

## 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>  4/11/2024  </u>	ADDENDUM NO. <u>          </u>	DATED <u>                  </u>
ADDENDUM NO. <u>  2  </u>	DATED <u>  4/18/2024  </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; Revised NTB Nos. 4638 & 5622; Added NTB Nos. 5808 & 5809; Amendment EBSx Download Required.   |
| 2      | Revised Table of Contents; Added NTB No. 5810; Revised Bid Items; Revised or Added Plan Sheet in STBG-0022-04(070)/101631301 Nos. 2,13, 18-24, 29-30, 32-33, 40, 49, 69, 8001-8002, 8115-8117, 8132 & 8143 ; In STP-2911-00(001)/105890301 Nos. 2, 8, 10, 12, 13-14, 16, 19-20, 21-23, 26, 29-31, 38, 43, 45, 49, 51-53 & 55 ; 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.  
 STBG-0022-04(070)/ 101631301000 & STP-2911-00(001)/ 105890301000  
 Tippah County(ies)  
 Revised 01/26/2016

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
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STP-2911-00(001)/105890301 - Tippah**

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**PROJECT: STBG-0022-04(070)/101631301 - Tippah  
STP-2911-00(001)/105890301 - Tippah**

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**PROJECT: STBG-0022-04(070)/101631301 - Tippah**  
**STP-2911-00(001)/105890301 - Tippah**

Progress Schedule

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

04/18/2024 03:55 PM

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**SECTION 904 - NOTICE TO BIDDERS NO. 5810**

**CODE: (SP)**

**DATE: 04/18/2024**

**SUBJECT: Pay Item Corrections**

**PROJECT: STP-2911-00(001) / 105890301 & STBG-0022-04(070) / 101631301  
Tippah County**

Bidders are further advised that the quantities for the pay items shown in the table below have been revised from what is shown on the Summary of Quantities sheets in the Plans for Project Number STBG-0022-04(070) / 101631301. The bid sheets are correct.

<b>Pay Item No.</b>	<b>Description</b>	<b>101631 Plan Quantity</b>	<b>101631 Revised Quantity</b>
603-CA057	36" Reinforced Concrete Pipe, Class IV	720 LF	264 LF
603-CA062	36" Reinforced Concrete Pipe, Class V	0 LF	456 LF

Grade, Drain, Pave on SR 2 from existing SR 15 to SR 15 Bypass & Grade, Bridge, 2 Lanes on SR 15 from just north of the Union County Line to 1 mile north of SR 4 at Ripley, known as Federal Aid Project Nos. STP-2911-00(001) / 105890301 & STBG-0022-04(070) / 101631301 in Tippah County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
<b>Roadway Items</b>					
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0020	201-B001		2	Acre	Clearing and Grubbing
0030	202-B004		3,858	Square Yard	Removal of Asphalt Driveways, All Depths
0040	202-B007		9,985	Square Yard	Removal of Asphalt Pavement, All Depths
0050	202-B023		1	Each	Removal of Bridge
0060	202-B052		1,989	Square Yard	Removal of Concrete Driveways, All Depths
0070	202-B126		34,342	Linear Feet	Removal of Fence, All Types
0080	202-B129		3	Each	Removal of Flared End Section, All Sizes
0090	202-B165		7	Each	Removal of Inlets, All Sizes
0100	202-B188		53,093	Square Yard	Removal of Pavement, All Types and Depths
0110	202-B191		3,355	Linear Feet	Removal of Pipe, 8" And Above
0120	202-B240		12,037	Linear Feet	Removal of Traffic Stripe
0130	203-A001	(E)	3,464,433	Cubic Yard	Unclassified Excavation, FM, AH
0140	203-EX020	(E)	41,285	Cubic Yard	Borrow Excavation, AH, FME, Class B9
0150	203-EX021	(E)	738,610	Cubic Yard	Borrow Excavation, AH, FME, Class B9-6
0160	203-G001	(E)	4,581,590	Cubic Yard	Excess Excavation, FM, AH
0170	206-A001	(S)	34,454	Cubic Yard	Structure Excavation
0180	206-B001	(E)	5,355	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM
0190	209-A005		142,758	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0200	211-B001	(E)	130,680	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0210	213-C001		208	Ton	Superphosphate
0220	216-A001		18,407	Square Yard	Solid Sodding
0230	217-A001		14,008	Square Yard	Ditch Liner
0240	219-A001		368	Thousand Gallon	Watering [\$20.00]
0250	220-A001		207	Acre	Insect Pest Control [\$30.00]
0260	221-A001	(S)	4,983	Cubic Yard	Concrete Paved Ditch
0270	223-A001		589	Acre	Mowing [\$50.00]
0280	224-A001		22,266	Square Yard	Soil Reinforcing Mat
0290	225-A001		431	Acre	Grassing
0300	225-B001		816	Ton	Agricultural Limestone
0310	225-C001		861	Ton	Mulch, Vegetative Mulch
0320	226-A001		832	Acre	Temporary Grassing

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0330	235-A001		1,350	Each	Temporary Erosion Checks
0340	236-A008		49	Each	Silt Basin, Type D
0350	237-A001		576	Linear Feet	Wattles, 12"
0360	237-A002		4,790	Linear Feet	Wattles, 20"
0370	239-A001		2,240	Linear Feet	Temporary Slope Drains
0380	245-A001		4,730	Linear Feet	Silt Dike
0390	246-A001		3,330	Linear Feet	Sandbags
0400	246-A002		114	Each	Sandbags
0410	246-B001		114	Each	Rockbags
0420	247-A001		18	Each	Temporary Stream Diversion
0430	249-A001		4,945	Ton	Riprap for Erosion Control
0440	249-B001		1,989	Cubic Yard	Remove and Reset Riprap
0450	304-C001	(GY)	16,300	Cubic Yard	Granular Material, AEA, Class 3, Group C
0460	304-C009	(GY)	12,650	Cubic Yard	Granular Material, AEA, Class 9, Group C
0470	307-B001	(M)	23,322	Square Yard	10" Soil-Lime-Water Mixing, Class B
0480	307-B003	(M)	18,036	Square Yard	6" Soil-Lime-Water Mixing, Class B
0490	307-D001		842	Ton	Lime
0500	307-S001	(A3)	10,340	Gallon	Bituminous Curing Seal
0510	308-A001		1,258	Ton	Cement
0520	308-B002	(M)	41,358	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Base
0530	308-B003	(M)	61,050	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Design Soil
0540	308-S001	(A3)	21,182	Gallon	Bituminous Curing Seal
0550	403-A002	(BA1)	12,092	Ton	12.5-mm, MT, Asphalt Pavement
0560	403-A005	(BA1)	24,199	Ton	19-mm, MT, Asphalt Pavement
0570	403-A014	(BA1)	9,648	Ton	9.5-mm, MT, Asphalt Pavement
0580	406-D001		9,233	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0590	407-A001	(A2)	6,670	Gallon	Asphalt for Tack Coat
0600	423-A001		6	Mile	Rumble Strips, Ground In
0610	501-K001		62	Square Yard	Transverse Grooving
0620	502-A001	(C)	1,352	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0630	601-A001	(S)	5,991	Cubic Yard	Class "B" Structural Concrete
0640	601-B001	(S)	148	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0650	602-A001	(S)	1,164,920	Pounds	Reinforcing Steel
0660	603-ALT003	(S)	1,704	Linear Feet	18" Type A Alternate Pipe

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0670	603-ALT005	(S)	104	Linear Feet	22" x 13" Type A Alternate Pipe
0680	603-ALT006	(S)	792	Linear Feet	24" Type A Alternate Pipe
0690	603-ALT008	(S)	48	Linear Feet	29" x 18" Type A Alternate Pipe
0700	603-ALT009	(S)	416	Linear Feet	30" Type A Alternate Pipe
0710	603-ALT011	(S)	136	Linear Feet	36" Type A Alternate Pipe
0720	603-ALT013	(S)	176	Linear Feet	36" x 23" Type A Alternate Pipe
0730	603-ALT014	(S)	224	Linear Feet	42" Type A Alternate Pipe
0740	603-ALT015	(S)	40	Linear Feet	44" x 27" Type A Alternate Pipe
0750	603-ALT017	(S)	48	Linear Feet	51" x 31" Type A Alternate Pipe
0760	603-ALT019	(S)	56	Linear Feet	58" x 36" Type A Alternate Pipe
0770	603-CA011	(S)	4,680	Linear Feet	18" Reinforced Concrete Pipe, Class III
0780	603-CA013	(S)	104	Linear Feet	18" Reinforced Concrete Pipe, Class IV
0790	603-CA019	(S)	48	Linear Feet	18" Reinforced Concrete Pipe, Class V
0800	603-CA020	(S)	216	Linear Feet	18" Reinforced Concrete Pipe, Class V, Class B Bedding
0810	603-CA026	(S)	3,456	Linear Feet	24" Reinforced Concrete Pipe, Class III
0820	603-CA040	(S)	208	Linear Feet	30" Reinforced Concrete Pipe, Class III
0830	603-CA042	(S)	344	Linear Feet	30" Reinforced Concrete Pipe, Class IV
0840	603-CA048	(S)	400	Linear Feet	30" Reinforced Concrete Pipe, Class V
0850	603-CA055	(S)	1,928	Linear Feet	36" Reinforced Concrete Pipe, Class III
0860	603-CA057	(S)	264	Linear Feet	36" Reinforced Concrete Pipe, Class IV
0862	603-CA062	(S)	456	Linear Feet	36" Reinforced Concrete Pipe, Class V
0870	603-CA066	(S)	1,632	Linear Feet	42" Reinforced Concrete Pipe, Class III
0880	603-CA068	(S)	344	Linear Feet	42" Reinforced Concrete Pipe, Class IV
0890	603-CA076	(S)	544	Linear Feet	48" Reinforced Concrete Pipe, Class III
0900	603-CA078	(S)	648	Linear Feet	48" Reinforced Concrete Pipe, Class IV
0910	603-CA083	(S)	416	Linear Feet	48" Reinforced Concrete Pipe, Class V
0920	603-CA087	(S)	584	Linear Feet	54" Reinforced Concrete Pipe, Class III
0930	603-CA126	(S)	456	Linear Feet	72" Reinforced Concrete Pipe, Class V, Class B Bedding
0940	603-CB003	(S)	41	Each	18" Reinforced Concrete End Section
0950	603-CB004	(S)	34	Each	24" Reinforced Concrete End Section
0960	603-CB005	(S)	10	Each	30" Reinforced Concrete End Section
0970	603-CB006	(S)	28	Each	36" Reinforced Concrete End Section
0980	603-CB007	(S)	14	Each	42" Reinforced Concrete End Section



Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0990	603-CB008	(S)	10	Each	48" Reinforced Concrete End Section
1000	603-CB009	(S)	2	Each	54" Reinforced Concrete End Section
1010	603-CB012	(S)	2	Each	72" Reinforced Concrete End Section
1020	603-CE002	(S)	944	Linear Feet	22" x 13" Concrete Arch Pipe, Class A III
1030	603-CE008	(S)	1,056	Linear Feet	29" x 18" Concrete Arch Pipe, Class A III
1040	603-CE013	(S)	256	Linear Feet	36" x 23" Concrete Arch Pipe, Class A III
1050	603-CE018	(S)	1,024	Linear Feet	44" x 27" Concrete Arch Pipe, Class A III
1060	603-CE023	(S)	1,016	Linear Feet	51" x 31" Concrete Arch Pipe, Class A III
1070	603-CE028	(S)	600	Linear Feet	58" x 36" Concrete Arch Pipe, Class A III
1080	603-CE044	(S)	216	Linear Feet	88" x 54" Concrete Arch Pipe, Class A III
1090	603-CF002	(S)	9	Each	22" x 13" Concrete Arch Pipe End Section
1100	603-CF003	(S)	8	Each	29" x 18" Concrete Arch Pipe End Section
1110	603-CF004	(S)	6	Each	36" x 23" Concrete Arch Pipe End Section
1120	603-CF005	(S)	13	Each	44" x 27" Concrete Arch Pipe End Section
1130	603-CF006	(S)	8	Each	51" x 31" Concrete Arch Pipe End Section
1140	603-CF007	(S)	8	Each	58" x 36" Concrete Arch Pipe End Section
1150	603-CF010	(S)	2	Each	88" x 54" Concrete Arch Pipe End Section
1160	603-SB014	(S)	4	Each	18" Branch Connections, Stub into Concrete Box Culvert
1170	604-B001		34,500	Pounds	Gratings
1180	605-AA001	(S)	239	Square Yard	Geotextile for Subsurface Drainage, Type III
1190	605-AA002	(S)	1,772	Square Yard	Geotextile for Subsurface Drainage, Type V
1200	605-O002	(S)	655	Linear Feet	4" Perforated Sewer Pipe for Underdrains, SDR 23.5
1210	605-O004	(S)	1,000	Linear Feet	6" Perforated Sewer Pipe for Underdrains, SDR 23.5
1220	605-P002	(S)	121	Linear Feet	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5
1230	605-P004	(S)	100	Linear Feet	6" Non-perforated Sewer Pipe for Underdrains, SDR 23.5
1240	605-W001	(GY)	168	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM
1250	606-B001		738	Linear Feet	Guard Rail, Class A, Type 1
1260	606-D022		20	Each	Guard Rail, Bridge End Section, Type I
1270	606-E005		20	Each	Guard Rail, Terminal End Section, Flared
1280	609-D003	(S)	728	Linear Feet	Combination Concrete Curb and Gutter Type 2
1290	609-D004	(S)	6,575	Linear Feet	Combination Concrete Curb and Gutter Type 2 Modified
1310	612-B001		71	Cubic Yard	Flowable Fill, Non-Excavatable
1320	614-A001	(S)	320	Square Yard	Concrete Driveway, Without Reinforcement
1330	614-B001	(S)	100	Square Yard	Concrete Driveway, With Reinforcement

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1340	615-A024	(S)	280	Linear Feet	Concrete Bridge End Barrier, 37.5"
1350	616-A001	(S)	157	Square Yard	Concrete Median and/or Island Pavement, 10-inch
1360	616-A004	(S)	2,014	Square Yard	Concrete Median and/or Island Pavement, 4-inch
1370	617-A001		512	Each	Right-of-Way Marker
1380	618-A001		1	Lump Sum	Maintenance of Traffic
1390	618-C001		1	Lump Sum	Construction and Removal of Detour Bridge
1400	618-E001		1,260	Linear Feet	Detour Bridge Piling
1410	618-F001		1	Lump Sum	Detour Bridge PDA Test Pile
1420	619-A1001		3	Mile	Temporary Traffic Stripe, Continuous White
1430	619-A1002		5,117	Linear Feet	Temporary Traffic Stripe, Continuous White
1440	619-A1008		1	Mile	Temporary Traffic Stripe, Continuous White, Type 1 or 2 Tape
1450	619-A2001		6	Mile	Temporary Traffic Stripe, Continuous Yellow
1460	619-A2002		5,208	Linear Feet	Temporary Traffic Stripe, Continuous Yellow
1470	619-A2007		1	Mile	Temporary Traffic Stripe, Continuous Yellow, Type 1 or 2 Tape
1480	619-A4001		1,350	Linear Feet	Temporary Traffic Stripe, Skip Yellow
1490	619-A5001		1,246	Linear Feet	Temporary Traffic Stripe, Detail
1500	619-A6001		162	Square Feet	Temporary Traffic Stripe, Legend
1510	619-A6002		324	Linear Feet	Temporary Traffic Stripe, Legend
1520	619-C7001		401	Each	Two-Way Yellow Reflective High Performance Raised Marker
1530	619-D1001		88	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
1540	619-D2001		2,235	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
1550	619-D3001		79	Each	Remove and Reset Signs, All Sizes
1560	619-G4001		1,728	Linear Feet	Barricades, Type III, Double Faced
1570	619-G4005		276	Linear Feet	Barricades, Type III, Single Faced
1580	619-G5001		425	Each	Free Standing Plastic Drums
1590	619-G7001		43	Each	Warning Lights, Type "B"
1600	619-K2004		4	Each	Installation and Removal of Guard Rail, Type I Bridge End Section
1610	619-K4001		4	Each	Installation and Removal of Guardrail, Terminal End Section
1620	620-A001		1	Lump Sum	Mobilization
1630	622-B003		1	Each	Engineer's Field Office Building, Type 3 LO
1640	626-B003		147	Linear Feet	6" Thermoplastic Traffic Stripe, Continuous White
1650	626-C003		17,714	Linear Feet	6" Thermoplastic Edge Stripe, Continuous White
1660	626-C004		6	Mile	6" Thermoplastic Edge Stripe, Continuous White

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1670	626-D004		1,482	Linear Feet	6" Thermoplastic Traffic Stripe, Skip Yellow
1680	626-E003		17,529	Linear Feet	6" Thermoplastic Traffic Stripe, Continuous Yellow
1690	626-E004		7	Mile	6" Thermoplastic Traffic Stripe, Continuous Yellow
1700	626-F004		647	Linear Feet	6" Thermoplastic Edge Stripe, Continuous Yellow
1710	626-G002		17,496	Linear Feet	Thermoplastic Detail Stripe, White
1720	626-G003		13,873	Linear Feet	Thermoplastic Detail Stripe, Yellow
1730	626-H004		1,643	Square Feet	Thermoplastic Legend, White
1740	626-H005		1,003	Linear Feet	Thermoplastic Legend, White
1750	627-J001		225	Each	Two-Way Clear Reflective High Performance Raised Markers
1760	627-K001		95	Each	Red-Clear Reflective High Performance Raised Markers
1770	627-L001		1,474	Each	Two-Way Yellow Reflective High Performance Raised Markers
1780	630-A001		342	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
1790	630-A003		802	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
1800	630-A005		123	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness
1810	630-C001		993	Linear Feet	Square Tube Posts, 4.0 lb/ft
1820	630-C002		88	Linear Feet	Steel U-Section Posts, 2.0 lb/ft
1830	630-C005		399	Linear Feet	Square Tube Posts, 2.0 lb/ft
1840	630-F002		12	Each	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow
1850	630-F006		111	Each	Delineators, Guard Rail, White
1860	630-F007		14	Each	Delineators, Guard Rail, Yellow
1870	630-F010		51	Each	Delineators, Post Mounted, Double White
1880	630-F011		12	Each	Delineators, Post Mounted, Double Yellow
1890	630-F012		4	Each	Delineators, Post Mounted, Single White
1900	630-F013		6	Each	Delineators, Post Mounted, Single Yellow
1910	630-G004		16	Each	Type 3 Object Markers, OM-3R or OM-3L
1920	630-G005		8	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted
1930	699-A001		1	Lump Sum	Roadway Construction Stakes
1940	815-A002	(S)	1,199	Ton	Loose Riprap, Size 100
1950	815-A007	(S)	70,011	Ton	Loose Riprap, Size 300
1960	815-E001	(S)	80,735	Square Yard	Geotextile under Riprap
1970	815-F002	(S)	1,662	Ton	Sediment Control Stone
1980	907-204-A001		356	Square Yard	Geogrid, Type I
1990	907-234-A001		78,735	Linear Feet	Temporary Silt Fence
2000	907-234-C001		900	Linear Feet	Super Silt Fence

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
2010	907-234-D001		17	Each	Inlet Siltation Guard
2020	907-253-A001		7,463	Linear Feet	Coir Fiber Baffle
2030	907-413-E001		721	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
2040	907-899-A001		1	Lump Sum	Railway-Highway Provisions
2050	907-906001		2,080	Hours	Trainees [\$5.00]
<b>ALTERNATE GROUP AA NUMBER 1</b>					
2060	304-F001	(GT)	50,786	Ton	3/4" and Down Crushed Stone Base
<b>ALTERNATE GROUP AA NUMBER 2</b>					
2070	304-F002	(GT)	50,786	Ton	Size 610 Crushed Stone Base
<b>ALTERNATE GROUP AA NUMBER 3</b>					
2080	304-F003	(GT)	50,786	Ton	Size 825B Crushed Stone Base
<b>ALTERNATE GROUP BB NUMBER 1</b>					
2090	605-W002	(GY)	566	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM
<b>ALTERNATE GROUP BB NUMBER 2</b>					
2100	605-W003	(GY)	566	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type C, FM
<b>ALTERNATE GROUP CC NUMBER 1</b>					
2110	907-624-A002		3,000	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Skip White
2120	907-624-B002		3,903	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White
2130	907-624-D002		3,905	Linear Feet	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous Yellow
<b>ALTERNATE GROUP CC NUMBER 2</b>					
2140	628-G001		3,000	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Skip White
2150	628-H001		3,903	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous White
2160	628-J001		3,905	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow
<b>Bridge Items</b>					
2170	221-A001	(S)	70	Cubic Yard	Concrete Paved Ditch
2180	501-K001		12,944	Square Yard	Transverse Grooving
2190	803-D007	(S)	14,410	Linear Feet	HP 14 x 89 Steel Piling
2200	803-F008	(S)	10,908	Linear Feet	20" Pre-Formed Pile Hole
2210	803-K006	(S)	1,953	Linear Feet	Drilled Shaft, 48" Diameter
2220	803-M005	(S)	289	Linear Feet	Trial Shaft, 48" Diameter
2230	803-N001	(S)	410	Linear Feet	Exploration
2240	803-O018	(S)	1,170	Linear Feet	Temporary Casing, 48" Diameter
2250	803-P001	(S)	3,120	Linear Feet	24" Steel Pipe Piling, Wall Thickness 0.500"
2260	804-C002	(S)	595	Linear Feet	100' Prestressed Concrete Beam, Type IV
2270	804-C018	(S)	639	Linear Feet	107' Prestressed Concrete Beam, Type IV

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
2280	804-C020	(S)	1,717	Linear Feet	108' Prestressed Concrete Beam, Type IV
2290	804-C038	(S)	1,433	Linear Feet	120' Prestressed Concrete Beam, Type BT-63
2300	804-C065	(S)	3,774	Linear Feet	40' Prestressed Concrete Beam, Type I+2
2310	804-C087	(S)	491	Linear Feet	62' Prestressed Concrete Beam, Type IV
2320	804-C089	(S)	750	Linear Feet	63' Prestressed Concrete Beam, Type IV
2330	804-C105	(S)	834	Linear Feet	70' Prestressed Concrete Beam, Type IV
2340	804-C113	(S)	744	Linear Feet	75' Prestressed Concrete Beam, Type IV
2350	804-C122	(S)	954	Linear Feet	80' Prestressed Concrete Beam, Type IV
2360	804-C129	(S)	507	Linear Feet	85' Prestressed Concrete Beam, Type IV
2370	804-C138	(S)	882	Linear Feet	89' Prestressed Concrete Beam, Type IV
2380	804-C148	(S)	745	Linear Feet	94' Prestressed Concrete Beam, Type IV
2390	804-C152	(S)	565	Linear Feet	95' Prestressed Concrete Beam, Type IV
2400	804-C155	(S)	1,142	Linear Feet	96' Prestressed Concrete Beam, Type IV
2410	804-C256	(S)	2,117	Linear Feet	125' Prestressed Concrete Beam, Type FIB-54
2420	805-A001	(S)	1,384,621	Pounds	Reinforcement
2430	805-C001	(S)	2,452	Pounds	Reinforcement, Corrosion Resistant
2440	813-A004	(S)	5,970	Linear Feet	Concrete Railing, 36"
2450	815-A007	(S)	21,306	Ton	Loose Riprap, Size 300
2460	815-D001	(S)	615	Cubic Yard	Concrete Slope Paving
2470	815-E001	(S)	19,080	Square Yard	Geotextile under Riprap
2480	907-803-B001	(S)	12	Each	Conventional Static Pile Load Test [\$5,000.00]
2490	907-803-I003	(S)	20	Each	PDA Test Pile, HP Steel Pile
2500	907-803-I004	(S)	4	Each	PDA Test Pile, Steel Pipe Pile
2510	907-803-J001	(S)	21	Each	Pile Restrike
2520	907-804-A001	(S)	542	Cubic Yard	Bridge Concrete, Class BDX
2530	907-804-A002	(S)	2,100	Cubic Yard	Bridge Concrete, Class AA
2540	907-804-A004	(S)	3,261	Cubic Yard	Bridge Concrete, Class BD
2550	907-809-A001	(S)	9,816	Square Feet	Retaining Wall System
2560	907-823-A001		1,046	Linear Feet	Preformed Joint Seal, Type I
2570	907-823-A002		168	Linear Feet	Preformed Joint Seal, Type II



**ADDENDUM**


STATE	PROJECT NO.
MISS	STBG-0022-04(070)

**SUMMARY OF QUANTITIES (SHEET 1)**

PAY ITEM NO.	PAY ITEM	UNIT	TIPPAH : 101631-301000	
			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	3,825	
202-B023	Removal of Bridge	EA	1	
202-B052	Removal of Concrete Driveways, All Depths	SY	1,218	
202-B126	Removal of Fence, All Types	LF	34,342	
202-B129	Removal of Flared End Section, All Sizes	EA	3	
202-B165	Removal of Inlets, All Sizes	EA	7	
202-B188	Removal of Pavement, All Types and Depths	SY	53,093	
202-B191	Removal of Pipe, 8" And Above	LF	3,055	
202-B240	Removal of Traffic Stripe	LF	12,037	
	Earthwork Items			
203-A001	Unclassified Excavation, FM, AH	CY	2,026,612	
203-EX020	Borrow Excavation, AH, FME, Class B9	CY	41,285	
203-EX021	Borrow Excavation, AH, FME, Class B9-6	CY	609,895	
203-G001	Excess Excavation, FM, AH	CY	3,289,365	
206-A001	Structure Excavation	CY	30,687	
206-B001	Select Material for Undercuts, Contractor Furnished, FM	CY	4,658	
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	114,163	
	Roadside Development Items			
211-B001	Topsoil for Slope Treatment, Contractor Furnished	CY	130,680	
213-C001	Superphosphate	TON	122	
216-A001	Solid Sodding	SY	10,006	
217-A001	Ditch Liner	SY	12,458	
219-A001	Watering	KGAL	200	
220-A001	Insect Pest Control	ACRE	122	
221-A001	Concrete Paved Ditch	CY	3,259	
223-A001	Mowing	ACRE	243	
224-A001	Soil Reinforcing Mat	SY	22,266	
225-A001	Grassing	ACRE	258	
225-B001	Agricultural Limestone	TON	729	
225-C001	Mulch, Vegetative Mulch	TON	515	
226-A001	Temporary Grassing	ACRE	486	
907-234-A001	Temporary Silt Fence	LF	77,075	
907-234-C001	Super Silt Fence	LF	500	
907-234-D001	Inlet Siltation Guard	EA	14	
235-A001	Temporary Erosion Checks	EA	950	
236-A008	Silt Basin, Type D	EA	49	
237-A001	Wattles, 12"	LF	576	
237-A002	Wattles, 20"	LF	3,130	

- ① REMOVAL OF EXISTING CR700 BRIDGE.
- ② INCLUDES 17545 S.Y. FOR DETOUR ROADS
- ③ INCLUDES 18362 C.Y. FOR BOXES AND 12325 C.Y. FOR PIPES.
- ④ TOPSOIL PLATING SHALL BE 4" THICKNESS.
- ⑤ INCLUDES 1121 S.Y. FOR MEDIAN INLET APRONS, 8885 S.Y. FOR MEDIAN INLET APRONS AND 8885 S.Y. FOR PAVED DITCH APRONS AND, 45 S.Y.
- ⑥ INCLUDES 39 CY FOR FLUMES, 3141 CY FOR DITCH TREATMENT, 72 CY FOR PAVED APRONS, AND 7 CY FOR EDGE DRAIN OUTLET.
- ⑦ SEE GENERAL NOTE 26.
- ⑧ FOR TEMPORARY CONSTRUCTION EASEMENTS.



<b>MISSISSIPPI DEPARTMENT OF TRANSPORTATION</b>	
<b>SUMMARY OF QUANTITIES</b>	
	
DATE: 4/12/2024 Working Number <b>SQ-1</b>	
PROJ NO: STBG-0022-04(070) COUNTY: TIPPAH	
FILENAME: SQS Design Team Gresham-Smith	Checked Date 4/12/24
Sheet Number <b>18</b>	

Date	By	Revision
02/05/2024	MS	REVISED QUANTITY.
02/21/2024	JP	REVISED PAY ITEMS AND QUANTITIES.
04/11/2024	MS	ADDED PAY ITEMS & FOOTNOTES. REVISED QUANTITIES.

**ADDENDUM**

STATE	PROJECT NO.
MISS	STBG-0022-04(070)

**SUMMARY OF QUANTITIES (SHEET 2)**

PAY ITEM NO.	PAY ITEM	UNIT	TIPPAH : 101631-301000	
			Prelim	Final
239-A001	Temporary Slope Drains	LF	2,240	
245-A001	Silt Dike	LF	3,130	
246-A001	Sandbags	LF	3,330	
247-A001	Temporary Stream Diversion	EA	18	
249-A001	Riprap for Erosion Control	TON	3,451	
249-B001	Remove and Reset Riprap	CY	1,436	
907-253-A001	Coir Fiber Baffle	LF	7,463	
	Base Items			
304-C001	Granular Material, AEA, Class 3, Group C	CY	5,900	2
304-C009	Granular Material, AEA, Class 9, Group C	CY	5,950	2
304-F001	3/4" and Down Crushed Stone Base	TON	47,986	1 8 2
	OR			
304-F002	Size 610 Crushed Stone Base	TON	47,986	1 8 2
	OR			
304-F003	Size 825B Crushed Stone Base	TON	47,986	1 8 2
	Subgrade Treatment			
307-B003	6" Soil-Lime-Water Mixing, Class B	SY	18,036	2
307-D001	Lime	TON	243	2
307-S001	Bituminous Curing Seal	GAL	4,509	2
308-A001	Cement	TON	153	2 2
308-B002	Soil-Cement-Water Mixing, Optional Mixers, Base	SY	18,036	2
308-S001	Bituminous Curing Seal	GAL	4,509	2 3
	Granular Treatment			
308-A001	Cement	TON	244	2
308-B003	Soil-Cement-Water Mixing, Optional Mixers, Design Soil	SY	20,953	2
308-S001	Bituminous Curing Seal	GAL	582	2 3
	Bituminous Paving Items			
403-A002	12.5-mm, MT, Asphalt Pavement	TON	7,596	4 2 3
403-A005	19-mm, MT, Asphalt Pavement	TON	17,357	5 2
403-A014	9.5-mm, MT, Asphalt Pavement	TON	5,891	6 2 3
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	5,493	
407-A001	Asphalt for Tack Coat	GAL	6,670	
907-413-E001	Sawing and Sealing Transverse Joints in Asphalt Pavement	LF	537	
423-A001	Rumble Strips, Ground In	MI	2	
	Concrete Paving Items			
502-A001	Reinforced Cement Concrete Bridge End Pavement	SY	909	3 2
	Drainage Items			
601-A001	Class "B" Structural Concrete	CY	5,890	7

- ① ESTIMATED QUANTITY. ACTUAL QUANTITY AND PLACEMENT TO BE AS DIRECTED BY THE ENGINEER.
- ② FOR TREATMENT OF SUBGRADE ONLY.
- ③ FOR BRIDGES AT SR15 OVER GUYTON CREEK, CR700, COTTON GIN ROAD AND SR4.
- ④ INCLUDES 218 TONS FOR DRIVEWAYS.
- ⑤ INCLUDES 1300 TONS FOR LEVELING OF DETOUR ROADS AND 160 TONS FOR TRENCH WIDENING.
- ⑥ INCLUDES 164 TONS FOR DRIVEWAYS.
- ⑦ INCLUDES 5890 C.Y. FOR BOX CULVERTS.
- ⑧ INCLUDES A 20% INCREASE IN VOLUME OVER THE CALCULATED VOLUME



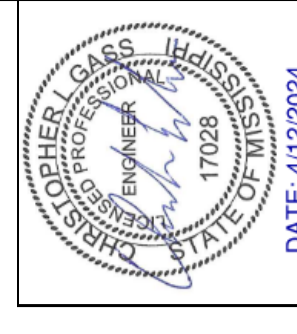
**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**  
**SUMMARY OF QUANTITIES**

02/21/2024	REVISED PAY ITEMS AND QUANTITIES.
04/11/2024	ADDED PAY ITEMS & FOOTNOTES. REVISED QUANTITIES.
Revision	by

PROJ NO: STBG-0022-04(070)  
 COUNTY: TIPPAH

DATE: 4/12/2024  
 Working Number  
**SQ-2**

FILENAME: SQS  
 Design Team Gresham-Smith Checked Date 4/12/24  
 Sheet Number  
**19**





**ADDENDUM**


STATE	PROJECT NO.
MISS	STBG-0022-04(070)

**SUMMARY OF QUANTITIES (SHEET 3)**

PAY ITEM NO.	PAY ITEM	UNIT	TIPPAH : 101631-301000	
			Prelim	Final
601-B001	Class "B" Structural Concrete, Minor Structures	CY	111	
602-A001	Reinforcing Steel	LBS	1,146,569	
603-ALT003	18" Type A Alternate Pipe	LF	1,408	① ③
603-ALT005	22" x 13" Type A Alternate Pipe	LF	32	④ ⑤ ③
603-ALT006	24" Type A Alternate Pipe	LF	368	④ ③
603-ALT008	29" x 18" Type A Alternate Pipe	LF	48	④ ⑤ ③
603-ALT009	30" Type A Alternate Pipe	LF	416	④ ③
603-ALT011	36" Type A Alternate Pipe	LF	136	④
603-ALT013	36" x 23" Type A Alternate Pipe	LF	176	④ ③
603-ALT014	42" Type A Alternate Pipe	LF	224	④ ⑤ ③
603-ALT015	44" x 27" Type A Alternate Pipe	LF	40	④ ③
603-ALT017	51" x 31" Type A Alternate Pipe	LF	48	④ ③
603-ALT019	58" x 36" Type A Alternate Pipe	LF	56	④ ③
603-CA011	18" Reinforced Concrete Pipe, Class III	LF	4,640	③
603-CA013	18" Reinforced Concrete Pipe, Class IV	LF	104	
603-CA019	18" Reinforced Concrete Pipe, Class V	LF	48	
603-CA020	18" Reinforced Concrete Pipe, Class V, Class B Bedding	LF	216	
603-CA026	24" Reinforced Concrete Pipe, Class III	LF	1,248	③
603-CA040	30" Reinforced Concrete Pipe, Class III	LF	208	
603-CA042	30" Reinforced Concrete Pipe, Class IV	LF	344	
603-CA048	30" Reinforced Concrete Pipe, Class V	LF	400	③
603-CA055	36" Reinforced Concrete Pipe, Class III	LF	992	③
603-CA057	36" Reinforced Concrete Pipe, Class IV	LF	720	③
603-CA066	42" Reinforced Concrete Pipe, Class III	LF	1,632	③
603-CA068	42" Reinforced Concrete Pipe, Class IV	LF	344	③
603-CA076	48" Reinforced Concrete Pipe, Class III	LF	544	③
603-CA078	48" Reinforced Concrete Pipe, Class IV	LF	648	③
603-CA083	48" Reinforced Concrete Pipe, Class V	LF	416	③
603-CA126	72" Reinforced Concrete Pipe, Class V, Class B Bedding	LF	456	③
603-CB003	18" Reinforced Concrete End Section	EA	39	
603-CB004	24" Reinforced Concrete End Section	EA	13	
603-CB005	30" Reinforced Concrete End Section	EA	10	
603-CB006	36" Reinforced Concrete End Section	EA	20	
603-CB007	42" Reinforced Concrete End Section	EA	14	
603-CB008	48" Reinforced Concrete End Section	EA	10	
603-CB012	72" Reinforced Concrete End Section	EA	2	
603-CE002	22" x 13" Concrete Arch Pipe, Class A III	LF	944	③
603-CE018	44" x 27" Concrete Arch Pipe, Class A III	LF	1,024	③
603-CE023	51" x 31" Concrete Arch Pipe, Class A III	LF	408	③
603-CE028	58" x 36" Concrete Arch Pipe, Class A III	LF	600	③
603-CE044	88" x 54" Concrete Arch Pipe, Class A III	LF	216	③
603-CF002	22" x 13" Concrete Arch Pipe End Section	EA	9	
603-CF004	36" x 23" Concrete Arch Pipe End Section	EA	2	
603-CF005	44" x 27" Concrete Arch Pipe End Section	EA	13	

- ① INCLUDES 2 C.Y. FOR SIGN FOOTINGS, 82 C.Y. FOR INLETS, 8 C.Y. FOR JUNCTION BOXES, 2 C.Y. FOR PIPE COLLARS, AND 17 C.Y. FOR TOE WALLS.
- ② INCLUDES 7075 LBS. FOR INLETS, 552 LBS. FOR JUNCTION BOXES, 1138942 LBS. FOR BOX CULVERTS.
- ③ REINFORCING STEEL FOR BRIDGE ABUTMENTS INCLUDED IN PAY ITEM NUMBER 805-A.
- ④ ALTERNATE A:  
ZINC COATED CORRUGATED 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 INCLUDES 120' OF 42" , AND 48' OF 29" X 18"



<b>MISSISSIPPI DEPARTMENT OF TRANSPORTATION</b>	
<b>SUMMARY OF QUANTITIES</b>	
 DATE: 4/12/2024 Working Number <b>SQ-3</b>	PROJ NO: STBG-0022-04(070) COUNTY: TIPPAH
ADDED PAY ITEMS & FOOTNOTES, REVISED QUANTITIES. Revision	FILENAME: SQS Design Team Gresham-Smith Checked Date 4/12/24 Sheet Number <b>20</b>

**ADDENDUM**

STATE	PROJECT NO.
MISS	STBG-0022-04(070)

**SUMMARY OF QUANTITIES (SHEET 4)**

PAY ITEM NO.	PAY ITEM	UNIT	TIPPAH : 101631-301000	
			Prelim	Final
603-CF006	51" x 31" Concrete Arch Pipe End Section	EA	6	
603-CF007	58" x 36" Concrete Arch Pipe End Section	EA	8	
603-CF010	88" x 54" Concrete Arch Pipe End Section	EA	2	
603-SB014	18" Branch Connections, Stub into Concrete Box Culvert	EA	4	
604-B001	Gratings	LBS	32,250	
	Underdrain Items			
605-AA001	Geotextile for Subsurface Drainage, Type III	SY	239	① ②
605-O002	4" Perforated Sewer Pipe for Underdrains, SDR 23.5	LF	454	① ②
605-P002	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5	LF	84	① ②
605-W001	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM	CY	17	① ②
605-W002	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM	CY	315	① ②
	OR			
605-W003	Filter Material for Combination Storm Drain and/or Underdrains, Type C, FM	CY	315	① ②
	Guard Rail Items			
606-B001	Guard Rail, Class A, Type 1	LF	488	② ③
606-D022	Guard Rail, Bridge End Section, Type I	EA	12	③
606-E005	Guard Rail, Terminal End Section, Flared	EA	12	③
	Incidental Construction Items			
609-D003	Combination Concrete Curb and Gutter Type 2	LF	728	
609-D004	Combination Concrete Curb and Gutter Type 2 Modified	LF	3,881	
612-B001	Flowable Fill, Non-Excavatable	CY	71	③
614-A001	Concrete Driveway, Without Reinforcement	SY	209	
614-B001	Concrete Driveway, With Reinforcement	SY	100	
615-A024	Concrete Bridge End Barrier, 37.5"	LF	200	
616-A001	Concrete Median and/or Island Pavement, 10-inch	SY	71	
616-A004	Concrete Median and/or Island Pavement, 4-inch	SY	1,422	
617-A001	Right-of-Way Marker	EA	453	
	Traffic Control Items			
618-A001	Maintenance of Traffic	LS	1	
618-C001	Construction and Removal of Detour Bridge	LS	1	④
618-E001	Detour Bridge Piling	LF	1,260	②
618-F001	Detour Bridge PDA Test Pile	LS	1	②
619-A1001	Temporary Traffic Stripe, Continuous White	MI	3	
619-A1008	Temporary Traffic Stripe, Continuous White, Type 1 or 2 Tape	MI	1	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	6	
619-A2007	Temporary Traffic Stripe, Continuous Yellow, Type 1 or 2 Tape	MI	1	
619-A5001	Temporary Traffic Stripe, Detail	LF	1,108	③
619-A6001	Temporary Traffic Stripe, Legend	SF	63	
619-A6002	Temporary Traffic Stripe, Legend	LF	188	③
619-C7001	Two-Way Yellow Reflective High Performance Raised Marker	EA	357	

- ① TO BE USED AT BRIDGE END PAVEMENT AND AS DIRECTED BY THE ENGINEER.
- ② 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.
- ③ TO BE USED AT COTTON GIN ROAD STATION 20+58, SR4 DETOUR STATION 4+50, AND AT DRIVEWAY PIPES AS DIRECTED BY THE ENGINEER.
- ④ SPANS: 3 @ 31' AND SKEW: 30 DEGREE RT FWD



02/21/2024	REVISED PAY ITEMS AND QUANTITIES.
04/11/2024	ADDED PAY ITEMS & FOOTNOTES, REVISED QUANTITIES.
04/11/2024	Revision

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**  
**SUMMARY OF QUANTITIES**

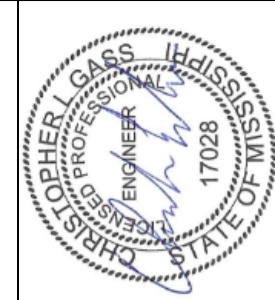
PROJ NO: STBG-0022-04(070)  
 COUNTY: TIPPAH

Working Number **SQ-4**

DATE: 4/12/2024

Design Team Gresham-Smith Checked Date 4/12/24

FILENAME: SQS Sheet Number **21**



**ADDENDUM**

STATE	PROJECT NO.
MISS	STBG-0022-04(070)

**SUMMARY OF QUANTITIES (SHEET 5)**

PAY ITEM NO.	PAY ITEM	UNIT	TIPPAH : 101631-301000	
			Prelim	Final
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	88	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	2,235	
619-D3001	Remove and Reset Signs, All Sizes	EA	64	
619-G4001	Barricades, Type III, Double Faced	LF	1,728	①
619-G4005	Barricades, Type III, Single Faced	LF	108	
619-G5001	Free Standing Plastic Drums	EA	373	
619-G7001	Warning Lights, Type "B"	EA	41	
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	
622-B003	Engineer's Field Office Building, Type 3 LO	EA	1	
	Pavement Markings-Alternate Pay Items			
907-624-A002	6" Inverted Profile Thermoplastic Traffic Stripe, Skip White	LF	3,000	④ ③
907-624-B002	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White	LF	3,000	④ ③
907-624-D002	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous Yellow	LF	3,000	④ ③
	OR			
628-G001	6" High Performance Cold Plastic Traffic Stripe, Skip White	LF	3,000	④ ③
628-H001	6" High Performance Cold Plastic Traffic Stripe, Continuous White	LF	3,000	④ ③
628-J001	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow	LF	3,000	④ ③
	Pavement Markings			
626-B003	6" Thermoplastic Traffic Stripe, Continuous White	LF	147	
626-C004	6" Thermoplastic Edge Stripe, Continuous White	MI	6	
626-D004	6" Thermoplastic Traffic Stripe, Skip Yellow	LF	290	
626-E004	6" Thermoplastic Traffic Stripe, Continuous Yellow	MI	7	
626-G002	Thermoplastic Detail Stripe, White	LF	6,855	②
626-G003	Thermoplastic Detail Stripe, Yellow	LF	2,663	②
626-H004	Thermoplastic Legend, White	SF	656	
626-H005	Thermoplastic Legend, White	LF	700	③
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	170	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	24	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	654	
	Traffic Signs and Delineator Items			
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF	92	
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	615	
630-A005	Standard Roadside Signs, Sheet Aluminum, 0.1" Thickness	SF	123	
630-C001	Square Tube Posts, 4.0 lb/ft	LF	847	③
630-F002	Delineators, Flexible Post Mounted, Crossover, Type I, Yellow	EA	12	
630-F006	Delineators, Guard Rail, White	EA	67	
630-F007	Delineators, Guard Rail, Yellow	EA	14	
630-F010	Delineators, Post Mounted, Double White	EA	51	
630-F011	Delineators, Post Mounted, Double Yellow	EA	12	

- ① INCLUDES TRAFFIC CONTROL SIGNS.
- ② MEASURED IN EQUIVALENT 6-WIDTHS.
- ③ OMNI-DIRECTIONAL ANCHOR AND SLEEVE ARE TO BE ABSORBED IN THE COST OF THIS PAY ITEM
- ④ TO BE USED ON CONCRETE BRIDGE DECKS



ADDED PAY ITEMS & QUANTITIES	Revision
FOOTNOTES, REVISED	
04/11/2024	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES

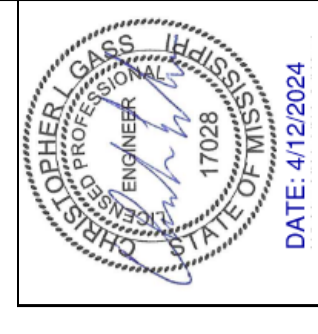
PROJ NO: STBG-0022-04(070)  
COUNTY: TIPPAH

Working Number  
**SQ-5**

DATE: 4/12/2024

Design Team: Gresham-Smith  
Checked: \_\_\_\_\_  
Date: 4/12/24

FILENAME: SQS  
Sheet Number: 22




**ADDENDUM**

STATE	PROJECT NO.
MISS	STBG-0022-04(070)

**SUMMARY OF QUANTITIES (SHEET 6)**

PAY ITEM NO.	PAY ITEM	UNIT	TIPPAH : 101631-301000	
			Prelim	Final
630-F012	Delineators, Post Mounted, Single White	EA	4	
630-F013	Delineators, Post Mounted, Single Yellow	EA	6	
630-G004	Type 3 Object Markers, OM-3R or OM-3L	EA	16	
699-A001	Roadway Construction Stakes	LS	1	
	Miscellaneous			
815-A002	Loose Riprap, Size 100	TON	1,199	
815-A007	Loose Riprap, Size 300	TON	33,330	①
815-E001	Geotextile under Riprap	SY	34,840	
815-F002	Sediment Control Stone	TON	1,287	②

- ① INCLUDES 7723 TONS FOR TYPE D SILT BASINS, AND 1226 TONS FOR EROSION CONTROL AT BRIDGES.
- ② TO BE USED FOR TYPE D SILT BASINS.

<b>MISSISSIPPI DEPARTMENT OF TRANSPORTATION</b>		
<b>SUMMARY OF QUANTITIES</b>		
PROJ NO: STBG-0022-04(070) COUNTY: TIPPAH		DATE: 4/12/24 Working Number <b>SQ-6</b>
FILENAME: SQS Design Team: Gresham, Smith		Sheet Number <b>23</b>
		Checked Date: 4/12/24



**ADDENDUM**

STATE PROJECT NO.  
MISS. STBC-002-04(070)

**REMOVAL ITEMS**

WK. SH. NO.	STATION TO STATION	DRIVEWAYS		PAVEMENT, ALL TYPES	FENCE	INLETS	FLARED END SECTIONS	REMARKS
		CONCRETE	ASPHALT					
3	719+00 740+00			1275	22			
3A	6+39 20+04							
4	740+00 770+00							
4A	3+00 20+00							
4B	9+44 15+00							
5	770+00 800+00				1140			
6	800+00 830+00				1307			
6A	50+00 52+50							
7	830+00 860+00				1177			
8	860+00 890+00							
9	890+00 920+00							
10	920+00 950+00				685			
11	950+00 980+00				2987			
11A	36+00 48+50			2074	1695			
12	980+00 1010+00				962			
13	1010+00 1040+00				976			
13A	26+30 45+78			256	133			
13B	26+30 43+71			621				
14	1040+00 1070+00				773			
14A	22+19 37+55			3632				
15	1070+00 1100+00				671			
16	1100+00 1130+00				1104			
16A	33+00 53+00	77	500	5563	1951			
16B	20+00 22+00			609				
16C	12+00 32+53			4620				
17	1130+00 1160+00				711			
18	1160+00 1185+00				993			
19	1185+00 1215+00				3615			
19A	4+45 25+03		1068	5746	1437		2	
19B	24+39 29+88			1404				
19C	30+17 32+00			451				
19D	10+00 34+88			5626				
20	1215+00 1245+00				5345			
20A	0+00 25+23							
20B	17+33 35+00							
20C	35+00 62+94							
20D	0+00 18+55							
20E	20+00 45+00	874	1516	6757	1813	7	1	
20F	15+57 40+00		702	4840	2271			
20G	0+00 24+50			5163				
21	1245+00 1275+00				1969			
21A	0+00 16+11	267	40	4456				
22	1275+00 1294+50				605			
22A	32+00 53+15							
UNITS		SQ. YDS.	SQ. YDS.	SQ. YDS.	LIN. FT.	EACH	EACH	
TOTALS		1218	3825	53093	34342	7	3	

DATE	4/12/24	REVISION	
BY		REVISION	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
<b>ESTIMATED QUANTITIES</b>			
REMOVALS			
DATE: 4/12/2024			
WORKING NUMBER	EQ-1	PROJECT NO.	STBC-002-04(070)
SHEET NUMBER	24	COUNTY :	TIPPAH
FILENAME:	EQ.DGN	CHECKED	
DESIGN TEAM		DATE	









**ADDENDUM**

STATE PROJECT NO.  
MISS. STBC-002-04(070)

**JUNCTION BOXES REQUIRED**

WK. SH. NO.	STATION	SIDE 1		SIDE 2		SIDE 3		SIDE 4		SIDE W1-3 (FT.)	SIDE W2-4 (FT.)	INLET HEIGHT	CLASS B CONC.	REINF. STEEL	BAR LIST						REMARKS			
		SIZE	SKEW	SIZE	SKEW	SIZE	SKEW	SIZE	SKEW						A1	A2	A3	A4	B	C		D	E	F
5	784+45	44x27	0	18	0	44x27	0	0	0	6.08	3.67	4.25	1.7	124.1	2 @ 41	2 @ 28	2 @ 41	0 @ 0	2 @ 67	2 @ 38	4 @ 45	18 @ 40	12 @ 69	
13	1033+62	36	0	18	0	36	0	0	0	5.42	3.67	5.00	1.8	114.6	2 @ 37	2 @ 28	2 @ 37	0 @ 0	2 @ 59	2 @ 38	4 @ 54	16 @ 40	12 @ 61	
14	1049+65	44x27	0	0	0	44x27	0	18	0	6.08	3.67	4.25	1.7	124.1	2 @ 41	0 @ 0	2 @ 41	2 @ 28	2 @ 67	2 @ 38	4 @ 45	18 @ 40	12 @ 69	
14	1055+11	24	0	18	0	24	23	0	0	4.46	3.67	3.75	1.3	96.6	2 @ 32	2 @ 28	2 @ 32	0 @ 0	2 @ 47	2 @ 38	4 @ 39	14 @ 40	12 @ 49	
17	1132+68	42	0	0	0	42	0	0	0	6.00	2.50	5.63	1.5	93.1	2 @ 41	0 @ 0	2 @ 41	0 @ 0	2 @ 66	2 @ 24	4 @ 62	18 @ 26	8 @ 68	
UNITS													CU. YDS.	LBS.										
TOTALS													8	552										

**GUARD RAIL REQUIRED**

WK. NO.	STATION	STATE STD. (INSTALL)	GUARD RAIL LENGTHS						CABLE ANCHOR	TEMP. TERMINAL SECTION	FLARED TERMINAL SECTION	NON-FLARED TERMINAL SECTION	TEMP. BRIDGE END SECTIONS	BRIDGE END SECTION	REMARKS
			DIST. A	DIST. B	DIST. C	DIST. D	DIST. E	DIST. F							
16A	38+18.82	GR-4A	106	62.5	56	12.5				2				2	CR 700
16A	43+48.18	GR-4A	106	62.5	56	12.5				2				2	CR 700
16C	21+20.00	TGR-1	38	25.0					2			2			TEMPORARY GUARDRAIL; "B" = 12.5' LT & RT EACH
16C	22+13.00	TGR-1	38	25.0					2			2			TEMPORARY GUARDRAIL; "B" = 12.5' LT & RT EACH
19A	10+23.52	GR-4A	106	62.5	56	12.5				2				2	COTTON GIN RD
19A	13+53.86	GR-4A	106	62.5	56	12.5				2				2	COTTON GIN RD
20E	29+05.01	GR-4A	106	62.5	56	12.5				2				2	SR 4
20E	32+79.36	GR-4A	93	50.0	56	12.5				2				2	SR 4; "A"/"B" SIDE = 16:1 FLARE RATE
UNITS			L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EACH	EACH	EACH	EACH	EACH	EACH	
TOTALS			-	413	-	75	-	0	4	12	0	4	12	12	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**ESTIMATED QUANTITIES**  
JUNCTION BOXES &  
GUARD RAIL

DATE: 4/12/2024  
WORKING NUMBER: EQ-9  
PROJECT NO. STBC-002-04(070)  
COUNTY: TIPPAH

FILENAME: EQ.DGN  
DESIGN TEAM: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
DATE: \_\_\_\_\_  
SHEET NUMBER: 32



BY	DATE	REVISION
MJ	4/12/24	REVISED QUANTITIES

# ADDENDUM

STATE PROJECT NO.  
MISS. STBC-002-04(070)


## DRIVEWAYS AND SIDE DRAINS REQUIRED

WK. NO.	STATION	OFFSET	WIDTH	AREA (SQ. YDS.)	ASPHALT 1.5"-9.5m m	ASPHALT 2.0", 12.5mm	CONCRETE (SQ. YDS.)	GRAN. MAT. CL. 3, GRP C	PIPE SIZES							REMARKS		
									18"	24"	30"	36"	42"	22"x13"	36"x23"		44"x27"	51"x31"
4	742+89	L	16	251													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
4	742+89	R	16	216												56	SR-15 - TO BE PAVED IN FUTURE CONTRACT	
4	762+93	R	16	216					64								SR-15 - TO BE PAVED IN FUTURE CONTRACT	
5	782+34	L	16	251													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
5	782+40	R	16	300													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
6	801+48	L	16	251													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
6	801+44	R	16	200													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
6	820+66	L	16	269													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
6	820+66	R	16	316					56				40				SR-15 - TO BE PAVED IN FUTURE CONTRACT	
6A	51+82	R	16	136													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
7	840+02	L	16	251													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
7	839+97	R	16	214													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
7	859+26	L	16	443													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
7	859+26	R	16	388													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
10	941+81	L	16	329													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
10	941+81	R	16	278													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
11A	35+78	R	16	242	18	18		225									CR-706	
11	971+90	L	16	357													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
11	971+90	R	16	242													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
12	994+17	L	16	198													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
12	994+17	R	16	225													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
13	1014+09	L	16	198													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
13	1014+09	R	16	225													SR-15 - TO BE PAVED IN FUTURE CONTRACT	
13A	28+43	R	16	104	104	104											CR-705	
14A	28+99	L	16	152	10	10		142									CR-704	
16A	32+67	L	16	137	140	140											CR-700	
16A	33+29	R	16	79	79	79											CR-700	
16A	34+65	L	16	158	158	158											CR-700	
16A	35+34	L	16	185	26	26		159									CR-700	
16A	48+56	L	16	191	191	191											CR-700	
16A	49+93	R	16	143	27	27											CR-700	
16A	51+82	R	16	66			66										CR-700	
16C	13+83	L															TEMPORARY PIPE ON CR 700 DETOUR	
16C	28+18	L															TEMPORARY PIPE ON CR 700 DETOUR	
16C	29+52	R															TEMPORARY PIPE ON CR 700 DETOUR	
16C	31+44	R															TEMPORARY PIPE ON CR 700 DETOUR	
19A	5+94	L	16	136	136	136											COTTON GIN RD.	
19A	8+00	R	16	193	193	193											COTTON GIN RD.	
19A	8+51	L	16	267	267	267											COTTON GIN RD.	
19A	19+47	R	16	160	18	18		142									COTTON GIN RD.	
19B	26+36	R	16	165	10	10		155									CHAPMAN RD.	
19D	14+00	L	16	137	137	137											TEMPORARY ON COTTON GIN DETOUR	
19D	15+71	R	16	143													TEMPORARY ON COTTON GIN DETOUR	
19D	16+40	L	16	130	130	130											TEMPORARY ON COTTON GIN DETOUR	
19D	27+21	R															TEMPORARY ON COTTON GIN DETOUR	
20F	17+65	R	16	92	88	88											LEGION LAKE RD.	
20F	19+22	R	16	103	10	10		93									LEGION LAKE RD.	
20F	22+72	R	16	140	10	10		130									LEGION LAKE RD.	
20F	27+69	R	16	158	10	10		165									LEGION LAKE RD.	
20F	29+61	R	16	87	10	10		131									LEGION LAKE RD.	
20F	31+29	R	16	55	10	10		70									LEGION LAKE RD.	
20F	31+48	R	16	55	10	10		70									LEGION LAKE RD.	
20F	32+57	R	16	56	10	10		70									LEGION LAKE RD.	
20F	37+52	R	16	120	10	10		110									LEGION LAKE RD.	
20F	38+49	R	16	104			86										LEGION LAKE RD.	
20E	41+19	R	16	114	114	114											SR-4	
20E	43+24	L	16	118	27	27		91									SR-4	
20E	39+50	L	16	476	26	26		450									TEMPORARY PIPE ON SR 4 DETOUR	
20G	20+00	L															TEMPORARY PIPE ON SR 4 DETOUR	
20G	20+48	R															TEMPORARY PIPE ON SR 4 DETOUR	
20G	22+06	R															ESTATE ST.	
21A	0+45	R	16	57			57										ESTATE ST.	
<b>TOTALS</b>				SQ.YDS.	SQ.YDS.	SQ.YDS.	SQ.YDS.	SQ.YDS.	SQ.YDS.	SQ.YDS.	SQ.YDS.	SQ.YDS.	SQ.YDS.	SQ.YDS.	SQ.YDS.	SQ.YDS.	SQ.YDS.	
				1982	1982	1982	209	2317	1409	264	184	0	104	32	120	40	48	56
				TONS	TONS	TONS	CY	CY										
				164	164	218	386	386										

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

## ESTIMATED QUANTITIES

**DRIVEWAYS & SIDE DRAINS**



DATE: 4/12/2024

WORKING NUMBER  
**EQ-10**

SHEET NUMBER  
**33**


PROJECT NO. STBC-002-04(070)

COUNTY : TIPPAH

FILENAME: EQ.DGN

CHECKED \_\_\_\_\_ DATE \_\_\_\_\_

DATE	BY	REVISION
4/12/24	MJ	REVISED QUANTITIES



B.M.ELEV. 406.92  
Paint spot on North end  
of pipe 33' L.T. Sta. 710+15

B.M.ELEV. 407.53  
Nail on L.T. pavement  
edge 12' L.T. Sta. 715+00

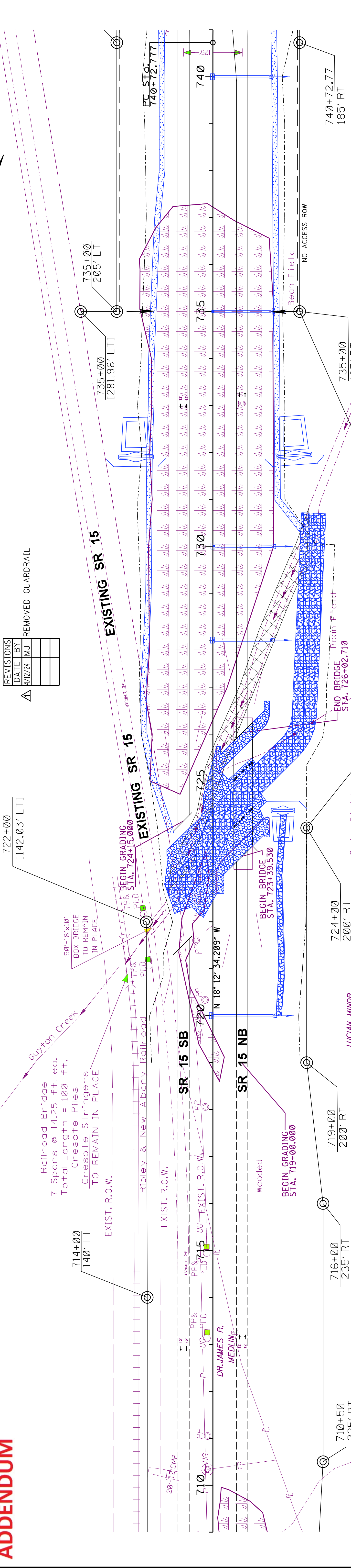
B.M.ELEV. 404.76  
SW corner box culvert  
100' L.T. Sta. 721+50

B.M.ELEV. 406.98  
Nail on East side  
#15 L.T. Sta. 731+00

B.M.ELEV. 409.20  
Nail on East side  
#15 L.T. Sta. 737+00

**ADDENDUM**

STATE PROJECT NO.  
MISS. STBG-0022-04(070)

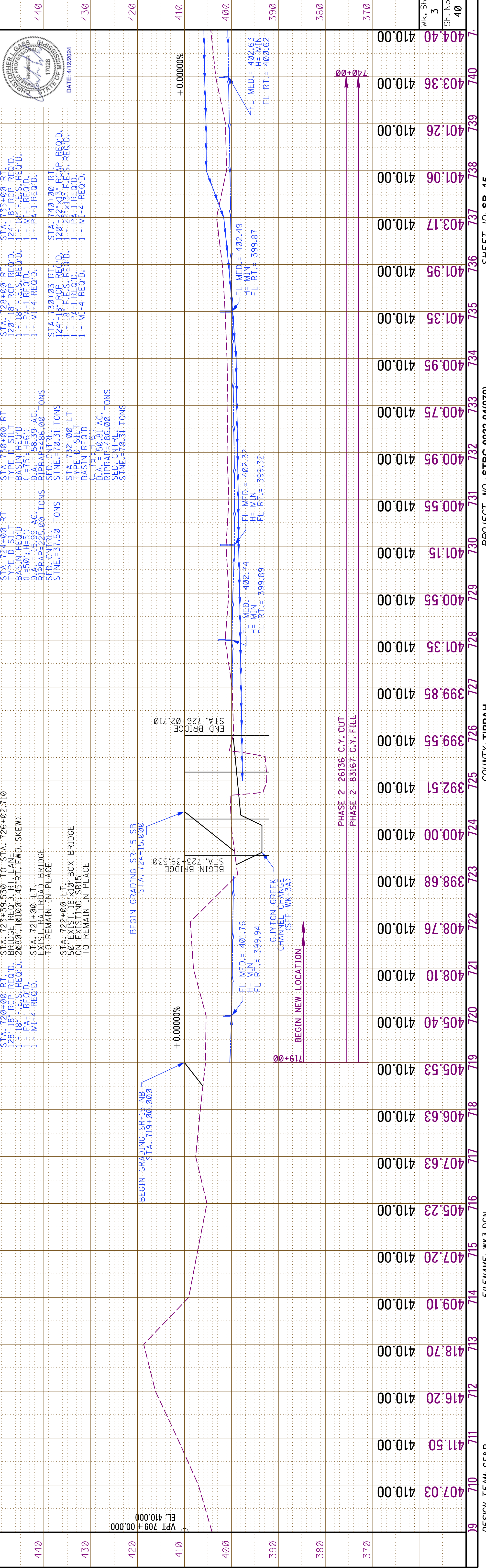


EROSION CONTROL ITEMS	SYMBOL	UNITS	TOTALS
DITCH LINER		S.Y.	2407
SOIL REIN. MATERIAL		S.Y.	873
PAVED DITCH		C.Y.	2109
RIP RAP		TON	1089
SILT FENCE		L.F.	1089
SUPER SILT FENCE		S.Y.	1089
SOIL SOD		S.Y.	1089
EROSION CHECKS		BALE	1089

**PHASE 2**

EARTHWORK TOTAL THIS SHEET	
Cut	2636
Fill	8367
Excess	
Surplus	
Borrow	

WETLAND SITE	
TEMPORARILY FILLED	0.12 AC.
PERMANENTLY FILLED	6.51 AC.
BRIDGED	0.000 AC.



PROJECT NO. STBC-0022-04(070)  
STATE MISS.

B.M.ELEV. 561.65  
NISO 8" Pine  
25' RT. STA. 889+00

B.M.ELEV. 547.78  
NISO 12" Oak  
150' RT. STA. 884+00

B.M.ELEV. 525.66  
NISO 20" Red Oak  
150' RT. STA. 879+60

B.M.ELEV. 523.68  
NISO 14" Post Oak  
175' LT. STA. 874+70

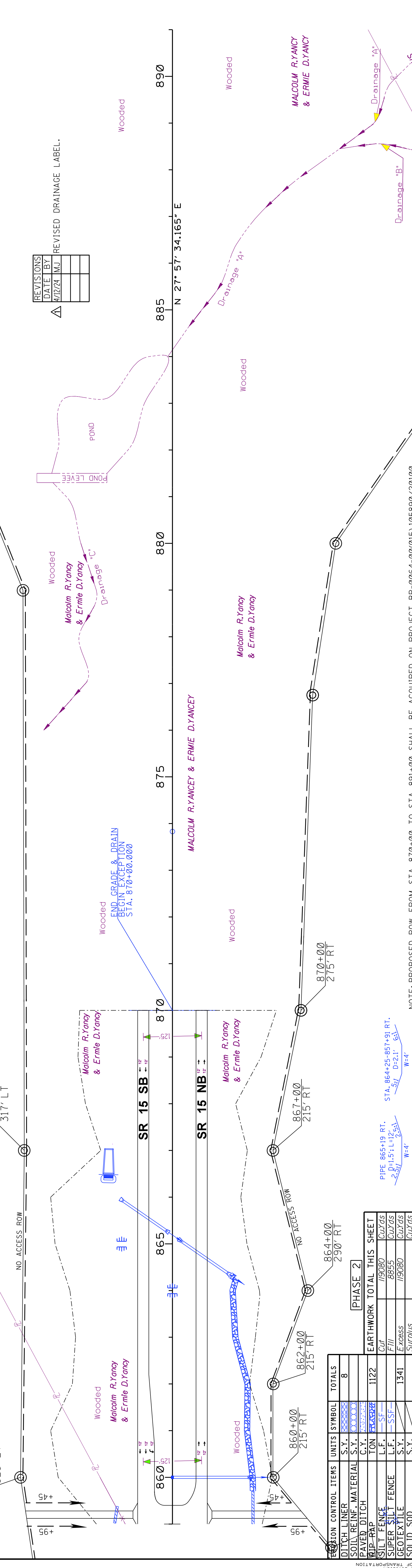
B.M.ELEV. 492.14  
NISO 15" Post Oak  
125' RT. STA. 867+00

B.M.ELEV. 469.26  
NISO 24" Twin Red Oak  
200' RT. STA. 860+75

**ADDENDUM**

REVISTIONS

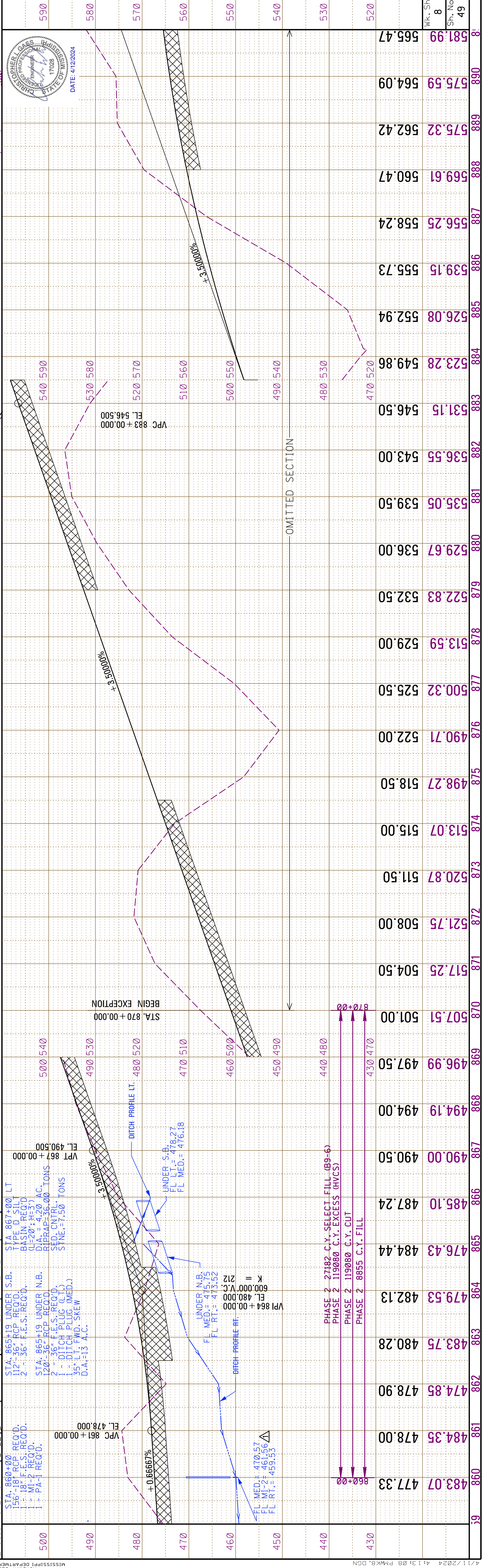
DATE	BY	REVISION
4/12/24	MJ	REVISED DRAINAGE LABEL.



PHASE 2

REGION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		8
SOIL REIN. MATERIAL	S.Y.		0
PAVED DITCH	C.Y.		0
PIP-RAP	TON		1122
SILT FENCE	L.F.		0
SUPER SILT FENCE	L.F.		0
GEOTEXTILE	S.Y.		1341
SOLID SOD	S.Y.		0
EROSION CHECKS	BALE		27182

NOTE: PROPOSED ROW FROM STA. 870+00 TO STA. 891+00 SHALL BE ACQUIRED ON PROJECT BR-0064-00(015) 105890/20100



STA.	ELEV.	STA.	ELEV.	STA.	ELEV.	STA.	ELEV.	STA.	ELEV.	STA.	ELEV.	STA.	ELEV.	STA.	ELEV.	STA.	ELEV.	STA.	ELEV.	
590		580		570		560		550		540		530		520		510		500		
	581.99		575.59		575.32		569.61		562.42		555.73		526.08		523.28		519.15		516.50	
	889		889		888		888		887		886		885		884		883		882	
	8		8		8		8		8		8		8		8		8		8	
	49		49		49		49		49		49		49		49		49		49	





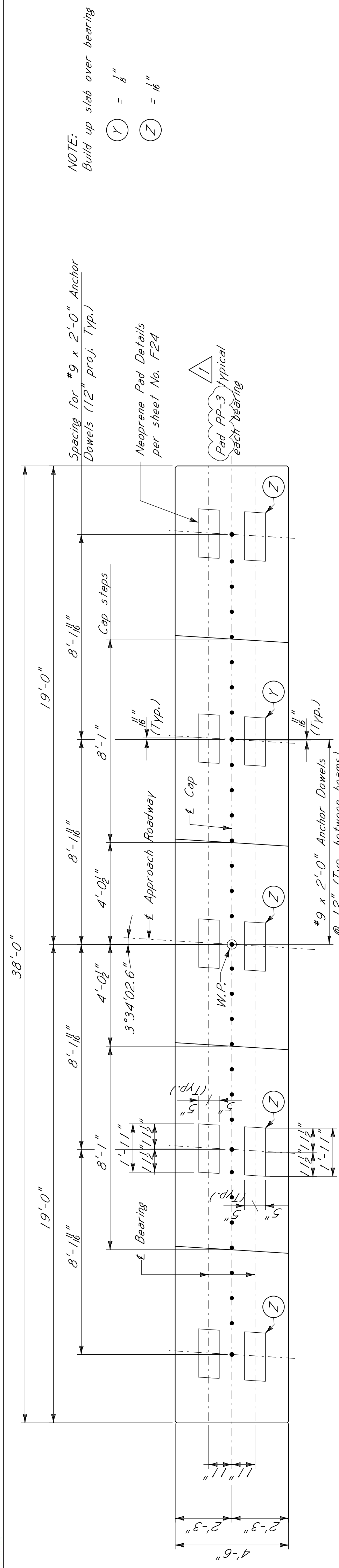




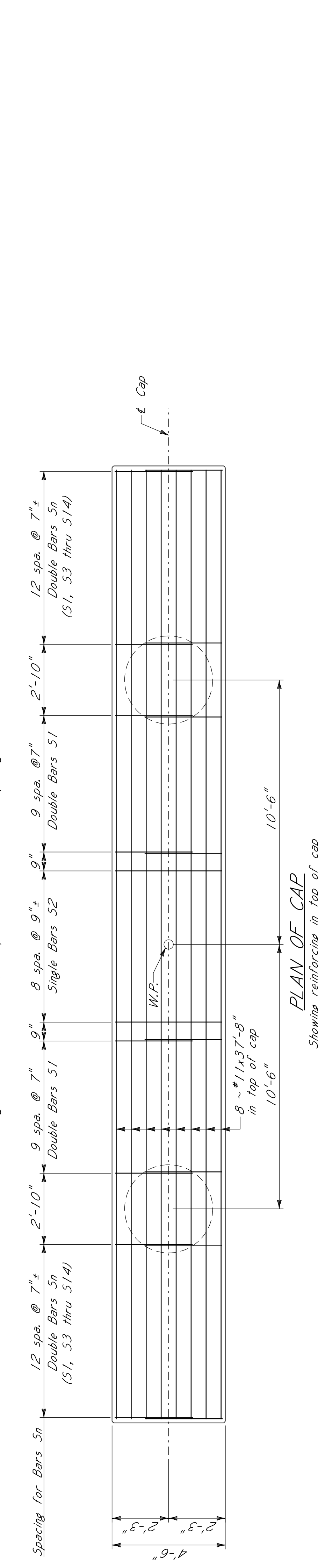




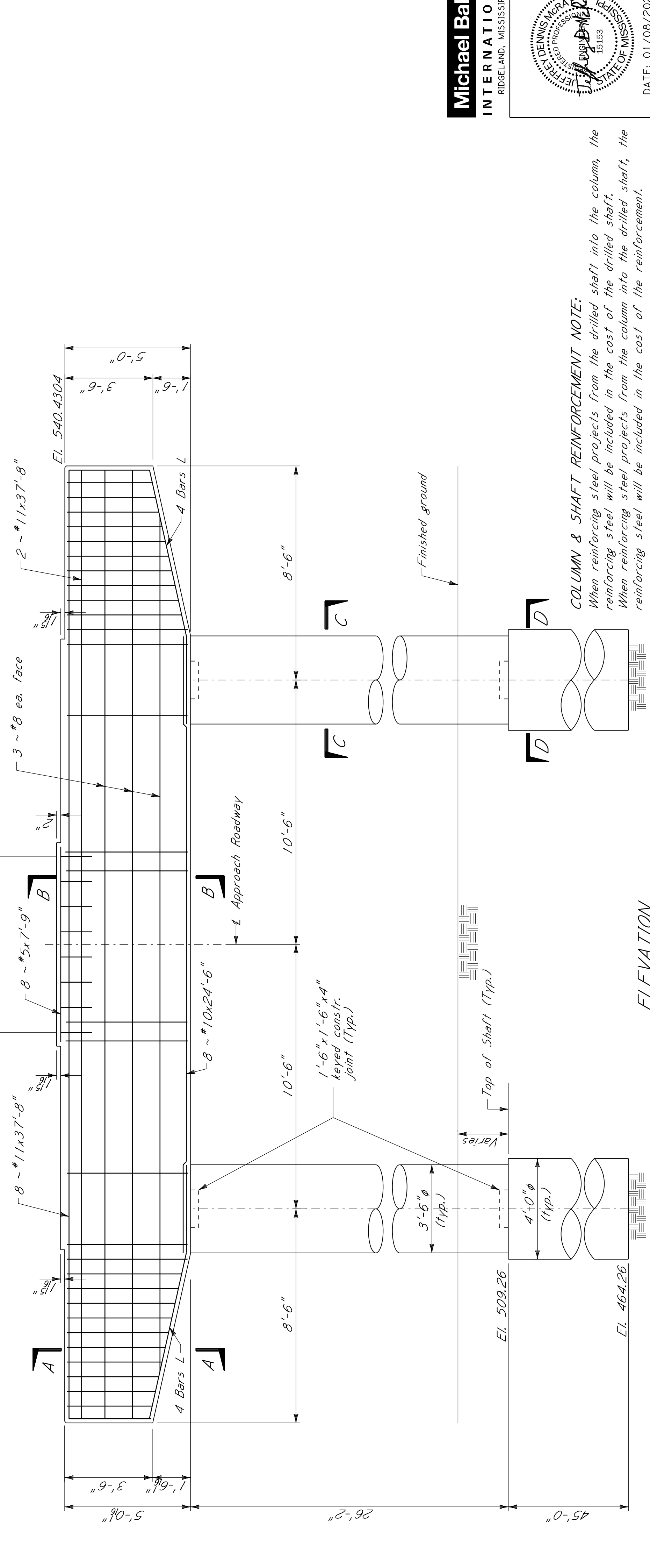
STATE	PROJECT NO.
MISS.	STBG-0022-04(070)



**PLAN OF BENT**  
Showing concrete dimensions, Neoprene Pads and Dowel spacing



**PLAN OF CAP**  
Showing reinforcing in top of cap



**ELEVATION**

NOTE:  
Build up slab over bearing

(Y) = 8"  
(Z) = 16"

**GENERAL NOTES:**  
All concrete shall be class "AA"

Chamfer all concrete edges 3" unless otherwise noted.

Placing dimensions for reinforcing steel to concrete surfaces are clear distances.

For column and shaft reinforcing details, sections A-A, B-B, C-C, D-D and additional details see sheet No. F9.

For Bar Bending details, see sheet No. F9.

Construction joints are permitted only where shown.

BY	REVISIONS	DATE
JDM	REVISED PLAN PAD DESIGNATION	04/10/24

**Michael Baker INTERNATIONAL**  
RIDGELAND, MISSISSIPPI

DATE: 01/08/2024

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
UNDERPASS AT STA. 1195+32.06

INTERMEDIATE BENT 4

PROJECT NO. 101631/301000  
STBG-0022-04(070)  
TIPPAH COUNTY

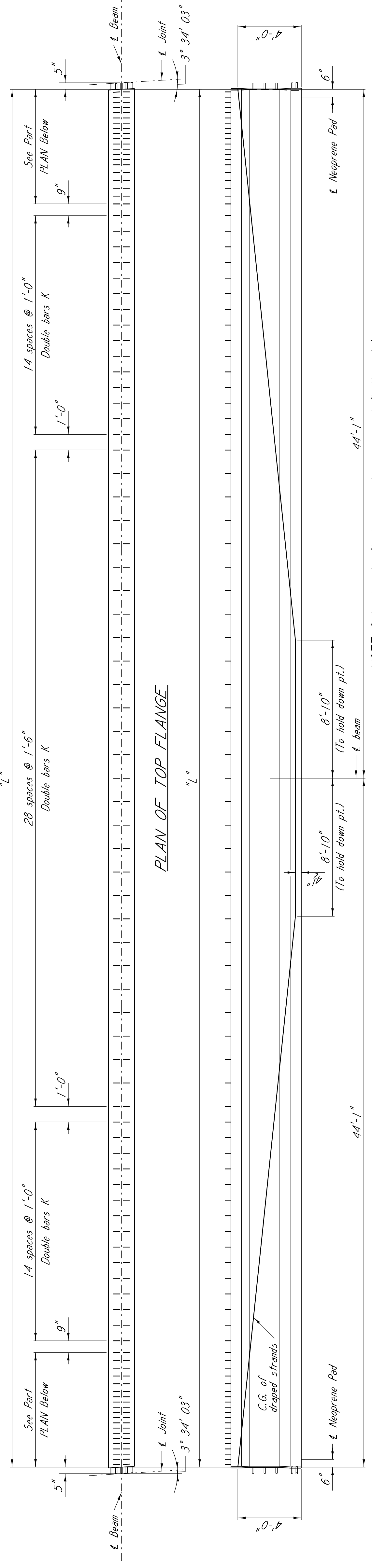
DESIGNED: JDM  
CHECKED: KJC

TRACED: CADD  
ISSUED: DATE: 01/08/2024

WORKING NUMBER: F8 OF 25  
SHEET NUMBER: 8117

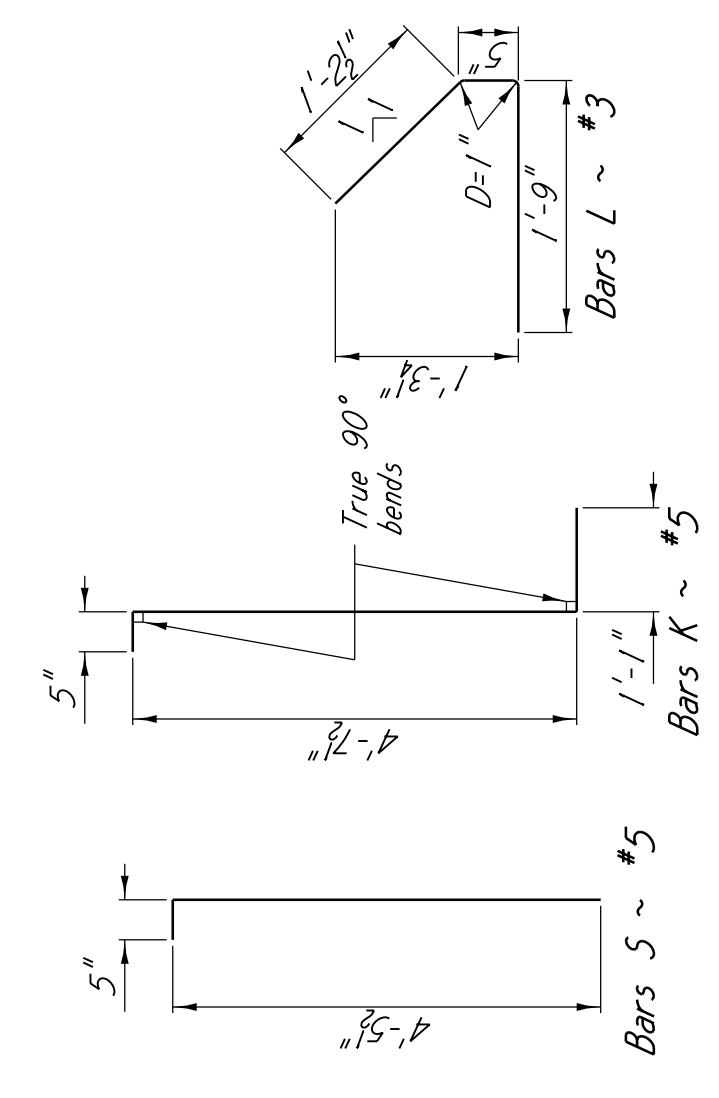
**COLUMN & SHAFT REINFORCEMENT NOTE:**  
When reinforcing steel projects from the drilled shaft into the column, the reinforcing steel will be included in the cost of the drilled shaft.  
When reinforcing steel projects from the column into the drilled shaft, the reinforcing steel will be included in the cost of the reinforcement.

STATE	PROJECT NO.
MISS.	STBG-0022-04(070)

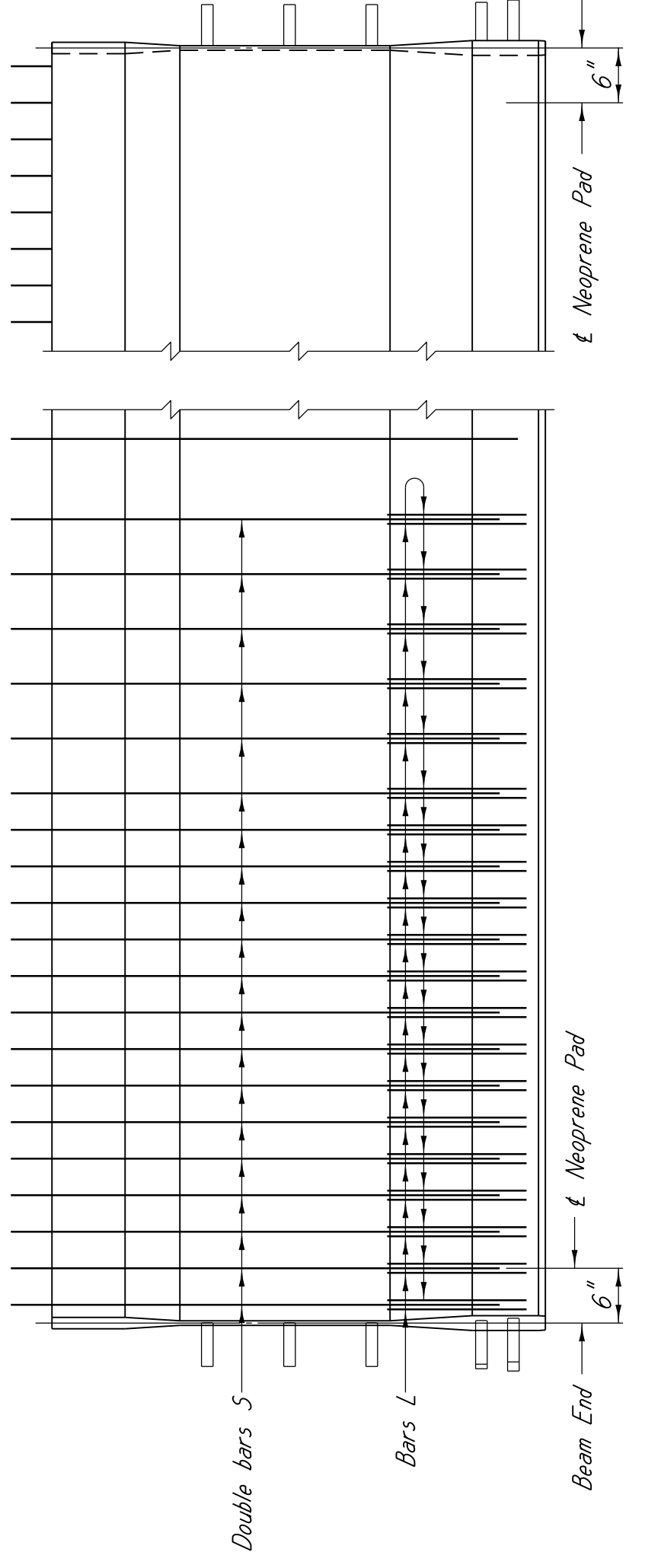


NOTE: Cut strands flush-no coating required (both ends).

NOTE: For Table of Beam Dimensions see sheet No. F25



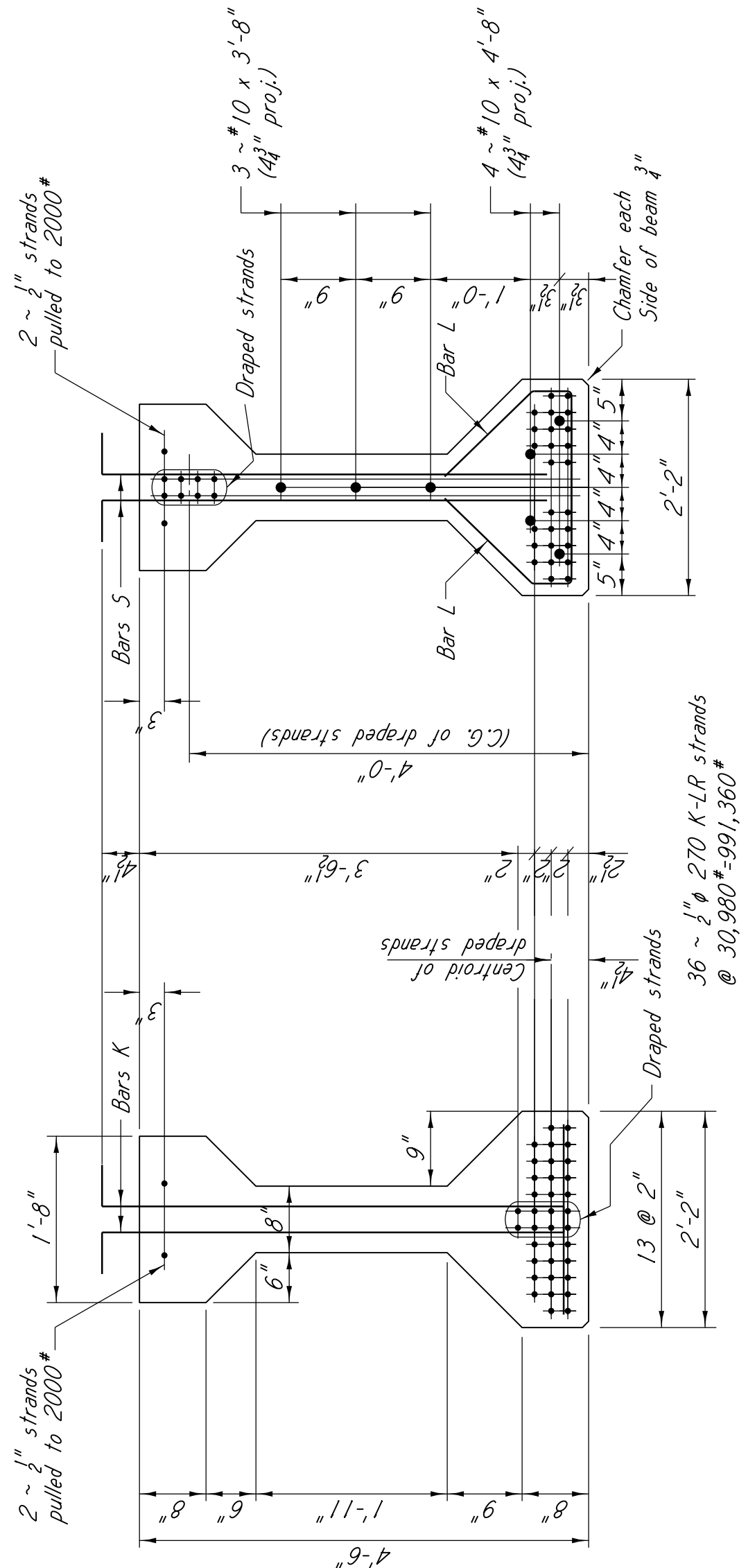
**PART PLAN**



PART ELEVATION  
Strands Not Shown For Clarity

**BAR BENDING DETAILS**

Dimensions are out to out



**SECTION NEAR & SPAN**

**END ELEVATION**

LR Indicates Low-Relaxation Strands

Strand Type	Minimum Breaking Strength	Initial Tension
1/2" 270 K-LR	41,300	30,980

**PRESTRESS REQUIREMENTS**

Distance From Span To Hold-Down Point	Camber Limits		Minimum Concrete Strength At Time Of Release
	A	B	
0 To 28"	1/8"	1/16"	4200 p.s.i.

Required Number And Location Of Strands	Centroid For Total Number Of Strands (in.)	
Total Straight Strands	At & Span	At Beam End
36	4.36	14.06

Required Number And Location Of Strands	Deflection Diagram	
Total Straight Strands	A	C
36	1/8"	1/16"

For Deflection Diagram See Misc. Span Details Per Sheet No. F20

**Michael Baker INTERNATIONAL**  
RIDGELAND, MISSISSIPPI

DATE: 01/08/2024

DESIGNED	JDM	DATE	04/10/24
CHECKED	KJC	ISSUED	
TRACED	CADD	DATE	01/2024
WORKING NUMBER	F23 OF 25	SHEET NUMBER	8132

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
UNDERPASS AT STA. 1195+32.06

89 FT. BEAM DETAILS (INT. SPAN)  
(TYPE IV)

PROJECT NO. 101631/301000  
STBG-0022-04(070)  
TIPPAH COUNTY

MICHAEL BAKER INTL. - CONSULTING ENGINEERS  
Ridgeland, Mississippi

**GENERAL NOTES:**

Beams shall be manufactured in accordance with Mississippi Standard Specifications For Road & Bridge Construction, 2017.  
The tops of beams shall be rough floated. At approximately the time of initial set the entire tops of beams shall be scrubbed transversely with a coarse wire brush to remove all laitance and produce a roughened surface for bonding slab.  
Other surfaces shall be finished 270 K-LR strands. Shop drawings of prestressed strand pattern detailed to the type and location of all strands.  
The Director of Structures, State Bridge Engineers shall be notified if the camber of the beam is not within the limits shown in table.  
The fabricator shall provide camber data at release and immediately prior to shipping. Concrete shall be class "FX" and:  
(a) at transfer of the tensioning load, the cylinder strength of the concrete shall be as shown in table.  
(b) at transfer of the tensioning load, the cylinder strength of the concrete shall be as shown in table.  
At the contractor's request a suggested design mix will be furnished with the understanding that is the contractor's responsibility to maintain 5000 p.s.i. concrete.  
If any cylinder test is below 5000 p.s.i., the beam represented will be held on the yard until the 28-day strength is determined and acceptance or rejection has been established.

**DESIGN DATA**

Unit stresses are in accordance with A.A.S.H.T.O., LRFD 2012.  
Stay-In-Place Metal Forms ..... 18 lbs./11" (Between Flanges)

**ELEVATION**

Showing flat pad (PP-2 & PP-3) with no bevel

**ELEVATION**

NOTE: Beveled Neoprene Bearing (PP-1) req'd. for beams 75-1, 75-2 & 75-3 in span 1 only.  
Showing pad (PP-1) with bevel

**NEOPRENE PAD DETAILS**

In no case shall neoprene pads be field cut. bearing area on top of cap shall be cast smooth and true to grade.



**ADDENDUM**

STATE	PROJECT NO.
MISS.	STP-2911-00(001)

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
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TYPICAL SECTIONS - SR 15 SW AND SE RAMPS		TS-2	8
TYPICAL SECTIONS - SR 15 SW AND SE RAMPS		TS-3	9
TYPICAL SECTIONS - SR 15 NW AND NE RAMPS		TS-4	10
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TYPICAL SECTIONS - SR 2 CHANNELIZED INTERSECTION ADN EXISTING SR 15		TS-8	14
TYPICAL SECTIONS - SR 2 NEW CONSTRUCTION WITH UNDERCUT		TS-9	15
TYPICAL SECTIONS - SR 2 BRIDGE A & B		TS-10	16
TYPICAL SECTIONS - CR 708 AND SR 368 CUL-DE-SAC		TS-11	17
TYPICAL SECTIONS - SR 368 DETOUR		TS-12	18
TYPICAL SECTIONS - SR 368 DETOUR CONSTRUCTION AND REMOVAL			
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ESTIMATED QUANTITIES - EARTHWORKS		EQ-2	24
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ESTIMATED QUANTITIES - BOX CULVERTS		EQ-5	27
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ESTIMATED QUANTITIES - DRIVEWAYS & SIDE DRAINS		EQ-8	30
ESTIMATED QUANTITIES - GUARDRAIL, BRIDGE END PAVEMENT, AND DELINEATORS		EQ-9	31
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ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLIES REQUIRED		EQ-11	33
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLIES REQUIRED		EQ-12	34
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ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS		EQ-14	36
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SW RAMP STA. 890+00.00 TO STA. 904+00.00		WK-3B	40
SR 368 STA. 26+00.00 TO STA. 45+00.00		WK-3C	41
SE RAMP STA. 879+00.00 TO STA. 901+93.04		WK-3D	42
SR 15 STA. 893+00.00 TO STA. 923+00.00		WK-4	43
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INTERCHANGE ROW LAYOUT		WK-4B	45
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NW RAMP STA. 920+00.00 TO STA. 934+00.00		WK-4D	47
NW RAMP STA. 905+00.00 TO STA. 932+45.00		WK-4E	48
SR 15 STA. 923+00.00 TO E.O.P.		WK-5	49

PLAN & PROFILE SHEETS (CONTINUED)			
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EXISTING SR 15 STA. 358+00.00 TO STA. 372+00.00		WK-6A	51
SR 2 STA. 130+00.00 TO STA. 160+00.00		WK-7	52
SR 2 /SR 368 STA. 160+00.00 TO STA. 65+00.00		WK-8	53
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EROSION CONTROL - SW RAMP STA. 890+00.00 TO STA. 904+00.00		ECP-3B	59
EROSION CONTROL - SR 368 STA. 26+00.00 TO STA. 45+00.00		ECP-3C	60
EROSION CONTROL - SE RAMP STA. 879+00.00 TO STA. 901+93.04		ECP-3D	61
EROSION CONTROL - SR 15 STA. 893+00.00 TO STA. 923+00.00		ECP-4	62
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EROSION CONTROL - NE RAMP STA. 920+00.00 TO STA. 934+00.00		ECP-4D	64
EROSION CONTROL - NW RAMP STA. 905+00.00 TO STA. 927+00.00		ECP-4E	65
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EROSION CONTROL - EXISTING SR 15 STA. 358+00.00 TO STA. 372+00.00		ECP-6A	69
EROSION CONTROL - SR 2 STA. 130+00.00 TO STA. 160+00.00		ECP-7	70
EROSION CONTROL - SR 2 /SR 368 STA. 160+00.00 TO STA. 190+00.00		ECP-8	71
EROSION CONTROL - CR 708 STA. 10+00.00 TO STA. 15+50.00		ECP-8A	72
EROSION CONTROL - SR 2 /SR 368 STA. 190+00.00 TO STA. 67+65.00		ECP-8B	73
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TRAFFIC CONTROL PLAN - PHASE CONSTRUCTION TYPICAL SECTION		TC-TS	78
TRAFFIC CONTROL PLAN - PHASE 1 - SR 15 AND SR 2		TC-1	79
TRAFFIC CONTROL PLAN - PHASE 2 - SR 368 DETOUR CONSTRUCTION		TC-2	80
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MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**DETAILED INDEX**

BY	REVISION

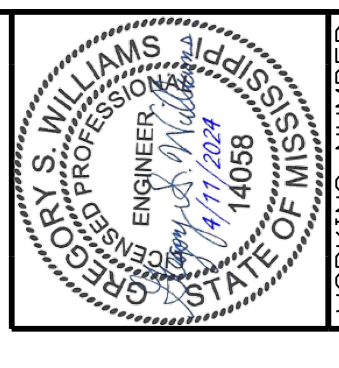
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COUNTY: TIPPAH

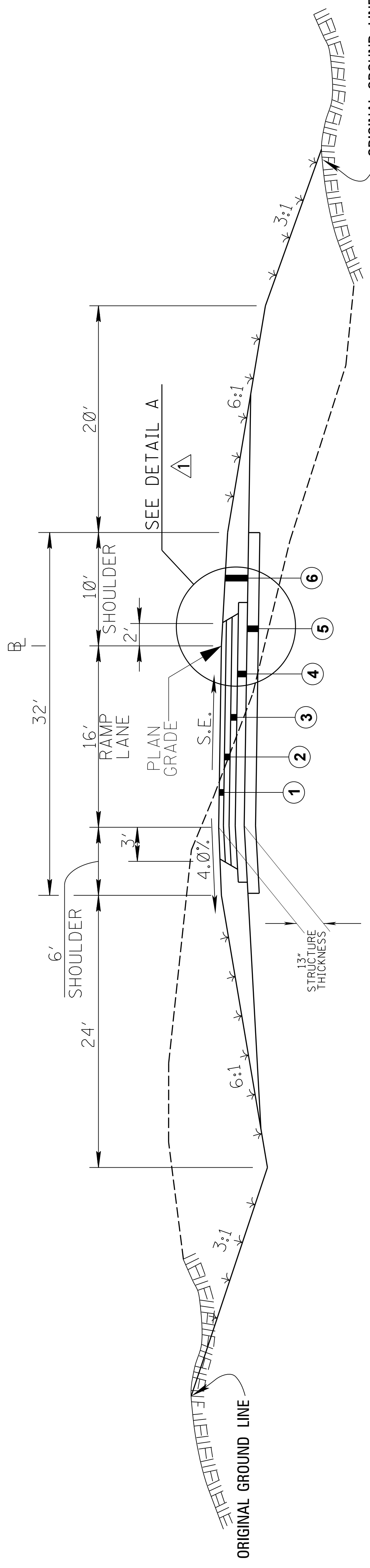
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DESIGN TEAM: GRESHAM, SMITH CHECKED: \_\_\_\_\_

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

PS & E PLANS-DATE: 1/09/24

FMS CON. # 105890/301000			
REVISONS			
DATE	SHEET NO.	BY	
2-02-24	6,12,14,19,24,53,71	GSW	
2-20-24	19,20,21,22	MJ	
4-11-24	8,10,12-14,16,19-23,	GSW	
	26,29-31,38,43,45,		
	49,51-53,55		





**TYPICAL SECTION - SR 15 BYPASS SE RAMP**  
NEW CONSTRUCTION

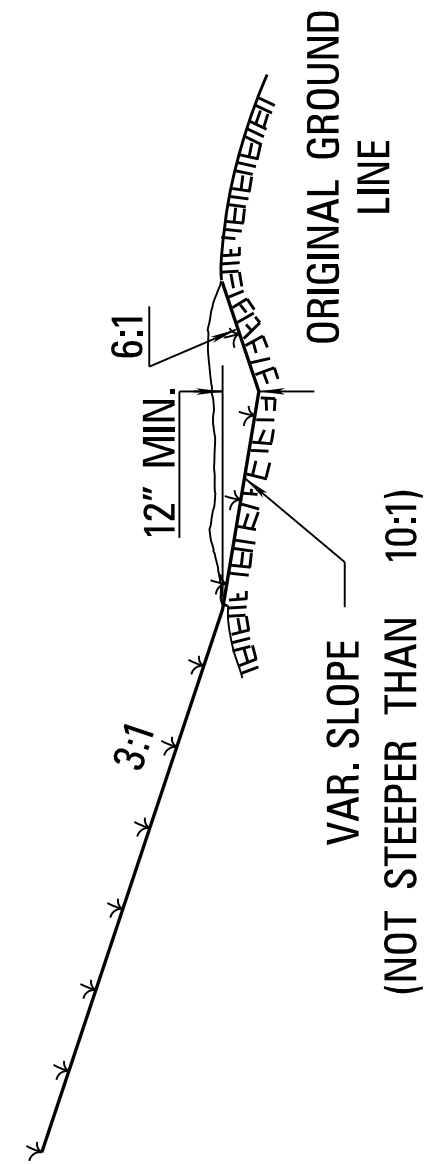
PAVING - STA. 897 + 24.527 TO STA. 901 + 67.035  
 (GRADING ONLY - STA. 884 + 00 TO STA. 888 + 00 AND STA. 891 + 00 TO STA. 897 + 24.527)  
 (SEE TS-3 FOR SLOPES IN HVC SOIL)

- ① 1.50" ASPHALT, MT (9.5MM MIXTURE) (1 @ 1.50")
- ② 2.50" ASPHALT, MT (12.5 MM MIXTURE) (1 @ 2.50")
- ③ 3.00" ASPHALT, MT (19MM MIXTURE) (1 @ 3.00")
- ④ 6.00" CEMENT TREATED GRANULAR MATERIAL (CLASS 9, GROUP C)
- ⑤ 10.00" CHEMICALLY TREATED SUBGRADE\*
- ⑥ 13.00" & VAR. GRANULAR MATERIAL (CLASS 3, GROUP C)

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

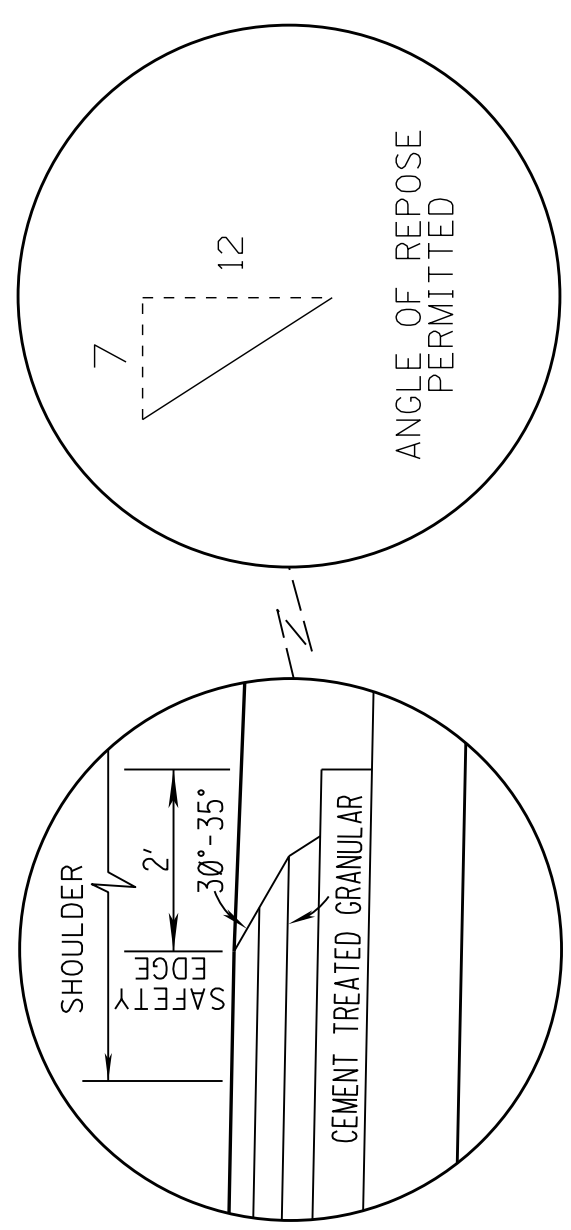
\* PLAN WILL INCLUDE QUANTITIES FOR SOIL CEMENT TREATMENT OF 50% OF THE SUBGRADE AND LIME TREATMENT (6% LIME) OF THE REMAINING 50% OF THE SUBGRADE. CHEMICAL TREATMENT SHALL EXTEND FROM OUTSIDE SHOULDER EDGE TO OUTSIDE SHOULDER EDGE.

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.

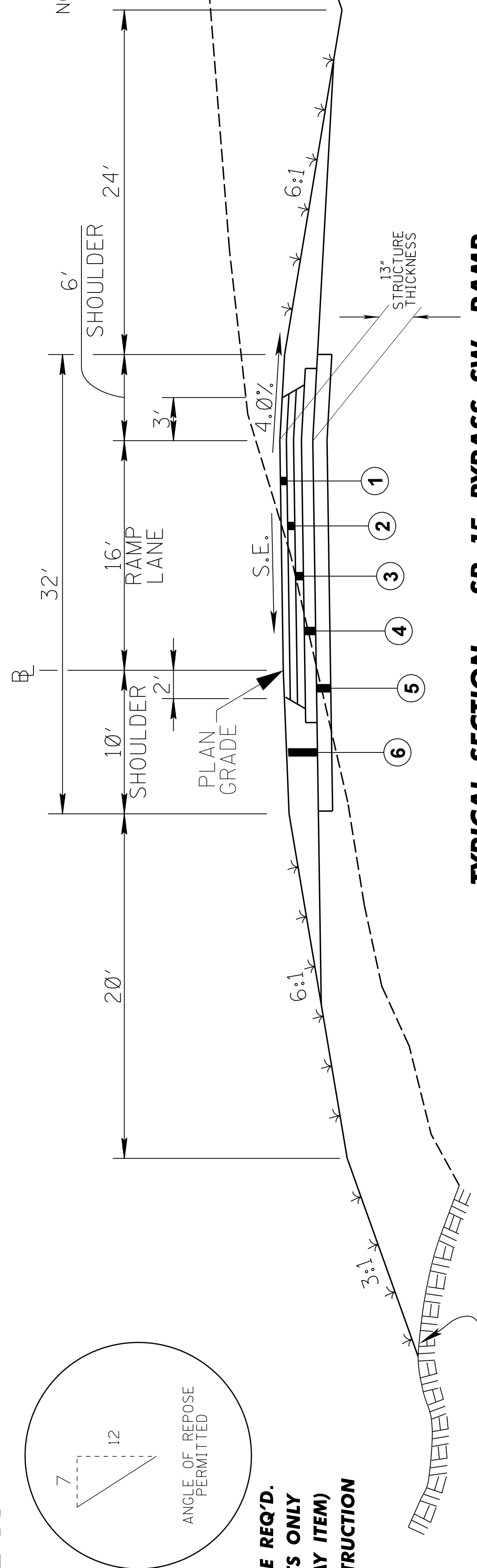


**FILL SLOPE DITCH DETAIL**

**DETAIL A**



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



**TYPICAL SECTION - SR 15 BYPASS SW RAMP**  
NEW CONSTRUCTION

STA. 903 + 00 TO STA. 904 + 07.294  
 (PAVING STA. 901 + 12.372 TO STA. 904 + 07.294)  
 (GRADING ONLY - STA. 875 + 50 TO 890 + 00 AND STA. 892 + 00 TO STA. 901 + 12.372)  
 (SEE TS-3 FOR SLOPES IN HVC SOIL)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
 SR 15  
 SW AND SE RAMP

PROJ. NO. STP-2911-00(001)  
 TIPPDAH COUNTY

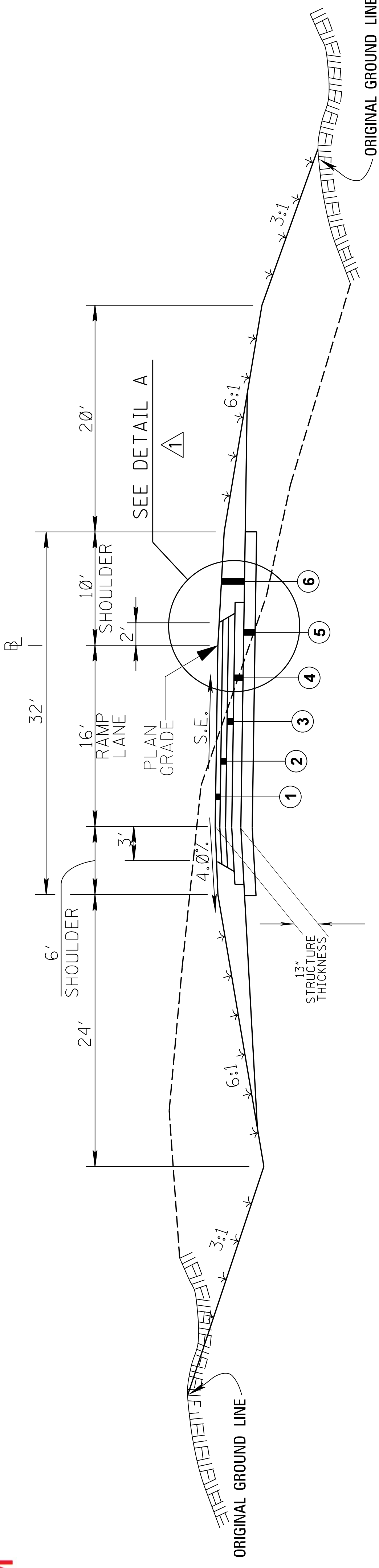
FILENAME: TS.DGN  
 DESIGN TEAM: GreshamSmith

DATE	4-11-24
REVISION	REVISED DETAIL
BY	CSW

WORKING NUMBER: TS-2  
 SHEET NUMBER: 8



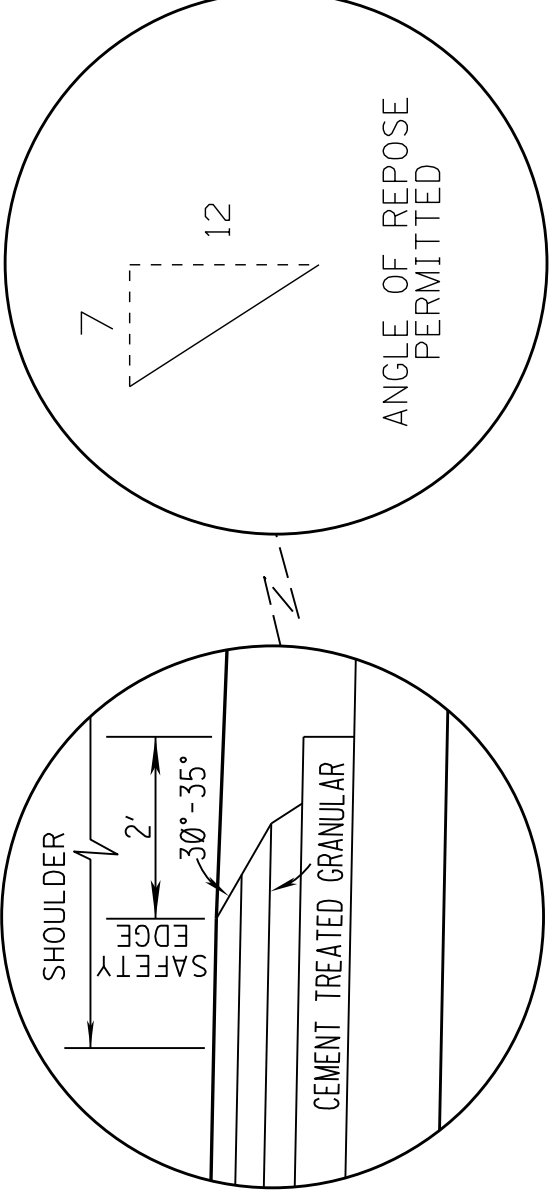
STATE	PROJECT NO.
MISS.	STP-2911-00(001)



**TYPICAL SECTION - SR 15 BYPASS NE RAMP**  
**NEW CONSTRUCTION**

**PAVING - STA. 902+19.035 TO STA. 905+12.006**  
**(GRADING ONLY STA. 905+12.006 TO STA. 920+00 AND STA. 924+00 TO STA. 930+50)**  
**(SEE TS-5 FOR SLOPES IN HVC SOIL)**

**DETAIL A**



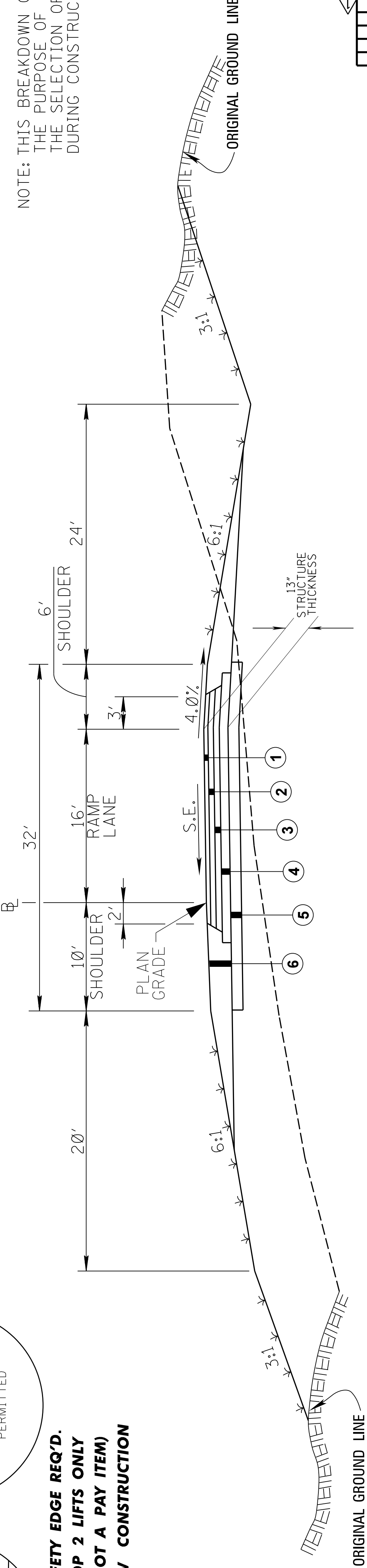
**SAFETY EDGE REQ'D.**  
**TOP 2 LIFTS ONLY**  
**(NOT A PAY ITEM)**  
**NEW CONSTRUCTION**

- ① 1.50" ASPHALT, MT (9.5MM MIXTURE) (1 @ 1.50")
- ② 2.50" ASPHALT, MT (12.5 MM MIXTURE) (1 @ 2.50")
- ③ 3.00" ASPHALT, MT (19MM MIXTURE) (1 @ 3.00")
- ④ 6.00" CEMENT TREATED GRANULAR MATERIAL (CLASS 9, GROUP C)
- ⑤ 10.00" CHEMICALLY TREATED SUBGRADE\*
- ⑥ 13.00" & VAR. GRANULAR MATERIAL (CLASS 3, GROUP C)

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

\* PLAN WILL INCLUDE QUANTITIES FOR SOIL CEMENT TREATMENT 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.



**TYPICAL SECTION - SR 15 BYPASS NW RAMP**  
**NEW CONSTRUCTION**

**PAVING - STA. 904+59.294 TO STA. 909+00**  
**(GRADING ONLY STA. 909+00 TO STA. 932+45.818)**

BY	REVISION	DATE
CSW	REVISED DETAIL	4-11-24

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**  
**TYPICAL SECTIONS**

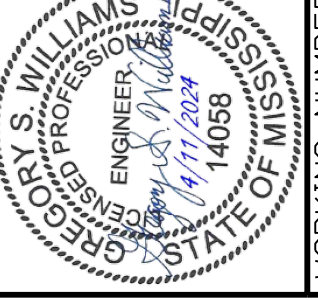
SR 15  
 NW AND NE RAMPS

PROJ. NO. STP-2911-00(001)  
 TIPPDAH COUNTY

FILE NAME: TS.DGN  
 DESIGN TEAM: GreshamSmithChecked

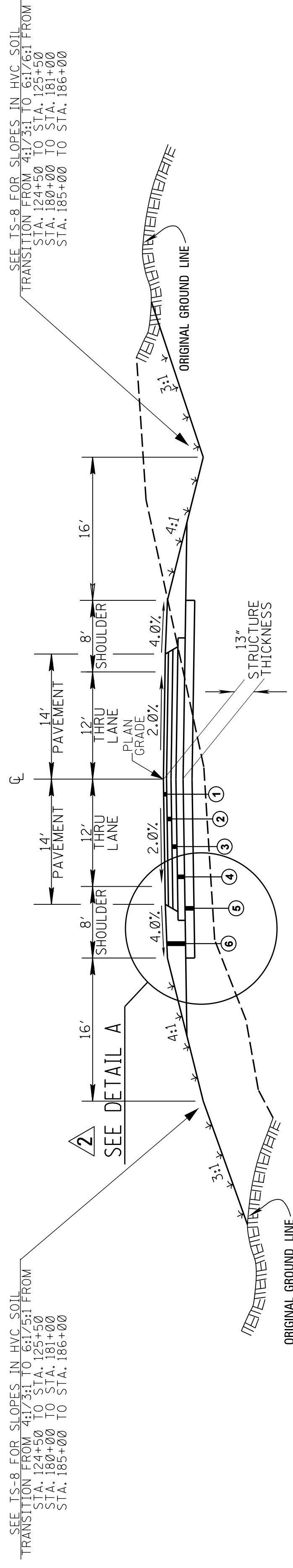
WORKING NUMBER  
 TS-4

SHEET NUMBER  
 10



# ADDENDUM

STATE PROJECT NO.  
MISS. STP-2911-00(001)



## TYPICAL SECTION - SR 2 NEW CONSTRUCTION

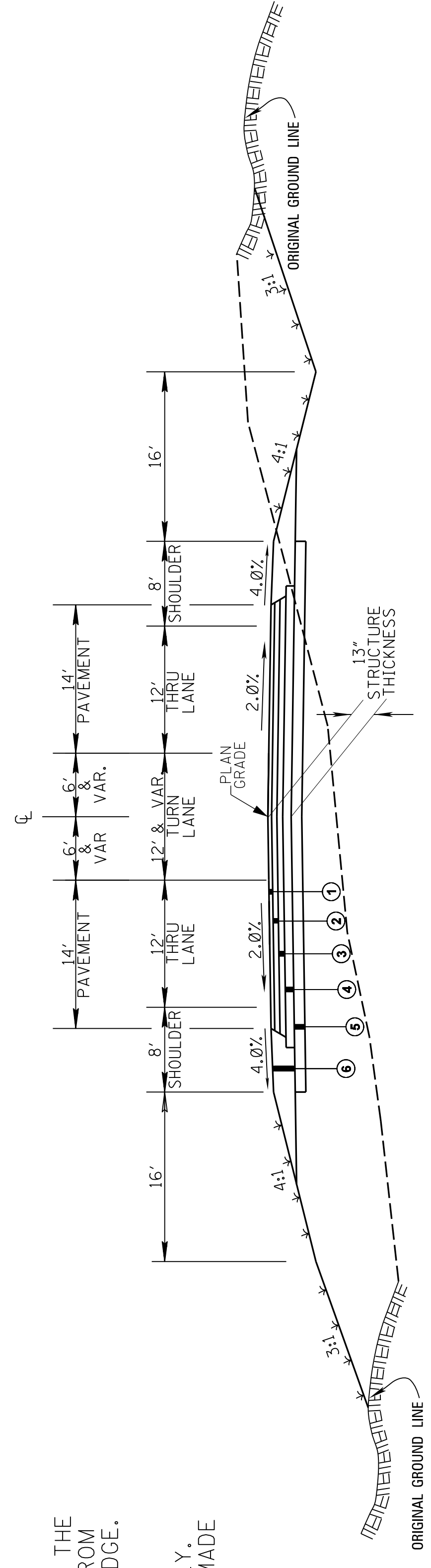
- STA. 113 + 75 TO STA. 114 + 62.75
- STA. 115 + 90.25 TO STA. 125 + 50
- STA. 148 + 00 TO STA. 154 + 56
- STA. 177 + 33 TO STA. 181 + 00
- STA. 63 + 25 TO STA. 67 + 75

- ① 1.50" ASPHALT, MT (9.5MM MIXTURE) (1 @ 1.50")
- ② 2.50" ASPHALT, MT (12.5 MM MIXTURE) (1 @ 2.50")
- ③ 3.00" ASPHALT, MT (19MM MIXTURE) (1 @ 3.00")
- ④ 6.00" CEMENT TREATED GRANULAR MATERIAL (CLASS 9, GROUP C)
- ⑤ 10.00" CHEMICALLY TREATED SUBGRADE \*
- ⑥ 13.00" & VAR. GRANULAR MATERIAL (CLASS 3, GROUP C)

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

\* PLAN WILL INCLUDE QUANTITIES FOR SOIL CEMENT TREATMENT 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.

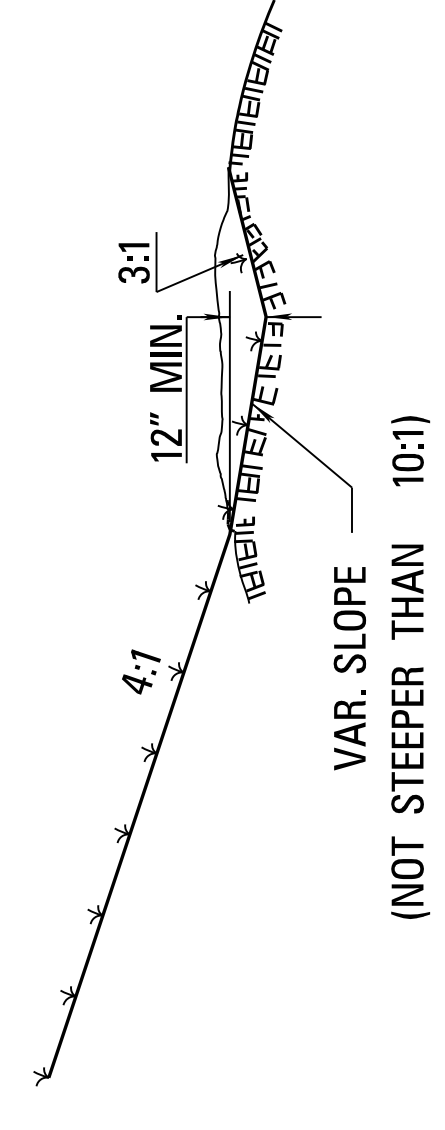
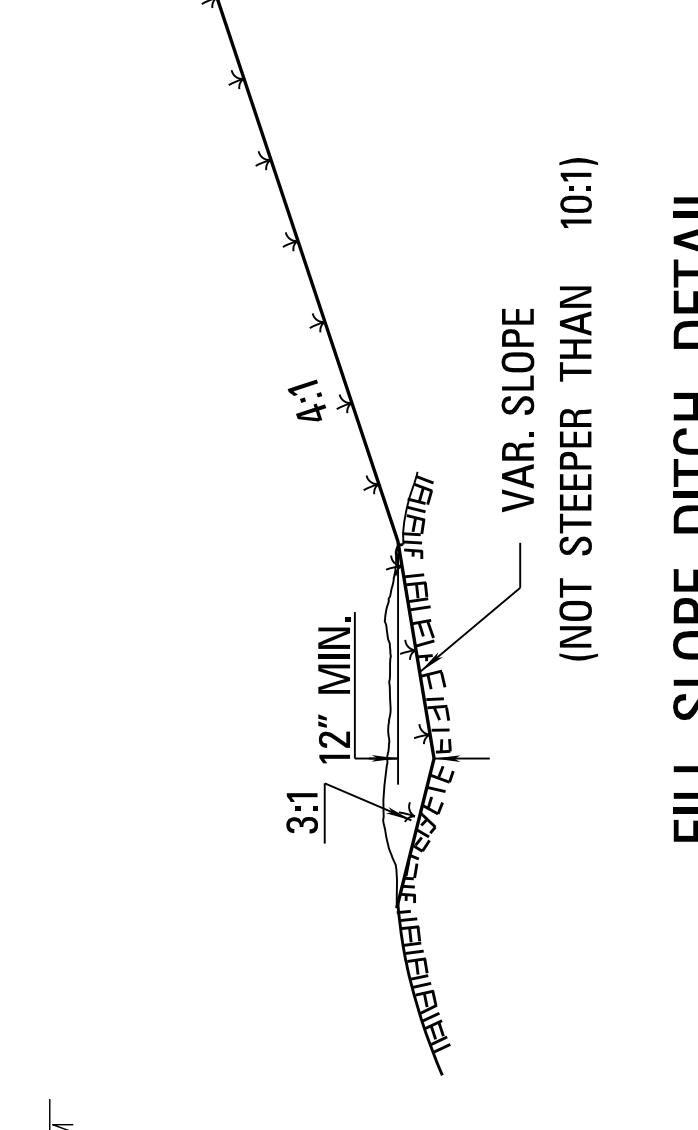
NOTE: THIS BREAKDOWN OF CHEMICAL TREATMENT IS FOR THE PURPOSE OF PLAN QUANTITY ESTIMATION ONLY. THE SELECTION OF ACTUAL TREATMENT WILL BE MADE DURING CONSTRUCTION.



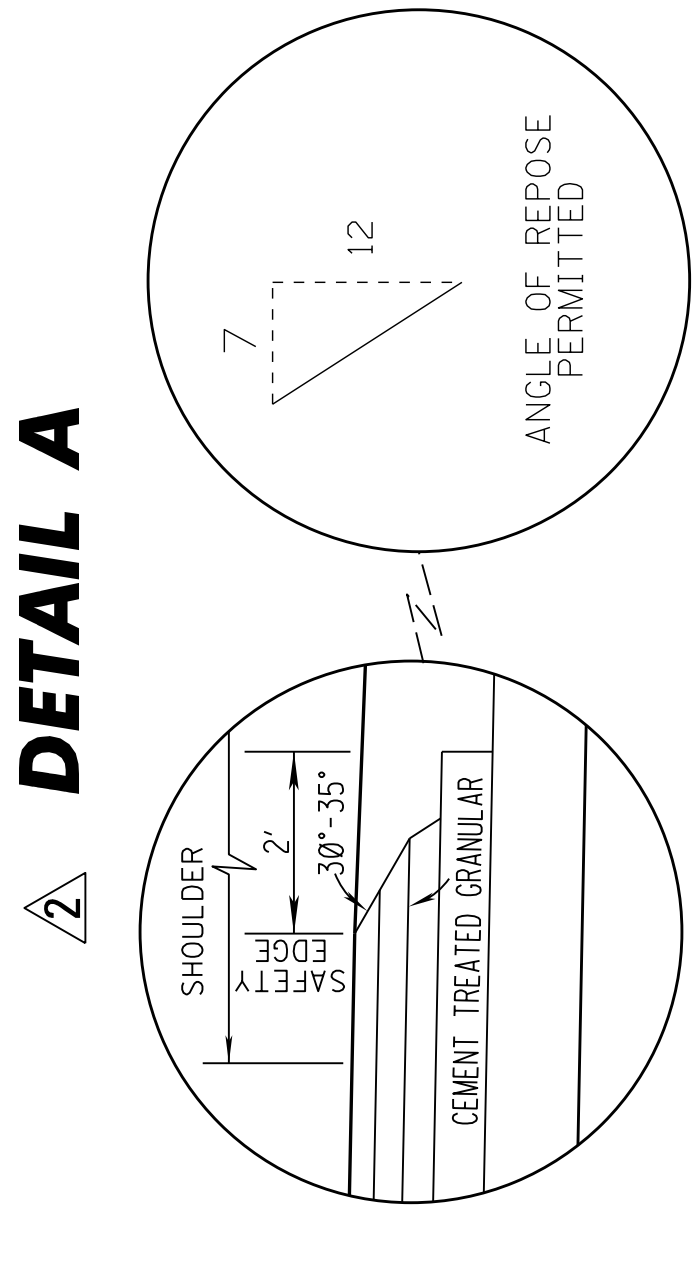
## TYPICAL SECTION - SR 2 NEW CONSTRUCTION

- STA. 111 + 70 TO STA. 113 + 75
- STA. 154 + 56 TO STA. 159 + 36
- STA. 160 + 82 TO STA. 165 + 14.18
- STA. 167 + 66.34 TO STA. 171 + 07
- STA. 172 + 53 TO STA. 177 + 33

SEE BRIDGE DETAIL ON TS-9 FOR STATION RANGES OF REQ'D BRIDGE.



## DETAIL A



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

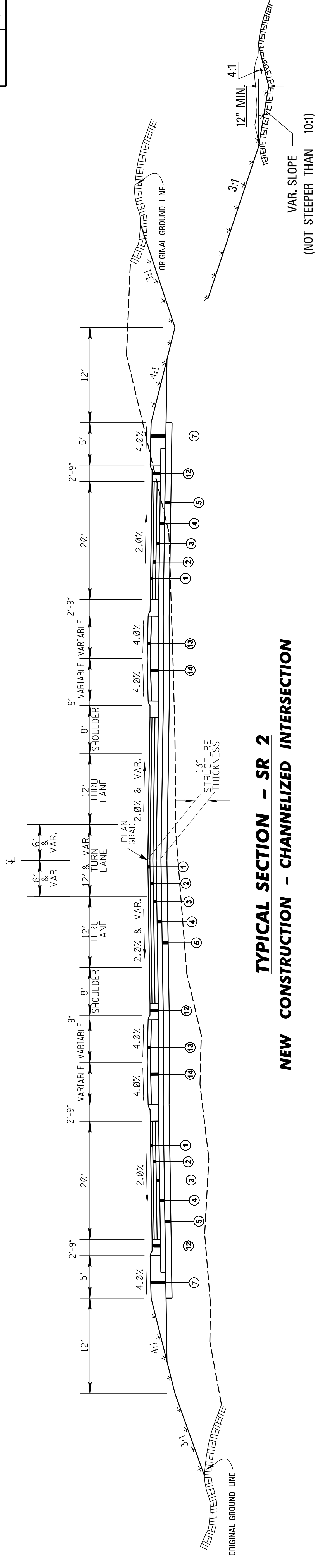
BY	REVISION
CSW	REVISED STATION LIMITS
CSW	REVISED DETAIL
4-11-24	REVISED DETAIL
2-02-24	REVISED STATION LIMITS
CSW	REVISION
DATE	DATE
FILENAME: TS.DGN	DESIGN TEAM: GreshamSmithChecked
WORKING NUMBER	TS-6
SHEET NUMBER	12

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
SR 2  
NEW CONSTRUCTION  
PROJ. NO. STP-2911-00(001)  
TIPPAH COUNTY  
FILENAME: TS.DGN  
DESIGN TEAM: GreshamSmithChecked  
DATE





STATE	PROJECT NO.
MISS.	STP-2911-00(001)



**TYPICAL SECTION - SR 2  
NEW CONSTRUCTION - CHANNELIZED INTERSECTION**

- STA. 110 + 18 TO STA. 111 + 70**
- STA. 159 + 36 TO STA. 160 + 82**
- STA. 171 + 07 TO STA. 172 + 53**

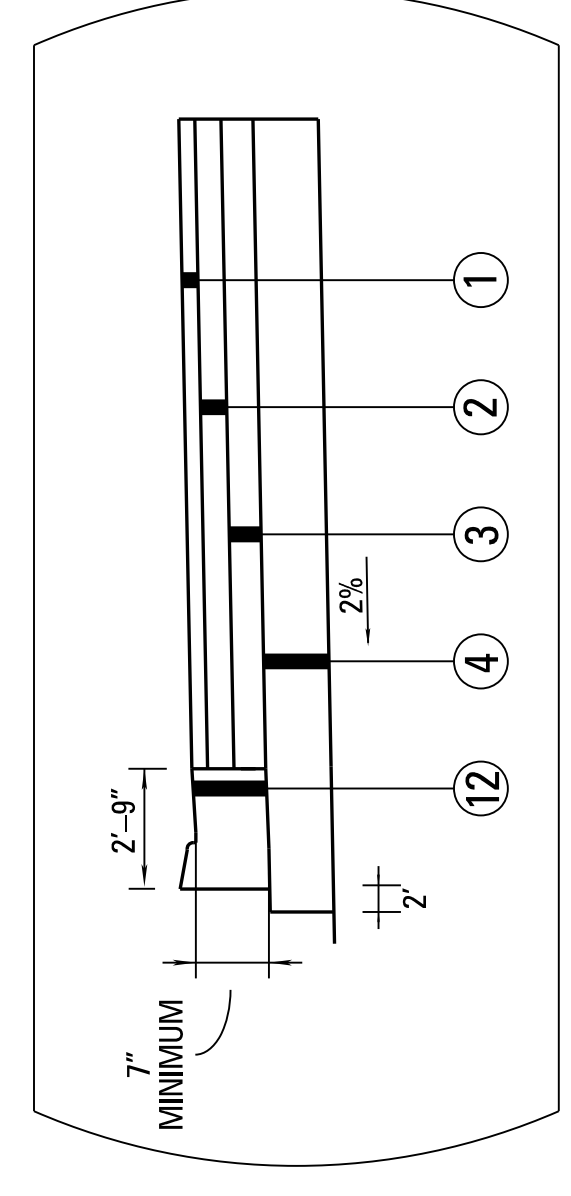
- ① 1.50" ASPHALT, MT (9.5MM MIXTURE) (1 @ 1.50")
- ② 2.50" ASPHALT, MT (12.5 MM MIXTURE) (1 @ 2.50")
- ③ 3.00" ASPHALT, MT (19MM MIXTURE) (1 @ 3.00")
- ④ 6.00" CEMENT TREATED GRANULAR MATERIAL (CLASS 9, GROUP C)
- ⑤ 10.00" CHEMICALLY TREATED SUBGRADE \*
- ⑥ 13.00" & VAR. GRANULAR MATERIAL (CLASS 3, GROUP C)
- ⑦ 17.00" & VAR. GRANULAR MATERIAL (CLASS 3, GROUP C)
- ⑨ 1.50" FINE MILLING
- ⑫ CURB & GUTTER TYPE 2 MODIFIED
- ⑬ 4" CONCRETE ISLAND PAVEMENT
- ⑭ 7.00" CRUSHED STONE

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

\* PLAN WILL INCLUDE QUANTITIES FOR SOIL CEMENT TREATMENT 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.

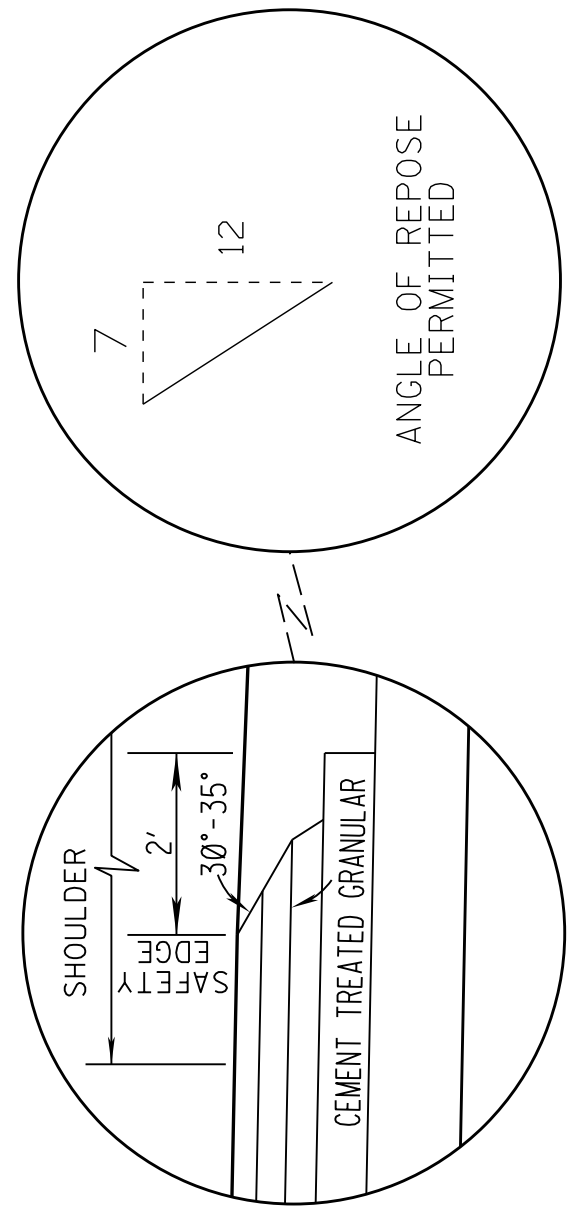
NOTE: THIS BREAKDOWN OF CHEMICAL TREATMENT IS FOR THE PURPOSE OF PLAN QUANTITY ESTIMATION ONLY. THE SELECTION OF ACTUAL TREATMENT WILL BE MADE DURING CONSTRUCTION.

**FILL SLOPE DITCH DETAIL**

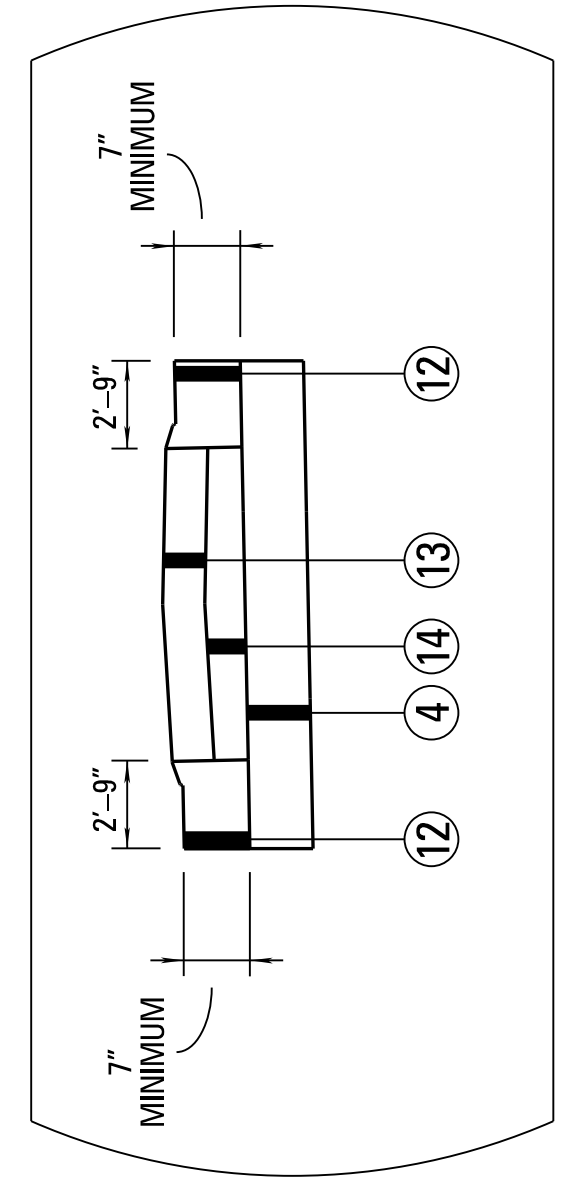


**DETAIL - SR 2  
TYPE 2 MODIFIED  
CURB & GUTTER**

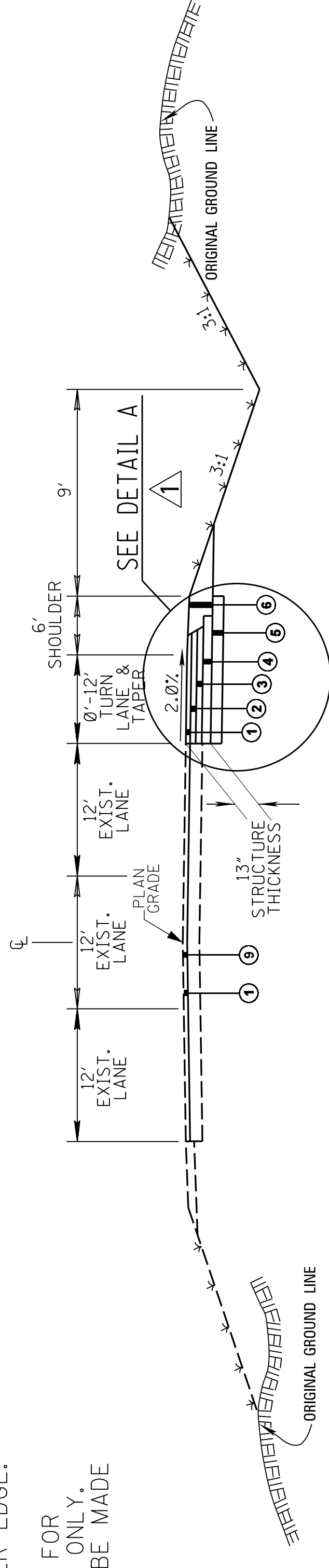
**DETAIL A**



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



**DETAIL  
CONCRETE ISLAND**



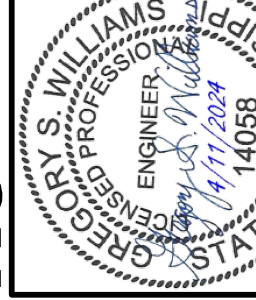
**TYPICAL SECTION - EXISTING SR 15  
WIDENING**

- STA. 358 + 50 TO STA. 367 + 85**

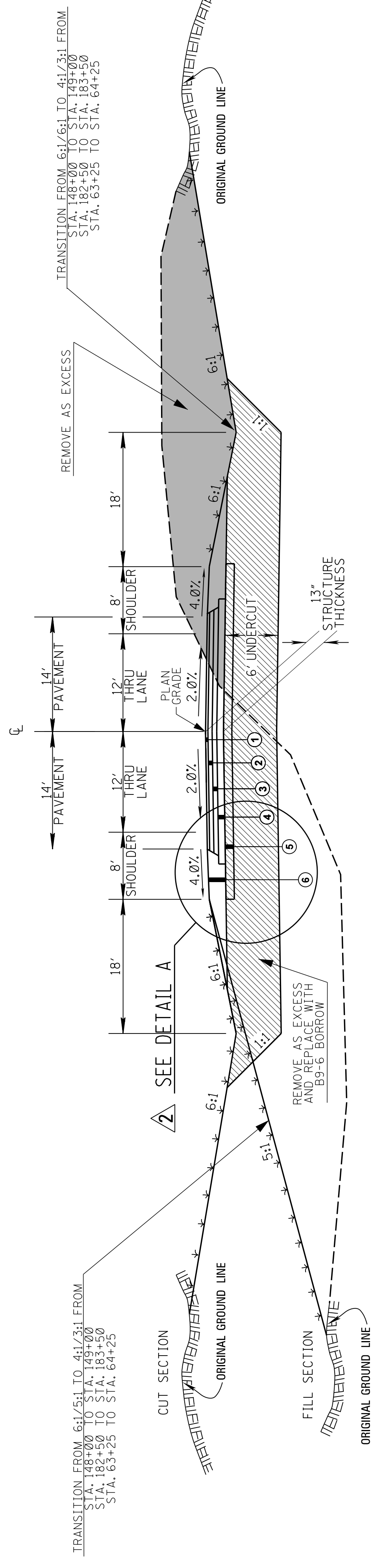
MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**TYPICAL SECTIONS**  
SR 2 CHANNELIZED INTERSECTION AND EXISTING SR 15  
PROJ. NO. STP-2911-00(001)  
TIPPAH COUNTY

BY	CSW
DATE	4-11-24
REVISION	REVISED DETAIL
WORKING NUMBER	TS-7
SHEET NUMBER	13

FILENAME: T.S.DGN  
DESIGN TEAM: GreshamSmithChecked



STATE	PROJECT NO.
MISS.	STP-2911-00(001)



**TYPICAL SECTION - SR 2**

**NEW CONSTRUCTION  
HIGH VOLUME CHANGE SOIL (6' UNDERCUT)**

**STA. 125+50 TO STA. 143+50  
STA. 145+50 TO STA. 148+00  
STA. 181+00 TO STA. 63+25**

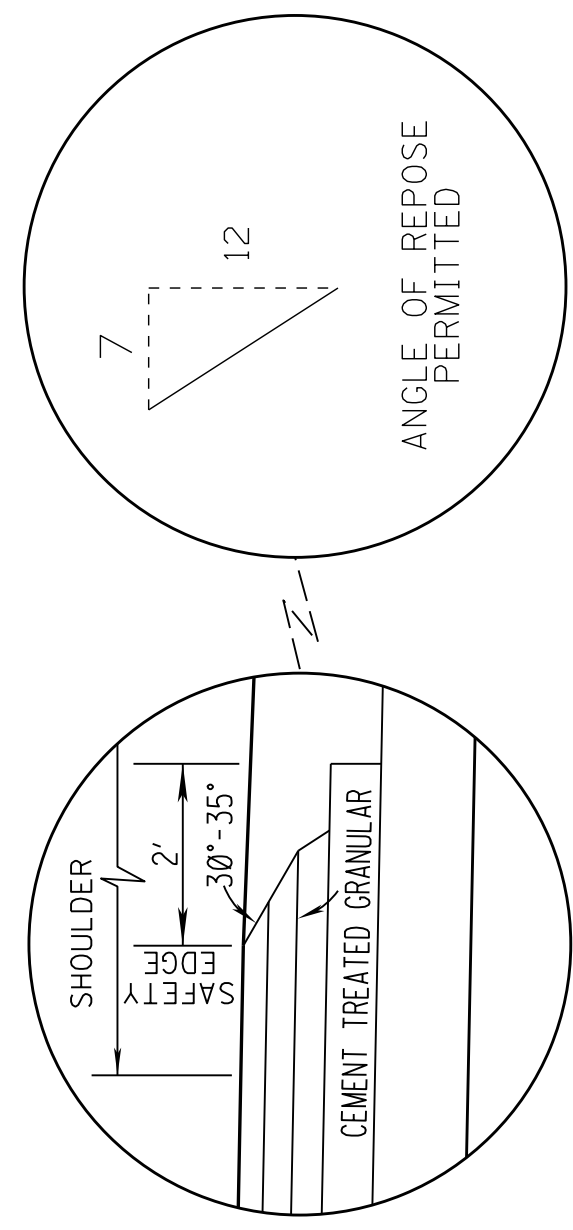
- 1 1.50" ASPHALT, MT (9.5MM MIXTURE) (1 @ 1.50")
- 2 2.50" ASPHALT, MT (12.5 MM MIXTURE) (1 @ 2.50")
- 3 3.00" ASPHALT, MT (19MM MIXTURE) (1 @ 3.00")
- 4 6.00" CEMENT TREATED GRANULAR MATERIAL (CLASS 9, GROUP C)
- 5 10.00" CHEMICALLY TREATED SUBGRADE\*
- 6 13.00" & VAR. GRANULAR MATERIAL (CLASS 3, GROUP C)

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

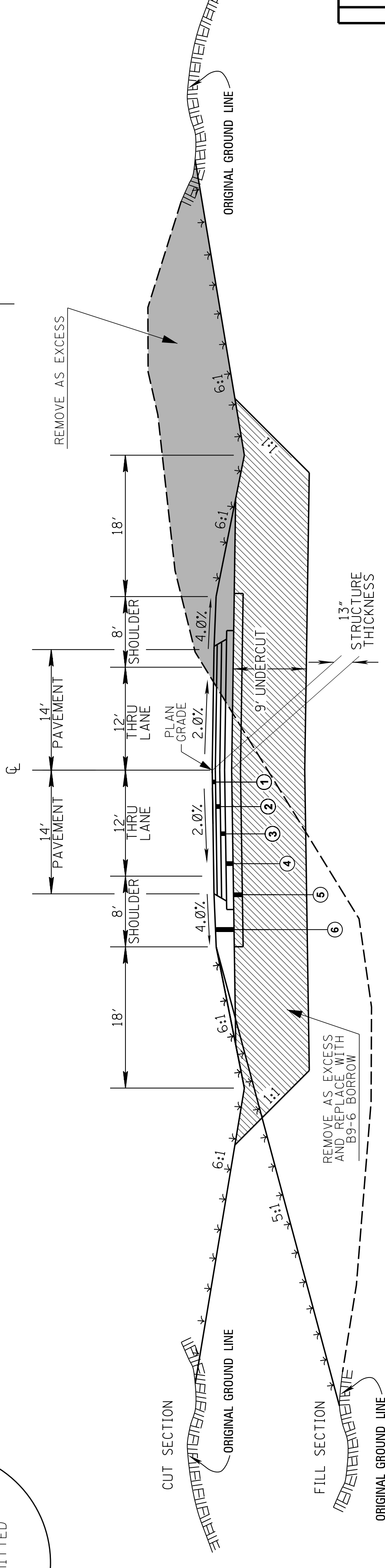
\* PLAN WILL INCLUDE QUANTITIES FOR SOIL CEMENT TREATMENT OF 50% OF THE SUBGRADE AND LIME TREATMENT (6% LIME) OF THE REMAINING 50% OF THE SUBGRADE. CHEMICAL TREATMENT SHALL EXTEND FROM OUTSIDE SHOULDER EDGE TO OUTSIDE SHOULDER EDGE.

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.

**DETAIL A**



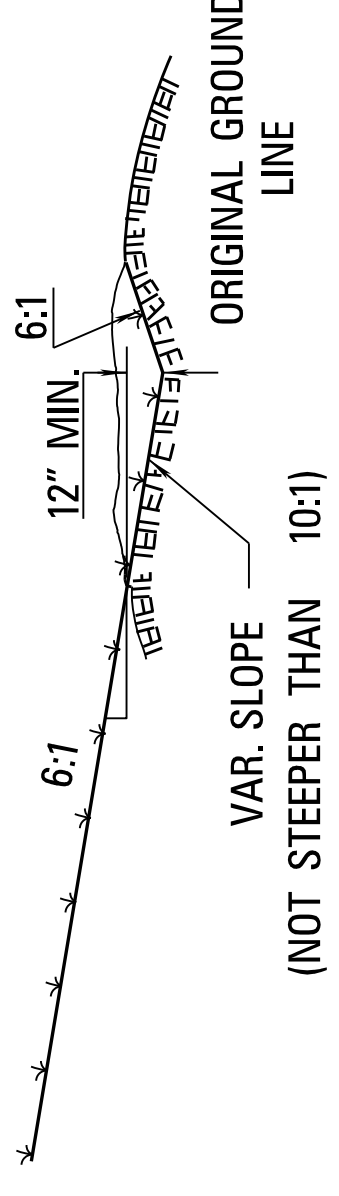
**SAFETY EDGE REQ'D.  
TOP 2 LIFTS ONLY  
(NOT A PAY ITEM)  
NEW CONSTRUCTION**



**TYPICAL SECTION - SR 2**

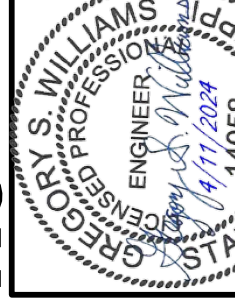
**NEW CONSTRUCTION  
HIGH VOLUME CHANGE SOIL (9' UNDERCUT)**

**STA. 143+50 TO STA. 145+50**



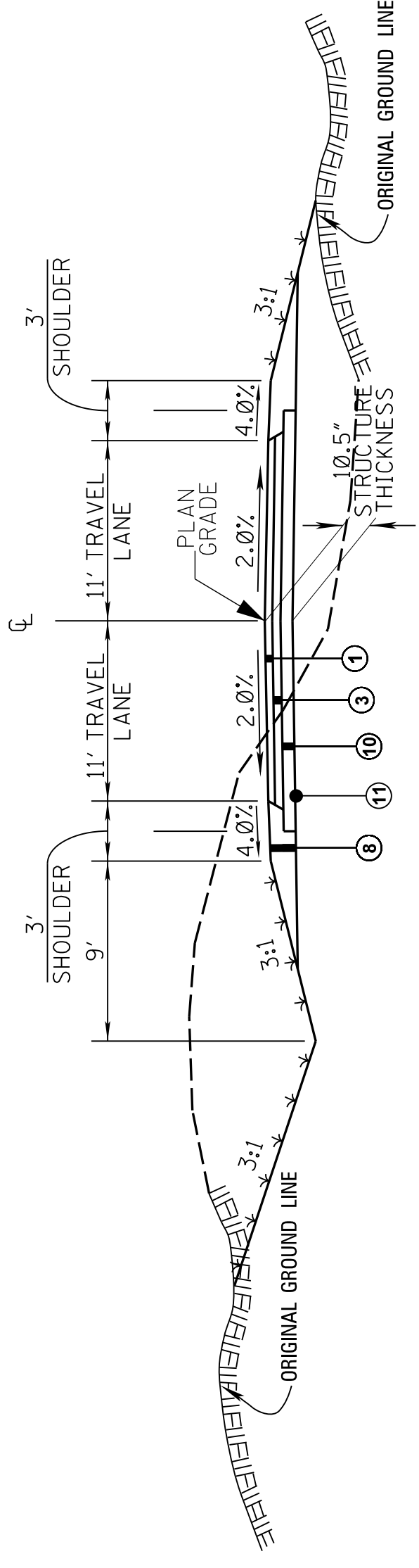
**FILL SLOPE DITCH DETAIL**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TYPICAL SECTIONS</b>	
SR 2	
NEW CONSTRUCTION WITH UNDERCUT	
PROJ. NO. STP-2911-00(001) TIPPAH COUNTY	
WORKING NUMBER	TS-8
SHEET NUMBER	14
FILE NAME: TS.DGN	DATE
DESIGN TEAM: GreshamSmith	CHECKED



BY	REVISION
CSW	REVISED STATION LIMITS
CSW	REVISED DETAIL
4-11-24	DATE
2-02-24	DATE

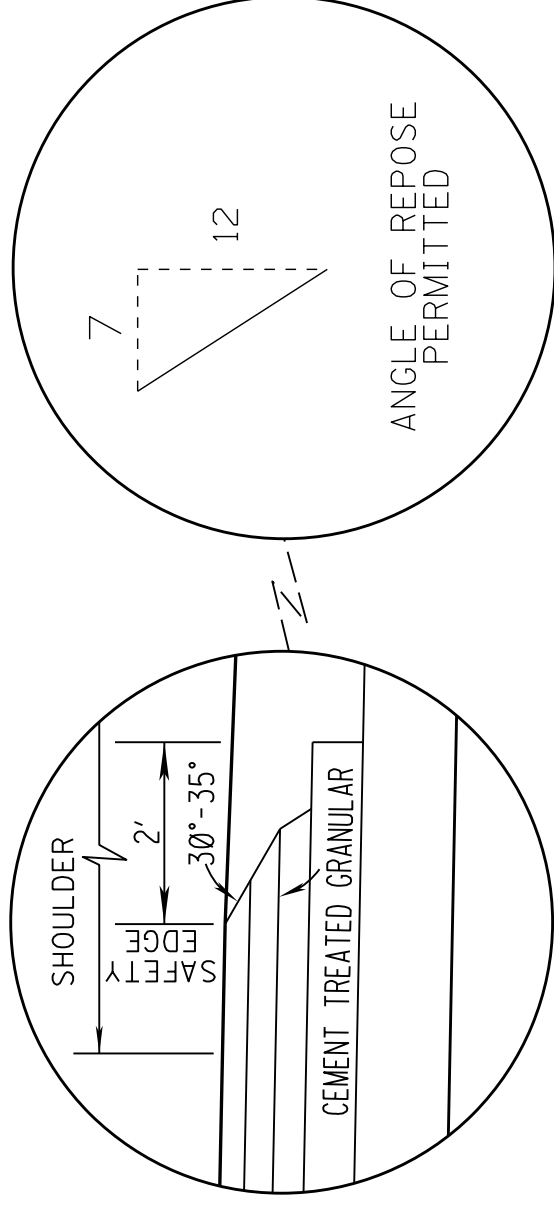
STATE	PROJECT NO.
MISS.	STP-2911-00(001)



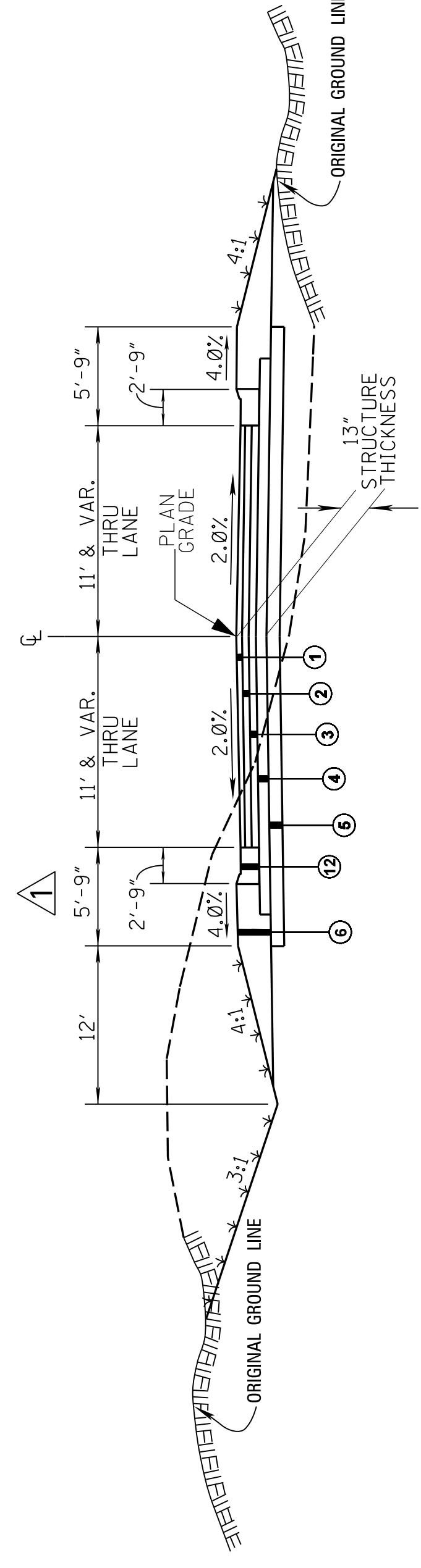
**TYPICAL SECTION - CR 708**  
**NEW CONSTRUCTION**

**STA. 10+53 TO STA. 15+50**

**DETAIL A**



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



**TYPICAL SECTION - CR 708**

**NEW CONSTRUCTION**  
**(WITHIN INTERSECTION CURB & GUTTER LIMITS)**

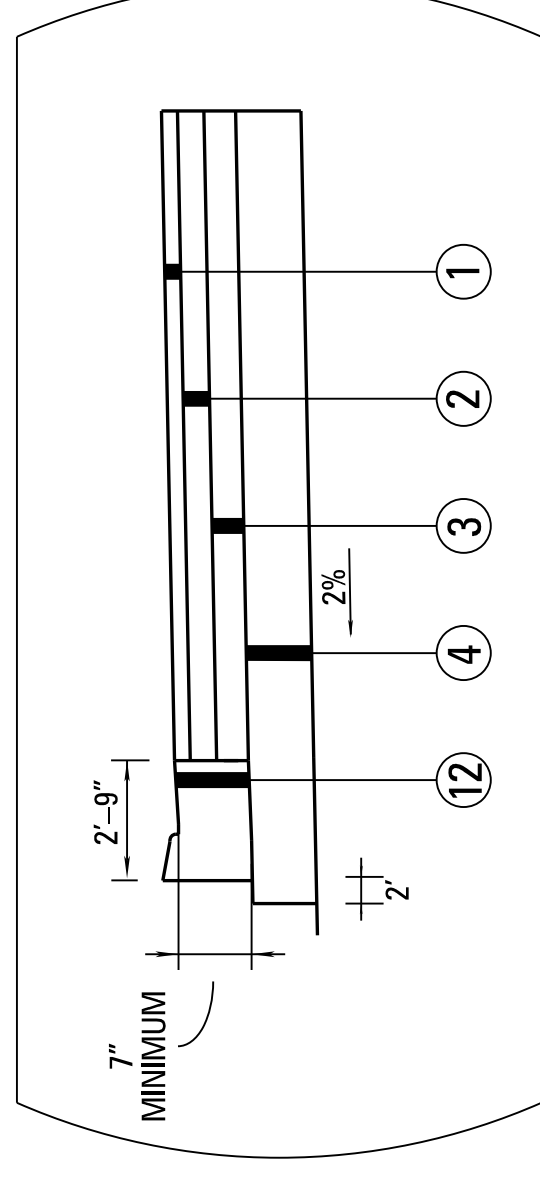
**STA. 10+20 TO STA. 10+53**

- ① 1.50" ASPHALT, MT (9.5MM MIXTURE) (1 @ 1.50")
- ② 2.50" ASPHALT, MT (12.5 MM MIXTURE) (1 @ 2.50")
- ③ 3.00" ASPHALT, MT (19MM MIXTURE) (1 @ 3.00")
- ④ 6.00" CEMENT TREATED GRANULAR MATERIAL (CLASS 9, GROUP C)
- ⑤ 10.00" CHEMICALLY TREATED SUBGRADE \*
- ⑥ 13.00" & VAR. GRANULAR MATERIAL (CLASS 3, GROUP C)
- ⑧ 10.50" & VAR. GRANULAR MATERIAL (CLASS 3, GROUP C)
- ⑩ 6.00" CRUSHED STONE
- ⑪ GEOTEXTILE MATERIAL TYPE V (NON-WOVEN)
- ⑫ CURB & GUTTER TYPE 2 MODIFIED

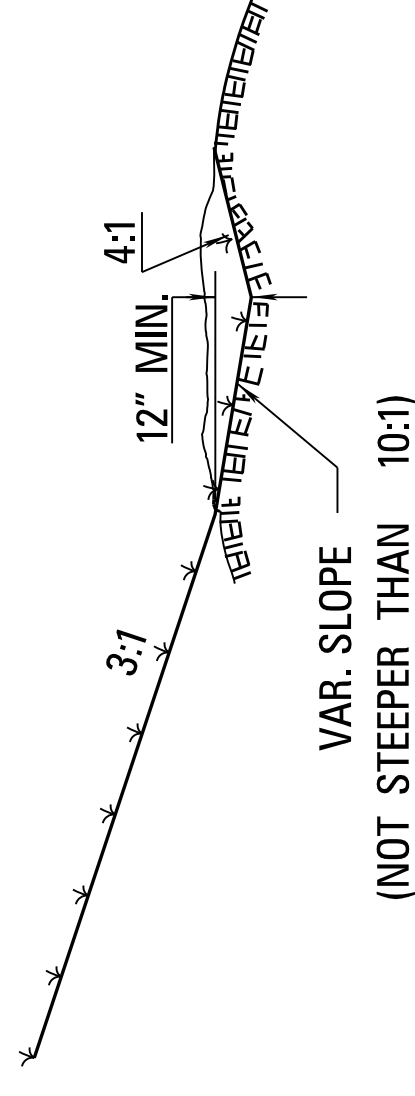
INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE VS-1

\* PLAN WILL INCLUDE QUANTITIES FOR SOIL CEMENT TREATMENT 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.

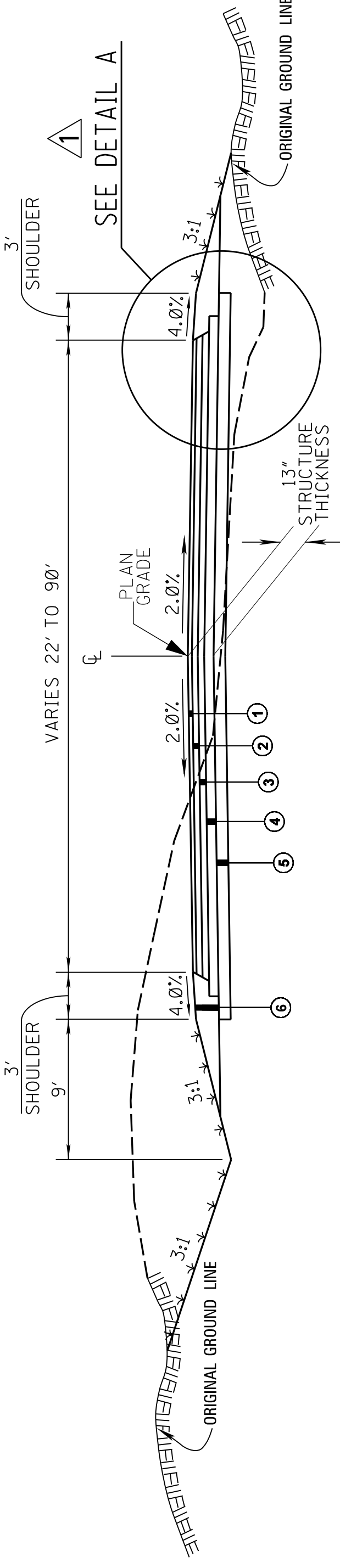
NOTE: THIS BREAKDOWN OF CHEMICAL TREATMENT IS FOR THE PURPOSE OF PLAN QUANTITY ESTIMATION ONLY. THE SELECTION OF ACTUAL TREATMENT WILL BE MADE DURING CONSTRUCTION.



**DETAIL - CR 708**  
**TYPE 2 MODIFIED**  
**CURB & GUTTER**



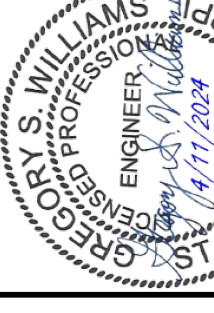
**FILL SLOPE DITCH DETAIL**



**TYPICAL SECTION - EXISTING SR 368 AT SW RAMP**  
**NEW CONSTRUCTION - CUL-DE-SAC**

**STA. 30+00 TO STA. 31+45**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>TYPICAL SECTIONS</b>	
CR 708 AND SR 368 CUL-DE-SAC	
PROJ. NO. STP-2911-00(001) TIPPAH COUNTY	
DATE	4-11-24
BY	CSW
REVISION	REVISD DETAIL
DESIGN TEAM	GreshamSmithChecked
FILENAME:	TS.DGN
WORKING NUMBER	TS-10
SHEET NUMBER	16



**ADDENDUM**

STATE	PROJECT NO.
MISS	STP-2911-00(001)

**SUMMARY OF QUANTITIES (SHEET 1)**

PAY ITEM NO.	PAY ITEM	UNIT	TIPPAH : 105890-301000	
			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	33	
202-B007	Removal of Asphalt Pavement, All Depths	SY	9,985	
202-B052	Removal of Concrete Driveways, All Depths	SY	771	
202-B191	Removal of Pipe, 8" And Above	LF	300	
	EARTHWORK ITEMS			
203-A001	Unclassified Excavation, FM, AH	CY	1,437,821	
203-EX021	Borrow Excavation, AH, FME, Class B9-6	CY	128,715	
203-G001	Excess Excavation, FM, AH	CY	1,292,225	
907-204-A001	Geogrid, Type I	SY	356	
206-A001	Structure Excavation	CY	3,767	
206-B001	Select Material for Undercuts, Contractor Furnished, FM	CY	697	
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	28,595	
	ROADSIDE DEVELOPMENT ITEMS			
213-C001	Superphosphate	TON	86	
216-A001	Solid Sodding	SY	8,401	
217-A001	Ditch Liner	SY	1,550	
219-A001	Watering	KGAL	168	
220-A001	Insect Pest Control	ACRE	85	
221-A001	Concrete Paved Ditch	CY	1,724	
223-A001	Mowing	ACRE	346	
225-A001	Grassing	ACRE	173	
225-B001	Agricultural Limestone	TON	87	
225-C001	Mulch, Vegetative Mulch	TON	346	
226-A001	Temporary Grassing	ACRE	346	
907-234-A001	Temporary Silt Fence	LF	1,660	
907-234-C001	Super Silt Fence	LF	400	
907-234-D001	Inlet Siltation Guard	EA	3	
235-A001	Temporary Erosion Checks	EA	400	
237-A002	Wattles, 20"	LF	1,660	
245-A001	Silt Dike	LF	1,600	
246-A002	Sandbags	EA	114	
246-B001	Rockbags	EA	114	
249-A001	Riprap for Erosion Control	TON	1,494	
249-B001	Remove and Reset Riprap	CY	553	
	BASE ITEMS			
304-C001	Granular Material, AEA, Class 3, Group C	CY	10,400	
304-C009	Granular Material, AEA, Class 9, Group C	CY	6,700	

- ① FOR TEMPORARY EASEMENTS
- ② INCLUDES 128 CY FOR CATTLE CROSSING AND 3639 CY FOR DRAINAGE STRUCTURES
- ③ 1722 CY FOR PAVED DITCHES, PAVED FLUMES, AND MEDIAN INLET APRONS. 2 CY FOR EDGE DRAIN OUTLETS AT BRIDGE ENDS.
- ④ TO BE USED AT CATTLE CROSSING - STATION 122+00.
- ⑤ INCLUDES 595 CY FOR MINOR STRUCTURES AND 105 CY FOR BOX CULVERTS



**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**  
**SUMMARY OF QUANTITIES**

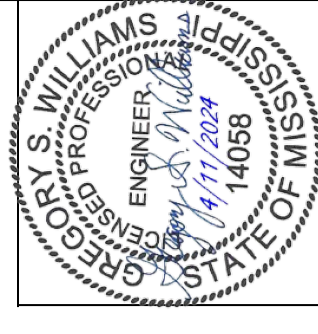
ADJUSTED UNDERCUT LIMITS AND EARTHWORK QUANTITIES	02/19/2024	MJ	REVISD PAY ITEMS AND QUANTITIES.
REVISED PAY ITEMS & QUANTITIES	04/10/2024	GW	REVISION

PROJ NO: STP-2911-00(001)  
 COUNTY: TIPPAH

Working Number **SQ-1**

Design Team Gresham-Smith Checked Date 4/11/24

FILENAME: SQS Sheet Number **19**



**ADDENDUM**

STATE	PROJECT NO.
MISS	STP-2911-00(001)

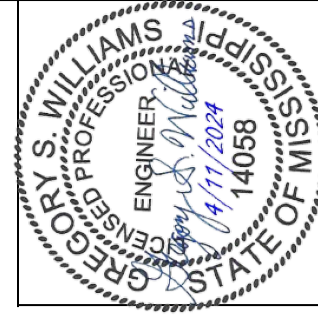
**SUMMARY OF QUANTITIES (SHEET 2)**

PAY ITEM NO.	PAY ITEM	UNIT	TIPPAH : 105890-301000	
			Prelim	Final
304-F001	3/4" and Down Crushed Stone Base	TON	2,800	
	OR			
304-F002	Size 610 Crushed Stone Base	TON	2,800	
	OR			
304-F003	Size 825B Crushed Stone Base	TON	2,800	
	SUBGRADE TREATMENT			
307-B001	10" Soil-Lime-Water Mixing, Class B	SY	23,322	
307-D001	Lime	TON	599	
307-S001	Bituminous Curing Seal	GAL	5,831	
308-A001	Cement	TON	399	
308-B002	Soil-Cement-Water Mixing, Optional Mixers, Base	SY	23,322	
308-S001	Bituminous Curing Seal	GAL	5,831	
	GRANULAR MATERIAL TREATMENT			
308-A001	Cement	TON	462	
308-B003	Soil-Cement-Water Mixing, Optional Mixers, Design Soil	SY	40,097	
308-S001	Bituminous Curing Seal	GAL	10,260	
	RIGID PAVEMENT ITEMS			
403-A002	12.5-mm, MT, Asphalt Pavement	TON	4,496	
403-A005	19-mm, MT, Asphalt Pavement	TON	6,842	
403-A014	9.5-mm, MT, Asphalt Pavement	TON	3,757	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	3,740	
907-413-E001	Sawing and Sealing Transverse Joints in Asphalt Pavement	LF	184	
423-A001	Rumble Strips, Ground In	MI	4	
501-K001	Transverse Grooving	SY	62	
502-A001	Reinforced Cement Concrete Bridge End Pavement	SY	443	
	DRAINAGE ITEMS			
601-A001	Class "B" Structural Concrete	CY	101	
601-B001	Class "B" Structural Concrete, Minor Structures	CY	37	
602-A001	Reinforcing Steel	LBS	18,351	
603-ALT003	18" Type A Alternate Pipe	LF	296	
603-ALT005	22" x 13" Type A Alternate Pipe	LF	72	
603-ALT006	24" Type A Alternate Pipe	LF	424	
603-CA011	18" Reinforced Concrete Pipe, Class III	LF	40	
603-CA026	24" Reinforced Concrete Pipe, Class III	LF	2,208	
603-CA055	36" Reinforced Concrete Pipe, Class III	LF	936	
603-CA087	54" Reinforced Concrete Pipe, Class III	LF	584	
603-CB003	18" Reinforced Concrete End Section	EA	2	
603-CB004	24" Reinforced Concrete End Section	EA	21	
603-CB006	36" Reinforced Concrete End Section	EA	8	
603-CB009	54" Reinforced Concrete End Section	EA	2	

- ① QUANTITY INCLUDES 20% SHRINKAGE FACTOR.
- ② TYPE A: INCLUDES 9 CY UNDER BRIDGE END PAVEMENT AND 78 CY FOR UNDERDRAIN ADJACENT TO RETAINING WALLS. TYPE B OR C: INCLUDES 82 CY UNDER BRIDGE END PAVEMENT AND 99 CY FOR UNDERDRAIN ADJACENT TO RETAINING WALLS.
- ③ FOR TREATMENT OF GRANULAR MATERIAL.
- ④ FOR TREATMENT OF SUBGRADE.
- ⑤ INCLUDES 46 TONS FOR DRIVEWAY PAVED APRONS.
- ⑥ INCLUDES 37 CY FOR DRAINAGE STRUCTURES.
- ⑦ INCLUDES 940 TONS FOR DRIVEWAYS
- ⑧ INCLUDES 1811 LBS. FOR MINOR STRUCTURES AND 16,540 LBS. FOR BOX CULVERTS

M3	REVISED PAY ITEMS AND QUANTITIES.	02/19/2024
GW	REVISED PAY ITEMS & QUANTITIES	04/10/2024
BY	Revision	

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES**



PROJ NO: STP-2911-00(001)  
COUNTY: TIPPAH

Working Number	SQ-2
Design Team	Gresham-Smith
Checked	
Date	4/11/24
Sheet Number	20

FILENAME: SQS

**ADDENDUM**


STATE	PROJECT NO.
MISS	STP-2911-00(001)

**SUMMARY OF QUANTITIES (SHEET 3)**

PAY ITEM NO.	PAY ITEM	UNIT	TIPPAH : 105890-301000	
			Prelim	Final
603-CE008	29" x 18" Concrete Arch Pipe, Class A III	LF	1,056	
603-CE013	36" x 23" Concrete Arch Pipe, Class A III	LF	256	
603-CE023	51" x 31" Concrete Arch Pipe, Class A III	LF	608	
603-CF003	29" x 18" Concrete Arch Pipe End Section	EA	8	
603-CF004	36" x 23" Concrete Arch Pipe End Section	EA	4	
603-CF006	51" x 31" Concrete Arch Pipe End Section	EA	2	
604-B001	Gratings	LBS	2,250	3
	UNDERDRAIN ITEMS			
605-AA002	Geotextile for Subsurface Drainage, Type V	SY	1,772	2 3
605-O002	4" Perforated Sewer Pipe for Underdrains, SDR 23.5	LF	201	
605-O004	6" Perforated Sewer Pipe for Underdrains, SDR 23.5	LF	1,000	3
605-P002	4" Non-perforated Sewer Pipe for Underdrains, SDR 23.5	LF	37	
605-P004	6" Non-perforated Sewer Pipe for Underdrains, SDR 23.5	LF	100	3
605-W001	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM	CY	151	1 3
605-W002	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM	CY	251	1 3
	OR			
605-W003	Filter Material for Combination Storm Drain and/or Underdrains, Type C, FM	CY	251	3
	GUARD RAIL ITEMS			
606-B001	Guard Rail, Class A, Type 1	LF	250	3
606-D022	Guard Rail, Bridge End Section, Type I	EA	8	
606-E005	Guard Rail, Terminal End Section, Flared	EA	8	
	INCIDENTAL CONSTRUCTION ITEMS			
609-D004	Combination Concrete Curb and Gutter Type 2 Modified	LF	2,694	3
614-A001	Concrete Driveway, Without Reinforcement	SY	111	3
615-A024	Concrete Bridge End Barrier, 37.5"	LF	80	3
616-A001	Concrete Median and/or Island Pavement, 10-inch	SY	86	3
616-A004	Concrete Median and/or Island Pavement, 4-inch	SY	592	3
617-A001	Right-of-Way Marker	EA	59	3
	TRAFFIC CONTROL ITEMS			
618-A001	Maintenance of Traffic	LS	1	
619-A1002	Temporary Traffic Stripe, Continuous White	LF	5,117	
619-A2002	Temporary Traffic Stripe, Continuous Yellow	LF	5,208	
619-A4001	Temporary Traffic Stripe, Skip Yellow	LF	1,350	
619-A5001	Temporary Traffic Stripe, Detail	LF	138	
619-A6001	Temporary Traffic Stripe, Legend	SF	99	
619-A6002	Temporary Traffic Stripe, Legend	LF	136	
619-C7001	Two-Way Yellow Reflective High Performance Raised Marker	EA	44	
619-D3001	Remove and Reset Signs, All Sizes	EA	15	
619-G4005	Barricades, Type III, Single Faced	LF	168	
619-G5001	Free Standing Plastic Drums	EA	52	

- ① TYPE A: INCLUDES 9 CY UNDER BRIDGE END PAVEMENT AND 78 CY FOR UNDERDRAIN ADJACENT TO RETAINING WALLS. TYPE B OR C: INCLUDES 82 CY UNDER BRIDGE END PAVEMENT AND 99 CY FOR UNDERDRAIN ADJACENT TO RETAINING WALLS.
- ② INCLUDES 132 SY UNDER BRIDGE END PAVEMENT AND 880 SY FOR UNDERDRAIN ADJACENT TO RETAINING WALLS.
- ③ AS DIRECTED BY THE PROJECT ENGINEER FOR UNDERDRAIN LOCATIONS



REVISIONS	DATE	BY
		
<b>MISSISSIPPI DEPARTMENT OF TRANSPORTATION</b> <b>SUMMARY OF QUANTITIES</b>		
PROJ NO: STP-2911-00(001) COUNTY: TIPPAH		
Working Number	SQ-3	
Design Team	Gresham-Smith	Checked
Filename:	SQS	Sheet Number
Date	4/11/24	21

**ADDENDUM**

STATE	PROJECT NO.
MISS	STP-2911-00(001)

**SUMMARY OF QUANTITIES (SHEET 4)**

PAY ITEM NO.	PAY ITEM	UNIT	TIPPAH : 105890-301000	
			Prelim	Final
619-G7001	Warning Lights, Type "B"	EA	2	
620-A001	Mobilization	LS	1	
	ALTERNATE PAVEMENT MARKING ITEMS			
907-624-B002	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous White	LF	903	
907-624-D002	6" Inverted Profile Thermoplastic Traffic Stripe, Continuous Yellow	LF	905	
	OR			
628-H001	6" High Performance Cold Plastic Traffic Stripe, Continuous White	LF	903	
628-J001	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow	LF	905	
	PAVEMENT MARKING ITEMS			
626-C003	6" Thermoplastic Edge Stripe, Continuous White	LF	17,714	
626-D004	6" Thermoplastic Traffic Stripe, Skip Yellow	LF	1,192	
626-E003	6" Thermoplastic Traffic Stripe, Continuous Yellow	LF	17,529	
626-F004	6" Thermoplastic Edge Stripe, Continuous Yellow	LF	647	
626-G002	Thermoplastic Detail Stripe, White	LF	10,641	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	11,210	
626-H004	Thermoplastic Legend, White	SF	987	
626-H005	Thermoplastic Legend, White	LF	303	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	55	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	71	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	820	
	ROADSIDE SIGNS AND DELINEATORS			
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF	250	
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	187	
630-C001	Square Tube Posts, 4.0 lb/ft	LF	146	
630-C002	Steel U-Section Posts, 2.0 lb/ft	LF	88	
630-C005	Square Tube Posts, 2.0 lb/ft	LF	399	
630-F006	Delineators, Guard Rail, White	EA	44	
630-G005	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted	EA	8	
	MISCELLANEOUS ITEMS			
699-A001	Roadway Construction Stakes	LS	1	
815-A007	Loose Riprap, Size 300	TON	36,681	
815-E001	Geotextile under Riprap	SY	45,895	
815-F002	Sediment Control Stone	TON	375	
907-899-A001	Railway-Highway Provisions	LS	1	

①

③

① REQUIRED FOR ROADSIDE SIGN ROUTE ASSEMBLIES PER STANDARD SN-4A



REVISED PAY ITEMS & QUANTITIES	Revision
9/10/2024	by

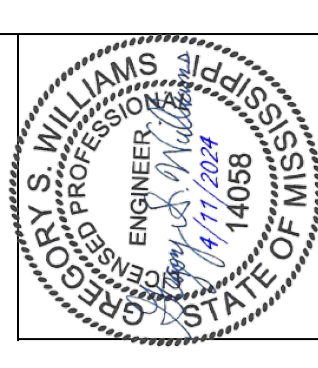
**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**  
**SUMMARY OF QUANTITIES**

PROJ NO: STP-2911-00(001)  
 COUNTY: TIPPAH

Working Number  
**SQ-4**

Design Team Gresham-Smith Checked  
 FILENAME: SQS  
 Sheet Number  
**22**

Date 4/11/24









**ADDENDUM**

FMS CON: 105890 / 301000  
 STATE PROJECT NO.  
 MISS. STP-2911-00(001)

**COMBINATION CONCRETE CURB AND GUTTER REQUIRED**

WK. NO.	STATION TO STATION	TYPE 3A MODIFIED	TYPE 2 MODIFIED	CONC. MEDIAN AND ISLAND PAV'T (4" THICK)	CONC. MEDIAN AND ISLAND PAV'T (10" THICK)	REMARKS
6A	349+78.76		884			
8	158+25.00		846	295	43	
8	158+25.00		840	297	43	
8A	10+00.00		124			
	UNITS	L.F.	L.F.	SQ. YD.	SQ. YD.	
	TOTALS	0	2694	592	86	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	ESTIMATED QUANTITIES	INCIDENTAL ITEMS	PROJ. NO.: STP-2911-00(001)	COUNTY: TIPPAH	WORKING NUMBER	EQ-7	SHEET NUMBER	29
DATE	4-11-24	FILE NAME	EQ.dgn	DESIGN TEAM	GRESHAM, SMITH	CHECKED	DATE	
BY	GSM	REVISION						



**ADDENDUM**

FMS CON: 105890 / 301000  
 STATE PROJECT NO.  
 MISS. STP-2911-00(001)

**DRIVEWAYS & SIDE DRAINS REQUIRED**

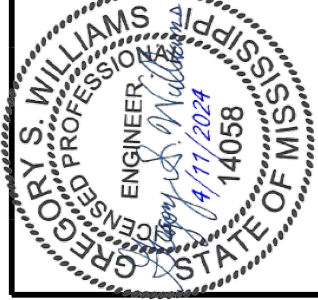
WK. NO.	STATION	WIDTH (FT.)	PAVED APRON AREA (SQ. YDS.)	GRANULAR OR CONCRETE AREA (SQ. YDS.)	ASPHALT 1.50", 9.5 mm	ASPHALT 2.50", 12.5 mm	CRUSHED STONE	CONCRETE (SQ. YDS.)	PIPE SIZES			REMARKS
									18" ALT.	24" ALT.	22" x 13" ALT.	
6A	359+80 RT	16	29	111	29	29		111	48			
6A	369+50 RT	16	19	45	19	19	45					
7	131+40 RT	16	54	195	54	54	195		128			
7	131+40 LT	16	41	171	41	41	171		128			
8	180+00 RT	16	18	1608	18	18	1608		64			
8	186+74 LT	16	19	160	19	19	160		32			
8	186+90 RT	16	17	150	17	17	150		40			
8	61+30 RT	16	18	169	18	18	169		32			
8A	15+20 RT	16	19	30	19	19	30	40				
8B	19+80 RT	16	16	75	16	16	75	32				TEMPORARY DRIVE
8B	21+14 RT	16	18	85	18	18	85	32				TEMPORARY DRIVE
9	63+85 LT	16	18	177	18	18	177					
9	66+75 LT	16	17	75	17	17	75		56			
9	67+36 RT	16	15	17	15	15	17					
8B	23+50 LT	16	19	130	19	19	130		32			72
8B	18+50											TEMPORARY PIPE
8B	24+50											TEMPORARY PIPE
<b>UNITS</b>												
<b>TOTALS (THIS COLUMN)</b>												
					SQ. YDS.	SQ. YDS.	SQ. YDS.	SQ. YDS.	L.F.	L.F.	L.F.	
					337	337	2864	111	296	424	72	
					TONS	TONS	TONS	TONS				
					28	46	940					

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**ESTIMATED QUANTITIES**  
**DRIVEWAYS & SIDE DRAINS**  
 PROJ. NO.: STP-2911-00(001)  
 COUNTY: TIPPAH

WORKING NUMBER **EQ-8**  
 SHEET NUMBER **30**

FILE NAME: EQ.dgn  
 DESIGN TEAM: GRESHAM, SMITH  
 CHECKED: \_\_\_\_\_ DATE: \_\_\_\_\_

4-11-24  
 REVISION REVISOR  
 GSW



**ADDENDUM**

FMS CON: 105890 / 301000  
 STATE PROJECT NO.  
 MISS. STP-2911-00(001)

**GUARDRAIL REQUIRED**

WK. NO.	STATION	STATE STD. (INSTALL)	GUARD RAIL LENGTHS				TERMINAL SECTION FLARED	BRIDGE END SECTION TYPE "I"	SINGLE DELINEATORS		REMARKS
			DIST. A	DIST. B	DIST. C	DIST. D			WHITE YELLOW		
									EACH	EACH	
6	114+41.20	GR-4A	105.6	62.5		1	1	7			
6	114+64.31	GR-4A			43.1	0.0	1	4			
6	115+88.70	GR-4A			43.1	0.0	1	4			
6	116+11.80	GR-4A	105.6	62.5		1	1	7			
8	164+99.14	GR-4A			43.1	0.0	1	4			
8	165+09.22	GR-4A	105.6	62.5		1	1	7			
8	167+71.30	GR-4A			43.1	0.0	1	4			
8	167+81.38	GR-4A	105.6	62.5		1	1	7			
UNITS			L. F.	L. F.		EACH	EACH	EACH	EACH		
TOTALS				250		0	8	44	0		

**BRIDGE END PAVEMENT REQUIRED**

WK. NO.	BRIDGE ABUT. STATION	W <sub>1</sub>	W <sub>2</sub>	WB	W	A	B	ANGLE "Z"	PAV'MT	37.5" RAIL	TRANSVERSE GROOVING	TYPE "A" FILTER MATERIAL	Type "B" OR "C" FILTER MATERIAL	4" PERFORATED DRAIN PIPE	4" NON-PERFORATED DRAIN PIPE	GEOTEXTILE TYPE III FABRIC	EDGE DRAIN OULET, CONCRETE PAVED DITCH	REMARKS
4	165+14.18	26.00	26.00	52.00	54.83	14.67	25.33	11.00	118.70	20	17.33	2.49	23.11	9.20	9.20	37.36	0.36	
4	167+66.34	26.00	26.00	52.00	54.83	14.67	25.33	11.00	118.70	20	17.33	2.49	23.11	9.20	9.20	37.36	0.36	
6	114+64	20.00	20.00	40.00	42.83	10.00	34.73	30.00	102.55	20	13.33	1.92	17.78	9.20	9.20	28.74	0.36	
6	115+89	20.00	20.00	40.00	42.83	10.00	34.73	30.00	102.55	20	13.33	1.92	17.78	9.20	9.20	28.74	0.36	
SAWING AND SEALING TRANSVERSE JOINTS (LF)		184.00						UNITS		LIN. FT.	LIN. FT.	CU. YD.	CU. YD.	LIN FT.	LIN FT.	SQ. YD.	CU. YD.	
								TOTALS		80	61.32	9	82	37	201	132	1.44	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**ESTIMATED QUANTITIES**

GUARDRAIL, BRIDGE END PAVEMENT, AND DELINEATORS  
 PROJ. NO.: STP-2911-00(001)  
 COUNTY: TIPPAH

WORKING NUMBER  
**EQ-9**

FILE NAME: EQ.dgn  
 DESIGN TEAM: GRESHAM, SMITH  
 CHECKED: \_\_\_\_\_  
 DATE: 4-11-24

REVISIONS:  
 4-11-24 REVISOR: GSW  
 4-11-24 REVISION: REVISOR: GSW

BY: GSW





STATE	PROJECT NO.
MISS.	STP-2911-00(001)

CORRECTED PIPE LENGTHS	
DATE	BY
4-11-24	GSW

REVISIONS

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.	□□□□	405
SOIL REINF. MATERIAL	C.Y.	□□□□	405
PAVED DITCH	TON	□□□□	1956
RIPRAP	S.Y.	□□□□	
GEOTEXTILE	S.Y.	□□□□	
SOLID SOD	S.Y.	□□□□	

PHASE 1	EARTHWORK TOTAL THIS SHEET
Cut	389769
Fill	105742
Excess	53098
Surplus	12163
Borrow(B9-6)	
Borrow( )	

PHASE 4	EARTHWORK TOTAL THIS SHEET
Cut	104421
Fill	0
Excess	
Surplus	
Borrow( )	

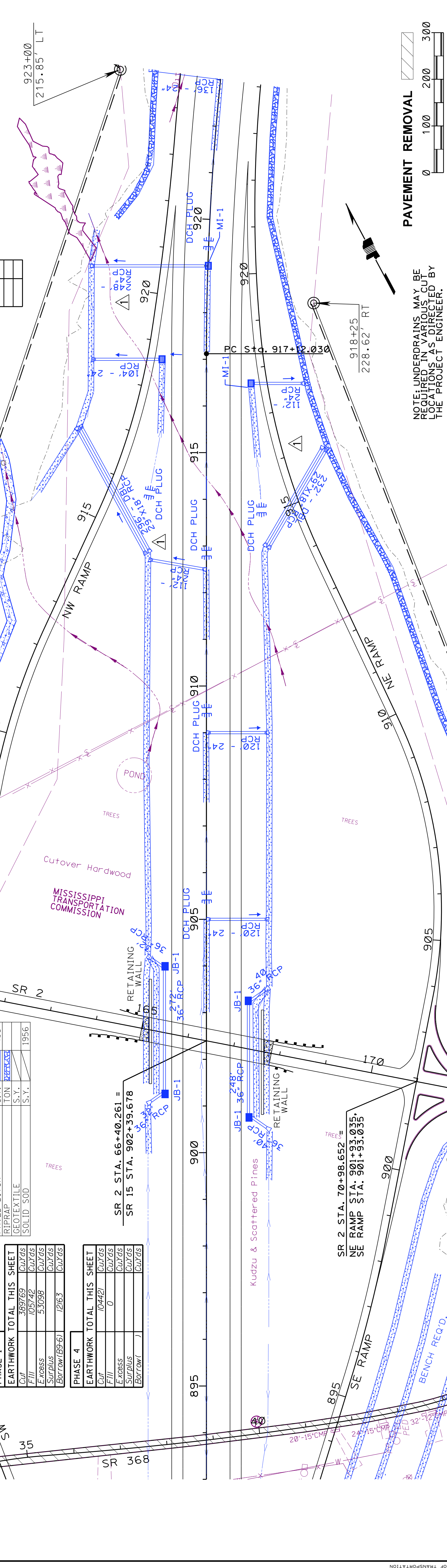
SR 2 STA. 66+40.261 =	SR 15 STA. 902+39.678
SR 2 STA. 70+98.652 =	NE RAMP STA. 901+93.035
SE RAMP STA. 901+93.035 =	

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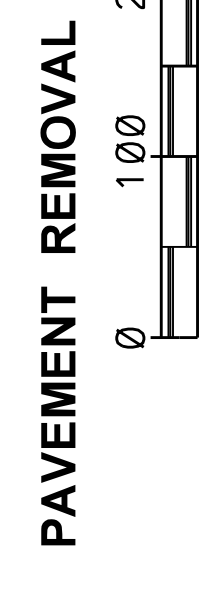
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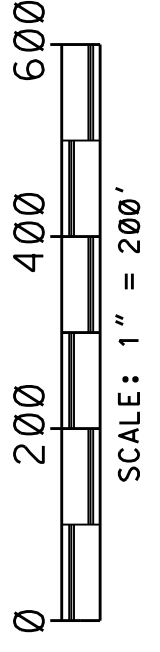


NOTE: UNDERDRAINS MAY BE REQUIRED IN VARIOUS LOCATIONS AS DETERMINED BY THE PROJECT ENGINEER.



600	510	500	490	480	470	460	488.50	482.62
590	500	490	480	470	460	450	490.42	485.55
580	490	480	470	460	450	440	492.33	488.52
570	480	470	460	450	440	430	494.25	490.22
560	470	460	450	440	430	420	496.17	491.93
550	460	450	440	430	420	410	498.08	494.73
							500.00	497.54
							501.92	499.92
							503.83	502.32
							505.75	501.86
							507.67	501.42
							509.58	501.42
							511.50	501.52
							513.42	498.82
							515.33	496.12
							517.25	494.67
							519.17	493.22
							521.08	492.56
							523.00	496.92
							524.92	501.37
							526.83	505.82
							528.75	509.00
							530.67	512.18
							532.58	519.08
							534.50	525.98
							536.42	530.03
							538.33	534.08
							540.25	536.90
							542.17	539.73
							544.05	545.08
							545.86	550.43
							547.60	554.45
							549.27	558.47
							550.87	561.96
							552.40	565.44
							553.86	571.74
							555.24	578.04
							556.56	584.33
							557.81	590.63
							558.98	596.83
							560.09	603.03
							561.13	609.53
							562.09	616.03
							562.98	622.53
							563.81	629.03
							564.56	635.53
							565.24	642.03
							565.86	648.53
							566.40	655.03
							566.87	661.53
							567.27	668.03
							567.60	674.53
							567.86	681.03
							568.05	687.53
							568.17	694.03
							568.21	700.53
							568.19	707.03
							568.52	713.53
							568.10	720.03
							567.94	726.53
							567.70	733.03
							567.40	739.53
							567.40	746.03
							567.40	752.53
							567.40	759.03
							567.40	765.53
							567.40	772.03
							567.40	778.53
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							567.40	791.53
							567.40	798.03
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							567.40	811.03
							567.40	817.53
							567.40	824.03
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							567.40	837.03
							567.40	843.53
							567.40	850.03
							567.40	856.53
							567.40	863.03
							567.40	869.53
							567.40	876.03
							567.40	882.53
							567.40	889.03
							567.40	895.53
							567.40	902.03
							567.40	908.53
							567.40	915.03
							567.40	921.53
							567.40	928.03
							567.40	934.53
							567.40	941.03
							567.40	947.53
							567.40	954.03
							567.40	960.53
							567.40	967.03
							567.40	973.53
							567.40	980.03
							567.40	986.53
							567.40	993.03
							567.40	999.53
							567.40	1006.03
							567.40	1012.53
							567.40	1019.03
							567.40	1025.53
							567.40	1032.03
							567.40	1038.53
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							567.40	1051.53
							567.40	1058.03
							567.40	1064.53
							567.40	1071.03
							567.40	1077.53
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							567.40	1090.53
							567.40	1097.03
							567.40	1103.53
							567.40	1110.03
							567.40	1116.53
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							567.40	1129.53
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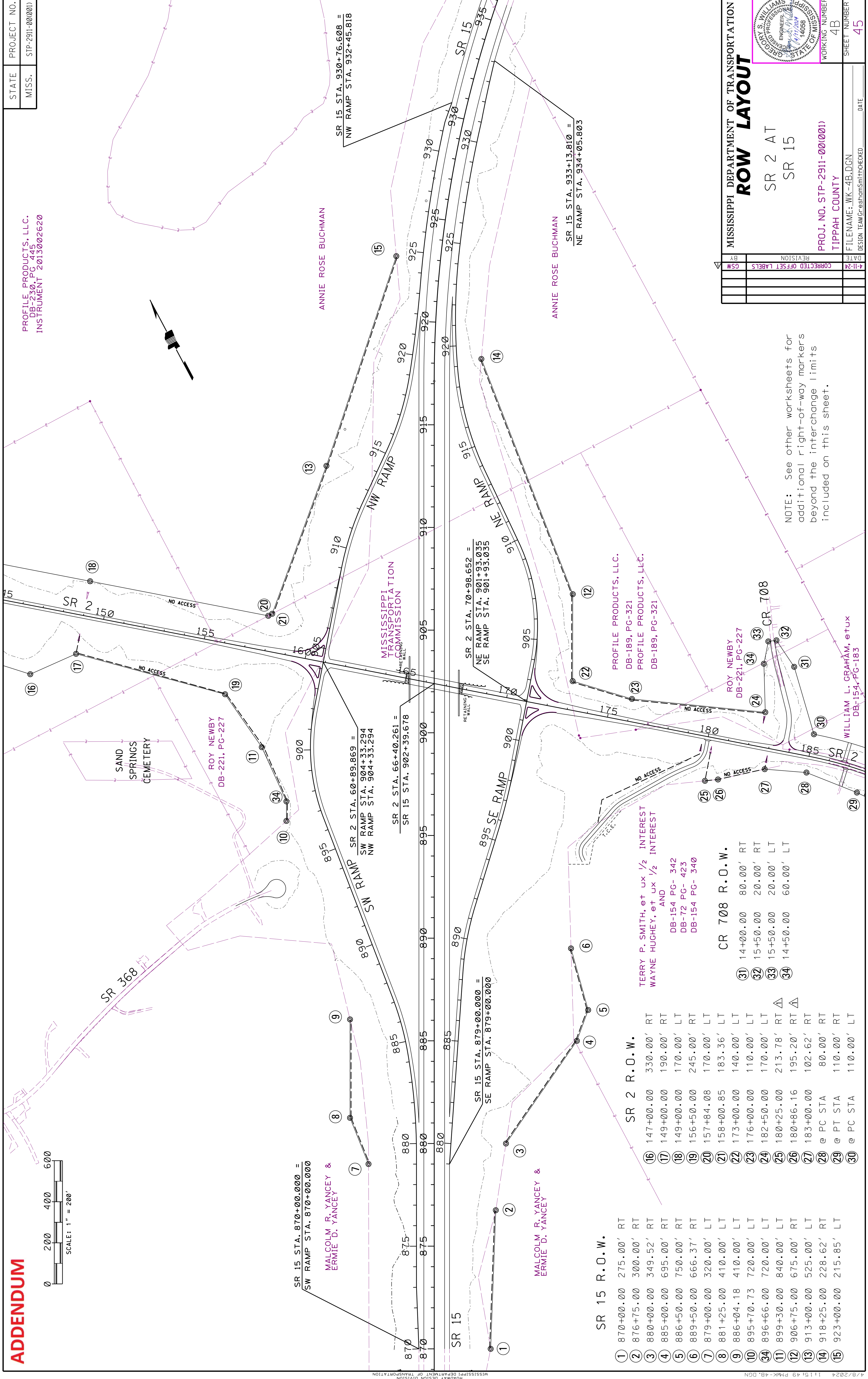
# ADDENDUM



STATE	PROJECT NO.
MISS.	STP-2911-00(001)

PROFILE PRODUCTS, LLC.  
DB-230, PG-445  
INSTRUMENT 2013002620

FMS COM: 105890 / 301000



SR 15 STA. 870+00.000 =  
SW RAMP STA. 870+00.000

MALCOLM R. YANCEY &  
ERMIE D. YANCEY

SR 2 STA. 60+89.869 =  
SW RAMP STA. 904+33.294  
NW RAMP STA. 904+33.294

SR 2 STA. 66+40.261 =  
SR 15 STA. 902+39.678

SR 15 STA. 879+00.000 =  
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SR 15 STA. 933+13.810 =  
NE RAMP STA. 934+05.803

SR 15 STA. 930+76.608 =  
NW RAMP STA. 932+45.818

## SR 15 R.O.W.

- ① 870+00.00 275.00' RT
- ② 876+75.00 300.00' RT
- ③ 880+00.00 349.52' RT
- ④ 885+00.00 695.00' RT
- ⑤ 886+50.00 750.00' RT
- ⑥ 889+50.00 666.37' RT
- ⑦ 879+00.00 320.00' LT
- ⑧ 881+25.00 410.00' LT
- ⑨ 886+04.18 410.00' LT
- ⑩ 895+70.73 720.00' LT
- ⑭ 896+66.00 720.00' LT
- ⑮ 899+30.00 840.00' LT
- ⑯ 906+75.00 675.00' RT
- ⑰ 913+00.00 525.00' LT
- ⑱ 918+25.00 228.62' RT
- ⑳ 923+00.00 215.85' LT

## SR 2 R.O.W.

- ⑯ 147+00.00 330.00' RT
- ⑰ 149+00.00 190.00' RT
- ⑱ 149+00.00 170.00' LT
- ⑳ 156+50.00 245.00' RT
- ㉑ 157+84.08 170.00' LT
- ㉒ 158+00.85 183.36' LT
- ㉓ 173+00.00 140.00' LT
- ㉔ 176+00.00 110.00' LT
- ㉕ 182+50.00 170.00' LT
- ㉖ 180+25.00 213.78' RT Δ
- ㉗ 180+86.16 195.20' RT Δ
- ㉘ 183+00.00 102.62' RT
- ㉙ @ PC STA 80.00' RT
- ㉚ @ PT STA 110.00' RT
- ㉛ @ PC STA 110.00' LT

TERRY P. SMITH, et ux 1/2 INTEREST  
WAYNE HUGHEY, et ux 1/2 INTEREST  
AND  
DB-154 PG- 342  
DB-72 PG- 423  
DB-154 PG- 340

## CR 708 R.O.W.

- ⑳ 14+00.00 80.00' RT
- ㉑ 15+50.00 20.00' RT
- ㉒ 15+50.00 20.00' LT
- ㉓ 14+50.00 60.00' LT

NOTE: See other worksheets for additional right-of-way markers beyond the interchange limits included on this sheet.

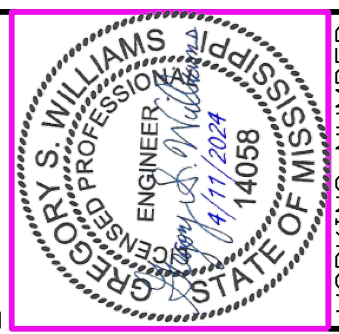
DATE	4-11-24
BY	GSM
REVISION	CORRECTED OFFSET LABELS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**ROW LAYOUT**  
SR 2 AT  
SR 15

PROJ. NO. STP-2911-00(001)  
TIPPAH COUNTY

WORKING NUMBER 4B  
SHEET NUMBER 45

FILENAME: WK-4B.DGN  
DESIGN TEAM: GreshamSmit



DATE 4-11-24  
BY GSM  
REVISION CORRECTED OFFSET LABELS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION  
**ROW LAYOUT**  
SR 2 AT  
SR 15

PROJ. NO. STP-2911-00(001)  
TIPPAH COUNTY

WORKING NUMBER 4B  
SHEET NUMBER 45

FILENAME: WK-4B.DGN  
DESIGN TEAM: GreshamSmit

NOTE: See other worksheets for additional right-of-way markers beyond the interchange limits included on this sheet.

TERRY P. SMITH, et ux 1/2 INTEREST  
WAYNE HUGHEY, et ux 1/2 INTEREST  
AND  
DB-154 PG- 342  
DB-72 PG- 423  
DB-154 PG- 340

SR 15 STA. 870+00.000 =  
SW RAMP STA. 870+00.000

MALCOLM R. YANCEY &  
ERMIE D. YANCEY

SR 2 STA. 60+89.869 =  
SW RAMP STA. 904+33.294  
NW RAMP STA. 904+33.294

SR 2 STA. 66+40.261 =  
SR 15 STA. 902+39.678

SR 15 STA. 879+00.000 =  
SE RAMP STA. 879+00.000

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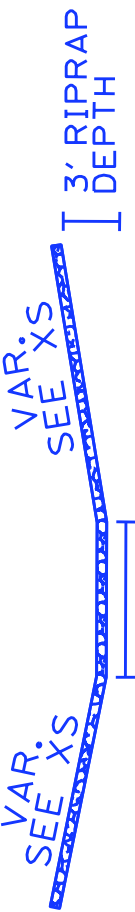






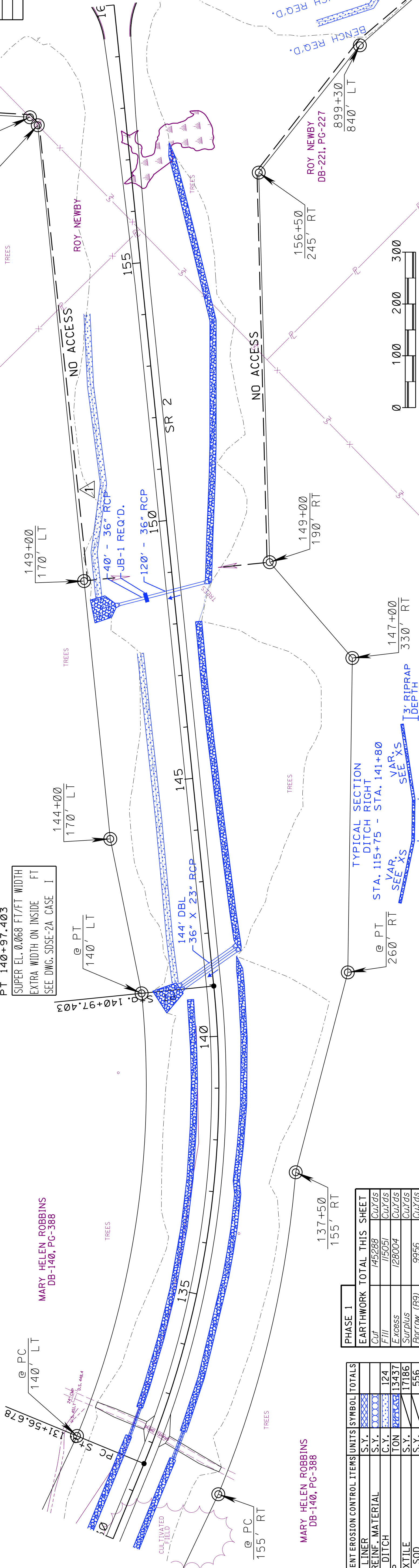
# ADDENDUM

TYPICAL SECTION  
DITCH LEFT  
STA. 115+75 - STA. 140+97



Curve H002.6  
 $\Delta = 28.13, 18,296"$  (LT)  
 $D = 3,000, 00,000"$   
 $L = 940,725'$   
 $T = 480,109'$   
 $BK S = 1,909,859'$   
 $AK S = 22,50', 20,800" E$   
 $AH S = 51,03', 39,096" E$   
 $PC 131+56,678$   
 $PT 140+97,403$

SUPER EL. 0.068 FT/FT WIDTH  
 EXTRA WIDTH ON INSIDE FT  
 SEE DWG. SDSE-2A CASE I



STATE	PROJECT NO.
MISS.	STP-2911-00(001)

REVISIONS	DATE	BY	CORRECTED PIPE LENGTH
	4-11-24	CSW	

PHASE 1		EARTHWORK TOTAL THIS SHEET	
Cut	145288	Cut	145288
Fill	115051	Fill	115051
Excess	128004	Excess	128004
Surplus	9956	Surplus	9956

PERMANENT EROSION CONTROL ITEMS		UNITS		SYMBOL		TOTALS	
DITCH LINER	S.Y.	124	124				
SOIL REINF. MATERIAL	S.Y.	124	124				
PAVED DITCH	C.Y.	13437	13437				
RIPRAP	TON	17186	17186				
GEOTEXTILE	S.Y.	556	556				
SOLID SOD	S.Y.						

