

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. <u> 1 </u>	DATED <u> 5/25/2023 </u>	ADDENDUM NO. <u> </u>	DATED <u> </u>
ADDENDUM NO. <u> </u>	DATED <u> </u>	ADDENDUM NO. <u> </u>	DATED <u> </u>
ADDENDUM NO. <u> </u>	DATED <u> </u>	ADDENDUM NO. <u> </u>	DATED <u> </u>

Number	Description
1	Revised Table of Contents; Added NTB Nos. 22 & 25; Revised NTB No. 4977; Revised Bid Items; Revised or Added Plan Sheet Nos. 1-2, 6-7, 9-10, 18-24, 26, 33, 54, 78 & 112; Amendment EBSx Download Required.

TOTAL ADDENDA: 1
(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-0022-04(071)/ 102607302000

Union County(ies)

Revised 01/26/2016

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TABLE OF CONTENTS**

PROJECT: STP-0022-04(071)/102607302 - Union

Section 901 - Advertisement

Section 904 - Notice to Bidders

#1	Governing Specification, w/ Supplement
#2	Status of ROW, w/ Attachments
#3	Final Cleanup
#9	Federal Bridge Formula
#13	Safety Edge
#22	Exposure to Severe Sulfate Areas Below Ground Level
#25	Exposure to Moderate Sulfate Areas At Or Near Ground Level and/or Seawater
#113	Tack Coat
#296	Reduced Speed Limit Signs
#445	Mississippi Agent or Qualified Nonresident Agent
#516	Errata and Modifications to the 2017 Standard Specifications
#757	Additional Erosion Control Requirements
#1225	Early Notice to Proceed
#1226	Material Storage Under Bridges
#1241	Fuel and Material Adjustments
#1434	Erosion Control Plan
#1963	Guardrail Pads
#2172	App for Storm Water Reports
#2206	MASH Compliant Devices
#2273	Mississippi Special Fuel Tax Law
#2611	Disadvantaged Business Enterprise In Federal-Aid Highway Construction, w/ Supplement
#2672	Stream Crossings
#2782	DBE Pre-Bid Meeting
#2812	Traffic Signal and ITS Components
#2895	Exploratory Joint Cleanout
#2954	Reflective Sheeting for Signs
#3676	Asphalt Gyrotory Compactor Internal Angle Calibration
#3963	Super Silt Fence
#4113	Unique Entity ID Requirement For Federal Funded Projects
#4638	Storm Water Discharge Associated with Construction Activity (> 5 Acres)
#4699	Right-of-Way Plat
#4702	App for Traffic Control Report
#4974	Contract Time
#4975	Specialty Items
#4976	Removal of Obstructions
#4977	Placement of Fill Material in Federally Regulated Areas
#4978	Temporary Transverse Joints
906	Required Federal Contract Provisions -- FHWA 1273, w/Supplements

Section 907 - Special Provisions

PROJECT: STP-0022-04(071)/102607302 - Union

907-102-2	Bidding Requirements and Conditions
907-105-1	Authority of the Engineer
907-106-1	Control of Materials
907-107-2	Contractor's Erosion Control Plan
907-108-4	Subletting of Contract
907-109-4	Measurement and Payment
907-234-1	Silt Fence
907-253-1	Coir Fiber Baffle
907-424-1	Roadbed Reclamation with Cement
907-619-5	Traffic Control for Construction Zones
907-624-1	Inverted Profile Thermoplastic Traffic Stripe
907-631-1	Traffic Signal Systems - General
907-632-1	Traffic Signal Cabinet Assemblies
907-633-1	Uninterruptable Power Supply
907-634-4	Traffic Signal and ITS Equipment Poles
907-636-3	Electrical Cable
907-637-3	Traffic Signal Conduit and Pull Boxes
907-641-3	Radar Vehicle Detection
907-653-1	Traffic and Street Name Signs
907-700-1	Materials and Tests
907-701-3	Hydraulic Cement
907-702-4	Bituminous Materials
907-703-2	Gradation
907-705-1	Stone Riprap
907-707-3	Joint Materials
907-708-4	Concrete Pipe
907-711-2	Plain Steel Wire
907-712-1	Fence and Guardrail
907-713-1	Waterproofing Admixture
907-714-3	Miscellaneous Materials
907-718-1	Timber and Dimension Lumber
907-720-2	Acceptance Procedure for Glass Beads
907-721-4	Materials for Signing
907-722-1	Materials for Traffic Signal Installation
907-803-5	Test Piles
907-804-11	Concrete Bridges and Structures, w/ Supplement
907-823-7	Preformed Joint Seal

906-8 Training Special Provisions

Section 905 - Proposal, Proposal Bid Items, Combination Bid Proposal

Certification of Performance - Prior Federal-Aid Contracts

Certification Regarding Non-Collusion, Debarment and Suspension

SAM.GOV Registration and Unique Entity ID

Section 902 - Contract Form

Section 903 - Contract Bond Forms

Form -- OCR-485

Pile and Driving Equipment Data Form

PROJECT: STP-0022-04(071)/102607302 - Union

Progress Schedule

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

05/24/2023 10:56 AM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 22

CODE: (IS)

DATE: 03/01/2017

SUBJECT: Exposure to Severe Sulfate Areas Below Ground Level

Bidders are hereby advised that this project, or portions of this project, is located in areas considered as areas of severe sulfate exposure and will require certain restrictions on the cementitious materials. A geotechnical investigation has indicated the presence of severe sulfate soils below the ground surface. Therefore, the cementitious materials used in concrete mixtures for the construction items of work listed below shall conform to the requirements listed in Subsection 701.02 for severe sulfate exposure.

Items of work requiring restrictions on the cementitious materials are as follows:

- 1) Drilled Shafts
- 2) Precast/prestressed Piling
- 3) Spread Footings
- 4) Box Culverts & Box Bridges

Unless otherwise specified, no other restrictions on the cementitious materials shall apply to other concrete items or structures.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 25

CODE: (IS)

DATE: 03/01/2017

SUBJECT: Exposure to Moderate Sulfate Areas At Or Near Ground Level and/or Seawater

Bidders are hereby advised that this project, or portions of this project, is located in areas of moderate sulfate and/or seawater exposure and will require certain restrictions on the cementitious materials. The centerline-soil profile investigation has indicated the presence of moderate sulfate soils at or near ground level or the area is exposed to seawater. Therefore, except for the items listed below, the cementitious materials used in concrete mixtures for the construction items of work which come in contact with the native soils or seawater shall conform to the requirements listed in Subsection 701.02 for moderate sulfate and seawater sulfate exposure.

Items not requiring restrictions on the cementitious materials are as follows:

<u>Pay Item</u>	<u>Description</u>
221	Paved Ditches
606	Guardrail Anchors
607	Fence Post Footings
608	Sidewalks
609	Curb and Gutter
614	Driveways
616	Median and Island Pavement
630	Sign Footings, except Overhead Sign Supports

Unless otherwise specified, no other restrictions on the cementitious materials shall apply to other concrete items or structures.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 4977

CODE (SP)

DATE: 05/25/2023

SUBJECT: Placement of Fill Material in Federally Regulated Areas

PROJECT: STP-0022-04(071) / 102607302 – Union 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-2016-35)	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.

Grade, Bridge, Pave 2-Lanes approximately 6 miles of SR 15 from the Pontotoc County Line to King's Creek south of New Albany (Bridge No. 292.6), known as Federal Aid Project No. STP-0022-04(071) / 102607302 in Union 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		1	Acre	Clearing and Grubbing
0030	202-A001		1	Lump Sum	Removal of Obstructions
0040	202-B004		1,133	Square Yard	Removal of Asphalt Driveways, All Depths
0050	202-B007		36,646	Square Yard	Removal of Asphalt Pavement, All Depths
0060	202-B023		3	Each	Removal of Bridge
0070	202-B052		1,700	Square Yard	Removal of Concrete Driveways, All Depths
0080	202-B059		1,401	Square Yard	Removal of Concrete Median & Island Pavement, All Depths
0090	202-B092		6,395	Linear Feet	Removal of Curb, All Types
0100	202-B136		2,076	Linear Feet	Removal of Guard Rail
0110	202-B165		9	Each	Removal of Inlets, All Sizes
0120	202-B191		4,454	Linear Feet	Removal of Pipe, 8" And Above
0130	202-B226		3,388	Square Yard	Removal of Soil Cement Treated Base, All Depths
0140	202-B241		1	Mile	Removal of Traffic Stripe
0150	203-A001	(E)	433,933	Cubic Yard	Unclassified Excavation, FM, AH
0160	203-B001	(E)	1,700	Cubic Yard	Rock Excavation, FM, AH
0170	203-EX021	(E)	13,371	Cubic Yard	Borrow Excavation, AH, FME, Class B9-6
0180	203-G001	(E)	256,156	Cubic Yard	Excess Excavation, FM, AH
0190	206-A001	(S)	7,647	Cubic Yard	Structure Excavation
0200	206-B001	(E)	79	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM
0210	209-A005		30,920	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0220	211-B001	(E)	76	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0230	213-C001		96	Ton	Superphosphate
0240	216-A001		10,676	Square Yard	Solid Sodding
0250	217-A001		669	Square Yard	Ditch Liner
0260	219-A001		214	Thousand Gallon	Watering [\$20.00]
0270	220-A001		96	Acre	Insect Pest Control [\$30.00]
0280	221-A001	(S)	282	Cubic Yard	Concrete Paved Ditch
0290	223-A001		384	Acre	Mowing [\$50.00]
0300	225-A001		192	Acre	Grassing
0310	225-B001		96	Ton	Agricultural Limestone
0320	225-C001		384	Ton	Mulch, Vegetative Mulch

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0330	226-A001		192	Acre	Temporary Grassing
0340	235-A001		347	Each	Temporary Erosion Checks
0350	236-A008		39	Each	Silt Basin, Type D
0360	237-A002		1,380	Linear Feet	Wattles, 20"
0370	239-A001		10,000	Linear Feet	Temporary Slope Drains
0380	245-A001		1,160	Linear Feet	Silt Dike
0390	246-A001		570	Linear Feet	Sandbags
0400	246-B001		570	Each	Rockbags
0410	247-A001		4	Each	Temporary Stream Diversion
0420	249-A001		1,044	Ton	Riprap for Erosion Control
0430	249-B001		460	Cubic Yard	Remove and Reset Riprap
0440	304-C001	(GY)	106,153	Cubic Yard	Granular Material, AEA, Class 3, Group C
0450	304-C009	(GY)	21,362	Cubic Yard	Granular Material, AEA, Class 9, Group C
0460	307-B001	(M)	63,086	Square Yard	10" Soil-Lime-Water Mixing, Class B
0470	307-D001		1,619	Ton	Lime
0480	307-S001	(A3)	15,772	Gallon	Bituminous Curing Seal
0490	308-A001		2,521	Ton	Cement
0500	308-B002	(M)	63,086	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Base
0510	308-B003	(M)	96,131	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Design Soil
0520	308-S001	(A3)	39,805	Gallon	Bituminous Curing Seal
0530	403-A002	(BA1)	26,460	Ton	12.5-mm, MT, Asphalt Pavement
0540	403-A005	(BA1)	28,387	Ton	19-mm, MT, Asphalt Pavement
0550	403-A014	(BA1)	22,267	Ton	9.5-mm, MT, Asphalt Pavement
0560	403-B002	(BA1)	298	Ton	12.5-mm, MT, Asphalt Pavement, Leveling
0570	406-D001		19,256	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0580	407-A001	(A2)	19,803	Gallon	Asphalt for Tack Coat
0590	413-E001		517	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
0600	423-A001		20	Mile	Rumble Strips, Ground In
0610	502-A001	(C)	1,179	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0620	503-C010		176	Linear Feet	Saw Cut, Full Depth
0630	601-A001	(S)	310	Cubic Yard	Class "B" Structural Concrete
0640	601-B001	(S)	81	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0650	602-A001	(S)	56,563	Pounds	Reinforcing Steel
0660	603-ALT003	(S)	2,312	Linear Feet	18" Type A Alternate Pipe

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0670	603-ALT006	(S)	320	Linear Feet	24" Type A Alternate Pipe
0680	603-ALT009	(S)	40	Linear Feet	30" Type A Alternate Pipe
0690	603-CA011	(S)	3,264	Linear Feet	18" Reinforced Concrete Pipe, Class III
0700	603-CA026	(S)	3,352	Linear Feet	24" Reinforced Concrete Pipe, Class III
0710	603-CA040	(S)	664	Linear Feet	30" Reinforced Concrete Pipe, Class III
0720	603-CA055	(S)	320	Linear Feet	36" Reinforced Concrete Pipe, Class III
0730	603-CA066	(S)	268	Linear Feet	42" Reinforced Concrete Pipe, Class III
0740	603-CA076	(S)	632	Linear Feet	48" Reinforced Concrete Pipe, Class III
0750	603-CB003	(S)	28	Each	18" Reinforced Concrete End Section
0760	603-CB004	(S)	35	Each	24" Reinforced Concrete End Section
0770	603-CB005	(S)	7	Each	30" Reinforced Concrete End Section
0780	603-CB006	(S)	2	Each	36" Reinforced Concrete End Section
0790	603-CB007	(S)	1	Each	42" Reinforced Concrete End Section
0800	603-CB008	(S)	4	Each	48" Reinforced Concrete End Section
0810	603-CE002	(S)	288	Linear Feet	22" x 13" Concrete Arch Pipe, Class A III
0820	603-CE008	(S)	120	Linear Feet	29" x 18" Concrete Arch Pipe, Class A III
0830	603-CF002	(S)	6	Each	22" x 13" Concrete Arch Pipe End Section
0840	603-CF003	(S)	3	Each	29" x 18" Concrete Arch Pipe End Section
0850	603-SB012	(S)	3	Each	18" Branch Connections, Stub into Box Culvert
0860	603-SB028	(S)	1	Each	24" Branch Connections, Stub into Box Culvert
0870	604-A001		1,106	Pounds	Castings
0880	604-B001		3,822	Pounds	Gratings
0890	605-AA001	(S)	1,682	Square Yard	Geotextile for Subsurface Drainage, Type III
0900	605-O002	(S)	563	Linear Feet	4" Perforated Sewer Pipe for Underdrains, SDR 23.5
0910	605-P002	(S)	104	Linear Feet	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5
0920	605-W001	(GY)	130	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM
0930	605-W002	(GY)	144	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM
0940	606-B001		1,300	Linear Feet	Guard Rail, Class A, Type 1
0950	606-D022		12	Each	Guard Rail, Bridge End Section, Type I
0960	606-E005		8	Each	Guard Rail, Terminal End Section, Flared
0970	606-E007		5	Each	Guard Rail, Terminal End Section, Non-Flared
0980	609-D004	(S)	6,014	Linear Feet	Combination Concrete Curb and Gutter Type 2 Modified
0990	609-D012	(S)	3,801	Linear Feet	Combination Concrete Curb and Gutter Type 3A Modified

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1000	614-A001	(S)	1,176	Square Yard	Concrete Driveway, Without Reinforcement
1010	615-A024	(S)	200	Linear Feet	Concrete Bridge End Barrier, 37.5"
1020	616-A001	(S)	1,792	Square Yard	Concrete Median and/or Island Pavement, 10-inch
1030	616-A004	(S)	19,055	Square Yard	Concrete Median and/or Island Pavement, 4-inch
1040	617-A001		303	Each	Right-of-Way Marker
1050	618-A001		1	Lump Sum	Maintenance of Traffic
1060	619-A1001		22	Mile	Temporary Traffic Stripe, Continuous White
1070	619-A2001		18	Mile	Temporary Traffic Stripe, Continuous Yellow
1080	619-A3001		12	Mile	Temporary Traffic Stripe, Skip White
1090	619-A4002		6	Mile	Temporary Traffic Stripe, Skip Yellow
1100	619-A5001		62,939	Linear Feet	Temporary Traffic Stripe, Detail
1110	619-A6001		5,000	Square Feet	Temporary Traffic Stripe, Legend
1120	619-A6002		4,204	Linear Feet	Temporary Traffic Stripe, Legend
1130	619-C7001		918	Each	Two-Way Yellow Reflective High Performance Raised Marker
1140	619-D1001		70	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
1150	619-D2001		5,000	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
1160	619-F1001		500	Linear Feet	Concrete Median Barrier, Precast
1170	619-F2001		500	Linear Feet	Remove and Reset Concrete Median Barrier, Precast
1180	619-G4001		24	Linear Feet	Barricades, Type III, Double Faced
1190	619-G4005		3,564	Linear Feet	Barricades, Type III, Single Faced
1200	619-G5001		1,760	Each	Free Standing Plastic Drums
1210	619-G7001		5	Each	Warning Lights, Type "B"
1220	619-G8001		25	Each	Warning Lights, Type "C"
1230	619-J1003		2	Each	Impact Attenuator, 50 MPH
1240	619-J2003		2	Each	Impact Attenuator, 50 MPH, Replacement Package
1250	619-J3001		2	Each	Remove and Reset Impact Attenuator
1260	619-K2004		4	Each	Installation and Removal of Guard Rail, Type I Bridge End Section
1270	619-K4001		4	Each	Installation and Removal of Guardrail, Terminal End Section
1280	620-A001		1	Lump Sum	Mobilization
1290	621-A001		1	Each	Field Laboratory
1300	626-A004		12	Mile	6" Thermoplastic Traffic Stripe, Skip White
1310	626-C004		12	Mile	6" Thermoplastic Edge Stripe, Continuous White
1320	626-D003		2	Mile	6" Thermoplastic Traffic Stripe, Skip Yellow
1330	626-E004		4	Mile	6" Thermoplastic Traffic Stripe, Continuous Yellow

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1340	626-F003		8	Mile	6" Thermoplastic Edge Stripe, Continuous Yellow
1350	626-G002		40,653	Linear Feet	Thermoplastic Detail Stripe, White
1360	626-G003		17,657	Linear Feet	Thermoplastic Detail Stripe, Yellow
1370	626-H004		898	Square Feet	Thermoplastic Legend, White
1380	626-H005		2,180	Linear Feet	Thermoplastic Legend, White
1390	627-J001		674	Each	Two-Way Clear Reflective High Performance Raised Markers
1400	627-K001		1,401	Each	Red-Clear Reflective High Performance Raised Markers
1410	627-L001		674	Each	Two-Way Yellow Reflective High Performance Raised Markers
1420	630-A001		605	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
1430	630-A003		852	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
1440	630-A005		506	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness
1450	630-C001		3,541	Linear Feet	Square Tube Posts, 4.0 lb/ft
1460	630-C002		18	Linear Feet	Steel U-Section Posts, 2.0 lb/ft
1470	630-E005		22	Pounds	Structural Steel Angles & Bars, Aluminum Unistrut
1480	630-F002		39	Each	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow
1490	630-F006		68	Each	Delineators, Guard Rail, White
1500	630-F007		54	Each	Delineators, Guard Rail, Yellow
1510	630-G005		20	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted
1520	630-K002		30	Linear Feet	Welded & Seamless Steel Pipe Posts, 3"
1530	635-A059		6	Each	Traffic Signal Head, Type 1
1540	635-A065		2	Each	Traffic Signal Head, Type 2 FYA
1550	635-A070		2	Each	Traffic Signal Head, Type 3
1560	638-A006		4	Each	Flasher Assembly, Prepare To Stop
1570	699-A001		1	Lump Sum	Roadway Construction Stakes
1580	815-A007	(S)	11,179	Ton	Loose Riprap, Size 300
1590	815-E001	(S)	2,854	Square Yard	Geotextile under Riprap
1600	815-F002	(S)	1,517	Ton	Sediment Control Stone
1610	907-234-A001		30,000	Linear Feet	Temporary Silt Fence
1620	907-234-C001		1,750	Linear Feet	Super Silt Fence
1630	907-234-D001		45	Each	Inlet Siltation Guard
1640	907-234-F001		200	Linear Feet	Turbidity Barrier
1650	907-253-A001		7,181	Linear Feet	Coir Fiber Baffle
1660	907-424-A001		15,244	Square Yard	Roadbed Reclamation with Cement

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1670	907-619-E3001		6	Each	Changeable Message Sign
1680	907-630-PP002		269	Square Feet	Roadside Directional Signs, Sheet Aluminum, 0.125" Thickness, Ground Mounted
1690	907-632-A010		1	Each	Solid State Traffic Cabinet Assembly, Type IV Cabinet, Type 1 Controller
1700	907-632-J001		1	Each	Power Service Pedestal
1710	907-633-A001		1	Each	Uninterruptable Power Supply
1720	907-634-A080		3	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 30' Arm
1730	907-634-A081		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 35' Arm
1740	907-634-A083		2	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm
1750	907-634-C001		12	Cubic Yard	Pole Foundations, Class "B" Concrete
1760	907-636-B014		2,875	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 5 Conductor
1770	907-636-B016		1,640	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor
1780	907-636-B053		300	Linear Feet	Electric Cable, Underground in Conduit, THHN, AWG #6, 3 Conductor
1790	907-636-D008		299	Linear Feet	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 14, 8 Conductor
1800	907-637-A002		13	Each	Pullbox Enclosure, Type 2
1810	907-637-A003		2	Each	Pullbox Enclosure, Type 3
1820	907-637-C028		2,445	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 2"
1830	907-637-C030		45	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 3"
1840	907-637-D003		1,510	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"
1850	907-641-A002		4	Each	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2
1860	907-641-B002		2	Each	Signal Advanced Radar Vehicle Detection Sensor, Type 2
1870	907-641-D001		1,964	Linear Feet	Radar Vehicle Detection Cable
1880	907-653-B001		47	Square Feet	Street Name Sign
1890	907-906001		1,040	Hours	Trainees [\$5.00]
ALTERNATE GROUP AA NUMBER 1					
1900	304-F001	(GT)	25,700	Ton	3/4" and Down Crushed Stone Base
ALTERNATE GROUP AA NUMBER 2					
1910	304-F002	(GT)	25,700	Ton	Size 610 Crushed Stone Base
ALTERNATE GROUP AA NUMBER 3					
1920	304-F003	(GT)	25,700	Ton	Size 825B Crushed Stone Base
ALTERNATE GROUP BB NUMBER 1					
1930	605-W002	(GY)	229	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM
ALTERNATE GROUP BB NUMBER 2					
1940	605-W003	(GY)	229	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type C, FM
ALTERNATE GROUP CC NUMBER 1					

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1950	907-624-A002		1,855	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Skip White
1960	907-624-C001		625	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Skip Yellow
1970	907-624-E001		2,668	Linear Feet	Inverted Profile Thermoplastic Detail Traffic Stripe, White
1980	907-624-E003		1,855	Linear Feet	Inverted Profile Thermoplastic Detail Traffic Stripe, Yellow
ALTERNATE GROUP CC NUMBER 2					
1990	628-G001		1,855	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Skip White
2000	628-I002		625	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Skip Yellow
2010	628-K001		2,668	Linear Feet	High Performance Cold Plastic Detail Stripe, White
2020	628-K002		1,855	Linear Feet	High Performance Cold Plastic Detail Stripe, Yellow
Bridge Items					
2030	206-A001	(S)	910	Cubic Yard	Structure Excavation
2040	501-K001		7,707	Square Yard	Transverse Grooving
2050	803-F007	(S)	1,085	Linear Feet	18" Pre-Formed Pile Hole
2060	803-F013	(S)	880	Linear Feet	26" Pre-Formed Pile Hole
2070	803-F013	(S)	35	Linear Feet	26" Pre-Formed Pile Hole For Out of Position Indicator Pile
2080	803-F014	(S)	713	Linear Feet	30" Pre-Formed Pile Hole
2090	803-P001	(S)	3,520	Linear Feet	24" Steel Pipe Piling, Wall Thickness 0.500"
2100	803-P003	(S)	1,035	Linear Feet	30" Steel Pipe Piling, Wall Thickness 0.500"
2110	803-P007	(S)	4,995	Linear Feet	18" Steel Pipe Piling, Wall Thickness 0.500"
2120	804-C188	(S)	6,520	Linear Feet	80' Prestressed Concrete Beam, Type FIB-36
2130	804-C192	(S)	1,194	Linear Feet	100' Prestressed Concrete Beam, Type FIB-36
2140	804-C207	(S)	1,794	Linear Feet	150' Prestressed Concrete Beam, Type FIB-63
2150	804-C208	(S)	1,190	Linear Feet	60' Prestressed Concrete Beam, Type FIB-36
2160	805-A001	(S)	799,656	Pounds	Reinforcement
2170	805-C001	(S)	25,530	Pounds	Reinforcement, Corrosion Resistant
2180	813-A004	(S)	3,120	Linear Feet	Concrete Railing, 36"
2190	815-A007	(S)	14,596	Ton	Loose Riprap, Size 300
2200	815-E001	(S)	10,310	Square Yard	Geotextile under Riprap
2210	907-803-B001	(S)	5	Each	Conventional Static Pile Load Test [\$5,000.00]
2220	907-803-I004	(S)	14	Each	PDA Test Pile, Steel Pipe Pile
2230	907-803-J001	(S)	13	Each	Pile Restrike
2240	907-804-A001	(S)	2,278	Cubic Yard	Bridge Concrete, Class BDX
2250	907-804-A002	(S)	772	Cubic Yard	Bridge Concrete, Class AA
2260	907-804-A003	(S)	1,503	Cubic Yard	Bridge Concrete, Class B

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
2270	907-823-A001		327	Linear Feet	Preformed Joint Seal, Type I
2280	907-823-A002		168	Linear Feet	Preformed Joint Seal, Type II

ADDENDUM

GENERAL INDEX

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY	1
<input checked="" type="checkbox"/> PERMANENT SIGNS	1001
<input checked="" type="checkbox"/> TRAFFIC SIGNALS	2001
<input type="checkbox"/> ITS COMPONENTS	3001
<input type="checkbox"/> LIGHTING	4001
<input type="checkbox"/> (RESERVED)	5001
<input checked="" type="checkbox"/> ROADWAY STANDARD DWGS	6001
<input type="checkbox"/> BOX CULVERT STD. DRAWINGS (LRFD)	7001
<input checked="" type="checkbox"/> BOX CULVERT STD. DRAWINGS (STD. SPEC.)	7501
<input checked="" type="checkbox"/> BRIDGE	8001
<input checked="" type="checkbox"/> CROSS SECTIONS	9001

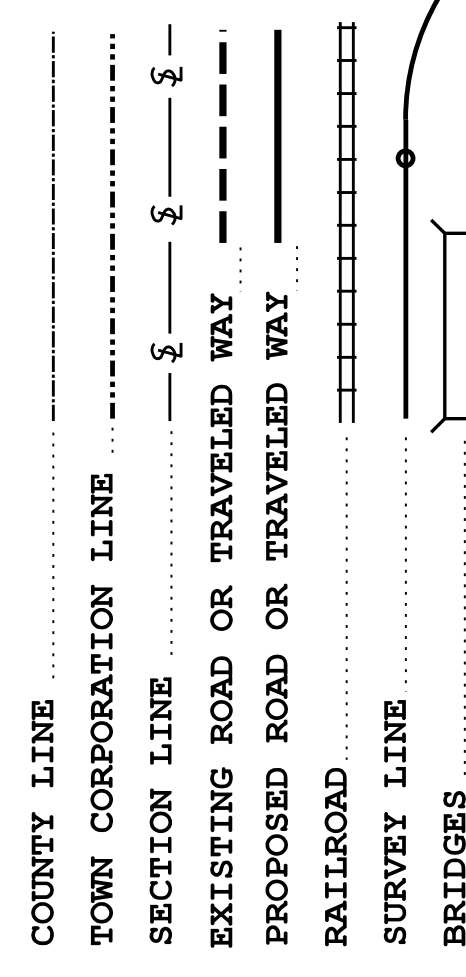
BRIDGE STRUCTURES REQ'D.

- BRIDGE A - NO. 287.6
- SR 15 @ OKANNATIE CREEK
- LT. STA. 493 + 12.88 TO STA. 497 + 35.12
- RT. STA. 493 + 43.88 TO STA. 497 + 66.12
- 2 @ 80'-1 @ 100'-2 @ 80'
- BRIDGE B - NO. 287.8
- SR 15 @ OKANNATIE CREEK RELIEF
- LT. STA. 504 + 43.92 TO STA. 506 + 46.08
- RT. STA. 504 + 43.92 TO STA. 506 + 46.08
- 1 @ 60'-1 @ 80'-1 @ 60'
- BRIDGE C - NO. 292.6
- SR 15 @ KING CREEK
- STA. 734 + 08.92 TO STA. 737 + 21.08
- 1 @ 80'-1 @ 150'-1 @ 80'

BOX BRIDGES REQ'D.

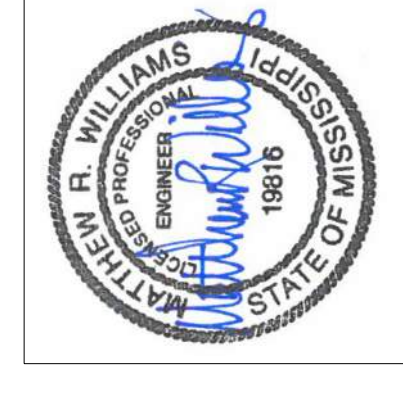
- BOX BRIDGE NO. 288.1
- SR 15 @ OKANNATIE CREEK TRIBUTARY
- STA. 518 + 50
- BOX BRIDGE NO. 292.8
- SR 15 @ KING CREEK RELIEF
- STA. 88 + 72.743

CONVENTIONAL SYMBOLS



LENGTH OF ROADWAY
 LENGTH OF BRIDGES
 LENGTH OF PROJECT (NET)
 LENGTH OF EXCEPTIONS
 LENGTH OF PROJECT (GROSS)

- EQUATIONS**
- STA. 536 + 77.711 BK = STA. 536 + 79.975 AH
 - STA. 733 + 04.494 BK = STA. 733 + 00.000 AH
 - STA. 738 + 71.177 BK = STA. 86 + 19.180 AH
 - STA. 105 + 04.232 BK = STA. 105 + 00.000 AH
- LENGTH DATA**
- 30894.98 FT. 5.85 MI.
 - 936.56 FT. 0.18 MI.
 - 0 FT. 0.00 MI.
 - 0 FT. 0.00 MI.



DATE: 5/22/2023
 ROADWAY



DATE: 8/31/2021
 SIGNALS

EXCEPTIONS
NONE

BY	DATE	REVISIONS
M2	5/22/23	CHANGED PROJECT NUMBER
M2	5/22/23	UPDATED PERMIT BLOCK
M2	5/22/23	REGIONS

APPROVED: P S & E DATE: 8 / 31 / 2021

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR



STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

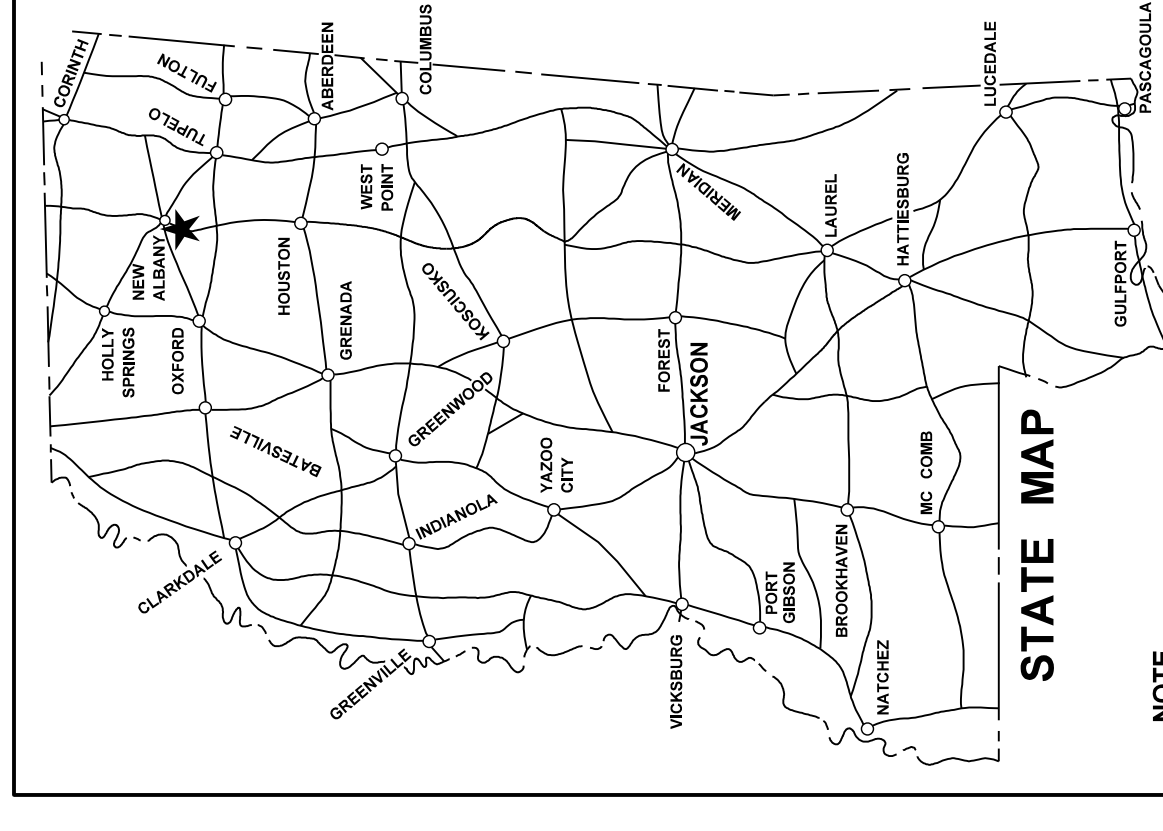
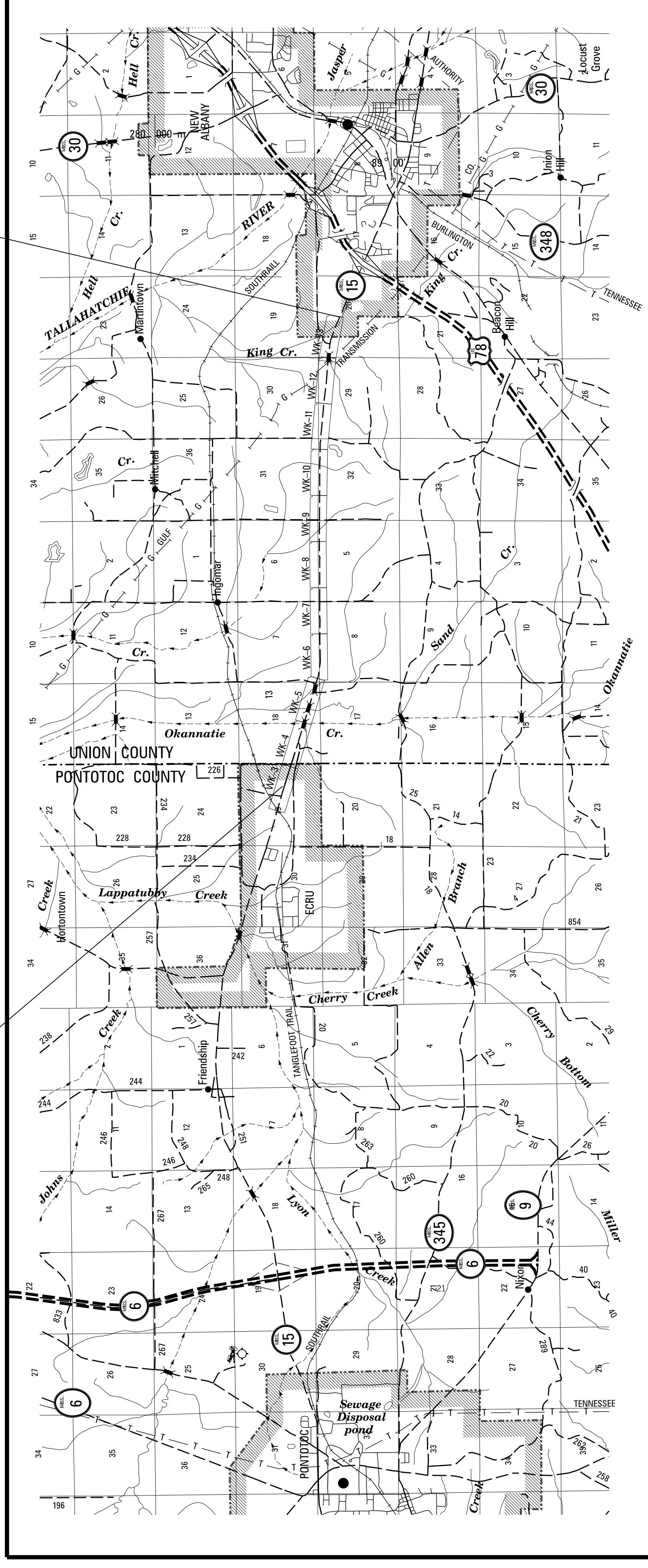
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP-0022-04(071)

SR 15 FROM THE PONTOTOC COUNTY LINE TO EXISTING 5-LANE AT NEW ALBANY UNION COUNTY
 FMS CON. NO. 102607 / 302000

PLAN 1 IN. = 100 FT.
 PROFILE 1 IN. = 100 FT.
 LAYOUT 1 IN. = 5000 FT.

B.O.P. 453 + 57

E.O.P. 110 + 00



NOTE
 * INDICATES APPROXIMATE LOCATION OF PROJECT.
 LAT. 34°22'45.80" LONG. 89°01'22.55"
 (APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL 65 MPH = V (SPEED DESIGN)	WETLANDS AND WATERS PERMITS
ADT (2020) = 11,670 ; ADT (2040) = 15,720	WATERS
DHV = 1,500 ; D = 60 % T = 11 %	NATIONWIDE #14
PERMITS ACQUIRED BY MDOT	NATIONWIDE (OTHER)*
	GENERAL*
	INDIVIDUAL (404)*
	STORMWATER PERMIT
	REQUIRED AND SUBMITTED BY MDOT
	REQUIRED SCOPE TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
	N NO STORMWATER PERMIT REQUIRED (<1 ACRE)
	APPROVED BY:

ADDENDUM

DESCRIPTION OF SHEET

WKG. NO. _____ SH. NO. _____

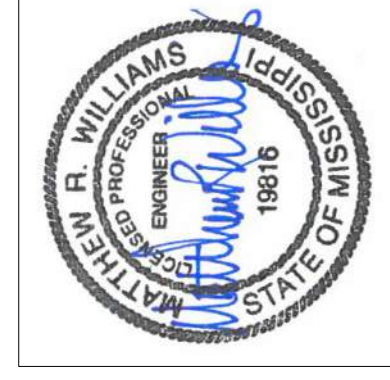
DESCRIPTION OF SHEET

WKG. NO. _____ SH. NO. _____

ROADWAY				
TITLE SHEET			1	
DETAILED INDEX & GENERAL NOTES (5)				
DETAILED INDEX	DI-1		2	
DETAILED INDEX	DI-2		3	
DETAILED INDEX	DI-3		4	
GENERAL NOTES	GN-1		5	
GENERAL NOTES	GN-2		6	
TYPICAL SECTION SHEETS (12)				
TYPICAL SECTIONS - SR 15 - 4 LANE DIVIDED NEW CONSTRUCTION	TS-1		7	
TYPICAL SECTIONS - SR 15 - 4 LANE DIVIDED WIDEN & OVERLAY AND NEW CONSTRUCTION	TS-2		8	
TYPICAL SECTIONS - SR 15 - 4 LANE DIVIDED NEW CONSTRUCTION AND PAVEMENT RECLAMATION	TS-3		9	
TYPICAL SECTIONS - SR 15 - 4 LANE DIVIDED WITH UNDERCUT	TS-4		10	
TYPICAL SECTIONS - SR 15 - 5 LANE OPEN SHOULDER AND CURB & GUTTER	TS-5		11	
TYPICAL SECTIONS - SR 15 - 5 LANE CURB & GUTTER	TS-6		12	
TYPICAL SECTIONS - SR 15 - BRIDGES	TS-7		13	
TYPICAL SECTIONS - SR 15 - CROSSOVER	TS-8		14	
TYPICAL SECTIONS - LOCAL ROADS & CHANNELIZED ISLAND	TS-9		15	
TYPICAL SECTIONS - LOCAL ROADS - CURB & GUTTER	TS-10		16	
TYPICAL SECTIONS - LOCAL ROADS - OPEN SHOULDER	TS-11		17	
TYPICAL SECTIONS - SR 15 NORTHBOND TEMPORARY CONNECTION	TS-12		18	
SUMMARY OF QUANTITIES & ESTIMATED QUANTITIES (28)				
SUMMARY OF QUANTITIES	SQ-1		19	
SUMMARY OF QUANTITIES	SQ-2		20	
SUMMARY OF QUANTITIES	SQ-3		21	
SUMMARY OF QUANTITIES	SQ-4		22	
SUMMARY OF QUANTITIES	SQ-5		23	
SUMMARY OF QUANTITIES	SQ-6		24	
ESTIMATED QUANTITIES - REMOVAL	EQ-1		25	
ESTIMATED QUANTITIES - EARTHWORKS	EQ-2		26	
ESTIMATED QUANTITIES - EROSION CONTROL	EQ-3		27	
ESTIMATED QUANTITIES - EROSION CONTROL	EQ-4		28	
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-5		29	
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-6		30	
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-7		31	
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-8		32	
ESTIMATED QUANTITIES - BOX CULVERTS EXTENSION	EQ-9		33	
ESTIMATED QUANTITIES - JUNCTION BOXES	EQ-10		34	
ESTIMATED QUANTITIES - INCIDENTAL ITEMS	EQ-11		35	
ESTIMATED QUANTITIES - DRIVEWAYS & SIDE DRAINS	EQ-12		36	
ESTIMATED QUANTITIES - DRIVEWAYS & SIDE DRAINS	EQ-13		37	
ESTIMATED QUANTITIES - GUARDRAIL, BRIDGE END PAVEMENT, AND DELINEATORS	EQ-14		38	
ESTIMATED QUANTITIES - PAVEMENT MARKINGS	EQ-15		39	
ESTIMATED QUANTITIES - STANDARD ROADSIDE ASSEMBLIES	EQ-16		40	
ESTIMATED QUANTITIES - STANDARD ROADSIDE ASSEMBLIES	EQ-17		41	
ESTIMATED QUANTITIES - STANDARD ROADSIDE ASSEMBLIES	EQ-18		42	
ESTIMATED QUANTITIES - STANDARD ROADSIDE & DIRECTIONAL SIGNS	EQ-19		43	
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS	EQ-20		44	
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-21		45	
ESTIMATED QUANTITIES - TRAFFIC SIGNALS	EQ-22		46	
PLAN & PROFILE SHEETS (33)				
SR 15 LEFT - B.O.P. TO STA. 466+50	3LT		47	
SR 15 RIGHT - B.O.P. TO STA. 466+50	3RT		48	
SR 15 NORTHBOND - TEMPORARY CONNECTION	3A		49	
SR 15 LEFT - STA. 466+50 TO STA. 496+50	4LT		50	
SR 15 RIGHT - STA. 466+50 TO STA. 496+50	4RT		51	
JOHNSON BEND / COUNTY ROAD 255 - STA. 0+00 TO STA. 12+00	4A		52	
COUNTY ROAD 106 - STA. 30+00 TO STA. 526+50	4B		53	
SR 15 LEFT - STA. 496+50 TO STA. 526+50	5LT		54	
SR 15 RIGHT - STA. 496+50 TO STA. 526+50	5RT		55	
COUNTY ROAD 107 - STA. 30+00 TO STA. 35+00	5A		56	
COUNTY ROAD 96 - STA. 25+00 TO STA. 31+00	5B		57	
SR 15 LEFT - STA. 526+50 TO STA. 555+50	6LT		58	
SR 15 RIGHT - STA. 526+50 TO STA. 555+50	6RT		59	
SR 15 LEFT - STA. 555+50 TO STA. 585+50	7LT		60	

PLAN & PROFILE SHEETS (CONTINUED)				
SR 15 RIGHT - STA. 555+50 TO STA. 585+50	7RT		61	
SR 762 & COUNTY ROAD 101 - STA. 25+00 TO STA. 35+00	7A		62	
SR 15 LEFT - STA. 585+50 TO STA. 615+50	8LT		63	
SR 15 RIGHT - STA. 585+50 TO STA. 615+50	8RT		64	
COUNTY ROAD 326 - STA. 30+00 TO STA. 39+00	8A		65	
SR 15 LEFT - STA. 615+50 TO STA. 645+50	9LT		66	
SR 15 RIGHT - STA. 615+50 TO STA. 645+50	9RT		67	
COUNTY ROAD 94 - STA. 25+00 TO STA. 35+00	9A		68	
SR 15 LEFT - STA. 645+50 TO STA. 675+50	10LT		69	
SR 15 RIGHT - STA. 645+50 TO STA. 675+50	10RT		70	
OAKS VIEW DRIVE - STA. 30+00 TO STA. 35+00	10A		71	
COUNTRY CLUB ROAD - STA. 30+00 TO STA. 35+00	10B		72	
SR 15 LEFT - STA. 675+50 TO STA. 705+50	11LT		73	
SR 15 RIGHT - STA. 675+50 TO STA. 705+50	11RT		74	
COUNTY ROAD 88 - STA. 25+00 TO STA. 35+00	11A		75	
SR 15 LEFT - STA. 705+50 TO STA. 733+00	12LT		76	
SR 15 RIGHT - STA. 705+50 TO STA. 733+00	12RT		77	
SR 15 LEFT - STA. 733+00 TO E.O.P.	13		78	
SOUTH CENTRAL AVE. - STA. 20+50 TO STA. 25+00	13A		79	
EROSION CONTROL SHEETS (35)				
SR 15 LEFT - B.O.P. TO STA. 466+50	ECP-3LT		80	
SR 15 RIGHT - B.O.P. TO STA. 466+50	ECP-3RT		81	
SR 15 LEFT - STA. 466+50 TO STA. 496+50	ECP-4LT		82	
SR 15 RIGHT - STA. 466+50 TO STA. 496+50	ECP-4RT		83	
RIPARIAN BUFFER - SR 15 - BRIDGE 287.6	EC-RB-4		84	
JOHNSON BEND / COUNTY ROAD 255 - STA. 0+00 TO STA. 12+00	ECP-4A		85	
COUNTY ROAD 106 - STA. 30+00 TO STA. 35+00	ECP-4B		86	
SR 15 LEFT - STA. 496+50 TO STA. 526+50	ECP-5LT		87	
SR 15 RIGHT - STA. 496+50 TO STA. 526+50	ECP-5RT		88	
RIPARIAN BUFFER - SR 15 - BRIDGE 287.8	EC-RB-5		89	
COUNTY ROAD 107 - STA. 30+00 TO STA. 35+00	ECP-5A		90	
COUNTY ROAD 96 - STA. 25+00 TO STA. 31+00	ECP-5B		91	
SR 15 LEFT - STA. 526+50 TO STA. 555+50	ECP-6LT		92	
SR 15 RIGHT - STA. 526+50 TO STA. 555+50	ECP-6RT		93	
SR 15 LEFT - STA. 555+50 TO STA. 585+50	ECP-7LT		94	
SR 15 RIGHT - STA. 555+50 TO STA. 585+50	ECP-7RT		95	
COUNTY ROAD 101 - STA. 25+00 TO STA. 35+00	ECP-7A		96	
SR 15 LEFT - STA. 585+50 TO STA. 615+50	ECP-8LT		97	
SR 15 RIGHT - STA. 585+50 TO STA. 615+50	ECP-8RT		98	
COUNTY ROAD 326 - STA. 30+00 TO STA. 39+00	ECP-8A		99	
SR 15 LEFT - STA. 615+50 TO STA. 645+50	ECP-9LT		100	
SR 15 RIGHT - STA. 615+50 TO STA. 645+50	ECP-9RT		101	
COUNTY ROAD 94 - STA. 25+00 TO STA. 35+00	ECP-9A		102	
SR 15 LEFT - STA. 645+50 TO STA. 675+50	ECP-10LT		103	
SR 15 RIGHT - STA. 645+50 TO STA. 675+50	ECP-10RT		104	
OAKS VIEW DRIVE - STA. 30+00 TO STA. 35+00	ECP-10A		105	
COUNTRY CLUB ROAD - STA. 30+00 TO STA. 35+00	ECP-10B		106	
SR 15 LEFT - STA. 675+50 TO STA. 705+50	ECP-11LT		107	
SR 15 RIGHT - STA. 675+50 TO STA. 705+50	ECP-11RT		108	
COUNTY ROAD 88 - STA. 25+00 TO STA. 35+00	ECP-11A		109	
SR 15 LEFT - STA. 705+50 TO STA. 733+00	ECP-12LT		110	
SR 15 RIGHT - STA. 705+50 TO STA. 733+00	ECP-12RT		111	
RIPARIAN BUFFER - SR 15 - BRIDGE 292.6	EC-RB-12		112	
SR 15 LEFT - STA. 733+00 TO E.O.P.	ECP-13		113	
SOUTH CENTRAL AVE. - STA. 20+50 TO STA. 25+00	ECP-13A		114	

PS & E PLANS - DATE 8/31/2021	
FMS CON. # 102607/302000	
REVISIONS	
DATE	SHEET NO. BY
3/15/23	1,5,8,10,18,19,20,26, 37,50,51,54,55,73,74, 75,76,79,82,83,87,88 107,108,109,112,113 114 MU
5/22/23	16,73,108,18,19,20,21,22 23,24,26,33,54,76,112 MU



DATE: 5/22/2023
ROADWAY
SIGNAL S



DATE: 8/31/2021

BY	REVISION	DATE	FILE NAME: D:\dgn
			DESIGN TEAM: GRESHAM
			SMITH CHECKED: _____
			UPDATE: _____
			DATE: _____

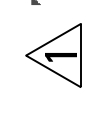
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
DETAILED INDEX

PROJ. NO.: STP-0022-04(040)
COUNTY: UNION

WORKING NUMBER: **DI-1**
SHEET NUMBER: **2**

GENERAL NOTES (CONTINUED)

- (31) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (32) 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.
- (33) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- (34) 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.
- (35) 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.
- (36) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- (37) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND RELOCATING MAIL BOXES AS NECESSARY TO MAINTAIN CONTINUOUS MAIL SERVICE THROUGHOUT THE LIFE OF THE PROJECT, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (38) THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- (39) 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.
- (40) SEE TC-GN2 FOR ADDITIONAL TRAFFIC CONTROL GENERAL NOTES.
- (41) SEE PSP-GN FOR PERMANENT SIGNING GENERAL NOTES.
- (42) WHERE PROJECT NUMBER STP-0022-04(040) IS SHOWN IN THE PLANS, IT IS UNDERSTOOD TO INSTEAD BE STP-0022-04(071).



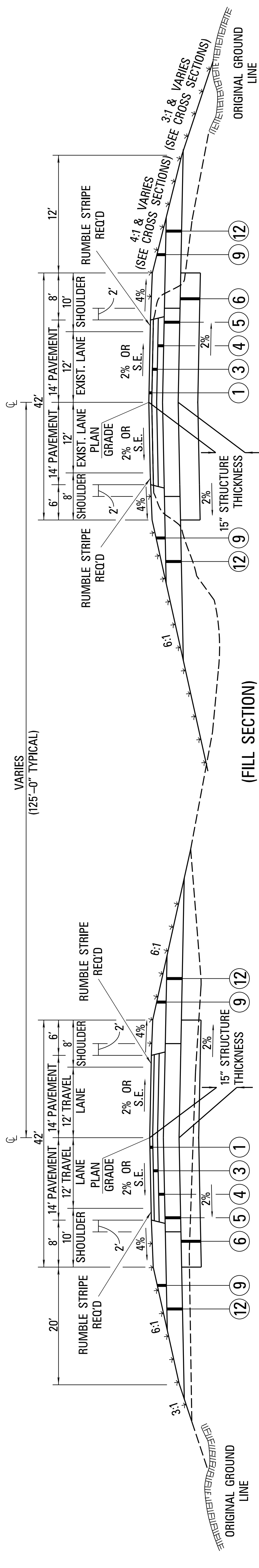
MISSISSIPPI DEPARTMENT OF TRANSPORTATION GENERAL NOTES SR 15			WORKING NUMBER GN-2
PROJ. NO.: STP-0022-04(040) COUNTY: UNION			SHEET NUMBER 6
BY	DATE	FILENAME: GN.dgn	DESIGN TEAM: GRESHAM SMITH
MJ	5/22/23	ADDED NOTE	CHECKED
		REVISION	DATE
		42	

ADDENDUM

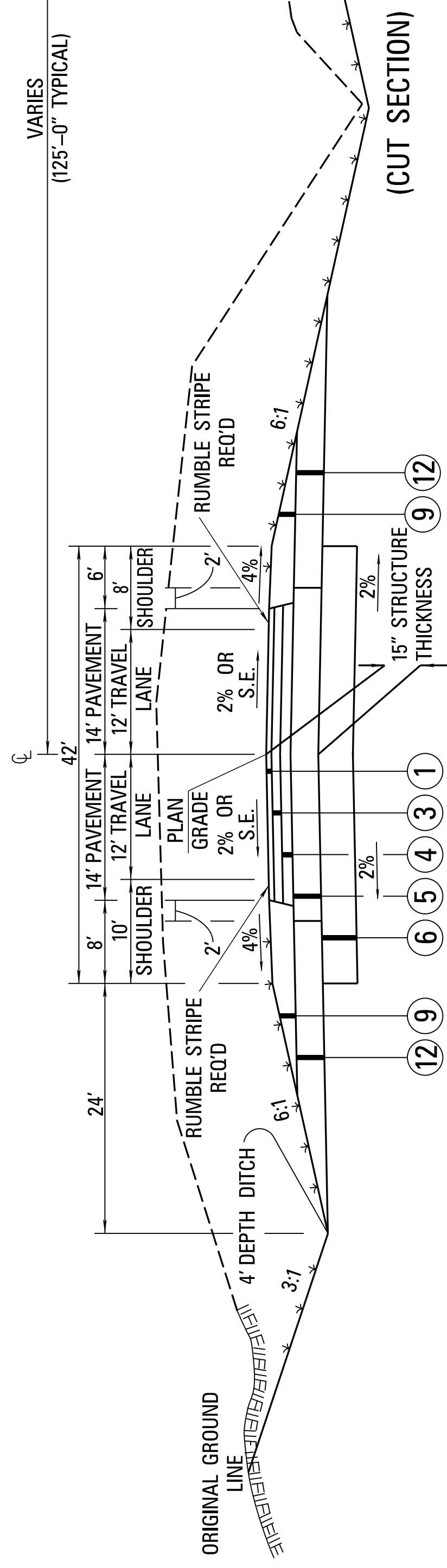
FMS CON: 102607/302000

STATE	PROJECT NO.
MISS.	STP-0022-04(040)

DATA FOR PAVEMENT DETERMINATION	
(2020) ADT =	11670 Current
(2030) ADT =	13550 Design
(2040) ADT =	15720
DHV =	50 % of DHV
D =	50 % of DHV
T (total) =	11 % of DHV
18K (Rigid) =	985 / 1000
18K (Flex) =	635 / 1000
Design CBR =	4



PROPOSED LEFT LANE (NEW CONSTRUCTION)



EXISTING RIGHT LANE (NEW CONSTRUCTION)

TYPICAL SECTION - SR 15** NEW CONSTRUCTION

- STA. 492 + 00.00 TO STA. 493 + 43.88
- STA. 497 + 66.12 TO STA. 499 + 00.00
- STA. 503 + 00.00 TO STA. 504 + 43.92
- STA. 506 + 46.08 TO STA. 508 + 00.00
- STA. 715 + 00.00 TO STA. 727 + 00.00

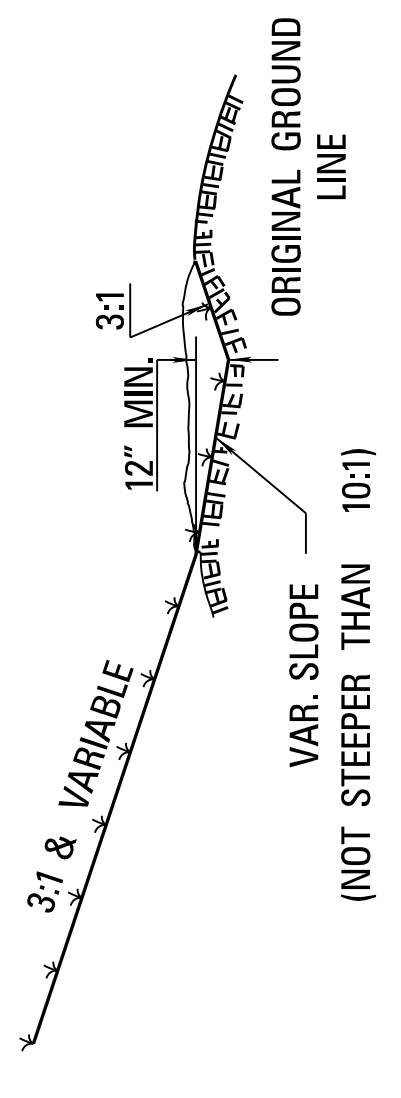
- 1 1.50" ASPHALT, MT (9.5MM MIXTURE) (1 @ 1.50")
- 3 2.50" ASPHALT, MT (12.5 MM MIXTURE) (1 @ 2.50")
- 4 3.00" ASPHALT, MT (19MM MIXTURE) (1 @ 3.00")
- 5 8.00" CEMENT TREATED GRANULAR MATERIAL (CLASS 9, GROUP C)
- 6 10.00" CHEMICALLY TREATED SUBGRADE*
- 9 7.00" GRANULAR MATERIAL (CLASS 3, GROUP C)
- 12 8.00" GRANULAR MATERIAL (CLASS 9, GROUP C) Δ

INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE VS-1

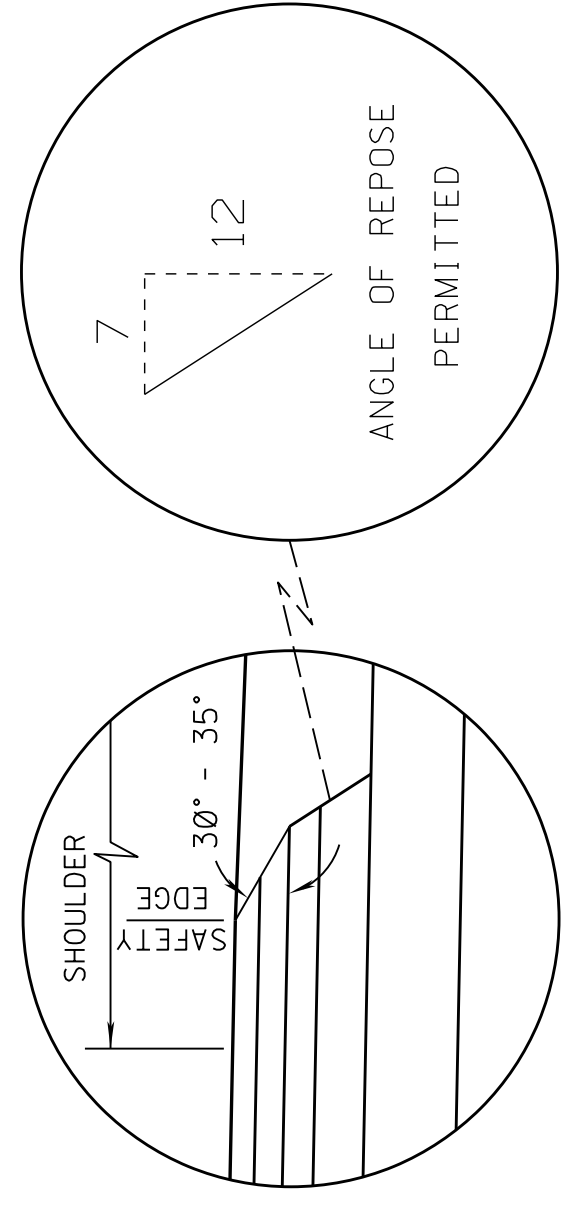
* PLAN WILL INCLUDE QUANTITIES FOR SOIL CEMENT TREATMENT (4% CEMENT) OF 50% OF THE SUBGRADE AND LIME TREATMENT (6% LIME) OF THE REMAINING 50% OF THE SUBGRADE. CHEMICAL TREATMENT SHALL EXTEND FROM OUTSIDE SHOULDER EDGE TO OUTSIDE SHOULDER EDGE.

NOTE: THIS BREAKDOWN OF CHEMICAL TREATMENT IS FOR THE PURPOSE OF PLAN QUANTITY ESTIMATION ONLY. THE SELECTION OF ACTUAL TREATMENT WILL BE MADE DURING CONSTRUCTION.

** STATIONING IS BASED ON THE LEFT LANE ALIGNMENT



NOT TO SCALE



SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
NEW CONSTRUCTION

BY	REVISION	DATE
MC	CHANGED GRANULAR TO 9:C	5/22/23

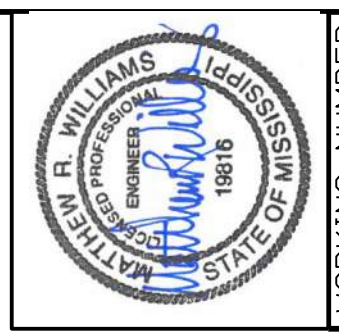
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

SR 15
4 LANE DIVIDED
NEW CONSTRUCTION

PROJ. NO.: STP-0022-04(040)
COUNTY: UNION

WORKING NUMBER
TS-1

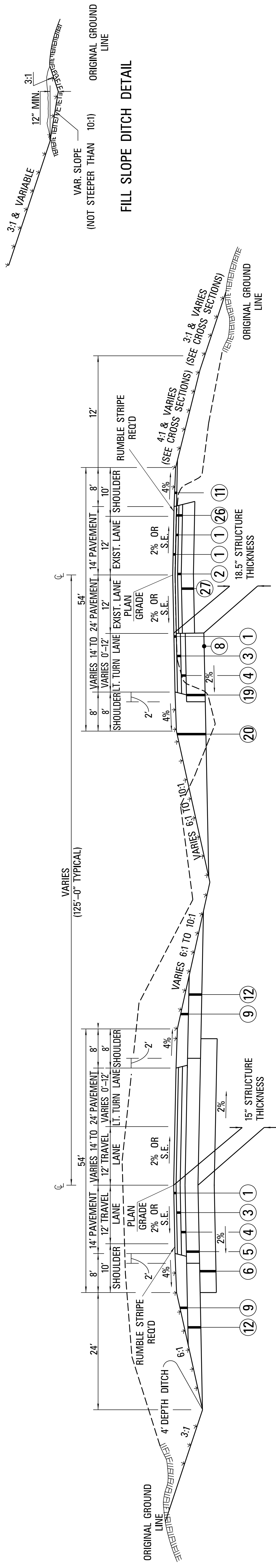
FILENAME: _typ_sh.dgn
DESIGN TEAM: GRESHAM SMITH CHECKED: DATE: DATE: SHEET NUMBER
7



ADDENDUM

FMS CON: 102607/302000

STATE	PROJECT NO.
MISS.	STP-0022-04(040)



PROPOSED LEFT LANE (NEW CONSTRUCTION) NEW CONSTRUCTION AND PAVEMENT RECLAMATION
EXISTING RIGHT LANE (WIDENING & OVERLAY)

TYPICAL SECTION - SR 15**

NEW CONSTRUCTION AND PAVEMENT RECLAMATION

- STA. 468 + 00.00 TO STA. 492 + 00.00**
- STA. 499 + 00.00 TO STA. 503 + 00.00**
- STA. 508 + 00.00 TO STA. 529 + 00.00**

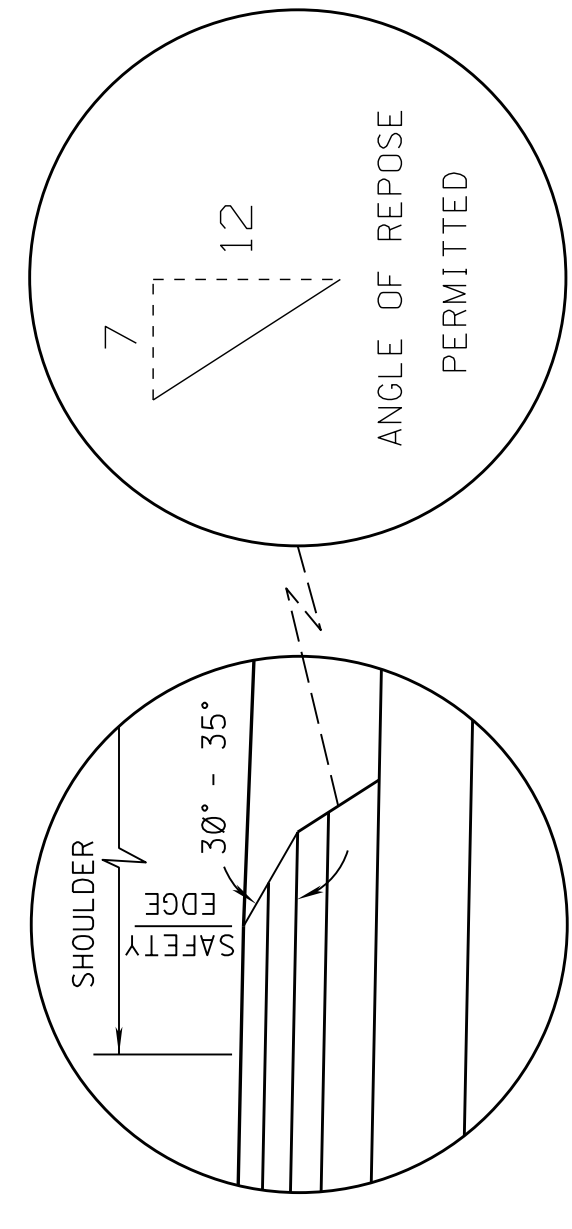
- ① 1.50" ASPHALT, MT (9.5MM MIXTURE) (1 @ 1.50")
- ② 2.25" ASPHALT, MT (12.5 MM MIXTURE) (1 @ 2.25")
- ③ 2.50" ASPHALT, MT (12.5 MM MIXTURE) (1 @ 2.50")
- ④ 3.00" ASPHALT, MT (19MM MIXTURE) (1 @ 3.00")
- ⑤ 8.00" CEMENT TREATED GRANULAR MATERIAL (CLASS 9, GROUP C)
- ⑥ 10.00" CHEMICALLY TREATED SUBGRADE*
- ⑧ GEOTEXTILE FABRIC TYPE V (NON WOVEN)
- ⑨ 7.00" GRANULAR MATERIAL (CLASS 3, GROUP C)
- ⑪ 1.50" GRANULAR MATERIAL (CLASS 3, GROUP C)
- ⑫ 8.00" GRANULAR MATERIAL (CLASS 9, GROUP C) ▲
- ⑲ 11.50" CRUSHED STONE
- ⑳ 18.50" GRANULAR MATERIAL (CLASS 3, GROUP C)
- ㉖ 3.75" MILLING
- ㉗ 7.50" MIX ROADBED RECLAMATION WITH CEMENT

▲ INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE VS-1

* PLAN WILL INCLUDE QUANTITIES FOR SOIL CEMENT TREATMENT (4% CEMENT) OF 50% OF THE SUBGRADE AND LIME TREATMENT (6% LIME) OF THE REMAINING 50% OF THE SUBGRADE. CHEMICAL TREATMENT SHALL EXTEND FROM OUTSIDE SHOULDER EDGE TO OUTSIDE SHOULDER EDGE.

NOTE: THIS BREAKDOWN OF CHEMICAL TREATMENT IS FOR THE PURPOSE OF PLAN QUANTITY ESTIMATION ONLY. THE SELECTION OF ACTUAL TREATMENT WILL BE MADE DURING CONSTRUCTION.

** STATIONING IS BASED OFF OF LEFT LANE ALIGNMENT

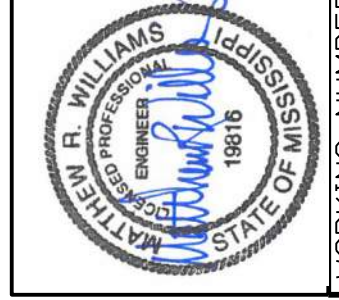


**SAFETY EDGE REQ'D
 TOP 2 LIFTS ONLY
 (NOT A PAY ITEM)
 NEW CONSTRUCTION**

BY	MS
REVISION	
DATE	5/22/23
CHANGED GRANULAR TO G.C.	
FILENAME: typ_sh.dgn	
DESIGN TEAM: GRESHAM SMITH	CHECKED DATE
	WORKING NUMBER
	TS-3
	SHEET NUMBER
	9

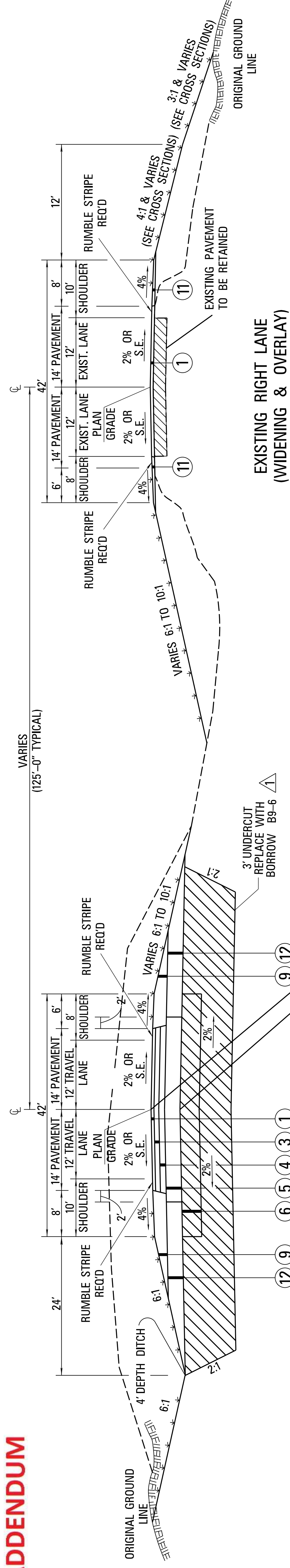
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS

SR 15
4 LANE DIVIDED
NEW CONSTRUCTION AND
PAVEMENT RECLAMATION
 PROJ. NO.: STP-0022-04(040)
 COUNTY: UNION



ADDENDUM

VARIES
(125'-0" TYPICAL)



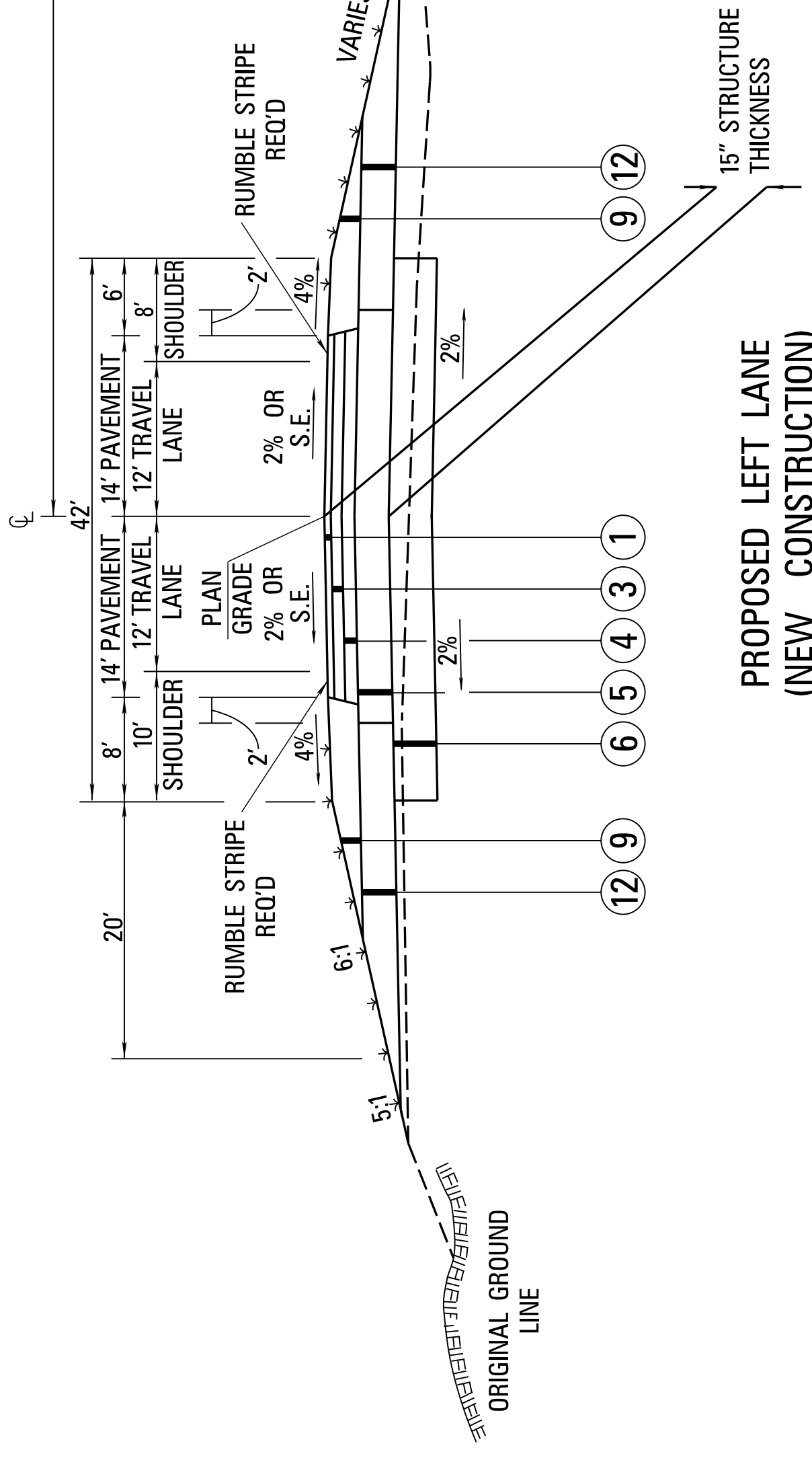
**PROPOSED LEFT LANE
(NEW CONSTRUCTION)**

**EXISTING RIGHT LANE
(WIDENING & OVERLAY)**

TYPICAL SECTION - SR 15**

WIDEN & OVERLAY AND NEW CONSTRUCTION WITH UNDERCUT

STA. 537 + 00.00 TO STA. 545 + 00.00



**PROPOSED LEFT LANE
(NEW CONSTRUCTION)**

**EXISTING RIGHT LANE
(WIDENING & OVERLAY)**

TYPICAL SECTION - SR 15**

WIDEN & OVERLAY AND NEW CONSTRUCTION WITH TRANSITIONING SIDE SLOPES

STA. 532 + 00.00 TO STA. 537 + 00.00

STA. 545 + 00.00 TO STA. 552 + 00.00

- ① 1.50" ASPHALT, MT (9.5MM MIXTURE) (1 @ 1.50")
- ③ 2.50" ASPHALT, MT (12.5 MM MIXTURE) (1 @ 2.50")
- ④ 3.00" ASPHALT, MT (19MM MIXTURE) (1 @ 3.00")
- ⑤ 8.00" CEMENT TREATED GRANULAR MATERIAL (CLASS 9, GROUP C)
- ⑥ 10.00" CHEMICALLY TREATED SUBGRADE*
- ⑨ 7.00" GRANULAR MATERIAL (CLASS 3, GROUP C)
- ⑩ 1.50" GRANULAR MATERIAL (CLASS 3, GROUP C)
- ⑫ 8.00" GRANULAR MATERIAL (CLASS 9, GROUP C)

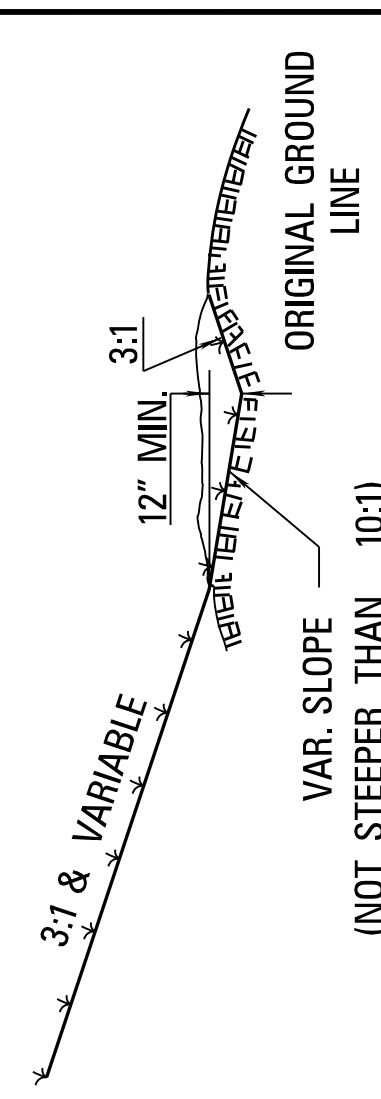
* INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE VS-1

* PLAN WILL INCLUDE QUANTITIES FOR SOIL CEMENT TREATMENT (4% CEMENT) OF 50% OF THE SUBGRADE AND LIME TREATMENT (6% LIME) OF THE REMAINING 50% OF THE SUBGRADE. CHEMICAL TREATMENT SHALL EXTEND FROM OUTSIDE SHOULDER EDGE TO OUTSIDE SHOULDER EDGE.

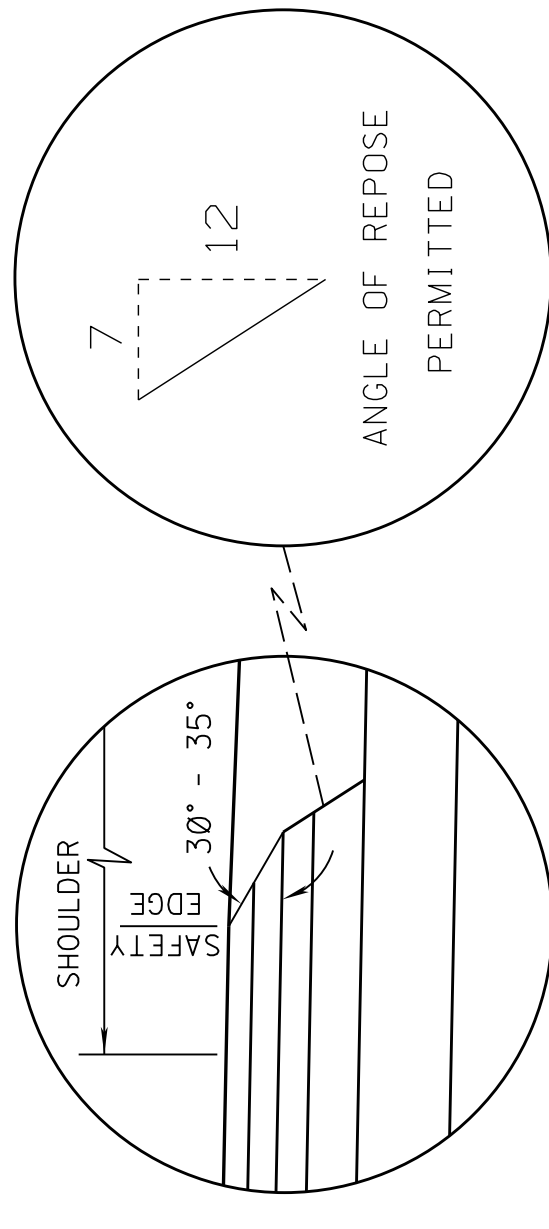
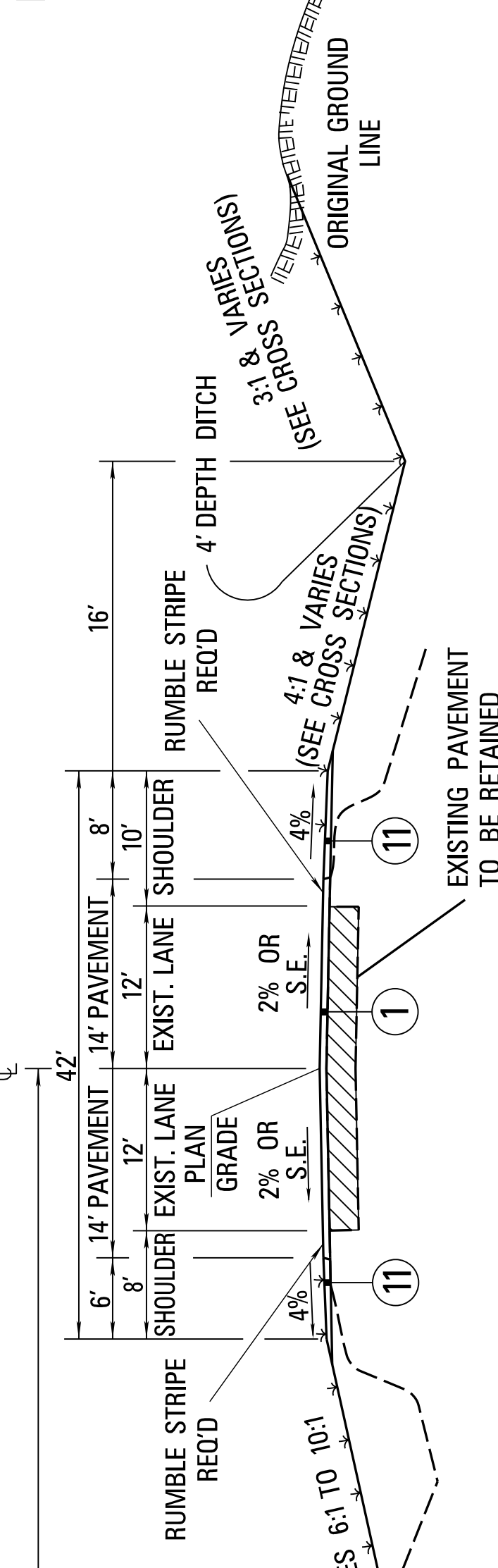
NOTE: THIS BREAKDOWN OF CHEMICAL TREATMENT IS FOR THE PURPOSE OF PLAN QUANTITY ESTIMATION ONLY. THE SELECTION OF ACTUAL TREATMENT WILL BE MADE DURING CONSTRUCTION.

** STATIONING IS BASED OFF OF LEFT LANE ALIGNMENT

FMS CON: 102607/302000
STATE PROJECT NO.
MISS. STP-0022-04(040)



FILL SLOPE DITCH DETAIL



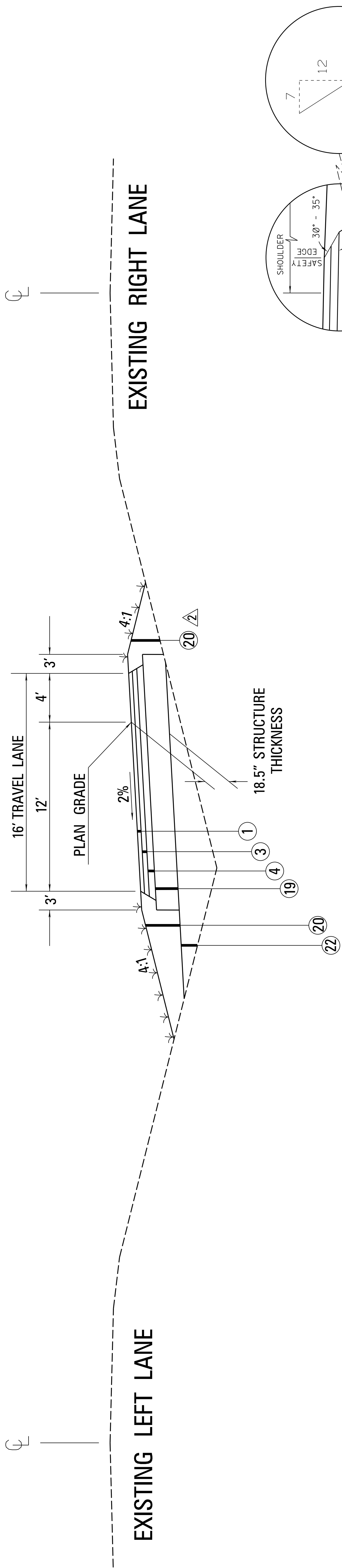
**SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
NEW CONSTRUCTION**

NOT TO SCALE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
TYPICAL SECTIONS	
SR 15 4 LANE DIVIDED WITH UNDERCUT	
PROJ. NO.: STP-0022-04(040) COUNTY: UNION	
DATE	FILENAME: typ_sh.dgn
BY	DESIGN TEAM: GRESHAM SMITH
REVISION	CHECKED
DATE	UPDATE
5/22/23	CHANGED GRANULAR TO 9C
5/15/23	UPDATED BORROW MATERIAL
MC	
MC	
WORKING NUMBER	TS-4
SHEET NUMBER	10

ADDENDUM

FMS CON: 102607/302000
 STATE PROJECT NO.
 MISS. STP-0022-04(040)

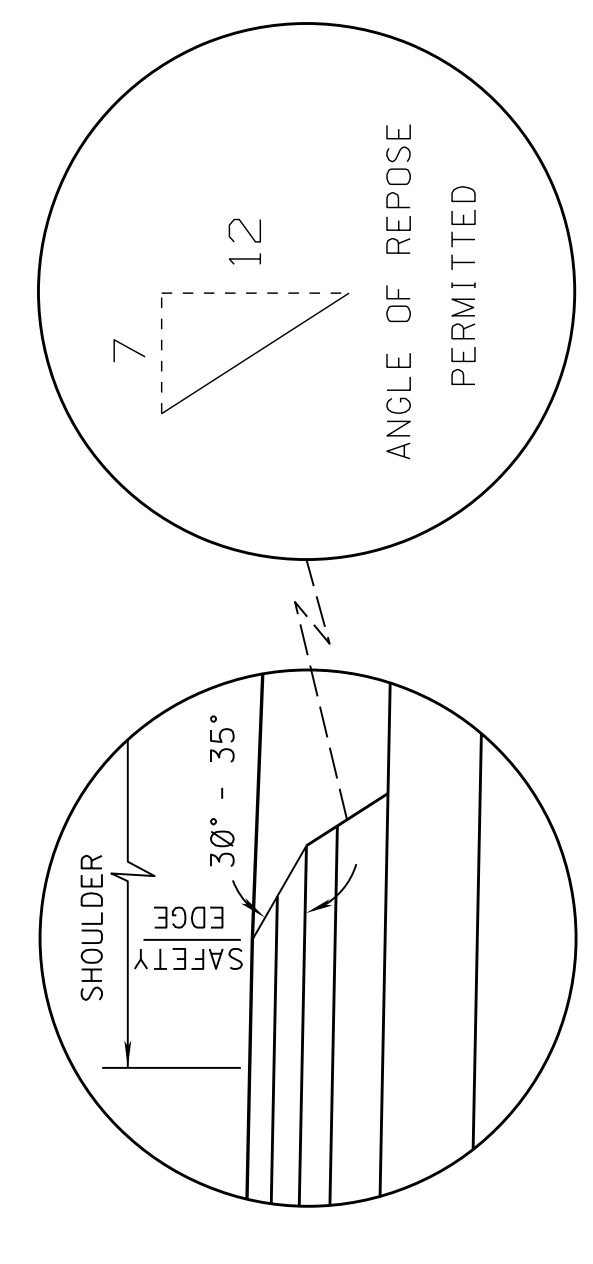


TYPICAL SECTION SR 15 NORTHBOUND - TEMPORARY CONNECTION AT B.O.P.

STA. 10 + 00.00 TO STA. 22 + 71.252

- ① 1.50" ASPHALT, MT (9.5MM MIXTURE) (1 @ 1.50')
- ③ 2.50" ASPHALT, MT (12.5 MM MIXTURE) (1 @ 2.50')
- ④ 3.00" ASPHALT, MT (19MM MIXTURE) (1 @ 3.00')
- ⑱ 11.50" CRUSHED STONE
- ⑳ 18.50" GRANULAR MATERIAL (CLASS 3, GROUP C)
- ㉓ BORROW EXCAVATION B9-6

INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE VS-1



**SAFETY EDGE REQ'D
 TOP 2 LIFTS ONLY
 (NOT A PAY ITEM)
 NEW CONSTRUCTION**

NOT TO SCALE

5/22/23	CORRECTED LABEL FOR 3.C	MJ	
5/15/23	UPDATED BORROW MATERIAL	MJ	
DATE	REVISION	BY	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION TYPICAL SECTIONS			
SR 15 NORTHBOUND TEMPORARY CONNECTION			
PROJ. NO.: STP-0022-04(040)		WORKING NUMBER	
COUNTY: UNION		TS-12	
FILENAME: _typ_sh.dgn		SHEET NUMBER	
DESIGN TEAM: GRESHAM SMITH		18	
CHECKED		DATE	
UPDATE		DATE	



WORKING NUMBER
 TS-12
 SHEET NUMBER
 18

ADDENDUM

STATE MISS PROJECT NO. STP-0022-04(071)


SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	UNTON : 102607-302000	
			Prelim	Final
	*****REMOVAL ITEMS*****			
201-A001	Clearing and Grubbing	LS	1	
201-B001	Clearing and Grubbing	ACRE	1	
202-B004	Removal of Asphalt Driveways, All Depths	SY	1,133	
202-B007	Removal of Asphalt Pavement, All Depths	SY	36,646	
202-B023	Removal of Bridge	EA	3	
202-B052	Removal of Concrete Driveways, All Depths	SY	1,700	
202-B059	Removal of Concrete Median & Island Pavement, All Depths	SY	1,401	
202-B092	Removal of Curb, All Types	LF	6,395	
202-B136	Removal of Guard Rail	LF	2,076	
202-B165	Removal of Inlets, All Sizes	EA	9	
202-B191	Removal of Pipe, 8" And Above	LF	4,454	
202-B226	Removal of Soil Cement Treated Base, All Depths	SY	3,388	
202-B241	Removal of Traffic Stripe	MI	1	
	*****EARTHWORK ITEMS*****			
203-A001	Unclassified Excavation, FM, AH	CY	433,933	
203-B001	Rock Excavation, FM, AH	CY	1,700	
203-EX021	Borrow Excavation, AH, FME, Class B9-6	CY	13,371	
203-G001	Excess Excavation, FM, AH	CY	256,156	
206-A001	Structure Excavation	CY	7,647	
206-B001	Select Material for Undercuts, Contractor Furnished, FM	CY	79	
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	30,920	
	*****ROADSIDE DEVELOPMENT ITEMS*****			
211-B001	Topsoil for Slope Treatment, Contractor Furnished	CY	76	
213-C001	Superphosphate	TON	96	
216-A001	Solid Sodding	SY	10,676	
217-A001	Ditch Liner	SY	669	
219-A001	Watering	KGAL	214	
220-A001	Insect Pest Control	ACRE	96	
221-A001	Concrete Paved Ditch	CY	282	
223-A001	Mowing	ACRE	384	
225-A001	Grassing	ACRE	192	
225-B001	Agricultural Limestone	TON	96	
225-C001	Mulch, Vegetative Mulch	TON	384	
226-A001	Temporary Grassing	ACRE	192	
907-234-A001	Temporary Silt Fence	LF	30,000	
907-234-C001	Super Silt Fence	LF	1,750	
907-234-D001	Inlet Siltation Guard	EA	45	
907-234-F001	Turbidity Barrier	LF	200	
235-A001	Temporary Erosion Checks	EA	347	
236-A008	Silt Basin, Type D	EA	39	
237-A002	Wattles, 20"	LF	1,380	
239-A001	Temporary Slope Drains	LF	10,000	
245-A001	Silt Dike	LF	1,160	

- ① INCLUDES TERMINAL SECTIONS, BRIDGE END SECTIONS, POSTS, AND OTHER APPURTENANCES.
- ② TO BE USED AT PAVED DITCHES, PAVED FLUMES, AND INLETS.
- ③ EXISTING BRIDGES TO BE REMOVED: BRIDGE NO. 287.6 STA. 494+10, SPANS APPROX. 280'; BRIDGE NO. 287.8 STA. 504+80, SPANS APPROX. 140'; BRIDGE NO. 292.6 STA. 733+05, SPANS APPROX. 200'. REMOVAL OF EXISTING BRIDGE RAIL AND CURB ON PHASE CONSTRUCTION OF KINGS CREEK BRIDGE SHALL BE ABSORBED IN THIS PAY ITEM.
- ④ SAW CUT OF CONCRETE DRIVEWAYS REQUIRED FOR REMOVAL IS COST ABSORBED.
- ⑤ 5825 CY FOR DRAINAGE STRUCTURES. 1822 CY FOR BOX CULVERT EXTENSIONS.
- ⑥ ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER.
- ⑦ 79 CY FOR BOX CULVERT EXTENSIONS.
- ⑧ 278 CY FOR PAVED FLUMES AND PAVED APRONS. 4 CY FOR EDGE DRAIN OUTLETS.
- ⑨ FOR TEMPORARY EASEMENTS.
- ⑩ LAYERS OF ROCK WHICH CAN BE REMOVED WITHOUT SPECIALIZED EQUIPMENT WILL BE PAID FOR AS UNCLASSIFIED EXCAVATION. SPECIALIZED EQUIPMENT WILL BE DEFINED AS EQUIPMENT NOT USED IN NORMAL EARTHWORK OPERATIONS, SUCH AS A TRACK HOE, EXCAVATOR, SCRAPER, ETC.
- ⑪ REMOVAL OF EXISTING BRIDGE END PAVEMENTS ON EXISTING SR 15.
- ⑫ FOR USE WITHIN THE RIGHT-OF-WAY.
- ⑬ INCLUDES 10,000 CU. YDS. FOR UNDERCUTS SHOWN ON TS-4 AND 3371 CU. YDS. FOR TEMPORARY CONNECTION SHOWN ON TS-12.

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES**

03/15/2023 UPDATED PAY ITEMS, ADJUSTED QUANTITY.	05/22/2023 REVISD PAY ITEM QUANTITIES AND FOOTNOTES.	Revision by	
PROJ NO: STP-0022-04(071) COUNTY: UNION		Working Number SQ-1	Sheet Number 19
FILENAME: SQS Design Team Gresham-Smith		Checked	Date 05/19/2023



ADDENDUM

STATE MISS PROJECT NO. STP-0022-04(071)

SUMMARY OF QUANTITIES (SHEET 2)

PAY ITEM NO.	PAY ITEM	UNIT	UNTON : 102607-302000	
			Prelim	Final
246-A001	Sandbags	LF	570	
246-B001	Rockbags	EA	570	
247-A001	Temporary Stream Diversion	EA	4	
249-A001	Riprap for Erosion Control	TON	1,044	
249-B001	Remove and Reset Riprap	CY	460	
907-253-A001	Coir Fiber Baffle	LF	7,181	
	*****BASE ITEMS*****			
304-C001	Granular Material, AEA, Class 3, Group C	CY	106,153	
304-C009	Granular Material, AEA, Class 9, Group C	CY	21,362	
304-F001	3/4" and Down Crushed Stone Base	TON	25,700	
	OR			
304-F002	Size 610 Crushed Stone Base	TON	25,700	
	OR			
304-F003	Size 825B Crushed Stone Base	TON	25,700	
	*****SUBGRADE TREATMENT*****			
307-B001	10" Soil-Lime-Water Mixing, Class B	SY	63,086	
307-D001	Lime	TON	1,619	
307-S001	Bituminous Curing Seal	GAL	15,772	
308-A001	Cement	TON	1,079	
308-B002	Soil-Cement-Water Mixing, Optional Mixers, Base	SY	63,086	
308-S001	Bituminous Curing Seal	GAL	15,772	
	*****GRANULAR MATERIAL TREATMENT*****			
308-A001	Cement	TON	1,442	
308-B003	Soil-Cement-Water Mixing, Optional Mixers, Design Soil	SY	96,131	
308-S001	Bituminous Curing Seal	GAL	24,033	
	*****RIGID PAVEMENT ITEMS*****			
403-A002	12.5-mm, MT, Asphalt Pavement	TON	26,460	
403-A005	19-mm, MT, Asphalt Pavement	TON	28,387	
403-A014	9.5-mm, MT, Asphalt Pavement	TON	22,267	
403-B002	12.5-mm, MT, Asphalt Pavement, Leveling	TON	298	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	19,256	
407-A001	Asphalt for Tack Coat	GAL	19,803	
413-E001	Sawing and Sealing Transverse Joints in Asphalt Pavement	LF	517	
423-A001	Rumble Strips, Ground In	MI	20	
907-424-A001	Roadbed Reclamation with Cement	SY	15,244	
502-A001	Reinforced Cement Concrete Bridge End Pavement	SY	1,179	
503-C010	Saw Cut, Full Depth	LF	176	
	*****DRAINAGE ITEMS*****			
601-A001	Class "B" Structural Concrete	CY	310	
601-B001	Class "B" Structural Concrete, Minor Structures	CY	81	
602-A001	Reinforcing Steel	LBS	56,563	
603-ALT003	18" Type A Alternate Pipe	LF	2,312	
603-ALT006	24" Type A Alternate Pipe	LF	320	
603-ALT009	30" Type A Alternate Pipe	LF	40	

- ① INCLUDES 5608 CY FOR DRIVEWAYS AND 14390 CY FOR TEMPORARY CONNECTION.
- ② TO BE USED TO CONSTRUCT BOX CULVERT EXTENSIONS.
- ③ QUANTITY INCLUDES 20% SHRINKAGE FACTOR. INCLUDES 3690 TON FOR TEMPORARY CONNECTION AT BOP.
- ④ FOR TREATMENT OF SUBGRADE.
- ⑤ FOR TREATMENT OF GRANULAR MATERIAL.
- ⑥ INCLUDES 635 TONS FOR DRIVEWAYS AND 171 TONS FOR TEMPORARY CONNECTION AT BOP.
- ⑦ 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.
- ⑧ INCLUDES 381 TON FOR DRIVEWAYS AND 103 TON FOR TEMPORARY CONNECTION AT BOP.
- ⑨ 6560 LBS. FOR DRAINAGE STRUCTURES. 50003 LBS FOR BOX CULVERT EXTENSIONS.
- ⑩ FOR TYPE D SILT BASINS.
- ⑪ SAW CUTTING IS FOR BRIDGE END PAVEMENTS ON EXISTING SR 15.
- ⑫ FOR BOX CULVERT EXTENSIONS.
- ⑬ 80 CY FOR DRAINAGE STRUCTURES. 1 CY FOR SIGN POSTS.
- ⑭ INCLUDES 205 TON FOR TEMPORARY CONNECTION AT BOP.

03/15/2023	UPDATED PAY ITEMS, ADJUSTED QUANTITY.	M
05/22/2023	REVISED PAY ITEM QUANTITIES AND FOOTNOTES.	M
	Revision	By

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

PROJ NO: STP-0022-04(071)
 COUNTY: UNION

Working Number **SQ-2**
 Sheet Number **20**

FILENAME: SQS
 Design Team Gresham-Smith Checked Date 05/19/2023



ADDENDUM

STATE	PROJECT NO.
MISS	STP-0022-04(071)

SUMMARY OF QUANTITIES (SHEET 3)

PAY ITEM NO.	PAY ITEM	UNIT	UNTON : 102607-302000	
			Prelim	Final
603-CA011	18" Reinforced Concrete Pipe, Class III	LF	3,264	
603-CA026	24" Reinforced Concrete Pipe, Class III	LF	3,352	
603-CA040	30" Reinforced Concrete Pipe, Class III	LF	664	
603-CA055	36" Reinforced Concrete Pipe, Class III	LF	320	
603-CA066	42" Reinforced Concrete Pipe, Class III	LF	268	
603-CA076	48" Reinforced Concrete Pipe, Class III	LF	632	
603-CB003	18" Reinforced Concrete End Section	EA	28	
603-CB004	24" Reinforced Concrete End Section	EA	35	
603-CB005	30" Reinforced Concrete End Section	EA	7	
603-CB006	36" Reinforced Concrete End Section	EA	2	
603-CB007	42" Reinforced Concrete End Section	EA	1	
603-CB008	48" Reinforced Concrete End Section	EA	4	
603-CE002	22" x 13" Concrete Arch Pipe, Class A III	LF	288	
603-CE008	29" x 18" Concrete Arch Pipe, Class A III	LF	120	
603-CF002	22" x 13" Concrete Arch Pipe End Section	EA	6	
603-CF003	29" x 18" Concrete Arch Pipe End Section	EA	3	
603-SB012	18" Branch Connections, Stub into Box Culvert	EA	3	
603-SB028	24" Branch Connections, Stub into Box Culvert	EA	1	
604-A001	Castings	LBS	1,106	
604-B001	Gratings	LBS	3,822	
	*****UNDERDRAIN ITEMS*****			
605-AA001	Geotextile for Subsurface Drainage, Type III	SY	1,682	①
605-O002	4" Perforated Sewer Pipe for Underdrains, SDR 23.5	LF	563	
605-P002	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5	LF	104	
605-W001	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM	CY	130	②
605-W002	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM	CY	144	③
605-W002	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM	CY	229	④
	OR			
605-W003	Filter Material for Combination Storm Drain and/or Underdrains, Type C, FM	CY	229	④
	*****GUARD RAIL ITEMS*****			
606-B001	Guard Rail, Class A, Type 1	LF	1,300	
606-D022	Guard Rail, Bridge End Section, Type I	EA	12	
606-E005	Guard Rail, Terminal End Section, Flared	EA	8	
606-E007	Guard Rail, Terminal End Section, Non-Flared	EA	5	
	*****INCIDENTAL CONSTRUCTION ITEMS*****			
609-D004	Combination Concrete Curb and Gutter Type 2 Modified	LF	6,014	
609-D012	Combination Concrete Curb and Gutter Type 3A Modified	LF	3,801	
614-A001	Concrete Driveway, Without Reinforcement	SY	1,176	
615-A024	Concrete Bridge End Barrier, 37.5"	LF	200	
616-A001	Concrete Median and/or Island Pavement, 10-inch	SY	1,792	
616-A004	Concrete Median and/or Island Pavement, 4-inch	SY	19,055	
617-A001	Right-of-Way Marker	EA	303	
	*****TRAFFIC CONTROL ITEMS*****			
618-A001	Maintenance of Traffic	LS	1	⑤

- ① 1311 SY FOR DRAINAGE STRUCTURES.
- 371 SY FOR EDGE DRAINS.
- ② 105 SY FOR DRAINAGE STRUCTURES.
- 25 SY FOR EDGE DRAINS.
- ③ FOR DRAINAGE STRUCTURES.
- ④ FOR BRIDGE END PAVEMENT.
- ⑤ HISTORIC SIGN AT STA. 731+00 22' LT. TO BE REMOVED AND RESET THE HISTORIC SIGN SHALL BE COST ABSORBED UNDER PAY ITEM 618-A001 MAINTENANCE OF TRAFFIC.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SUMMARY OF QUANTITIES	
Revision	PROJ NO: STP-0022-04(071) COUNTY: UNION
by	
Working Number	SQ-3
Sheet Number	21
Design Team	Gresham-Smith
Checked	
Date	05/19/2023
FILENAME: SQS	




ADDENDUM

STATE	MISS
PROJECT NO.	STP-0022-04(071)

SUMMARY OF QUANTITIES (SHEET 4)

PAY ITEM NO.	PAY ITEM	UNIT	UNTON : 102607-302000	
			Prelim	Final
619-A1001	Temporary Traffic Stripe, Continuous White	MI	22	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	18	
619-A3001	Temporary Traffic Stripe, Skip White	MI	12	
619-A4002	Temporary Traffic Stripe, Skip Yellow	MI	6	
619-A5001	Temporary Traffic Stripe, Detail	LF	62,939	
619-A6001	Temporary Traffic Stripe, Legend	SF	5,000	
619-A6002	Temporary Traffic Stripe, Legend	LF	4,204	
619-C7001	Two-Way Yellow Reflective High Performance Raised Marker	EA	918	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	70	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	5,000	
907-619-E3001	Changeable Message Sign	EA	6	
619-F1001	Concrete Median Barrier, Precast	LF	500	
619-F2001	Remove and Reset Concrete Median Barrier, Precast	LF	500	
619-G4001	Barricades, Type III, Double Faced	LF	24	
619-G4005	Barricades, Type III, Single Faced	LF	3,564	
619-G5001	Free Standing Plastic Drums	EA	1,760	
619-G7001	Warning Lights, Type "B"	EA	5	
619-G8001	Warning Lights, Type "C"	EA	25	
619-J1003	Impact Attenuator, 50 MPH	EA	2	
619-J2003	Impact Attenuator, 50 MPH, Replacement Package	EA	2	
619-J3001	Remove and Reset Impact Attenuator	EA	2	
619-K2004	Installation and Removal of Guard Rail, Type I Bridge End Section	EA	4	
619-K4001	Installation and Removal of Guardrail, Terminal End Section	EA	4	
620-A001	Mobilization	LS	1	
621-A001	Field Laboratory	EA	1	
	*****PAVEMENT MARKING ITEMS*****			
907-624-A002	6" Inverted Profile Thermoplastic Traffic Stripe, Skip White	LF	1,855	
907-624-C001	6" Inverted Profile Thermoplastic Traffic Stripe, Skip Yellow	LF	625	
907-624-E001	Inverted Profile Thermoplastic Detail Traffic Stripe, White	LF	2,668	
907-624-E003	Inverted Profile Thermoplastic Detail Traffic Stripe, Yellow	LF	1,855	
	OR			
628-G001	6" High Performance Cold Plastic Traffic Stripe, Skip White	LF	1,855	
628-I002	6" High Performance Cold Plastic Traffic Stripe, Skip Yellow	LF	625	
628-K001	High Performance Cold Plastic Detail Stripe, White	LF	2,668	
628-K002	High Performance Cold Plastic Detail Stripe, Yellow	LF	1,855	
626-A004	6" Thermoplastic Traffic Stripe, Skip White	MI	12	
626-C004	6" Thermoplastic Edge Stripe, Continuous White	MI	12	
626-D003	6" Thermoplastic Traffic Stripe, Skip Yellow	MI	2	
626-E004	6" Thermoplastic Traffic Stripe, Continuous Yellow	MI	4	
626-F003	6" Thermoplastic Edge Stripe, Continuous Yellow	MI	8	
626-G002	Thermoplastic Detail Stripe, White	LF	40,653	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	17,657	
626-H004	Thermoplastic Legend, White	SF	898	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES



PROJ NO: STP-0022-04(071)
 COUNTY: UNION

Working Number: SQ-4
 Sheet Number: 22

Revision: _____
 Design Team: Gresham-Smith
 Checked: _____
 Date: 05/19/2023

FILENAME: SQS

ADDENDUM


STATE	PROJECT NO.
MISS	STP-0022-04(071)

SUMMARY OF QUANTITIES (SHEET 5)

PAY ITEM NO.	PAY ITEM	UNIT	UNTON : 102607-302000	
			Prelim	Final
626-H005	Thermoplastic Legend, White	LF	2,180	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	674	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	1,401	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	674	
	*****ROADSIDE SIGNS AND DELINEATORS*****			
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF	605	
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	852	
630-A005	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness	SF	506	
630-C001	Square Tube Posts, 4.0 lb/ft	LF	3,541	
630-C002	Steel U-Section Posts, 2.0 lb/ft	LF	18	
630-E005	Structural Steel Angles & Bars, Aluminum Unistrut	LBS	22	
630-F002	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow	EA	39	
630-F006	Delineators, Guard Rail, White	EA	68	
630-F007	Delineators, Guard Rail, Yellow	EA	54	
630-G005	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted	EA	20	
630-K002	Welded & Seamless Steel Pipe Posts, 3"	LF	30	
907-630-PP002	Roadside Directional Signs, Sheet Aluminum, 0.125" Thickness, Ground Mounted *****TRAFFIC SIGNAL ITEMS*****	SF	269	
907-632-A010	Solid State Traffic Cabinet Assembly, Type IV Cabinet, Type 1 Controller	EA	1	
907-632-J001	Power Service Pedestal	EA	1	
907-633-A001	Uninterruptable Power Supply	EA	1	
907-634-A080	Traffic Signal Equipment Pole, Type II, 17' Shaft, 30' Arm	EA	3	
907-634-A081	Traffic Signal Equipment Pole, Type II, 17' Shaft, 35' Arm	EA	1	
907-634-A083	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm	EA	2	
907-634-C001	Pole Foundations, Class "B" Concrete	CY	12	
635-A059	Traffic Signal Head, Type 1	EA	6	
635-A065	Traffic Signal Head, Type 2 FYA	EA	2	
635-A070	Traffic Signal Head, Type 3	EA	2	
907-636-B014	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 5 Conductor	LF	2,875	
907-636-B016	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Conductor	LF	1,640	
907-636-B053	Electric Cable, Underground in Conduit, THHN, AWG #6, 3 Conductor	LF	300	
907-636-D008	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 14, 8 Conductor	LF	299	
907-637-A002	Pullbox Enclosure, Type 2	EA	13	
907-637-A003	Pullbox Enclosure, Type 3	EA	2	
907-637-C028	Traffic Signal Conduit, Underground, Type 4, 2"	LF	2,445	
907-637-C030	Traffic Signal Conduit, Underground, Type 4, 3"	LF	45	
907-637-D003	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"	LF	1,510	
638-A006	Flasher Assembly, Prepare To Stop	EA	4	
907-641-A002	Signal Stop Bar Radar Vehicle Detection Sensor, Type 2	EA	4	
907-641-B002	Signal Advanced Radar Vehicle Detection Sensor, Type 2	EA	2	
907-641-D001	Radar Vehicle Detection Cable	LF	1,964	
907-653-B001	Street Name Sign *****MISCELLANEOUS ITEMS*****	SF	47	
699-A001	Roadway Construction Stakes	LS	1	

- ① REFLECTIVE SHEETING SHALL BE PLACED ON ALL SQUARE TUBE POSTS. REFLECTIVE SHEETING COLORING SHALL BE AS FOLLOWS: RED - STOP SIGNS, YELLOW - ADVANCED WARNING SIGNS, WHITE - SPEED LIMIT SIGNS. REFLECTIVE SHEETING IS COST ABSORBED. INCLUDES OMNI-SLEEVE AND ANCHOR.
- ② SIGNAL TIMINGS SHALL BE REQUESTED TWO WEEKS IN ADVANCE OF PROPOSED SIGNAL TURN ON. TIMINGS WILL BE PROVIDED BY MDOT TED (601) 359-1454. ALL OPERATOR ENTERED DATA SHALL BE STORED AND BACKED UP ON A FLASH MEMORY DEVICE PROVIDED WITH THE CONTROLLER UNIT AT NO ADDITIONAL COST.
- ③ POWER SERVICE METER SHALL NOT BE MOUNTED ON THE CONTROLLER CABINET OR MAST ARM POLE SHAFTS. A SEPARATE POWER SERVICE PANEL FOR MOUNTING THESE ITEMS IS REQUIRED (SEE TSD-6 & 7). POLES SHALL BE HOT DIPPED, GALVANIZED, THEN FINISHED WITH DARK BRONZE. POLES TO BE DESIGNED TO 90 MPH WIND LOAD.
- ④ MEASURED UNDERGROUND HORIZONTALLY ALONG THE CONDUIT ONLY IN THE HORIZONTAL PLANE. NO ADDITIONAL QUANTITY SHALL BE ADDED FOR DEPTH OR CHANGE IN ELEVATION.
- ⑤ INSTALLATION MAY BE TRENCHING, PLOWING, OR BORING AT CONTRACTOR'S DISCRETION. BID PRICE SHALL BE THE SAME REGARDLESS OF WHICH INSTALLATION METHOD IS USED.
- ⑥ MEASURED FROM CENTER TO CENTER OF PULLBOX AND/OR FOUNDATION. MEASUREMENT OF UNDERGROUND CONDUIT SHALL BE ONLY IN THE HORIZONTAL PLANE. NO ADDITIONAL QUANTITY SHALL BE ADDED FOR THE DEPTH OF CHANGE IN ELEVATION. TRACER WIRE, MARKING TAPE, AND CONDUIT DETECTION WIRE ARE NOT REQUIRED UNLESS SPECIFICALLY CALLED OUT IN THE PLANS.
- ⑦ SEEDING OF DISTURBED AREAS TO BE ABSORBED UNDER THESE PAY ITEMS. CONTRACTOR TO BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING VEGETATIVE GROWTH UNTIL PROJECT IS ACCEPTED OR AS DIRECTED BY THE ENGINEER.
- ⑧ DRILLED OR JACKED CONDUIT SHALL BE INSTALLED AT A MINIMUM DEPTH OF 5 FEET UNLESS SHOWN OTHERWISE IN PLANS.
- ⑨ SHOWN ON THE PLANS AS RDC.
- ⑩ SHOWN ON PLANS AS POW FOR CABINET POWER.
- ⑪ MEASURED VERTICALLY ALONG THE MAST ARM POLE AND HORIZONTALLY ALONG THE MAST ARM.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES



PROJ NO: STP-0022-04(071)
 COUNTY: UNION

Working Number
SQ-5

Sheet Number
23

Revision

FILENAME: SQS
 Design Team Gresham-Smith Checked Date 05/19/2023


ADDENDUM

STATE	PROJECT NO.
MISS	STP-0022-04(071)

SUMMARY OF QUANTITIES (SHEET 6)

PAY ITEM NO.	PAY ITEM	UNIT	UNTON : 102607-302000	
			Prelim	Final
815-A007	Loose Riprap, Size 300	TON	11,179	②
815-E001	Geotextile under Riprap	SY	2,854	
815-F002	Sediment Control Stone	TON	1,517	①

- ① FOR TYPE D SILT BASINS.
- ② 9253 CY FOR TYPE D SILT BASINS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
SUMMARY OF QUANTITIES		
PROJ NO: STP-0022-04(071)		Working Number
COUNTY: UNION		SQ-6
FILENAME: SQS	Design Team: Gresham Smith	Sheet Number
Date	Checked	24
Revision	Date: 05/19/2023	

ADDENDUM

FMS CON: 102607/302000
 STATE PROJECT NO.
 MISS. STP-0022-04(040)

BOX CULVERT EXTENSIONS REQUIRED

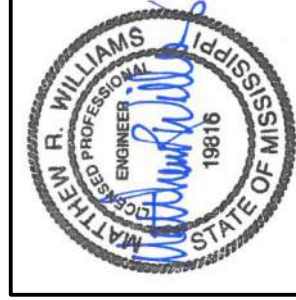
WK. NO.	STATION	SIZE	LENGTH	STANDARD DRAWINGS / SPECIAL DESIGN SHEETS REQUIRED	CLASS "B" CONCRETE	REINF. STEEL	STRUC. EXCAV.		COVER	SELECT MAT'L.	LENGTH ALONG CENTERLINE	REMARKS
							EST. DEPTH (U.S./D.S.)	CUBIC YARDS				
9LT	622+13	10'x6'	180'	IBS-6-2W-97, IC-J-1, ICJS-1-97, ICX-1-97, ISK-45-3W-97, IWS-3-97, BC-1	160.3	25194.0	14.6/11.5	952.1	7' - 10"	42.7	14'	SINGLE CELL SKEWED 45° RT FWD.
10LT	665+55	12'x6'	126'	IBS-6-2W-97, IC-J-1-97, ICX-1-97, IWS-3-97, BC-1	149.2	24809.4	13.9/10.7	870.3	2' - 10"	36.2	13'	SINGLE CELL SKEWED 7° RT FWD.
UNITS					CU. YDS.	LBS	CU. YDS.	CU. YDS.		CU. YDS.		
TOTALS					310	50003		1822		79		

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ESTIMATED QUANTITIES
BOX CULVERT EXTENSIONS

PROJ. NO.: STP-0022-04(040)
 COUNTY: UNION

FILENAME: EQ-BoxCulverts
 DESIGN: TEAMGRESHAM SMITH CHECKED: UPDATE: DATE: _____

WORKING NUMBER
EQ-9
 SHEET NUMBER
33



BY	DATE	REVISION
MJ	5/22/23	REVISED QUANTITIES

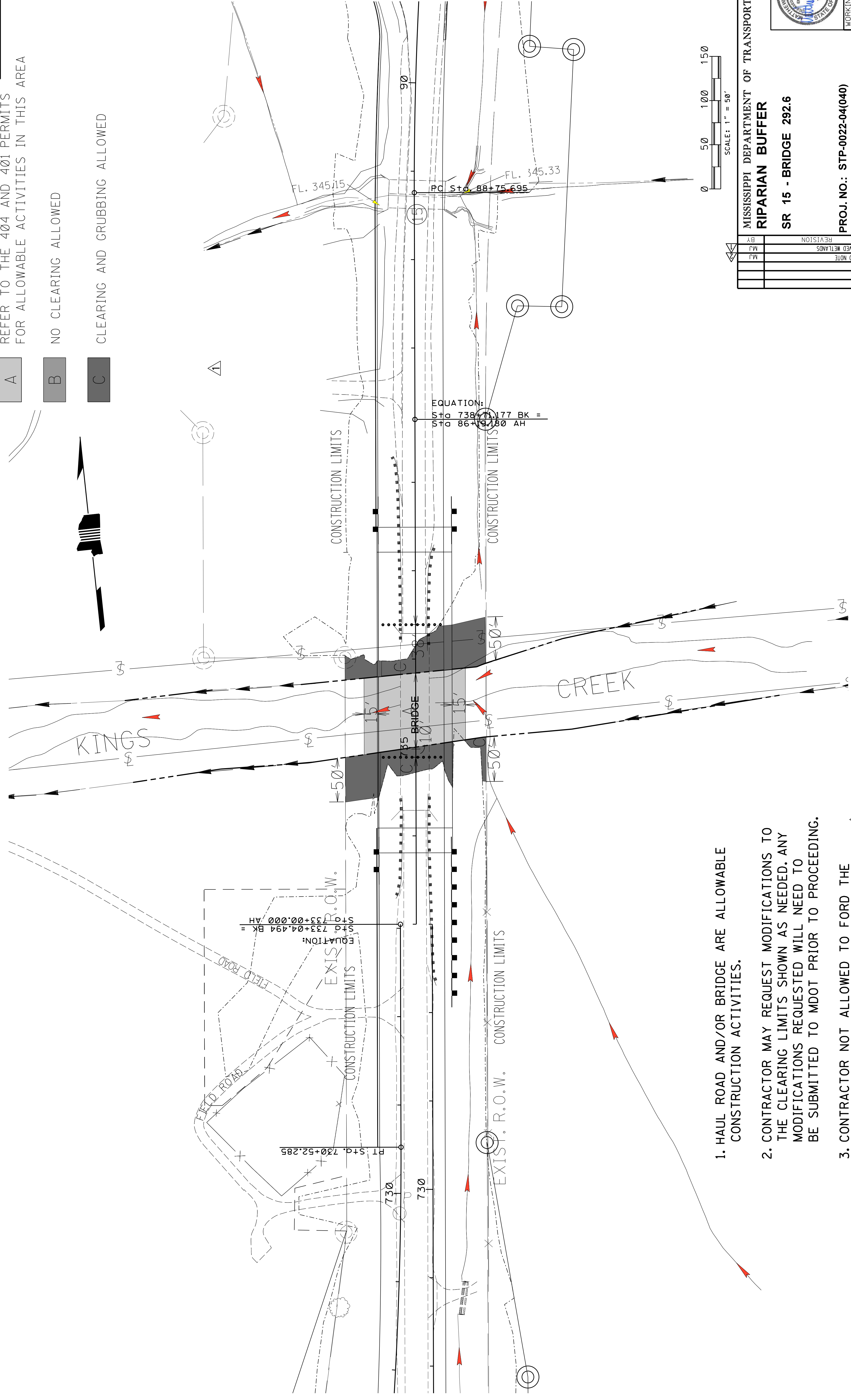
ADDENDUM

FMS CON: 102607/302000

STATE PROJECT NO.
MISS. STP-0022-04(040)

REFER TO THE 404 AND 401 PERMITS
FOR ALLOWABLE ACTIVITIES IN THIS AREA

- A NO CLEARING ALLOWED
- B NO CLEARING ALLOWED
- C CLEARING AND GRUBBING ALLOWED



1. HAUL ROAD AND/OR BRIDGE ARE ALLOWABLE CONSTRUCTION ACTIVITIES.
2. CONTRACTOR MAY REQUEST MODIFICATIONS TO THE CLEARING LIMITS SHOWN AS NEEDED. ANY MODIFICATIONS REQUESTED WILL NEED TO BE SUBMITTED TO MDOT PRIOR TO PROCEEDING.
3. CONTRACTOR NOT ALLOWED TO FORD THE CREEK OR CREATE A LOW-WATER CROSSING DURING CONSTRUCTION.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
RIPARIAN BUFFER	
SR 15 - BRIDGE 292.6	
PROJ. NO.: STP-0022-04(040)	WORKING NUMBER
COUNTY: UNION	EC-RB-12
FILENAME: ECP-RB-12.dgn	SHEET NUMBER
DESIGN: TEAMGRESHAM	SMITH CHECKED: UPDATE DATE
DATE	112

5/22/23
5/15/23
3/22/23
ADDED NOTE
REMOVED WETLANDS
REVISION
BY