDGE #51.3 REQ'D (15 DEGREE LF SKEW)
60-120-60 SPANS
BRIDGE LENGTH: 240'
DA = 3.17 SQ. MI.

STA. 551+77
2 - FLARED END TERMINAL END SECTIONS REQ'D
2 - BRIDGE END SECTIONS REQ'D
275' GUARDRAIL (137.5' LT AND 137.5' RT)
A = 180.6458'
B = 137.5'

STA. 553+60
40' - TYPE "B" PAVED FLUME (LT.)
31' - TYPE "B" PAVED FLUME (RT.)

STA. 556+30
42' - TYPE "B" PAVED FLUME (RT.)

STA. 556+70
48' - TYPE "B" PAVED FLUME (LT.)

STA. 564+00 RT.
16' - RAMP REQ'D.
40' - 18" ALT. PIPE REQ'D.

STA. 564+50
96' - 30" RCP REQ'D.
2 - 30" FE-1 REQ'D.
U.S. FL. = 459.04'
D.S. FL. = 457.48'
1 - DITCH PLUG REQ'D.

STA. 566+30 RT.
16' - RAMP REQ'D.
40' - 18" ALT. PIPE REQ'D.

455.52	463.51
454.42	463.39
453.81	463.35
453.27	463.35
453.15	463.35
453.16	463.35
452.69	463.35
452.72	463.35
452.37	463.35
451.97	463.35
452.99	463.35
452.66	463.35
452.28	463.35
452.28	463.35
452.29	463.35
452.14	463.35
452.30	463.35
452.29	463.35
454.38	463.35
447.29	463.35
453.65	463.35
453.05	463.35
452.67	463.35
452.55	463.35
452.84	463.35
453.96	463.35
455.24	463.35
456.77	463.35
456.79	463.35
457.80	463.35
458.90	463.35
459.57	463.35
460.08	463.35
460.07	463.35
460.36	463.35
461.00	463.35
461.57	463.35
461.16	463.42
460.50	463.64
463.38	464.00
465.71	464.50
467.16	465.14
468.80	465.93
469.96	466.79
471.61	467.65
472.48	468.51
473.98	469.37
476.47	470.23
472.51	471.09
471.71	471.95
472.20	472.81
471.37	473.62
469.75	474.34
468.91	474.96
469.79	475.48
474.49	475.90

VPT +50.000 R4
EL 463.35

BEGIN BRIDGE G
STA. 553+68.92

+0.00000%

END BRIDGE G
STA. 556+11.08

NEW CONSTRUCTION

PHASE 2 - 7340 CY CUT, 41378 CY FILL

VPC +50.000 R4
EL 463.35

VPI +00.000 R4
EL. 463.35
300.000' V.C.
K = 174

VPT +50.000 R4
EL 465.93

+1.72000%

3' UNDERCUT

VPC +50.000 R4
EL 472.81

JAMES W. HOVER

JAMES W. HOVER

JAMES DUNCAN

JAMES W. HOVER

JAMES W. HOVER

JERRY SEALE

DAVID QUINN

40.7' X 8' X 16' DBL CONC BOX W/HW

49" X 30" CONC. PIPE W/HW

18" RCP

50" X 36" CONC. PIPE

TEMPORARY EASEMENT

555+00 100'(LT)
554+00 70'(LT)
553+00 200'(RT)
553+75 240'(RT)
555+25 240'(RT)
555+25 255'(RT)
556+75 255'(RT)
556+00 100'(LT)
557+00 70'(LT)
556+75 200'(RT)
563+50 150'(LT)
563+50 70'(LT)
565+00 150'(LT) TIE TO EXISTING 565+00 CORNER
TIE TO EXISTING R.O.W.
568+50 70'(LT)
566+05 219.89'(RT)
566+05 275'(RT)
566+55 275'(RT)
568+50 225'(RT)
566+55 220.93'(RT)
37+00 60'(RT)
37+00 45'(LT)
570+25 210'(RT)
571+00 TIE TO EXISTING R.O.W.
TIE TO EXISTING CORNER
572+00 190'(LT)
573+50 150'(LT)

PC 35+05.44
PT 35+66.96
PC 33+79.92
PT 34+25.40
POB 33+89.83

N22°28'59.620"W
N72°55'59.808"E
N72°29'12.025"E
N27°42'40.192"W

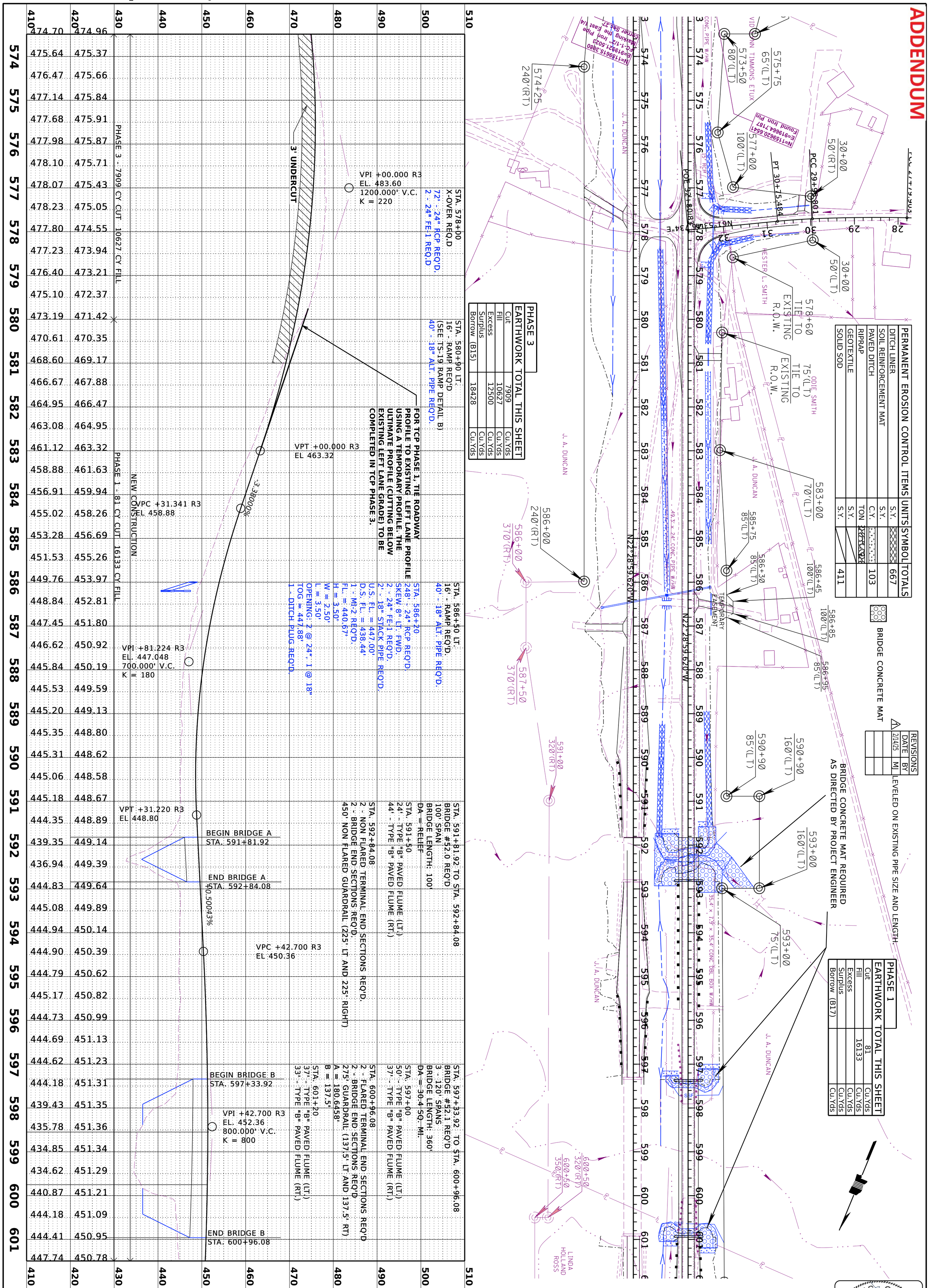
Marking the East 1/4 Corner Sec. 27

WK. NO. 13RT	SR19 NB STA. 545+50 TO STA. 573+50	FMS CON: 101649/301000	DESIGNED BY: GRESHAM SMITH
SHEET NO. 84		PROJECT NO.: STP-0026-01(072)	DETAILED BY: HU
		COUNTY: NESHOBA	CHECKED BY: MJ
			DATE: 07/17/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
14058
STATE OF MISSISSIPPI
02/14/2025

ADDENDUM



PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		667
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		103
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		411

BRIDGE CONCRETE MAT

REVISIONS		
DATE	BY	
2/14/25	MJ	1

PHASE 3 EARTHWORK TOTAL THIS SHEET		
Cut	7909	Cu.Yds
Fill	10627	Cu.Yds
Excess	12500	Cu.Yds
Surplus		Cu.Yds
Borrow (B15)	18428	Cu.Yds

PHASE 1 EARTHWORK TOTAL THIS SHEET		
Cut	81	Cu.Yds
Fill	16133	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

GREGORY S. WILLIAMS LICENSED PROFESSIONAL ENGINEER 14058 STATE OF MISSISSIPPI 2/14/2025

SHEET ID	14LT
SHEET NO.	86

SR19 SB STA. 573+50 TO STA. 601+50

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

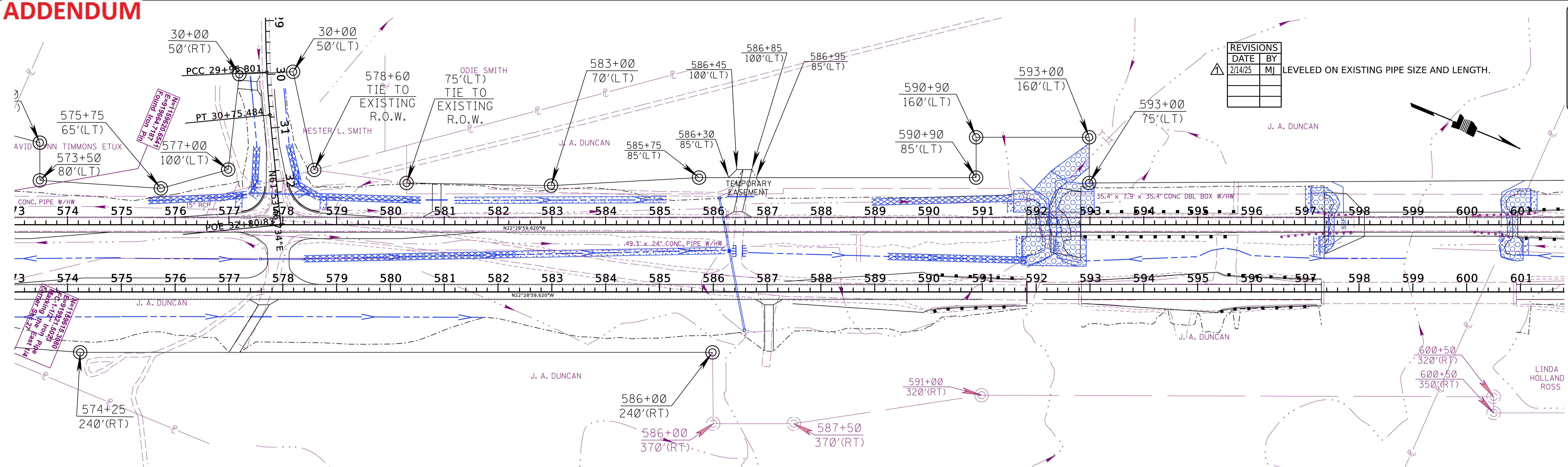
DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/01/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ADDENDUM

REVISIONS		
	DATE	BY
△1	2/14/25	MJ

LEVELED ON EXISTING PIPE SIZE AND LENGTH.



PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		133
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		22
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		89

PHASE 2

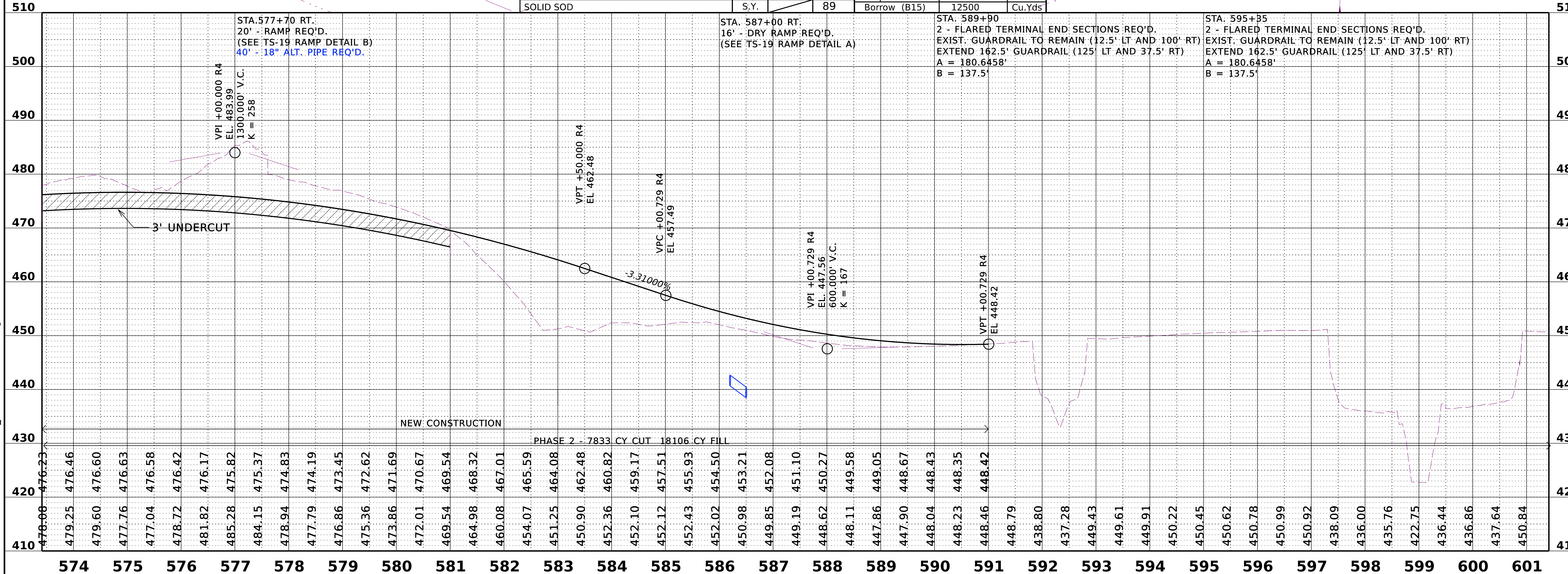
EARTHWORK TOTAL THIS SHEET		
Cut	7833	Cu.Yds
Fill	18106	Cu.Yds
Excess	38742	Cu.Yds
Surplus		Cu.Yds
Borrow (B15)	12500	Cu.Yds

STA.577+70 RT.
20' - RAMP REQ'D.
(SEE TS-19 RAMP DETAIL B)
40' - 18" ALT. PIPE REQ'D.

STA. 587+00 RT.
16' - DRY RAMP REQ'D.
(SEE TS-19 RAMP DETAIL A)

STA. 589+90
2 - FLARED TERMINAL END SECTIONS REQ'D.
EXIST. GUARDRAIL TO REMAIN (12.5' LT AND 100' RT)
EXTEND 162.5' GUARDRAIL (125' LT AND 37.5' RT)
A = 180.6458'
B = 137.5'

STA. 595+35
2 - FLARED TERMINAL END SECTIONS REQ'D.
EXIST. GUARDRAIL TO REMAIN (12.5' LT AND 100' RT)
EXTEND 162.5' GUARDRAIL (125' LT AND 37.5' RT)
A = 180.6458'
B = 137.5'



GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
02/14/2025
14058
STATE OF MISSISSIPPI

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/17/2024

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

SR19 NB STA. 573+50 TO STA. 601+50

WK. NO. **14RT**

SHEET NO. **87**

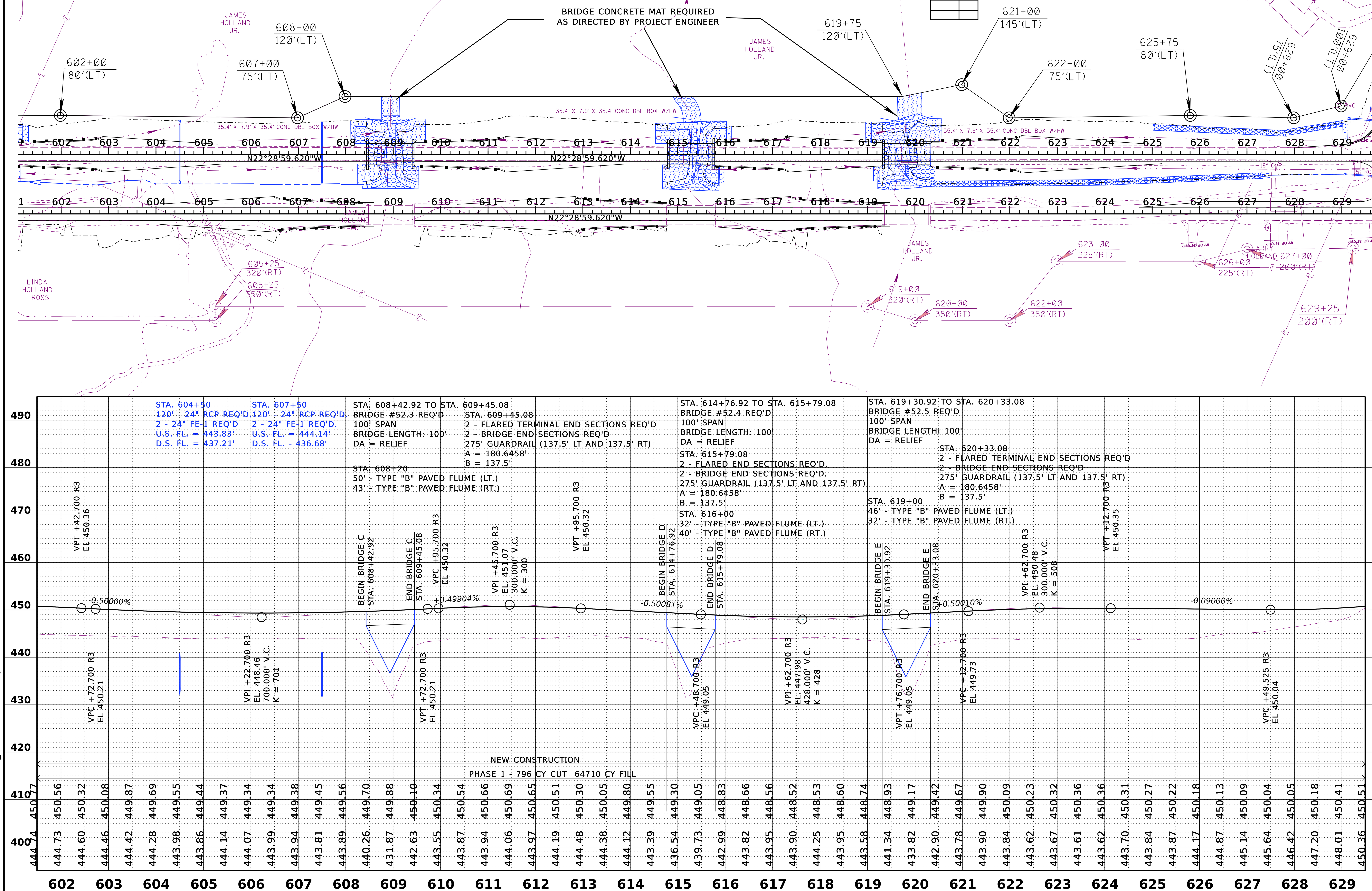
ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		800
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		27
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		108

PHASE 1		
EARTHWORK TOTAL THIS SHEET		
Cut	796	Cu.Yds
Fill	64710	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

BRIDGE CONCRETE MAT

REVISIONS			
	DATE	BY	
1	2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.



PLAN-PROFILE SHEET

2/13/2025 10:53:27 PM WK_SH-SR19-ALI-LT-3.dgn

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
14058
STATE OF MISSISSIPPI
02/14/2025

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/01/2024

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

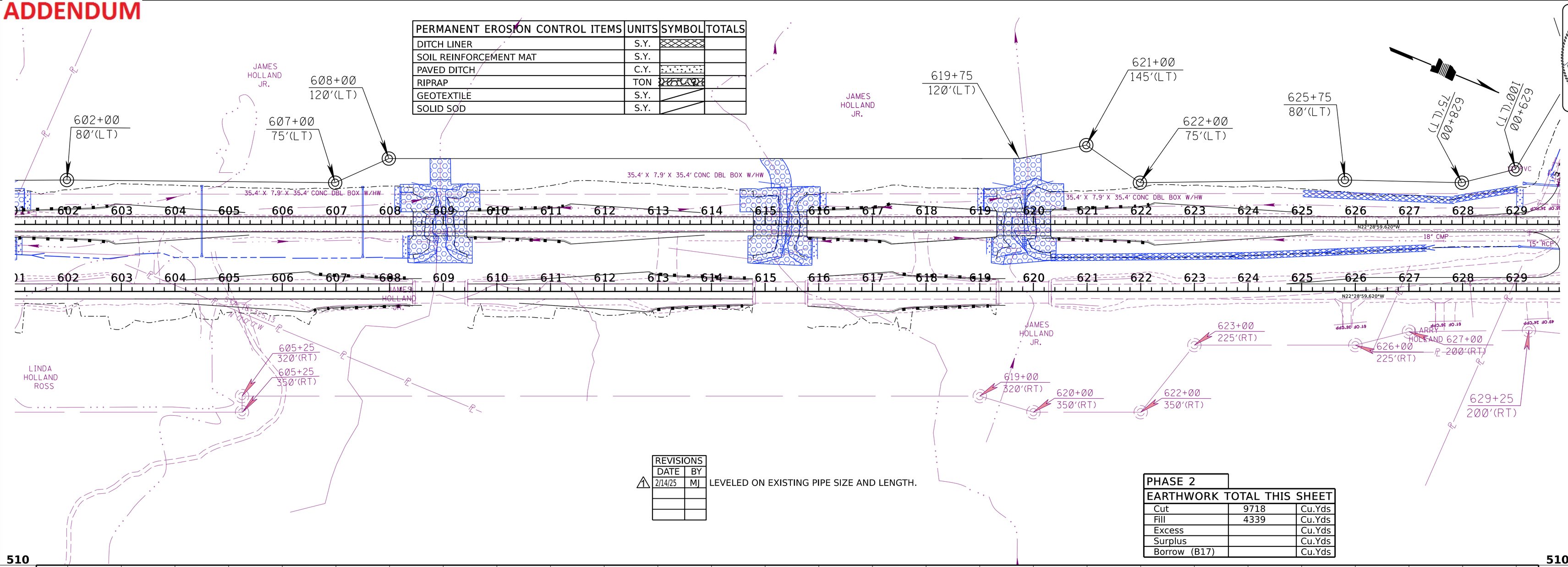
SR19 SB STA. 601+50 TO STA. 629+50

SHEET ID **15LT**

SHEET NO. **90**

ADDENDUM

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		



REVISIONS		
	DATE	BY
1	2/14/25	MJ

1 LEVELED ON EXISTING PIPE SIZE AND LENGTH.

PHASE 2		
EARTHWORK TOTAL THIS SHEET		
Cut	9718	Cu.Yds
Fill	4339	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

GREGORY S. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
ENGINEER
02/14/2025
14058
STATE OF MISSISSIPPI

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/17/2024

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

SR19 NB STA. 601+50 TO STA. 629+50

WK. NO. **15RT**

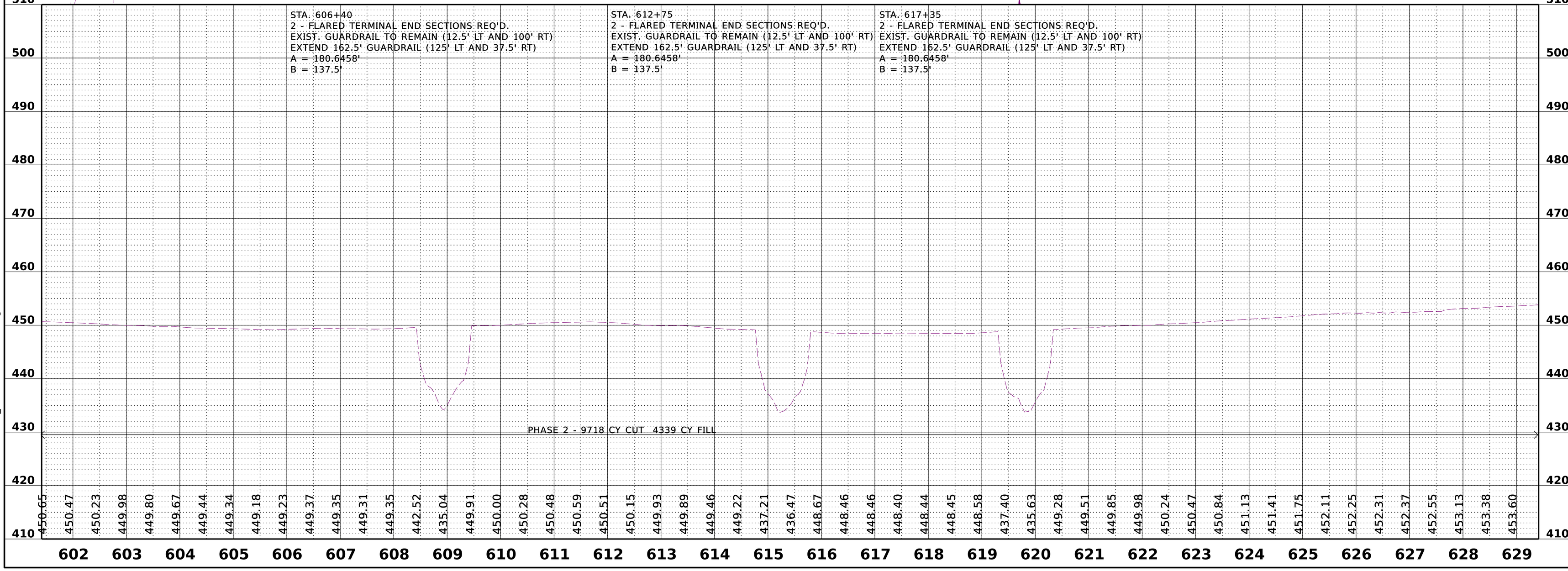
SHEET NO. **91**

PLAN-PROFILE SHEET
WK_SH-SR19-ALI-RT-2.dgn
10:35:49 PM
DATE

STA. 606+40
2 - FLARED TERMINAL END SECTIONS REQ'D.
EXIST. GUARDRAIL TO REMAIN (12.5' LT AND 100' RT)
EXTEND 162.5' GUARDRAIL (125' LT AND 37.5' RT)
A = 180.6458'
B = 137.5'

STA. 612+75
2 - FLARED TERMINAL END SECTIONS REQ'D.
EXIST. GUARDRAIL TO REMAIN (12.5' LT AND 100' RT)
EXTEND 162.5' GUARDRAIL (125' LT AND 37.5' RT)
A = 180.6458'
B = 137.5'

STA. 617+35
2 - FLARED TERMINAL END SECTIONS REQ'D.
EXIST. GUARDRAIL TO REMAIN (12.5' LT AND 100' RT)
EXTEND 162.5' GUARDRAIL (125' LT AND 37.5' RT)
A = 180.6458'
B = 137.5'



ADDENDUM

PHASE 1 EARTHWORK TOTAL THIS SHEET		
Cut	5809	Cu.Yds
Fill	874	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow (B17)		Cu.Yds

VPI +49.525 R3
EL. 449.86
400.000' V.C.
K = 223

VPT +49.525 R3
EL 453.26

STA. 629+00
X-OVER REQ.D

384' : 24" RCP REQ'D.
2 - 24" FE-1 REQ.D

+1.70000%

VPC +87.500 R3
EL 455.61

VPI +50.000 R3
EL. 460.07
525.000' V.C.
K = 432

VPT +12.500 R3
EL 461.34

+0.16501%

VPC +74.565 R3
EL 461.97

VPI +14.782 R3
EL. 461.84
80.435' V.C.

VPT +55.017 R3
EL 462.02

E.O.P
STA. 641+55

NEW CONSTRUCTION

PHASE 1 - 5809 CY. CUT - 874 CY. FILL

REVISIONS		
DATE	BY	
2/14/25	MJ	LEVELED ON EXISTING PIPE SIZE AND LENGTH.

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		333
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		

CURVE H019RT-2
Δ = 20°06'06.270" (RT)
D = 0°45'05.199"
L = 2675.081'
T = 1351.431'
R = 7624.755'
BK N22°28'59.620"W
AH N42°35'05.890"W
PC 634+69.697
PT 661+00.923

CURVE H019LT-3
Δ = 20°06'06.270" (LT)
D = 0°45'50.287"
L = 2631.226'
T = 1329.276'
R = 7499.755'
BK N22°28'59.620"W
AH N42°35'05.890"W
PC 634+69.697
PT 661+00.923

CHOTAW INDIAN RESERVATION

HOLY ROSARY CATHOLIC CHURCH

ELLAN ELMORE

ANNIE RUTH COVINGTON

POND

SHEET NO. 94	SHEET ID 16LT	SR19 SB STA. 629+50 TO EOP

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH
DETAILED BY: HU
CHECKED BY: MJ
DATE: 07/01/2024

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

STATE OF MISSISSIPPI
GREGORY S. MILLIAMS
LICENSED PROFESSIONAL ENGINEER
14058
02/14/2025

DATE 10:53:51 PM WK_SH-SR19-ALI-RT-2.dgn PLAN-PROFILE SHEET

ADDENDUM

REVISIONS		
DATE	BY	
2/14/25	MJ	1

LEVELED ON EXISTING PIPE SIZE AND LENGTH.

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINFORCEMENT MAT	S.Y.		
PAVED DITCH	C.Y.		
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		

CURVE H019RT-2
Δ = 20°06'06.270" (LT)
D = 0°45'5.199"
L = 2675.081'
T = 1351.431'
R = 7624.755'
BK N22°28'59.620"W
AH N42°35'05.890"W
PC 634+69.697
PT 661+00.923

CURVE
Δ = 20°06'06.2700" (LT)
D = 00°45'50.2816"
L = 2631.2260sf
T = 1329.2761sf
R = 7499.7553sf
BK N22°28'59.6200"W
AH N42°35'05.8900"W
PC 634+69.6974
PT 661+00.9233

CURVE
Δ = 20°06'06.2699" (LT)
D = 00°45'05.1937"
L = 2675.0811sf
T = 1351.4313sf
R = 7624.7550sf
BK N22°28'59.6198"W
AH N42°35'05.8897"W
PC 634+69.6970 R2
PT 661+44.7781 R2

CURVE H019LT-3
Δ = 20°06'06.270" (LT)
D = 0°45'50.287"
L = 2631.226'
T = 1329.276'
R = 7499.755'
BK N22°28'59.620"W
AH N42°35'05.890"W
PC 634+69.697
PT 661+00.923

SR19 NB STA. 629+50 TO EOP

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: GRESHAM SMITH

DETAILED BY: HU

CHECKED BY: MJ

DATE: 07/17/2024

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GREGORY S. WILLIAMS STATE OF MISSISSIPPI LICENSED PROFESSIONAL ENGINEER 14058 02/14/2025

WK. NO. 16RT

SHEET NO. 95

ADDENDUM

BRIDGE DIVISION

REVISIONS

	DATE	SHEET NO.	DESCRIPTION	BY
1	9/5/2024	8003, 8007, 8009-8011, 8017, 8020-8022, 8031, 8033-8036, 8038-8041, 8043-8045	REMOVED BARS F NOTES AND DETAILS BRIDGES A-E	JDK
1	9/5/2024	8004-8006	UPDATED REINFORCEMENT QUANTITY BRIDGES A-E	BJJ
1	2/26/2025	8014, 8019, 8028	REVISED PLAN NOTES	JDK
1	2/26/2025	8006	ADDED PAY ITEM, UPDATED QUANTITIES	BJJ
1	2/26/2025	8065, 8088	PLAN NOTE REVISED	CJR
2	2/26/2025	8004	ADDED PAY ITEM, UPDATED QUANTITIES	BJJ
2	2/26/2025	8017	REVISED STEEL PIPE PILE NOTES	JDK

SHEET NO. **8003**

WK. NO. **PRS-1**

PLAN REVISIONS

DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.
DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

DESIGNED BY: LON BURT

DETAILED BY: LON BURT

CHECKED BY: ALEX HAWKINS

DATE: 2024-11-26

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ADDENDUM

SUMMARY OF QUANTITIES

PAY ITEM NO.	PAY ITEM	UNIT	QUANTITIES		
	Bridge Summary		PRELIMINARY	FINAL	
501-K001	Transverse Grooving	SY	7,176		
907-803-B001	Conventional Static Pile Load Test	EA	9		
803-C003	16" x 16" Prestressed Concrete Piling	LF	6,390		
907-803-I002	PDA Test Pile, Concrete Pile	EA	5		
907-803-I004	PDA Test Pile, Steel Pipe Pile	EA	5		
907-803-J001	Pile Restrike	EA	10		
803-P001	24" Steel Pipe Piling, Wall Thickness 0.500"	LF	4,590		
803-P003	30" Steel Pipe Piling, Wall Thickness 0.500"	LF	845		
803-P008	20" Steel Pipe Piling, Wall Thickness 0.500"	LF	5,375		
907-804-A001	Bridge Concrete, Class BDX	CY	2,176		
907-804-A002	Bridge Concrete, Class AA	CY	927		
804-C192	100' Prestressed Concrete Beam, Type FIB-36	LF	4,183		
804-C193	120' Prestressed Concrete Beam, Type FIB-45	LF	4,186		
804-C199	70' Prestressed Concrete Beam, Type FIB-36	LF	1,945		
804-C208	60' Prestressed Concrete Beam, Type FIB-36	LF	1,665		
805-A001	Reinforcement	LBS	653,640		1
805-C001	Reinforcement, Corrosion Resistant	LBS	19,614		
813-A002	Concrete Railing, 32"	LF	3,480		
815-A007	Loose Riprap, Size 300	TON	20,001		
815-A009	Loose Riprap, Size 500	TON	3,001		
815-E001	Geotextile under Riprap	SY	19,800		
907-823-A001	Preformed Joint Seal, Type I	LF	696		2
907-823-A002	Preformed Joint Seal, Type II	LF	81		2
907-832-PP004	Bridge Concrete Mat	SY	8,762		

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: *Barbara Jones, PE*
DETAILED BY:
CHECKED BY:
DATE: *2024-11-26*

FMS CON: */101649-301000*
PROJECT NO.: *STP-0026-01(072)*
COUNTY: *NESHOBA*

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
(BRIDGE ITEMS)

WK. NO. *SQ-BR-1*
SHEET NO. *8004*

ADDENDUM

Bridge	Beginning Station	Spans-Size	Overall Length	Item	120 Ft. Prestressed Concrete Beam, Type FIB-45	70 Ft. Prestressed Concrete Beam, Type FIB-36	60 Ft. Prestressed Concrete Beam, Type FIB-36	Reinforcement	Reinforcement, Corrosion Resistant	Concrete Railing, 32"	Loose Riprap, Size 300	Loose Riprap, Size 500	Geotextile under Riprap	Preformed Joint Seal, Type I	⚠1 Preformed Joint Seal, Type II	Bridge Concrete Mat
					LF	LF	LF	LBS	LBS	LF	TON	TON	SY	LF	LF	SY
AL	591+81.92 Lt. Ln.	1 @ 102	102'-2"	Spans				26,026		204.33				81.0		2070.0
				End Bents				10,516					2381.0			
				Int. Bents												
				Totals				36,542		204.33			2381.0	81.0		2070.0
BL	597+33.92 Lt. Ln.	121-120-121	362'-2"	Spans	2513.00			90,458		724.33						
				End Bents				10,670					886.0		81.0	770.0
				Int. Bents				4,700	3,174							
				Totals	2513.00			105,828	3,174	724.33			886.0		81.0	770.0
CL	608+42.92 Lt. Ln.	1 @ 102	102'-2"	Spans				26,026		204.33				81.0		
				End Bents				10,516					1265.0			1964.0
				Int. Bents												
				Totals				36,542		204.33			1265.0	81.0		1964.0
DL	614+76.92 Lt. Ln.	1 @ 102	102'-2"	Spans				26,026		204.33				81.0		
				End Bents				10,516					2362.0			2054.0
				Int. Bents												
				Totals				36,542		204.33			2362.0	81.0		2054.0
EL	619+30.92 Lt. Ln.	1 @ 102	102'-2"	Spans				26,026		204.33				81.0		
				End Bents				10,516					2190.0			1904.0
				Int. Bents												
				Totals				36,542		204.33			2190.0	81.0		1904.0
FL	441+28.75 Lt. Ln.	71-100-71	242'-6"	Spans		972.42		79,290	4,110	485.00				98.1		
				End Bents				12,780			3245.0		445.0			
				Int. Bents				7,630			1175.0	3001.0	2650.0			
				Totals		972.42		99,700	4,110	485.00	4420.0	3001.0	3095.0	98.1		
FR	442+08.75 Rt. Ln.	71-100-71	242'-6"	Spans		972.42		79,290	4,110	485.00				98.1		
				End Bents				12,780			3185.0		460.0			
				Int. Bents				7,630			1680.0		1065.0			
				Totals		972.42		99,700	4,110	485.00	4865.0		1525.0	98.1		
GL	554+28.92 Lt. Ln.	61-120-61	242'-2"	Spans	836.50		832.49	79,436	4,110	484.33				88.0		
				End Bents				12,246			3082.0		1960.0			
				Int. Bents				9,440			2276.0		1088.0			
				Totals	836.50		832.49	101,122	4,110	484.33	5358.0		3048.0	88.0		
GR	553+68.92 Rt. Ln.	61-120-61	242'-2"	Spans	836.50		832.49	79,436	4,110	484.33				88.0		
				End Bents				12,246			3082.0		1960.0			
				Int. Bents				9,440			2276.0		1088.0			
				Totals	836.50		832.49	101,122	4,110	484.33	5358.0		3048.0	88.0		
				Project Totals	**4186.00**	**1944.83**	**1664.98**	**653,640**	**19,614**	**3480.33**	**20001.0**	**3001.0**	**19800.0**	**696.3**	**81.0**	**8762.0**

PLAN SHEET

2/25/2025 10:38:11 AM Summary of Quantities.dgn

DEPARTMENT OF TRANSPORTATION MISSISSIPPI

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: BARBARA JONES, PE

DETAILED BY: ####

CHECKED BY: ####

DATE: 2024-11-26

FMS CON: 101649/301000

PROJECT NO.: STP-0026-01(072)

COUNTY: NESHOBA

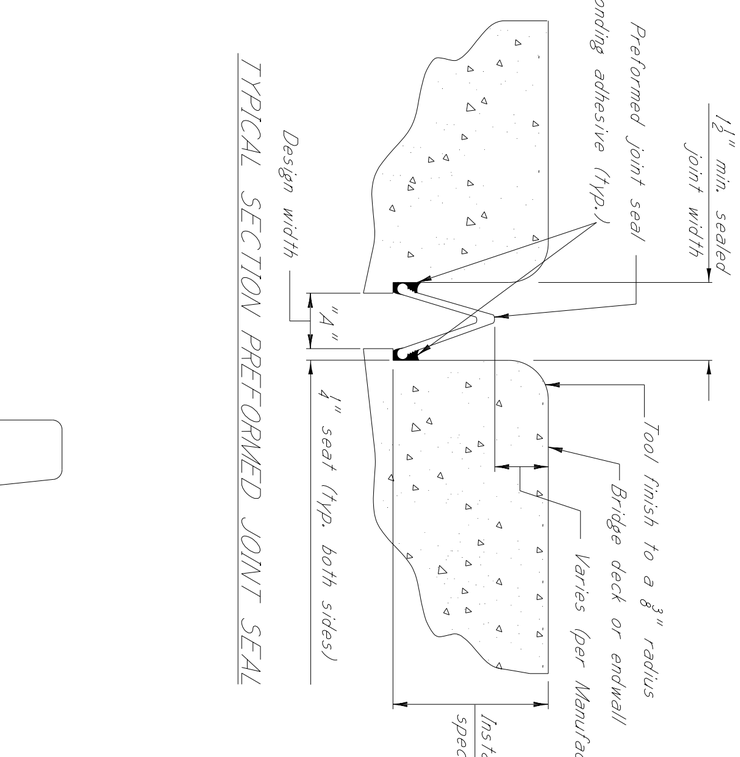
ESTIMATED QUANTITIES (BRIDGE ITEMS)

DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.
DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.

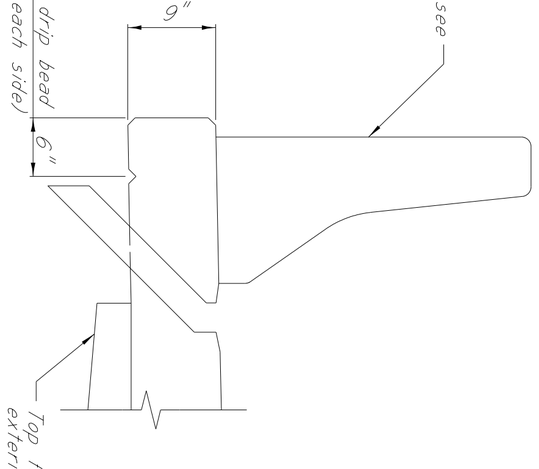
WK. NO. **EQ-BR-2**

SHEET NO. **8006**

ADDENDUM



TYPICAL SECTION PREFORMED JOINT SEAL



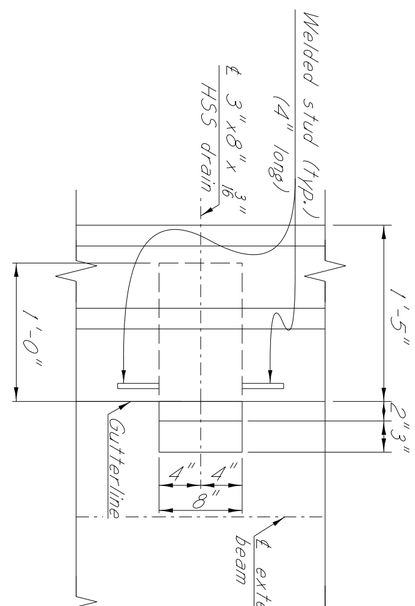
DRIP BEAD DETAIL

NOTES:

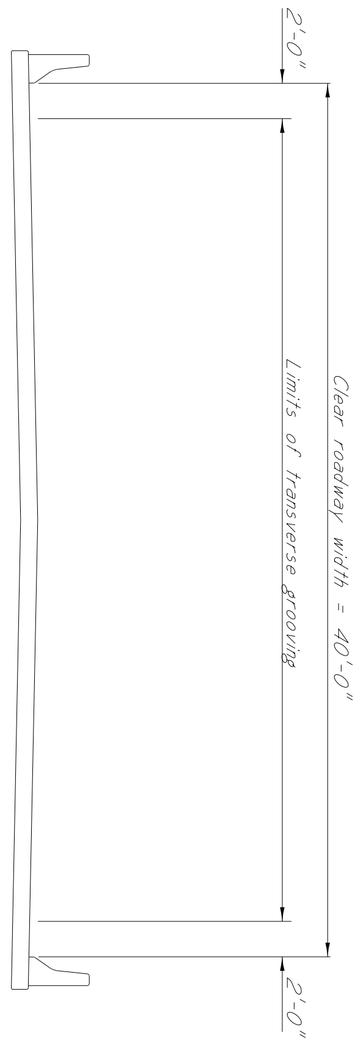
1. Joint installation and sealing on newly constructed bridge decks shall be paid for in linear feet at the contract unit price along the length of the centerline of the joint under the appropriate Pay Item 907-823-A002 (for Type I) or Pay Item 907-823-A002 (for Type II).
2. The preformed joint seal shall be one of the following, installed according to the Manufacturer's specifications:
   - A. Silicoflex Joint Sealing System, manufactured by R.J. Watson, Inc www.rjwatson.com
   - B. Wabo SPS Joint System manufactured by Watson Bowman Acme Corporation www.wbacorp.com
   - C. Silspec 555 Silicone Strip Seal manufactured by SSI Commercial & Highway Construction Materials www.ssicm.com
3. For estimating purposes, The RJ Watson Silicoflex Joint Sealing System was selected. However, should another supplier be chosen, it is the Contractor's responsibility to ensure that the Manufacturer's recommendations are followed for joint preparation, installation depths and widths, adhesive setting times, and any other variances between the specifications provided by the Manufacturers. A Manufacturer representative shall be present at the time joint sealing begins to ensure that the Contractor is properly schooled in installation of the joint material. All open joints shall be sealed at their design widths, dimension "A", as indicated on the end bent and span details.
4. Dimension "A" is defined as the design width of the joint opening, which does not account for the 1/4" seat required on both sides of the joint. Preformed Joint Seal, Type II, Type I, shall be used for design widths less than 2". Preformed Joint Seal, Type II, shall be used for design widths greater than or equal to 2", with "the maximum design width being 2", another type of expansion material shall be required as directed by the Director of Structures, State Bridge Engineer.
5. Joints in newly constructed bridge decks shall be protected from damage until accepted for maintenance by the State. Damaged joints shall be repaired at no additional cost to the State.

SECTION W-W

DETAIL "D"



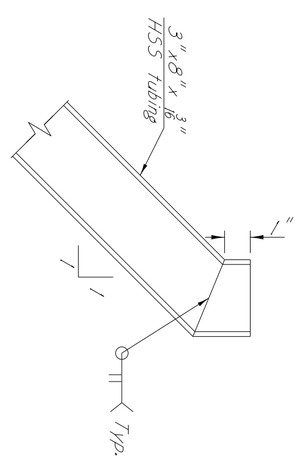
PLAN



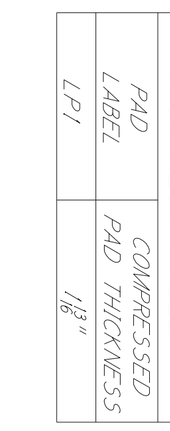
LIMITS OF TRANSVERSE GROOVING

PRE FABRICATED DRAIN HOLE DETAILS

Use where shown on the Span Detail sheet.

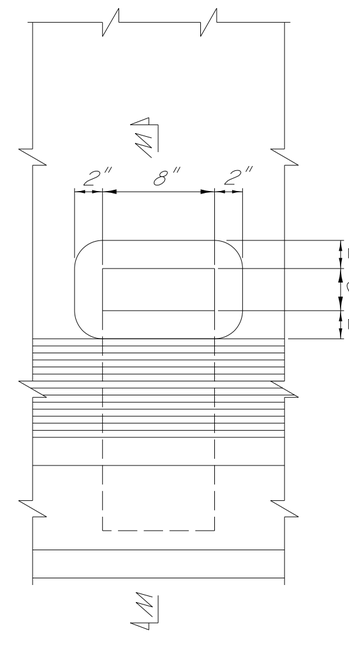


PRE-FABRICATED DRAIN DETAILS



ELEVATION AT END OF SPAN

NEOPRENE PAD THICKNESS TABLE	
PAD LABEL	COMPRESSED PAD THICKNESS
LP1	1 3/16"



CROWN DETAILS

DEFLECTION DIAGRAM

NOTE: For values of A, B & C, see Beam Detail sheets.

A = total recommended allowance for deflection.
B = estimated deflection due to dead load of slab & rail.
C = A-B = net initial camber in riding surface, which includes an allowance or creep.

NOTE: The Girder Deflection Diagrams shown in these plans were prepared and intended for design and estimation purposes only. Actual bridge girder deflections may differ from the deflection diagrams shown in these plans. It is the Contractor's responsibility to construct the bridge to meet the requirements of the plans and specifications including, but not limited to, the requirements for bridge deck smoothness. Prior to formwork construction, the Contractor shall submit three (3) copies of a proposed BRIDGE SUPERSTRUCTURE CONSTRUCTION PLAN to the Director of Structures, State Bridge Engineer for review, through The Project Engineer. This submittal shall include all calculations, assumptions and parameters used by the Contractor to determine bridge girder deflections and form grade elevations. This submittal shall also include an erection and construction procedure that addresses the construction means and methodologies used by the Contractor and shall consider effects including, but not limited to, construction phasing, pouring schedules, applied permanent and construction loading, and shall include calculations and details of temporary girder bracing systems used to ensure girder stability and to counter the effects of girder tilt. After girder erection and prior to deck construction, the Contractor shall submit deck thickness verification calculations and any proposed remediation measures to correct for thin deck areas shall be submitted to the Director of Structures, State Bridge Engineer for review, through the Project Engineer. The BRIDGE SUPERSTRUCTURE CONSTRUCTION PLAN and the deck thickness verification calculations shall be prepared and stamped by a Mississippi Registered Professional Engineer.

GENERAL NOTES:

All concrete in span shall be class "BDX" unless otherwise noted.
All concrete in railings shall be class "AA".
Chamfer all edges 3/4", unless otherwise noted.
See Layout sheet for finishing of concrete surfaces.
Placing dimensions for reinforcing steel to concrete surfaces are clear distances.
To determine the dimension from finish grade to cap, the assumption is made that the compressed thickness of the neoprene pad is as shown in Table, and that the orginal camber of the beams will be within the limits shown on the Beam Detail sheets. The Director of Structures, State Bridge Engineer shall be notified if the cambers are not within these limits.

BRIDGE AT STA. 591+81.92 RT.LN.
BRIDGE AT STA. 591+81.92 LT.LN.
MISCELLANEOUS SPAN DETAILS

DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.
DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

DESIGNED BY: LON BURT
DETAILED BY: LON BURT
CHECKED BY: ALEX HAWKINS
DATE: 2024-11-26

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

WK. NO. **A8 OF A10**
SHEET NO. **8014**

ADDENDUM

GENERAL NOTES:

Specifications: Mississippi Standard Specifications for Road and Bridge Construction, 2017.

No change of plans will be permitted except by written approval of the Director of Structures, State Bridge Engineer. Minor changes in detail of design or construction procedure may be authorized by the Director of Structures, State Bridge Engineer provided such changes will not be cause for contract price adjustment.

The final surface texture of the bridge deck shall be mechanically transverse grooved in accordance with Sections 501 and 804 of the specifications. See Misc. Span Details for limits of transverse grooving on bridge deck.

Bridge concrete shall be class "AA" or Class "BDX" as indicated in plans.

Railing expansion joint material shall be bituminous fiber type unless otherwise noted.

No payment will be allowed for excavation incidental to the construction of end bents.

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.

Shop drawings of prestressed beams, including an erection plan, shall be submitted in duplicate to the Director of Structures, State Bridge Engineer for approval prior to the manufacture of beams.

The Fabricator shall provide camber data at release and immediately prior to shipping.

Concrete surfaces shall receive a Class 2 rubbed or spray finish in accordance with 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.

All holes or voids formed in a beam for tie down, bracing, etc. shall be cleaned and filled with an approved non-shrink grout as the final phase of the bridge replacement project.

CONCRETE PILE NOTES:

Test piles shall be driven as permanent piles at the location shown in the PDA TEST PILE SCHEDULE and will be paid for as test piles only.

The Director of Structures, State Bridge Engineer may authorize test piles driven outside the structural limits.

Test piles shall be driven as a continuous operation, to the bearing capacity and the tip elevations shown in the PDA TEST PILE SCHEDULE, unless otherwise directed by the Director of Structures, State Bridge Engineer.

Permanent piles shall be driven to an elevation no higher than the elevation shown in the REQUIRED ULTIMATE PILE BEARING CAPACITY AND TIP ELEVATION SCHEDULE.

The tip elevation of piling, for hydraulic structures, may be determined by the scour line.

When feasible, bearing piles shall be driven full length and be spliced, only, as approved by the Director of Structures, State Bridge Engineer.

When loading tests are required, the maximum test load shall be one and one half (1½) times the minimum pile bearing capacity.

All piles shall be prestressed type per details on sheet no. CP-1.

Prestressed concrete piling shall not be driven until the concrete has reached a minimum compressive strength of 5,000 psi and is at least 7 days old.

PDA test piles shall require a 1 day restrike unless otherwise directed by the Engineer.

Pile lengths and driving criteria shall be provided based on the results of the PDA test piles.

The required ultimate pile bearing shown in the REQUIRED ULTIMATE PILE BEARING AND TIP ELEVATION SCHEDULE includes the LRFD resistance factor for PDA of 0.65.

Pile hammer leads used for all PDA test piles and PDA restrikes shall be large enough to provide a minimum of 3" of clearance on each side of the pile in order to properly place and protect PDA gages.

Prestressed concrete piles shall be driven with a maximum rated energy no less than 58,000 ft-lbs, but no greater than 75,500 ft-lbs to the tip elevations specified unless the Contractor's drivability analysis utilizing the Contractor's selected alternative hammer is approved by the Director's of Structures, State Bridge Engineer.

NOTE:

The girder deflection diagrams shown in these plans were prepared and intended for design and estimation purposes only. Actual bridge girder deflections may differ from the deflection diagrams shown in these plans.

It is the Contractor's responsibility to construct the bridge to meet the requirements of the plans and specifications including, but not limited to, the requirements for bridge deck smoothness.

Prior to formwork construction, the Contractor shall submit three (3) copies of a proposed BRIDGE SUPERSTRUCTURE CONSTRUCTION PLAN to the Director of Structures, State Bridge Engineer for review, through the Project Engineer. This submittal shall include all calculations, assumptions and parameters used by the Contractor to determine bridge girder deflections and form grade elevations. This submittal shall also include an erection and construction procedure that addresses the construction means and methodologies used by the Contractor and shall consider effects including, but not limited to, construction phasing, pouring schedules, applied permanent and construction loading, and shall include calculations and 4 details of temporary girder bracing systems used to ensure girder stability and to counter the effects of girder tilt.

After girder erection and prior to deck construction, the Contractor shall submit deck thickness verification calculations for each girder. These calculations shall include a comparison of the erected girder top flange profiles versus the plan deck grade elevations over each girder plus the anticipated girder deflection due to applied permanent dead load and creep.

Three (3) copies of the deck thickness verification calculations and any proposed remediation measures to correct for thin deck areas shall be submitted to the Director of Structures, State Bridge Engineer for review, through the Project Engineer.

The BRIDGE SUPERSTRUCTURE CONSTRUCTION PLAN and the deck thickness verification calculations shall be prepared and stamped by a Mississippi Registered Professional Engineer.

⚠2 STEEL PIPE PILE NOTES:

PDA test piles shall be driven with an approved impact hammer as a production pile at the location shown in the PDA TEST PILE SCHEDULE and will be paid for as test piles only.

Test piles shall be driven as a continuous operation, to the tip elevation shown in the PDA TEST PILE SCHEDULE, unless otherwise directed by the Director of Structures, State Bridge Engineer.

Permanent piles shall be driven to an elevation no higher than the elevation shown in the REQUIRED ULTIMATE PILE BEARING CAPACITY AND TIP ELEVATION SCHEDULE.

The Director of Structures, State Bridge Engineer may authorize test piles driven outside the structural limits.

When feasible, bearing piles shall be driven full length and be spliced, only, as approved by the Director of Structures, State Bridge Engineer.

Welding shall be done by the ELECTRIC ARC process. Welders shall be certified and electrodes shall be approved.

When loading tests are required, the maximum test load shall be one and one half (1½) times the minimum pile bearing capacity.

PDA test piles shall require a 1 day restrike unless otherwise directed by the Engineer.

Pile lengths and driving criteria shall be provided based on the results of the PDA test piles.

The required ultimate pile bearing shown in the REQUIRED ULTIMATE PILE BEARING CAPACITY AND TIP ELEVATION SCHEDULE includes the LRFD resistance factor for PDA of 0.65.

Pile hammer leads used for all PDA test piles and PDA restrikes shall be large enough to provide a minimum of 3" clearance on each side of the pile in order to properly place and protect PDA gages.

Steel pipe piles shall be driven with a maximum rated energy no less than 78,000 ft-lbs, to the tip elevations specified unless the Contractor's drivability analysis utilizing the Contractor's selected alternative hammer is approved by the Director's of Structures, State Bridge Engineer.

All Steel Pipe Piles shall be ASTM A252, Grade 3 (Mod), Fy=50,000 psi.

Steel Pipe Piles are intended to be open ended.

Welding shall comply with ANSI/AWS D1.5 Bridge Welding Code and be performed by a certified welder.

The tip elevation of piling, for hydraulic structures, may be determined by scour line but under no circumstances shall be greater than the minimum tip elevation shown in the REQUIRED ULTIMATE PILE BEARING CAPACITY.

Pipe piles shall receive a protective coating beginning at the bottom of the cap and extending to the 100 yr. scour elevation as shown on the Layout Sheet. The coating shall be one of the following, applied according to the manufacturer's specifications in two coats of 16mil minimum dry film thickness:

a) Bitumastic 300-M Coal Tar Epoxy
manufactured by Carboline Company in St. Louis, MO
www.carboline.com

b) Corotech Coal Tar Epoxy
manufactured by INSL-X Company in Montvale, NJ
www.carotechcoatings.com

c) Series 46-143 TNEMEC-Tar
manufactured by TNEMEC Co Inc in Kansas City, MO
www.tnemec.com

Any areas of coating above the ground line that become damaged during shipping or driving shall be repaired per the manufacturer's specifications. Any areas of coating affected by pipe pile splicing shall be repaired per the manufacture's specification. Protective coating, including surface preparation and application, will be paid for as Steel Pipe Piling, (not a separate pay item).

500 YEAR SCOUR ELEVATION

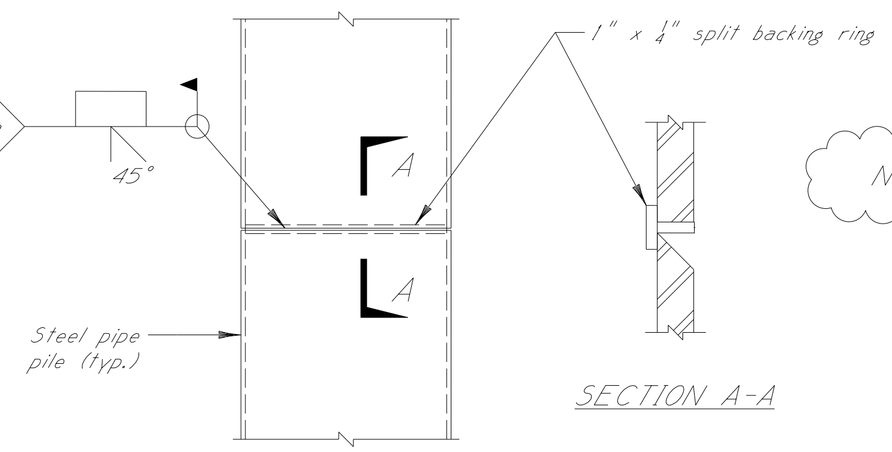
Bent No.	Elevation
1L/1R	426.0
2L/2R	400.0
3L/3R	400.0
4L/4R	426.0

TEST PILE SCHEDULE

Bent No.	Min. Lgth.-Ft.	Tip Elevation
2L	105	340.5
2R	105	340.5
4L	60	384.8
4R	60	384.8

REQUIRED ULTIMATE PILE BEARING CAPACITY AND TIP ELEVATION SCHEDULE

Bent No.	Pile type	Req'd Bearing (Tons)	Pile Size	Estimated Length (ft.)	Min Tip Elevation
1L	Concrete	124	16"x16"	35	406.0
2L	Steel Pipe	368	30"ϕ, ½" wall thickness	65	380.0
3L	Steel Pipe	368	30"ϕ, ½" wall thickness	65	380.0
4L	Concrete	124	16"x16"	35	406.0
1R	Concrete	124	16"x16"	50	406.0
2R	Steel Pipe	368	30"ϕ, ½" wall thickness	85	380.0
3R	Steel Pipe	368	30"ϕ, ½" wall thickness	85	380.0
4R	Concrete	124	16"x16"	50	406.0



SECTION A-A

PIPE PILE SPLICING DETAIL
30"ϕ steel pipe piles

NOTE: Build Left Lane only this project

ESTIMATED QUANTITIES - LEFT LANE

Item / Location	Transverse Grooving S.Y.	Conventional Static Loading Test Each	16"x16" Prestressed Concrete Piling L.F.	30"ϕ Steel Pipe Pile, ½" Wall Thk. L.F.	PDA Test Pile, Conc. Pile Each	PDA Test Pile, Steel Pipe Each	Pile Restrike Each	Class AA Bridge Concrete C.Y.	Class BDX Bridge Concrete C.Y.	120 Ft. Prest. Conc. Beam FIB-45 L.F.	Reinforcement LBS.	Corrosion Resistant Reinforcement (CRR) LBS.	Concrete Railing L.F.	Bridge Concrete Mat S.Y.	Geotextile Under Riprap S.Y.	Preformed Joint Seal L.F.
Spans	1,449								429.68	2,513.0	90,458	3,174	724.33			81
End Bents		1	1,225		1		1	77.18			10,670			770	886	
Int. Bents				845		1	1	43.21			4,700					
Total	1,449	1	1,225	845	1	1	2	120.39	429.68	2,513.0	105,828	3,174	724.33	770	886	81

⚠1

ESTIMATED QUANTITIES - RIGHT LANE

Item / Location	Transverse Grooving S.Y.	Conventional Static Loading Test Each	16"x16" Prestressed Concrete Piling L.F.	30"ϕ Steel Pipe Pile, ½" Wall Thk. L.F.	PDA Test Pile, Conc. Pile Each	PDA Test Pile, Steel Pipe Each	Pile Restrike Each	Class AA Bridge Concrete C.Y.	Class BDX Bridge Concrete C.Y.	120 Ft. Prest. Conc. Beam FIB-45 L.F.	Reinforcement LBS.	Corrosion Resistant Reinforcement (CRR) LBS.	Concrete Railing L.F.	Bridge Concrete Mat S.Y.	Geotextile Under Riprap S.Y.
Spans	1,449								451.10	2,513.0	90,511	3,102	724.33		
End Bents		1	1,750		1		1	77.18			11,044			911	911
Int. Bents				1,105		1	1	43.21			5,102				
Total	1,449	1	1,750	1,105	1	1	2	120.39	451.10	2,513.0	106,657	3,102	724.33	911	911

BRIDGE CONCRETE MAT NOTES:

1. Bridge concrete mat shall be used for erosion and scour prevention for the slopes and locations shown in the plans. Bridge concrete mats shall be one of the following:

a. ARMORFLEX
Contech Engineering Solutions
9025 Centre Pointe Drive
West Chester, OH 45069
Phone: 513-645-7000
www.conteches.com/products/erosion-control/hard-armour/armorflex

b. SHOREBLOCK BD
Shoretec, LLC
5102 Galveston Road
Houston, TX 77017
Phone: 713-641-2727
www.shoretec.com/shoreblock-bd.php

c. CABLE CONCRETE
International Erosion Control System, Inc.
222295 Hoskins Line
Rodney, Ontario
Canada, NOL 2C0
Phone: 800-821-7462
www.iecs.com/cable-concrete/

2. The mat shall be visually inspected and approved by the Project Engineer prior to use. Once approved by the Engineer, the mat mat be incorporated into the work.
3. Bridge concrete mats shall be installed in accordance with the plans and manufacturer's guidelines including any underlayment. The anchor system shall be sufficient to anchor the mat to the ground surface. The installation area shall be graded to a smooth, level surface to avoid water concentration and to create an appropriate base for the concrete mat. Seed and fertilizer shall be placed on the prepared surface prior to the installation of the Bridge concrete mat.
4. Bridge concrete mat installed directly under the bridge deck shall be open cell filled with crushed limestone for ease during future bridge inspection.
5. A representative from the Bridge concrete mat manufacturer shall be present for sufficient time to ensure the Contractor is properly schooled in the installation.
6. Bridge concrete mat will be paid for at the contract unit price per square yard, which price shall be full compensation for all labor, materials, tools, equipment, underlayment, anchor system, concrete and all incidentals necessary to complete the work.
7. Geotextile under bridge concrete mat shall be in accordance with Section 815 of the standard specifications and shall be paid for under Pay Item No. 815-E001, Geotextile Under Riprap, Per SY.

DEPARTMENT OF TRANSPORTATION · MISSISSIPPI

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: LON BURT
DETAILED BY: LON BURT
CHECKED BY: ALEX HAWKINS
DATE: 2024-11-26

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

BRIDGE AT STA. 597+29.92 RT.LN.
BRIDGE AT STA. 597+33.92 LT.LN.
GENERAL NOTES & ESTIMATED QUANTITIES

DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.
DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.

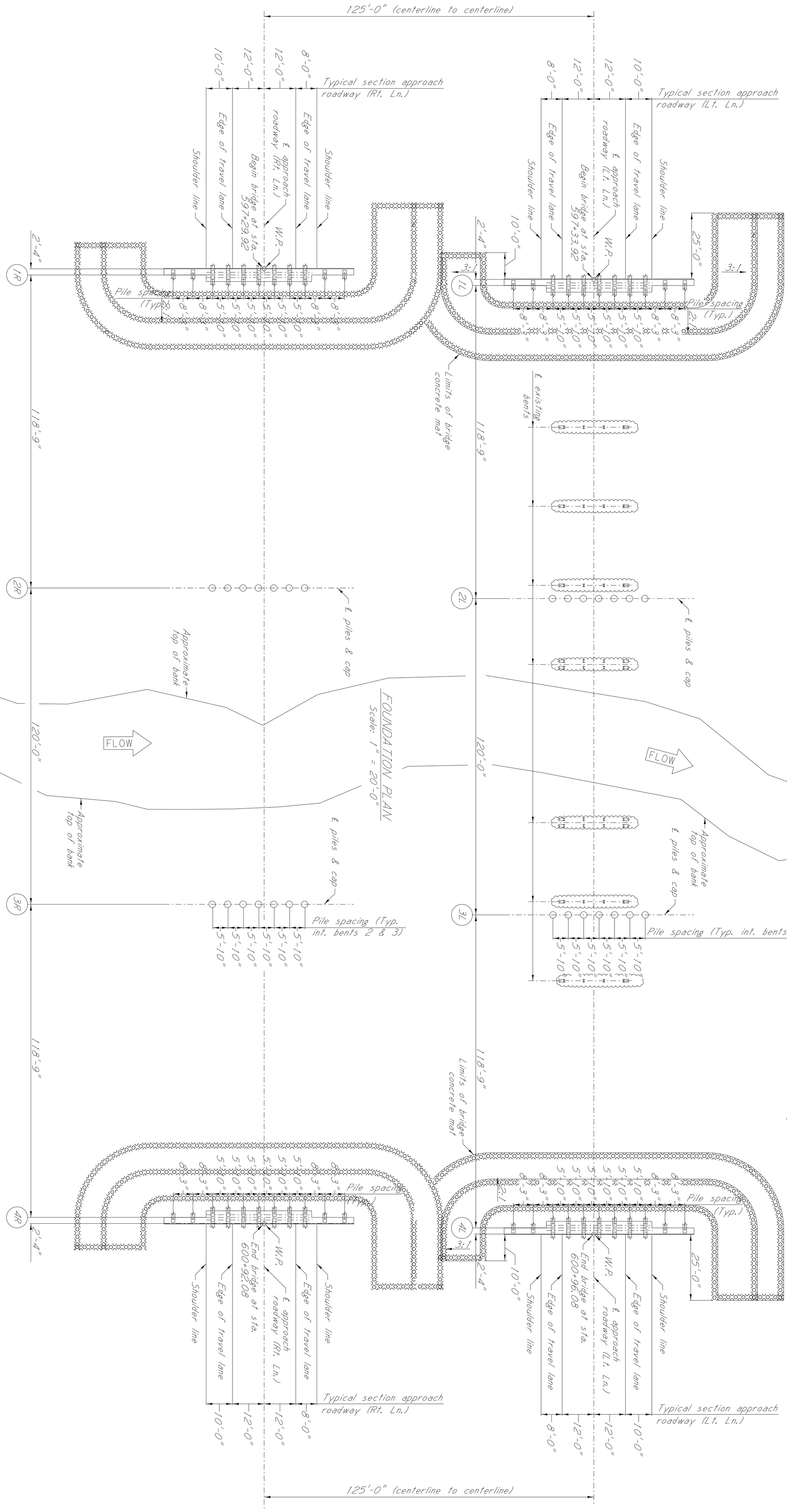
WK. NO.
B1 OF B14

SHEET NO.
8017

PLAN SHEET

2/24/2025 1:29:16 PM left lane border print 2D.dgn

ADDENDUM



FOUNDATION PLAN
Scale: 1" = 20'-0"

FOUNDATION PLAN
Scale: 1" = 20'-0"

NOTE:
Geotextile fabric is required under all bridge concrete mat. All bridge concrete mat and geotextile fabric shown on the bridge plans are included in the bridge quantities.

NOTE:
For general notes, quantities and additional details, see sheet no. B1.

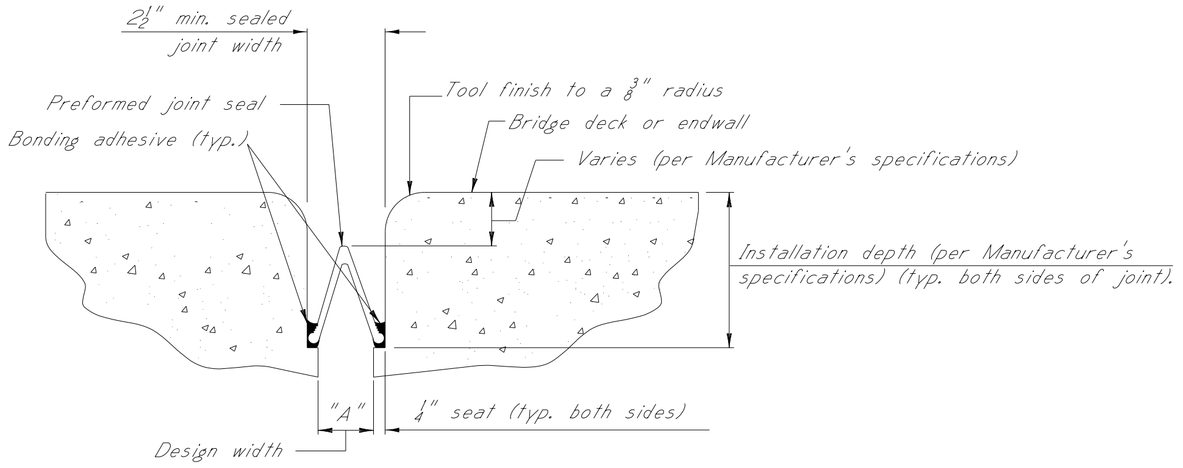
1 — Denotes existing substructure.

WK. NO. B3 OF B14	**BRIDGE AT STA. 597+29.92 RT.LN.** **BRIDGE AT STA. 597+33.92 LT.LN.** **SR 19 ACROSS CUSHTUSIA CREEK** **FOUNDATION PLAN**	FMS CON: 101649/301000	DESIGNED BY: LON BURT
SHEET NO. 8019	DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E. DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.	PROJECT NO.: STP-0026-01(072)	DETAILED BY: LON BURT
		COUNTY: NESHOBA	CHECKED BY: ALEX HAWKINS
			DATE: 2024-11-26

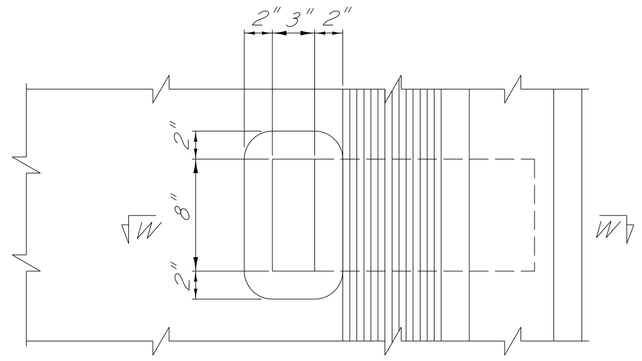
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DEPARTMENT OF TRANSPORTATION STATE OF MISSISSIPPI

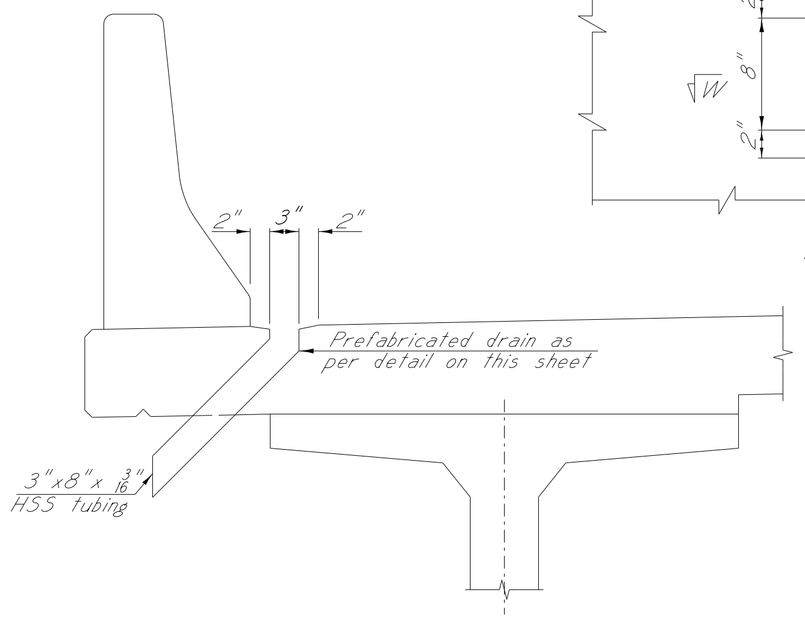
ADDENDUM



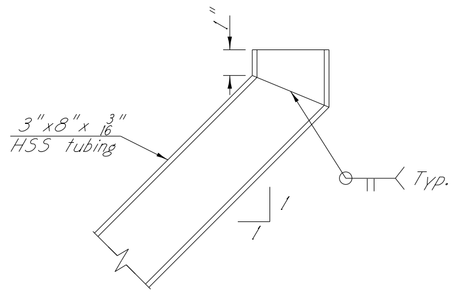
TYPICAL SECTION PREFORMED JOINT SEAL



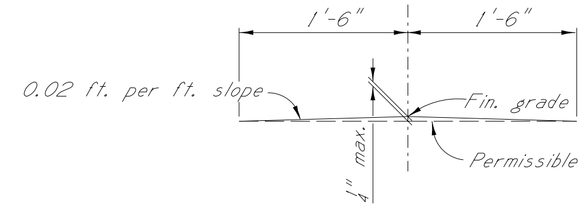
DETAIL "D"



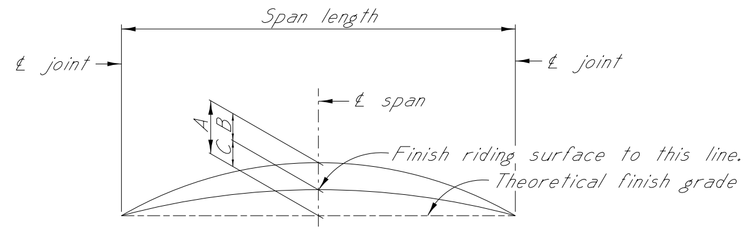
SECTION W-W



PRE-FABRICATED DRAIN DETAILS



CROWN DETAILS



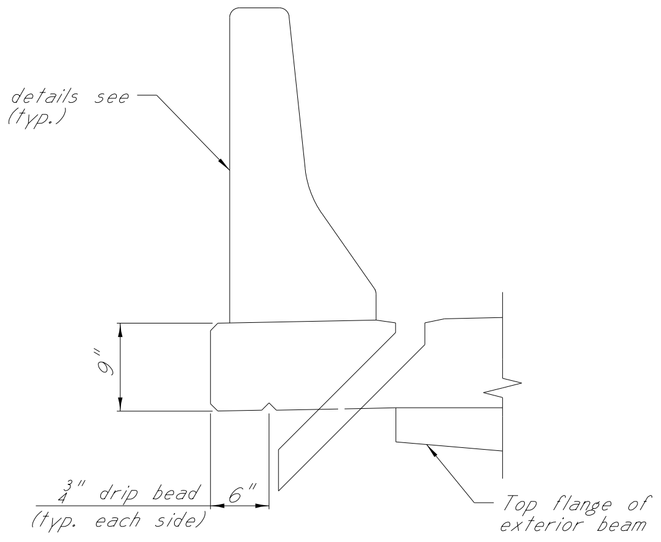
DEFLECTION DIAGRAM

A = total recommended allowance for deflection.
B = estimated deflection due to dead load of slab & rail.
C = A-B = net initial camber in riding surface, which includes an allowance or creep.

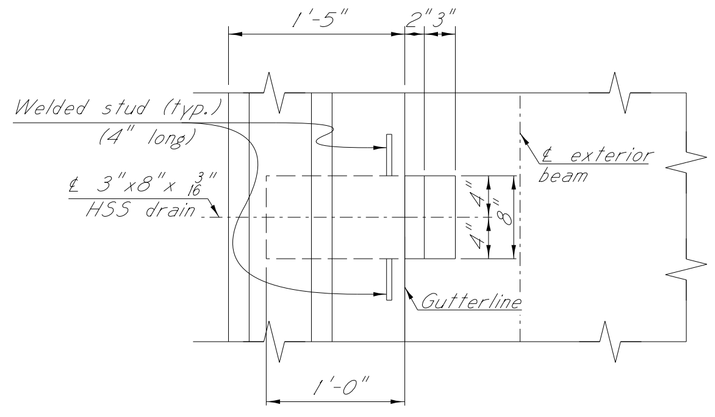
NOTE:
For values of A, B & C, see Beam Detail sheets.

NOTE:
The Girder Deflection Diagrams shown in these plans were prepared and intended for design and estimation purposes only. Actual bridge girder deflections may differ from the deflection diagrams shown in these plans. It is the Contractor's responsibility to construct the bridge to meet the requirements of the plans and specifications including, but not limited to, the requirements for bridge deck smoothness. Prior to formwork construction, the Contractor shall submit three (3) copies of a proposed BRIDGE SUPERSTRUCTURE CONSTRUCTION PLAN to the Director of Structures, State Bridge Engineer for review, through The Project Engineer. This submittal shall include all calculations, assumptions and parameters used by the Contractor to determine bridge girder deflections and form grade elevations. This submittal shall also include an erection and construction procedure that addresses the construction means and methodologies used by the Contractor and shall consider effects including, but not limited to, construction phasing, pouring schedules, applied permanent and construction loading, and shall include calculations and details of temporary girder bracing systems used to ensure girder stability and to counter the effects of girder tilt. After girder erection and prior to deck construction, the Contractor shall submit deck thickness verification calculations for each girder. These calculations shall include a comparison of the erected girder top flange profiles versus the plan deck grade elevations over each girder plus the anticipated girder deflection due to applied permanent dead load and creep. Three (3) copies of the deck thickness verification calculations and any proposed remediation measures to correct for thin deck areas shall be submitted to the Director of Structures, State Bridge Engineer for review, through the Project Engineer. The BRIDGE SUPERSTRUCTURE CONSTRUCTION PLAN and the deck thickness verification calculations shall be prepared and stamped by a Mississippi Registered Professional Engineer.

GENERAL NOTES:
All concrete in span shall be class "BDX".
All concrete in railing shall be class "AA".
Chamfer all edges ¾", unless otherwise noted.
See Layout sheet for finishing of concrete surfaces.
Placing dimensions for reinforcing steel to concrete surfaces are clear distances.
To determine the dimension from finish grade to cap, the assumption is made that the compressed thickness of the neoprene pad is as shown in table, and that the original camber of the beams will be within the limits shown on the Beam Detail sheets. The Director of Structures, State Bridge Engineer shall be notified if the cambers are not within these limits.



DRIP BEAD DETAIL



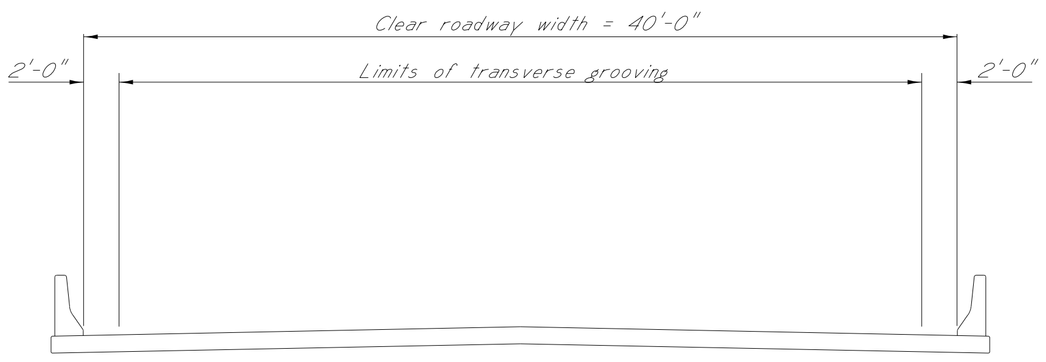
PLAN

PRE FABRICATED DRAIN HOLE DETAILS

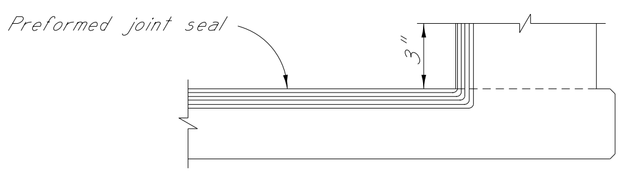
Use where shown on the Span Detail sheet.

NOTES:

1. Joint installation and sealing on newly constructed bridge decks shall be paid for in linear feet at the contract unit price along the length of the centerline of the joint under the appropriate Pay Item 907-823-A001 (for Type I) or Pay Item 907-823-A002 (for Type II).
2. The preformed joint seal shall be one of the following, installed according to the Manufacturer's specifications:
   A. Silicoflex Joint Sealing System, manufactured by R.J. Watson, Inc www.rjwatson.com
   B. Wabo SPS Joint System manufactured by Watson Bowman Acme Corporation www.wbacorp.com
   C. Silspec 555 Silicone Strip Seal manufactured by SSI Commercial & Highway Construction Materials www.ssicm.com
3. For estimating purposes, The RJ Watson Silicoflex Joint Sealing System was selected. However, should another supplier be chosen, it is the Contractor's responsibility to ensure that the Manufacturer's recommendations are followed for joint preparation, installation depths and widths, adhesive setting times, and any other variances between the specifications provided by the Manufacturers. A Manufacturer representative shall be present at the time joint sealing begins to ensure that the Contractor is properly schooled in installation of the joint material. All open joints shall be sealed at their design widths, dimension "A", as indicated on the end bent and span details.
4. Dimension "A" is defined as the design width of the joint opening, which does not account for the 4" seat required on both sides of the joint. Preformed Joint Seal, Type I, shall be used for design widths less than 2". Preformed Joint Seal, Type II, shall be used for design widths greater than or equal to 2", with the maximum design width being 2½". In cases where design widths are greater than 2½", another type of expansion material shall be required as directed by the Director of Structures, State Bridge Engineer.
5. Joints in newly constructed bridge decks shall be protected from damage until accepted for maintenance by the State. Damaged joints shall be repaired at no additional cost to the State.



LIMITS OF TRANSVERSE GROOVING



ELEVATION AT END OF SPAN

NEOPRENE PAD THICKNESS TABLE	
PAD LABEL	COMPRESSED PAD THICKNESS
LP1	1 3/16"

PLAN SHEET

2/26/2025 9:10:30 AM left lane border print 2D.dgn

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: LON BURT
DETAILED BY: LON BURT
CHECKED BY: ALEX HAWKINS
DATE: 2024-11-26

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

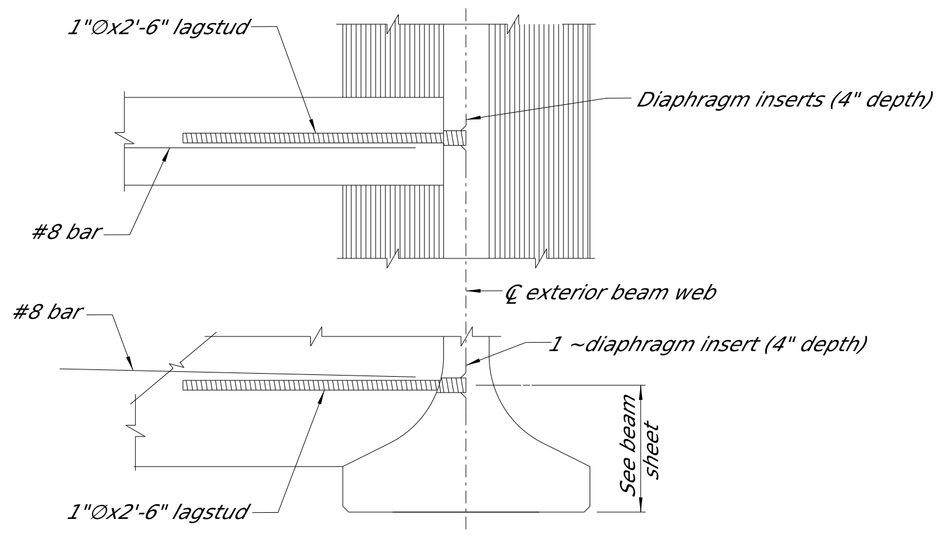
BRIDGE AT STA. 597+29.92 RT.LN.
BRIDGE AT STA. 597+33.92 LT.LN.
MISCELLANEOUS SPAN DETAILS

DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.
DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.

WK. NO. **B12 OF B14**

SHEET NO. **8028**

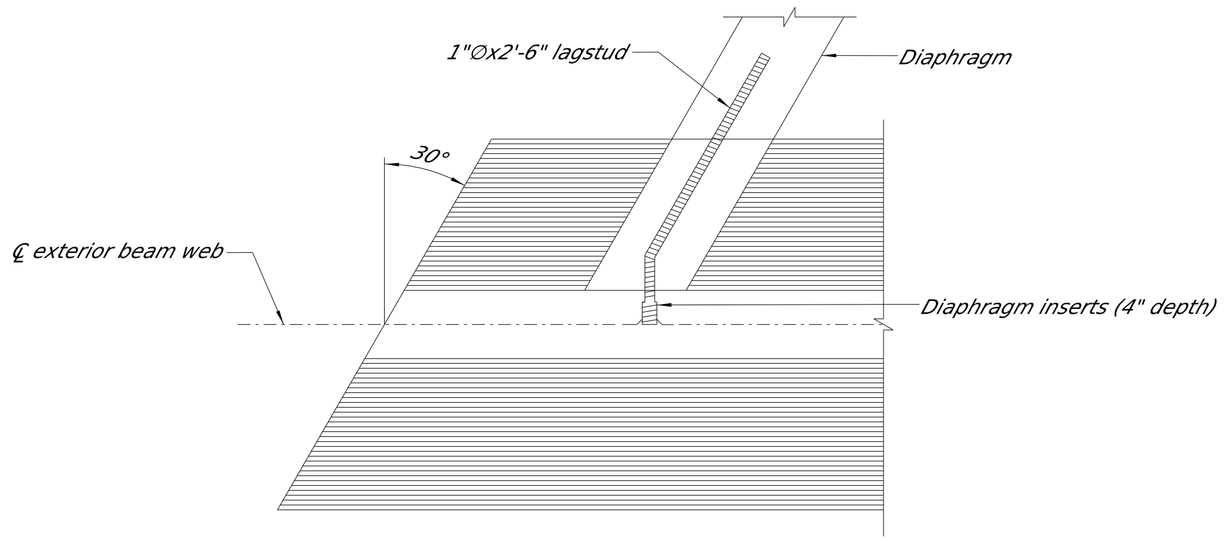
ADDENDUM



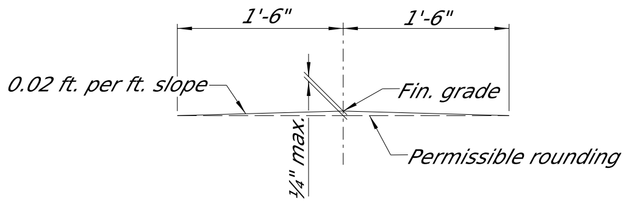
PART SECTION

DIAPHRAGM INSERT AND LAGSTUD DETAILS

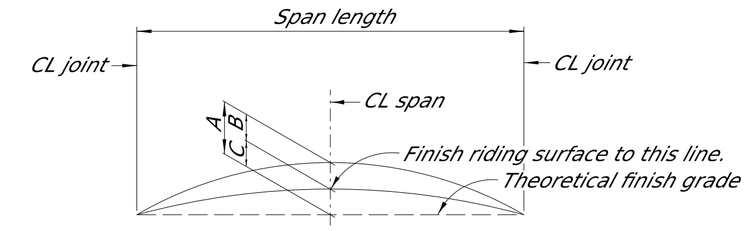
NOTE:
Continuous threaded lagstuds and diaphragm inserts shall be as manufactured by the Richmond Screw Anchor Co., Inc., Atlanta, GA; By Meadow Steel Products Co., Inc., Birmingham, AL Or Dayton Superior Co., Inc., Birmingham, AL.



LAGSTUD DETAILS
(For Skewed Bridge)



CROWN DETAILS

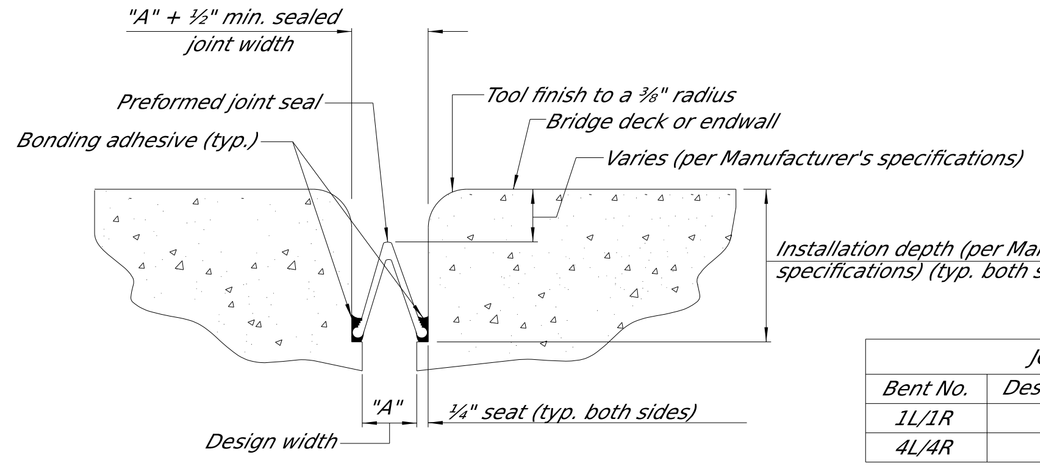


DEFLECTION DIAGRAM

A = total recommended allowance for deflection.
B = estimated deflection due to dead load of slab & rail.
C = A-B = net initial camber in riding surface, which includes an allowance or creep.

NOTE:
For values of A, B & C, see Beam Detail sheets.

NOTE:
The Girder Deflection Diagrams shown in these plans were prepared and intended for design and estimation purposes only. Actual bridge girder deflections may differ from the deflection diagrams shown in these plans. It is the Contractor's responsibility to construct the bridge to meet the requirements of the plans and specifications including, but not limited to, the requirements for bridge deck smoothness. Prior to formwork construction, the Contractor shall submit three (3) copies of a proposed BRIDGE SUPERSTRUCTURE CONSTRUCTION PLAN to the Director of Structures, State Bridge Engineer for review, through The Project Engineer. This submittal shall include all calculations, assumptions and parameters used by the Contractor to determine bridge girder deflections and form grade elevations. This submittal shall also include an erection and construction procedure that addresses the construction means and methodologies used by the Contractor and shall consider effects including, but not limited to, construction phasing, pouring schedules, applied permanent and construction loading, and shall include calculations and details of temporary girder bracing systems used to ensure girder stability and to counter the effects of girder tilt. After girder erection and prior to deck construction, the Contractor shall submit deck thickness verification calculations for each girder. These calculations shall include a comparison of the erected girder top flange profiles versus the plan deck grade elevations over each girder plus the anticipated girder deflection due to applied permanent dead load and creep. Three (3) copies of the deck thickness verification calculations and any proposed remediation measures to correct for thin deck areas shall be submitted to the Director of Structures, State Bridge Engineer for review, through the Project Engineer. The BRIDGE SUPERSTRUCTURE CONSTRUCTION PLAN and the deck thickness verification calculations shall be prepared and stamped by a Mississippi Registered Professional Engineer.



TYPICAL SECTION PREFORMED JOINT SEAL

JOINT LOCATION, SIZE & TYPE		
Bent No.	Design Width, "A"	Performed Joint Seal Type
1L/1R	1"	Type I
4L/4R	1"	Type I

NOTES:

1. 1. Joint installation and sealing on newly constructed bridge decks shall be paid for in linear feet at the contract unit price along the length of the centerline of the joint under the appropriate Pay Item 907-823-A001 (for Type I) or Pay Item 907-823-A002 (for Type II).

2. The preformed joint seal shall be one of the following, installed according to the Manufacturer's specifications:

   A. Silicoflex Joint Sealing System, manufactured by R.J. Watson, Inc www.rjwatson.com

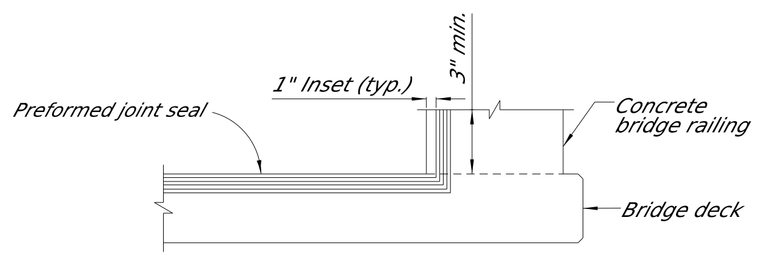
   B. Wabo SPS Joint System manufactured by Watson Bowman Acme Corporation www.wbacorp.com

   C. Silspec SSS Silicone Strip Seal manufactured by SSI Commercial & Highway Construction Materials www.ssicm.com

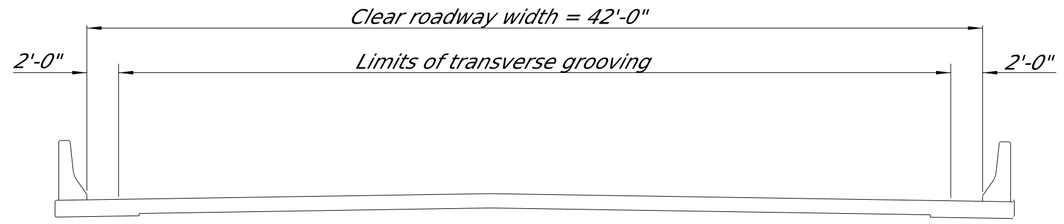
3. For estimating purposes, The RJ Watson Silicoflex Joint Sealing System was selected. However, should another supplier be chosen, it is the Contractor's responsibility to ensure that the Manufacturer's recommendations are followed for joint preparation, installation depths and widths, adhesive setting times, and any other variances between the specifications provided by the Manufacturers. A Manufacturer representative shall be present at the time joint sealing begins to ensure that the Contractor is properly schooled in installation of the joint material. All open joints shall be sealed at their design widths, dimension "A", as indicated on the end bent and span details.

4. Dimension "A" is defined as the design width of the joint opening, which does not account for the ¼" seat required on both sides of the joint. Preformed Joint Seal, Type I, shall be used for design widths less than 2". Preformed Joint Seal, Type II, shall be used for design widths greater than or equal to 2", with the maximum design width being 2½". In cases where design widths are greater than 2½", another type of expansion material shall be required as directed by the Director of Structures, State Bridge Engineer.

5. Joints in newly constructed bridge decks shall be protected from damage until accepted for maintenance by the State. Damaged joints shall be repaired at no additional cost to the State.

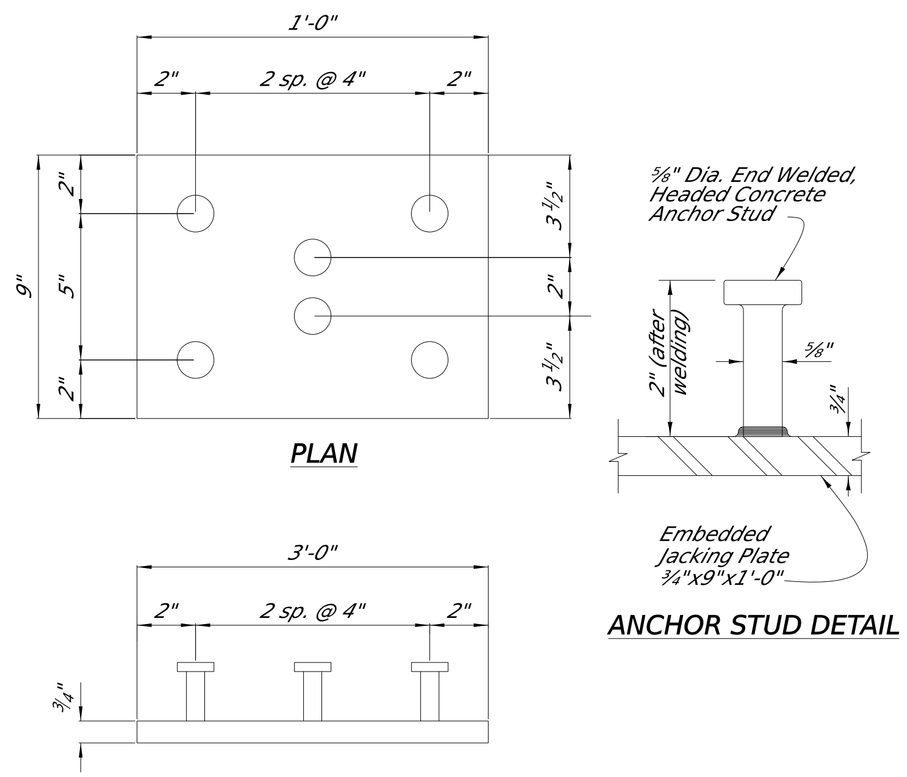


ELEVATION AT END OF SPAN



LIMITS OF TRANSVERSE GROOVING

PAD	PAD THICKNESS	COMPRESSED PAD THICKNESS
LP1	2 9/16"	2 1/2"



PLAN

ANCHOR STUD DETAIL

ELEVATION

DIAPHRAGM JACKING PLATE DETAILS

GENERAL NOTES:

All concrete in beam span shall be Class "BDX".
All concrete in railing shall be Class "AA".
Chamfer all edges ¾", unless otherwise noted. See Layout sheet for finishing of concrete surfaces.
Placing dimensions for reinforcing steel to concrete surfaces are clear distances.

To determine the dimension from finish grade to cap, the assumption is made that the compressed thickness of the neoprene pad is as shown in table, and that the original camber of the beams will be within the limits shown on the Beam Detail sheets. The Director of Structures, State Bridge Engineer shall be notified if the cambers are not within these limits.

Gresham Smith

DONALD LEE McCRARY
LICENSED PROFESSIONAL ENGINEER
33548
02/25/2025
STATE OF MISSISSIPPI

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: COURTNEY ROME
DETAILED BY: COURTNEY ROME
CHECKED BY: DONALD MCCRARY
DATE: 2025-02-25

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

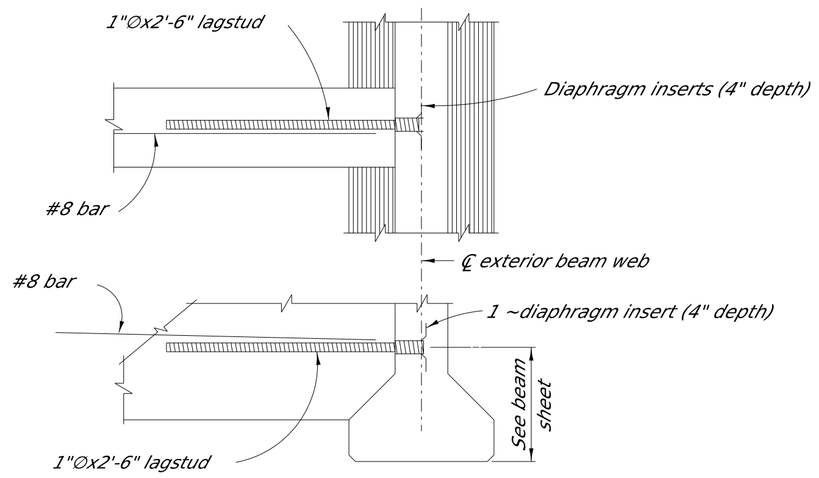
BRIDGE AT STA. 441+28.75 LT. LN.
BRIDGE AT STA. 442+08.75 RT. LN.
MISCELLANEOUS SPAN DETAILS
DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.
DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.

WK. NO.
F20 OF F24

SHEET NO.
8065

DATE 11:08:18 AM cjrworking le.dgn PLAN SHEET

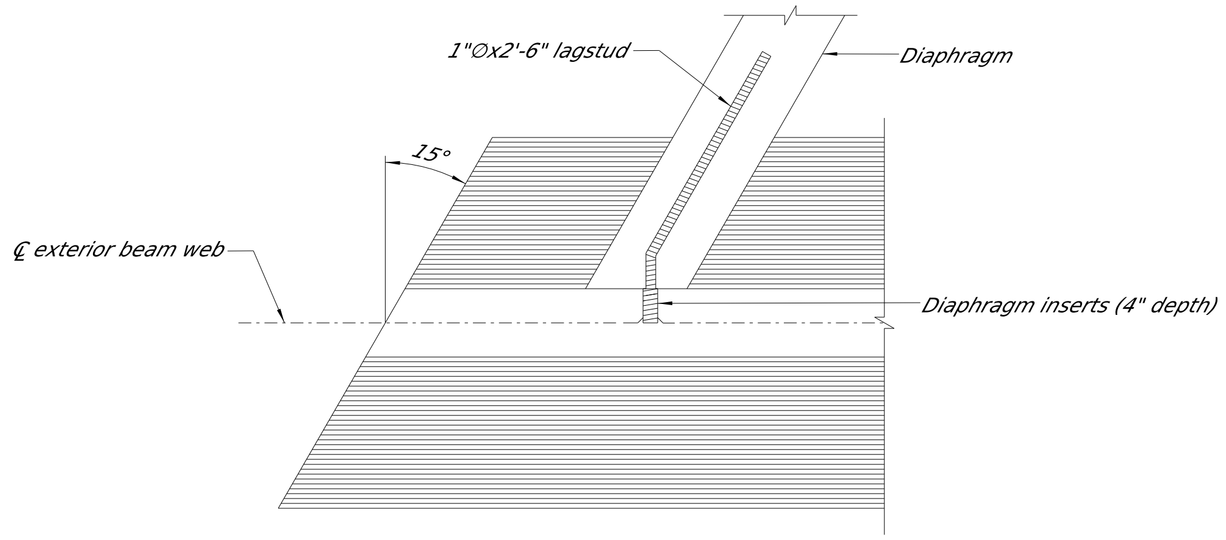
ADDENDUM



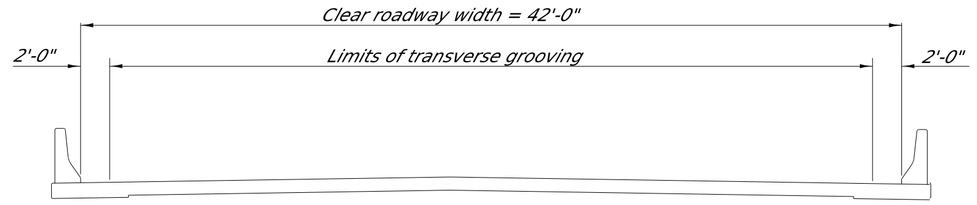
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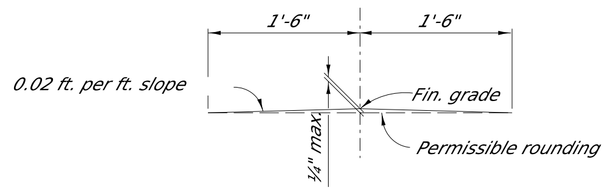
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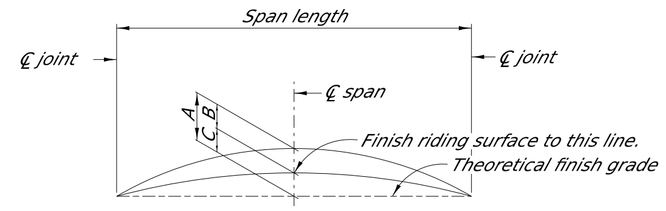
LAGSTUD DETAILS
(For Skewed Bridge)



LIMITS OF TRANSVERSE GROOVING



CROWN DETAILS

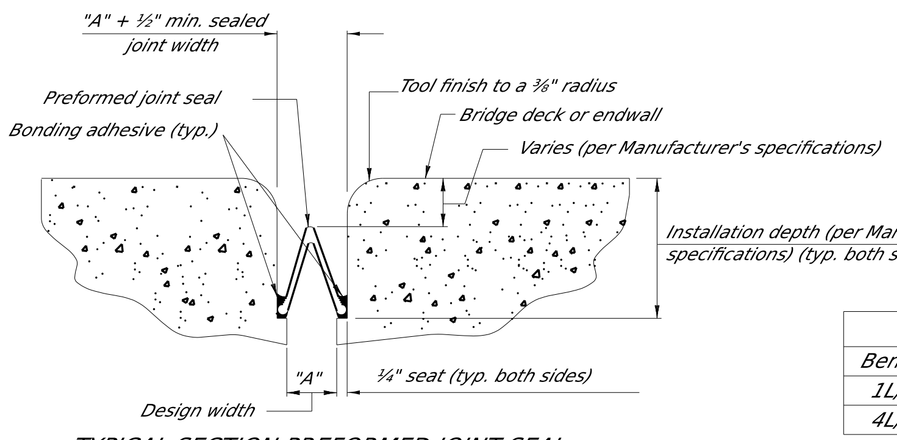


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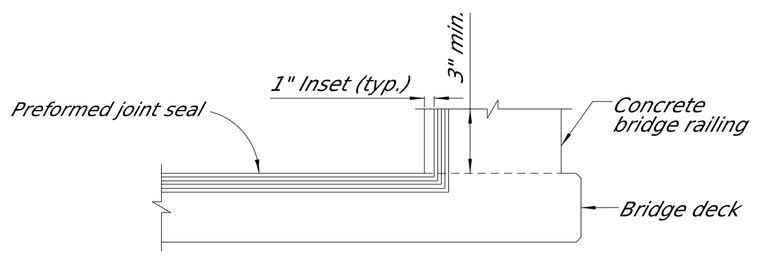
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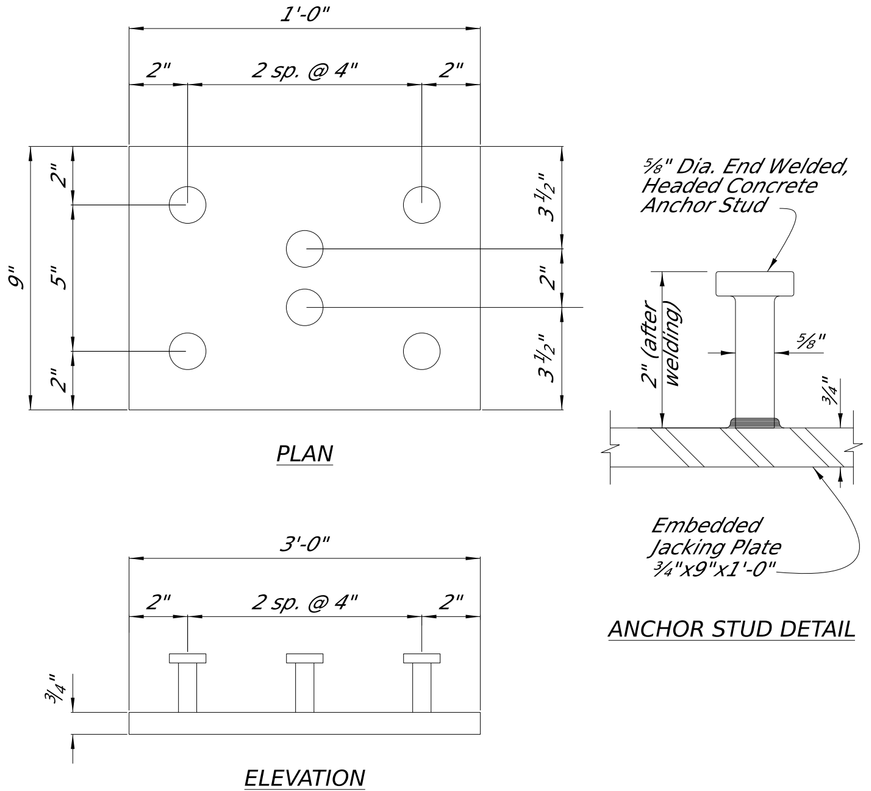
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ELEVATION AT END OF SPAN

PAD	PAD THICKNESS	COMPRESSED PAD THICKNESS
LP1	$2\frac{9}{16}$"	$2\frac{1}{2}$"



PLAN

ANCHOR STUD DETAIL

ELEVATION

DIAPHRAGM JACKING PLATE DETAILS

GENERAL NOTES:

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DONALD LEE McCRARY
LICENSED PROFESSIONAL ENGINEER
33548
02/25/2025
STATE OF MISSISSIPPI

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESIGNED BY: BRADEN WELLS
DETAILED BY: BRADEN WELLS
CHECKED BY: DONALD MCCRARY
DATE: 2025-02-25

FMS CON: 101649/301000
PROJECT NO.: STP-0026-01(072)
COUNTY: NESHOBA

BRIDGE AT STA. 553+68.92 RT. LN.
BRIDGE AT STA. 554+28.92 LT. LN.
MISCELLANEOUS SPAN DETAILS

DIR OF STRUCTURES, STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.
DEP. DIR OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - MICAH DEW, P.E.

WK. NO.
G19 OF G23

SHEET NO.
8088

Gresham Smith

PLAN SHEET

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