SECTION 905 -- PROPOSAL (CONTINUED)

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

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

ADDENDUM NO.	1	DATED	8/17/2015	ADDENDUM NO.		DATED	
ADDENDUM NO		DATED		ADDENDUM NO.		DATED	

Number	Description
1	Revised Table of Contents; Add NTB Nos. 5786 & 5787; SP 907-622-7, replaces SP 907-622-6; Revised BidItems; Revised or Added Plan Sht. Nos. 2, 4-11, 13-16, 22-25, 27-31, 33, 34, 38, 46-49, 85, 86, 88, 93-95, 212, 213, 220-223, 249-251, 256-259, 262, 263, 319, 320, 331-333, 2001, 2031, 6315, 6316, & 6324; Amendment EBS Download Required.

TOTAL ADDENDA: 1
(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE _____

_____
Contractor

BY _____
Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

E-MAIL _____

(To be filled in if a corporation)

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

_____
President Address

_____
Secretary Address

_____
Treasurer Address

The following is my (our) itemized proposal.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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PROJECT: STP-0056-01(075) / 104101301 - Rankin

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

08/18/2015 07:57 AM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5786 **CODE: (SP)**

DATE: **08/17/2015**

SUBJECT: **Bridge Removal**

PROJECT: **STP-0056-01(075) / 104101301 – Rankin County**

Bidders are hereby advised that a Federal Aviation Administration (FAA) permit **was not** obtained for the removal of the existing bridge at Station 276+50±. The Contractor shall limit the height of all equipment in this area to 55 feet above the existing pavement elevation. Should the Contractor need equipment taller than 55 feet for the removal of this bridge, the Contractor will be responsible for obtaining a FAA permit.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 5787 **CODE: (SP)**

DATE: **08/17/2015**

SUBJECT: **Pole Foundations**

PROJECT: **STP-0056-01(075) / 104101301 – Rankin County**

Bidders are hereby advised that the Summary of Quantities sheets and Estimated Quantities sheets in the Plans show the size of the traffic signal pole foundations to be 36” in diameter. However, if the manufacturer/designer of the pole foundations deems it necessary to increase the size to 44” in diameter, a pay item for 44-inch diameter foundations has been included as a pay item in the bid item list.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-622-7 **CODE: (SP)**

DATE: 06/01/2015

SUBJECT: Engineer's Field Office Building

Section 622, Engineer's Field Office Building, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction, is hereby amended as follows.

907-622.03.1.1--Type 1, Type 2 and Type 3 Field Office Buildings. At the end of the third paragraph of subparagraph K. in Subsection 622.03.1.1 on page 436, add the following.

In addition to the telephone service, the Contractor shall also provide a broadband connection to the internet. The service shall be capable of providing a downstream speed of 100 Mbps and a upstream speed of 20 Mbps.

907-622.05--Basis of Payment. Add the "907" prefix to the first pay item listed on page 439.

Construction necessary to Add 2 Lanes to SR 25 from SR 475 to Grants Ferry Road, known as Federal Aid Project No. STP-0056-01(075) / 104101301 in Rankin County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
			Roadway Items		
0010	202-A001		1	Lump Sum	Removal of Obstructions
0020	202-B005		48,707	Square Yard	Removal of Asphalt Pavement, All Depths
0030	202-B017		23,164	Linear Feet	Removal of Concrete Combination Curb & Gutter
0040	202-B025		3,338	Square Yard	Removal of Concrete Paved Ditch
0050	202-B030		175	Square Yard	Removal of Concrete Pavement, All Depths
0060	202-B042		66	Each	Removal of Flared End Section, All Sizes
0070	202-B057		18	Each	Removal of Inlets, All Sizes
0080	202-B064		930	Linear Feet	Removal of Pipe, 8" And Above
0090	202-B070		260	Each	Removal of Sign Including Post & Footing
0100	202-B076		2,778	Linear Feet	Removal of Traffic Stripe
0110	202-B087		1,200	Linear Feet	Removal of Guard Rail, Including Rails, Posts and Terminal Ends
0120	202-B216		4,425	Square Yard	Removal of Island Pavement, All Types
0130	203-A003	(E)	80,265	Cubic Yard	Unclassified Excavation, FM, AH
0140	203-EX029	(E)	12,714	Cubic Yard	Borrow Excavation, AH, FME, Class B15
0150	203-EX035	(E)	81,159	Cubic Yard	Borrow Excavation, AH, FME, Class B9-6
0160	203-G003	(E)	10,171	Cubic Yard	Excess Excavation, FM, AH
0170	206-A001	(S)	2,276	Cubic Yard	Structure Excavation
0180	206-B001	(E)	44	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM
0190	209-A004		343,732	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0200	211-B001	(E)	1,500	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished
0210	213-C001		64	Ton	Superphosphate
0220	217-A001		3,174	Square Yard	Ditch Liner
0230	219-A001		49	Thousand Gallon	Watering [$20.00]
0240	220-A001		64	Acre	Insect Pest Control [$30.00]
0250	221-A001	(S)	266	Cubic Yard	Portland Cement Concrete Paved Ditch
0260	223-A001		1	Acre	Mowing [$50.00]
0270	224-A001		3,176	Square Yard	Soil Reinforcing Mat
0280	234-A001		52,000	Linear Feet	Temporary Silt Fence
0290	236-A004		11	Each	Silt Basin, Type D
0300	239-A001		2,302	Linear Feet	Temporary Slope Drains
0310	406-A001		36,177	Square Yard	Cold Milling of Bituminous Pavement, All Depths
0320	406-B001		2,846	Square Yard	Cold Milling of Concrete Pavement, All Depths

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0330	413-D001		5,520	Linear Feet	Cleaning and Filling Joints
0340	501-E001		135	Linear Feet	Expansion Joints, Without Dowels
0350	501-H001		140	Each	Dowels, Installed
0360	501-I001		274	Linear Feet	Joint Filler, Wooden Board
0370	501-K001		343	Square Yard	Transverse Grooving
0380	502-A001	(C)	367	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0390	503-C007		10,951	Linear Feet	Saw Cut, Full Depth
0400	503-D001		15	Cubic Yard	Concrete for Base Repair
0410	503-E002		462	Each	Tie Bars, No. 5 Deformed Drilled and Epoxied or Grouted
0420	512-A001		50	Each	Holes
0430	602-A001	(S)	62,750	Pounds	Reinforcing Steel
0440	603-CA001	(S)	96	Linear Feet	15" Reinforced Concrete Pipe, Class III
0450	603-CA002	(S)	6,712	Linear Feet	18" Reinforced Concrete Pipe, Class III
0460	603-CA003	(S)	1,408	Linear Feet	24" Reinforced Concrete Pipe, Class III
0470	603-CA004	(S)	72	Linear Feet	30" Reinforced Concrete Pipe, Class III
0480	603-CA005	(S)	176	Linear Feet	36" Reinforced Concrete Pipe, Class III
0490	603-CA006	(S)	32	Linear Feet	42" Reinforced Concrete Pipe, Class III
0500	603-CA007	(S)	264	Linear Feet	48" Reinforced Concrete Pipe, Class III
0505	603-CA087	(S)	88	Linear Feet	12" Reinforced Concrete Pipe, Class III
0510	603-CA107	(S)	304	Linear Feet	24" Reinforced Concrete Pipe, Class V, Jacked or Bored
0520	603-CA126	(S)	168	Linear Feet	18" Reinforced Concrete Pipe, Class V, Jacked or Bored
0530	603-CB001	(S)	43	Each	18" Reinforced Concrete End Section
0540	603-CB002	(S)	16	Each	24" Reinforced Concrete End Section
0550	603-CB003	(S)	3	Each	30" Reinforced Concrete End Section
0560	603-CB004	(S)	11	Each	36" Reinforced Concrete End Section
0570	603-CB005	(S)	2	Each	42" Reinforced Concrete End Section
0572	603-CB006	(S)	6	Each	48" Reinforced Concrete End Section
0574	603-CB011	(S)	1	Each	12" Reinforced Concrete End Section
0576	603-CB014	(S)	1	Each	15" Reinforced Concrete End Section
0580	603-CE003	(S)	16	Linear Feet	36" x 23" Concrete Arch Pipe, Class A III
0590	603-CF003	(S)	1	Each	36" x 23" Concrete Arch Pipe End Section
0600	603-SB003	(S)	4	Each	18" Branch Connections, Stub into Concrete Box Culvert
0630	604-A001		6,212	Pounds	Castings
0640	604-B001		9,866	Pounds	Gratings

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0650	606-B005		925	Linear Feet	Guard Rail, Class A, Type 1, 'W' Beam
0660	606-C003		1	Each	Guard Rail, Cable Anchor, Type 1
0670	606-D012		2	Each	Guard Rail, Bridge End Section, Type I
0680	606-E002		2	Each	Guard Rail, Terminal End Section, Flared
0690	606-E003		1	Each	Guard Rail, Terminal End Section, Non-Flared
0700	609-B001	(S)	2,797	Linear Feet	Concrete Curb, Header
0710	609-D004	(S)	14,122	Linear Feet	Combination Concrete Curb and Gutter Type 3A Modified
0720	609-D006	(S)	842	Linear Feet	Combination Concrete Curb and Gutter Type 1 Modified
0730	609-D007	(S)	20,707	Linear Feet	Combination Concrete Curb and Gutter Type 2 Modified
0740	613-A002		3	Each	Adjustment of Castings, Gratings & Utility Appurtenances
0750	613-D005		2	Each	Adjustment of Manhole
0790	615-A015	(S)	584	Linear Feet	Concrete Bridge End Barrier, 32"
0800	616-A001	(S)	3,345	Square Yard	Concrete Median and/or Island Pavement, 4-inch
0810	616-A003	(S)	2,017	Square Yard	Concrete Median and/or Island Pavement, 10-inch
0820	619-A1004		15	Mile	Temporary Traffic Stripe, Continuous White, Paint
0830	619-A1005		364	Linear Feet	Temporary Traffic Stripe, Continuous White, Type 1 or 2 Tape
0840	619-A2004		12	Mile	Temporary Traffic Stripe, Continuous Yellow, Paint
0850	619-A2005		364	Linear Feet	Temporary Traffic Stripe, Continuous Yellow, Type 1 or 2 Tape
0860	619-A3003		364	Linear Feet	Temporary Traffic Stripe, Skip White, Type 1 or 2 Tape
0870	619-A3007		33	Mile	Temporary Traffic Stripe, Skip White, Paint
0880	619-A5002		206,113	Linear Feet	Temporary Traffic Stripe, Detail, Paint
0890	619-A6003		8,454	Linear Feet	Temporary Traffic Stripe, Legend, Paint
0900	619-A6004		9,688	Square Feet	Temporary Traffic Stripe, Legend, Paint
0910	619-C6001		1,481	Each	Red-Clear Reflective High Performance Raised Marker
0920	619-D1001		575	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0930	619-D2001		965	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0940	619-D3001		16	Each	Remove and Reset Signs, All Sizes
0950	619-F1001		830	Linear Feet	Concrete Median Barrier, Precast
0960	619-F2001		780	Linear Feet	Remove and Reset Concrete Median Barrier, Precast
0970	619-G4001		96	Linear Feet	Barricades, Type III, Single Faced
0980	619-G5001		774	Each	Free Standing Plastic Drums
0990	619-G7001		24	Each	Warning Lights, Type "B"
1000	619-J1005		2	Unit	Impact Attenuator, 45 MPH

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1010	619-J2001		1	Unit	Impact Attenuator, 45 MPH, Replacement Package
1020	620-A001		1	Lump Sum	Mobilization
1030	627-K001		4,378	Each	Red-Clear Reflective High Performance Raised Markers
1040	627-L001		444	Each	Two-Way Yellow Reflective High Performance Raised Markers
1050	629-A005		2	Each	Vehicular Impact Attenuator, 55 MPH
1060	629-B001		2	Each	Median Barrier End Section
1070	629-C001		2	Each	Vehicular Impact Attenuator Back-up Wall
1080	630-A001		2,093	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
1090	630-A002		232	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
1100	630-C003		3,209	Linear Feet	Steel U-Section Posts, 3.0 lb/ft
1110	630-D003		72	Linear Feet	Structural Steel Beams, W6 x 9
1120	630-D005		211	Linear Feet	Structural Steel Beams, W6 x 15
1130	630-E001		54	Pounds	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles
1140	630-E002		179	Pounds	Structural Steel Angles & Bars, 3 1/2" x 3 1/2" x 1/4" Angles
1150	630-E004		126	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
1160	630-F001		34	Each	Delineators, Guard Rail, White
1170	630-K002		218	Linear Feet	Welded & Seamless Steel Pipe Posts, 3 1/2"
1180	630-K003		62	Linear Feet	Welded & Seamless Steel Pipe Posts, 4"
1190	640-A016		128	Each	Traffic Signal Heads, Type 1 LED
1200	640-A017		47	Each	Traffic Signal Heads, Type 2 LED
1210	640-A018		25	Each	Traffic Signal Heads, Type 3 LED
1220	640-A022		8	Each	Traffic Signal Heads, Type 7 LED
1230	640-A056		12	Each	Traffic Signal Heads, Type 2 FYA LED
1240	642-A008		16	Each	Solid State Traffic Actuated Controllers, Type 8A
1250	646-A001		1	Lump Sum	Removal of Existing Traffic Signal Equipment
1260	647-A002		12	Each	Pullbox, Type 3
1270	647-A003		25	Each	Pullbox, Type 4
1280	647-A004		22	Each	Pullbox, Type 5
1290	647-A005		41	Each	Pullbox, Type 2
1300	666-B016		185	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 7 Con
1310	666-B028		1,641	Linear Feet	Electric Cable, Underground in Conduit, THHN, AWG #6, 3 Conducto
1320	666-B054		10,150	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 8 Con
1330	666-C007		5,377	Linear Feet	Electric Cable, Aerial Supported, IMSA 20-1, AWG 14, 7 Conductor
1340	666-D019		963	Linear Feet	Electric Cable, Aerial Supported in Conduit, THHN, AWG #6, 3 Con

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1350	668-A018		1,164	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 2"
1360	668-A020		325	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 3"
1370	668-B024		150	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 2
1380	668-B025		5,133	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3
1390	815-A009	(S)	1,680	Ton	Loose Riprap, Size 300
1400	815-E001	(S)	408	Square Yard	Geotextile under Riprap
1410	907-201-C001		108	Station	Random Clearing and Grubbing
1420	907-216-A001		2,641	Square Yard	Solid Sodding
1430	907-225-A001		132	Acre	Grassing
1440	907-225-B001		383	Ton	Agricultural Limestone
1450	907-225-C001		264	Ton	Mulch, Vegetative Mulch
1460	907-226-A001		128	Acre	Temporary Grassing
1470	907-234-D001		122	Each	Inlet Siltation Guard
1480	907-237-A003		10,000	Linear Feet	Wattles, 20"
1490	907-245-A001		3,000	Linear Feet	Triangular Silt Dike
1500	907-246-B002		1,500	Each	Rockbags
1510	907-249-A001		2,000	Ton	Riprap for Erosion Control
1520	907-304-B007	(GT)	38,900	Ton	Granular Material, Class 5, Group E
1530	907-403-A019	(BA1)	32,900	Ton	19-mm, ST, Asphalt Pavement
1540	907-403-A027	(BA1)	592	Ton	9.5-mm, HT, Asphalt Pavement
1550	907-403-A028	(BA1)	27,566	Ton	12.5-mm, HT, Asphalt Pavement
1560	907-403-AA001	(BA1)	33,636	Ton	Stone Matrix Asphalt, 9.5 mm Mixture
1570	907-403-AA002	(BA1)	51,523	Ton	Stone Matrix Asphalt, 12.5 mm Mixture
1580	907-403-B021	(BA1)	48,673	Ton	12.5-mm, HT, Asphalt Pavement, Leveling
1590	907-407-A001	(A2)	52,529	Gallon	Asphalt for Tack Coat
1600	907-413-E001		8,448	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
1610	907-420-A001		500	Pounds	Undersealing Concrete Pavement
1620	907-501-A002	(C)	172	Square Yard	6" Reinforced Cement Concrete Pavement, Broom Finish
1630	907-503-A001	(C)	175	Square Yard	9" and Variable Reinforced Concrete Pavement, Broom Finish
1640	907-512-B006		5,000	Pounds	Portland Cement Pressure Grout Slurry, Type 6
1650	907-601-A001	(S)	113	Cubic Yard	Class "B" Structural Concrete
1660	907-601-B003	(S)	441	Cubic Yard	Class "B" Structural Concrete, Minor Structures
1670	907-603-PE205	(S)	160	Linear Feet	18" Corrugated Polyethylene Pipe

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1680	907-617-A001		39	Each	Right-of-Way Marker
1690	907-618-A001		1	Lump Sum	Maintenance of Traffic
1694	907-619-E3001		4	Each	Changeable Message Sign
1700	907-619-J3001		2	Each	Remove and Reset Impact Attenuator
1710	907-622-B001		1	Each	Engineer's Field Office Building, Type 2 LO
1720	907-626-A005		20	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip White
1730	907-626-B006		1	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous White
1740	907-626-C003		7	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White
1750	907-626-E006		2	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
1760	907-626-F003		5	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
1770	907-626-G006		122,702	Linear Feet	Thermoplastic Double Drop Detail Stripe, White
1780	907-626-G007		29,422	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
1790	907-626-H009		7,946	Linear Feet	Thermoplastic Double Drop Legend, White
1800	907-626-H010		8,042	Square Feet	Thermoplastic Double Drop Legend, White
1810	907-630-PP010		299	Square Feet	Roadside Directional Signs, Sheet Aluminum, 0.125" Thickness, Gro Mounted
1820	907-637-A001		1	Each	Equipment Cabinet, Type B
1830	907-637-A002		1	Each	Equipment Cabinet, Type C
1840	907-637-A003		4	Each	Equipment Cabinet, Type A
1850	907-637-B001		3	Each	ITS Equipment Cabinet Modifications
1860	907-639-A161		3	Each	Traffic Signal Equipment Pole, Type II, 22' Shaft, 80' Arm
1870	907-639-A167		3	Each	Traffic Signal Equipment Pole, Type II, 22' Shaft, 50' Arm
1880	907-639-A168		1	Each	Traffic Signal Equipment Pole, Type II, 22' Shaft, 55' Arm
1890	907-639-A169		3	Each	Traffic Signal Equipment Pole, Type II, 22' Shaft, 65' Arm
1900	907-639-A170		3	Each	Traffic Signal Equipment Pole, Type II, 22' Shaft, 70' Arm
1910	907-639-A171		7	Each	Traffic Signal Equipment Pole, Type II, 22' Shaft, 75' Arm
1920	907-639-A173		1	Each	Traffic Signal Equipment Pole, Type II, 22' Shaft, 85' Arm
1930	907-639-A174		2	Each	Traffic Signal Equipment Pole, Type II, 22' Shaft, 90' Arm
1940	907-639-A175		5	Each	Traffic Signal Equipment Pole, Type II, 22' Shaft, 95' Arm
1950	907-639-A176		2	Each	Traffic Signal Equipment Pole, Type IV, 40' Shaft, 80' Arm
1960	907-639-A177		1	Each	Traffic Signal Equipment Pole, Type IV, 40' Shaft, 85' Arm
1970	907-639-A178		1	Each	Traffic Signal Equipment Pole, Type IV, 40' Shaft, 95' Arm
1980	907-639-A179		36	Each	Traffic Signal Equipment Pole, Type II, Wood, 40'
1990	907-639-A181		1	Each	Traffic Signal Equipment Pole, Type II, 22' Shaft, 35' Arm

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
2000	907-639-A183		2	Each	Traffic Signal Equipment Pole, Type II, 22' Shaft, 60' Arm
2010	907-639-A194		1	Each	Traffic Signal Equipment Pole, Type IV, 40' Shaft, 50' Arm
2020	907-639-B002		1	Each	Traffic Signal Equipment Lateral Ext., video camera mount
2030	907-639-C002		142	Cubic Yard	Pole Foundations, 36" Diameter
2036	907-639-C005		142	Cubic Yard	Pole Foundations, 44" Diameter
2040	907-639-D001		9	Linear Feet	Slip Casing, 36" Diameter
2050	907-639-F001		2	Each	Detector Pole with Foundation, 35' Pole
2060	907-641-C001		16	Each	Signal Radar Detection System
2070	907-650-A002		2	Each	On Street Video Equipment, Fixed Type
2080	907-650-A003		4	Each	On Street Video Equipment, PTZ Type
2090	907-654-A001		2	Each	Battery Back-up System
2100	907-657-A001		27,460	Linear Feet	Fiber Optic Cable, 72 SM
2110	907-657-B001		4,143	Linear Feet	Fiber Optic Drop Cable, 12 SM
2120	907-658-A005		17	Each	Network Switch, Type A
2130	907-658-B001		3	Each	Terminal Server
2140	907-658-C001		3,395	Linear Feet	Category 6 Cable, Installed in Conduit
2150	907-659-A001		1	Lump Sum	Traffic Management Center Modifications
2160	907-662-A002		1	Each	Video Encoder
2170	907-668-E001		35	Linear Feet	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2"
2180	907-668-E002		7,445	Linear Feet	Traffic Signal Conduit Bank, Underground, Rolled Pipe, 2 @ 2"
2190	907-668-F001		1,090	Linear Feet	Traffic Signal Conduit Bank, Underground, Drilled or Jacked,Rolled F 2"
2200	907-668-F002		23,296	Linear Feet	Traffic Signal Conduit Bank, Underground, Drilled or Jacked,Rolled F @ 2"
2210	907-668-F003		100	Linear Feet	Traffic Signal Conduit Bank, Underground, Drilled or Jacked,Rolled F @ 2"
2220	907-668-G002		50	Linear Feet	Traffic Signal Conduit Bank, Aerial Supported, Type I, 2 @ 2"
2230	907-670-A001		3	Each	ITS Radar Detection System
2240	907-670-B001		50	Linear Feet	ITS RDS Comm Cable
2250	907-672-A002		6	Each	Remove and Reset ITS Equipment
2260	907-673-A001		2	Each	Traffic Signal Controller Unit, Fiber Ready
2270	907-673-B002		2	Each	Malfunction Management Unit, 16-Channel
2280	907-697-A001		9	Each	Bluetooth Detection System, Type A
2290	907-699-A002		1	Lump Sum	Roadway Construction Stakes
2300	907-815-F001	(S)	315	Ton	Sediment Control Stone
2310	907-906001		2,080	Hours	Trainees [$5.00]

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
			ALTERNATE GROUP AA NUMBER 1		
2320	907-304-F002	(GT)	84,800	Ton	Size 610 Crushed Stone Base
			ALTERNATE GROUP AA NUMBER 2		
2330	907-304-F003	(GT)	84,800	Ton	3/4" and Down Crushed Stone Base
			ALTERNATE GROUP AA NUMBER 3		
2340	907-304-F004	(GT)	84,800	Ton	Size 825B Crushed Stone Base
			Bridge Items		
2350	202-B089		442	Linear Feet	Removal of Concrete Railing
2360	202-B123		28	Square Yard	Removal of Part of End Bent Cap, Curb and Wingwall, Per Plans
2370	202-B307		99	Square Yard	Removal of Bridge Deck
2380	801-A001	(S)	330	Cubic Yard	Foundation Excavation for Bridges
2390	803-D003	(S)	2,730	Linear Feet	HP 14 x 73 Steel Piling
2400	803-I001	(S)	4	Each	PDA Test Pile
2410	803-J001	(S)	4	Each	Pile Restrike
2420	805-A001	(S)	80,327	Pounds	Reinforcement
2430	813-A002	(S)	449	Linear Feet	Concrete Railing, 32"
2440	815-D001	(S)	125	Cubic Yard	Concrete Slope Paving
2450	907-804-A001	(S)	426	Cubic Yard	Bridge Concrete, Class AA
2460	907-804-C016	(S)	239	Linear Feet	40' Prestressed Concrete Beam, Type I+2
2470	907-804-C240	(S)	302	Linear Feet	101' Prestressed Concrete Beam, Type IV
2480	907-804-C255	(S)	159	Linear Feet	40' Prestressed Concrete Beam, Type II+2
2490	907-804-C256	(S)	302	Linear Feet	101' Modified Prestressed Concrete Beam, Type IV

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM

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DETAILED INDEX	DI-3	4
DETAILED INDEX	DI-4	5
DETAILED INDEX	DI-5	6
DETAILED INDEX	DI-6	7
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TYPICAL SECTION - SR-25 STA. 299+00 TO STA. 314+00	TS-3	11
TYPICAL SECTION - SR-25 STA. 314+00 TO STA. 489+00	TS-4	12
TYPICAL SECTION - LOCAL ROADS 2-LANE & 3-LANE CURB & GUTTER	TS-5	13
TYPICAL SECTION - LOCAL ROADS 5-6-LANE & 8-LANE CURB & GUTTER	TS-6	14
TYPICAL SECTION - LOCAL ROADS 2-LANE OPEN SHOULDER	TS-7	15
TYPICAL SECTION - LOCAL ROADS CURB & GUTTER	TS-8	16
TYPICAL SECTION - LR448-HUGH WARD BOULEVARD - STA. 20+34.99 TO STA. 23+74.06	TS-9	17
TYPICAL SECTION - LOCAL ROADS CURB & GUTTER	TS-10	18
TYPICAL SECTION - LOCAL ROADS-LR 487-GRANTS FERRY ROAD/CASTLEWOODS BOULEVARD	TS-11	19
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LAKELAND PARKWAY - M.L. STA. 261+19.12	3A	52
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STA. 295+00 TO 310+00	6RT	61
LAUREL PARK DRIVE - M.L. STA. 296+91.08	6A	62
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STA. 325+00 TO 340+00	8LT	68
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DOGWOOD FESTIVAL DRIVE - M.L. STA. 332+87.44	8A	70
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STA. 339+00 TO 354+00	9RT	72
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LAFAYETTE LANE - M.L. STA. 351+01.25	9B	74
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LUCKNEY ROAD - M.L. STA. 369+03.82	10B	78
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STA. 368+00 TO 383+00	11RT	80
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STA. 399+00 TO 414+00	13LT	85
STA. 398+00 TO 413+00	13RT	86
LOCAL ROAD 400 - M.L. STA. 400+62.80	13A	87
COOPER ROAD/MANSHIP ROAD - M.L. STA. 411+39.56	13B	88
STA. 414+00 TO 429+00	14LT	89
STA. 413+00 TO 428+00	14RT	90
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LAKELAND HEIGHTS BOULEVARD - M.L. STA. 438+64.11	15A	95
STA. 444+00 TO 459+00	16LT	96
STA. 443+00 TO 457+00	16RT	97
HUGH WARD BOULEVARD/LAKELAND PLACE - M.L. STA. 448+41.31	16A	98
PRIMOS ROAD - M.L. STA. 458+16.63	16B	99
STA. 459+00 TO 474+00	17LT	100
STA. 457+00 TO 472+00	17RT	101
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TAYLOR

PS & E PLANS-6/12/15		
FMS CON. # 104101/30100		
REVISIONS		
DATE	SHEET NO.	BY
	8,12,14,16,22,26,44,55,58,65,85-92,94,96-98,	
7/20/15	103-105,183,212-235,249,306,1015,2007,2009	JT
7/31/15	7001-7004,7007-7010,7015-7017,7024-7025,7062-7063	JT
	4-11,13-16,22-25,27-31,33-34,38,46-49,85-86,88,93-95,212-213,220-223,	
8/12/15	249-251,256-259,262-263,319-320,331-333,2001,2031,6315-6316,6324	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

TITLE, INDEX, GENERAL NOTES, QUANTITIES, & PLAN/PROFILES

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER
DI-1

SHEET NUMBER
2

FILENAME: DI 25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 2:41 PM DI 25.DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

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DATE	REVISION	BY
8/12/15	UPDATED CATEGORY QTY.	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

FORM GRADES, TRAFFIC CONTROL, PAVEMENT MARKINGS, SPECIAL DESIGNS

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER: DI-3

SHEET NUMBER: 4

FILENAME: DI 25.DGN

DESIGN TEAM TAYLOR CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 7:32 AM DI 25.DGN

ADDENDUM

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
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32" BRIDGE END PAVEMENT RAIL	BEPR-1	325
⚠		
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 5FT. - SPANS 5-12 FT.	SD-IBS-5-2W	327
BOX CULVERT DRAWING - 45° SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS	SD-ISK-45-3W	328
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHTS 4-12 FT. - SPANS 4-24 FT.	SD-IWS-3	329
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHTS 4-12 FT. - SPANS 4-24 FT.	SD-IWS-3A	330
⚠ SPECIAL DESIGN JUNCTION BOX TYPE 2 FOR TRAFFIC LOAD (MAXIMUM "W"=9'3")	SD-JB-2	331
⚠ SPECIAL DESIGN GUTTER INLET FOR TYPE 2 CURB STORM SEWER ALONG ROADWAY	SD-GI-1A	332
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DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
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PERMANENT SIGNING PLAN	PSP-1	1001
PERMANENT SIGNING PLAN	PSP-2	1002
PERMANENT SIGNING PLAN	PSP-3	1003
PERMANENT SIGNING PLAN	PSP-4	1004
PERMANENT SIGNING PLAN	PSP-5	1005
PERMANENT SIGNING PLAN	PSP-6	1006
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PERMANENT SIGNING PLAN: SIGNING DETAILS	PSP-11	1011
PERMANENT SIGNING PLAN: SIGNING DETAILS	PSP-12	1012
PERMANENT SIGNING PLAN: DETAIL OF GUIDE SIGNS	PSP-13	1013
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SIGNING REMOVAL PLAN SHEETS (9)		
SIGNING REMOVAL PLAN	SRP-1	1015
SIGNING REMOVAL PLAN	SRP-2	1016
SIGNING REMOVAL PLAN	SRP-3	1017
SIGNING REMOVAL PLAN	SRP-4	1018
SIGNING REMOVAL PLAN	SRP-5	1019
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SIGNING REMOVAL PLAN	SRP-9	1023
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GENERAL NOTES	GN-1	2001
TRAFFIC SIGNAL INSTALLATION SHEETS (10)		
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TRAFFIC SIGNAL INSTALLATION: OLD FANNIN ROAD	TSI-2	2003
TRAFFIC SIGNAL INSTALLATION: DOGWOOD FESTIVAL BOULEVARD	TSI-3	2004
TRAFFIC SIGNAL INSTALLATION: LUCKNEY ROAD	TSI-4	2005
TRAFFIC SIGNAL INSTALLATION: COOPER ROAD / MANSHIP ROAD	TSI-5	2006
TRAFFIC SIGNAL INSTALLATION: WIRTZ ROAD	TSI-6	2007
TRAFFIC SIGNAL INSTALLATION: HUGH WARD BOULEVARD	TSI-7	2008
TRAFFIC SIGNAL INSTALLATION: PLAZA DRIVE	TSI-8	2009
TRAFFIC SIGNAL INSTALLATION: GRANTS FERRY ROAD	TSI-9	2010
TRAFFIC SIGNAL INSTALLATION: MACKENZIE LANE & PROMENADE BOULEVARD	TSI-10	2011
TEMPORARY TRAFFIC SIGNAL(7)		
TEMPORARY TRAFFIC SIGNAL: LAKELAND COMMONS	TTS-1	2012
TEMPORARY TRAFFIC SIGNAL: OLD FANNIN ROAD	TTS-2	2013
TEMPORARY TRAFFIC SIGNAL: DOGWOOD FESTIVAL BOULEVARD	TTS-3	2014
TEMPORARY TRAFFIC SIGNAL: LUCKNEY ROAD	TTS-4	2015
TEMPORARY TRAFFIC SIGNAL: COOPER/ MANSHIP ROAD	TTS-5	2016
TEMPORARY TRAFFIC SIGNAL: HUGH WARD BOULEVARD	TTS-6	2017
TEMPORARY TRAFFIC SIGNAL: GRANTS FERRY ROAD	TTS-7	2018

DATE	REVISION	BY
8/12/15	ADDED & DELETED SHEETS	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

SPECIAL DESIGNS, SIGNS & SIGNALS

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER DI-4

SHEET NUMBER 5

FILENAME: DI 25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

FMS CON: 104101/301000

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
SIGNS AND SIGNAL SHEETS (CONTINUED)		
TRAFFIC SIGNAL REMOVAL SHEETS (8)		
TRAFFIC SIGNAL REMOVAL: LAKELAND COMMONS	TSR-1	2019
TRAFFIC SIGNAL REMOVAL: OLD FANNIN ROAD	TSR-2	2020
TRAFFIC SIGNAL REMOVAL: DOGWOOD FESTIVAL BOULEVARD	TSR-3	2021
TRAFFIC SIGNAL REMOVAL: LUCKNEY ROAD	TSR-4	2022
TRAFFIC SIGNAL REMOVAL: COOPER/ MANSHIP ROAD	TSR-5	2023
TRAFFIC SIGNAL REMOVAL: WIRTZ ROAD	TSR-6	2024
TRAFFIC SIGNAL REMOVAL: HUGH WARD BOULEVARD	TSR-7	2025
TRAFFIC SIGNAL REMOVAL: GRANTS FERRY ROAD	TSR-8	2026
TRAFFIC SIGNAL DETAIL SHEETS (5)		
DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS, AND GENERAL NOTES	TSD-1	2027
PULL BOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-3	2028
SPAN WIRE AND STEEL STRAIN POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-4	2029
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS AND MISCELLANEOUS DETAILS	TSD-5	2030
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-6B	2031
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ITS GENERAL NOTES (1)		
GENERAL NOTES AND ITS LEGEND	GN-1	3001
ITS PLAN SHEETS (10)		
S.R. 25 - STA. 205+00 - STA. 230+00	ITS-1	3002
S.R. 25 - STA. 230+00 - STA. 260+00	ITS-2	3003
S.R. 25 - STA. 260+00 - STA. 290+00	ITS-3	3004
S.R. 25 - STA. 290+00 - STA. 320+00	ITS-4	3005
S.R. 25 - STA. 320+00 - STA. 350+00	ITS-5	3006
S.R. 25 - STA. 350+00 - STA. 380+00	ITS-6	3007
S.R. 25 - STA. 380+00 - STA. 410+00	ITS-7	3008
S.R. 25 - STA. 410+00 - STA. 440+00	ITS-8	3009
S.R. 25 - STA. 440+00 - STA. 470+00	ITS-9	3010
S.R. 25 - STA. 470+00 - STA. 500+00	ITS-10	3011
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AERIAL SUPPORTED CONDUIT - NOTES AND TYPICAL DETAILS	ASC-1	3012
AERIAL SUPPORTED CONDUIT - NOTES AND TYPICAL DETAILS	ASC-2	3013
CABINET DETAILS - TYPE B & C CABINET DETAILS	CAB-1	3014
CCTV DETAILS - POLE MOUNTED CCTV DETAILS	CCTV-1	3015
CCTV DETAILS - MAST ARM, VERTICAL AND LATERAL POLE EXTENSION DETAILS	CCTV-2	3016
RDS DETAILS - POLE MOUNTED RDS DETAILS	RDS-1	3017
EQUIPMENT DETAILS - SITE BLOCK DIAGRAMS	ED-1	3018
FIBER OPTIC DETAILS - PULLBOX AND CONDUIT TRENCHING DETAILS	FO-1	3019
FIBER OPTIC DETAILS - FIBER SPLICING DETAILS	FO-2	3020
FIBER OPTIC DETAILS - TERMINATION CABINET TABLES	FO-3	3021
FIBER OPTIC DETAILS - TERMINATION CABINET	FO-4	3022
FIBER OPTIC DETAILS - CABLE MANAGEMENT DETAILS	FO-5	3023
FIBER OPTIC DETAILS - TYPICAL SITE BLOCK DIAGRAMS	FO-6	3024
ELECTRICAL DETAILS - POWER SERVICE DETAILS	POW-1	3025
ELECTRICAL DETAILS - POWER SERVICE DETAILS	POW-2	3026

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
⚠ STANDARD DRAWINGS - ROADWAY SHEETS (64)			
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	10/1/98	PM-1	6120
PAVEMENT MARKING LEGEND DETAILS	10/1/98	PM-5	6124
PAVEMENT MARKING LEGEND DETAILS	10/1/98	PM-6	6125
EROSION CONTROL	10/1/98	EC-1	6140
GUARD RAIL : "W" BEAM (WOOD POSTS)	3/10/02	GR-1	6180
GUARD RAIL : "W" BEAM (STEEL POSTS)	10/1/98	GR-1B	6182
GUARD RAIL : BRIDGE END SECTION - TYPE H (WOOD POSTS)	10/1/98	GR-2C	6187
GUARD RAIL : BRIDGE END SECTION TYPE "H" (STEEL POSTS)	10/1/98	GR-2D	6188
GUARD RAIL : TYPE 1 CABLE ANCHORAGE - (FOUNDATION TUBE	10/1/98	GR-3	6192
GUARD RAIL : TYPE 1 CABLE ANCHORAGE - (CONCRETE FOOTING)	10/1/98	GR-3A	6193
GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	10/1/98	GR-4	6194
GUARD RAIL : TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS	10/1/98	GR-4C	6197
GUARD RAIL : MISCELLANEOUS HARDWARE	10/1/98	GR-HW	6202
MEDIAN BARRIER : CONCRETE (CAST-IN-PLACE)	10/1/98	MB-2	6204
MEDIAN BARRIER: CONCRETE (PRECAST)	10/1/98	MB-2A	6205
STANDARD DIRECTIONAL (GUIDE) SIGNS	10/1/98	SN-1	6220
ROUTE SHIELDS & "EXIT ONLY" PANELS	10/1/98	SN-2	6221
STANDARD ROADSIDE SIGNS	10/1/98	SN-3	6222
STANDARD ROADSIDE SIGNS	10/1/98	SN-3A	6223
STANDARD ROADSIDE SIGNS	10/1/98	SN-3B	6224
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	10/1/98	SN-4	6225
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	10/1/98	SN-4A	6226
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	10/1/98	SN-4B	6227
BREAK-AWAY SIGN SUPPORTS	10/1/98	SN-6	6229
BREAK-AWAY SIGN SUPPORTS	10/1/98	SN-6A	6230
TYPICAL INSTALLATION OF DELINEATORS	10/1/98	SN-8A	6234
TYPICAL CROSSOVER DELINEATION	2/1/99	SN-8B	6235
TYPICAL GUARD RAIL DELINEATION	10/1/98	SN-8C	6236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO WAY TRAFFIC)	10/1/98	TCP-1	6250
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE:MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)	10/1/98	TCP-2	6251
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS	10/1/98	TCP-8	6257
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	10/1/98	TCP-11	6260
TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSSOVER (WORK DAY ONLY)	10/1/98	TCP-13	6262
TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS	10/1/98	TCP-14	6263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12/1/99	TCP-15	6264

DATE	REVISION	BY
8/12/15	UPDATED CATEGORY QTY.	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

SIGNS & SIGNALS, ITS, STANDARD DRAWINGS - ROADWAY

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER DI-5

SHEET NUMBER 6

FILENAME: DI 25.DGN

DESIGN TEAM TAYLOR CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 2:42 PM DI 25.DGN

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
STANDARD DRAWINGS - ROADWAY SHEETS CONT'D			
TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED HIGHWAYS	12/1/99	TCP-16	6265
RURAL DRIVEWAYS	10/1/98	RD-1	6271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	10/1/98	GT-1	6272
SIGHT FLARES	10/1/98	SF-1	6273
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT 2. EXCAVATION AT GRADE POINTS	10/1/98	MDS-1	6290
DETAILS OF PAVED FLUMES	10/1/98	PF-1	6291
PIPE CULVERT INSTALLATION	10/1/98	PI-1	6300
PIPE COLLAR - CONCRETE	10/1/98	PC-1	6301
JUNCTION BOX FOR PIPE CULVERTS	10/1/98	JB-1	6302
JUNCTION BOX FOR BOX CULVERT TO CONCRETE ARCH PIPE	10/1/98	JB-1A	6303
JUNCTION BOX TYPE 2 FOR TRAFFIC LOAD (MAXIMUM "W" = 9.3 FT.)	10/1/98	JB-2	6304
BRANCH CONNECTIONS	10/1/98	BC-1	6305
TYPE I MEDIAN INLET (24" PIPE & UNDER)	10/1/98	MI-1	6306
TYPE I MEDIAN INLET (29" - 51" PIPE)	10/1/98	MI-1A	6307
TYPE II MEDIAN INLET (51" & UNDER)	10/1/98	MI-2	6309
TYPE II MEDIAN INLET (OVER 51" PIPE)	10/1/98	MI-2A	6310
MEDIAN INLET FOR BOX CULVERTS (TYPE I& II)	10/1/98	MI-3	6311
MEDIAN INLET (FLUSH WITH FORESLOPE)	10/1/98	MI-4	6312
MEDIAN INLET (FLUSH WITH DITCH PLUG)	10/1/98	MI-4A	6313
DETAILS OF GRATES FOR MEDIAN INLETS	10/1/98	IG-1	6314
⚠ DETAILS OF GRATES FOR GUTTER INLETS	10/1/98	IG-2	6315
⚠ GUTTER INLET FOR TYPE 2 CURB	10/1/98	GI-1	6316
PAVED INLET APRON AND MEDIAN DITCH PLUG	10/1/98	PA-1	6318
STORM SEWER INLET - TYPE SS-2	10/1/98	SS-2	6322
⚠ STORM SEWER STRUCTURE TYPE SS-4 HEADER CURB	10/1/98	SS-4	6324
DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERT	10/1/98	B-9	6325
FLARED END SECTION FOR CONCRETE PIPE	10/1/98	FE-1	6328
FLARED END SECTION FOR CONCRETE ARCH PIPE	10/1/98	FE-1A	6329
DETAILS OF STORM DRAIN USED AS UNDERDRAIN	10/1/98	UD-1	6331

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
STANDARD DRAWINGS - BRIDGE SHEETS (15)			
BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS GROUP I DIAGRAMS	8/1/97	IBJL-1	7001
BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS GROUP II DIAGRAMS	8/1/97	IBJL-1	7002
BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS GROUP III DIAGRAMS	8/1/97	IBJL-1	7003
COLLAR DETAILS FOR BOX STRUCTURES	8/1/97	ICJ-1	7004
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 6 FT. - SPANS - 6-20 FT.	8/1/97	IBS-6-2W	7007
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 6 FT. - SPANS - 6-20 FT.	8/1/97	IBS-6-2W	7008
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 8 FT. - SPANS - 8-20 FT.	8/1/97	IBS-8-2W	7009
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 8 FT. - SPANS - 8-20 FT.	8/1/97	IBS-8-2W	7010
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 6-12 FT. - SPANS 6-24 FT.	8/1/97	IWS-3	7015
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 6-12 FT. - SPANS 6-24 FT.	8/1/97	IWS-3	7016
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 6-12 FT. - SPANS 6-24 FT.	8/1/97	IWS-3	7017
BOX CULVERT DRAWING - IBS CULVERTS MODIFIED FOR HIGH COVER - WINGS WITH 3:1 SLOPE	8/1/97	IBSM-3W	7024
BOX CULVERT DRAWING - IBS CULVERTS MODIFIED FOR HIGH COVER - WINGS WITH 3:1 SLOPE	8/1/97	IBSM-3W	7025
BOX CULVERT DRAWING - 45 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS	8/1/97	ISK-45-3W	7062
BOX CULVERT DRAWING - 45 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS	8/1/97	ISK-45-3W	7063

SPECIAL DESIGN SHEETS - SEE BRIDGE SHEETS BEGINNING ON 8001

⚠ CROSS SECTIONS (196)

⚠ SR-25 STA. 252+00 TO STA. 494+00	9001-9119
⚠ DETOUR	9120-9130
⚠ MARKET STREET	9131-9136
⚠ OLD FANNIN ROAD	9137-9151
⚠ LUCKNEY ROAD	9152-9159
⚠ COOPER ROAD / MANSHIP ROAD	9160-9166
⚠ WIRTZ ROAD	9167-9174
⚠ LAKELAND HEIGHTS BOULEVARD	9175-9176
⚠ HUGH WARD BOULEVARD / LAKELAND PLACE	9177-9185
⚠ CASTLEWOODS BOULEVARD / GRANTS FERRY ROAD	9186-9196

⚠ TOTAL SHEETS (NOT INCLUDING BRIDGE SHEETS) = (687)

DATE	REVISION	BY
8/12/15	RENUMBERED AND ADDED SHEETS	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

STANDARD DRAWINGS - ROADWAY & BRIDGE, SPECIAL DESIGN - BRIDGE CROSS SECTIONS

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER DI-6

SHEET NUMBER 7

FILENAME: DI 25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 2:42 PM DI 25.DGN

ADDENDUM

GENERAL NOTES

1. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.

2. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).

3. 20% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

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

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

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

7. WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING WHAT BRACING, SHORING, OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION OR ANY STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

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

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

10. FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 1LT.

11. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.

12. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.

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

14. EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE FILLED WITH FLOWABLE FILL PER SECTION 631 OF THE MS STANDARD SPECIFICATIONS (COST TO BE ABSORBED IN OTHER ITEMS BID).

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

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

17. REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS BID.

18. REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.

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

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

GENERAL NOTES (CONT.)

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

22. UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF-WAY. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.

23. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.

24. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SURFACE TREATED SHOULDER THAT MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH SECTION 410 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.

2 25. ERECTION DATES ARE TO BE LEGIBLY WRITTEN IN BOLD BLACK MARKINGS ON THE BACK OF ALL SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT AND MARKS ON WET OR DRY SURFACES.

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

27. THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.

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

29. THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

30. SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS INCLUDED IN THE PLANS.

31. ALL REMOVAL OF INLET TOPS TO BE ABSORBED IN OTHER ITEMS BID. REPLACEMENT OF TOPS TO BE INCLUDED IN CLASS B MINOR CONCRETE AND STRUCTURAL STEEL.

32. REMOVAL AND RESETTING OF ALL EXISTING PERMANENT STREET NAME SIGNS SHALL BE ABSORBED IN OTHER ITEMS BID.

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

34. ANY SECTIONS OF CONCRETE PAVEMENT THAT HAVE BEEN OVERLAID WITH ASPHALT AND REQUIRE REMOVAL OF THE CONCRETE PAVEMENT WILL BE PAID FOR AS REMOVAL OF CONCRETE PAVEMENT ONLY.

1 35. THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION HAS MADE A COMMITMENT IN THE APPROVED ENVIRONMENTAL DOCUMENT THAT REQUIRES WORK BE STOPPED IF NATIVE AMERICAN CULTURAL MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION. MDOT ENVIRONMENTAL DIVISION AND FHWA SHALL BE NOTIFIED SHOULD THIS OCCUR.

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

2 37. IN SITUATIONS WHERE A PROPOSED CURB ABUTS AN EXISTING CURB AND THE TWO ARE DIFFERENT TYPES, THE CONTRACTOR SHALL TRANSITION FROM PROPOSED TO EXISTING IN A MINIMUM OF FIVE FEET OR AS DIRECTED BY THE ENGINEER. THIS COST WILL BE ABSORBED IN OTHER ITEMS BID.

DATE	REVISION	BY
8/12/15	EDITED AND ADDED NOTES	JT
7/28/15	ADDED NOTE	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER GN-1

SHEET NUMBER 8

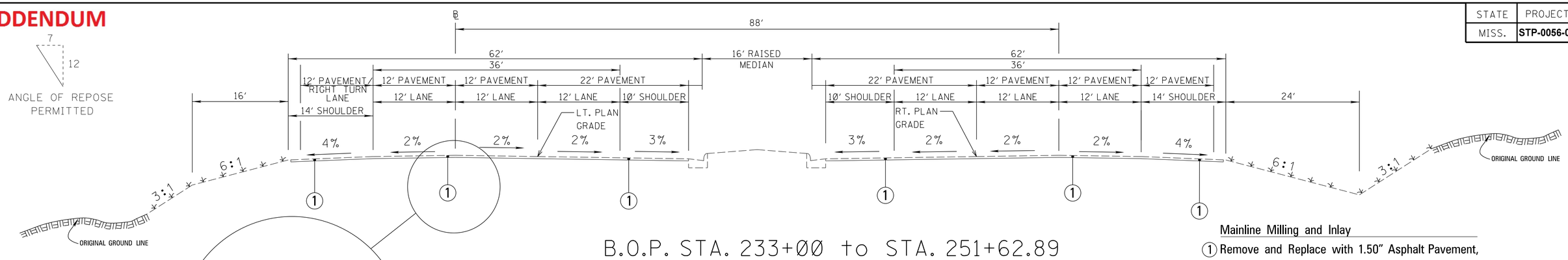
FILENAME: DI 25.DGN

DESIGN TEAM TAYLOR CHECKED DATE

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



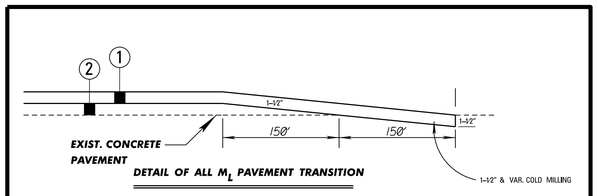
B.O.P. STA. 233+ØØ to STA. 251+62.89

Mainline Milling and Inlay

(1) Remove and Replace with 1.50" Asphalt Pavement, SMA (9.5 mm Mixture) (1 @ 1.5)

CROSSOVER AT STA. 234+00 SEE ID–1.

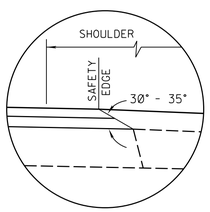
CROSSOVER AT STA. 243+00. SEE ID–2.



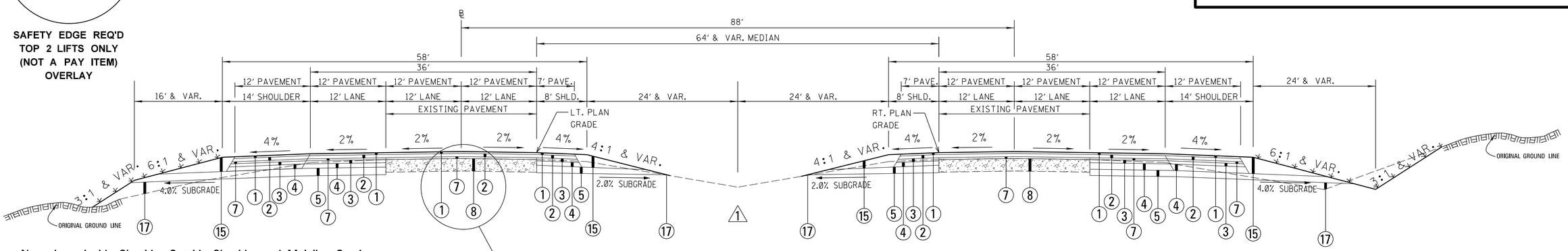
DETAIL OF ALL M_L PAVEMENT TRANSITION

(1) 1.50" Asphalt Pavement, SMA (9.5 mm Mixture) (1 @ 1.5)

(2) 2.50" Asphalt Pavement, SMA (12.5 mm Mixture) (1 @ 2.5)



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



STA. 489+ØØ to E.O.P. STA. 494+ØØ

New Lane, Inside Shoulder, Outside Shoulder, and Mainline Overlay

(1) 1.50" SMA (9.5 mm Mixture) (1 @ 1.5)

(2) 2.50" SMA (12.5 mm Mixture) (1 @ 2.5)

(3) 2.50" Asphalt Pavement, HT (12.5 mm Mixture) (1 @ 2.5)

(4) 3.50" Asphalt Pavement, ST (19 mm Mixture) (1 @ 3.5)

(5) 6.00" Crushed Stone w/Geotextile Fabric Type V (Non–woven)

16.00" Structure Thickness

(7) 2.50" & variable Asphalt Pavement, HT (12.5 mm Mixture) Leveling Lift

(8) Existing Concrete Pavement to Remain

(15) 12.50" & variable Shoulder Granular (5/E)

(17) Unclassified Excavation Material

Indicates area to be treated in accordance with the vegetation schedule. See WK. SH. No. VS–1

DATA FOR PAVEMENT DETERMINATION

(2020) ADT =	48,000		Current
(2030) ADT =	53,000		
(2040) ADT =	59,000		Design
DHV =	5900		
D =	55	% of DHV	
T =	3	% of DHV	
T (total) =	7	% of DHV	
18K (Rigid) =	985	/ 1000	
18K (Flex) =	635	/ 1000	
Design CBR =	5		

DATE	REVISION	BY
8/12/15	CHANGED TYP. AND PAVMT. DATA	JRT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SR-25

B.O.P. & E.O.P.

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER TS-1

SHEET NUMBER 9

FILENAME:

DESIGN TEAM TAYLOR CHECKED DATE

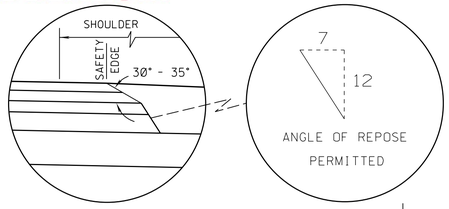
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 4:38 PM TYP.DGN

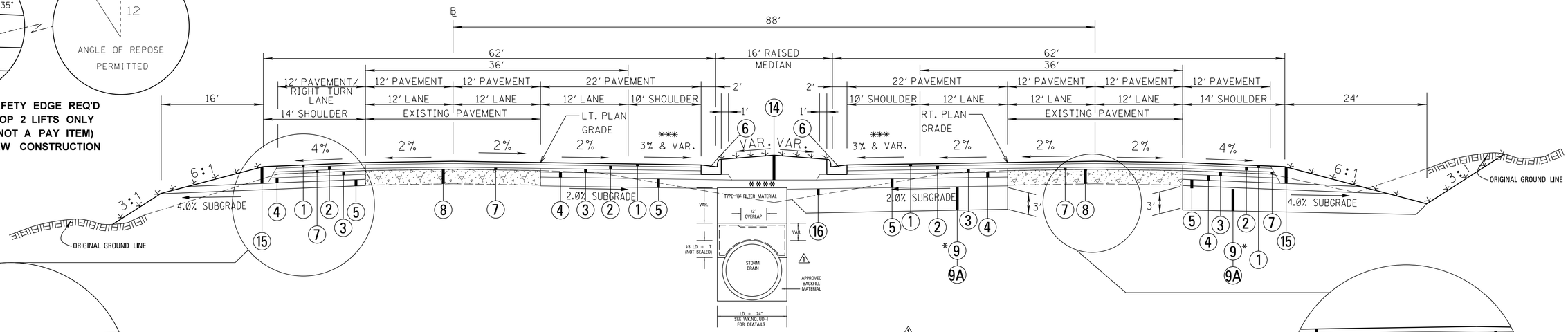
FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

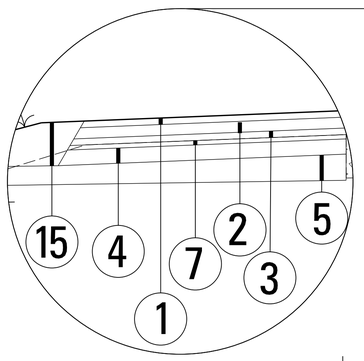
ADDENDUM

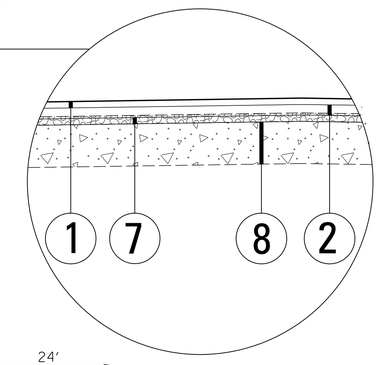


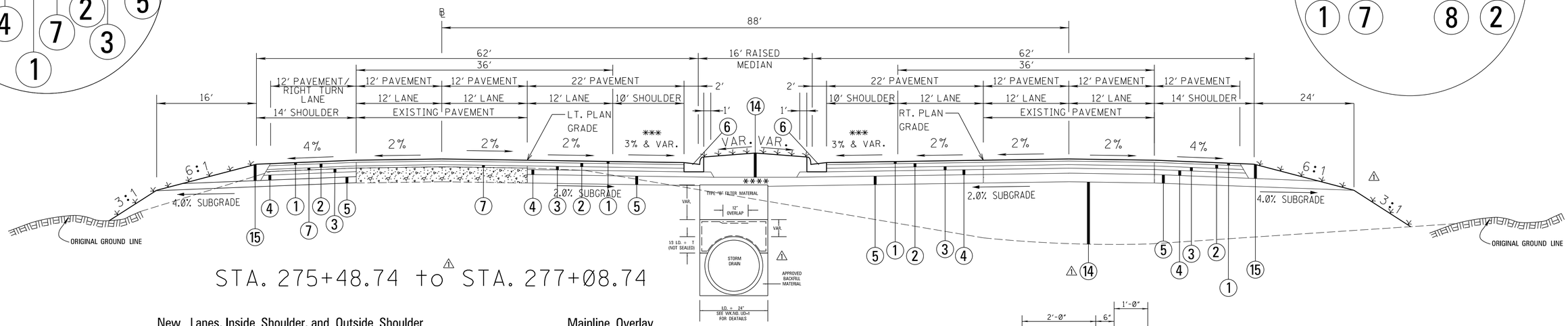
SAFETY EDGE REQ'D TOP 2 LIFTS ONLY (NOT A PAY ITEM) NEW CONSTRUCTION



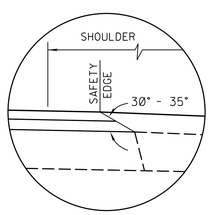
STA. 251+62.89 to STA. 275+48.74**
STA. 277+08.74 to STA. 299+00.00**







STA. 275+48.74 to STA. 277+08.74



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

New Lanes, Inside Shoulder, and Outside Shoulder

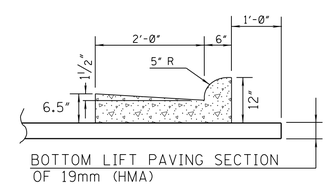
1. 1.50" SMA (9.5 mm Mixture) (1 @ 1.5)
2. 2.50" SMA (12.5 mm Mixture) (1 @ 2.5)
3. 2.50" Asphalt Pavement, HT (12.5 mm Mixture) (1 @ 2.5)
4. 3.50" Asphalt Pavement, ST (19 mm Mixture) (1 @ 3.5)
5. 6.00" Crushed Stone w/Geotextile Fabric Type V (Non–woven)

16.00" Structure Thickness

6. Modified Type '3A' Combination Curb and Gutter (See Detail)
7. 2.50" & variable Asphalt Pavement, HT (12.5 mm Mixture) Leveling Lift
9. 3 ft. Undercut of High Volume Change Soil (HVC)*
9A. Class B–15 Borrow Material Backfill
14. B9–6 Borrow Material
15. 11.50" & variable Shoulder Granular (5/E)
16. Unclassified

Mainline Overlay

1. 1.50" SMA (9.5 mm Mixture) (1 @ 1.5)
2. 2.50" SMA (12.5 mm Mixture) (1 @ 2.5)
7. 2.50" & variable Asphalt Pavement, HT (12.5 mm Mixture) Leveling Lift
8. Existing Concrete Pavement to Remain



DETAIL OF MODIFIED COMBINATION CURB AND GUTTER (TYPE "3A")

* HVC Undercut Station Limits: 292+00 – 296+00 NORTHBOUND

** No Curb And Gutter From Station 264+24.217 To 271+08.175 To Allow For Bridge Construction

*** See Cross Sections.

**** Grade To Drain Subgrade To Storm Drain /Under Drain

Indicates area to be treated in accordance with the vegetation schedule. See WK. SH. No. VS–1

DATE	REVISION	BY
8/12/15	REVISED DETAILS, STATION LIMITS	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SR-25

STA. 251+62.89 TO STA. 299+00

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER TS-2

SHEET NUMBER 10

FILENAME:
DESIGN TEAM TAYLOR CHECKED DATE

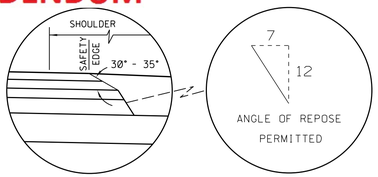
PLAN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 7:35 AM TYP. DGN

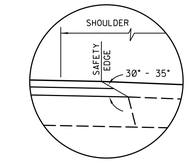
FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

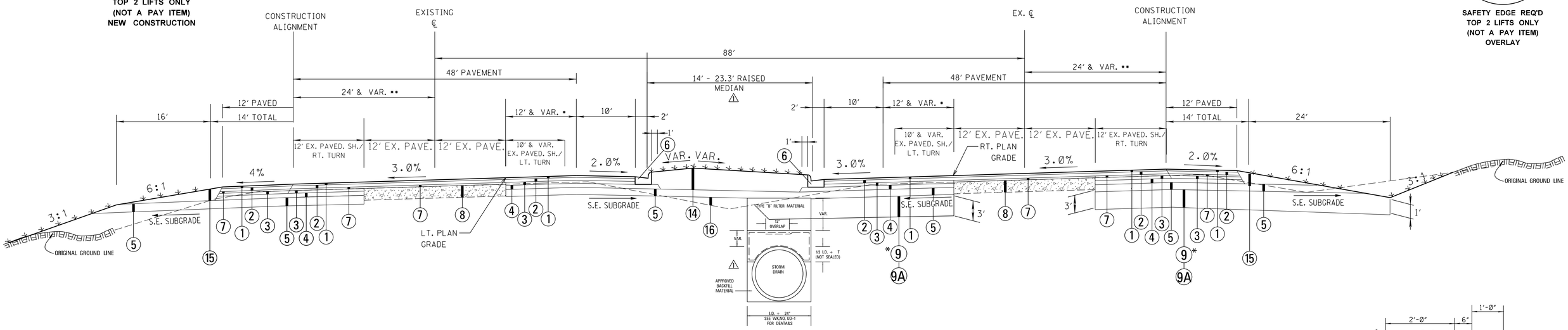
ADDENDUM



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



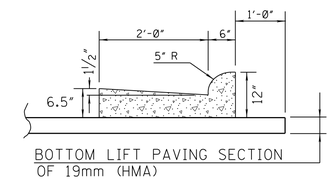
SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY



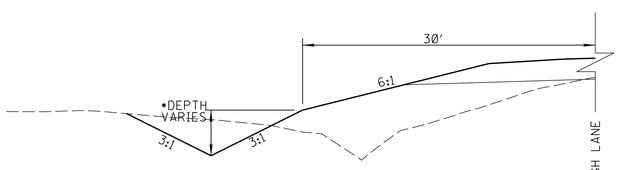
STA. 299+00 to STA. 314+28.16

* VARIES FROM 12' AT STATION 299+00 TO 0' AT STATION 312+00

** VARIES FROM 24' AT STATION 299+00 TO 36' AT STATION 312+00

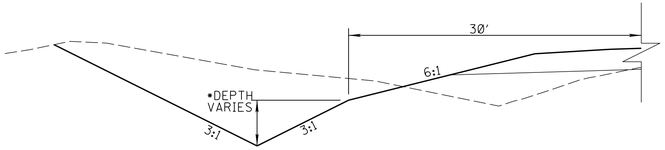


DETAIL OF MODIFIED COMBINATION CURB AND GUTTER (TYPE "3A")



TOE OF FILL DITCH DETAIL

•NOTE: SEE PLAN/PROFILE SHEETS FOR DITCH PROFILE ELEVATIONS



PROFILED CUT DITCH DETAIL

•NOTE: SEE PLAN/PROFILE SHEETS FOR DITCH PROFILE ELEVATIONS

New Lane, Inside Shoulder, and Outside Shoulder

1. 1.50" SMA (9.5 mm Mixture) (1 @ 1.5)
2. 2.50" SMA (12.5 mm Mixture) (1 @ 2.5)
3. 2.50" Asphalt Pavement, HT (12.5 mm Mixture) (1 @ 2.5)
4. 3.50" Asphalt Pavement, ST (19 mm Mixture) (1 @ 3.5)
5. 6.00" Crushed Stone w/Geotextile Fabric Type V (Non–woven) 16.00" Structure Thickness
6. Modified Type '3A' Combination Curb and Gutter (See Detail)
7. 2.50" & variable Asphalt Pavement, HT (12.5 mm Mixture) Leveling Lift
9. 3 ft. Undercut of High Volume Change Soil (HVC)*
9A. Class B–15 Borrow Material Backfill
14. B9–6 Borrow Material
15. 11.50" & variable Shoulder Granular (5/E)
16. Unclassifed

Mainline Overlay

1. 1.50" SMA (9.5 mm Mixture) (1 @ 1.5)
2. 2.50" SMA (12.5 mm Mixture) (1 @ 2.5)
7. 2.50" & variable Asphalt Pavement, HT (12.5 mm Mixture) Leveling Lift
8. Existing Concrete Pavement to Remain

* HVC Undercut Limits: Sta. 308+00 – Sta. 314+00 NORTHBOUND

Indicates area to be treated in accordance with the vegetation schedule. See WK. SH. No. VS–1

DATE	REVISION	BY
8/12/15	REMOVED NOTE REF. AND MOVED DRAIN	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SR-25

STA. 299+00 TO STA. 314+00

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME:
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER TS-3

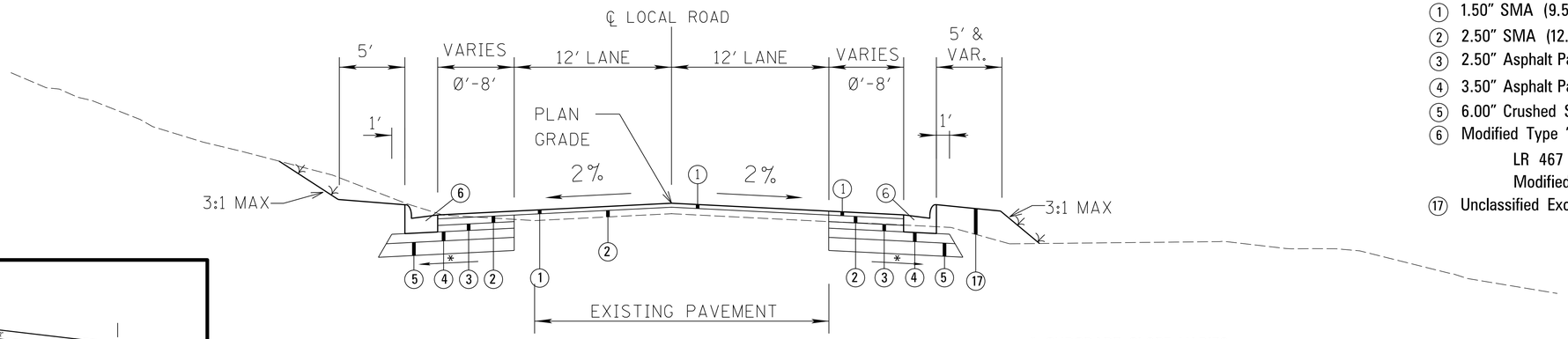
SHEET NUMBER 11

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 7:35 AM TYP.DGN

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

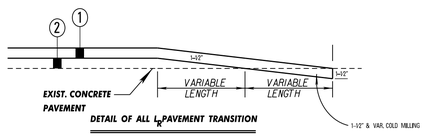
ADDENDUM



* SUBGRADE SLOPE VARIES FROM 2% – 4%

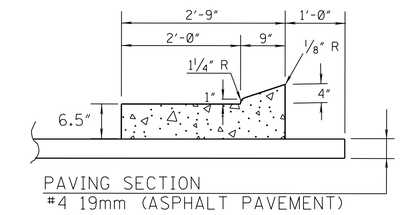
CURB & GUTTER 2-LANE

1. 1.50" SMA (9.5 mm Mixture) (1 @ 1.5)
2. 2.50" SMA (12.5 mm Mixture) (1 @ 2.5)
3. 2.50" Asphalt Pavement, HT (12.5 mm Mixture) (1 @ 2.5)
4. 3.50" Asphalt Pavement, ST (19 mm Mixture) (1 @ 3.5)
5. 6.00" Crushed Stone w/Geotextile Fabric Type V (Non–woven)
6. Modified Type "2" Combination Curb And Gutter (See Detail A)
   LR 467 Plaza Drive –
   Modified Type "1" Combination Curb And Gutter (See Detail B)
17. Unclassified Excavation Material



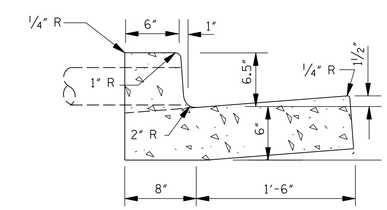
1. 1.50" Asphalt Pavement, SMA (9.5 mm Mixture) (1 @ 1.5)
2. 2.50" Asphalt Pavement, SMA (12.5 mm Mixture) (1 @ 2.5)

LR261	LAKELAND PARKWAY - STA. 20+24 to STA. 20+88.80
LR342	DOGWOOD PLACE - STA. 18+03.39 to STA. 18+68.96
LR351	LAFAYETTE LANE - STA. 18+20 to STA. 18+88 / STA. 20+23.21 to STA. 21+00.25
LR359	LIBERTY PARK COURT - STA. 18+14.79 to STA. 18+76.35 / STA. 20+34.10 to STA. 20+67.58
1 LR379	LAKELAND BLVD. - STA. 20+38.43 to STA. 21+10.04
LR390	FRONTAGE ACCESS - STA. 20+34 to STA. 21+15.28
1 LR467	PLAZA DRIVE - STA. 17+85.05 to STA. 18+54.75 / STA. 20+59.90 to 21+57.66



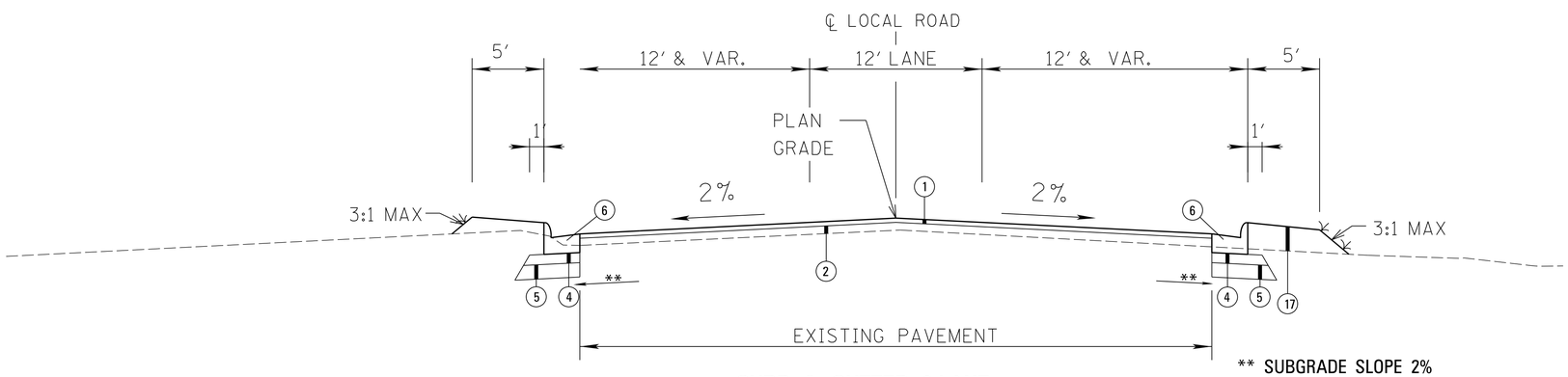
DETAIL OF MODIFIED COMBINATION CURB AND GUTTER (TYPE "2")

DETAIL A



DETAIL OF MODIFIED COMBINATION CURB AND GUTTER (TYPE "1")

DETAIL B



** SUBGRADE SLOPE 2%

CURB & GUTTER 3-LANE

LR477	ALBERTSON DRIVE - STA. 18+00 to STA. 18+12.52 / STA. 20+83.37 to STA. 21+10
1 *LR428	WIRTZ ROAD - STA. 16+10.36 to STA. 18+17.93 / STA. 21+09.42 to STA. 21+65.74

***SEE PMD-20 FOR LANE DETAILS**

NOTE: LEVELING WEDGE AND TRANSITION NOT SHOWN BUT MAY BE REQUIRED.

Indicates area to be treated in accordance with the vegetation schedule. See WK. SH. No. VS–1

7 12
ANGLE OF REPOSE PERMITTED

DATE	REVISION	BY
8/12/15	EDITED STATIONING	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

LOCAL ROADS 2-LANE & 3-LANE CURB & GUTTER

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER TS-5

SHEET NUMBER 13

FILENAME:
DESIGN TEAM TAYLOR CHECKED DATE

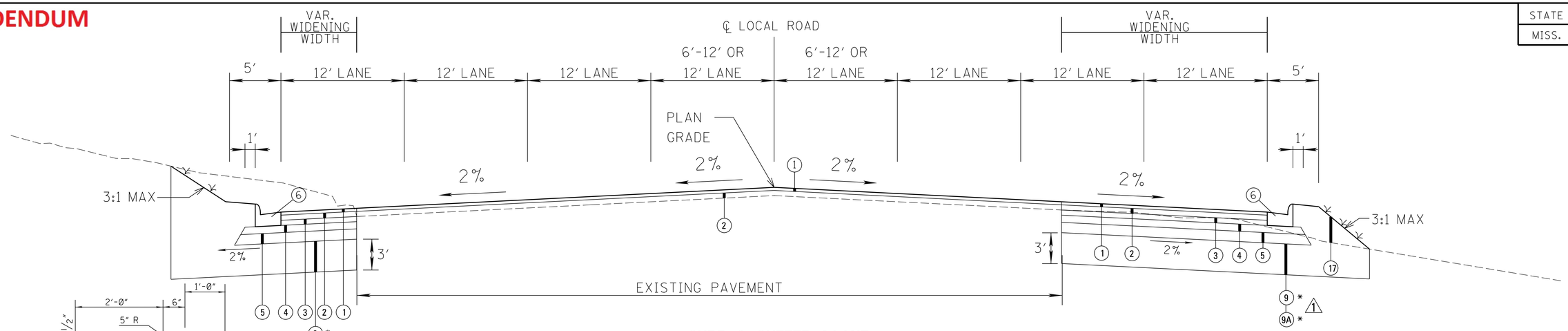
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 10:27AM TYP.DGN

FMS CON: 104101/301000

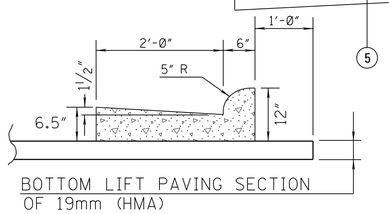
STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



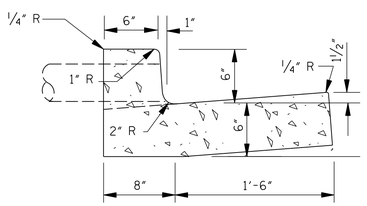
CURB & GUTTER 8-LANE

LR314 OLD FANNIN ROAD - STA. 17+07.39 TO STA. 18+14.00 / STA. 21+44.58 TO STA. 22+01.31



DETAIL OF MODIFIED COMBINATION CURB AND GUTTER (TYPE "3A")

DETAIL A

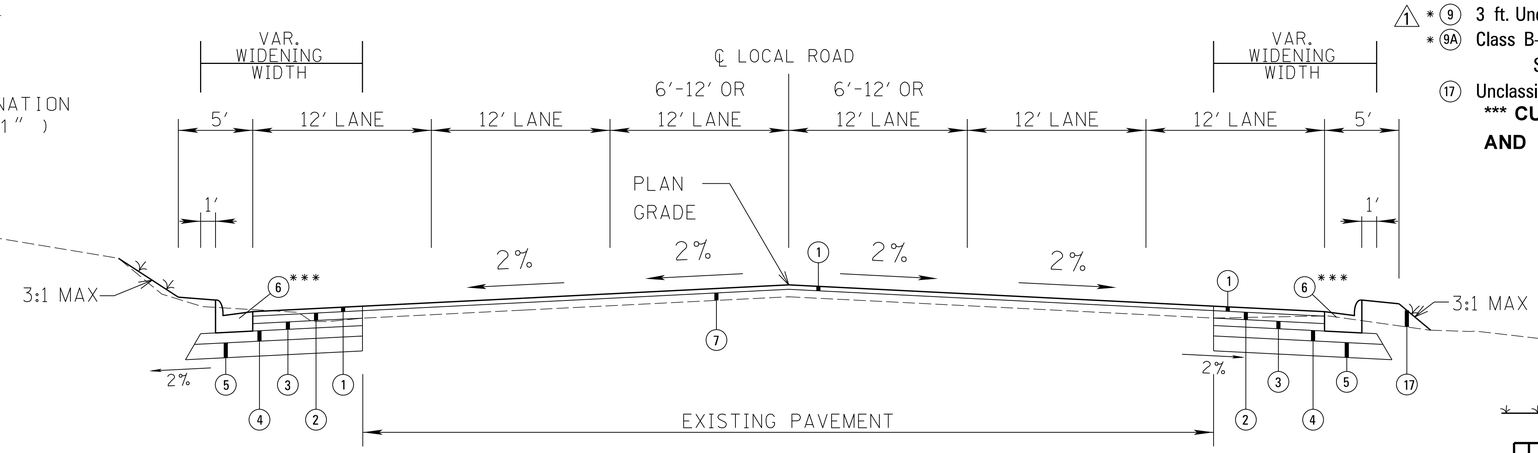


DETAIL OF MODIFIED COMBINATION CURB AND GUTTER (TYPE "1")

DETAIL B

1. 1.50" SMA (9.5 mm Mixture) (1 @ 1.5)
2. 2.50" SMA (12.5 mm Mixture) (1 @ 2.5)
3. 2.50" Asphalt Pavement, HT (12.5 mm Mixture) (1 @ 2.5)
4. 3.50" Asphalt Pavement, ST (19 mm Mixture) (1 @ 3.5)
5. 6.00" Crushed Stone w/Geotextile Fabric Type V (Non–woven)
6. *** Combination Curb And Gutter
   - LR 314 Old Fannin – Modified Type "3A" (See Detail A)
   - LR 369 Luckney Road – Modified Type "3A" (See Detail A)
   - LR 448 Lakeland Place – Modified Type "1" (See Detail B)
7. 1.50" & Variable Asphalt Pavement, HT (12.5 mm Mixture) Leveling Lift
9. * 3 ft. Undercut of High Volume change Soil (HVC) (1)
9A. * Class B–15 Borrow Material Backfill
   Sta. 17 + 07.39 to 18 + 14.00
17. Unclassified Excavation Material

***** CURB LOCATION VARIES. SEE PLAN/PROFILE AND CROSS SECTIONS.**



CURB & GUTTER 5-6 LANE

(2) LR 369 LUCKNEY ROAD - 17+96.34 TO 18+46.26 / 20+62.24 TO 21+06.19
LR 448 LAKELAND PLACE - STA. 14+00 TO STA. 18+63.21

Indicates area to be treated in accordance with the vegetation schedule. See WK. SH. No. VS–1

ANGLE OF REPOSE PERMITTED

DATE	REVISION	BY
8/12/15	EDITED STATIONING	JT
7/20/15	ADDED HVC UNDERCUT LIMITS	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

LOCAL ROADS
5-6-LANE & 8-LANE
CURB & GUTTER

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER TS-6

SHEET NUMBER 14

FILENAME:
DESIGN TEAM TAYLOR CHECKED DATE

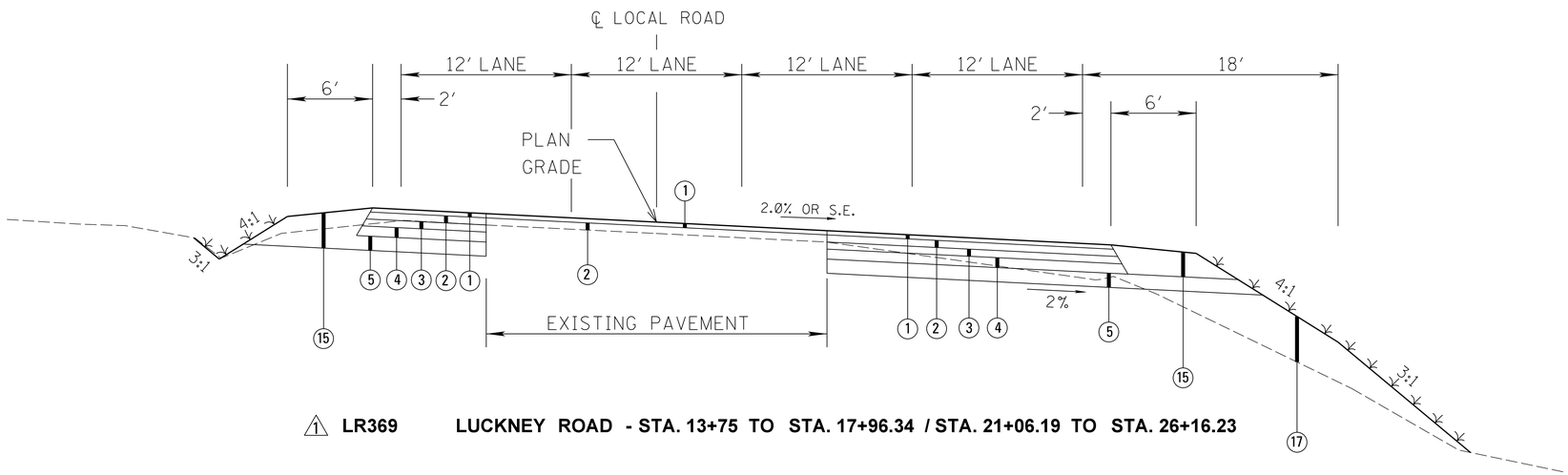
PLAN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 4:31 PM TYP.DGN

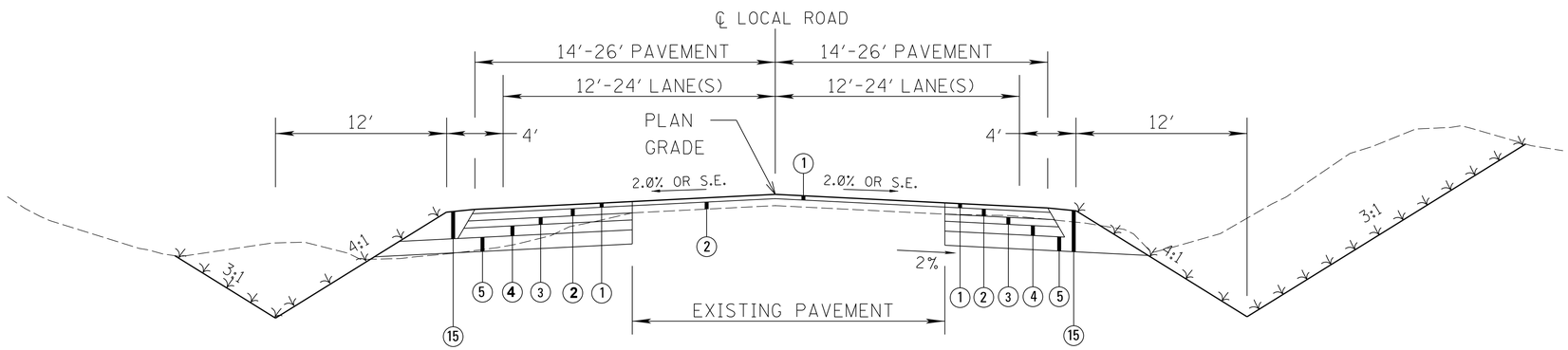
FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



△1 **LR369 LUCKNEY ROAD - STA. 13+75 TO STA. 17+96.34 / STA. 21+06.19 TO STA. 26+16.23**



OPEN SHOULDER 2-LANE

LR411 COOPER ROAD - STA. 16+00 TO STA. 17+36.26
LR411 MANSHIP ROAD - STA. 21+42.28 TO STA. 23+00
△1 **LR428 WIRTZ ROAD - STA. 21+65.74 TO STA. 23+62.50**

1. 1.50" SMA (9.5 mm Mixture) (1 @ 1.5)
2. 2.50" SMA (12.5 mm Mixture) (1 @ 2.5)
3. 2.50" Asphalt Pavement, HT (12.5 mm Mixture) (1 @ 2.5)
4. 3.50" Asphalt Pavement, ST (19 mm Mixture) (1 @ 3.5)
5. 6.00" Crushed Stone w/Geotextile Fabric Type V (Non–woven)
14. B9–6 Borrow Material
15. 10.00" & variable Shoulder Granular (5/E)
17. Unclassified Excavation Material

NOTE: LEVELING WEDGE AND TRANSITION NOT SHOWN BUT MAY BE REQUIRED.

Indicates area to be treated in accordance with the vegetation schedule. See WK. SH. No. VS–1

7 12
ANGLE OF REPOSE PERMITTED

DATE	REVISION	BY
8/12/15	EDITED STATIONING	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

LOCAL ROADS
2-LANE
OPEN SHOULDER

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER TS-7

SHEET NUMBER 15

FILENAME:
DESIGN TEAM TAYLOR CHECKED DATE

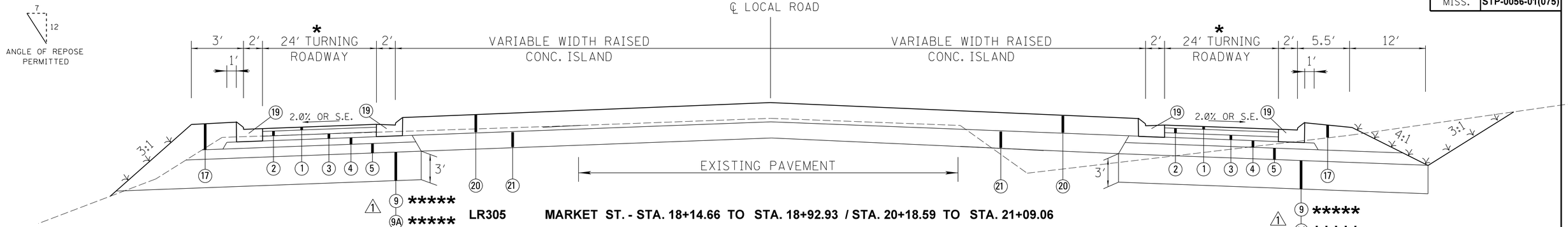
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 4:31 PM TYP. DGN

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

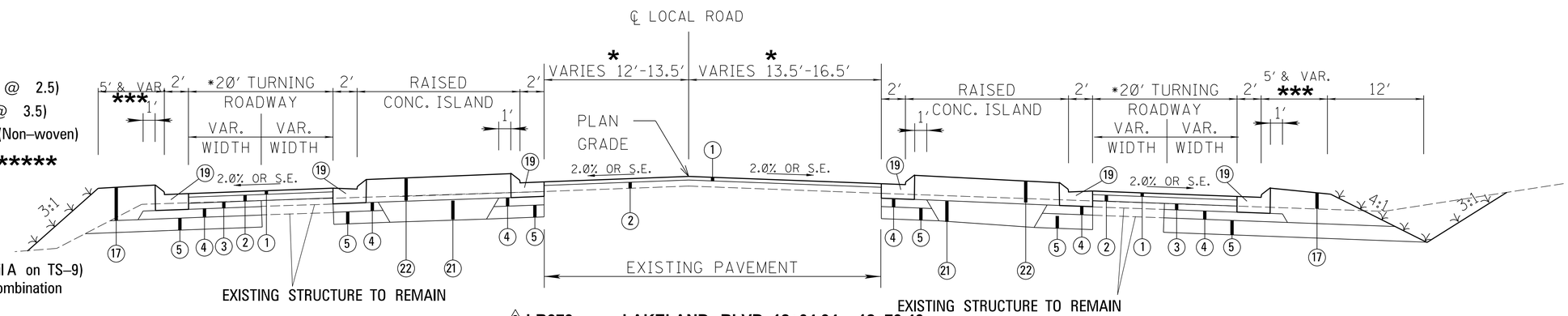
ADDENDUM



LR305 MARKET ST. - STA. 18+14.66 TO STA. 18+92.93 / STA. 20+18.59 TO STA. 21+09.06

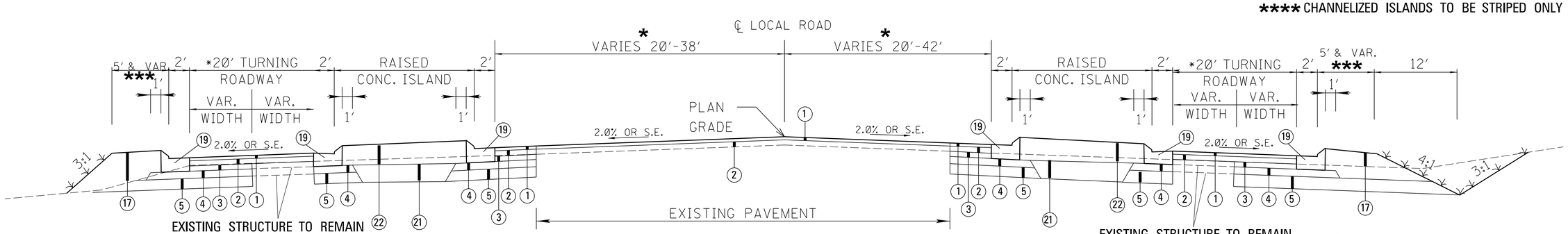
LR323 DOGWOOD AVE. - STA. 18+10.28 TO STA. 18+78.25 / STA. 20+33.91 TO STA. 21+00.92

(1) 1.50″ SMA (9.5 mm Mixture) (1 @ 1.5)
(2) 2.50″ SMA (12.5 mm Mixture) (1 @ 2.5)
(3) 2.50″ Asphalt Pavement, HT (12.5 mm Mixture) (1 @ 2.5)
(4) 3.50″ Asphalt Pavement, ST (19 mm Mixture) (1 @ 3.5)
(5) 6.00″ Crushed Stone w/Geotextile Fabric Type V (Non–woven)
(9) 3 ft. Undercut of High Volume Change Soil (HVC) *****
(9A) Class B–15 Borrow Material Backfill *****
(1) LR323 Dogwood Ave. Sta. 18+10.28 to 18+78.25
(17) Unclassified Excavation
(19) Type "2" Combination Curb And Gutter (See Detail A on TS–9) LR 314 Old Fannin – Modified Type "3A" Combination Curb And Gutter (See Detail B on TS–9)
(21) B9–6 Borrow Material
(22) 10″ Median Island Pavement



(2) LR379 LAKELAND BLVD. 18+04.94 - 18+73.40
(2) LR438 LAKELAND HEIGHTS BLVD. 17+49.80 - 18+73.49

* WIDTHS VARY. SEE INTERSECTION DETAIL SHEETS.
** SEE TS–9 FOR RAISED MEDIAN DETAILS.
*** SEE CROSS SECTIONS.
**** CHANNELIZED ISLANDS TO BE STRIPED ONLY



Indicates area to be treated in accordance with the vegetation schedule. See WK. SH. No. VS–1

LR286 RIDGE WAY - STA. 20+23 - 21+24.80
LR296 LAUREL PARK DR. - STA. 18+01.63 - 18+92.04
LR296 LAKELAND COMMONS DR. - STA. 20+31.47 - STA. 21+44.58
LR314 OLD FANNIN RD. - STA. 18+14 - STA. 18+79.05 / STA. 20+31.47 - STA. 21+44.58
(2) LR333 DOGWOOD FESTIVAL DR. - STA. 17+94.78 - 18+88.37 / STA. 20+32.11 - STA. 21+11.56****
LR342 DOGWOOD PL. - STA. 20+35.98 to STA. 20+86.04
(2) LR369 LUCKNEY RD. - STA. 18+46.26 - STA. 18+83.57 / STA. 20+25.34 - STA. 20+62.24
LR411 COOPER RD. - STA. 17+36.26 - STA. 18+66.41
LR411 MANSHIP RD. - STA. 20+38.22 - STA. 21+42.28

(2) LR420 LOCAL RD. 420 - STA. 18+00 - 18+80.79 / STA. 20+32.02 - STA. 20+46.25
(2) LR428 WIRTZ RD. - STA. 18+17.93 - STA. 18+81.17 / STA. 20+20.74 - STA. 21+09.42
LR448 LAKELAND PL. STA. 18+63.21 - STA. 18+77.00
LR448 HUGH WARD BLVD. - STA. 20+31.70 - 20+34.99**
LR458 PRIMOS RD. - STA. 17+74.89 - 18+79.93
(2) LR467 PLAZA DR. - 18+54.75 - 18+81.77 / 20+32.23 - 20+59.90
LR477 ALBERTSON DR. - STA. 18+12.52 - STA. 18+73.77
LR487 CASTLEWOODS / GRANTS FERRY** STA. 18+30.53 - STA. 18+78.27
STA. 20+34.62 - STA. 20+50.81

DATE	REVISION	BY
8/12/15	EDITED STATIONING	JT
7/20/15	ADDED HVC UNDERCUT LIMITS	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

LOCAL ROADS CURB & GUTTER

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME:
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER TS-8

SHEET NUMBER 16

PLAN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 10:29AM TYP. DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL	
	*** EARTHWORK ITEMS ***				
907-201-C001	RANDOM CLEARING AND GRUBBING	STA	108		
202-A001	REMOVAL OF OBSTRUCTIONS	LS	100%		1
202-B005	REMOVAL OF ASPHALT PAVEMENT, ALL DEPTHS	SY	48,707		2
202-B017	REMOVAL OF CONCRETE COMBINATION CURB & GUTTER	LF	23,164		
202-B025	REMOVAL OF CONCRETE PAVED DITCH	SY	3,338		
202-B030	REMOVAL OF CONCRETE PAVEMENT, ALL DEPTHS	SY	175		
202-B042	REMOVAL OF FLARED END SECTION, ALL SIZES	EA	66		2
202-B057	REMOVAL OF INLETS, ALL SIZES	EA	18		2
202-B064	REMOVAL OF PIPE, 8" AND ABOVE	LF	930		2
202-B070	REMOVAL OF SIGN INCLUDING POST & FOOTING	EA	260		3
202-B076	REMOVAL OF TRAFFIC STRIPE	LF	2,778		
202-B087	REMOVAL OF GUARD RAIL, INCLUDING RAILS, POSTS AND TERMINAL ENDS	LF	1,200		4
					2
202-B216	REMOVAL OF ISLAND PAVEMENT, ALL TYPES	SY	4,425		5
203-A003	UNCLASSIFIED EXCAVATION, FM, AH	CY	80,265		
203-EX029	BORROW EXCAVATION, AH, FME, CLASS B15	CY	12,714		
203-EX035	BORROW EXCAVATION, AH, FME, CLASS B9-6	CY	81,159		
203-G003	EXCESS EXCAVATION, FM, AH	CY	10,171		
206-A001	STRUCTURE EXCAVATION	CY	2,276		11 2
206-B001	SELECT MATERIAL FOR UNDERCUTS, CONTRACTOR FURNISHED, FM	CY	44		2
	*** ROADSIDE DEVELOPMENT ***				
209-A004	GEOTEXTILE STABILIZATION, TYPE V, NON-WOVEN	SY	343,732		
211-B001	TOPSOIL FOR SLOPE TREATMENT, CONTRACTOR FURNISHED	CY	1,500		6
213-C001	SUPERPHOSPHATE	TON	64		
907-216-A001	SOLID SODDING	SY	2,641		7 2
217-A001	DITCH LINER	SY	3,174		2
219-A001	WATERING	KGAL	49		
220-A001	INSECT PEST CONTROL	ACRE	64		
221-A001	PORTLAND CEMENT CONCRETE PAVED DITCH	CY	266		8 1 2
223-A001	MOWING	ACRE	1		
224-A001	SOIL REINFORCING MAT	SY	3,176		
907-225-A001	GRASSING	ACRE	132		9
907-225-B001	AGRICULTURAL LIMESTONE	TON	383		
907-225-C001	MULCH, VEGETATIVE MULCH	TON	264		10
907-226-A001	TEMPORARY GRASSING	ACRE	128		
234-A001	TEMPORARY SILT FENCE	LF	52,000		
907-234-D001	INLET SILTATION GUARD	EA	122		2
236-A004	SILT BASIN, TYPE D	EA	11		
907-237-A003	WATTLES, 20"	LF	10,000		

1. BRIDGE #5.3 @ STA. 275+48.74 RT LN, SPANS 1@50', 1@60', 1@50' COLUMNS SHALL BE REMOVED TO EXISTING GROUND LINE OR TO THE INTERSECTION OF THE DETOUR SIDE SLOPE.
2. INCLUDES 4,481 SY FOR REMOVAL OF DETOUR ROAD.
3. ALL EXISTING SIGNS ON THIS PROJECT SHALL BE DELIVERED TO THE MDOT FACILITY AT 363 NORTH HARGON ST., CANTON, MS. ALL SIGN SUPPORTS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
4. INCLUDES GUARD RAIL, BRIDGE END SECTIONS, CABLE ANCHORAGE, AND ALL HARDWARE.
5. INCLUDES REMOVAL OF 4.9' OF EXISTING 8'X6' BOX CULVERT LEFT OF STATION 343+25.
6. ESTIMATED QUANTITY. CONTRACTOR FURNISHED MATERIAL SHALL NOT BE USED UNTIL ALL STOCKPILED TOPSOIL IS EXHAUSTED.
7. INCLUDES 172 SY FOR ISLANDS.
8. INCLUDES 6 C.Y. ESTIMATED FOR APRONS AT MEDIAN INLETS AND 9 C.Y. FOR PAVED FLUMES.
9. INCLUDES 128 ACRES FOR MAINLINE AND 4 ACRES FOR DETOUR ROAD.
10. INCLUDES 255 TONS FOR MAINLINE AND 9 TONS FOR DETOUR ROAD.
11. INCLUDES 189 C.Y. FOR BOX CULVERTS AND 2,087 C.Y. FOR DRAINAGE STRUCTURES.

DATE	REVISION	BY
8/12/15	CHANGED QUANTITIES & FOOTNOTES	JT
7/20/15	ADJUSTED QUANTITY	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER SQ-1

SHEET NUMBER 22

FILENAME: SQS 25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 1:20 PM SQS 25.DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

SUMMARY OF QUANTITIES (SHEET 2)

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL	
	*** ROADSIDE DEVELOPMENT (CONT'D.) ***				
239-A001	TEMPORARY SLOPE DRAINS	LF	2,302		
907-245-A001	TRIANGULAR SILT DIKE	LF	3,000		
907-246-B002	ROCKBAGS	EA	1,500		
907-249-A001	RIPRAP FOR EROSION CONTROL	TON	2,000		
	*** SUBBASES & BASE ITEMS ***				
907-304-B007	GRANULAR MATERIAL, CLASS 5, GROUP E	TON	38,900		1
	ALTERNATIVE ITEMS				
907-304-F002	SIZE 610 CRUSHED STONE BASE	TON	84,800		1
	OR				
907-304-F003	3/4" AND DOWN CRUSHED STONE BASE	TON	84,800		1
	OR				
907-304-F004	SIZE 825B CRUSHED STONE BASE	TON	84,800		1
	*** PAVING ITEMS ***				
907-403-A019	19-MM, ST, ASPHALT PAVEMENT	TON	32,900		
907-403-A027	9.5-MM, HT, ASPHALT PAVEMENT	TON	592		
907-403-A028	12.5-MM, HT, ASPHALT PAVEMENT	TON	27,566		
907-403-AA001	STONE MATRIX ASPHALT, 9.5 MM MIXTURE	TON	33,636		
907-403-AA002	STONE MATRIX ASPHALT, 12.5 MM MIXTURE	TON	51,523		
907-403-B021	12.5-MM, HT, ASPHALT PAVEMENT, LEVELING	TON	48,673		
406-A001	COLD MILLING OF BITUMINOUS PAVEMENT, ALL DEPTHS	SY	36,177		
406-B001	COLD MILLING OF CONCRETE PAVEMENT, ALL DEPTHS	SY	2,846		
907-407-A001	ASPHALT FOR TACK COAT	GAL	52,529		
413-D001	CLEANING AND FILLING JOINTS	LF	5,520		
907-413-E001	SAWING AND SEALING TRANSVERSE JOINTS IN ASPHALT PAVEMENT	LF	8,448		
907-420-A001	UNDERSEALING CONCRETE PAVEMENT	LBS	500		
907-501-A002	6" REINFORCED CEMENT CONCRETE PAVEMENT, BROOM FINISH	SY	172		
501-E001	EXPANSION JOINTS, WITHOUT DOWELS	LF	135		
501-H001	DOWELS, INSTALLED	EA	140		
501-I001	JOINT FILLER, WOODEN BOARD	LF	274		
501-K001	TRANSVERSE GROOVING	SY	343		
502-A001	REINFORCED CEMENT CONCRETE BRIDGE END PAVEMENT	SY	367		
907-503-A001	9" AND VARIABLE REINFORCED CONCRETE PAVEMENT, BROOM FINISH	SY	175		1
503-C007	SAW CUT, FULL DEPTH	LF	10,951		2
503-D001	CONCRETE FOR BASE REPAIR	CY	15		
503-E002	TIE BARS, NO. 5 DEFORMED DRILLED AND EPOXIED OR GROUTED	EA	462		3
512-A001	HOLES	EA	50		
907-512-B006	PORTLAND CEMENT PRESSURE GROUT SLURRY, TYPE 6	LBS	5,000		1

1. INCLUDES A 20% INCREASE FROM CALCULATED QUANTITY.
2. INCLUDES 928 L.F. FOR DIRECTIONAL ISLANDS , 9,293 L.F. FOR CHANNELIZED ISLANDS, AND 50 L.F. OF 1" SAW CUT AT EXISTING BRIDGE END PAVEMENT.
3. INCLUDES 306 FOR PUNCHOUTS AND 156 FOR EXTENSION OF BRIDGE END PAVEMENT. (SEE TS-14.)

DATE	REVISION	BY
8/12/15	CHANGED PAY ITEM NUMBER & QTY.	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER SQ-2

SHEET NUMBER 23

FILENAME: SQS 25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/10/2015 3:40 PM SQS 25.DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

SUMMARY OF QUANTITIES (SHEET 3)

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL
	*** DRAINAGE ITEMS ***			
907-601-A001	CLASS "B" STRUCTURAL CONCRETE	CY	113	
907-601-B003	CLASS "B" STRUCTURAL CONCRETE, MINOR STRUCTURES	CY	441	
602-A001	REINFORCING STEEL	LBS	62,750	
603-CA001	15" REINFORCED CONCRETE PIPE, CLASS III	LF	96	
603-CA002	18" REINFORCED CONCRETE PIPE, CLASS III	LF	6,712	
603-CA003	24" REINFORCED CONCRETE PIPE, CLASS III	LF	1,408	
603-CA004	30" REINFORCED CONCRETE PIPE, CLASS III	LF	72	
603-CA005	36" REINFORCED CONCRETE PIPE, CLASS III	LF	176	
603-CA006	42" REINFORCED CONCRETE PIPE, CLASS III	LF	32	
603-CA007	48" REINFORCED CONCRETE PIPE, CLASS III	LF	264	
603-CA087	12" REINFORCED CONCRETE PIPE, CLASS III	LF	88	
603-CA107	24" REINFORCED CONCRETE PIPE, CLASS V, JACKED OR BORED	LF	304	
603-CA126	18" REINFORCED CONCRETE PIPE, CLASS V, JACKED OR BORED	LF	168	
603-CB001	18" REINFORCED CONCRETE END SECTION	EA	43	
603-CB002	24" REINFORCED CONCRETE END SECTION	EA	16	
603-CB003	30" REINFORCED CONCRETE END SECTION	EA	3	
603-CB004	36" REINFORCED CONCRETE END SECTION	EA	11	
603-CB005	42" REINFORCED CONCRETE END SECTION	EA	2	
603-CB006	48" REINFORCED CONCRETE END SECTION	EA	6	
603-CB011	12" REINFORCED CONCRETE END SECTION	EA	1	
603-CB014	15" REINFORCED CONCRETE END SECTION	EA	1	
603-CE003	36" X 23" CONCRETE ARCH PIPE, CLASS A III	LF	16	
603-CF003	36" X 23" CONCRETE ARCH PIPE END SECTION	EA	1	
907-603-PE205	18" CORRUGATED POLYETHYLENE PIPE	LF	160	
603-SB003	18" BRANCH CONNECTIONS, STUB INTO CONCRETE BOX CULVERT	EA	4	
604-A001	CASTINGS	LBS	6,212	
604-B001	GRATINGS	LBS	9,866	
	*** INCIDENTAL CONSTRUCTION ITEMS ***			
606-B005	GUARD RAIL, CLASS A, TYPE 1, 'W' BEAM	LF	925	
606-C003	GUARD RAIL, CABLE ANCHOR, TYPE 1	EA	1	
606-D012	GUARD RAIL, BRIDGE END SECTION, TYPE I	EA	2	
606-E002	GUARD RAIL, TERMINAL END SECTION, FLARED	EA	2	
606-E003	GUARD RAIL, TERMINAL END SECTION, NON-FLARED	EA	1	
609-B001	CONCRETE CURB, HEADER	LF	2,797	
609-D004	COMBINATION CONCRETE CURB AND GUTTER TYPE 3A MODIFIED	LF	14,122	
609-D006	COMBINATION CONCRETE CURB AND GUTTER TYPE 1 MODIFIED	LF	842	
609-D007	COMBINATION CONCRETE CURB AND GUTTER TYPE 2 MODIFIED	LF	20,707	
613-A002	ADJUSTMENT OF CASTINGS, GRATINGS & UTILITY APPURTENANCES	EA	3	
613-D005	ADJUSTMENT OF MANHOLE	EA	2	
615-A015	CONCRETE BRIDGE END BARRIER, 32"	LF	584	
616-A001	CONCRETE MEDIAN AND/OR ISLAND PAVEMENT, 4-INCH	SY	3,345	
616-A003	CONCRETE MEDIAN AND/OR ISLAND PAVEMENT, 10-INCH	SY	2,017	
907-617-A001	RIGHT-OF-WAY MARKER	EA	39	
907-618-A001	MAINTENANCE OF TRAFFIC	LS	100%	

(1)(1) INCLUDES 8 CY TO BE USED FOR SIGN FOOTINGS, 412 CY FOR DRAINAGE STRUCTURES, AND 21 CY FOR JUNCTION BOXES.

(2)(1) INCLUDES 19,854 LB FOR BOX CULVERTS, 38,847 LB FOR DRAINAGE STRUCTURES, AND 4,049 LB FOR JUNCTION BOXES.

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

DATE	REVISION	BY
8/12/15	ADJUSTED QUANTITIES, ADDED/DELETED PAY ITEMS	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: SQS 25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER SQ-3

SHEET NUMBER 24

FLN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 1:30 PM SQS 25.DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

SUMMARY OF QUANTITIES (SHEET 4)

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL
	*** TRAFFIC CONTROL ITEMS ***			
619-A1004	TEMPORARY TRAFFIC STRIPE, CONTINUOUS WHITE, PAINT	MI	15	
619-A1005	TEMPORARY TRAFFIC STRIPE, CONTINUOUS WHITE, TYPE 1 OR 2 TAPE	LF	364	
619-A2004	TEMPORARY TRAFFIC STRIPE, CONTINUOUS YELLOW, PAINT	MI	12	
619-A2005	TEMPORARY TRAFFIC STRIPE, CONTINUOUS YELLOW, TYPE 1 OR 2 TAPE	LF	364	
619-A3003	TEMPORARY TRAFFIC STRIPE, SKIP WHITE, TYPE 1 OR 2 TAPE	LF	364	
619-A3007	TEMPORARY TRAFFIC STRIPE, SKIP WHITE, PAINT	MI	33	
619-A5002	TEMPORARY TRAFFIC STRIPE, DETAIL, PAINT	LF	206,113	
619-A6003	TEMPORARY TRAFFIC STRIPE, LEGEND, PAINT	LF	8,454	
619-A6004	TEMPORARY TRAFFIC STRIPE, LEGEND, PAINT	SF	9,688	
619-C6001	RED-CLEAR REFLECTIVE HIGH PERFORMANCE RAISED MARKER	EA	1,481	
619-D1001	STANDARD ROADSIDE CONSTRUCTION SIGNS, LESS THAN 10 SQUARE FEET	SF	575	
619-D2001	STANDARD ROADSIDE CONSTRUCTION SIGNS, 10 SQUARE FEET OR MORE	SF	965	
619-D3001	REMOVE AND RESET SIGNS, ALL SIZES	EA	16	
907-619-E3001	CHANGEABLE MESSAGE SIGN	EA	4	
619-F1001	CONCRETE MEDIAN BARRIER, PRECAST	LF	830	
619-F2001	REMOVE AND RESET CONCRETE MEDIAN BARRIER, PRECAST	LF	780	
619-G4001	BARRICADES, TYPE III, SINGLE FACED	LF	96	
619-G5001	FREE STANDING PLASTIC DRUMS	EA	774	
619-G7001	WARNING LIGHTS, TYPE "B"	EA	24	
619-J1005	IMPACT ATTENUATOR, 45 MPH	UNIT	2	
619-J2001	IMPACT ATTENUATOR, 45 MPH, REPLACEMENT PACKAGE	UNIT	1	
907-619-J3001	REMOVE AND RESET IMPACT ATTENUATOR	EA	2	
620-A001	MOBILIZATION	LS	100%	
907-622-B001	ENGINEER'S FIELD OFFICE BUILDING, TYPE 2 LO	EA	1	
	*** PAVEMENT MARKING ITEMS ***			
907-626-A005	6" THERMOPLASTIC DOUBLE DROP TRAFFIC STRIPE, SKIP WHITE	MI	20	
907-626-B006	6" THERMOPLASTIC DOUBLE DROP TRAFFIC STRIPE, CONTINUOUS WHITE	MI	1	
907-626-C003	6" THERMOPLASTIC DOUBLE DROP EDGE STRIPE, CONTINUOUS WHITE	MI	7	
907-626-E006	6" THERMOPLASTIC DOUBLE DROP TRAFFIC STRIPE, CONTINUOUS YELLOW	MI	2	
907-626-F003	6" THERMOPLASTIC DOUBLE DROP EDGE STRIPE, CONTINUOUS YELLOW	MI	5	
907-626-G006	THERMOPLASTIC DOUBLE DROP DETAIL STRIPE, WHITE	LF	122,702	
907-626-G007	THERMOPLASTIC DOUBLE DROP DETAIL STRIPE, YELLOW	LF	29,422	
907-626-H009	THERMOPLASTIC DOUBLE DROP LEGEND, WHITE	LF	7,946	
907-626-H010	THERMOPLASTIC DOUBLE DROP LEGEND, WHITE	SF	8,042	
627-K001	RED-CLEAR REFLECTIVE HIGH PERFORMANCE RAISED MARKERS	EA	4,378	
627-L001	TWO-WAY YELLOW REFLECTIVE HIGH PERFORMANCE RAISED MARKERS	EA	444	
629-A005	VEHICULAR IMPACT ATTENUATOR, 55 MPH	EA	2	
629-B001	MEDIAN BARRIER END SECTION	EA	2	

△1 ① TO BE USED AS DIRECTED BY THE ENGINEER.

①△1

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△1

DATE	REVISION	BY
8/12/15	ADDED ITEM & FOOTNOTE, DELETED ITEM	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER SQ-4

SHEET NUMBER 25

FILENAME: SQS 25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 9:28 AM SQS 25.DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

SUMMARY OF QUANTITIES (SHEET 6)

PAY ITEM NO.	PAY ITEM	UNIT	PRELIMINARY	FINAL	
	*** TRAFFIC SIGNALS AND ITS (CONT'D.) ***				
646-A001	REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT	LS	100%		
647-A002	PULLBOX, TYPE 3	EA	12		
647-A003	PULLBOX, TYPE 4	EA	25		1 2 3
647-A004	PULLBOX, TYPE 5	EA	22		2 3 4 5
647-A005	PULLBOX, TYPE 2	EA	41		6 7 8
907-650-A002	ON STREET VIDEO EQUIPMENT, FIXED TYPE	EA	2		2 9
907-650-A003	ON STREET VIDEO EQUIPMENT, PTZ TYPE	EA	4		2 9
907-654-A001	BATTERY BACK-UP SYSTEM	EA	2		
907-657-A001	FIBER OPTIC CABLE, 72 SM	LF	27,460		7 10
907-657-B001	FIBER OPTIC DROP CABLE, 12 SM	LF	4,143		7 11 12
907-658-A005	NETWORK SWITCH, TYPE A	EA	17		13
907-658-B001	TERMINAL SERVER	EA	3		13 14
907-658-C001	CATEGORY 6 CABLE, INSTALLED IN CONDUIT	LF	3,395		
907-659-A001	TRAFFIC MANAGEMENT CENTER MODIFICATIONS	LS	100%		15
907-662-A002	VIDEO ENCODER	EA	1		
666-B016	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 14, 7 CONDUCTOR	LF	185		
666-B028	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, THHN, AWG #6, 3 CONDUCTOR	LF	1,641		16 17
666-B054	ELECTRIC CABLE, UNDERGROUND IN CONDUIT, IMSA 20-1, AWG 14, 8 CONDUCTOR	LF	10,150		
666-C007	ELECTRIC CABLE, AERIAL SUPPORTED, IMSA 20-1, AWG 14, 7 CONDUCTOR	LF	5,377		
666-D019	ELECTRIC CABLE, AERIAL SUPPORTED IN CONDUIT, THHN, AWG #6, 3 CONDUCTOR	LF	963		
668-A018	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 2"	LF	1,164		
668-A020	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, TYPE 4, 3"	LF	325		
668-B024	TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLLED PIPE, 2"	LF	150		
668-B025	TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLLED PIPE, 3"	LF	5,133		
907-668-E001	TRAFFIC SIGNAL CONDUIT BANK, UNDERGROUND, ROLLED PIPE, 2"	LF	35		18 19 20
907-668-E002	TRAFFIC SIGNAL CONDUIT BANK, UNDERGROUND, ROLLED PIPE, 2 @ 2"	LF	7,445		18 19 20 21
907-668-F001	TRAFFIC SIGNAL CONDUIT BANK, UNDERGROUND, DRILLED OR JACKED,ROLLED PIPE, 2"	LF	1,090		19 20 22 23
907-668-F002	TRAFFIC SIGNAL CONDUIT BANK, UNDERGROUND, DRILLED OR JACKED,ROLLED PIPE, 2 @ 2"	LF	23,296		19 20 21 22 23 24
907-668-F003	TRAFFIC SIGNAL CONDUIT BANK, UNDERGROUND, DRILLED OR JACKED,ROLLED PIPE, 3 @ 2"	LF	100		19 20 21 22 23
907-668-G002	TRAFFIC SIGNAL CONDUIT BANK, AERIAL SUPPORTED, TYPE I, 2 @ 2"	LF	50		19 21 25 26
907-670-A001	ITS RADAR DETECTION SYSTEM	EA	3		
907-670-B001	ITS RDS COMM CABLE	LF	50		26 27
907-672-A002	REMOVE AND RESET ITS EQUIPMENT	EA	6		28
907-673-A001	TRAFFIC SIGNAL CONTROLLER UNIT, FIBER READY	EA	2		
907-673-B002	MALFUNCTION MANAGEMENT UNIT, 16-CHANNEL	EA	2		
907-697-A001	BLUETOOTH DETECTION SYSTEM, TYPE A	EA	9		29
907-699-A002	ROADWAY CONSTRUCTION STAKES	LS	100%		
815-A009	LOOSE RIPRAP, SIZE 300	TON	1,680		30
815-E001	GEOTEXTILE UNDER RIPRAP	SY	408		1
907-815-F001	SEDIMENT CONTROL STONE	TON	315		

1. INCLUDES ONE TO BE USED FOR TRAFFIC SIGNALS AND 24 FOR ITS.
2. REFER TO SPECIAL PROVISION 907-650.
3. TO BE USED IN CONJUNCTION WITH FIBER OPTIC AND OTHER COMMUNICATION CABLES.
4. INCLUDES ONE TO BE USED FOR TRAFFIC SIGNALS AND 21 FOR ITS.
5. SPLICE CLOSURES TO ONLY BE INSTALLED INSIDE TYPE 5 PULL BOXES (COST ABSORBED). SEE PLANS AND DETAILS FOR SPLICE LOCATIONS.
6. INCLUDES 35 TO BE USED FOR TRAFFIC SIGNALS AND 6 FOR ITS.
7. REFER TO SPECIAL PROVISION 907-657.
8. TO BE USED IN CONJUNCTION WITH ELECTRIC CABLE AND CONDUIT FOR POWER FEEDS.
9. SHALL BE DIGITAL (IP) TYPE CAMERAS PER PROJECT SPECIFICATIONS. INCLUDES ALL EQUIPMENT NECESSARY FOR COMPLETE & OPERABLE UNIT.
10. SHOWN ON THE PLANS AS F.O. CABLE.
11. SHOWN ON THE PLANS AS F.O. DROP.
12. INCLUDES 268 TO BE USED FOR TRAFFIC SIGNALS AND 3875 FOR ITS.
13. REFER TO SPECIAL PROVISION 907-658.
14. WHERE TERMINAL SERVER AND NETWORK SWITCH LOCATED IN THE SAME CABINET, THE CONTRACTOR MAY PROVIDE NETWORK SWITHCH WITH INTEGRATED TERMINAL SERVER SERIAL PORT IN LIEU OF A SEPARATE TERMINAL SERVER DEVICE. SEE NTB ENTITLED "CABINET MODIFICATIONS" FOR DETAILS.
15. REFER TO NTB ENTITLED "TRAFFIC MANAGEMENT CENTER MODIFICATIONS".
16. INCLUDES 591 TO BE USED FOR TRAFFIC SIGNALS AND 1050 FOR ITS.
17. POWER CABLE FROM THE ELECTRICAL DEMARCATION TO THE FIELD CABINET. COST OF ELECTRICAL SERVICE POINT (POWER FEED, METER BASE, BREAKER, POLE, TRANSFORMERS, ETC.) TO BE ABSORBED IN THESE PAY ITEMS. CHARGES FROM THE UTILITY FOR SERVICE SHALL ALSO BE ABSORBED UNTIL THE PROJECT IS ACCEPTED.
18. INSTALLATION MAY BE BY TRENCHING, PLOWING OR BORING AT CONTRACTOR'S DISCRETION. BID PRICE SHALL BE THE SAME REGARDLESS OF WHICH INSTALLATION METHOD IS USED.
19. REFER TO SPECIAL PROVISION 907-668.
20. SEEDING OF DISTRUBED AREAS TO BE ABSORBED UNDER THESE PAY ITEMS. CONTRACTOR TO BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING VEGETATIVE GROWTH UNTIL PROJECT IS ACCEPTED OR AS DIRECTED BY ENGINEER.
21. CONDUIT BANK INCLUDES MULTIPLE CONDUITS. MEASUREMENT IS PER LINEAR FOOT OF BANK. SEPARATE PAYMENT IS NOT MADE FOR EACH CONDUIT.
22. SHOWN ON PLANS AS (BORED). DRILLED OR JACKED CONDUIT SHALL BE INSTALLED AT A MINIMUM DEPTH OF 5 FEET UNLESS SHOWN OTHERWISE IN PLANS.
23. THE BID PRICE FOR DRILLED OR JACKED CONDUIT SHALL ONLY APPLY TO LOCATIONS WHERE CONDUIT IS DESIGNATED ON PLANS AS (BORED).
24. INCLUDES 256 TO BE USED FOR TRAFFIC SIGNALS AND 23,040 FOR ITS.
25. THIS CONDUIT IS A STRUCTURE-ATTACHED CONDUIT, AND INCLUDES ALL HANGERS, EXPANSION ASSEMBLIES AND SURFACE MOUNTED PULL-BOXES. REFER TO WK. NOS ASC-1 AND ASC-2 FOR ADDITIONAL DETAILS.
26. ACTUAL QUANTITY & PLACEMENT SHALL BE AS DIRECTED BY ENGINEER.
27. MEASUREMENT INCLUDES ONLY HORIZONTAL RUNS CALLED OUT ON PLANS. CABLE LENGTH FROM DETECTOR TO POLE OR GROUND MOUNTED CABINET WILL NOT BE MEASURED FOR SEPARATE PAYMENT, BUT SHALL BE ABSORBED IN ITEM NO. 907-670-A001.
28. INCLUDES 4 FIXED TYPE CAMERAS AND 2 PTZ TYPE CAMERAS.
29. REFER TO SPECIAL PROVISION 907-697.
30. INCLUDES 1,660 TONS TO BE USED FOR TYPE D SILT BASINS AND 20 TONS FOR DITCH TREATMENT.

DATE	REVISION	BY
8/12/15	CHANGED QUANTITY	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER SQ-6

SHEET NUMBER 27

FILENAME: SQS 25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 1:36 PM SQS 25.DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

REMOVAL OF PIPES & FLARED END SECTIONS

WK. SH. NO.	STATION	DIAMETER IN INCHES	LINEAR FEET	NO. OF FES	REMARKS
1 1LT	234+02.79	36	44	2	
1 2LT	238+31.14	42	60	2	
1 2LT	243+08.35	36	46	2	
3A	20+66.82	44X27	72	1	
3A	20+72.27	36	66	2	
5LT	285+50.00	18		1	EXTEND MEDIAN DRAIN
5LT	288+21.47	36		1	EXTEND X-DRAIN
6LT	296+19.77	15		1	ABANDONED
6LT	298+52.59	36X23		1	EXTEND MEDIAN DRAIN
6LT	298+63.21	18	8		
6B	18+61.49	18		2	EXTEND L.R. X-DRAIN
7LT	311+62.73	42		1	
7RT	311+62.73	42		1	
7A	18+37.81 RT.	18	10		CONNECT TO SS-2
7A	18+41.00 LT.	18	12		CONNECT TO SS-2
7B	18+65.00	30		1	
8LT	333+79.87	18	4	1	
8A	18+61.86	12		1	
8A	20+66.07	18		1	
9LT	343+50.00	18	6	1	
9LT	348+55.00	24		1	
9LT	351+98.61	18		1	
9RT	348+55.00	24		1	
9A	20+81.25	18		2	
9B	20+61.63	18		1	
10LT	359+95.78	18		2	
10LT	362+58.86	18		1	
10A	18+69.59 LT.	18	7		
10A	18+69.59 RT.	18	5	1	
10A	20+41.33	18		2	
10RT	355+99.00	18		1	
10RT	362+58.86	18		1	
11LT	377+19.00	36		1	
11LT	178+96.24	18		1	
11RT	377+19.00	36		1	
11RT	378+96.00	18		1	
11A	18+60.94	18		2	
12LT	386+23.82	36		1	
12LT	393+22.00	36		1	

REMOVAL OF PIPES & FLARED END SECTIONS

WK. SH. NO.	STATION	DIAMETER IN INCHES	LINEAR FEET	NO. OF FES	REMARKS
12RT	386+23.83	36		1	
12RT	393+22.00	36		1	
12A	20+51.78	18		2	
13LT	399+97.59	18		1	
13LT	403+97.00	18		1	
13LT	412+96.00	24		1	
13RT	412+96.00	24		1	
13A	20+51.13	18		2	
1 13B	20+27.18	12		1	
1 13B	20+91.00	15	10	1	
14LT	415+50.35	36		1	
14RT	415+50.35	36		1	
14A	17+72.55 LT	18	20		
14A	17+72.55 RT	18	12		
1 15RT	440+25.27	18	38		
15A	17+55.72	30	8		
15A	18+02.62	48		1	
15A	18+17.66	18	8		
16A	20+73.80	18		2	
17LT	466+91.83	18	7		
17A	20+86.21	18		1	
18LT	477+68.18	18		2	
18RT	480+57.56	30	7	1	
18A	18+61.41	15		1	
DDLT-1	253+00.00	18	4		
DDLT-3	262+00.00	18	3		
DDLT-9	298+60.00	36 X 23	12		
DDLT-10	308+85.00	18	9		
DDLT-12	17+75.00	18	20		
DDRT-12	17+71.89	18	1		
DDLT-13	14+93.12	15	15		
DDLT-13	16+64.41	24	19		
DDRT-13	15+02.00	12	9		
DDRT-13	17+50.00	15	3		
DDRT-14	22+10.37	18	4		
DDRT-14	21+66.77	18	4		
DDLT-15	25+35.32	24	55		
DDLT-15	22+11.38	24	131		
DDLT-15	21+71.72	18	74		
DDRT-15	25+62.70	18	61		
DDRT-15	26+92.61	18	56		
UNITS			LIN. FT.	EACH	
TOTALS			930	66	
			1	1	

REMOVAL OF ISLAND PAVEMENT

WK. SH. NO.	STATION TO STATION		S.Y.	SCAWT	REMARKS
1RT	234+00.06	234+33.59	50	220.2	LR234 EAST
1LT	233+79.48	234+26.48	0	217.5	*LR234 WEST
2LT	242+85.69	243+28.58	0	212.9	*LR 243
5B	20+23.03	20+88.30	22	318	RIDGEWAY
6A	18+22.25	18+92.81	297	292	LAUREL PARK
6A	20+20.19	20+65.64	102	201	LAKELAND COMMONS
6B	17+87.94	18+90.76	139	313	MARKET ST EAST
6B	20+22.01	21+07.58	111	282	MARKET STREET WEST
7A	18+09.06	18+92.52	402	468	OLD FANNIN EAST
7A	20+20.38	21+55.23	1375	762	OLD FANNIN WEST
7B	18+10.28	18+90.47	94	244	LR323 EAST
7B	20+23.75	21+00.57	47	240	LR323 WEST
8A	17+94.70	18+90.65	22	0	DOGWOOD FEST EAST
8A	20+23.73	21+11.56	37	0	DOGWOOD FEST WEST
9A	20+31.98	20+58.63	0	169	DOGWOOD PLACE WEST
10B	18+46.25	18+84.4	0	115	LUCKNEY EAST
10B	20+24.06	20+62.19	0	116	LUCKNEY WEST
11A	18+56.53	18+88.68	62	130	LAKELAND BLVD. EAST
13A	20+34.00	20+61.03	0	94	LR400 WEST
13B	18+20.35	18+63.35	77	174	COOPER/MANSHIP EAST
13B	20+35.76	20+69.56	29	132	COOPER/MANSHIP WEST
14A.1	18+37.11	18+89.18	215	224	LR 420+00 EAST
14A.1	20+25.54	20+49.84	21	89	LR 420+00 WEST
14A	18+17.82	18+88.83	0	230	WIRTZ EAST
14A	20+03.27	21+09.47	0	355	WIRTZ WEST
15A	18+40.95	19+84.00	22	418	*LAKELAND HEIGHTS
16A	18+46.80	18+87.74	18	172	LAKELAND PLACE
16A	20+21.97	23+74.05	311	941	HUGH WARD
16B	18+09.26	19+87.66	16	619	*PRIMOS
17A	18+54.74	18+91.66	69	181	PLAZA DR. EAST
17A	20+21.80	20+59.85	71	174	PLAZA DR. WEST
18A	18+44.28	18+80.17	0	162	LR477 EAST
18A	19+27.72	20+60.98	0	313	*LR477 WEST
18B	14+69.34	18+89.50	652	1123	CASTLEWOODS
18B	20+24.16	22+23.58	164	516	GRANTS FERRY
UNITS			S.Y.	L.F.	
TOTALS			4,425	10,221	

*Includes directional median saw cut quantity

DATE	REVISION	BY
8/12/15	ADDED QUANTITIES	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES

REMOVAL OF PIPES, FLARED ENDS, AND ISLAND PVM'T.

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: EQ25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER EQ-1

SHEET NUMBER 28

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
8/13/2015 8:29 AM EQ25.DGN

ADDENDUM

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

REMOVAL OF PAVEMENT

WK. SH. NO.	STATION TO STATION		ASPHALT	REMARKS
WK1LT	233+61	234+33	151	REMOVAL OF PARTIAL CROSSOVER
WK1LT	233+83.4	234+02	84	REMOVAL OF PAVEMENT FOR ISLAND
WK1RT	234+02.7	234+29.5	301	REMOVAL OF PAVEMENT FOR ISLAND
WK2LT	242+78	243+40	127	REMOVAL OF PARTIAL CROSSOVER
WK2LT	242+81	243+11	86	REMOVAL OF PAVEMENT FOR ISLAND
WK5A	20+19	20+52	32	REMOVAL OF PAVEMENT FOR ISLAND
WK13A	20+33	20+62	58	REMOVAL OF PAVEMENT FOR ISLAND
WK15A	18+40	18+80	120	REMOVAL OF PAVEMENT FOR ISLAND
WK16B	18+07	18+80	312	REMOVAL OF PAVEMENT FOR ISLAND
WK18A	18+42	18+80	92	REMOVAL OF PAVEMENT FOR ISLAND
WK4A	268+51.63	285+00	4,481	REMOVAL OF DETOUR ROAD - PH.1B
WK3RT	263+00	265+00	175	OUTSIDE SHOULDER PRIOR TO SH. PAVING - PH. 2
WK4RT	265+00	266+45.87	116	OUTSIDE SHOULDER PRIOR TO SH. PAVING - PH. 2
WK4RT	268+26.87	275+38.22	672	OUTSIDE SHOULDER PRIOR TO SH. PAVING - PH. 2
WK4RT	277+01.10	280+00	267	OUTSIDE SHOULDER PRIOR TO SH. PAVING - PH. 2
WK5RT	280+00	291+00	1,023	OUTSIDE SHOULDER PRIOR TO SH. PAVING - PH. 2
WK3LT	252+00	265+00	1,315	OUTSIDE SHOULDER PRIOR TO SH. PAVING - PH. 2
WK4LT	265+00	267+04.67	177	OUTSIDE SHOULDER PRIOR TO SH. PAVING - PH. 2
WK4LT	268+87.59	274+29.70	242	OUTSIDE SHOULDER PRIOR TO SH. PAVING - PH. 2
WK4LT	275+80.35	280+00	66	OUTSIDE SHOULDER PRIOR TO SH. PAVING - PH. 2
WK5LT	280+00	285+31.27	73	OUTSIDE SHOULDER PRIOR TO SH. PAVING - PH. 2
WK5LT	286+30.70	286+85.60	98	REMOVAL OF PARTIAL CROSSOVER PH. 3
WK15LT	438+40	439+10	345	REMOVAL OF PARTIAL CROSSOVER PH. 3
WK16LT	457+67.72	458+64.68	414	REMOVAL OF PARTIAL CROSSOVER PH. 3
WK18LT	477+31.73	478+04.76	367	REMOVAL OF PARTIAL CROSSOVER PH. 3
WK3RT	256+60	260+33	369	REMOVAL OF EXISTING LT. TURN - PH. 3
WK5RT	283+00	285+55	24	REMOVAL OF EXISTING LT. TURN - PH. 3
WK5RT	292+35	295+00	401	REMOVAL OF EXISTING LT. TURN - PH. 3
WK6RT	295+00	296+35	402	REMOVAL OF EXISTING LT. TURN - PH. 3
WK3LT	252+91	255+39.2	196	REMOVAL OF EXISTING LT. TURN - PH. 3
WK3LT	261+82.34	263+70	158	REMOVAL OF EXISTING LT. TURN - PH. 3
WK5LT	286+81	290+00	206	REMOVAL OF EXISTING LT. TURN - PH. 3
WK5RT	291+00	295+00	619	REMOVAL OF EXISTING RT. TURN- PH. 4
WK6RT	295+00	310+00	2,264	REMOVAL OF EXISTING RT. TURN- PH. 4
WK7RT	310+00	324+00	1,808	REMOVAL OF EXISTING RT. TURN- PH. 4
WK8RT	324+00	339+00	1,982	REMOVAL OF EXISTING RT. TURN- PH. 4
WR9RT	339+0	354+00	1,587	REMOVAL OF EXISTING RT. TURN- PH. 4
WK10RT	354+00	368+00	1,497	REMOVAL OF EXISTING RT. TURN- PH. 4
WK11RT	368+00	383+00	1,436	REMOVAL OF EXISTING RT. TURN- PH. 4
WK12RT	383+00	398+00	1,363	REMOVAL OF EXISTING RT. TURN- PH. 4
WK13RT	383+00	413+00	1,442	REMOVAL OF EXISTING RT. TURN- PH. 4
WK14RT	398+00	428+00	1,557	REMOVAL OF EXISTING RT. TURN- PH. 4
WK15RT	428+00	443+00	1,866	REMOVAL OF EXISTING RT. TURN- PH. 4
WK16RT	443+00	457+00	1,579	REMOVAL OF EXISTING RT. TURN- PH. 4
WK17RT	457+00	472+00	1,500	REMOVAL OF EXISTING RT. TURN- PH. 4
WK18RT	472+00	487+00	1,645	REMOVAL OF EXISTING RT. TURN- PH. 4
WK19RT	487+00	494+00	599	REMOVAL OF EXISTING RT. TURN- PH. 4
WK5LT	284+43.07	295+00	1,300	REMOVAL OF EXISTING RT. TURN- PH. 4
WK6LT	295+00	310+00	1,967	REMOVAL OF EXISTING RT. TURN- PH. 4
WK7LT	310+00	325+00	1,891	REMOVAL OF EXISTING RT. TURN- PH. 4
WK8LT	325+00	340+00	1,905	REMOVAL OF EXISTING RT. TURN- PH. 4
WK9LT	340+00	345+22.84	582	REMOVAL OF EXISTING RT. TURN- PH. 4
WK9LT	348+81	354+56.84	645	REMOVAL OF EXISTING RT. TURN- PH. 4
WK10LT	357+87.94	363+11.57	585	REMOVAL OF EXISTING RT. TURN- PH. 4
WK10LT	365+85.23	369+00	327	REMOVAL OF EXISTING RT. TURN- PH. 4
WK11LT	369+00	376+56.41	884	REMOVAL OF EXISTING RT. TURN- PH. 4
WK11LT	377+7030	381+58.44	309	REMOVAL OF EXISTING RT. TURN- PH. 4
WK12LT	388+15.95	392+19.88	313	REMOVAL OF EXISTING RT. TURN- PH. 4
WK13LT	399+56.24	401+66.79	217	REMOVAL OF EXISTING RT. TURN- PH. 4
WK13LT	409+02.45	414+00	496	REMOVAL OF EXISTING RT. TURN- PH. 4
WK14LT	416+11.19	423+91.45	826	REMOVAL OF EXISTING RT. TURN- PH. 4
WK14LT	426+09.56	429+00	280	REMOVAL OF EXISTING RT. TURN- PH. 4
WL16LT	444+00	453+06.68	1,096	REMOVAL OF EXISTING RT. TURN- PH. 4
WK17LT	465+22.00	472+17.22	771	REMOVAL OF EXISTING RT. TURN- PH. 4
WK18LT	480+60.01	489+00	191	REMOVAL OF EXISTING RT. TURN- PH. 4
WK19LT	489+00	492+00	81	REMOVAL OF EXISTING RT. TURN- PH. 4
WK6LT	305+51.11	306+57.70	231	REMOVAL OF CROSSOVER - MARKET ST. - PH. 3
WK7RT	319+32.41	322+98.98	358	REMOVAL OF LEFT TURN LANE- DOGWOOD AVE.- PH. 3
WK7LT	322+98.98	325+00	813	REMOVAL OF CROSSOVER- DOGWOOD AVE.- PH. 3
WK8LT	325+00	330+22.56	501	REMOVAL OF LEFT TURN LANE -DOGWOOD AVE.- PH. 3
WK12RT	397+27.06	398+00	23	REMOVAL OF LEFT TURN LANE - LR 400- PH. 3
WK13RT	398+00	399+78.12	201	REMOVAL OF LEFT TURN LANE - LR 400- PH. 3
WK13LT	399+86.15	401+63.19	743	REMOVAL OF CROSSOVER- LR 400- PH. 3
WK13LT	401+63.19	404+17.54	234	REMOVAL OF LEFT TURN LANE - LR 400- PH. 3
WK5B	20+29.14	20+27.93	146	RIDGE WAY - WEST
WK6B	18+20.86	18+80.93	97	MARKET ST. - EAST
WK6B	20+21.72	20+88.07	146	MARKET ST.- WEST
WK7B	18+21.92	18+75.94	137	DOGWOOD AVE. - EAST
WK7B	20+34.97	20+89.96	150	DOGWOOD AVE. - WEST
WK9A	20+32	20+59	182	DOGWOOD PL. - WEST
WK10B	16+20.23	18+21.05	94	LUCKNEY RD. - EAST
WK10B	20+43.98	20+60.23	21	LUCKNEY RD. - WEST
WK15A	18+56.59	18+77.50	31	LAKELAND HEIGHTS
WK16A	18+48.32	18+75.22	54	LAKELAND PLACE
WKK16B	18+42.26	18+77.43	127	PRIMOS
WK17A	18+54.53	18+78.47	38	PLAZA DR. - EAST
WK17A	20+34.38	20+61.30	50	PLAZA DR. - WEST
WK18A	18+58	18+79.96	44	LR 477- EAST
WK18B	18+33.89	18+78.94	60	CASTLEWOODS
UNITS			SQ. YDS.	
TOTALS			48,707	

REMOVAL OF CURBS

WK. SH. NO.	STATION TO STATION		LINEAR FEET	REMARKS
1LT	234+00	234+11	168	CHANNELIZED ISLAND RT.
3RT	259+51.29	260+77.98	133	LT. TURN
3RT	261+42.16	262+63.06	121	MEDIAN
5LT	285+59.07	287+06.63	181	MEDIAN
6LT	296+19.70	297+68.22	142	MEDIAN
6LT	305+08.43	306+57.70	198	MEDIAN
7RT	310+32.30	314+30.63	462	MEDIAN AND RT. TURN
7LT	315+30.26	319+27.50	457	MEDIAN AND LT. TURN
7LT	322+84.13	324+72.30	268	MEDIAN
8LT	331+94.04	333+69.38	193	MEDIAN
9LT	341+37.72	342+87.13	218	MEDIAN
9LT	350+18.45	351+66.37	218	MEDIAN
10LT	359+18.62	360+67.85	227	MEDIAN
10LT	368+17.16	368+89.00	113	MEDIAN
11LT	369+39.58	369+87.31	109	MEDIAN
11LT	378+91.01	380+40.44	219	MEDIAN
12LT	389+46.54	390+91.14	212	MEDIAN
13LT	399+95.93	401+42.82	216	MEDIAN
13LT	409+91.13	412+50.16	247	MEDIAN
14LT	419+28.94	420+84.02	232	MEDIAN
14LT	428+14.05	428+61.93	107	MEDIAN
15LT	429+12.02	429+59.72	108	MEDIAN
15LT	437+69.51	439+40.39	241	MEDIAN
16LT	447+13.74	449+16.33	185	MEDIAN
16LT	457+44.28	458+91.00	217	MEDIAN
17LT	467+19.20	468+66.20	221	MEDIAN
18LT	476+93.32	478+46.83	220	MEDIAN
18LT	486+43.88	488+32.83	197	MEDIAN
5B	20+28.36	21+25.21	365	RIDGEWAY
6A	18+02.07	18+90.22	655	LAUREL PARK
6A	20+27.33	20+99.15	268	LAKELAND COMMONS
6B	17+87.10	18+84.98	634	MARKET ST. EAST
6B	20+20.16	21+04.67	672	MARKET ST. WEST
7A	17+07.43	18+87.46	927	OLD FANNIN RD. - EAST
7A	20+21.07	22+01.55	1,295	OLD FANNIN RD. - WEST
7B	18+09.35	18+90.64	474	LR323-EAST
7B	20+24.06	21+00.75	386	LR323- WEST
8A	18+07.53	18+90.22	368	DOGWOOD FEST. EAST
8A	20+24.50	21+10	360	DOGWOOD FEST. WEST
9A	20+24.96	20+86.04	181	DOGWOOD PL. WEST
9B	20+24.23	21+00	180	LAFAYETTE LANE-WEST
10A	18+14.77	18+90.52	193	LIBERTY PARK-EAST
10A	20+30.06	20+66.95	109	LIBERTY PARK-WEST
10B	18+20	19+01.47	170	LUCKNEY RD. - EAST
10B	20+05.96	20+97.22	130	LUCKNEY RD. -WEST
11A	18+13.04	18+88.58	354	LAKELAND BLVD. - EAST
11A	20+24.55	20+52.85	105	LAKELAND BLVD. -WEST
12A	20+32.52	20+51.99	106	LR390
13A	20+29.03	21+00	142	LR400
13B	17+54.18	18+57.33	417	COOPER RD.
13B	19+89.35	21+25.66	356	MANSHIP RD.
14A.1	18+00	18+89.18	570	
14A.1	20+26.26	21+14.71	354	
14A	16+88.35	18+99.94	428	WIRTZ RD.- EAST
14A	20+73.33	20+95.45	197	WIRTZ RD. - WEST
15A	17+50	18+90.60	419	LAKELAND HEIGHTS
16A	13+99.98	18+87.19	1,102	LAKELAND PL.
16A	20+26.86	24+21.84	1,355	HUGH WARD
16B	17+75	18+89.29	400	PRIMOS RD.
17A	17+87.69	18+91.83	506	PLAZA DR.
17A	20+21.66	21+57.66	571	PLAZA DR.
18A	18+00	18+85.27	224	LR477-EAST
18A	20+22.52	21+10	196	LR477-WEST
18B	14+64.03	18+91.81	1,126	CASTLEWOODS
18B	20+24.43	26+11.28	1,040	GRANTS FERRY
UNITS			LIN. FT.	
TOTALS			23,164	

REMOVAL OF INLETS

WK. SH. NO.	STATION	OFFSET	TYPE	QTY	REMARKS
3LT	253+02	43.68' RT.	MI-1	1	
3LT	262+01.20	43.71' RT.	MI-1	1	
3A	20+74.46	37.55' LT.	CATCH BASIN	1	
5LT	285+50.00	31.70' RT.	MI-1	1	
6LT	296+19.77	36.85' RT.	MI-4	1	
6LT	298+63.21	53.98' RT.	MI-4A	1	
7LT	320+56.02	42.30' RT.	CATCH BASIN	1	
7A	18+36.10	46.35' RT.	GRATE	1	
7A	18+43.41	95.54' RT.	SS-2	1	
7A	18+44.74	96.58' LT.	SS-2	1	
7A	21+21.08	52.36' LT.	SS-2	1	
7A	21+34.25	52.26' RT.	SS-2	1	
8LT	333+79.87	62.65' RT.	CATCH BASIN	1	REPLACED
8A	18+61.86	53.59' RT.	CATCH BASIN	1	
13B	20+91.00	30.57' LT.	SS-2	1	REPLACED
DDRT-12	16+25.00	15.78' RT	SS-2	1	
DDLT-13	14+93.12	22.49 LT.	SS-2	1	
DDLT-13	16+64.41	33.87 LT.	SS-2	1	
DDRT-13	15+02.06	20.91 RT.	SS-2	1	
DDRT-13	17+50.00	36.29 RT.	SS-2	1	
UNITS				EACH	
TOTALS				18	

REMOVAL OF PAVED DITCH

WK. SH. NO.	STATION TO STATION		CONCRETE ITEMS		REMARKS
			LOCATION	REMOVAL AREA	
WK 4	26895	27055	MEDIAN	71.1	
WK 4	27550	27580	MEDIAN	13.3	
WK 4	27695	27750	MEDIAN	24.4	
WK 5	28325	28555	MEDIAN	102.2	
WK 5	28705	29625	MEDIAN	408.9	
WK 8	33178	33198	MEDIAN	8.9	
WK 9	34105	34150	RIGHT	20.0	
WK 9	34222	34320	RIGHT	43.6	
WK 9	34837	35058	LEFT	98.2	
WK 9	34998	35018	MEDIAN	8.9	
WK 9	35150	35268	LEFT	52.4	
WK 10	35457	35711	RIGHT	112.9	
WK 10	36276	36426	MEDIAN	66.7	
WK 11	37226	37354	LEFT	56.9	
WK 11	37472	37700	MEDIAN	101.3	
WK 12	38510	38680	RIGHT	75.6	
WK 12	39203	39305	RIGHT	45.3	
WK 13	40076	40200	RIGHT	55.1	
WK 13	40108	40795	LEFT	305.3	
WK 14	41535	41640	LEFT	46.7	
WK 14	41540	41582	RIGHT	18.7	
WK 15	43078	43742	LEFT	295.1	
WK 15	43161	43612	RIGHT	200.4	
WK 15	43380	43766	MEDIAN	171.6	
WK 15	43883	43983	LEFT	44.4	
WK 15	43940	43957	MEDIAN	7.6	
WK 16	44614	44711	LEFT	43.1	
WK 16	44730	44747	MEDIAN	7.6	
WK 16	44770	44800	RIGHT	13.3	
WK 16	44880	44896	RIGHT	7.1	
WK 16	44973	45096	LEFT	54.7	
WK 17	45890	45912	MEDIAN	9.8	
WK 18	46254	46700	MEDIAN	198.2	
WK 17	46522	46725	LEFT	90.2	
WK 17	46935	47722	MEDIAN	349.8	
WK 18	47513	47738	LEFT	100.0	
WK 18	48043	48062	RIGHT	8.4	
UNITS				SQ. YDS.	
TOTALS				3,338	

REMOVAL OF GUARDRAIL

WK. SH. NO.	STATION TO STATION		LANES	LOCATION	LENGTH	REMARKS
WK 4	264+28.30	266+31.17	SOUTHBOUND	RIGHT	203.1	
WK 4	264+57.62	266+58.93	SOUTHBOUND	LEFT	201.6	
WK 4	268+75.30	270+75.29	NORTHBOUND	RIGHT	200.3	
WK 4	269+02.69	271+03.13	NORTHBOUND	LEFT	200.7	
WK 4	273+36.08	275.37.74	SOUTHBOUND	RIGHT	201.9	
WK 4	273+58.23	275+58.64	SOUTHBOUND	LEFT	200.7	
UNITS					LIN. FT.	
TOTALS					1208	

DATE	REVISION	BY
8/12/15	CHANGED QUANTITY	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES

REMOVAL OF PAVEMENT, CURBS, INLETS, PAVED DITCH, & GUARDRAIL

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER EQ-2

SHEET NUMBER 29

FILENAME: EQ25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 1:35 PM EQ25.DGN

FMS CON: 104101/301000

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

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	
7LT	311+62.73	0	0	0	0	0	0	0	0	5.50	3.50	0.00	0.331	79.26	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	16 @ 38	12 @ 62	JB-1 LID
8LT	333+79.87	18	0	0	0	18	4	18	11	3.67	3.70	2.92	0.950	82.04	2 @ 28	0 @ 0	2 @ 28	2 @ 28	2 @ 38	2 @ 38	4 @ 29	12 @ 40	12 @ 40	MED. DRAIN TO LR X-DRAIN
9LT	343+50.00	18	43.5	0	0	18	0	0	0	4.39	2.50	2.92	0.849	67.33	2 @ 32	0 @ 0	2 @ 32	0 @ 0	2 @ 47	2 @ 24	4 @ 29	14 @ 26	8 @ 49	MED. DRAIN TO BOX CULVERT
9LT	351+98.61	18	0	0	0	18	21	18	33	3.80	4.04	2.92	1.066	86.74	2 @ 29	0 @ 0	2 @ 29	2 @ 30	2 @ 40	2 @ 42	4 @ 29	12 @ 44	12 @ 42	MED. DRAIN TO LR X-DRAIN
9A	20+81.25 RT.	18	0	18	33	0	0	0	0	3.67	4.04	2.92	1.084	82.22	2 @ 28	2 @ 30	0 @ 0	0 @ 0	2 @ 38	2 @ 42	4 @ 29	12 @ 44	12 @ 40	LR X-DRAIN TO BOX CULVERT
10A	18+69.59 LT.	0	0	0	0	0	0	0	0	5.50	3.50	0.00	0.502	248.26	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	24 @ 38	16 @ 62	JB-2 LID
10A	18+69.59 RT.	0	0	0	0	0	0	0	0	5.50	3.50	0.00	0.502	248.26	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	24 @ 38	16 @ 62	JB-2 LID
13LT	412+96.00	0	0	0	0	0	0	0	0	5.50	3.50	0.00	0.502	248.26	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	24 @ 38	16 @ 62	JB-2 LID
1 13B	20+43.45	0	0	0	0	0	0	0	0	5.50	3.50	0.00	0.384	248.26	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	24 @ 38	16 @ 62	JB-2 LID (6" THICKNESS)
1 15RT	439+76.77	48	0	18	34	0	0	48	15	6.92	7.09	10.60	8.560	1345.00	2 @ 46	2 @ 46	0 @ 0	2 @ 46	11 @ 79	14 @ 81	16 @ 127	30 @ 81	30 @ 79	MODIFIED JB-2
16LT	447+44.00	0	0	0	0	0	0	0	0	5.50	3.50	0.00	0.331	79.26	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	16 @ 38	12 @ 62	JB-1 LID
16LT	449+02.40	0	0	0	0	0	0	0	0	5.50	3.50	0.00	0.502	248.26	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	24 @ 38	16 @ 62	JB-2 LID
16B	18+39.13 RT.	0	0	0	0	0	0	0	0	5.50	3.50	0.00	0.331	79.26	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	16 @ 38	12 @ 62	JB-1 LID
17LT	466+91.83	18	3	18	0	18	1	0	0	3.67	3.67	2.92	0.942	81.68	2 @ 28	2 @ 28	2 @ 28	0 @ 0	2 @ 38	2 @ 38	4 @ 29	12 @ 40	12 @ 40	MED. DRAIN TO LR X-DRAIN
18LT	486+18.71	0	0	0	0	0	0	0	0	5.50	3.50	0.00	0.331	79.26	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	16 @ 38	12 @ 62	JB-1 LID
18RT	484+87.00	18	1	18	30	18	41	0	0	4.29	3.96	2.92	1.322	393.00	2 @ 31	2 @ 30	2 @ 31	0 @ 0	8 @ 47	11 @ 44	13 @ 35	20 @ 44	18 @ 47	JB-2
DDLT-13	16+64.41 LT.	24	0	24	21	0	0	0	0	4.25	4.43	3.50	1.447	104.17	2 @ 31	2 @ 32	0 @ 0	0 @ 0	2 @ 45	2 @ 47	4 @ 36	14 @ 49	14 @ 47	
DDLT-13	17+50.00 LT.	0	0	0	0	0	0	0	0	5.50	3.50	0.00	0.502	248.26	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	0 @ 0	24 @ 38	16 @ 62	JB-2 LID
												UNITS	CU. YDS.	LBS.										
												TOTALS	20.439	4048.79										

1 1

COMBINATION CONCRETE CURB AND GUTTER REQUIRED

WK. NO.	STATION TO STATION		TYPE "2" MODIFIED	TYPE HEADER	TYPE "1" MODIFIED	TYPE "3A" MODIFIED	CONC. MEDIAN AND ISLAND PAV'T. (10" THICK.)	CONC. MEDIAN AND ISLAND PAV'T (4" THICK.)	REMARKS
1	233+00	235+00	177.28	113.45		280.36	66.92	15.57	LR 234+00
2	242+00	244+00	257.50	106.99			52.63	13.00	LR 243+00
3	250+00	265+00				2326.06	48.49		MEDIAN
3a	20+00	21+00	203.98						LAKELAND PKWY
4	265+00	280+00				1872.37			MEDIAN
5	280+00	295+00				2947.05	111.25		MEDIAN
5a	20+00	21+27	573.88				31.18	183.44	RIDGEWAY
6	295+00	310+00				2795.12	36.69		MEDIAN
6a	18+00	21+00	1003.01				61.93	194.37	LAUREL PARK DR
6b	17+92	21+08	1034.00				21.79		MARKET ST
7	310+00	325+00	134.86			851.52	19.35		MEDIAN
7a	17+00	22+00	1167.80			1053.00	60.10	1409.53	OLD FANNIN
7b	18+00	21+05	845.25				12.73	457.56	DOGWOOD AVE
8a	18+00	21+12	949.97				29.19		DOGWOOD FESTIVAL
9a	18+00	21+50	859.99				31.24	21.88	DOGWOOD PLACE
9b	18+55	21+00	644.31						LAFAYETTE LANE
10a	18+00	21+00	675.14						LIBERTY PARK COURT
10b	18+00	21+15	861.10				47.03		LUCKNEY
11a	18+00	21+12	821.25				26.57	3.32	LAKELAND BLVD
12a	19+00	21+16	525.24						LR 390+00
13a	20+33	21+00	255.13				10.27	24.01	LR 400+00
13b	17+55	22+50	1197.75				56.28	33.47	COOPER/MANSHIP
14a.1	18+00	21+15	1027.19				42.63	67.62	LR 420+00
14a	16+00	21+75	1491.84			310.43	62.89	277.07	WIRTZ RD
15a	17+47	20+00	685.39	206.36		138.66	147.35	51.33	LR 439+00
16a	14+00	24+50	1186.77	677.94	740.26	601.63	206.62	141.15	HUGH WARD BLVD
16b	17+75	20+00	948.53	265.22			185.85	201.10	PRIMOS
17a	17+83	21+58	1107.58		58.99		62.43	57.06	PLAZA DR
18a	18+00	21+25	878.15	208.05	43.08	22.93	174.45	58.46	LR 477+00
18b	14+75	26+50	1194.33	1218.79		922.86	410.50	134.31	CASTLEWOOD/GRANTS FERRY
UNITS			L. F.	L. F.	L. F.	L. F.	SQ. YDS.	SQ. YDS.	
TOTALS			20,707	2,797	842	14,122	2,016.37	3,344.23	

TYPE "D" SILT BASIN REQUIRED

WK. SH. NO.	STATION	LENGTH	HEIGHT	RIP RAP	SEDIMENT CONTROL STONE	DRAINAGE AREA TREATMENT (ACRE)	REMARKS
10RT.	363+00	40	3	72	15	1.65	
11RT.	371+40	75	4	216	42.19	4.05	
12LT.	385+40	75	3	135	28.13	3.47	
12RT.	386+00	40	4	115.2	22.5	1.92	
13RT.	400+80	75	3	135	28.13	3.47	
13LT.	403+30	45	6	291.6	42.19	2.78	
13LT.	405+65	45	4	129.6	25.31	2.16	
14LT.	416+75	35	3	63	13.13	1.44	
15RT.	436+85	75	4	216	42.19	4.05	
17LT.	470+35	75	3	135	28.13	3.47	
17RT.	468+95	50	4	144	28.13	2.4	
UNITS				TONS	TONS		
TOTALS				1,652	315		

GUARD RAIL REQUIRED

WK. NO.	STATION	STATE STD. (INSTALL)	GUARD RAIL LENGTHS				CABLE ANCHOR	FLARED TERMINAL SECTION	NON-FLARED TERMINAL SECTION	BRIDGE END SECTION	SINGLE DELINEATORS		REMARKS
			DIST. A	DIST. B	DIST. C	DIST. D	TYPE "I"			TYPE I	WHITE	YELLOW	
4LT	269+02.77	GR-4	193.1	150				1		1	7		
4RT	266+31.17	GR-4	193.1	150				1		1	7		
17LT	471+00.00	GR-4C		625			1		1		20		
UNITS				L. F.		L. F.	EACH	EACH	EACH	EACH	EACH	EACH	
TOTALS				925		0	1	2	1	2	34	0	

BOX CULVERTS REQUIRED

WK. NO.	STATION	SIZE	LENGTH	COVER OVER STRUCT.	DRAWINGS REQUIRED	WINGS	COLLARS	CLASS "B" CONCRETE	REINF. STEEL	EST. AVERAGE DEPTH	STRUCT. EXCAV.	SELECT MATER.	REMARKS
9LT.	343+25.00	8'X6'	34'	16.84'	IBJL-1, ICJ-1, IBS-6-2W, IWS-3, ISK-45-3W, IBSM-3W, SD-BCB-1	1 (3:1)	1 (ICJ-1)	44.0	8,825.65	4.53'	108.76	15.79	MODIFIED FOR 20' COVER
9RT.	343+25.00	8'X6'	5'	17.32'	IBJL-1, ICJ-1, IBS-6-2W, IWS-3,IBSM-3W,	1 (3:1)	1 (ICJ-1)	15.8	2,544.80			7.18	MODIFIED FOR 20' COVER
13LT.	404+56.00	6'X5'	15'	13.85'	IBJL-1, ICJ-1, SD-IBS-5-2W, SD-IWS-3,	1 (3:1)	1 (ICJ-1)	15.1	2,379.00	1.98'	17.98	6.46	
1													
17LT.	468+52.90	6'X5'	55'	14.02'	IBJL-1, ICJ-1,SD-IBS-5-2W, SD-IWS-3, SD-ISK-45-3W, SD-BCB-1	1 (3:1)	1 (ICJ-1)	37.8	6,104.36	3.00'	62.01	13.75	
						UNITS		CU. YDS.	LBS.		CU. YDS.	CU. YDS.	
						TOTAL		112.7	19,853.81		188.8	43.2	

1 1 1 1

DATE	REVISION	BY
8/12/15	REMOVED BOX, ADDED JB	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES

JUNCTION BOXES, C&G, SILT BASINS, GUARDRAIL, & BOX CULVERTS

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: EQ25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER EQ-3

SHEET NUMBER 30

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 8:30 AM EQ25.DGN

ADDENDUM

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ESTIMATED EROSION CONTROL ITEMS

WK. SH. NO.	STATION TO STATION	DITCH LINER	SOLID SOD	SOIL REINFORCEMENT MATERIAL	CONCRETE PAVED DITCH	WATERING	300# RIP RAP	GEOTEXTILE	EROSION CHECKS	SILT FENCE	REMARKS
1RT.	233+96.75		115			2,300					ISLAND RT.
6 LT.	298+53 - 301+00	109									
6 LT.	308+81 - 310+00	52									
6 RT.	299+70 - 304+60	229									
7 LT.	310+00 - 311+62			142							
7 LT.	320+23 - 321+25		45		5	898					
7 RT.	310+19 - 311+12	53									
8 LT.	333+85 - 335+00			104							
8 LT.	335+00 - 337+00	89									
8 RT.	324+84 - 331+77		308		34	6,160					
8 RT.	327+00 - 330+00	134									
8 RT.	332+87.44		57			1,140					ISLAND RT.
8 RT.	334+00 - 335+96		86		10	1,716					
8 RT.	335+96 - 339+00	135									
8 RT.	333+82 - 334+50		30		3	604					
8 RT.	334+50 - 337+00			220							
8 RT.	337+00 - 338+50	66									
9 LT.	342+44 - 343+55	49									
9 LT.	348+25 - 350+44		97		11	1,946					
9 LT.	351+63 -353+08		65		7	1,298					
9 LT.	353+08 - 355+00	85									
9 LT.	343+25.00		15			294					8'X6' R.C.B.C.
9 RT.	352+11 - 354+00	22									
9 RT.	339+00 - 339+50	84									
9 RT.	343+25.00		9			178					8'X6' R.C.B.C.
10 LT.	355+91 - 357+00	48									
10 RT.	355+62 - 357+00		63		7	1,262					
10 RT.	357+00 - 359+37			213							
10 RT.	360+72 - 361+74	45									
10 RT.	362+60 - 364+00		64		7	1,280					
10 RT.	364+00 - 365+50			134							
10 RT.	365+50 - 368+24	122									
11 LT.	371+97 - 373+48		73		8	1,458					
11 LT.	376+00 - 377+19	53									
11 LT.	382+00 - 384+00	89									
11 RT.	373+31 - 374+75	65									
11 RT.	376+00 - 376+75	33									
11 RT.	377+81 - 378+61	36									
12 LT.	384+00 - 385+50	67									
12 LT.	385+50 - 386+15		28		3	568					
12 LT.	391+00 - 392+25	56									
12 LT.	392+25 - 393+60		60		7	1,200					
12 LT.	397+00 - 398+50	67									
12 LT.	398+50 - 399+00			45							
12 RT.	383+50 - 384+75	56									
12 RT.	384+75 - 386+69		87		10	1,734					
12 RT.	386+75 - 388+50	78									
12 RT.	392+00 - 393+75		78		9	1,564					
13 LT.	399+00 - 400+14			102							
13 LT.	401+16 - 408+50		328		44	6,558					
13 LT.	404+56.00		7			142					6'X5' R.C.B.C.
13 RT.	398+00 - 401+00	133									
13 RT.	401+00 - 403+00		45		5	898					
13 RT.	407+50 - 409+76	103									
1 13 B	20+83 - 21+00						20	290			
14 LT.	414+50 - 415+00	23									
14 LT.	415+00 - 417+17		89		10	1,786					
14 LT.	417+00 - 418+73	78									
14 LT.	421+45 - 426+00			403							
14 LT.	426+00 - 427+00	44									
14 RT.	413+00 - 415+57	119									
14 RT.	420+70 - 423+00			204							
14 RT.	423+00 - 424+00	44									
15 RT.	430+00 - 431+60	84									
15 RT.	431+60 - 435+72		185		21	3,706					
15 RT.	437+41 - 437+72						11	118			
1 15 RT.	438+89 - 439+72		40		8	800					
1 15 RT.	439+76 - 440+72	44									
1 15 RT.	439+93 - 440+23		16		3	320					
1 15 RT.	440+72 - 441+00		13		3	260					
15 RT.	441+00 - 441+82	36									
15 RT.	439+66.38		11			222					14'X8' R.C.B.C.
16 LT.	446+50 - 447+12		28		3	552					
16 LT.	449+88 - 451+26		62		7	1,244					
16 RT.	449+78 - 451+50	77									
17 LT.	465+00 - 467+00		92		10	1,832					
17 LT.	469+64 - 471+26			142							
17 LT.	468+52.90		12			232					6'X5' R.C.B.C.
17 RT.	463+00 - 463+75	33									
17 RT.	463+75 - 465+00		56		6	1,120					
17 RT.	466+50 - 467+32	52									
17 RT.	468+70 - 472+00			294							
17 RT.	470+23 - 472+00			158							
18 LT.	474+50 - 477+00		113		13	2,266					
18 RT.	472+00 - 477+00			445							
18 RT.	472+00 - 473+41			125							
18 RT.	478+36 - 479+64	56									
18 RT.	479+71 - 480+35	28									
18 RT.	480+35 - 480+62		10		1	196					
18 RT.	480+62 - 484+57	173									
19 LT.	489+00 - 490+00	44									
19 LT.	490+00 - 495+00			448							
19 LT.	495+00 - 497+26		82		9	1,644					
19 RT.	489+30 - 491+15	82									
UNITS		SQ. YD.	SQ. YD.	SQ. YD.	CU. YD.	GAL.	TON	SQ. YD.	EACH	LIN. FT.	
TOTALS		3,174	2,469	3,176	263	49,378	31	408	0	0	
		1	1		1	1	1	1			

CLEARING AND GRUBBING

WK. SH. NO.	STATION TO STATION		LOCATION	REMARKS
WK 3	253+00	260+85	ML-RT	
WK 4,5	266+40	288+70	ML-RT	
WK 6	301+20	305+20	ML-RT	
WK 6,7	306+65	311+40	ML-RT	
WK 8,9	334+85	341+00	ML-RT	
WK 9	341+80	354+60	ML-RT	
WK 10	356+00	358+95	ML-RT	
WK 10	361+95	366+00	ML-RT	
WK 11	370+65	373+85	ML-RT	
WK 15,16	439+65	447+55	ML-RT	
WK 17	463+40	465+20	ML-RT	
WK 4	269+25	276+50	ML-LT	
WK 9	346+55	347+35	ML-LT	
WK 11	369+35	374+50	ML-LT	
WK 13	401+00	401+60	ML-LT	
WK 13	402+30	402+90	ML-LT	
WK 17	466+55	467+50	ML-LT	
WK 17	468+75	476+75	ML-LT	
WK 10B	15+50	16+10	LOCAL ROAD	
WK 10B	22+90	26+25	LOCAL ROAD	
WK 13B	15+25	17+25	LOCAL ROAD	
UNITS		STATION		
TOTALS		107.05		

*NOTE: CLEARING & GRUBBING QUANTITY BASED ON REMOVAL OF ALL TREES ON RIGHT OF WAY WITHIN THE LIMITS SPECIFIED.

PUNCHOUT REPAIR HWY-25 SOUTHBOUND LANES

STATION	WIDTH (FT)	LENGTH (FT)	LOCATION	SQ.YDS	CONCRETE REMOVAL (SY)	CONCRETE INSTALL (CY)	SAW CUT FULL DEPTH (LF)	#5 TIE BARS (EACH)	DOWELS INSTALLED	JOINT FILLER
301+75	12	4	BOTH	5.33	5.33	1.33	36	20	10	16
303+50	12	6	BOTH	8.00	8.00	2.00	42	24	12	18
306+50	24	4	BOTH	10.67	10.67	2.67	60	24	12	28
325+25	24	25	BOTH	66.67	66.67	16.67	123	24	12	49
330+25	12	6	BOTH	8.00	8.00	2.00	42	24	12	18
359+75	6	4	RIGHT	2.67	2.67	0.67	20	16	0	0
364+75	6	4	LEFT	2.67	2.67	0.67	20	16	0	0
365+50	12	4	BOTH	5.33	5.33	1.33	36	20	10	16
366+00	12	5	BOTH	6.67	6.67	1.67	39	22	11	17
366+75	24	8	BOTH	21.33	21.33	5.33	72	24	12	32
401+00	24	8	BOTH	21.33	21.33	5.33	72	24	12	32
407+75	12	6	BOTH	8.00	8.00	2.00	42	24	12	18
447+50	6	4	RIGHT	2.67	2.67	0.67	20	10	5	10
478+20	6	4	BOTH	2.67	2.67	0.67	36	20	10	10
481+50	6	4	LEFT	2.67	2.67	0.67	20	14	7	10
UNITS					SY	CY	LF	EACH	EACH	LF
TOTALS					174.7	43.7	680.0	306.0	137.0	274.0

8/12/15	CHANGED QUANTITY	JT	
DATE	REVISION	BY	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES

EROSION CONTROL, CLEARING & GRUBBING, & PUNCHOUT REPAIR

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: EQ25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER EQ-4

SHEET NUMBER 31

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 8:30 AM EQ25.DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

WK. SH. NO.	STATION TO STATION	ID NO.	TYPE	PIPE CULVERT 15	18	18 ALT.	18 CL. V	24	24 CL. V	30	36	42	48	36X23	BRANCH CONNECTIONS 18	24	30	42	48	END SECTIONS 18	24	30	36	42	48	36X23	SIZE L	W	H	OPENINGS	DRAWINGS REQ'D	CLASS "B" CONC.	REINF. STEEL	GRATING	CASTING	PAVED DITCH	STRUCTURE EXCAVATION CU YD EXCAV	EST. DEPTH	REMARKS
1 1LT	234+02.79												72												2						PI-1, FE-1	0.29								REPLACE EXIST. LR X-DRAIN
1 2LT	238+31.14												64												2						PI-1, FE-1	0.29								REPLACE EXIST. LR X-DRAIN
1 2LT	243+08.35												96												2						PI-1, FE-1	0.29								REPLACE EXIST. LR X-DRAIN
3LT	261+99.91				16															1											PI-1, PC-1, FE-1	0.38					7.60	2.79	EXTEND EXISTING X-DRAIN
3A	20+75.00										72												2								PI-1, FE-1	0.25					113.30	6.29	LOCAL ROAD X-DRAIN
4A	176+00							104													2										PI-1, FE-1	0.17							DETOUR X-DRAIN
5LT	285+50.00				32															1											PI-1, PC-1, FE-1	0.38					2.50	0.84	EXTEND EXISTING MEDIAN DRAIN, 15° SKEW LT FWD
5LT	288+21.47										8												1								PI-1, PC-1, FE-1	0.74							
6LT	298+52.59													8												1					PI-1, PC-1, FE-1A	0.59					5.87	2.34	EXTEND EXISTING MEDIAN DRAIN
6LT	308+85.00				24															1											PI-1, PC-1, FE-1	0.38					5.40	1.67	EXTEND EXISTING MEDIAN DRAIN
6B	18+61.49 LT				24															1											PI-1, PC-1, FE-1	0.38					12.87	3.00	EXTEND EXIST. LOC. RD. X-DRAIN, 19° SKEW RT FWD
6B	18+61.49 RT				32															1											PI-1, PC-1, FE-1	0.38					13.99	2.63	EXTEND EXIST. LOC. RD. X-DRAIN, 12° SKEW LT FWD
7LT	311+62.73											16												1							PI-1, PC-1, JB-1, FE-1	0.86					17.17	3.76	EXTEND EXISTING X-DRAIN
7LT	320+56.02				8															1											PI-1, PC-1, FE-1	0.38					6.84	3.45	EXTEND EXISTING X-DRAIN
7RT	311+62.73											16												1							PI-1, PC-1, FE-1	0.86					27.90	5.00	EXTEND EXIST X-DRAIN., 14° SKEW RT FWD
7A	18+36.10 RT	18A R	GI-1																								3.375	3.02	6.21	1@18	IG-2, GI-1	1.43	91	200	244				CONNECT TO EXISTING 18" PIPE
7A	18+37.81 RT	18B R	SS-2																								5.00	2.50	6.50	1@18	SS-2	2.89	240		79				CONNECT TO EXISTING 18" PIPE
7A	18+41.00 LT	18 L	SS-2																								5.00	2.50	5.85	1@18	SS-2	2.68	234		79				CONNECT TO EXISTING 18" PIPE
7A	21+21.15 LT	21 L	GI-1		4																						3.375	3.02	4.89	1@18	PI-1, PC-1, IG-2, GI-1	1.43	74	200	244				CONNECT TO EXISTING 18" PIPE
7A	21+33.62 RT	21 R	GI-1		5																						3.375	3.02	4.36	1@18	PI-1, PC-1, IG-2, GI-1	1.31	67	200	244				CONNECT TO EXISTING 18" PIPE
7B	18+65.00 RT									32												1									PI-1, PC-1, FE-1	0.61							EXTEND EXIST. RCP, 3° SKEW LT FWD
8LT	333+79.87 LT				8																										PI-1, PC-1, JB-1	0.32					2.66	1.36	EXTEND EXIST. MEDIAN DRAIN
8LT	333+79.87 RT		MI-4																								4.76	3	2.4	1@18	MI-4, IG-1	0.80	56	500		1.203			REPLACE EXISTING MEDIAN INLET
8A	18+39.39							192													2										PI-1, FE-1	0.17					122.10	4.00	LOCAL ROAD X-DRAIN
8A	20+66.07 RT				32																										PI-1, PC-1	0.32					11.20	2.70	EXTEND EXIST. LOCAL RD. X-DRAIN
8A	20+66.07 RT				32															1											PI-1, FE-1	0.06					11.20	2.70	FROM JB-1
9LT	343+50.00				14																										PI-1, PC-1, JB-1	0.32					5.24	1.61	EXTEND EXIST. MEDIAN DRAIN
9LT	343+50.00				4										1																PI-1, BC-1								EXTEND EXIST. MEDIAN DRAIN
9LT	348+55.00							16													1										PI-1, PC-1, FE-1	0.49					7.11	2.46	EXTEND EXISTING X-DRAIN
9LT	351+98.61				16																										PI-1, PC-1, JB-1	0.32					1.58	1.84	EXTEND EXIST. X-DRAIN
9RT	348+55.00							8													1										PI-1, PC-1, FE-1	0.49					16.01	6.38	EXTEND EXISTING X-DRAIN
9A	18+30.89 LT				48															1											PI-1, PC-1, FE-1	0.38					9.99	1.35	EXTEND EXIST. LOC. RD. X-DRAIN, 24° SKEW RT FWD
9A	18+30.89 RT				40															1											PI-1, PC-1, FE-1	0.38					3.82	0.60	EXTEND EXIST. LOC. RD. X-DRAIN
9A	20+81.25 LT				24															1											PI-1, PC-1, FE-1	0.38					3.99	0.93	EXTEND EXIST., 11° SKEW RT FWD
9A	20+81.25 RT				19										1																PI-1, JB-1, BC-1								EXTEND LOC. RD. X-DRAIN
9B	20+61.63 LT				24															1											PI-1, PC-1, FE-1	0.38							EXTEND EXIST. LOC. RD. X-DRAIN, 25° SKEW LT FWD
9B	20+61.63 RT				24																										PI-1, PC-1	0.32							EXTEND EXIST. LOC. RD. X-DRAIN, TO JB-1
9B	20+61.63 RT				24															1											PI-1, FE-1	0.06							EXTEND EXIST. LOC. RD. X-DRAIN, FROM JB-1
10LT	355+99.00				32															1											PI-1, PC-1, FE-1	0.38					0.94	2.82	EXTEND EXIST. X-DRAIN, 30° SKEW LT FWD
10LT	359+95.78				16															1											PI-1, PC-1, FE-1	0.38					1.33	0.60	EXTEND EXIST. X-OVER DRAIN LT., 7° SKEW RT. FWD.
10LT	359+95.78				8															1											PI-1, PC-1, FE-1	0.38					2.60	0.80	EXTEND EXIST. X-OVER DRAIN RT., 7° SKEW RT. FWD.
10RT	355+99.00				8															1											PI-1, PC-1, FE-1	0.38					0.13	0.06	EXTEND EXISTING X-DRAIN
10RT	362+58.86				16															1											PI-1, PC-1, FE-1	0.38					6.28	1.93	EXTEND EXISTING X-DRAIN
10A	18+69.59 LT	18 L	SS-2		40															1							15.0	2.50	5.56	2@18	PI-1, JB-2, SS-2, FE-1	4.30	444		79		15.91	2.50	EXTEND EXIST. LOC. RD. X-DRAIN
10A	18+69.59 RT	18 R	SS-2		32															1							15.0	2.50	3.87	2@18	PI-1, JB-2, SS-2, FE-1	3.85	421		79		13.32	2.50	EXTEND EXIST. LOC. RD. X-DRAIN
11LT	372+38.95									24												1									PI-1, PC-1, FE-1	0.61					5.70	1.38	EXTEND EXIST. X-DRAIN, 27° SKEW RT. FWD.
11LT	377+19.00										16												1								PI-1, PC-1, FE-1	0.74					10.09	2.28	EXTEND EXIST. X-DRAIN
UNITS				L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.						CU YD	LBS	LBS	LBS	CU YD	CU YD		
SHEET TOTALS				0	608	0	0	320	0	56	96	32	232	8	2	0	0	0	0	19	6	2	4	2	6	1						33.61	1,628	1,100	1,048	1.20	464.65		

1 1 1

1 1 1

DATE	REVISION	BY
8/12/15	ADDED PIPES AND FES	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES

DRAINAGE STRUCTURES

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER EQ-6

FILENAME: EQ25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

SHEET NUMBER 33

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 8:30 AM EQ25.DGN

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM

WK. SH. NO.	STATION TO STATION	ID NO.	TYPE	PIPE CULVERT 12	15	18	18 ALT.	18 CL V	24	24 CL V	30	36	42	48	36X23	BRANCH CONNECTIONS 18	24	30	42	48	END SECTIONS 12	15	18	24	30	36	42	36X23	SIZE L	W	H	OPENINGS	DRAWINGS REQ'D	CLASS "B" CONC.	REINF. STEEL	GRATING	CASTING	PAVED DITCH	STRUCTURE EXCAVATION CU YD EXCAV	EST. DEPTH	REMARKS
11RT	377+19.00											16														1						PI-1, PC-1, FE-1	0.74					13.48	2.61	EXTEND EXISTING X-DRAIN
11RT	378+96.00					24																	1									PI-1, PC-1, FE-1	0.38					10.64	2.48	EXTEND EXIST. MEDIAN DRAIN, 24° SKEW LT. FWD.
12LT	386+23.82											8														1						PI-1, PC-1, FE-1	0.74							EXTEND EXIST. X-DRAIN, 15° SKEW RT. FWD.
12LT	390+16.77					8																	1									PI-1, PC-1, FE-1	0.38					1.11	0.50	EXTEND EXIST. PIPE @ X-OVER LT., 12° SKEW RT. FWD.
12LT	390+16.77					8																	1									PI-1, PC-1, FE-1	0.38					1.11	0.50	EXTEND EXIST. PIPE @ X-OVER RT., 11° SKEW RT. FWD.
12LT	393+22.00											16														1						PI-1, PC-1, FE-1	0.74					7.38	1.76	EXTEND EXIST. X-DRAIN
12RT	386+23.82											8														1						PI-1, PC-1, FE-1	0.74					0.14	0.26	EXTEND EXIST. X-DRAIN, 15° SKEW RT. FWD.
12RT	393+22.00											16														1						PI-1, PC-1, FE-1	0.74					13.81	2.80	EXTEND EXIST. X-DRAIN
12A	20+51.78 LT					24																	1									PI-1, PC-1, FE-1	0.38					4.16	0.97	EXTEND EXIST. LR X-DRAIN, 21° SKEW LT. FWD.
12A	20+51.78 RT					24																	1									PI-1, PC-1, FE-1	0.38					3.43	0.80	EXTEND EXIST. LR X-DRAIN, 23° SKEW RT. FWD.
13LT	399+97.59					24																	1									PC-1, PI-1, FE-1	0.38					10.93	3.20	EXTEND EXIST. MEDIAN DRAIN, 13° SKEW RT. FWD.
13LT	403+97.00					16																	1									PI-1, PC-1, FE-1	0.38					2.46	1.08	EXTEND EXIST. MEDIAN DRAIN
13LT	412+00.00		MI-1						72																				3.67	3	3.54	1@24	PI-1, MI-1, IG-1	0.75	54	250					TO EXISTING INLET
13LT	412+96.00								16															1								PI-1, PC-1, FE-1	0.49					5.77	1.73	EXTEND EXISTING X-DRAIN
13RT	412+96.00								8															1								PI-1, PC-1, FE-1	0.49					2.84	1.16	EXTEND EXISTING X-DRAIN
13A	20+75.00								88															2								PI-1, FE-1	0.17					114.96	7.25	LOCAL ROAD X-DRAIN
1 13B	20+27.18			88																	1											PI-1, PC-1, FE-1	0.30					6.22	1.50	EXTEND EXIST. LR X-DRAIN
1 13B	20+55.00	20R	GI-1A		16																								3.375	3.92	2.90	1@15	PI-1, SD-GI-1A, JB-2	0.66	64				5.82	2.50	TO EXISTING GRATE INLET
1 13B	20+91.00	20L	SS-2		32																	1							10	2.15	5.15	1@15	PI-1, SS-2, FE-1	3.29	323		79		4.54	2.50	
14LT	415+50.35											8														1						PI-1, PC-1, FE-1	0.74					12.07	3.32	EXTEND EXISTING X-DRAIN
14LT	415+50.35									232														2								PI-1, FE-1	0.17							JACKED OR BORED, X-DRAIN, PAR. TO EXIST.
14RT	415+50.35											8														1						PI-1, PC-1, FE-1	0.74					24.79	8.17	EXTEND EXISTING X-DRAIN
15RT	437+61.83					16																	1									PI-1, PC-1, FE-1	0.38					12.14	3.73	EXTEND EXISTING MEDIAN DRAIN
1 15RT	439+76.77					88								8									1									PI-1, PC-1, SD-JB-2, IG-2, FE-1	0.91		200					EXTEND EXIST. X-DRAIN TO MODIFIED JB-2
1 15RT	440+25.27						24																									PI-1, PC-1	0.32							POLYETHYLENE PIPE - CONNECT TO EXISTING
15A	18+02.62 RT													24																		PI-1, PC-1	0.85							EXTEND LR X-DRAIN TO MODIFIED JB-2
16LT	447+21.42		MI-4A			24																							4.81	3	1.60	1@18	PI-1, MI-4A, IG-1	0.68	50	500		0.819			MEDIAN DRAIN
16LT	449+25.00		MI-4A			24																							4.81	3	1.60	1@18	PI-1, MI-4A, IG-1	0.68	50	500		0.819			MEDIAN DRAIN
16A	20+73.80 LT					40																	1									PI-1, PC-1, FE-1	0.38					9.96	2.32	EXTEND EXIST. LR X-DRAIN, 9° SKEW LT. FWD.
16A	20+73.80 RT					16																	1									PI-1, PC-1, FE-1	0.38					17.03	2.68	EXTEND EXIST. LR X-DRAIN, 27° SKEW RT. FWD.
16B	18+39.13 LT					56																	1									PI-1, PC-1, FE-1	0.38							EXTEND EXIST. LR X-DRAIN, 28° SKEW RT. FWD.
16B	18+39.13 RT		B-9			40																							3.25	3.5	2.71	1@18	PI-1, JB-1, B-9	0.62	42	127					EXTEND EXIST. LR X-DRAIN, 48° SKEW RT. FWD.
17LT	466+91.83		MI-4			8																	1						4.76	3	5.40	1@18	PI-1, PC-1, JB-1, MI-4A	1.72	72	500		0.819	0.86	1.11	EXTEND EXISTING
17LT	468+52.90															2																	BC-1								CONNECT TO BOX
17LT	469+40.00					9																											PI-1, PC-1	0.32					2.02	1.73	EXTEND EXIST. MED. DRAIN LT. TO BOX CULVERT
17LT	469+40.00		MI-4			8																							4.76	3	1.623	1@18	PI-1, JB-2, MI-4, IG-1	0.67	52	500		1.203	2.01	2.21	EXTEND EXIST. MEDIAN DRAIN RT.
17RT	469+45.06						136																										PI-1								POLYETHYLENE PIPE
17A	20+86.21 LT					40																											PI-1, PC-1	0.32					8.09	1.56	EXTEND EXIST. LR X-DRAIN TO JB-1
17A	20+86.21 LT					16																	1									PI-1, FE-1	0.06					11.80	3.63	EXTEND EXIST. LR X-DRAIN FROM JB-1
17A	20+86.21 RT					8																											PI-1, JB-1						2.33	2.25	EXTEND EXIST. LR X-DRAIN TO BOX CULVERT
18LT	477+68.18					16																	1									PI-1, PC-1, FE-1	0.38					1.73	0.53	EXTEND EXIST. PIPE @ X-OVER LT., 12° SKEW RT. FWD.
18LT	477+68.18					8																	1									PI-1, PC-1, FE-1	0.38							EXTEND EXIST. PIPE @ X-OVER RT., 13° SKEW RT. FWD.
18LT	484+87.00					8																	1									PI-1, PC-1, FE-1	0.38					4.44	2.47	EXTEND EXISTING X-DRAIN
18LT	486+18.71		MI-4A			32																							4.81	3	1.60	1@18	PI-1, JB-1, MI-4A, IG-1	0.68	50	500		0.819			MEDIAN DRAIN
UNITS				L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.						CU YD	LBS	LBS	LBS	CU YD	CU YD		
SHEET TOTALS				88	48	592	160	0	184	232	0	80	0	32	0	2	0	0	0	0	1	1	17	6	0	7	0	0						24.70	757	3,077	79	4.48	318.05		
				1	1	1	1							1						1	1	1	1											1	1	1	1		1		

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 8:30 AM EQ25.DGN

8/12/15	ADDED QUANTITIES	JT
DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES

DRAINAGE STRUCTURES

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: EQ25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER EQ-7

SHEET NUMBER 34

FMS CON: 104101/301000

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

WK. SH. NO.	STATION TO STATION		ID NO.	TYPE	PIPE CULVERT 12	15	18	18 ALT.	18 CL. V	24	24 CL. V	30	36	42	48	36X23	BRANCH CONNECTIONS 18	24	30	42	48	END SECTIONS 12	15	18	24	30	36	42	48	36X23	SIZE L	W	H	OPENINGS	DRAWINGS REQ'D	CLASS "B" CONC.	REINF. STEEL	GRATING	CASTING	PAVED DITCH	STRUCTURE EXCAVATION CU YD EXCAV	EST. DEPTH
DDLT-14	22+10.37 LT		22L	SS-2																											15	3.5	6.38	1@18	SS-2	5.05	472		79			
DDRT-14	21+66.77 RT		21R	SS-2																											15	3.5	5.73	1@18	SS-2	4.82	466		79			
DDLT-15	21+26.00 LT									16															1										PI-1, FE-1	0.08						
DDLT-15	21+26.00 LT	22+12.00 LT	21L	SS-2						83																					15	3.0	6.0	2@24	PI-1, SS-2	4.58	460		79		21	1.7
DDLT-15	22+12.00 LT						7																												PI-1							
DDLT-15	22+12.00 LT	22+75.00 LT	22L	SS-2						60																					10	3.0	6.0	2@24, 1@18	PI-1, SS-2	3.64	350		79		24	2.9
DDLT-15	22+75.00 LT	24+00.00 LT	23L	SS-2						123																					10	3.0	6.0	2@24	PI-1, SS-2	3.69	350		79		81	4.7
DDLT-15	24+00.00 LT	24+65.00 LT	24L	SS-2						62																					15	3.0	6.0	2@24	PI-1, SS-2	4.58	460		79		44	5.1
DDLT-15	24+65.00 LT		25L	SS-2						65																					10	3.0	6.0	2@24	PI-1, SS-2	3.69	350		79		43	4.7
DDRT-15	21+35.00 RT	22+12.00 RT	21R	SS-2			74																								15	2.5	5.42	1@18	PI-1, SS-2	4.33	443		79		37	4.0
DDRT-15	22+12.00 RT	22+70.00 RT	22A R	SS-2			55																								10	2.5	5.42	2@18	PI-1, SS-2	3.38	333		79		28	4.1
DDRT-15	22+70.00 RT	23+64.00 RT	22B R	SS-2			93																								5	2.5	5.42	2@18	PI-1, SS-2	2.49	223		79		44	3.8
DDRT-15	23+64.00 RT	24+23.00 RT	23A R	SS-2			57																								10	2.5	5.42	3@18	PI-1, SS-2	3.33	333		79		29	4.2
DDRT-15	23+64.00 RT		23B R	SS-4			4																								3.5	2.5	3.92	1@18	PI-1, SS-4	0.67	31					
DDRT-15	24+23.00 RT	25+25.00 RT	24R	SS-2			101																								10	2.5	5.42	2@18	PI-1, SS-2	3.38	333		79		54	4.3
DDRT-15	25+25.00 RT	26+40.00 RT	25A R	SS-2			114																								10	2.5	5.42	3@18	PI-1, SS-2	3.33	333		79		61	4.2
DDRT-15	25+25.00 RT		25B R	B-9			4																								3.25	3.5	2.71	1@18	PI-1, B-9	0.62	42	127				
DDRT-15	26+40.00 RT		26R	SS-2			8																	1							15	2.5	5.42	2@18	PI-1, FE-1, SS-2	4.34	443		79			
DDRT-16	26+65.00 RT	27+20.00 RT					56																												PI-1							
UNITS					L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.						CU YD	LBS	LBS	LBS	CU YD	CU YD	
SHEET TOTALS					0	0	576	0	0	416	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0						56.02	5,422	127	1,106	0.00	466	
UNITS					L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.						CU YD	LBS	LBS	LBS	CU YD	CU YD	
SHEET 1 TOTALS					0	0	608	0	0	320	0	56	96	32	232	8	2	0	0	0	0	0	0	19	6	2	4	2	6	1						33.61	1,628	1,100	1,048	1.20	465	
SHEET 2 TOTALS					88	48	592	160	0	184	232	0	80	0	32	0	2	0	0	0	0	1	1	17	6	0	7	0	0	0						24.70	757	3,077	79	4.48	318	
SHEET 3 TOTALS					0	0	32	0	0	120	0	16	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0						0.84	0	0	0	0.00	100	
SHEET 4 TOTALS					0	0	2,992	0	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0						154.24	16,517	508	3,081	0.00	254	
SHEET 5 TOTALS					0	48	1,912	0	88	368	72	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0						142.40	14,522	1,400	4,552	0.00	485	
SHEET 6 TOTALS					0	0	576	0	0	416	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0						56.02	5,422	127	1,106	0.00	466	
TOTALS - ALL SHEETS					88	96	6,712	160	168	1,408	304	72	176	32	264	8	4	0	0	0	0	1	1	43	16	3	11	2	6	1						411.80	38,847	6,212	9,866	5.68	2,087	
					1	1	1	1							1				1		1	1	1	1					1							1	1	1	1		1	

JT	BY	
CHANGED QTY.	REVISION	
8/12/15	DATE	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES

DRAINAGE STRUCTURES

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: EQ25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER EQ-11

SHEET NUMBER 38

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 8:31 AM EQ25.DGN

ADDENDUM

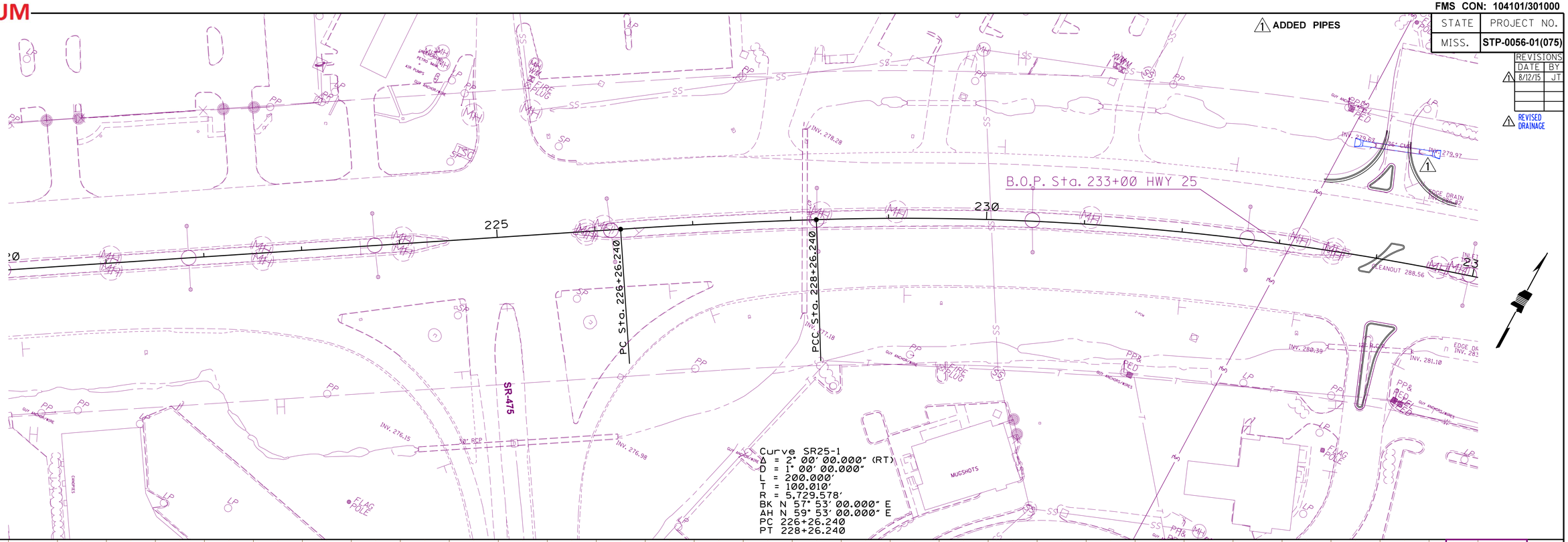
FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

REVISIONS	
DATE	BY
8/12/15	JT

1 REVISED DRAINAGE

1 ADDED PIPES



UTILITIES:

ENTERGY
AT & T
COMCAST
CENTERPOINT ENERGY
CITY OF FLOWOOD
TELEPAK NETWORKS, INC / C-SPIRE
CONTACT NETWORK, INC / IN-LINE
GULF SOUTH PIPELINE

1 STA. 234+02.79
REMOVE 44' EXISTING 36" CMP
REMOVE 36" FES LT. & RT.
72' - 48" RCP REQ'D.
2 - 48" FES REQ'D.

STA. 234+00
DIRECTIONAL MEDIAN REQ'D.
SEE WK. NO. ID-1 FOR DETAILS.

LT. PLAN GRADE

STA. 233+00
BEGIN MILL & INLAY

320 310 300 290 280 270 260 250

SPECIAL DITCH GRADE

PROP

EXIST

220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235
284.77	284.67	284.60	284.69	284.80	284.90	285.04	285.17	285.35	285.60	285.70	285.79	286.05	286.28	286.45	286.63
286.82	287.06	287.24	287.30	287.41	287.54	287.68	287.79	287.88	287.98	288.16	288.17	288.23	288.15	288.52	

Wk. Sh. 1LT
Sh. No. 46

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 09:22:17 WK1LT.DGN

DESIGN TEAM: TAYLOR | FILENAME: WK1LT.DGN | COUNTY: RANKIN | PROJECT NO. : STP-0056-01(075) | SHEET ID: HIGHWAY 25 - LAKELAND DRIVE

ADDENDUM

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

REVISIONS		
	DATE	BY
1	8/12/15	JT

1 ADDED PIPES

1 REVISED DRAINAGE

B.O.P. Sta. 233+00 HWY 25

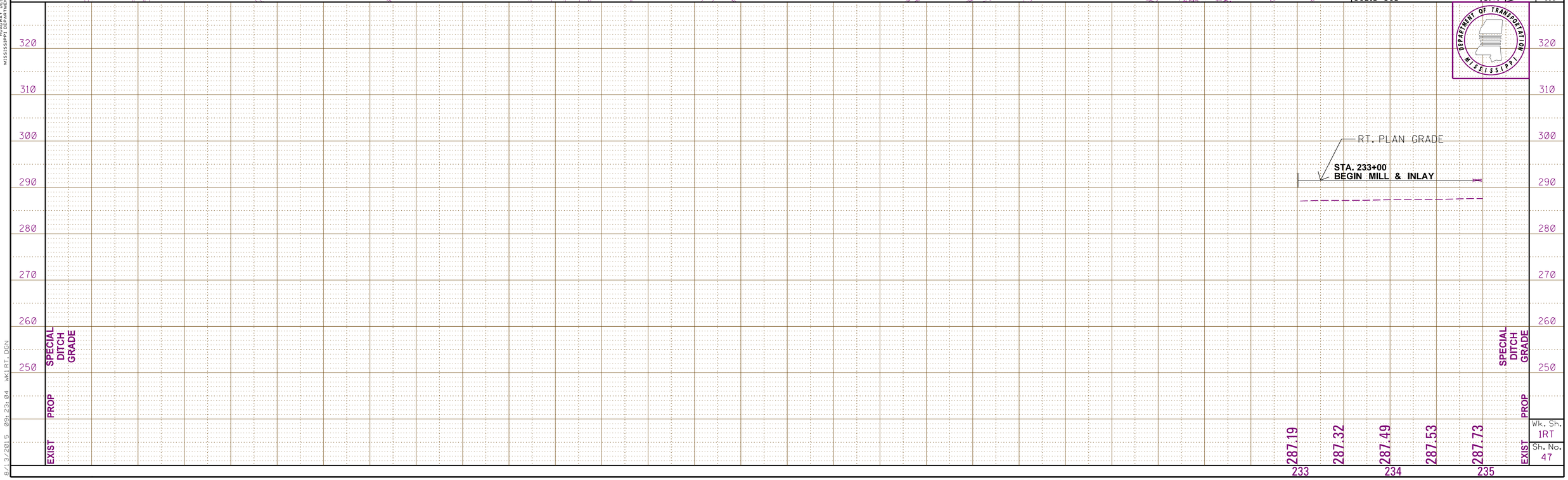
PC Sta. 228+26.240

PCC Sta. 228+26.240

SR-475

Curve SR25-1
Δ = 2° 00′ 00.000″ (RT)
D = 1° 00′ 00.000″
L = 200.000′
T = 100.010′
R = 5,729.578′
BK N 57° 53′ 00.000″ E
AH N 59° 53′ 00.000″ E
PC 226+26.240
PT 228+26.240

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		160.9
SOIL REINF. MATERIAL	S.Y.		
PAVED DITCH	C.Y.		
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		115



PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 09:23:04 WK1RT.DGN

Wk. Sh. 1RT
Sh. No. 47

DESIGN TEAM: TAYLOR | FILENAME: WK1RT.DGN | COUNTY: RANKIN | PROJECT NO. : STP-0056-01(075) | SHEET ID: HIGHWAY 25 - LAKELAND DRIVE

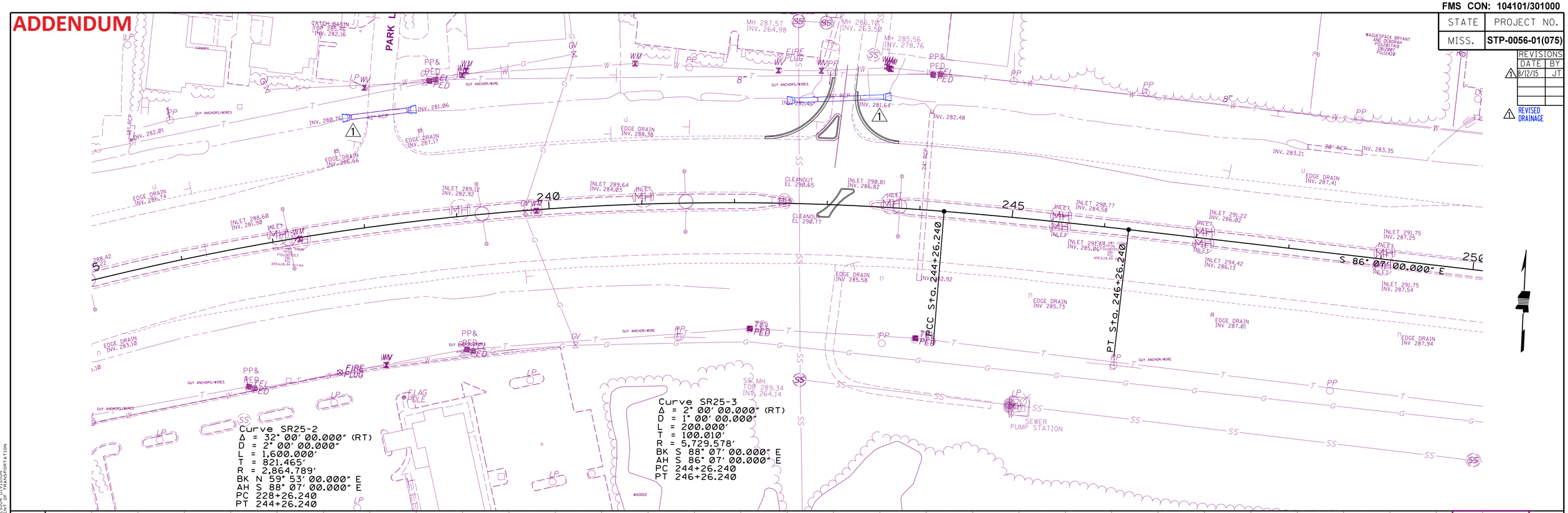
FMS CON: 104101/301000

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

REVISIONS		
	DATE	BY
1	8/12/15	JT

1 REVISED DRAINAGE



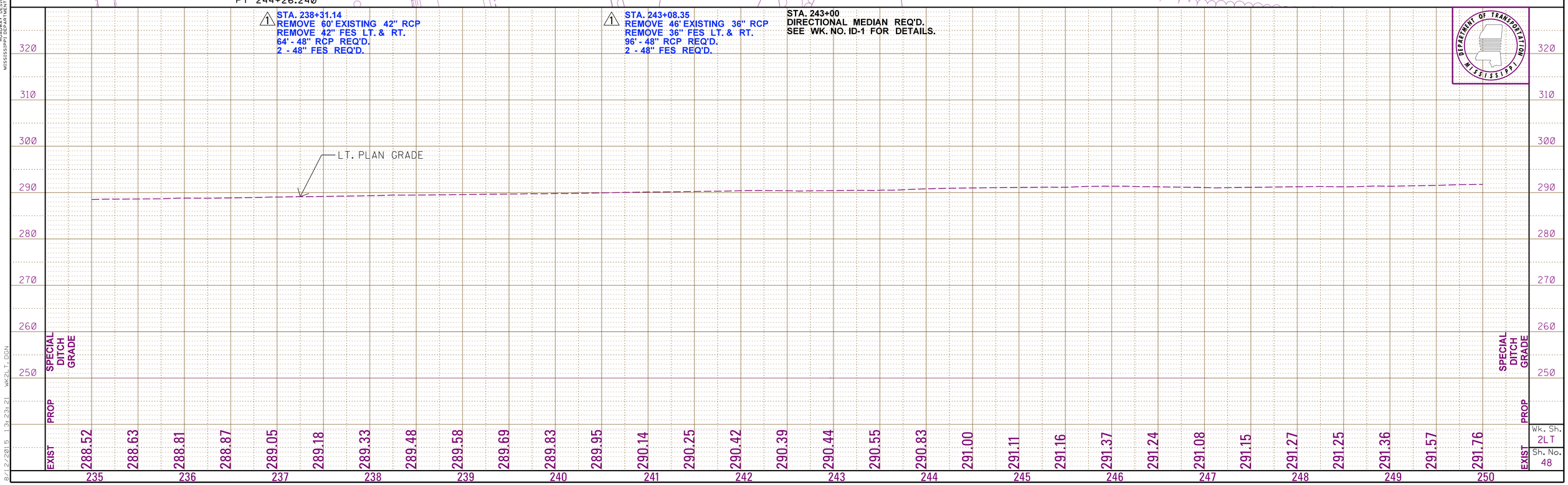
Curve SR25-2
Δ = 32° 00′ 00.000″ (RT)
D = 2° 00′ 00.000″
L = 1,600.000′
T = 821.465′
R = 2,864.789′
BK N 59° 53′ 00.000″ E
AH S 88° 07′ 00.000″ E
PC 228+26.240
PT 244+26.240

Curve SR25-3
Δ = 2° 00′ 00.000″ (RT)
D = 1° 00′ 00.000″
L = 200.000′
T = 100.010′
R = 5,729.578′
BK S 88° 07′ 00.000″ E
AH S 86° 07′ 00.000″ E
PC 244+26.240
PT 246+26.240

1 STA. 238+31.14
REMOVE 60' EXISTING 42" RCP
REMOVE 42" FES LT. & RT.
64' - 48" RCP REQ'D.
2 - 48" FES REQ'D.

1 STA. 243+08.35
REMOVE 46' EXISTING 36" RCP
REMOVE 36" FES LT. & RT.
96' - 48" RCP REQ'D.
2 - 48" FES REQ'D.

STA. 243+00
DIRECTIONAL MEDIAN REQ'D.
SEE WK. NO. ID-1 FOR DETAILS.



Wk. Sh. 2LT
Sh. No. 48

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 1:31:21 WK2LT.DGN

DESIGN TEAM: TAYLOR | FILENAME: WK2LT.DGN | COUNTY: RANKIN | PROJECT NO. : STP-0056-01(075) | SHEET ID: HIGHWAY 25 - LAKELAND DRIVE

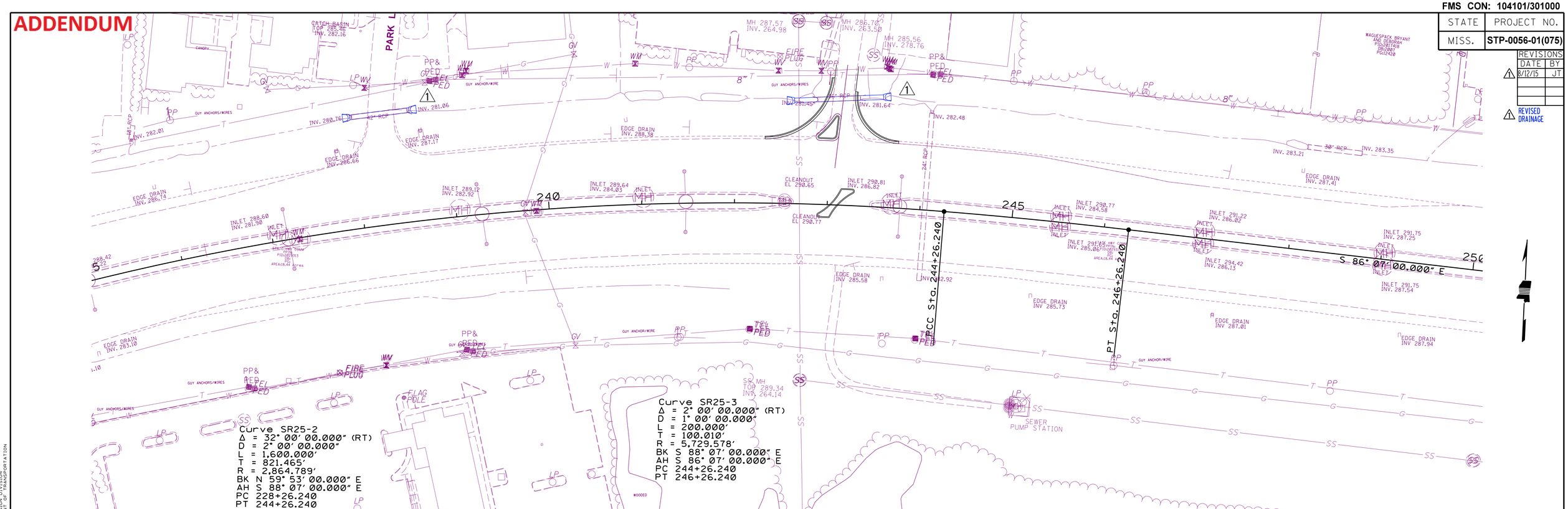
FMS CON: 104101/301000

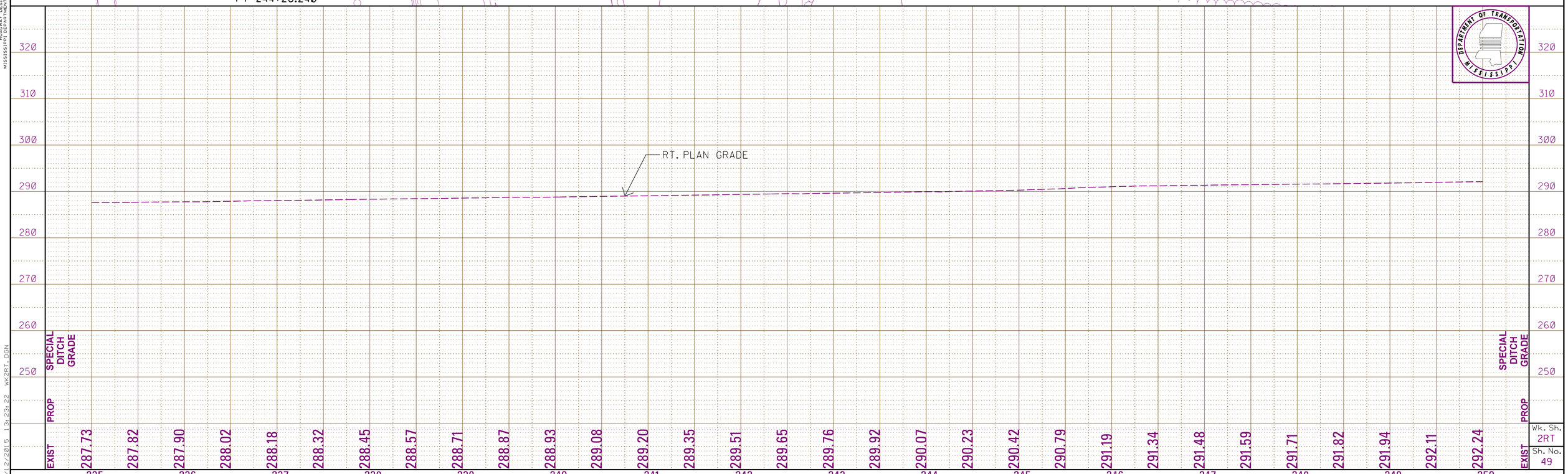
ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

REVISIONS		
	DATE	BY
1	8/12/15	JT

1 REVISED DRAINAGE





PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 1:31:22 WK2RT.DGN

DESIGN TEAM: TAYLOR FILENAME: WK2RT.DGN COUNTY: RANKIN PROJECT NO. : STP-0056-01(075) SHEET ID: HIGHWAY 25 - LAKELAND DRIVE

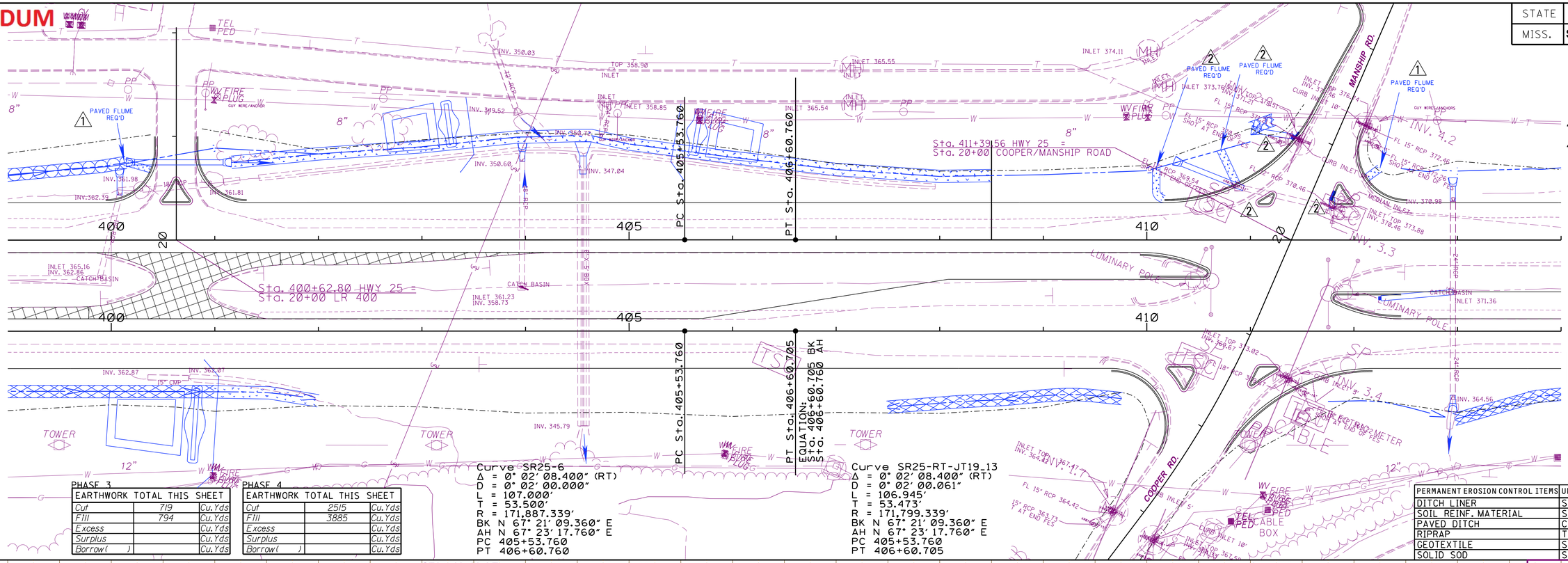
FMS CON: 104101/301000

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

REVISIONS		
	DATE	BY
1	7/20/15	JT
2	8/12/15	JT

1 ADDED PAVED FLUMES
2 REVISED DRAINAGE



Curve SR25-6
Δ = 0° 02' 08.400" (RT)
D = 0° 02' 00.000"
L = 107.000'
T = 53.500'
R = 171,887.339'
BK N 67° 21' 09.360" E
AH N 67° 23' 17.760" E
PC 405+53.760
PT 406+60.760

Curve SR25-RT-JT19_13
Δ = 0° 02' 08.400" (RT)
D = 0° 02' 00.061"
L = 106.945'
T = 53.473'
R = 171,799.339'
BK N 67° 21' 09.360" E
AH N 67° 23' 17.760" E
PC 405+53.760
PT 406+60.705

PHASE 3

EARTHWORK TOTAL THIS SHEET		
Cut	719	Cu.Yds
Fill	794	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow( )		Cu.Yds

PHASE 4

EARTHWORK TOTAL THIS SHEET		
Cut	2515	Cu.Yds
Fill	3885	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow( )		Cu.Yds

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINF. MATERIAL	S.Y.		102.4
PAVED DITCH	C.Y.		43.5
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		335.0

STA. 399+97.59
REMOVE EXISTING 18" FES
EXTEND EXISTING 18" RCP W/
24' - 18" RCP REQ'D. 13° SKEW RT. FWD.
1 - 18" FES REQ'D.
1 - 18" PC-1 REQ'D.
DITCH PLUG REQ'D. RT.

STA. 403+30 LT.
TYPE D SILT BASIN
45' DIKE, HT=6'
291.6 TONS OF RIPRAP
42.19 TONS OF S.C.S.
D.A. = 2.78 ACRES

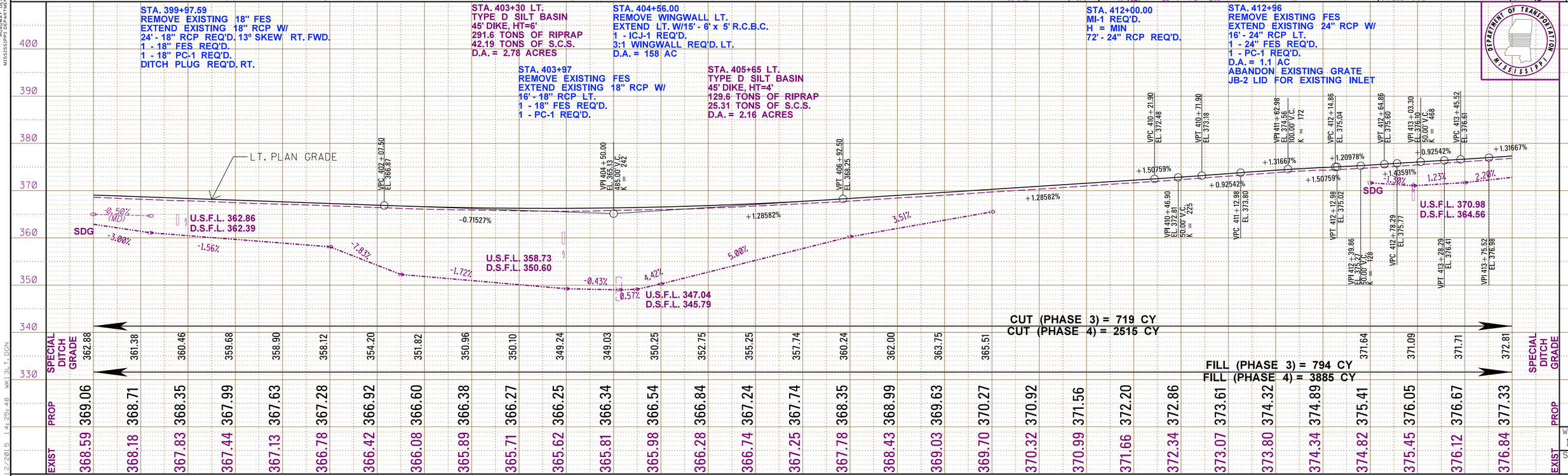
STA. 403+97
REMOVE EXISTING FES
EXTEND EXISTING 18" RCP W/
16' - 18" RCP LT.
1 - 18" FES REQ'D.
1 - PC-1 REQ'D.

STA. 404+56.00
REMOVE WINGWALL LT.
EXTEND LT. W/15' - 6' x 5' R.C.B.C.
1 - ICJ-1 REQ'D.
3:1 WINGWALL REQ'D. LT.
D.A. = 158 AC

STA. 405+65 LT.
TYPE D SILT BASIN
45' DIKE, HT=4'
129.6 TONS OF RIPRAP
25.31 TONS OF S.C.S.
D.A. = 2.16 ACRES

STA. 412+00.00
MI-1 REQ'D.
H = MIN
72' - 24" RCP REQ'D.

STA. 412+96
REMOVE EXISTING FES
EXTEND EXISTING 24" RCP W/
16' - 24" RCP LT.
1 - 24" FES REQ'D.
1 - PC-1 REQ'D.
D.A. = 1.1 AC
ABANDON EXISTING GRATE
JB-2 LID FOR EXISTING INLET



Sta.	SPECIAL DITCH GRADE	PROP	EXIST
399	362.88	369.06	368.59
400	361.38	368.71	368.18
400	360.46	368.35	367.83
401	359.68	367.99	367.44
401	358.90	367.63	367.13
402	358.12	367.28	366.78
402	354.20	366.92	366.42
403	351.82	366.60	366.08
403	350.96	366.38	365.89
404	350.10	366.27	365.71
404	349.24	366.25	365.62
405	349.03	366.34	365.81
405	350.25	366.54	365.98
406	352.75	366.84	366.28
406	355.25	367.24	366.74
407	357.74	367.74	367.25
407	360.24	368.35	367.78
408	362.00	368.99	368.43
408	363.75	369.63	369.03
409	365.51	370.27	369.70
410		370.92	370.32
411		371.56	370.99
412		372.20	371.66
413	364.64	372.86	372.34
414	365.45	373.61	373.07
	365.60	374.32	373.80
	365.77	374.89	374.34
	366.41	375.41	374.82
	366.98	376.05	375.45
	367.71	376.67	376.12
	368.81	377.33	376.84
	371.64	372.81	
	371.09		
	371.71		

Wk. Sh. 13LT
Sh. No. 85

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 14:25:48 WK13LT.DGN

DESIGN TEAM: TAYLOR | FILENAME: WK13LT.DGN | COUNTY: RANKIN | PROJECT NO.: STP-0056-01(075) | SHEET ID: HIGHWAY 25 - LAKELAND DRIVE

FMS CON: 104101/301000

ADDENDUM

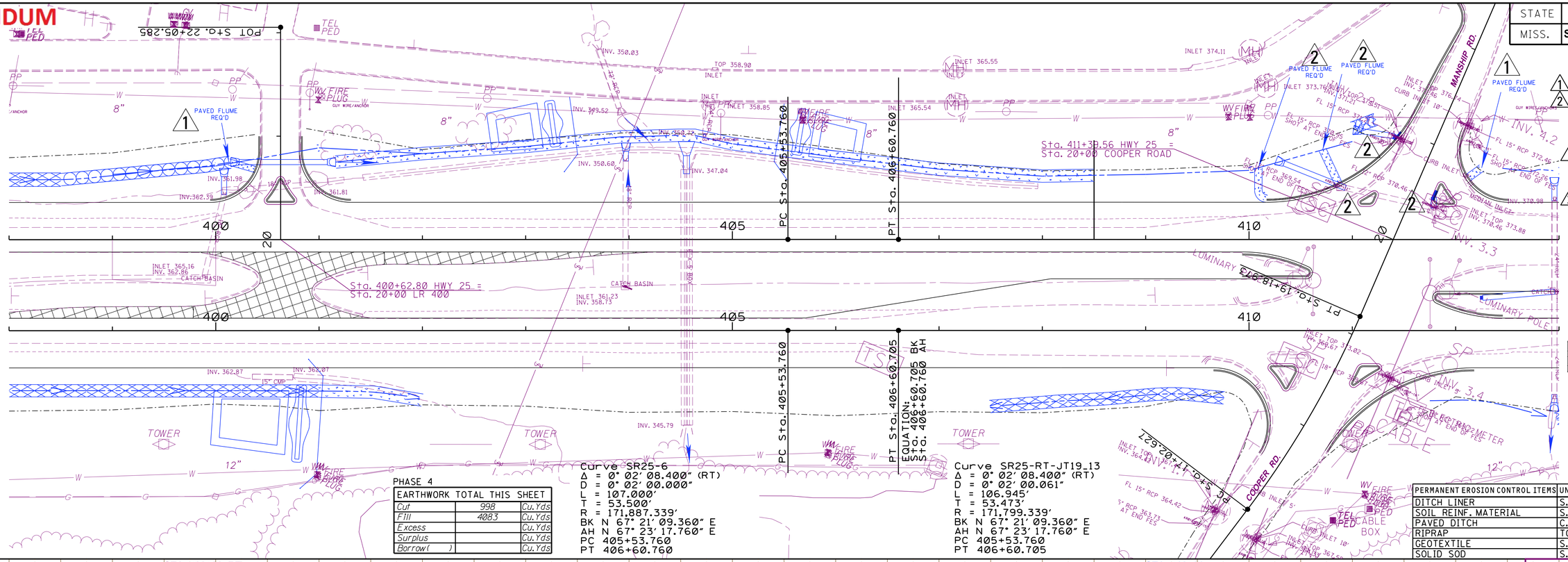
STATE	PROJECT NO.
MISS.	STP-0056-01(075)

REVISIONS		
	DATE	BY
1	7/20/15	JT
2	8/12/15	JT

1 ADDED PAVED FLUMES

2 REVISED DRAINAGE

EXISTING PAVEMENT TO BE REMOVED



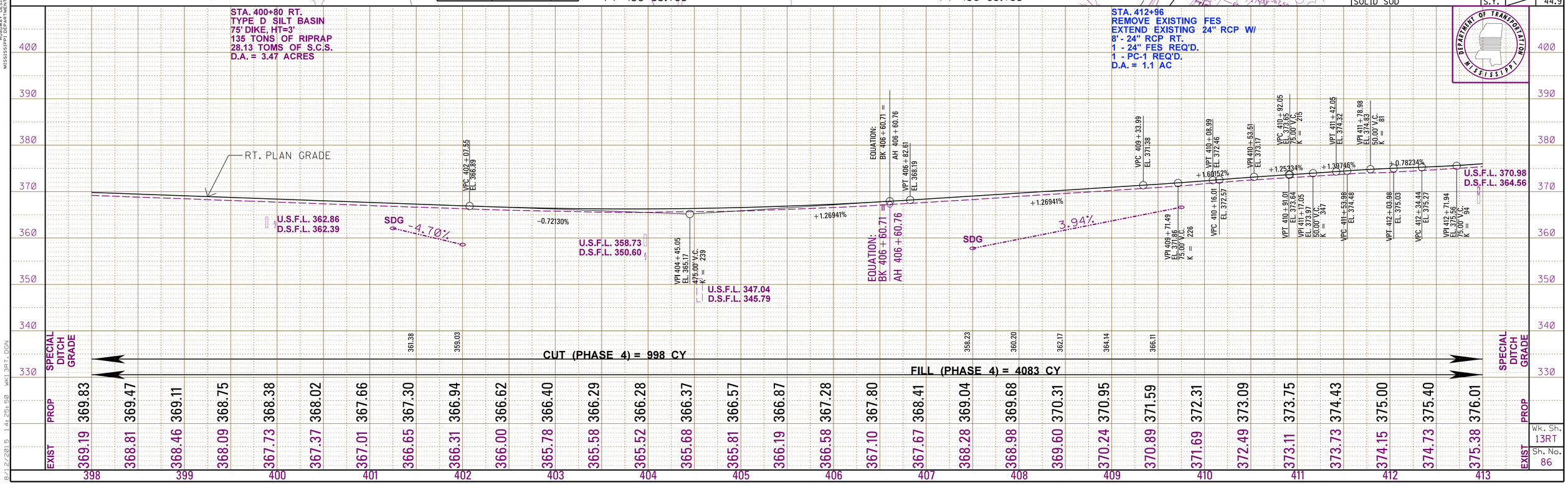
PHASE 4

EARTHWORK TOTAL THIS SHEET		
Cut	998	Cu.Yds
Fill	4083	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow( )		Cu.Yds

Curve SR25-6
Δ = 0° 02′ 08.400″ (RT)
D = 0° 02′ 00.000″
L = 107.000′
T = 53.500′
R = 171,887.339′
BK N 67° 21′ 09.360″ E
AH N 67° 23′ 17.760″ E
PC 405+53.760
PT 406+60.760

Curve SR25-RT-JT19_13
Δ = 0° 02′ 08.400″ (RT)
D = 0° 02′ 00.061″
L = 106.945′
T = 53.473′
R = 171,799.339′
BK N 67° 21′ 09.360″ E
AH N 67° 23′ 17.760″ E
PC 405+53.760
PT 406+60.705

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		236.6
SOIL REINF. MATERIAL	S.Y.		
PAVED DITCH	C.Y.		5.0
RIPRAP	TON		
GEOTEXTILE	S.Y.		
SOLID SOD	S.Y.		44.9



PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 14:25:50 WK13RT.DGN

DESIGN TEAM: TAYLOR | FILENAME: WK13RT.DGN | COUNTY: RANKIN | PROJECT NO. : STP-0056-01(075) | SHEET ID: HIGHWAY 25 - LAKELAND DRIVE

ADDENDUM

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

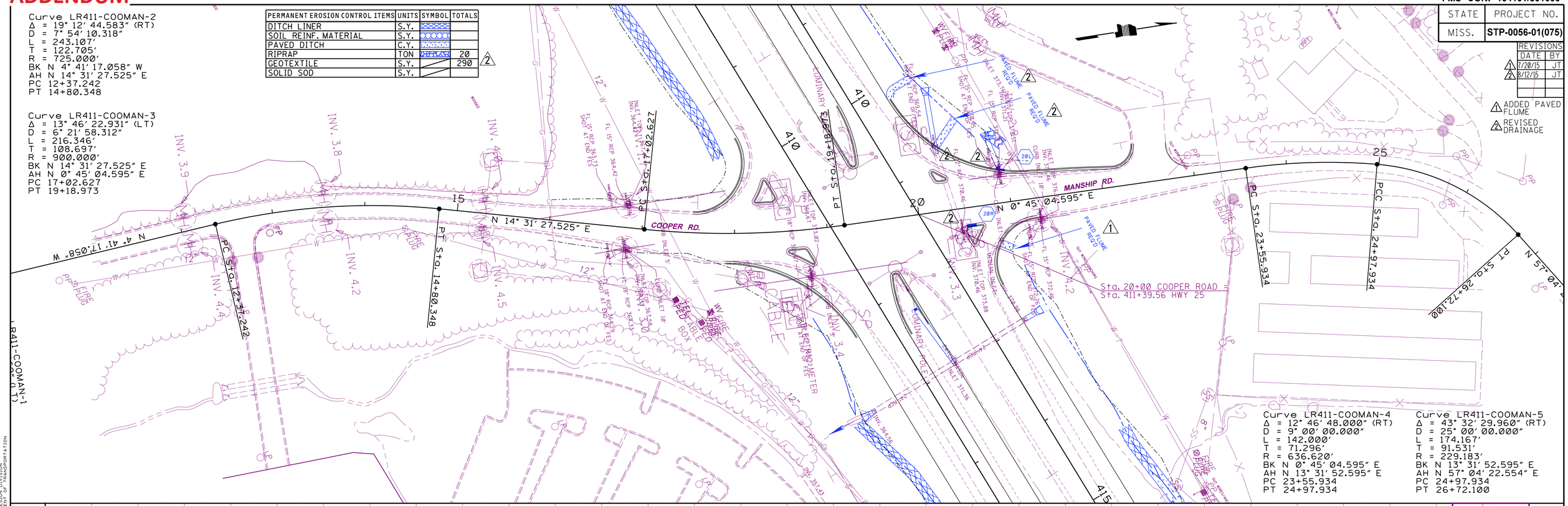
REVISIONS		
	DATE	BY
1	7/20/15	JT
2	8/12/15	JT

1 ADDED PAVED FLUME
2 REVISED DRAINAGE

Curve LR411-COOMAN-2
Δ = 19° 12′ 44.583″ (RT)
D = 7° 54′ 10.318″
L = 243.107′
T = 122.705′
R = 725.000′
BK N 4° 41′ 17.058″ W
AH N 14° 31′ 27.525″ E
PC 12+37.242
PT 14+80.348

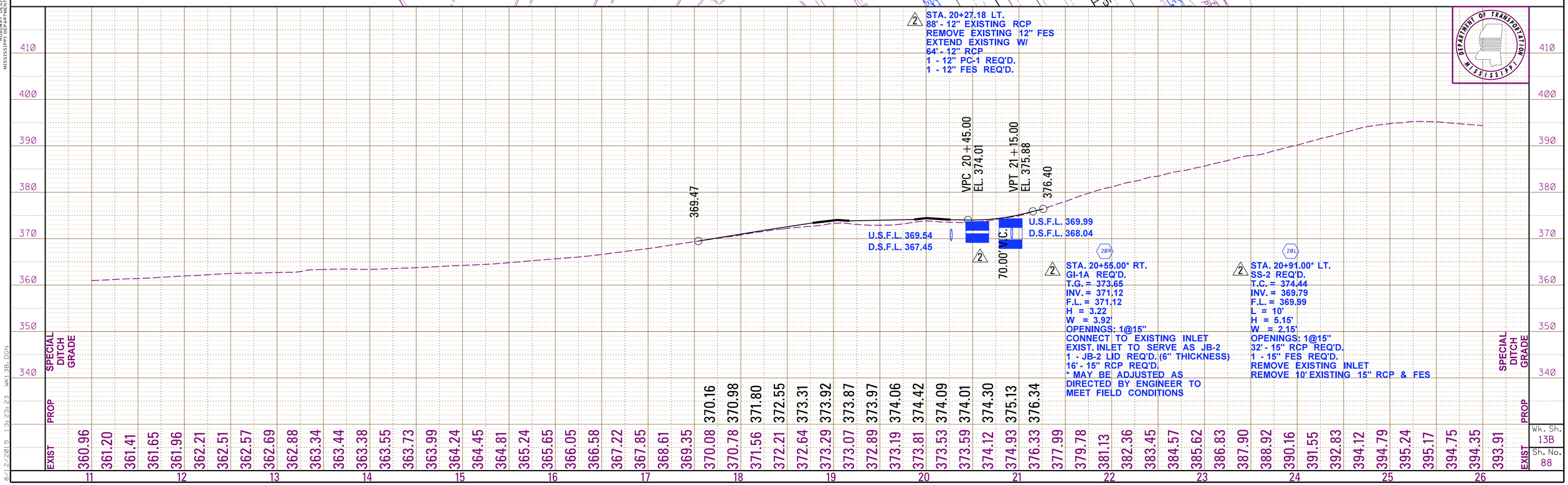
Curve LR411-COOMAN-3
Δ = 13° 46′ 22.931″ (LT)
D = 6° 21′ 58.312″
L = 216.346′
T = 108.697′
R = 900.000′
BK N 14° 31′ 27.525″ E
AH N 0° 45′ 04.595″ E
PC 17+02.627
PT 19+18.973

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		
SOIL REINF. MATERIAL	S.Y.		
PAVED DITCH	C.Y.		
RIPRAP	TON		20
GEOTEXTILE	S.Y.		290
SOLID SOD	S.Y.		



Curve LR411-COOMAN-4
Δ = 12° 46′ 48.000″ (RT)
D = 9° 00′ 00.000″
L = 142.000′
T = 71.296′
R = 636.620′
BK N 0° 45′ 04.595″ E
AH N 13° 31′ 52.595″ E
PC 23+55.934
PT 24+97.934

Curve LR411-COOMAN-5
Δ = 43° 32′ 29.960″ (RT)
D = 25° 00′ 00.000″
L = 174.167′
T = 91.531′
R = 229.183′
BK N 13° 31′ 52.595″ E
AH N 57° 04′ 22.554″ E
PC 24+97.934
PT 26+72.100



PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 13:23:23 WK13B.DGN

Wk. Sh. 13B
Sh. No. 88

DESIGN TEAM: TAYLOR | FILENAME: WK13B.DGN | COUNTY: RANKIN | PROJECT NO.: STP-0056-01(075) | SHEET ID: COOPER ROAD / MANSHIP ROAD

FMS CON: 104101/301000

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

REVISIONS		
	DATE	BY
1	8/12/15	JT

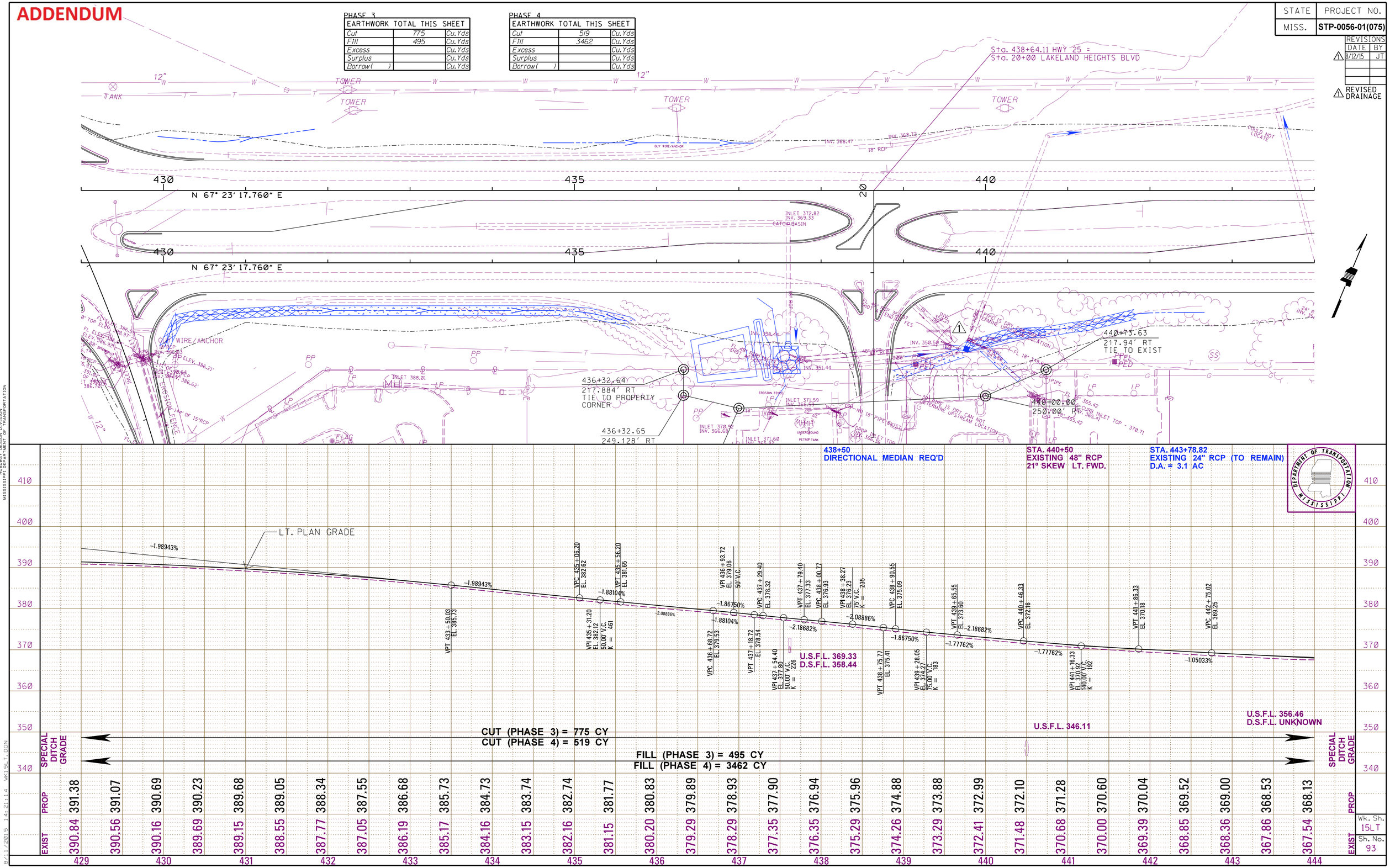
1 REVISED DRAINAGE

PHASE 3

EARTHWORK TOTAL THIS SHEET		
Cut	775	Cu.Yds
Fill	495	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow( )		Cu.Yds

PHASE 4

EARTHWORK TOTAL THIS SHEET		
Cut	519	Cu.Yds
Fill	3462	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow( )		Cu.Yds



PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/11/2015 14:21:14 WK15LT.DGN

DESIGN TEAM: TAYLOR | FILENAME: WK15LT.DGN | COUNTY: RANKIN | PROJECT NO.: STP-0056-01(075) | SHEET ID: HIGHWAY 25 - LAKELAND DRIVE

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

REVISIONS		
	DATE	BY
1	7/20/15	JT
2	8/12/15	JT

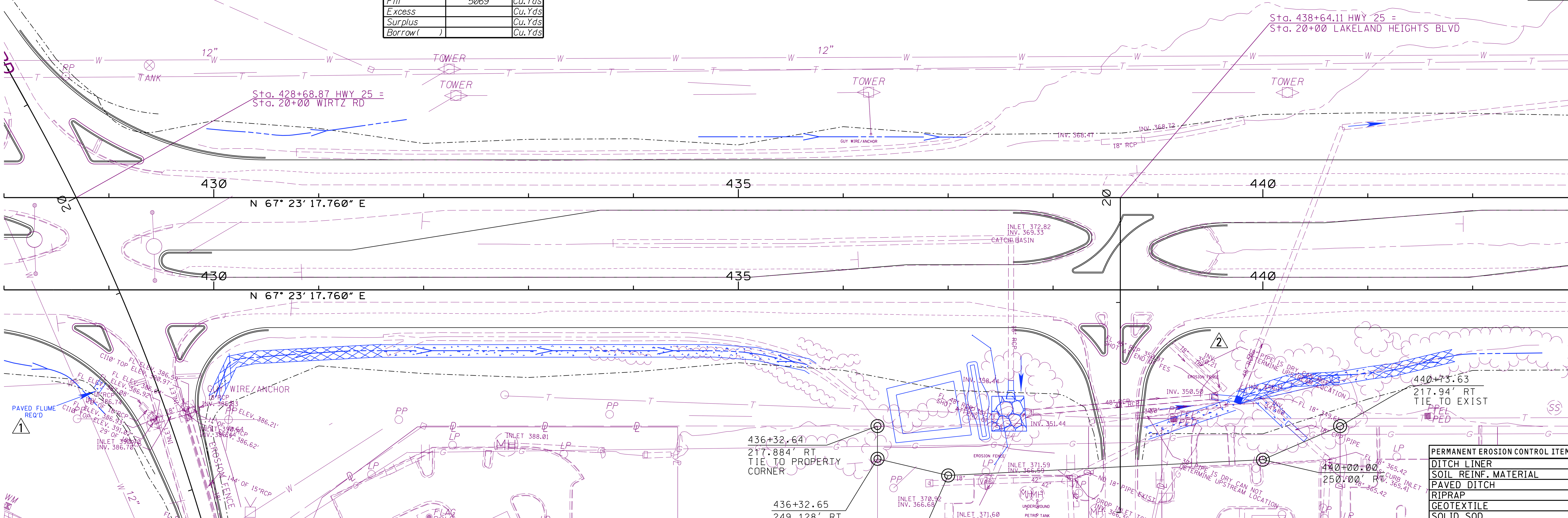
1 ADDED PAVED FLUME

2 REVISED DRAINAGE

ADDENDUM

PHASE 4

EARTHWORK TOTAL THIS SHEET		
Cut	1499	Cu.Yds
Fill	5069	Cu.Yds
Excess		Cu.Yds
Surplus		Cu.Yds
Borrow( )		Cu.Yds



2

PERMANENT EROSION CONTROL ITEMS	UNITS	SYMBOL	TOTALS
DITCH LINER	S.Y.		164.1
SOIL REINF. MATERIAL	S.Y.		
PAVED DITCH	C.Y.		35.0
RIPRAP	TON		10.7
GEOTEXTILE	S.Y.		118.5
SOLID SOD	S.Y.		265.2

Wk. Sh. 15RT

Sh. No. 94

PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/11/2015 14:21:15 WK15RT.DGN

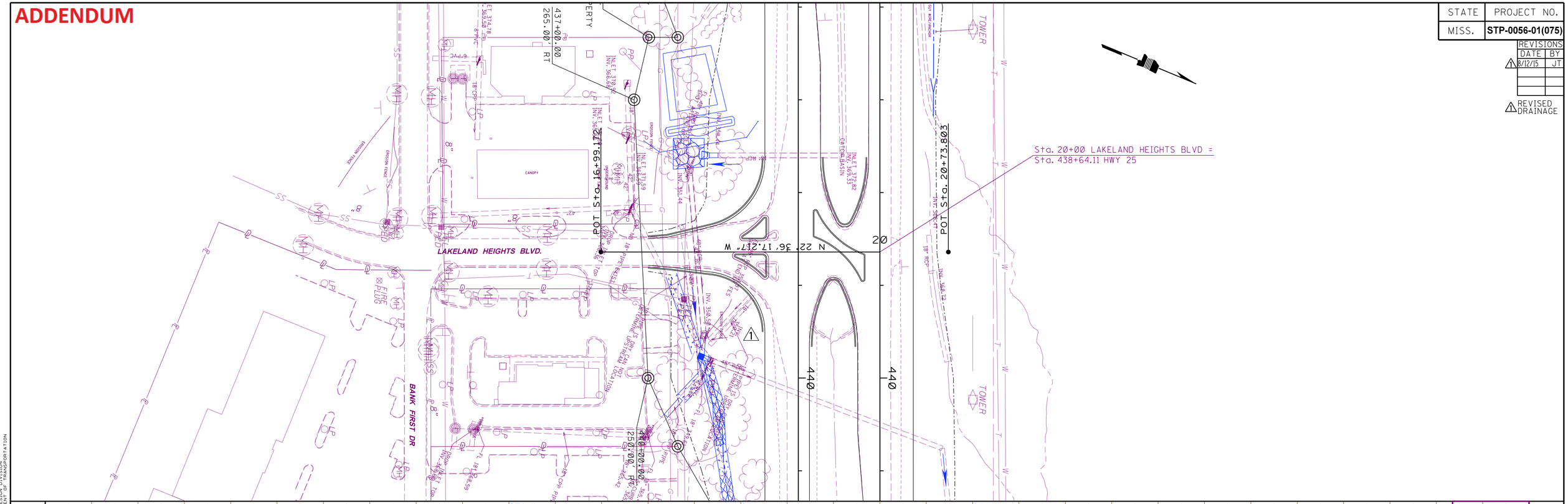
FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

REVISIONS	
DATE	BY
1 8/12/15	JT

1 REVISED DRAINAGE

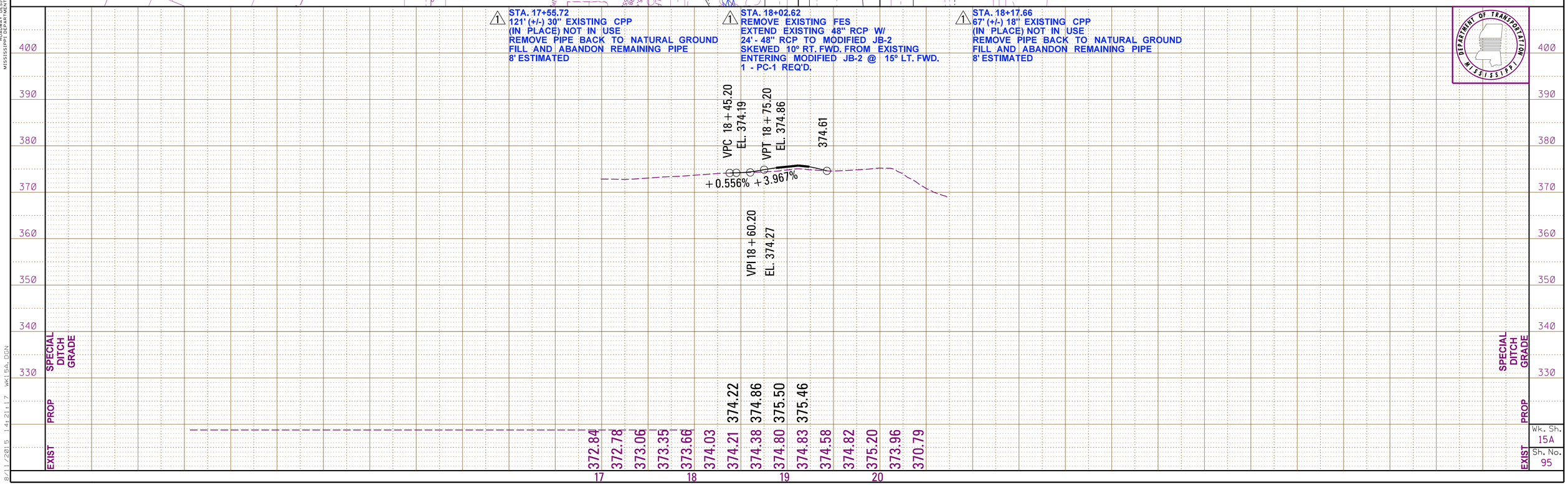
ADDENDUM



1 STA. 17+55.72
121' (+/-) 30" EXISTING CPP
(IN PLACE) NOT IN USE
REMOVE PIPE BACK TO NATURAL GROUND
FILL AND ABANDON REMAINING PIPE
8' ESTIMATED

1 STA. 18+02.62
REMOVE EXISTING FES
EXTEND EXISTING 48" RCP W/
24' - 48" RCP TO MODIFIED JB-2
SKEWED 10° RT. FWD. FROM EXISTING
ENTERING MODIFIED JB-2 @ 15° LT. FWD.
1 - PC-1 REQ'D.

1 STA. 18+17.66
67' (+/-) 18" EXISTING CPP
(IN PLACE) NOT IN USE
REMOVE PIPE BACK TO NATURAL GROUND
FILL AND ABANDON REMAINING PIPE
8' ESTIMATED



PLAN-PROFILE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/11/2015 14:21:17 WK15A.DGN

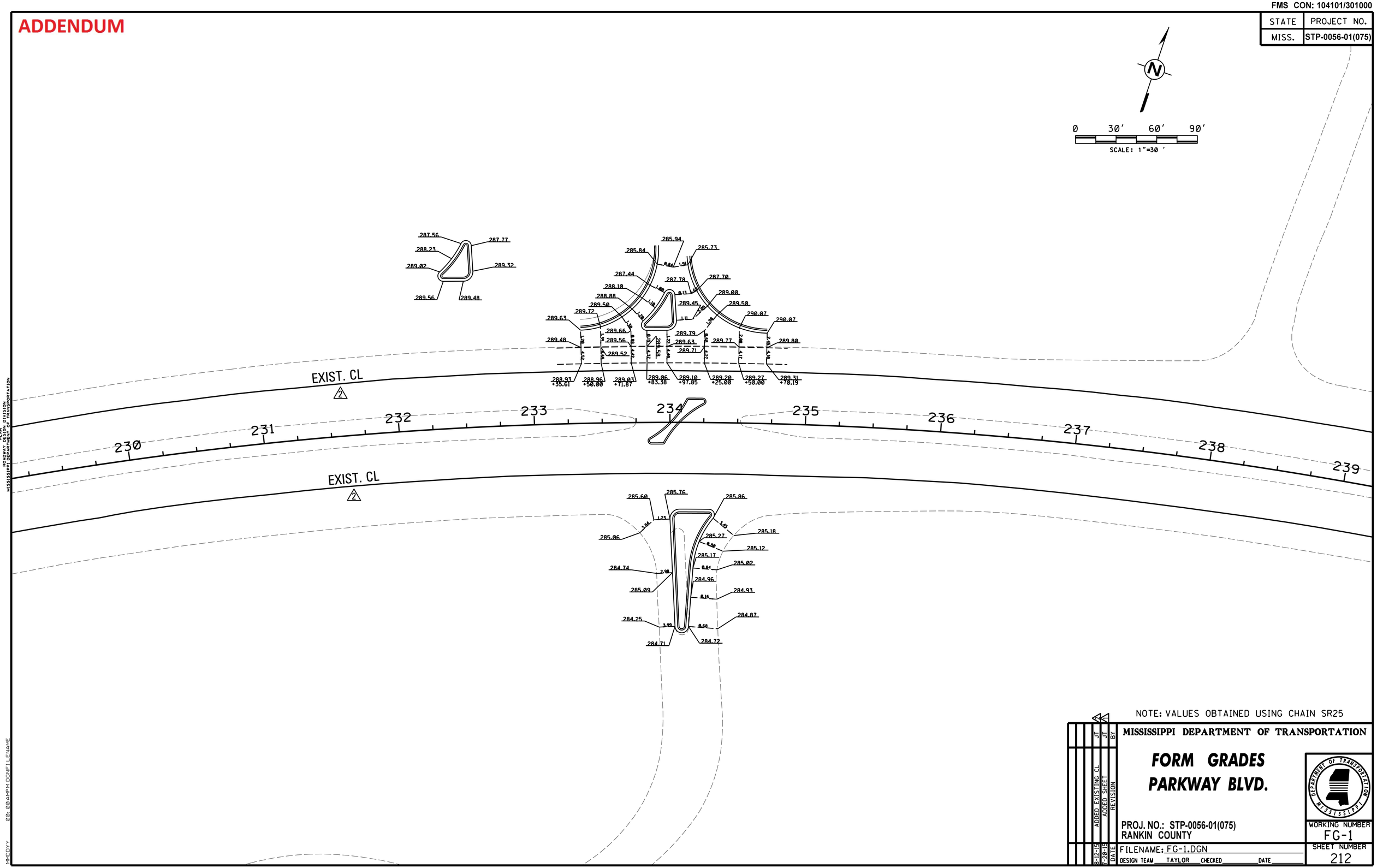
Wk. Sh. 15A
Sh. No. 95

DESIGN TEAM: TAYLOR | FILENAME: WK15A.DGN | COUNTY: RANKIN | PROJECT NO. : STP-0056-01(075) | SHEET ID: LAKELAND HEIGHTS BOULEVARD

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



NOTE: VALUES OBTAINED USING CHAIN SR25

BY	DATE	REVISION
JT	8-12-15	ADDED EXISTING CL
JT	7-20-15	ADDED SHEET

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

FORM GRADES PARKWAY BLVD.

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: FG-1.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER
FG-1

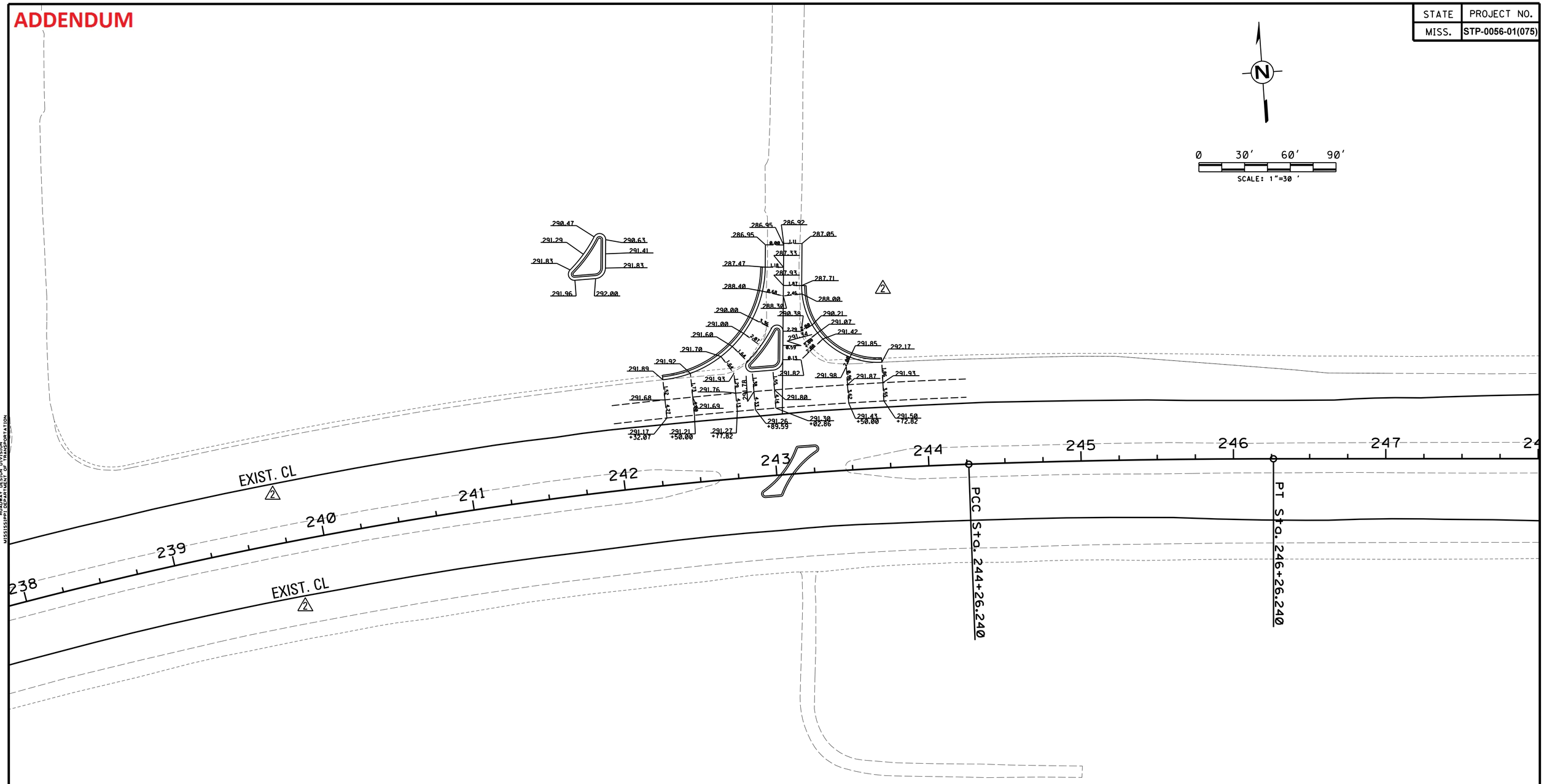
SHEET NUMBER
212

R.O.W. DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
MODIFY 08:00:00AM MDNFILENAME

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



DATE	REVISION	BY
8-12-15	ADDED FORM GRADES & EX. CL	JT
7-20-15	ADDED SHEET	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

FORM GRADES JONES LANE

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: FG-2.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER FG-2

SHEET NUMBER 213

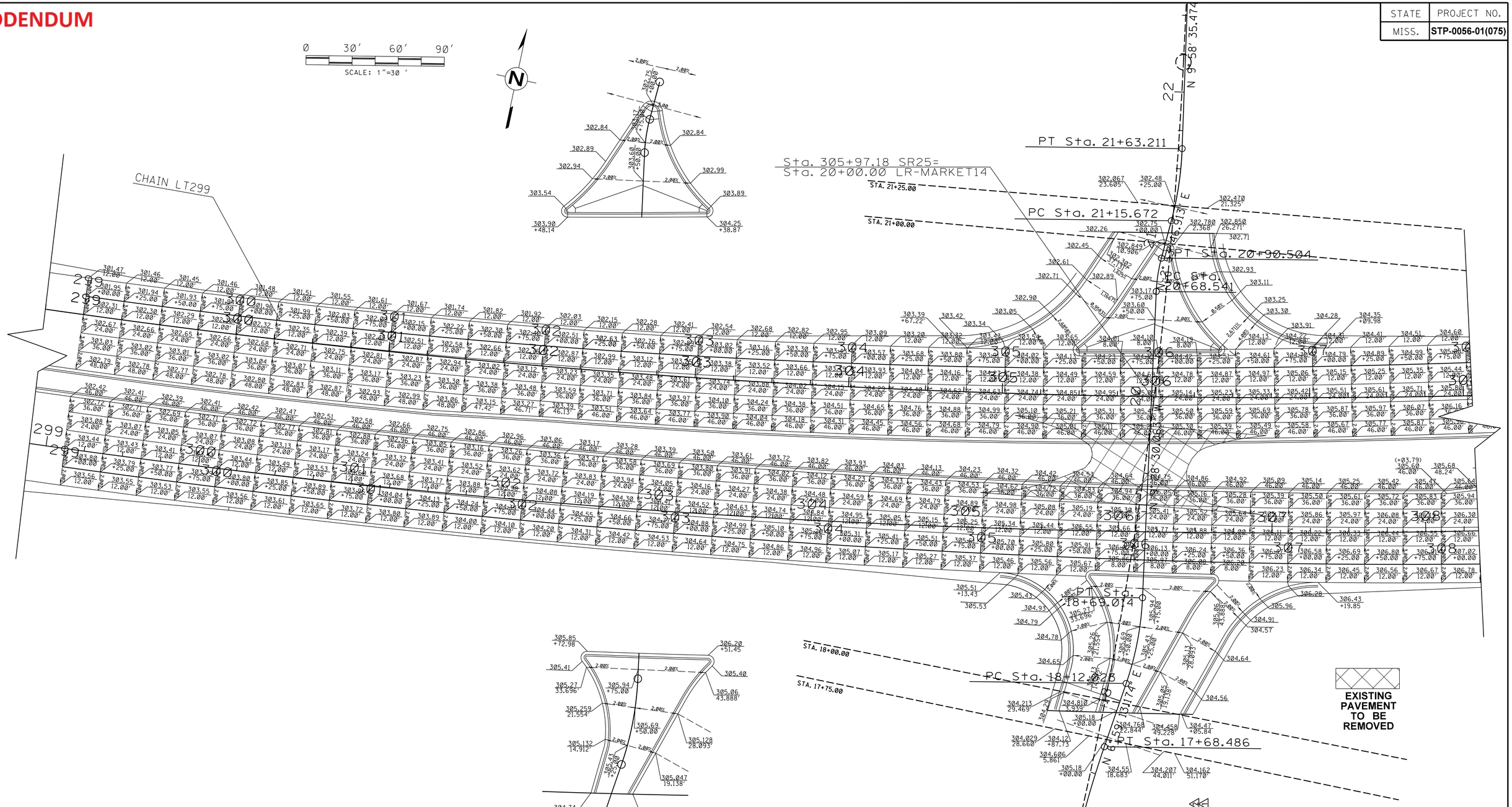
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MMDDYY 00:00AM PM DGNFILENAME

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

BY	DATE	REVISION
JT	8-12-15	REVISED FORM GRADES
JT	7-20-15	ADDED SHEET

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

FORM GRADES MARKET ST.

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: FG-9.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER FG-9

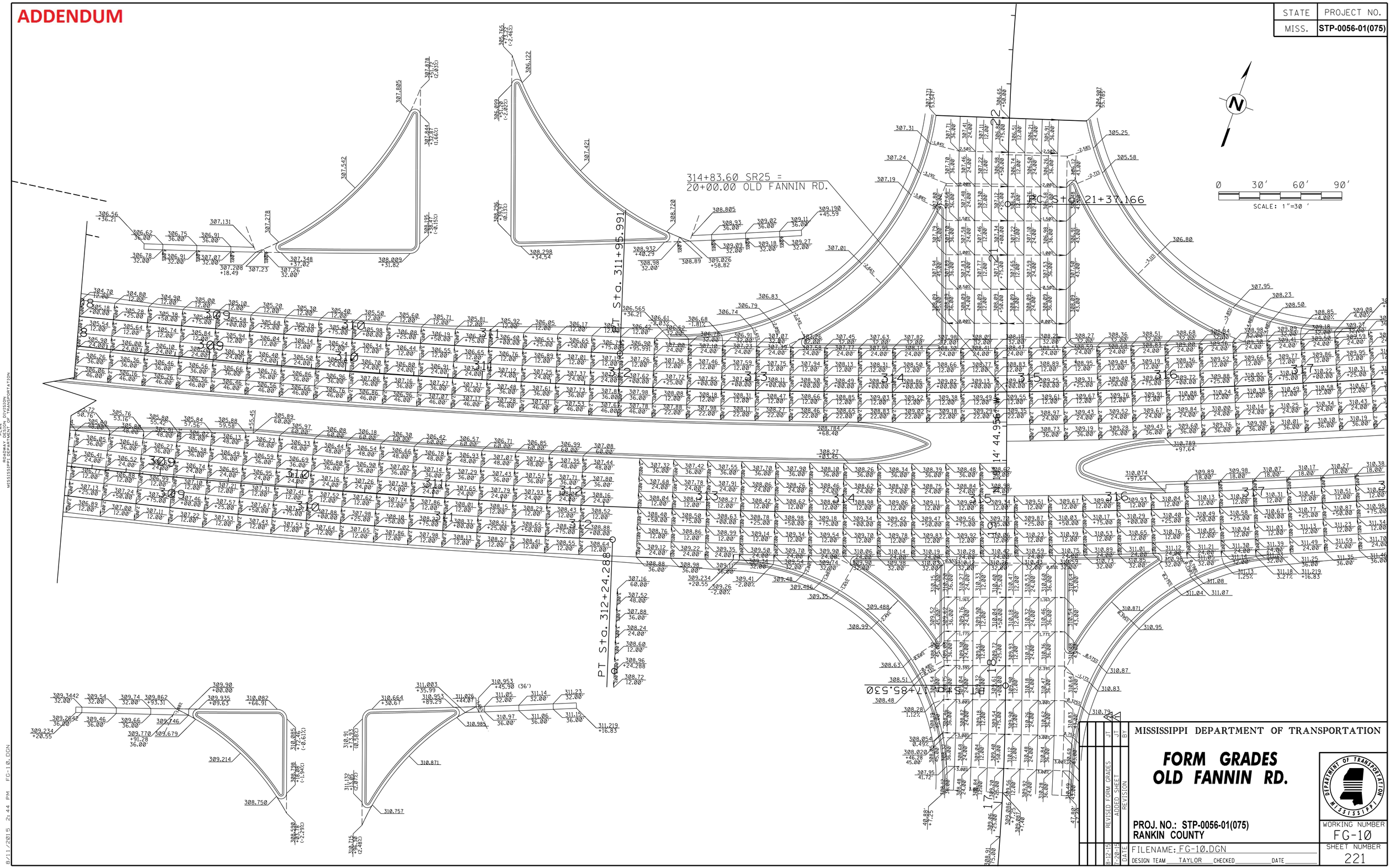
SHEET NUMBER 220

8/11/2015 2:44 PM FG-9.DGN

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/11/2015 2:44 PM FG-10.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

FORM GRADES OLD FANNIN RD.

DATE	REVISION	BY
8-12-15	REVISED FORM GRADES	JT
7-20-15	ADDED SHEET	JT

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: FG-10.DGN
DESIGN TEAM TAYLOR CHECKED DATE

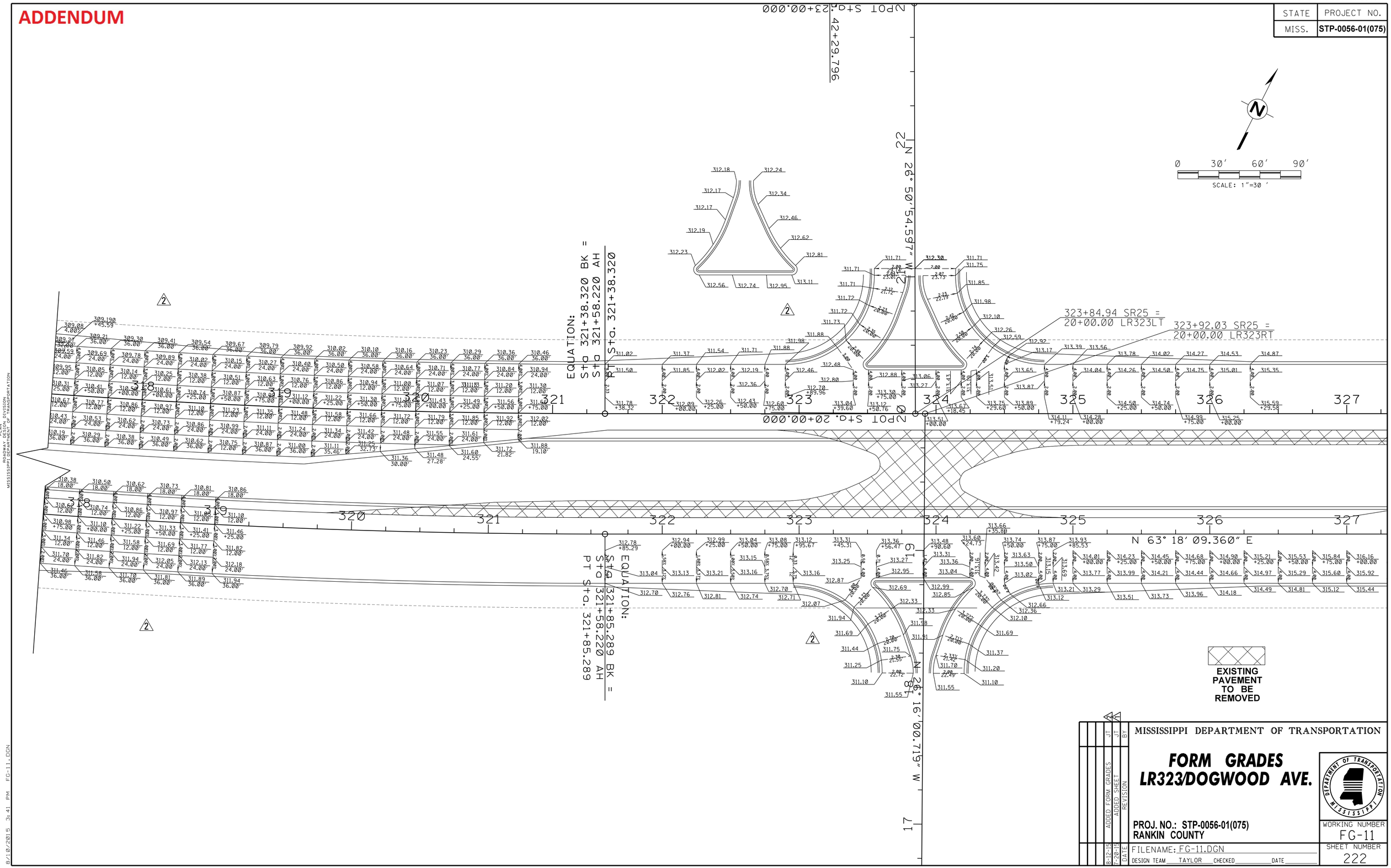
WORKING NUMBER FG-10

SHEET NUMBER 221

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

FORM GRADES LR323/DOGWOOD AVE.

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

DATE	REVISION	BY
8-12-15	ADDED FORM GRADES	JT
7-20-15	ADDED SHEET	JT

FILENAME: FG-11.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER FG-11

SHEET NUMBER 222

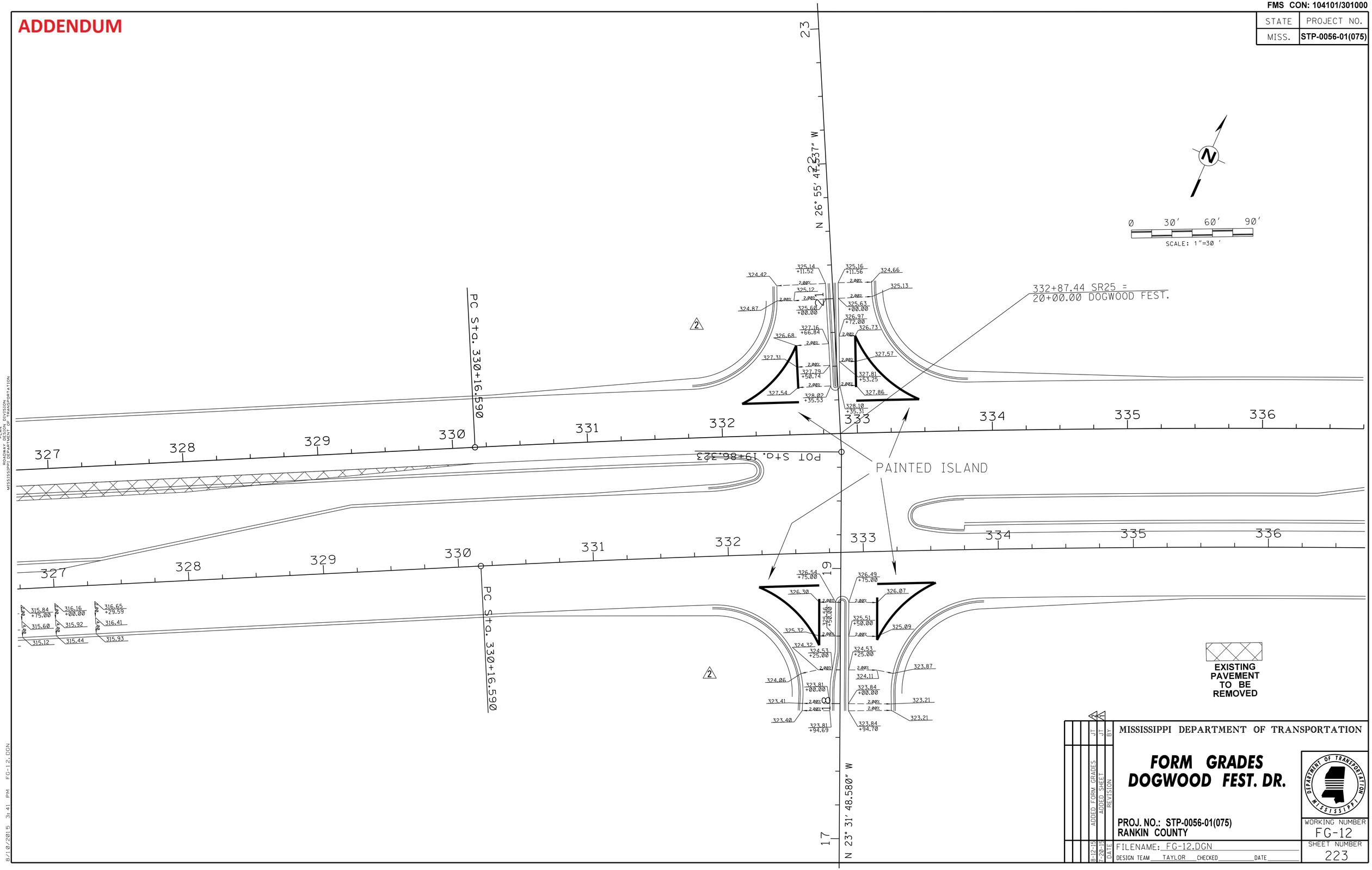
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/10/2015 3:41 PM FG-11.DGN

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



REVISION	BY	DATE
ADDED FORM GRADES	JT	8-12-15
ADDED SHEET	JT	7-20-15

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

FORM GRADES DOGWOOD FEST. DR.

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: FG-12.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER FG-12

SHEET NUMBER 223

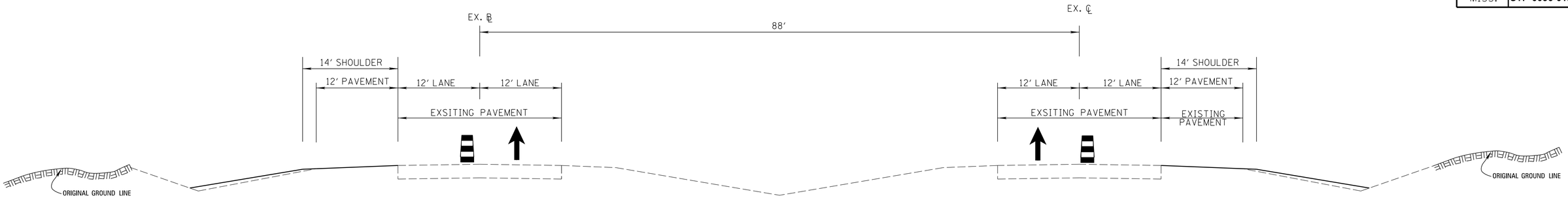
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/10/2015 3:41 PM FG-12.DGN

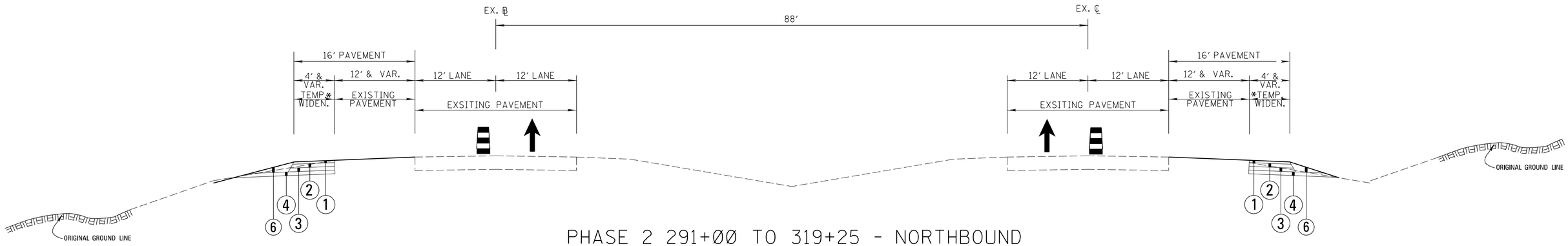
FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



PHASE 2 251+62.89 TO 291+00 - NORTHBOUND
251+62.89 TO 287+00 - SOUTHBOUND



PHASE 2 291+00 TO 319+25 - NORTHBOUND
287+00 TO 314+28.16 - SOUTHBOUND

Temporary Paving Structure

1. 1.50" Asphalt Pavement, HT (9.5 mm Mixture) (1 @ 1.5)
2. 2.00" Asphalt Pavement, HT (12.5 mm Mixture) (1 @ 2)
3. 3.00" Asphalt Pavement, HT (19 mm Mixture) (1 @ 3)
4. △1 6.00" Crushed Stone with Geotextile Fabric Type V (Non–Woven)

△2 △1 12.50" Structure Thickness

△2 △1 6. 6.50" & Various Shoulder Granular (5⁄E)

PHASE 2:

TO BE CONSTRUCTED UNDER A LANE CLOSURE AT NIGHT USING DRUMS
8' MINIMUM OF POSITIVE SEPARATION BETWEEN WORK ZONE AND TRAFFIC

CONSTRUCT OUTSIDE SHOULDERS

REMOVAL OF EXISTING SHOULDER PRIOR TO OUTSIDE SHOULDER CONSTRUCTION
252+00.00 TO 291+00 - NORTHBOUND ONLY
253+00.00 TO 287+00- SOUTHBOUND ONLY

SEE TS-2 AND TS-3 FOR OUTSIDE SHOULDER PAVEMENT STRUCTURE
REMAINING LIFTS OF SHOULDER TO BE PLACED IN PHASE 4

TEMPORARY PAVING

WIDEN RIGHT TURN LANES 4' AT INTERSECTIONS
291+00 TO 319+25 - NORTHBOUND
287+00 TO 314+28.16 - SOUTHBOUND

PERMANENT PAVEMENT STRUCTURE WITHIN 100 FEET OF BRIDGE APPROACHES SHALL BE PLACED PRIOR TO BRIDGE END PAVEMENT AND RAIL WORK. THIS SHOULD BE FINISHED WHEN THE MEDIAN WORK IS COMPLETED.

LEGEND

↑ DIRECTION OF TRAFFIC DURING CONSTRUCTION

DATE	REVISION	BY
8/12/15	REVISED STRUCTURE THICKNESS	JT
7/20/15	REVISED PAVING STRUCTURE LEGEND	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAIL

TRAFFIC CONTROL TYPICAL SECTIONS PHASE 2

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: TCP-TYPICAL-SECTION-DETAILS-SR25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER TC-2

SHEET NUMBER 249

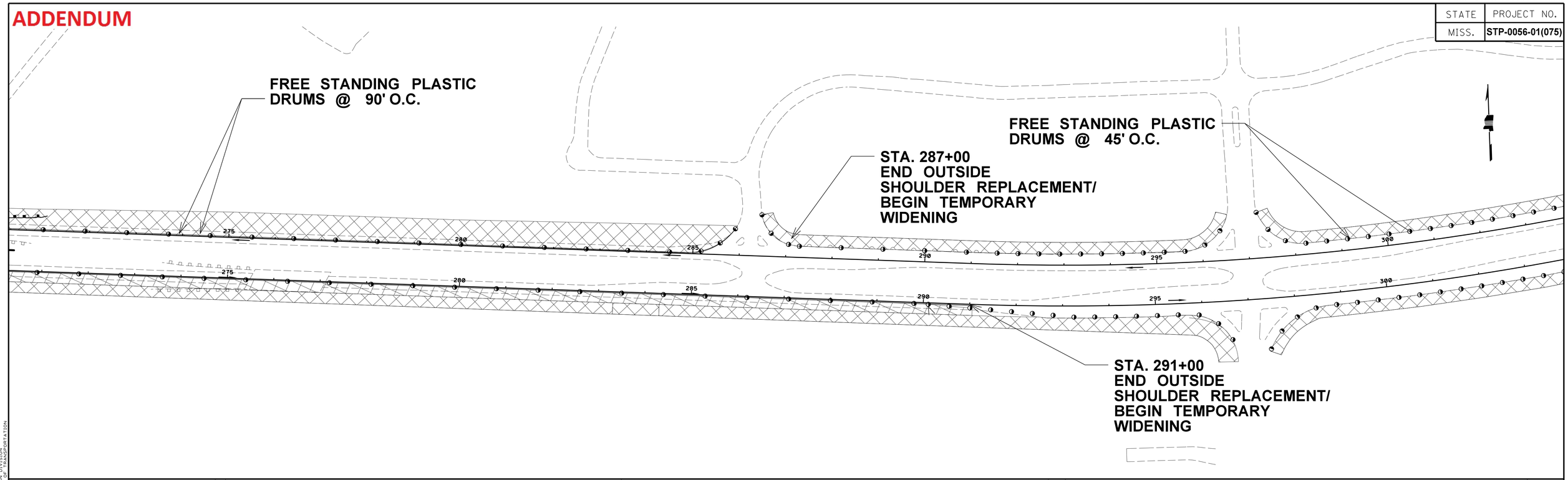
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

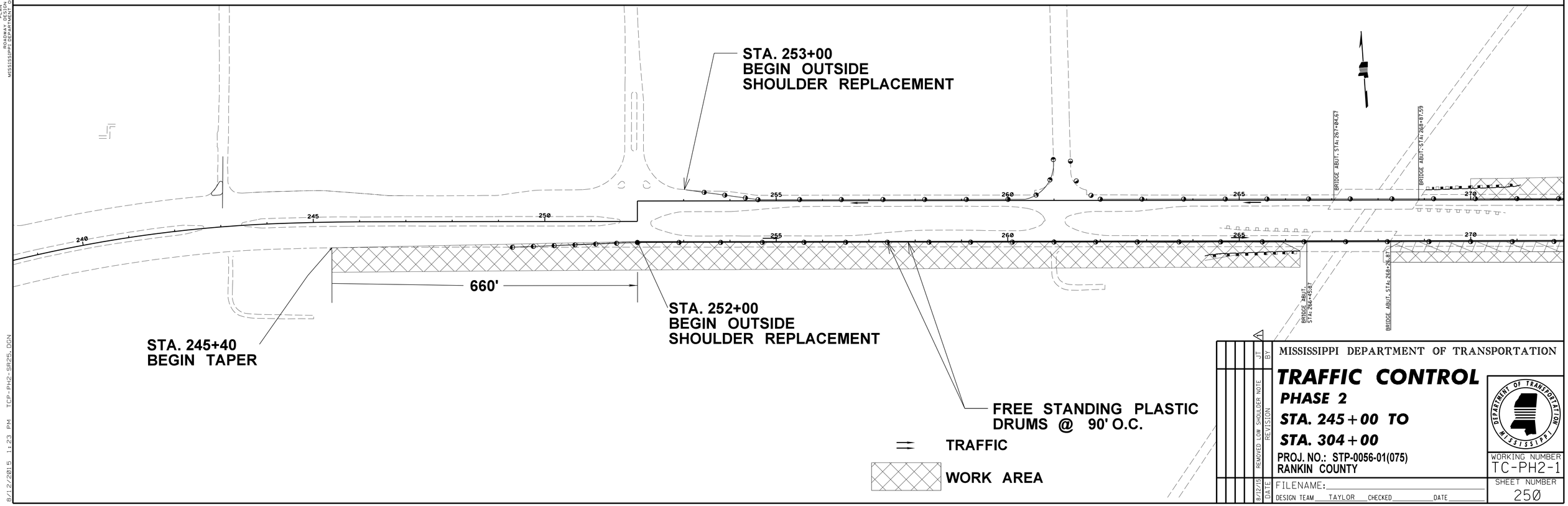
8/13/2015 2:12 PM TCP-TYPICAL-SECTION-DETAILS-SR25.DGN

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM





DATE	REVISION	BY
8/12/15	REMOVED LOW SHOULDER NOTE	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL

PHASE 2

STA. 245+00 TO STA. 304+00

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER TC-PH2-1

FILENAME:

DESIGN TEAM TAYLOR CHECKED DATE

SHEET NUMBER 250

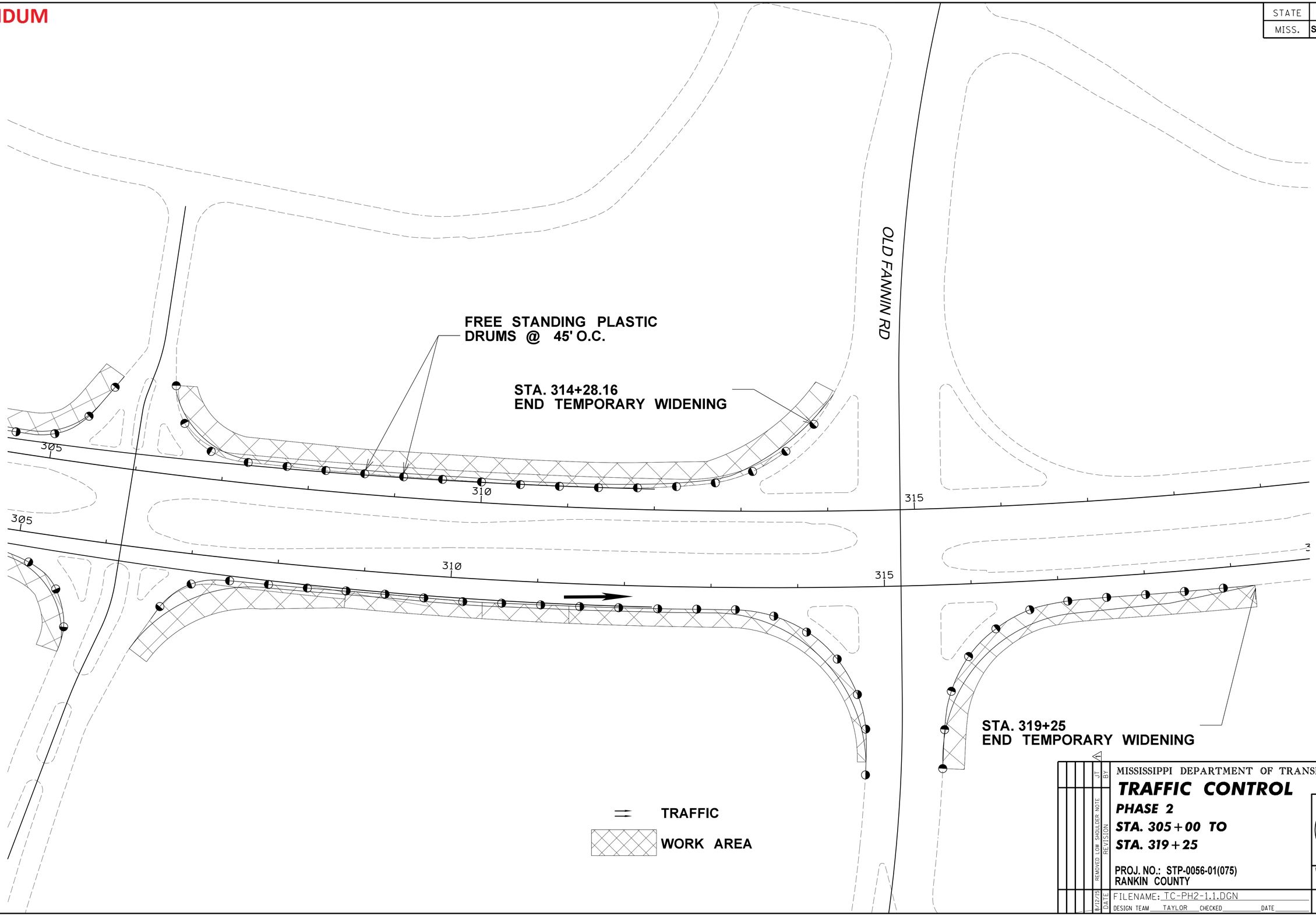
FLN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 1:23 PM TCP-PH2-SR25.DGN

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



8/12/15	REMOVED LOW SHOULDER NOTE	JT	
DATE	REVISION	BY	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL

PHASE 2

STA. 305+00 TO

STA. 319+25

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: TC-PH2-1.1.DGN

DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER TC-PH2-1.1

SHEET NUMBER 251

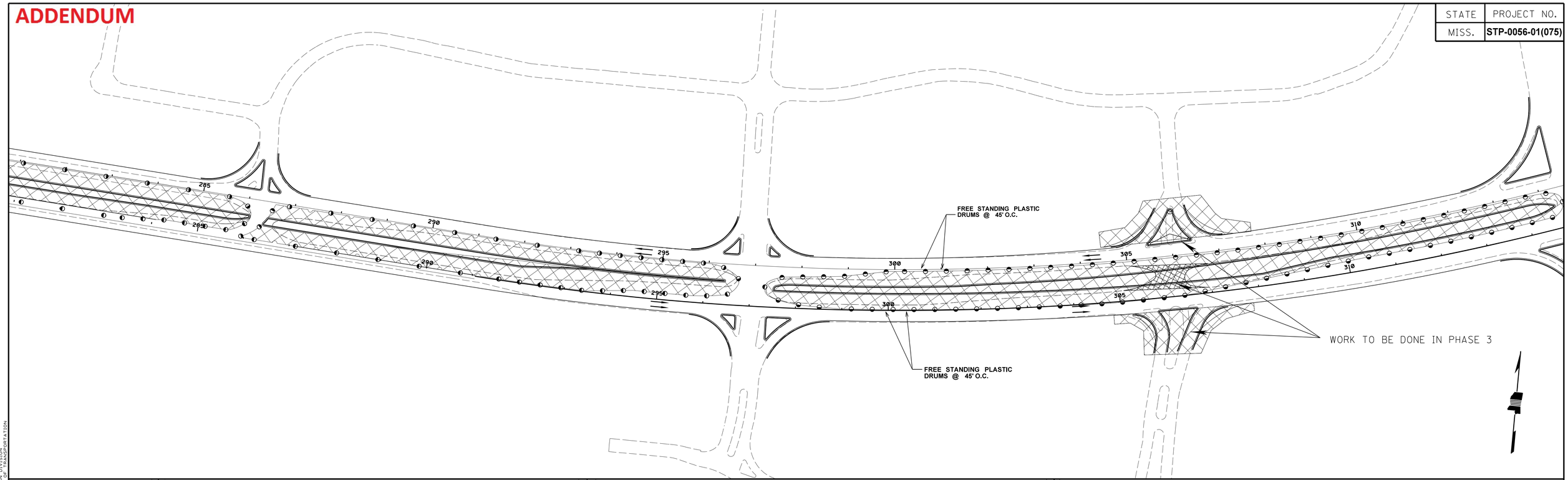
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

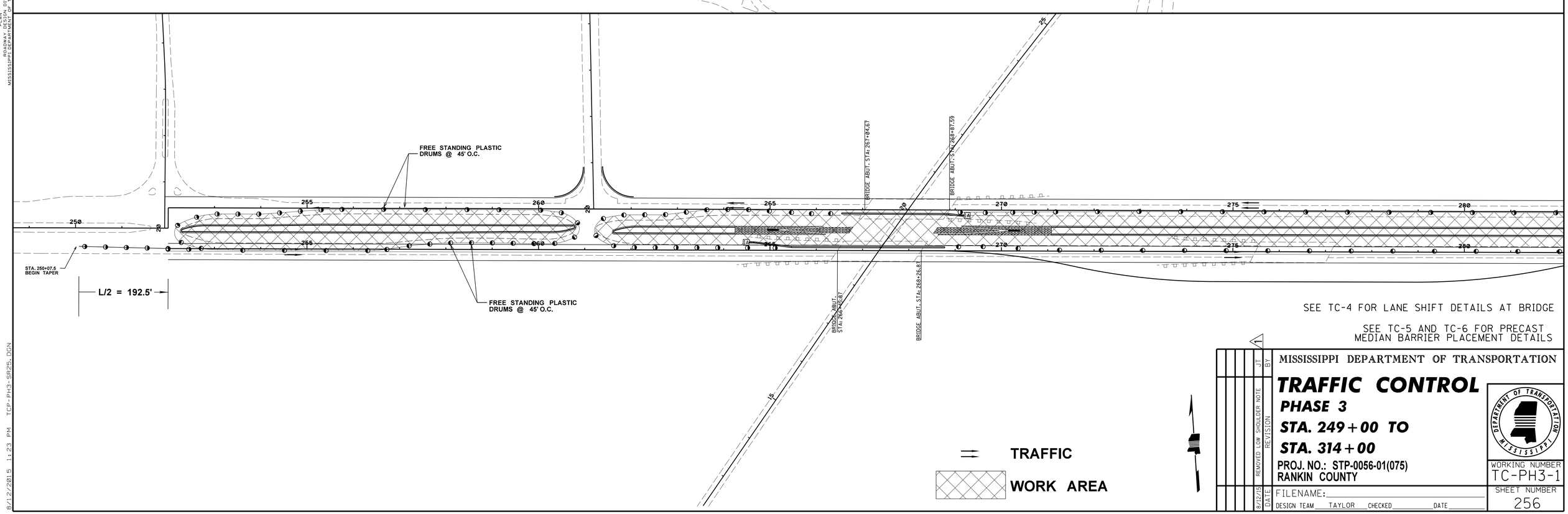
8/12/2015 1:23 PM TC-PH2-1.1.DGN

FMS CON: 104101/301000

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)





SEE TC-4 FOR LANE SHIFT DETAILS AT BRIDGE

SEE TC-5 AND TC-6 FOR PRECAST MEDIAN BARRIER PLACEMENT DETAILS

DATE	REVISION	BY
8/12/15	REMOVED LOW SHOULDER NOTE	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL

PHASE 3

STA. 249+00 TO STA. 314+00

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER TC-PH3-1

SHEET NUMBER 256

FILENAME:

DESIGN TEAM TAYLOR CHECKED DATE

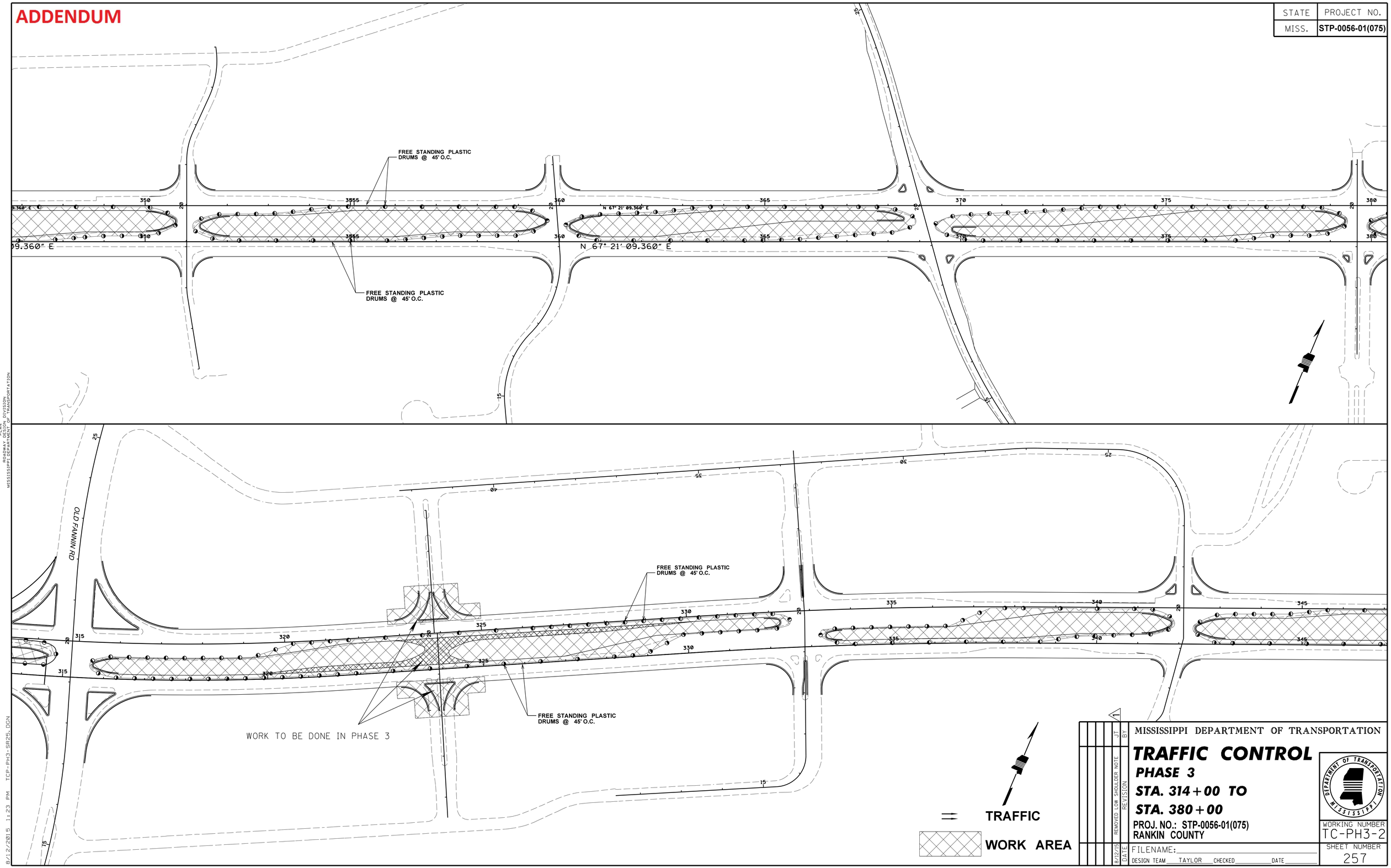
FLN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 1:23 PM TCP-PH3-SR25.DGN

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 1:23 PM TCP-PH3-SR25.DGN

DATE	REVISION	BY
8/12/15	REMOVED LOW SHOULDER NOTE	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL

PHASE 3

STA. 314+00 TO STA. 380+00

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME:
DESIGN TEAM TAYLOR CHECKED DATE

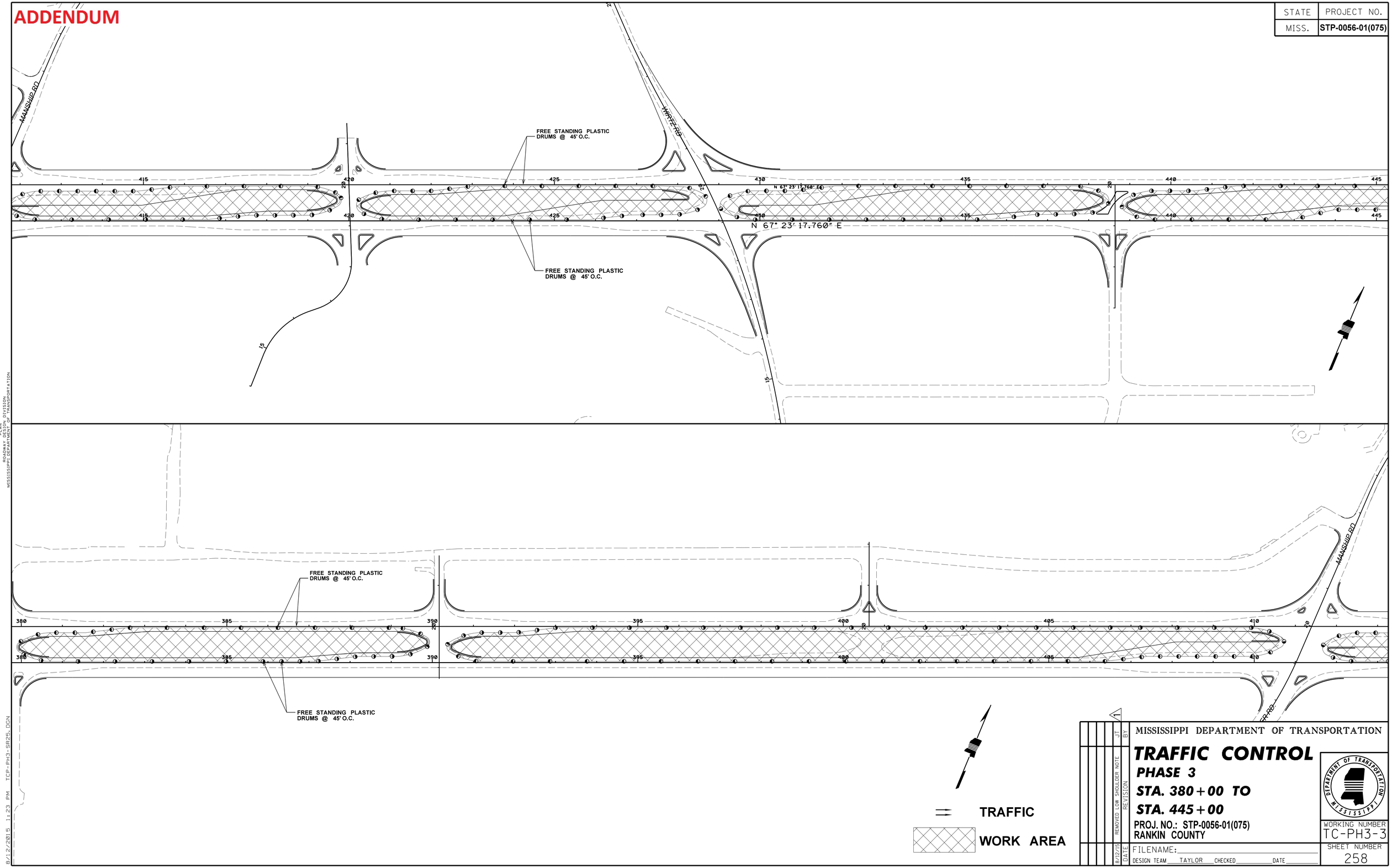
WORKING NUMBER TC-PH3-2

SHEET NUMBER 257

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 1:23 PM TCP-PH3-SR25.DGN

DATE	REVISION	BY
8/12/15	REMOVED LOW SHOULDER NOTE	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL

PHASE 3

STA. 380+00 TO STA. 445+00

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME:
DESIGN TEAM TAYLOR CHECKED DATE

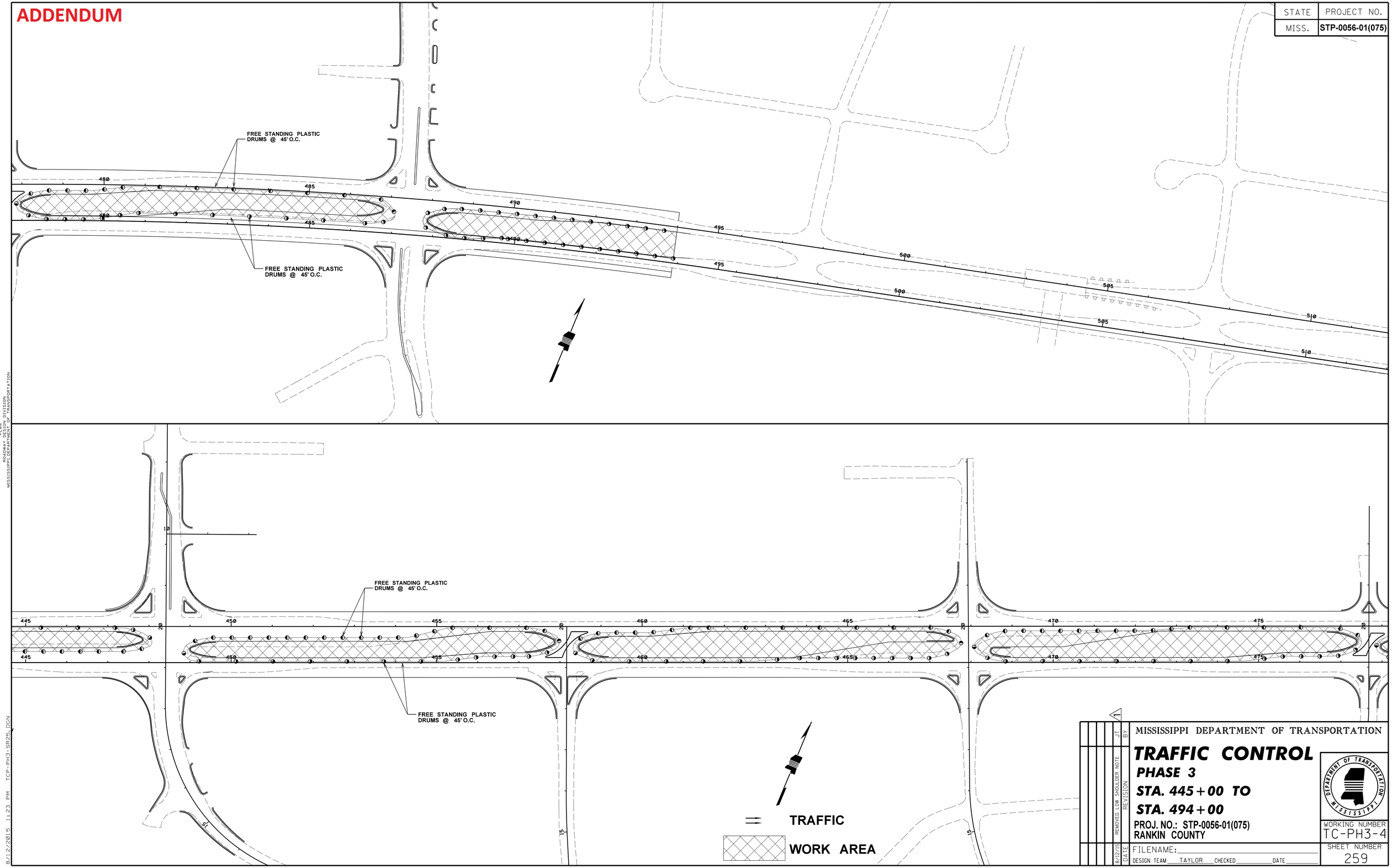
WORKING NUMBER
TC-PH3-3

SHEET NUMBER
258

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 1:23 PM TCP-PH3-SR25.DGN

DATE	REVISION	BY
8/12/15	REMOVED LOW SHOULDER NOTE	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL

PHASE 3

STA. 445+00 TO STA. 494+00

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER
TC-PH3-4

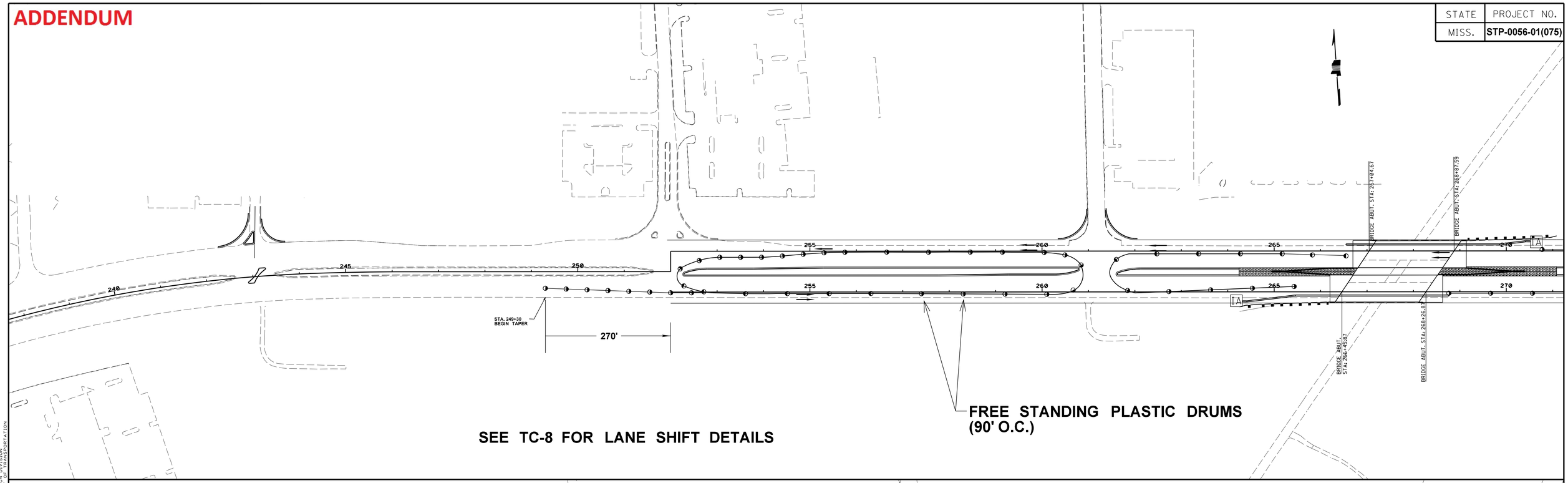
FILENAME:
DESIGN TEAM TAYLOR CHECKED DATE

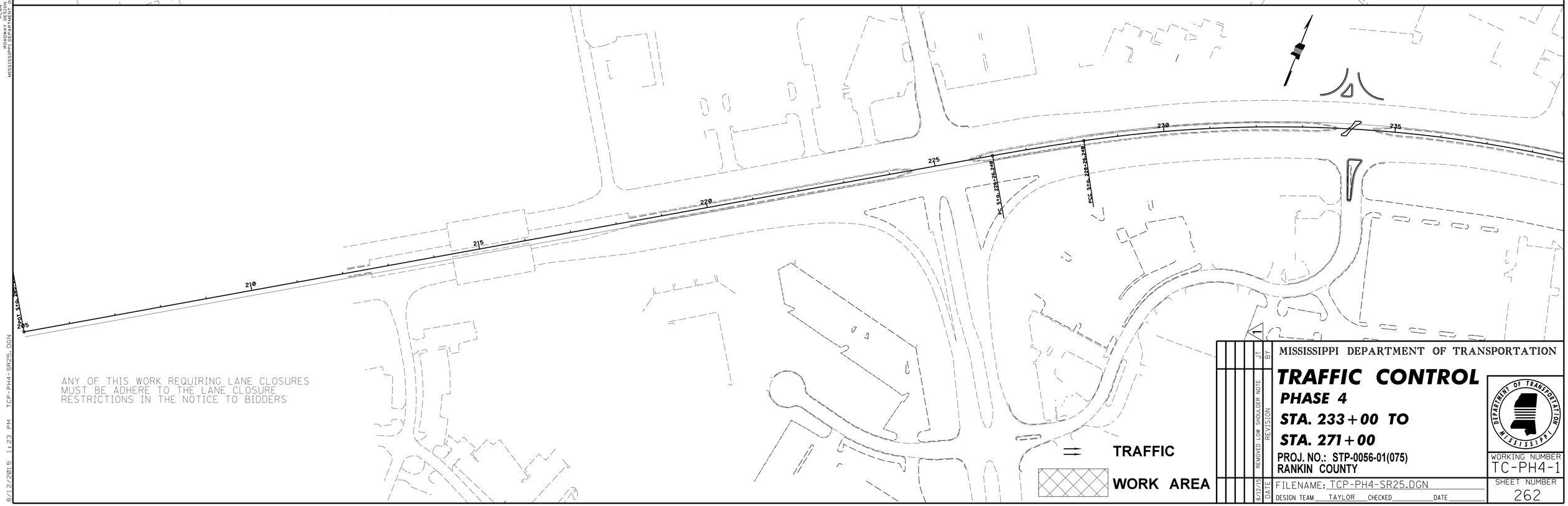
SHEET NUMBER
259

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM





ANY OF THIS WORK REQUIRING LANE CLOSURES
MUST BE ADHERE TO THE LANE CLOSURE
RESTRICTIONS IN THE NOTICE TO BIDDERS

DATE	REVISION	BY
8/12/15	REMOVED LOW SHOULDER NOTE	JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL

PHASE 4

STA. 233+00 TO STA. 271+00

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER
TC-PH4-1

FILENAME: TCP-PH4-SR25.DGN
DESIGN TEAM TAYLOR CHECKED _____ DATE _____

SHEET NUMBER
262

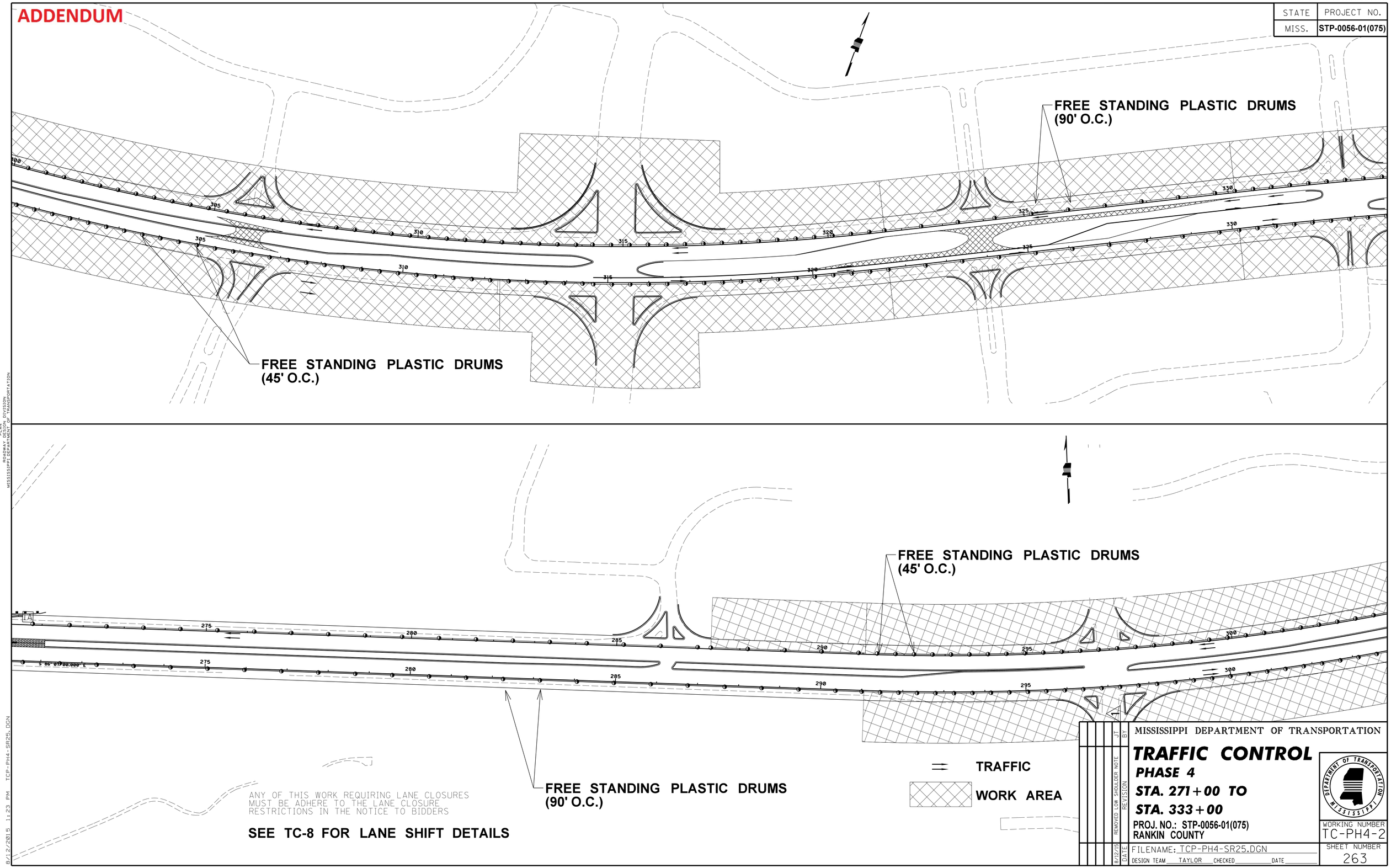
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2015 1:23 PM TCP-PH4-SR25.DGN

FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL

PHASE 4

STA. 271+00 TO STA. 333+00

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

DATE	REVISION	BY
8/12/15	REMOVED LOW SHOULDER NOTE	JT

FILENAME: TCP-PH4-SR25.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER TC-PH4-2

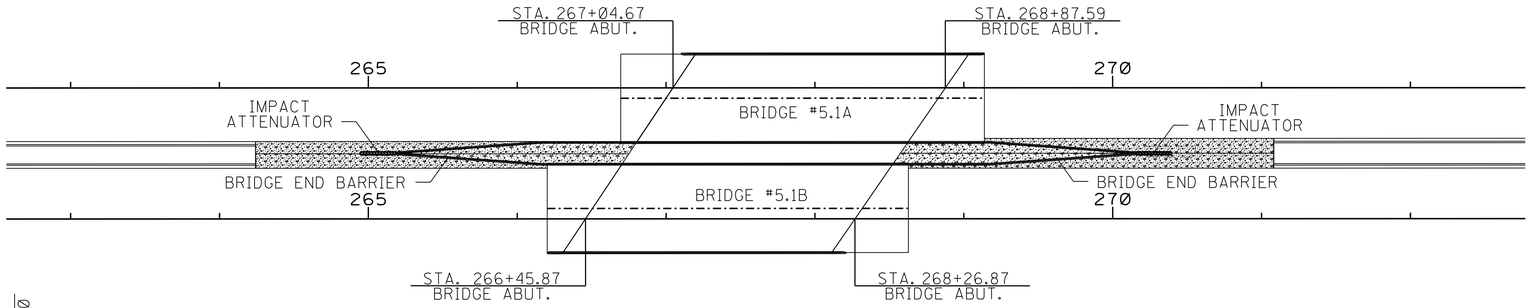
SHEET NUMBER 263

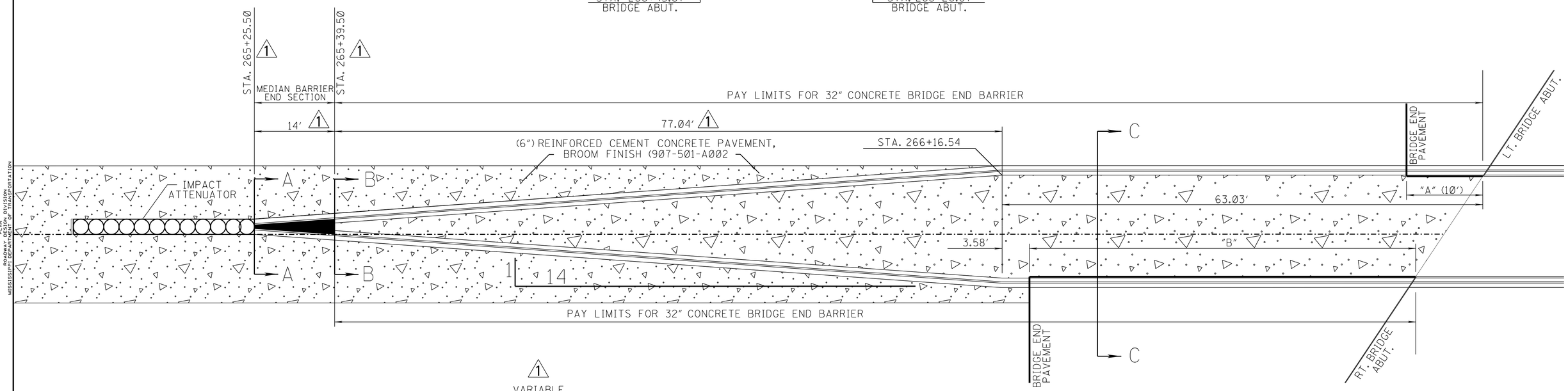
FLN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

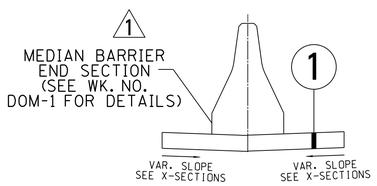
8/12/2015 1:23 PM TCP-PH4-SR25.DGN

ADDENDUM

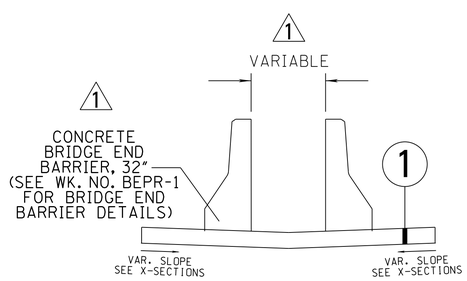
STATE	PROJECT NO.
MISS.	STP-0056-01(075)



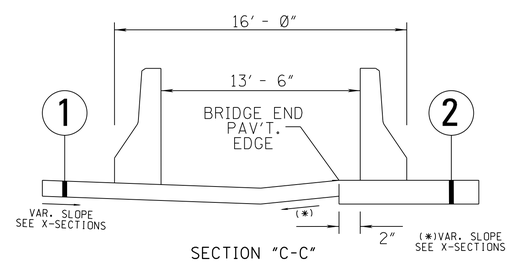




SECTION "A-A"



SECTION "B-B"



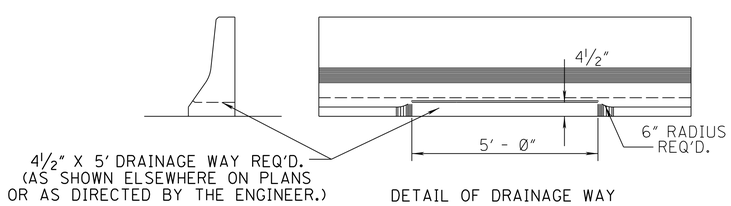
SECTION "C-C"

NOTES: 1

2" X 4" KEYWAY REQ'D. IN AREA OF BRIDGE END PAVEMENT.

FOR LOCATIONS OF 4½" X 5'-0" OPENINGS SEE WK. SH. NO. DDLT-3, DDRT-3, DDLT-4, & DDRT-4.

6" CONCRETE PAVEMENT (907-501-A002) REINFOREMENT SHALL BE 6 X 6 - W1.4 X W1.4 OR 6 X 6 - D1.4 X D1.4 WIRE MESH. THE COST OF THE WIRE MESH TO BE ABSORBED.



DETAIL OF DRAINAGE WAY

1 (6") REINFORCED CEMENT CONCRETE PAVEMENT, BROOM FINISH (907-501-A002)

2 (9") REINFORCED CEMENT CONCRETE BRIDGE END PAVEMENT (502-A001)

CONCRETE BRIDGE END BARRIER, 32". (PAY ITEM NO. 615-A015)

8/12/15	EDITED TEXT	JT	BY
DATE	REVISION		

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILS OF

MEDIAN BARRIER

@ BRIDGE #5.1A & #5.1B

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

WORKING NUMBER
DMB-1

SHEET NUMBER
319

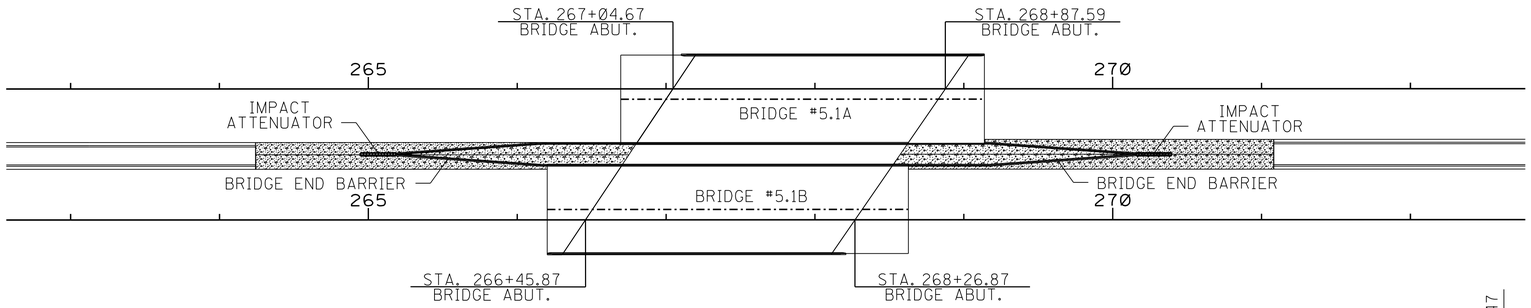
FILENAME: DMB-1&2.DGN
DESIGN TEAM TAYLOR CHECKED DATE

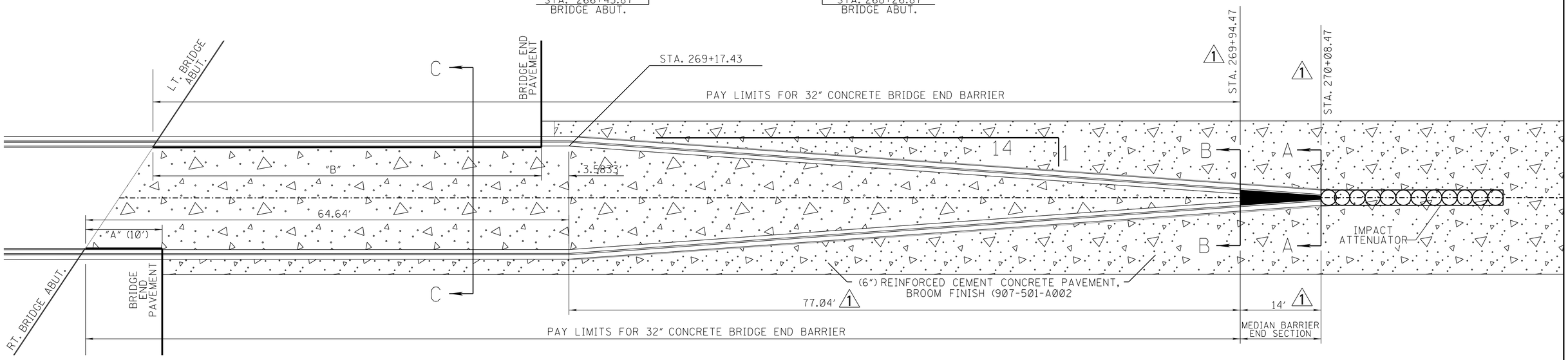
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
8/13/2015 2:30 PM DMB-1&2.DGN

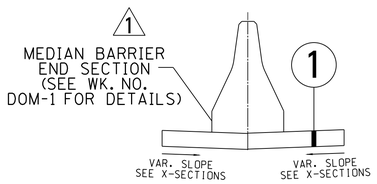
FMS CON: 104101/301000

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

ADDENDUM







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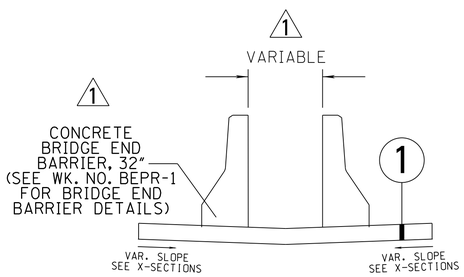
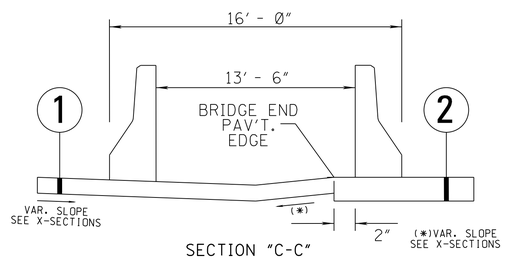


SECTION "B-B"



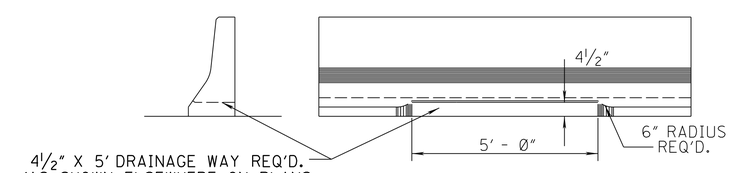
SECTION "C-C"

NOTES: 1

2" X 4" KEYWAY REQ'D. IN AREA OF BRIDGE END PAVEMENT.

FOR LOCATIONS OF 4½" X 5'-0" OPENINGS SEE WK. SH. NO. DDLT-3, DDRT-3, DDLT-4, & DDRT-4.

6" CONCRETE PAVEMENT (907-501-A002) REINFOREMENT SHALL BE 6 X 6 - W1.4 X W1.4 OR 6 X 6 - D1.4 X D1.4 WIRE MESH. THE COST OF THE WIRE MESH TO BE ABSORBED.



DETAIL OF DRAINAGE WAY

1 (6") REINFORCED CEMENT CONCRETE PAVEMENT, BROOM FINISH (907-501-A002)

2 (9") REINFORCED CEMENT CONCRETE BRIDGE END PAVEMENT (502-A001)

CONCRETE BRIDGE END BARRIER, 32". (PAY ITEM NO. 615-A015)

8/12/15	EDITED TEXT	JT	BY
DATE	REVISION		

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILS OF

MEDIAN BARRIER

@ BRIDGE #5.1A & #5.1B

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: DMB-1&2.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER DMB-2

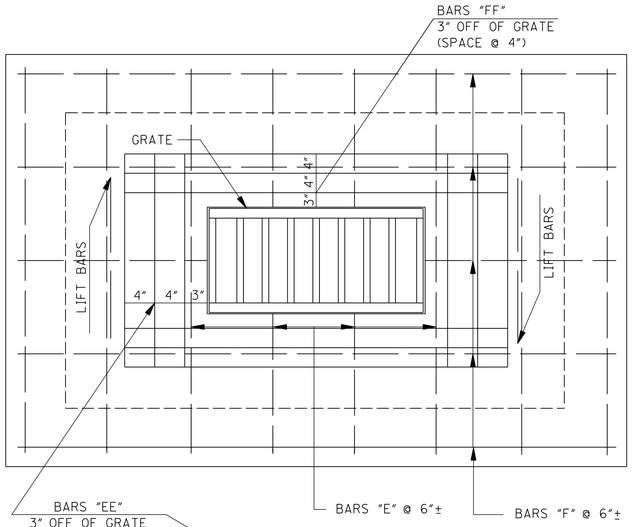
SHEET NUMBER 320

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

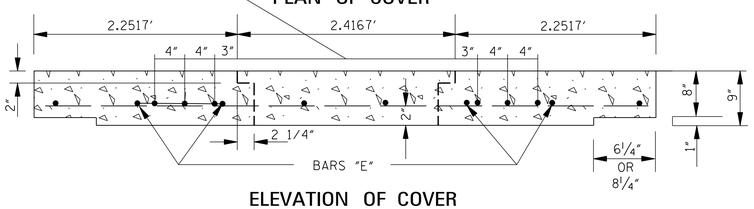
8/13/2015 2:30 PM DMB-1&2.DGN

ADDENDUM

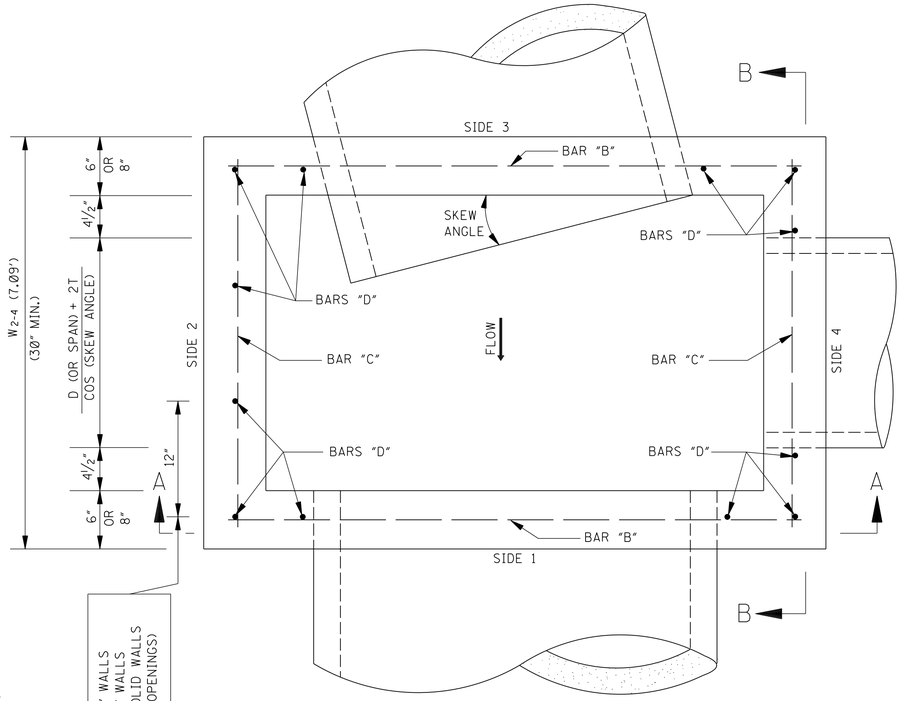
STATE	PROJECT NO.
MISS.	STP-0056-01(075)



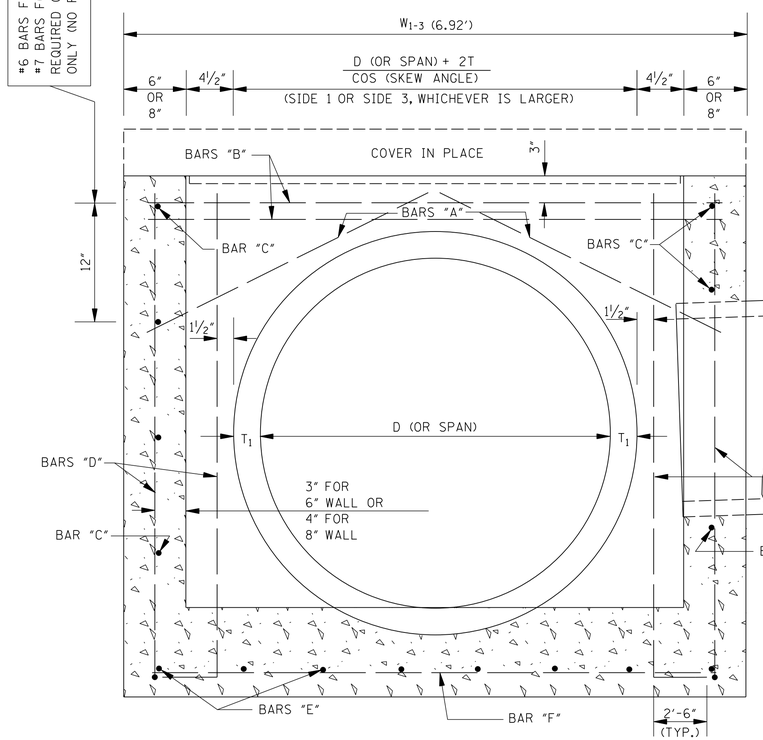
PLAN OF COVER



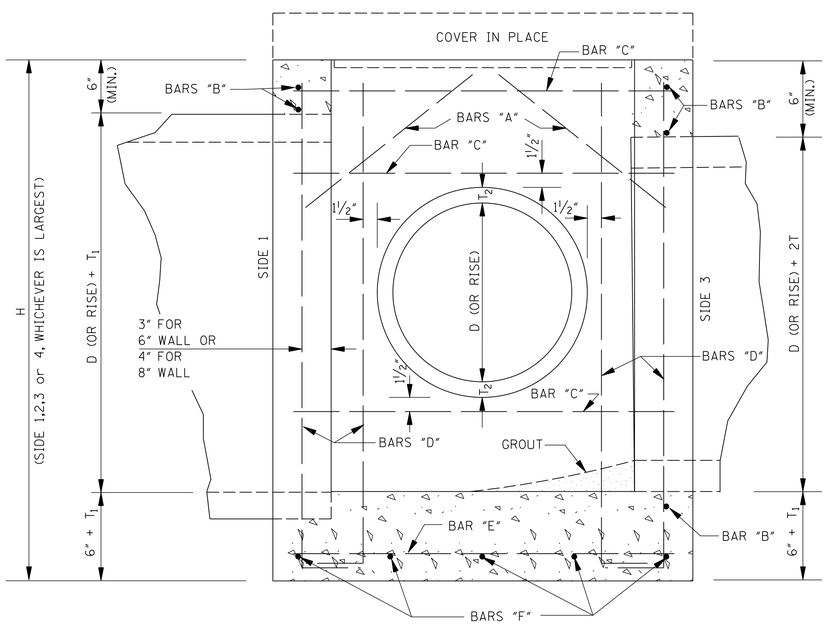
ELEVATION OF COVER



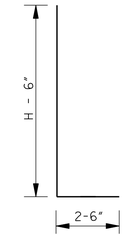
PLAN



SECTION A–A



SECTION B–B



BAR "D"

REINFORCING BAR LIST

BAR	SIZE	NUMBER REQUIRED	LENGTH
"A"	#4	2 PER PIPE OPENING	$\sqrt{196'' + \left(\frac{W^*}{2} + 2''\right)^2}$
"B"	#6 FOR 6" WALL	2 + [2 PER OPENING SIDE 3] + [1 PER SIDE 1] + [12" O.C. FOR SOLID WALL]	$W_{1-3} - 4''$
"C"	#7 FOR 8" WALL	2 + [2 PER OPENING] + [12" O.C. FOR SOLID WALL]	$W_{2-4} - 4''$
"D"		4 + [2 PER OPENING] + [12" O.C. FOR SOLID WALL]	H
"E"	#6	$2\left[\left(\frac{W_{1-3}}{6''}\right)^{**} + 1\right]$	$W_{2-4} - 4''$
"F"	#6	$2\left[\left(\frac{W_{2-4}}{6''}\right)^{**} + 1\right]$	$W_{1-3} - 4''$

NOTE: VARIABLES AND DESIGNATIONS ARE AS FOLLOWS:

D (OR SPAN) = PIPE DIAMETER (OR SPAN)
W_{1-3} = WIDTH OF SIDE 1 & SIDE 3
W_{2-4} = WIDTH OF SIDE 2 & SIDE 4
W* = W_{1-3} OR W_{2-4} (SIDE OF ENTERING PIPE)
** = ROUND TO NEAREST WHOLE NUMBER

CL. "B" CONC. (yd^3) = [(Q1 + Q2) / 46,656] - ∑ PIPE OPENING DEDUCTIONS

WHERE: 6" WALL

$Q1 = [8''W_{1-3}W_{2-4}] + [1''(W_{1-3} - 12.5'')(W_{2-4} - 12.5'')] + [(T_1 + 6'')W_{1-3}W_{2-4}]$
$Q2 = 12''[H - (T_1 + 6'')][(W_{1-3} - 12'') + W_{2-4}]$

OR: 8" WALL

$Q1 = [8''W_{1-3}W_{2-4}] + [1''(W_{1-3} - 16.5'')(W_{2-4} - 16.5'')] + [(T_1 + 6'')W_{1-3}W_{2-4}]$
$Q2 = 16''[H - (T_1 + 6'')][(W_{1-3} - 16'') + W_{2-4}]$

COMMON PIPE SIZE

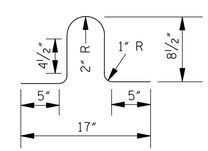
CIRCULAR PIPE				ARCH PIPE			
PIPE SIZE	T	PIPE OPENING DEDUCTION (yd^3)		PIPE SIZE	T	PIPE OPENING DEDUCTION (yd^3)	
		6" WALL	†8" WALL			6" WALL	†8" WALL
18"	2½"	0.053	0.071	22" X 13"	2½"	0.053	0.071
24"	3"	0.091	0.121	29" X 18"	3"	0.087	0.116
30"	3½"	0.138	0.184	36" X 23"	3½"	0.129	0.172
36"	4"	0.196	0.261	44" X 27"	4"	0.185	0.247
42"	4½"	0.263	0.350	51" X 31"	4½"	-	0.327
48"	5"	-	0.453	58" X 36"	5"	-	0.424
54"	5½"	-	0.569	65" X 40"	5½"	-	0.525
60"	6"	-	0.699	73" X 45"	6"	-	0.652
66"	6½"	-	0.840				
72"	7"	-	0.996				

6" WALL: 18" – 36" / 22" X 13" – 44" X 27"
8" WALL: 42" – 72" / 51" X 31" – 73" X 45"

† NOTE: IF ANY PIPE REQUIRING A 8" WALL IS USED, ALL WALLS SHALL BE 8" REGARDLESS OF PIPE SIZE.

GENERAL NOTES:

1. REINFORCING STEEL QUANTITIES TO BE COMPUTED FROM BAR LIST AND SHOWN ELSEWHERE ON THE PLANS.
2. QUANTITIES FOR JUNCTION BOXES SHOWN ON THE PLANS WILL BE THE BASIS FOR PAYMENT UNLESS AUTHORIZED MODIFICATIONS ARE MADE.
3. CONCRETE SHALL BE CLASS "B" AND REINFORCING STEEL SHALL BE DEFORMED BARS, ASTM A 615, GRADE 60 OR AASHTO M 31, GRADE 60.
4. SIDE 1 OF THE JUNCTION BOX WILL ALWAYS BE THE OUTFLOW SIDE.
5. IF PIPES ARE SKEWED MORE THAN 15° OR IF SKEWED PIPES PRODUCE CONFLICTS WITH ANOTHER OPENING, THE PIPE SHALL BE BROKEN BACK TO THE WALL OF THE
6. THE CONTRACTOR HAS THE OPTION TO PROVIDE GRATE NO. 1 OR GRATE NO. 2 AS SHOWN ON SHEET IG-1.



LIFT BAR

NOTE: LIFT BAR TO BE FABRICATED FROM A #4 BAR 30" LONG. TWO LIFT BARS ARE REQUIRED. REINFORCING STEEL FOR 2 LIFT BARS = 3.3 lbs.

8-12-15	ADDED SHEET	JT	BY
DATE	REVISION		

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL DESIGN JUNCTION BOX TYPE 2 FOR TRAFFIC LOAD

(MAXIMUM "W" = 9'-3")

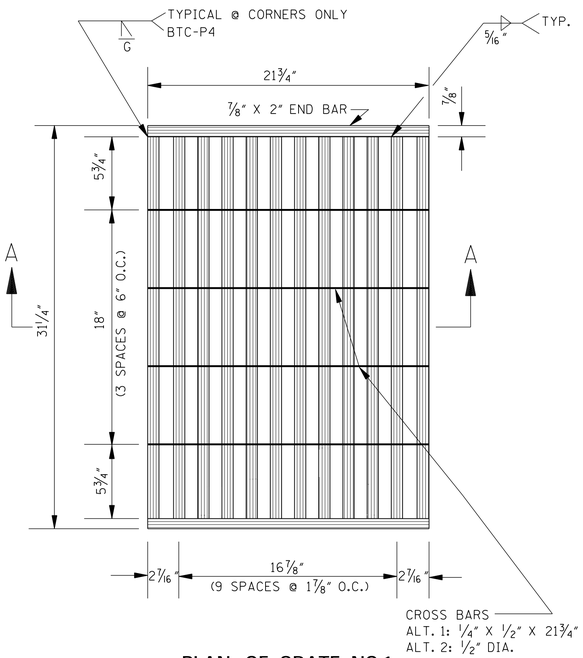
PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: SD-JB-2.DGN
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER SD-JB-2
SHEET NUMBER 331

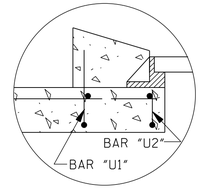
ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

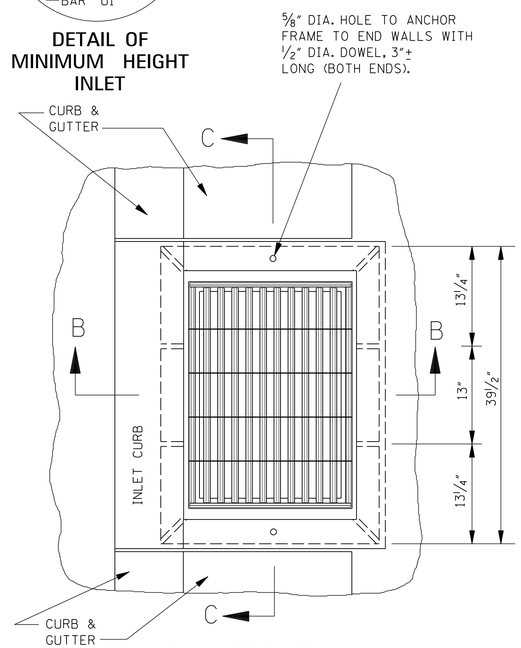


PLAN OF GRATE NO.1

NOTE: FOR OTHER GRATE DETAILS SEE SHEET IG-2.



DETAIL OF MINIMUM HEIGHT INLET

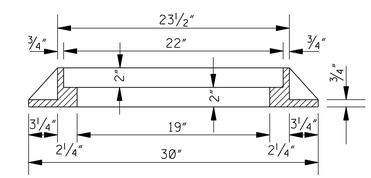


PLAN OF INLET

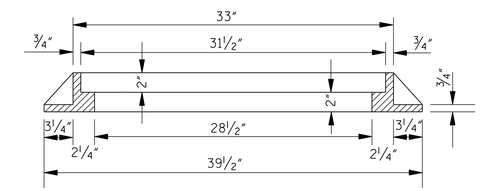
QUANTITIES

PIPE SIZE	MIN. DEPTH TO F.L.	MIN. DEPTH INLET CONC. (yd³)	MIN. DEPTH INLET STEEL (lbs)	PIPE OPENING DEDUCTION (yd³)	T	BARS/SIZES "A" #4 NO. @ LGTH.	"B" #4 NO. @ LGTH.	"C" #4 NO. @ LGTH.	"D" #4 NO. @ LGTH.	"E" #4 NO. @ LGTH.	"U1" #4 NO. @ LGTH.	"U2" #4 NO. @ LGTH.
15"	2.530'	0.662	63	0.039	2 3/8"	4 @ 4'-5 1/2"	4 @ 3'-4 5/8"	10 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 2'-10"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
18"	2.792'	0.973	67	0.053	2 1/2"	4 @ 5'-0"	4 @ 3'-8"	10 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 3'-5"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
24"	3.333'	1.259	78	0.091	3"	4 @ 6'-2"	4 @ 4'-3"	12 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 4'-0"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
30"	3.875'	1.574	88	0.138	3 1/2"	4 @ 7'-4"	4 @ 4'-10"	13 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 4'-7"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
36"	4.417'	1.918	101	0.196	4"	4 @ 8'-6"	4 @ 5'-5"	16 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 5'-2"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
42"	4.958'	2.292	112	0.263	4 1/2"	4 @ 9'-8"	4 @ 6'-0"	18 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 5'-9"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
48"	5.500'	2.695	121	0.340	5"	4 @ 10'-10"	4 @ 6'-7"	19 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 6'-4"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
54"	6.042'	3.128	132	0.427	5 1/2"	4 @ 12'-0"	4 @ 7'-2"	21 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 6'-11"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
60"	6.583'	3.591	146	0.524	6"	4 @ 13'-2"	4 @ 7'-9"	24 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 7'-6"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
66"	7.125'	4.082	159	0.630	6 1/2"	4 @ 14'-4"	4 @ 8'-4"	27 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 8'-1"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
72"	7.667'	4.604	168	0.747	7"	4 @ 15'-6"	4 @ 8'-11"	28 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 8'-8"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
22" X 13"	2.417'	0.991	67	0.053	2 1/2"	4 @ 4'-11 1/2"	4 @ 3'-3 1/2"	10 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 3'-9"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
29" X 18"	2.833'	1.222	82	0.087	3"	4 @ 6'-1/2"	4 @ 3'-9"	13 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 4'-5"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
36" X 23"	3.250'	1.537	90	0.129	3 1/2"	4 @ 7'-3"	4 @ 4'-2 1/2"	14 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 5'-1 1/2"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
44" X 27"	3.667'	1.877	97	0.185	4"	4 @ 8'-5"	4 @ 4'-8"	14 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 5'-10"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
51" X 31"	4.068'	2.237	110	0.245	4 1/2"	4 @ 9'-7"	4 @ 5'-1 1/2"	17 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 6'-6"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
58" X 36"	4.500'	2.637	120	0.318	5"	4 @ 10'-8 1/2"	4 @ 5'-7"	18 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 7'-2 1/2"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
65" X 40"	4.875'	3.020	132	0.394	5 1/2"	4 @ 11'-9"	4 @ 6'-0"	21 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 7'-10"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
73" X 45"	5.333'	3.505	140	0.489	6"	4 @ 13'-0"	4 @ 6'-6"	21 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 8'-7"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"
88" X 54"	6.167'	4.504	163	0.688	7"	4 @ 15'-4"	4 @ 7'-5"	25 @ 3'- 1 1/2"	2 @ 2'-9"	6 @ 10'-0"	1 @ 4'-11 1/2"	1 @ 3'-9 1/2"

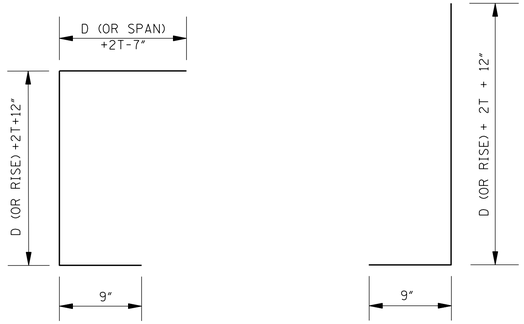
NOTES:
1. NO PIPE OPENINGS HAVE BEEN DEDUCTED FROM QUANTITY SHOWN.
2. FOR EACH ADDITIONAL FOOT OF INLET HEIGHT, ADD 0.238 yd³ CLASS "B" CONCRETE AND 13 lbs REINFORCING STEEL.
3. 3 BARS "C" AND 2 BARS "D" REQUIRED PER EACH ADDITIONAL FOOT OF INLET HEIGHT. LENGTH OF BARS "B" WILL INCREASE WITH ADDITIONAL HEIGHT.
4. WEIGHT OF FRAME CASTING = 244 lbs.
   WEIGHT OF GRATE = SEE SHEET IG-2.



SECTION B–B
(FRAME)



SECTION C–C
(FRAME)

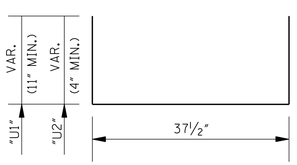


4 #4 BARS,
[D (OR RISE) +D (OR SPAN)+4T+14"] LONG

BARS "A"

4 #4 BARS,
[D (OR RISE)+2T+21"] LONG

BARS "B"



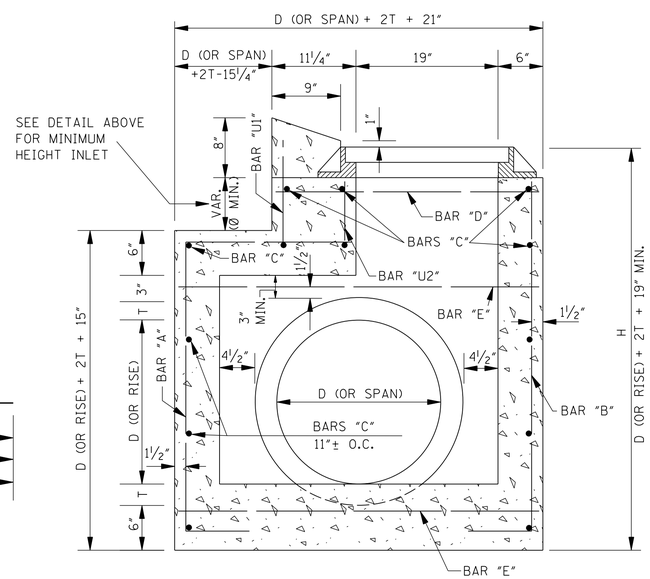
1 #4 BAR EACH, VAR. LENGTH

BARS "U1" & "U2"

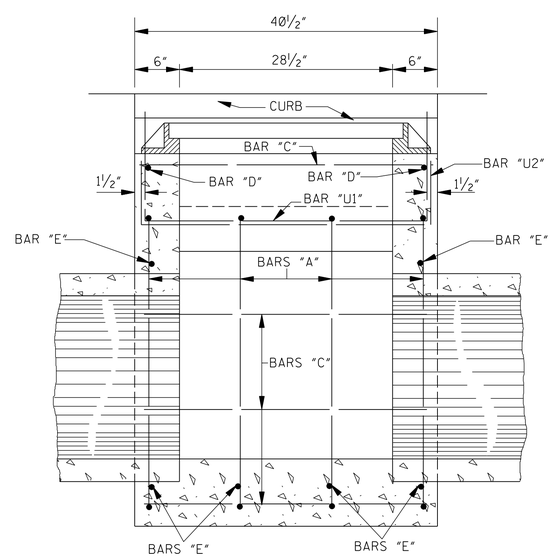
"C", #4 BARS	37 1/2"
"D", #4 BARS	33"
"E", #4 BARS	D (OR SPAN) +2T+18"

BARS "C", "D" & "E"

BAR DETAILS



SECTION B–B



SECTION C–C

GENERAL NOTES:

1. QUANTITIES SHOWN WILL BE THE BASIS OF PAYMENT UNLESS AUTHORIZED MODIFICATIONS ARE MADE.
2. CONCRETE SHALL BE CLASS "B" CONCRETE AND REINFORCING STEEL SHALL BE DEFORMED BARS.
3. THE CONTRACTOR HAS THE OPTION TO PROVIDE GRATE NO. 1 OR GRATE NO. 2 AS SHOWN ON SHEET IG-2.
4. FRAME TO BE GRAY IRON CASTING, (AASHTO M 105, CLASS 30).

DATE	ADDED SHEET REVISION	BY
8/12/15		JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GUTTER INLET FOR TYPE 2 CURB STORM SEWER ALONG ROADWAY

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: SD-GI-1A.DGN
DESIGN TEAM TAYLOR CHECKED DATE 10/1/98

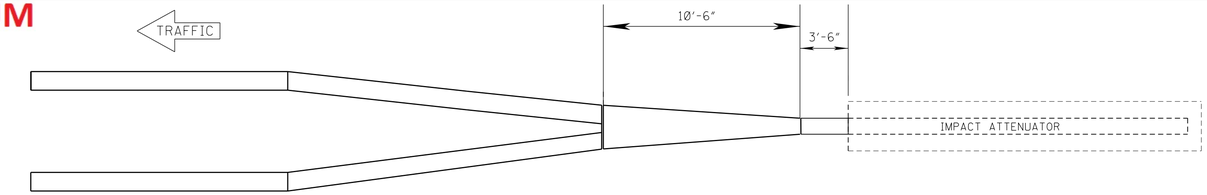
WORKING NUMBER SD-GI-1A

SHEET NUMBER 332

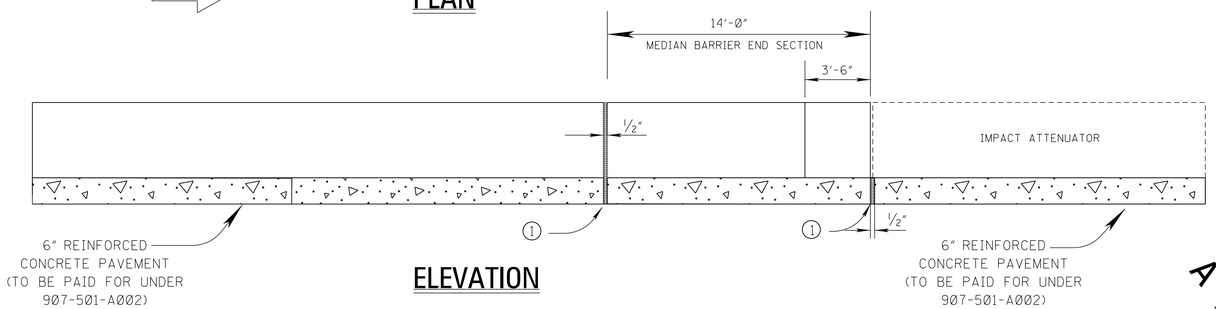
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
8/11/2015 8:53 AM SD-GI-1A.DGN

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

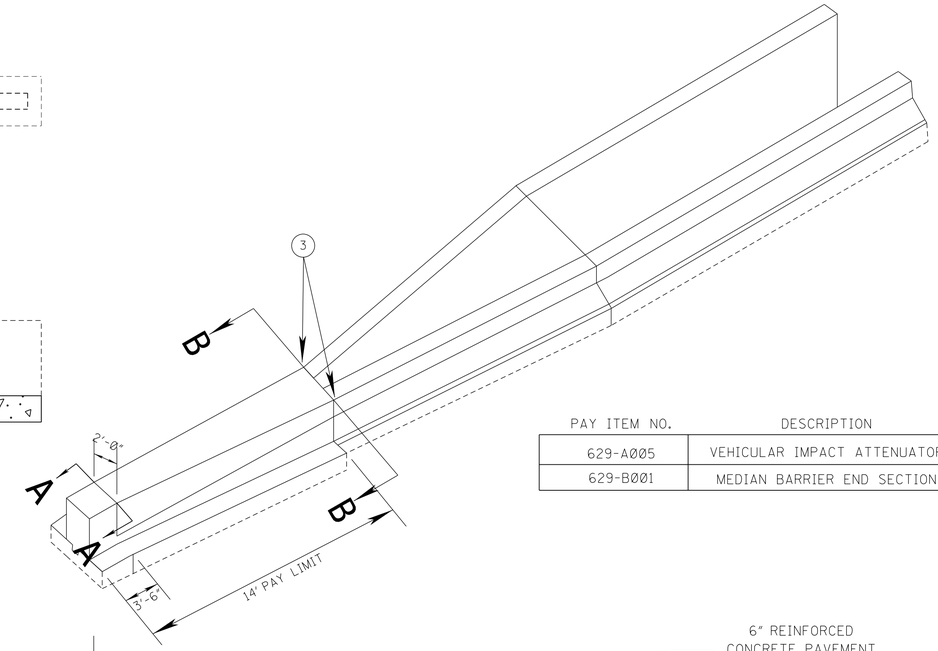
ADDENDUM



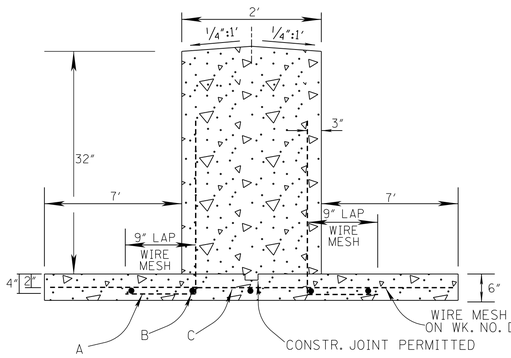
PLAN



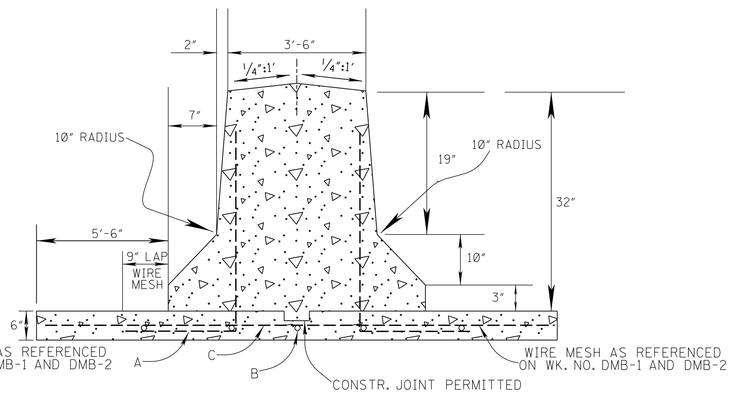
ELEVATION



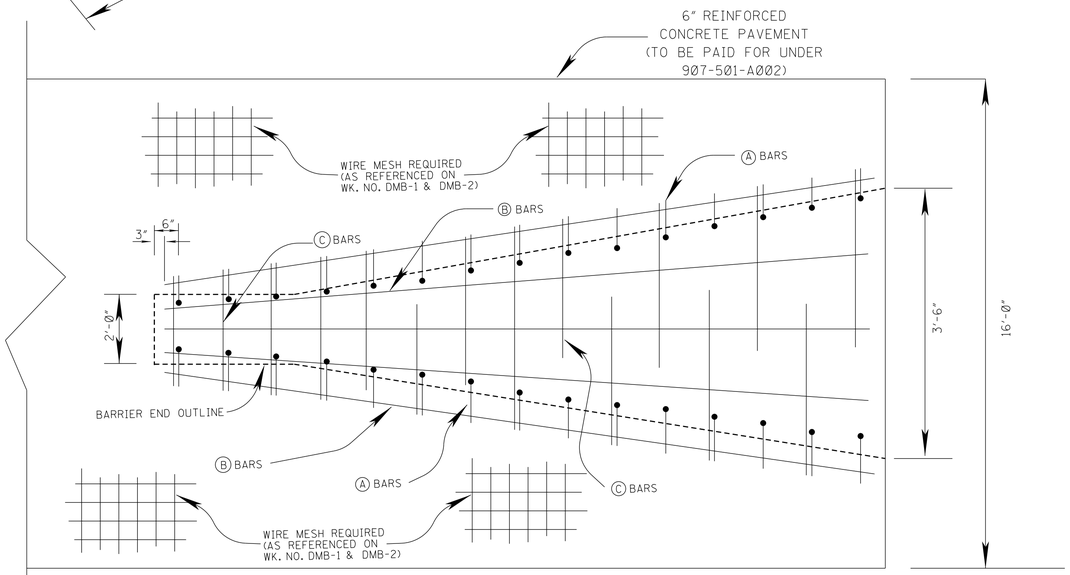
PAY ITEM NO.	DESCRIPTION	UNITS
629-A005	VEHICULAR IMPACT ATTENUATOR	EACH
629-B001	MEDIAN BARRIER END SECTION	EACH



SECTION A–A

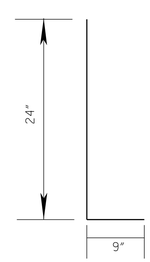


SECTION B–B



TYPICAL STEEL PLACEMENT

BAR LIST					CUBIC YARDS
BARS	SIZE	NO. REQ'D	LENGTH	POUNDS	CLASS"B" CONCRETE
A	#5	30	2'-9"	86	
B	#5	5	13'-6"	76	
C	#5	15	2'-8"	42	
TOTALS		50		204	4.09 C.Y.



BAR"A"

GENERAL NOTES

DETAILS AND SPECIFICATIONS FOR IMPACT ATTENUATOR WILL BE AS PER MANUFACTURER'S SPECIFICATIONS

THAT PORTION OF CLASS "B" CONCRETE AND REINFORCING STEEL REQ'D. IN BARRIER END SECTION SHALL BE INCLUDED IN THE PRICE FOR "MEDIAN BARRIER END SECTION"

1 ½" PREMOLDED EXPANSION JOINT MATERIAL REQUIRED

NOTE: NOT TO SCALE

DATE	BY	REVISION
8/12/15	JT	ADDED SHEET

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL DESIGN DETAILS OF MEDIAN BARRIER END SECTION

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: reactdet.dgn
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER DOM-1

SHEET NUMBER 333

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 3:21 PM REACTDET.DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0056-01(075)

GENERAL NOTES (TRAFFIC SIGNALS)

1. ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST ADOPTED EDITION AND ALL SUBSEQUENT REVISIONS).
2. ALL NEW TRAFFIC SIGNAL CABINETS SHALL HAVE A 16 LOAD BAY FACILITY, REAR ACCESS DOOR, LAPTOP TRAY, AND DUAL POSITION INTERNAL LED LIGHTING.
3. ALL NEW TRAFFIC SIGNAL CABINETS SHALL HAVE A 10-POSITION CARD RACK WITH 2- 175 WATT (MINIMUM) POWER SUPPLIES AND 8 AVAILABLE SLOTS.
4. ALL MALFUNCTION MANAGEMENT UNITS (MMU) SHALL BE ETHERNET READY, 16-CHANNEL, AND CAPABLE OF RUNNING 12 DIFFERENT MODES OF FLASHING YELLOW ARROW OPERATION.
5. ALL TRAFFIC SIGNAL CONTROLLERS SHALL BE ETHERNET READY AND COMPATIBLE WITH THE EXISTING MDOT TRAFFIC SIGNAL MANAGEMENT SOFTWARE. ETHERNET READY SIGNAL CONTROLLERS SHALL INCLUDE SEPAC 4.54 (NTCIP) FIRMWARE, AND MUST BE 100% COMPATIBLE WITH EXISTING MDOT SIGNAL SYSTEM HARDWARE/ SOFTWARE.
6. SIGNAL CONTROLLER TIMINGS TO BE PROVIDED BY MDOT .
7. CONTRACTOR SHALL TRANSFER ALL EXISTING DATA TO NEWLY INSTALLED CONTROLLER DURING TEMPORARY SIGNAL INSTALLATION.
8. CONTRACTOR IS RESPONSIBLE FOR ALL CONFIGURATIONS, CONNECTIONS, MODIFICATIONS, SLICES AND NECESSARY EQUIPMENT NEEDED TO INTERCONNECT THE TRAFFIC SIGNALS, AS INDICATED IN THE PLANS (COST ABSORBED). COORDINATE WITH MDOT FOR IP ADDRESSES ON ALL NETWORKABLE DEVICES. DEVICES INCLUDE BUT NOT LIMITED TO: CONTROLLERS, CONFLICT MONITORS, BATTERY BACKUP, AND ITS EQUIPMENT.
9. EQUIPMENT SHOWN ON THESE PLANS ARE IN APPROXIMATE LOCATIONS. ALL EQUIPMENT SHALL BE FIELD LOCATED BY THE CONTRACTOR WITH PROPOSED LOCATIONS APPROVED BY MDOT. CONTRACTOR TO STAKE EACH LOCATION A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO REVIEW BY MDOT. THE COST OF FIELD STAKING WILL NOT BE MEASURED FOR SEPARATE PAYMENT, BUT WILL BE ABSORBED UNDER OTHER ITEMS. CONTRACTOR TO INSTALL ALL EQUIPMENT, PULL BOXES, AND CONDUIT WITHIN PUBLIC RIGHT OF WAY.
10. POLE FOUNDATIONS SHALL NOT EXCEED FOUR (4) INCHES ABOVE FINISHED GRADE.
11. PAYMENT FOR FIBER OPTIC CABLE, UNDERGROUND POWER CABLE AND CONDUIT SHALL BE BASED ON HORIZONTAL MEASUREMENTS, WITH NO ADDITIONAL PAYMENT FOR ANY VERTICAL RUNS OR SLACK IN PULL BOXES.
12. ALL CABLE DENOTED ON THE PLANS AS DETECTOR CABLE SHALL BE COST ABSORBED.
13. ALL CONNECTIONS, MODIFICATIONS, SPLICES, AND NECESSARY EQUIPMENT NEEDED TO INTERCONNECT THE TRAFFIC SIGNALS, AS SHOWN ON THE PLANS, SHALL BE COST ABSORBED.
14. A TRACER (AWG #10 THHN ORANGE) WIRE SHALL BE INSTALLED IN CONDUIT THAT CARRIES ONLY FIBER OPTIC CABLE AND SHALL BE ABSORBED UNDER PAY ITEM NO. 907-657-B. CONDUIT FOR POWER SUPPLY MAY BE RUN IN THE SAME TRENCH LINE AS FIBER LINES, THOUGH SEPARATE ELECTRICAL PULL BOXES ARE TO BE INSTALLED. WHEN FIBER OPTIC CONDUIT AND OTHER CONDUIT ARE RUN IN THE SAME TRENCH, THE FIBER OPTIC SHALL BE ON THE BOTTOM. ALL CONDUITS SHALL BE SEALED WITH DUCT PLUG TO PREVENT WATER INTRUSION ONCE CABLE IS INSTALLED. COST TO BE ABSORBED UNDER PAY ITEM NOS. 668-A OR 668-B.
15. ALL ABOVE GROUND CONDUIT SHALL BE TYPE 1 RIGID METAL. PVC SHALL NOT BE ALLOWED ABOVE GROUND.
16. THE CONTRACTOR MAY DRILL OR JACK A SINGLE SLEEVE FOR INSTALLATION OF MULTIPLE CONDUITS AT BORED CROSSINGS, RATHER THAN DRILLING OR JACKING INDIVIDUAL CONDUITS. THE INSTALLATION OF THE SLEEVE AND THE CONDUITS SHALL BE PAID FOR AT THE BID PRICE FOR UNDERGROUND CONDUIT BANK (907-668-F DRILLED OR JACKED) BASED ON THE NUMBER OF CONDUITS IN THE BANK (SHOWN IN THE PLANS). NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR THE LARGER SLEEVE. CONTRACTOR SHALL SUBMIT SIZE AND MATERIAL DATA OF THE SLEEVE TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
17. ALL CONDUITS TO BE SEALED WITH DUCT PLUG TO PREVENT WATER INTRUSION ONCE CABLE IS INSTALLED. COST TO BE ABSORBED UNDER PAY ITEM NOS. 668-A OR 668-B.
18. WHERE THE CONTRACTOR ENCOUNTERS PAVED DITCHES IN ROUTING OF CONDUIT, HE MAY TRENCH AND REPLACE DITCH OR JACK UNDER DITCH. THIS IS NOT A SEPARATE PAY ITEM. DAMAGE TO PAVED DITCHES (AND/OR OTHER STRUCTURES) CAUSED BY CONTRACTOR DURING THIS PROJECT SHALL BE REPAIRED (AS DIRECTED BY THE ENGINEER) AT NO COST TO THE STATE.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY MAKE-READY COSTS INCURRED TO PROVIDE POWER AND COMMUNICATION SERVICES TO THE EQUIPMENT, AND IS NOT A SEPARATE PAY ITEM (COST ABSORBED).
20. ALL EQUIPMENT SUBMITTALS, UNLESS OTHERWISE ADVISED, SHALL BE IN ACCORDANCE WITH SECTION 634.02.2 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
21. CONDUIT FOR POWER SUPPLY MAY BE RUN IN THE SAME TRENCH LINE AS FIBER CONDUIT, THOUGH SEPARATE ELECTRICAL PULL BOXES ARE TO BE INSTALLED. (WHEN NOT PAID AS CONDUIT BANK)
22. POWER SUPPLY METER AND DISCONNECT SHALL NOT BE MOUNTED ON TRAFFIC CONTROLLER CABINETS OR TRAFFIC SIGNAL POLES. ALL POLES, STRUCTURES, PERMIT FEES, EQUIPMENT, ETC. SHALL BE COST ABSORBED.
23. CONTRACTOR TO FIELD VERIFY RADAR SITE LOCATION, ORIENTATION, AND INSTALLATION HEIGHT TO ENSURE DETECTION ZONES IN THE PRESENCE OF MDOT SIGNAL ENGINEER. ALIGNMENT OF DETECTORS SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
24. MAXIMUM SAG FOR LOADED MESSENGER CABLE SHALL NOT EXCEED 5%. MESSENGER CABLE SHALL BE 3/8" DIAMETER. TIMBER POLE CLASS "II" (CLASS TO BE CALCULATED AFTER TIMBER POLE LOCATION IS APPROVED) SHALL BE UTILIZED FOR TEMPORARY SIGNALS THROUGHOUT THE PROJECT, UNLESS OTHERWISE NOTED. ANCHORS AND GUY CABLES ARE REQUIRED ON ALL TIMBER POLES SHOWN FOR TEMPORARY SIGNALS. ADDITIONAL ANCHORS AND GUY CABLES NOT SHOWN ON PLANS MAY BE REQUIRED DUE TO SITE CONDITIONS. COST OF ADDITIONAL ANCHORS ,GUY CABLES, HARDWARE, TETHER CABLE, ETC. SHALL BE PAID FOR IN PAY ITEM 639-A120.
25. TIMBER POLE INSTALLATIONS SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
26. CONTRACTOR SHALL MAINTAIN TRAFFIC SIGNAL OPERATION AT ALL TIMES DURING ALL CONSTRUCTION PHASES. HEAD SHIFTING BETWEEN CONSTRUCTION PHASES SHALL BE CONDUCTED AT THE INSTRUCTION OF THE ENGINEER AND IS NOT A SEPARATE PAY ITEM. COST IS ABSORBED IN OTHER EXISTING PAY ITEMS.
27. △1 THE TRANSFER OF CONTROLLER SETTINGS AND PARAMETERS FROM THE EXISTING CONTROLLERS TO THE TEMPORARY CONTROLLERS IS NOT A SEPARATE PAY ITEM. COST IS ABSORBED IN OTHER EXISTING PAY ITEMS. △1
28. CONTRACTOR SHALL REMOVE AND RETAIN ALL GROUND MOUNTED SNS FOR REINSTALLATION.
29. EACH INTERSECTION SHALL HAVE A NETWORK SWITCH, PAY ITEM 907-658-A005.

DATE	REVISION	BY
08/12/15	CHANGED NOTE	SBJ

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES (TRAFFIC SIGNALS)

COUNTY: RANKIN

PROJ. NUM.: STP-0056-01(075)

FILENAME: GN-1.DGN

DESIGN TEAM STANTEC CHECKED DATE

WORKING NUMBER GN-1

SHEET NUMBER 2001

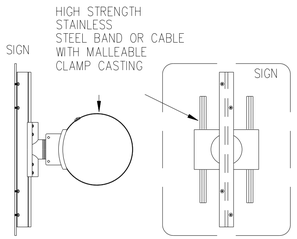
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/10/2015 12:11:54 GN-1.DGN

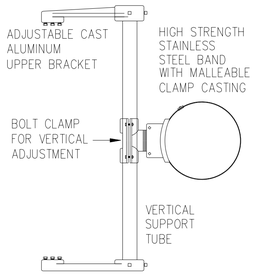
ADDENDUM

FMS CON: 104101/301000

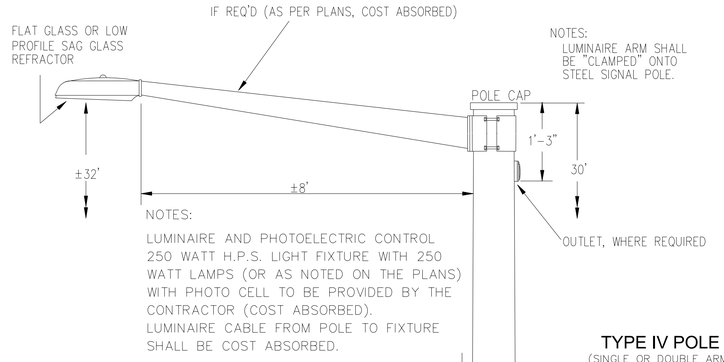
STATE	PROJECT NO.
MISS.	STP-0056-01(075)



MAST ARM SIGN BRACKET (TYPICAL)



SIGNAL MOUNTING BRACKET (TYPICAL)



NOTES:

LUMINAIRE AND PHOTOELECTRIC CONTROL 250 WATT H.P.S. LIGHT FIXTURE WITH 250 WATT LAMPS (OR AS NOTED ON THE PLANS) WITH PHOTO CELL TO BE PROVIDED BY THE CONTRACTOR (COST ABSORBED). LUMINAIRE CABLE FROM POLE TO FIXTURE SHALL BE COST ABSORBED.

TYPE IV POLE
(SINGLE OR DOUBLE ARM)

NOTES:

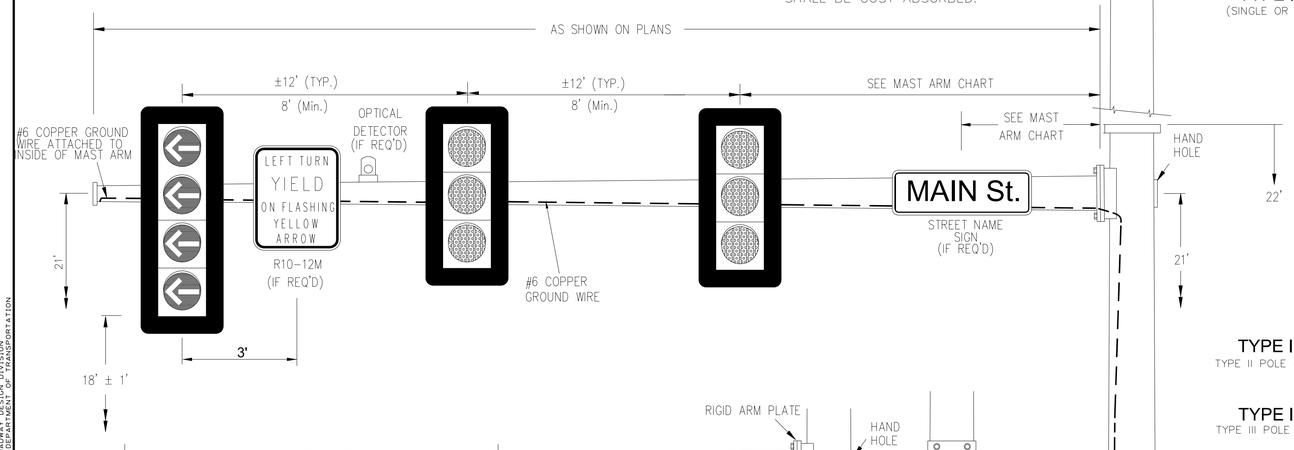
1. WIRE ENTRANCE TO MAST ARM WILL BE FIELD DRILLED TO CORRESPOND TO THE LOCATION OF THE SIGNAL HEADS WHEN ALIGNED IN THE FIELD.

2. RED SECTION INDICATIONS TO BE APPROXIMATELY THE SAME HEIGHT.

3. EXACT DIMENSIONS AND LOCATIONS OF ANCHOR BOLTS TO BE SUPPLIED BY THE POLE MANUFACTURED.

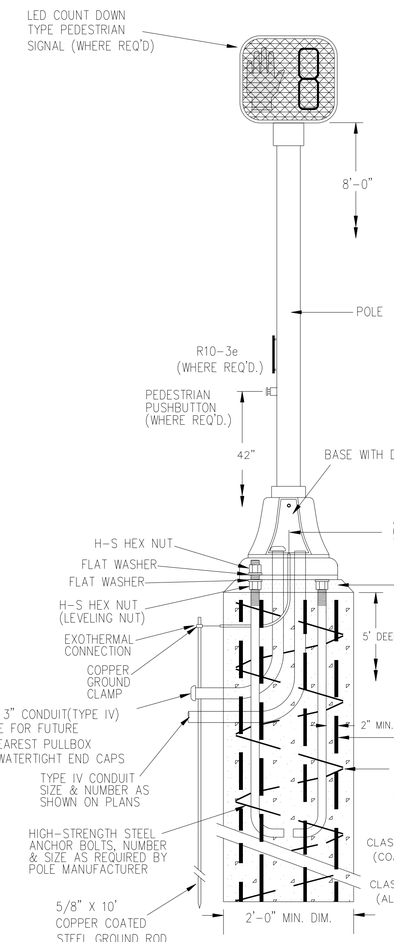
4. THE CONTRACTOR SHALL PROVIDE MAST ARM POLE DESIGN CERTIFICAITON AND CALCULATIONS AS OUTLINED IN SECTION 722.02 OF THE STANDARD SPECIFICATIONS. DESIGN STANDARD FOR MAST ARM POLES SHALL BE THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS. USE FATIGUE CATEGORY II. DO NOT CONSIDER GALLOPING OR TRUCK FORCES. USE 50 YEAR DESIGN LIFE. WIND AND ICE LOADS VARIABLE BASED UPON MAPS IN THE 2001 AASHTO SPECIFICATION.

5. #6 COPPER GROUND WIRE INSIDE POLE AND MAST ARM TO BE COST ABSORBED.



TYPE II POLE
TYPE II POLE – (SINGLE ARM)

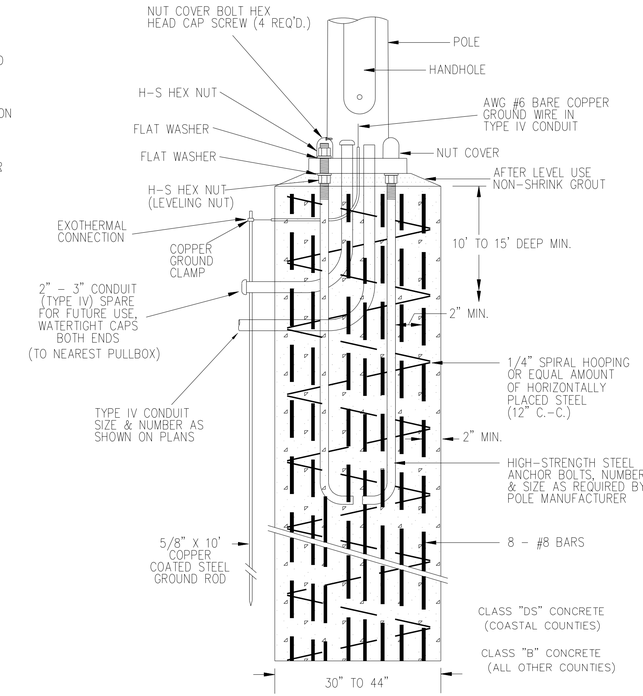
TYPE III POLE
TYPE III POLE – (DOUBLE ARM)



PEDESTAL POLE DETAIL

TYPE V POLE
(TRAFFIC SIGNAL)

TYPE VI POLE
(PEDESTRIAN SIGNAL)



STEEL MAST ARM POLE FOUNDATION DETAIL

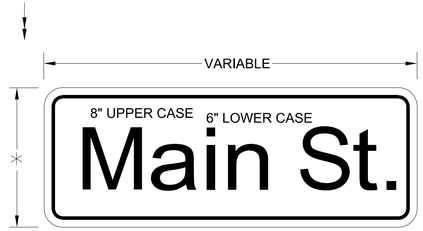
GENERAL FOUNDATION NOTES

1. EXACT DIMENSIONS AND LOCATIONS OF ANCHOR BOLTS TO BE SUPPLIED BY THE MANUFACTURER. ANY FOUNDATIONS FAILING TO MEET MINIMUM DIMENSIONS WILL BE REJECTED.

2. DRY SHAFT EXCAVATION MUST MEET REQUIREMENTS OF SECTION 803.03.2.3.2. IF GROUNDWATER OR HOLE INSTABILITY IS ENCOUNTERED, SLIP CASING AND 10' TREMIE SHALL BE REQUIRED.

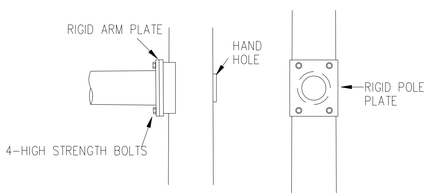
3. WIND LOAD DETERMINES SHAFT DIAMETER AND DEPTH:
   - ALL TYPE IV 30' POLE SHAFT – USE 36" TO 44" DIAMETER, 15' DEPTH
   - COASTAL COUNTIES (140mph) – 36" DIAMETER, 15' DEPTH WITH SLIP CASING AND D.S. CONCRETE.
   - 100mph to 130mph – 36" DIAMETER, 15' DEPTH, SLIP CASING NOT REQUIRED.
   - ALL OTHER COUNTIES (90mph): SINGLE MAST ARM: 30" DIAMETER, 10' DEPTH; DOUBLE MAST ARM: 36" DIAMETER, 12' DEPTH

*SEE 2001 AASHTO GUIDELINES FOR WIND LOAD MAP

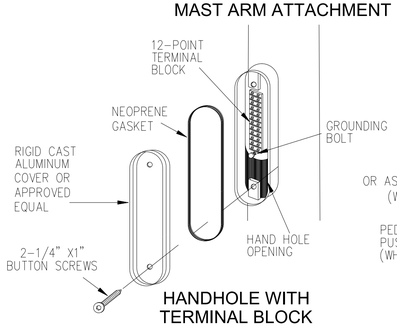


STREET NAME SIGNS
(TYPICAL)(IF REQUIRED)

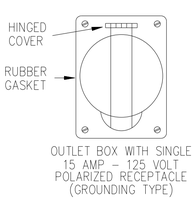
* HEIGHT = 1'-6" FOR SINGLE NAME, 2'-0" FOR 2 NAMES
THICKNESS = 0.1" WHITE TYPE IX SHEETING
ON GREEN TYPE III SHEETING
8" UPPER CASE, 6" LOWER CASE LETTERS; SERIES "C"
STREET NAME SIGNS REQUIRE A MINIMUM OF 2 MOUNTING BRACKETS
(30" MAXIMUM SPACING BETWEEN BRACKETS)



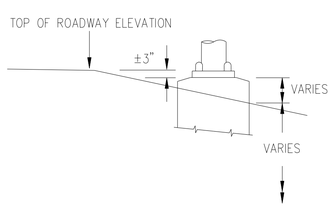
MAST ARM ATTACHMENT



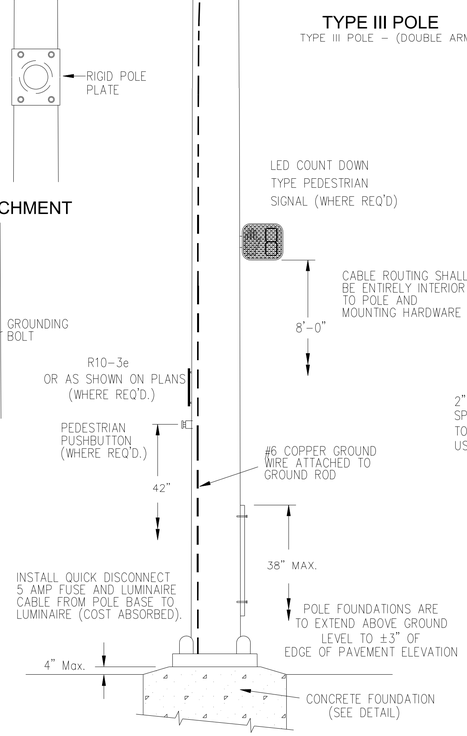
HANDHOLE WITH
TERMINAL BLOCK



OUTLET (WHERE REQUIRED,
AS PER PLANS)



LOW SHOULDER FOUNDATION DETAIL



STEEL MAST ARM POLE DETAIL

DATE	REPLACED SHEET REVISION	BY
8/12/15		JT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION

PROJ. NO.: STP-0056-01(075)
RANKIN COUNTY

FILENAME: TSD-6b(straight arm).dgn
DESIGN TEAM TAYLOR CHECKED DATE

WORKING NUMBER TSD-6b
SHEET NUMBER 2031

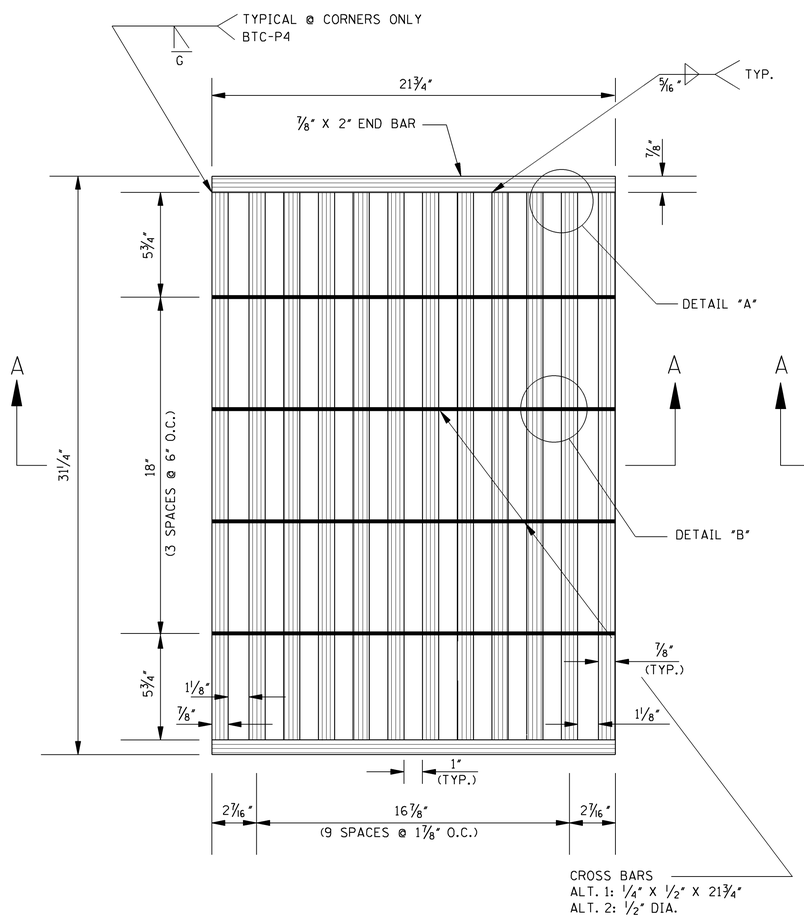
PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2015 10:03:56 TSD-6B(STRAIGHT ARM) SHEET 44 INCH FOUNDATION.DGN

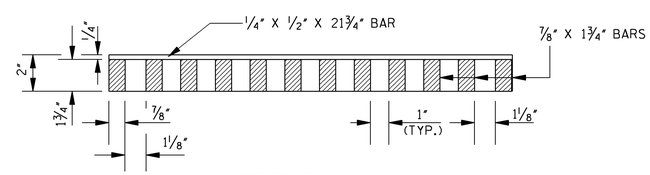
ADDENDUM

STATE	PROJECT NO.
MISS.	

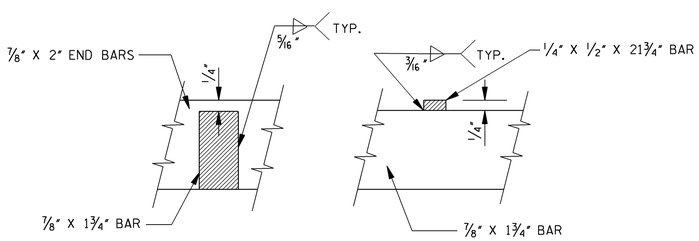
GRATE NO. 1 – ALTERNATE #1



PLAN



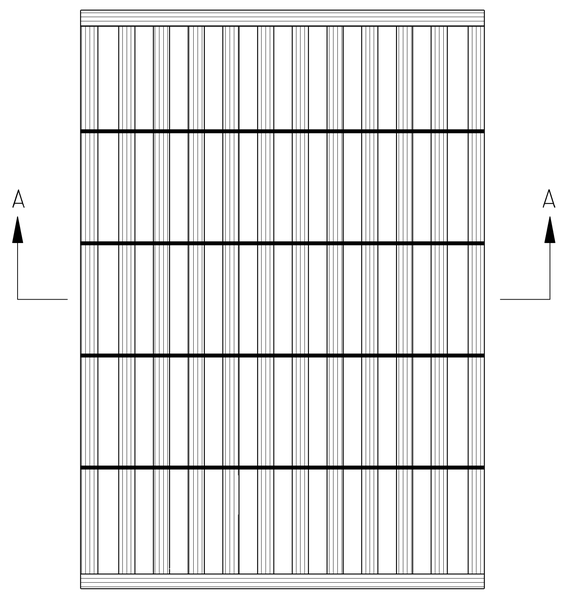
SECTION A–A



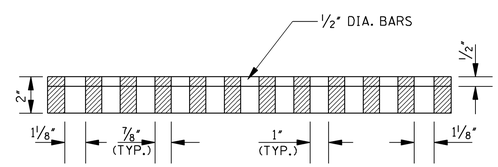
DETAIL A DETAIL B

GRATE NO. 1 – ALTERNATE #2

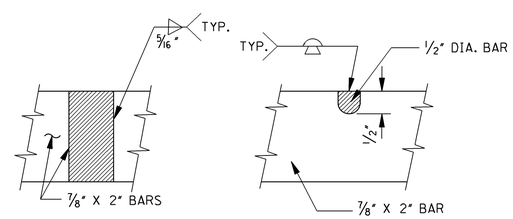
NOTE: PLAN DIMENSIONS FOR ALTERNATE #2 ARE IDENTICAL TO THAT OF ALTERNATE #1 AS SHOWN ON THE FIGURE AT LEFT.



PLAN

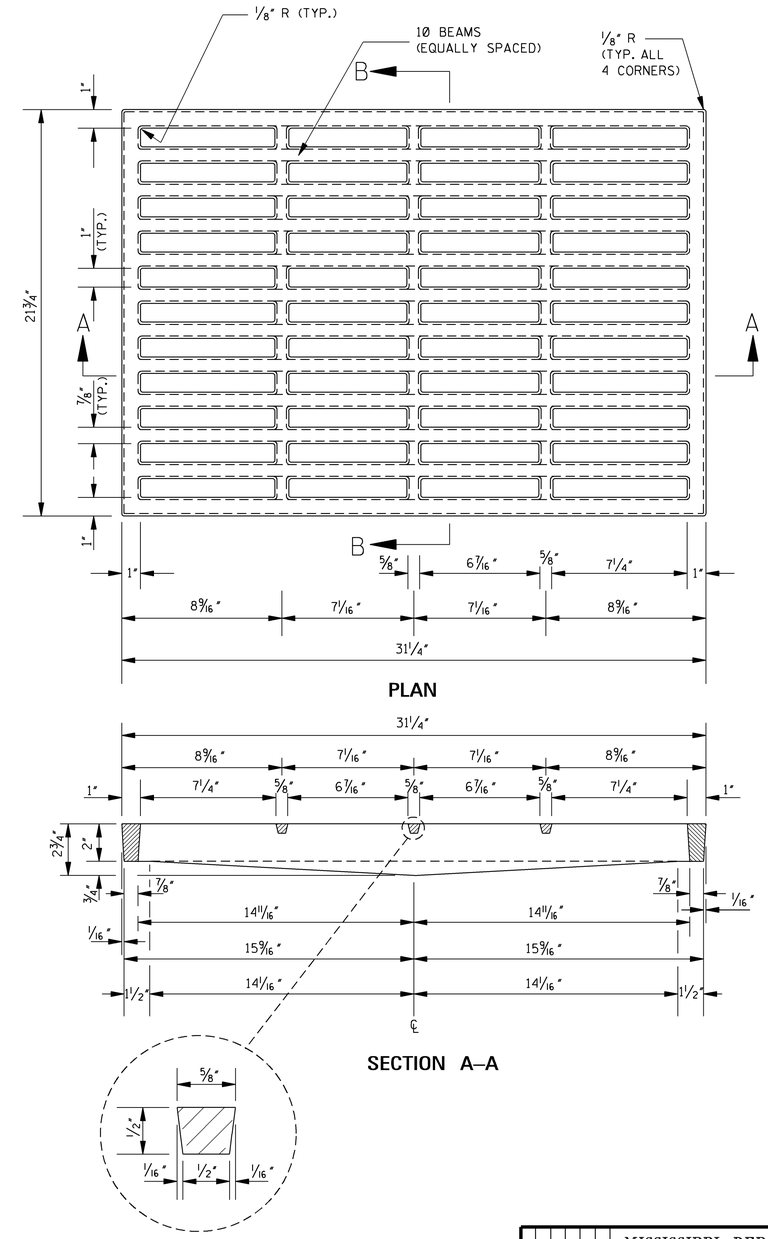


SECTION A–A



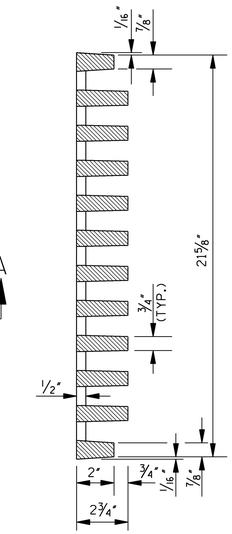
DETAIL A DETAIL B

GRATE NO. 2



PLAN

SECTION A–A



SECTION B–B

GENERAL NOTES:

1. BASIS OF PAYMENT WILL BE 200 lbs OF GRATING FOR EITHER GRATE.
2. GRATE NO. 1
   THE GRATE MAY BE WELDED STEEL (ASTM A 588) OR STEEL CASTING (AASHTO M 192, CLASS 90).
3. GRATE NO. 2
   THE GRATE SHALL BE DUCTILE IRON (ASTM A 536, GRADE 80-55-06).

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

DETAILS OF GRATES FOR GUTTER INLETS

DEPARTMENT OF TRANSPORTATION ENGLISH MISSISSIPPI

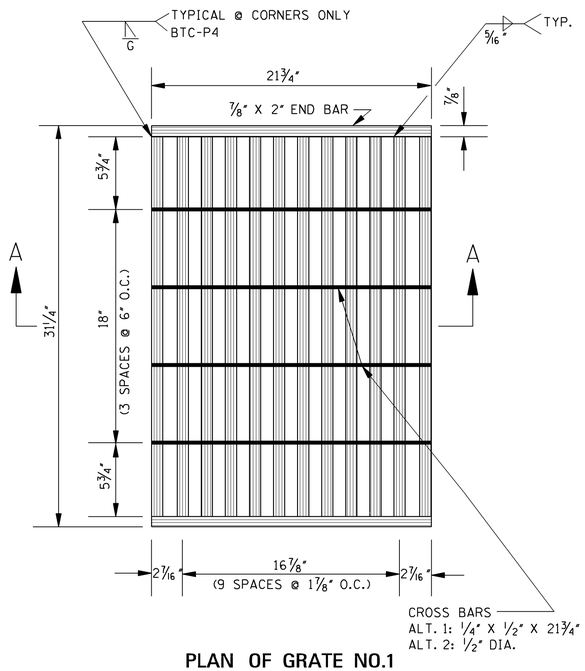
WORKING NUMBER IG-2

ISSUE DATE: OCTOBER 1, 1998

SHEET NUMBER 6315

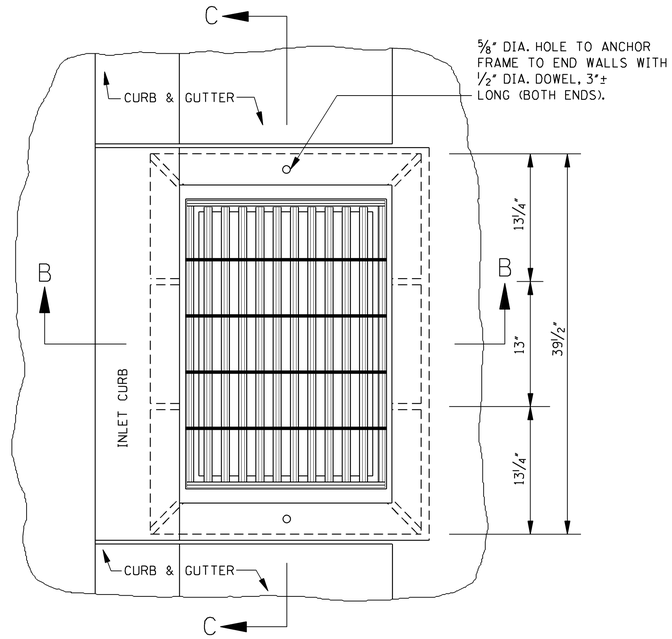
ADDENDUM

STATE	PROJECT NO.
MISS.	



PLAN OF GRATE NO.1

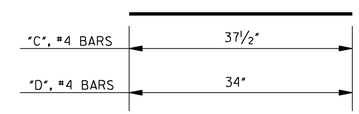
NOTE: FOR OTHER GRATE DETAILS SEE SHEET IG-2.



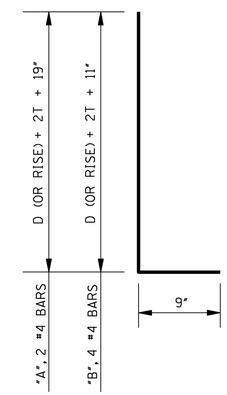
PLAN OF INLET

QUANTITIES									
PIPE SIZE	MIN. DEPTH TO F.L.	MIN. DEPTH INLET		PIPE OPENING DEDUCTION (yd^3)	T	BAR LIST			
		CONC. (yd^3)	STEEL (lbs)			BARS "A" / #4	BARS "B" / #4	BARS "C" / #4	BARS "D" / #4
18"	2.708'	0.763	55	0.053	2 1/2"	2 @ 4'-3"	4 @ 3'-7"	10 @ 3'-1 1/2"	10 @ 2'-10"
24"	3.250'	0.822	57	0.091	3"	2 @ 4'-10"	4 @ 4'-2"	10 @ 3'-1 1/2"	10 @ 2'-10"
22" X 13"	2.333'	0.686	48	0.053	2 1/2"	2 @ 3'-10 1/2"	4 @ 3'-2 1/2"	9 @ 3'-1 1/2"	8 @ 2'-10"

NOTES:
1. ONE (1) PIPE OPENING HAS BEEN DEDUCTED FROM THE STRUCTURE.
2. FOR EACH ADDITIONAL FOOT OF INLET HEIGHT, ADD 0.238 yd^3 CLASS "B" CONCRETE AND 13 lbs REINFORCING STEEL.
3. 3 BARS "C" AND 2 BARS "D" REQUIRED PER EACH ADDITIONAL FOOT OF INLET HEIGHT. LENGTH OF BARS "A" & BARS "B" WILL BE INCREASED ACCORDING TO ADDITIONAL HEIGHT.
4. WEIGHT OF FRAME CASTING = 244 lbs.
   WEIGHT OF GRATE = SEE SHEET IG-2.

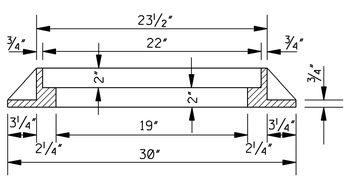


BARS "C" & "D"

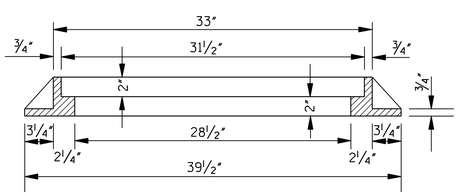


BARS "A" & "B"

BAR DETAILS



SECTION B–B
(FRAME)



SECTION C–C
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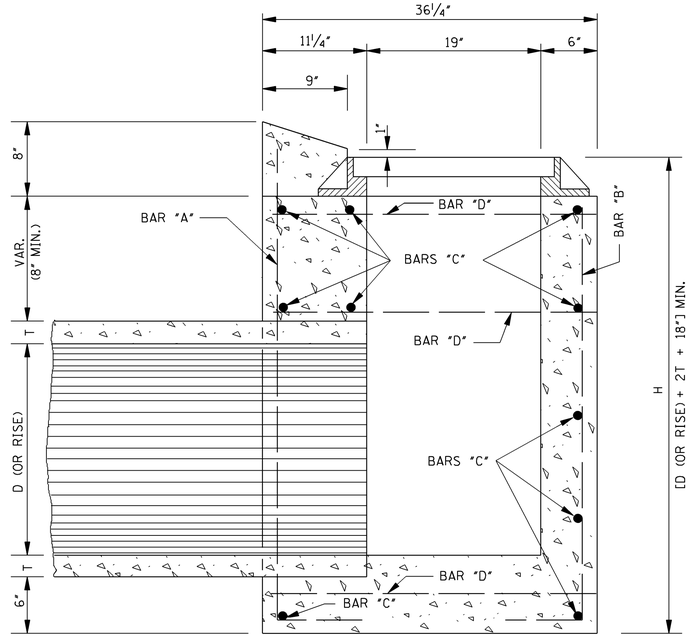
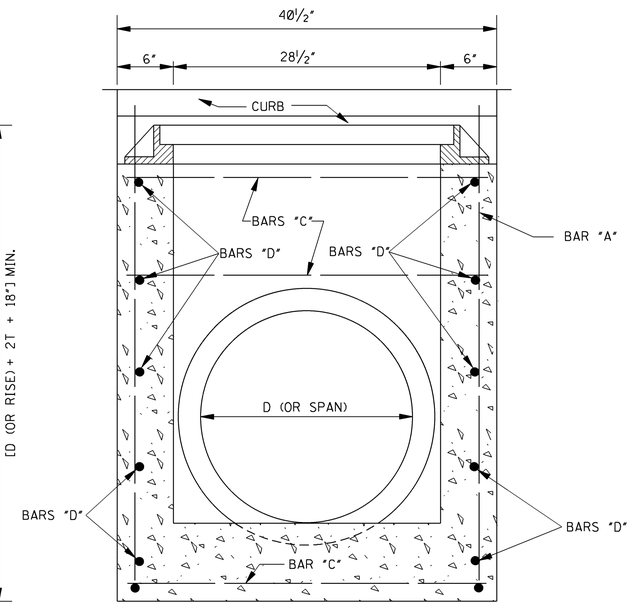


SECTION B–B



SECTION C–C

GENERAL NOTES:

1. QUANTITIES SHOWN WILL BE THE BASIS OF PAYMENT UNLESS AUTHORIZED MODIFICATIONS ARE MADE.
2. CONCRETE SHALL BE CLASS "B" CONCRETE AND REINFORCING STEEL SHALL BE DEFORMED BARS.
3. THE CONTRACTOR HAS THE OPTION TO PROVIDE GRATE NO. 1 OR GRATE NO. 2 AS SHOWN ON SHEET IG-2.
4. FRAME TO BE GRAY IRON CASTING, (AASHTO M 105, CLASS 30).

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

GUTTER INLET FOR TYPE 2 CURB
(OUTLET 90° TO ROADWAY)

ENGLISH

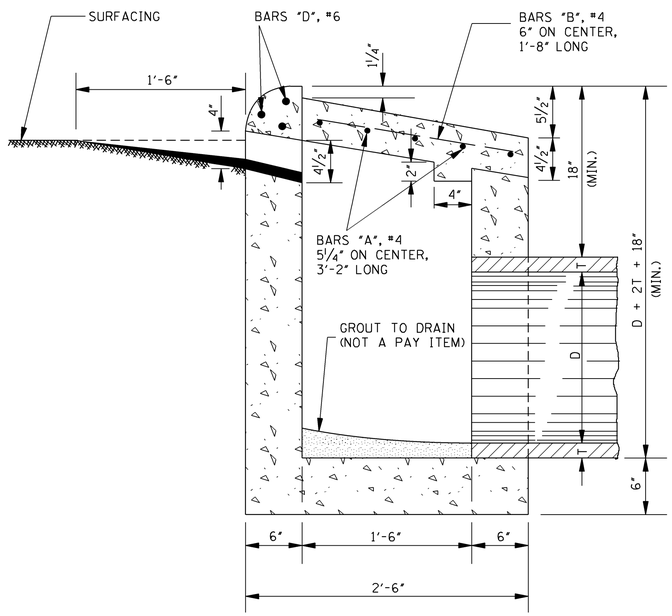
WORKING NUMBER
GI-1

ISSUE DATE: OCTOBER 1, 1998

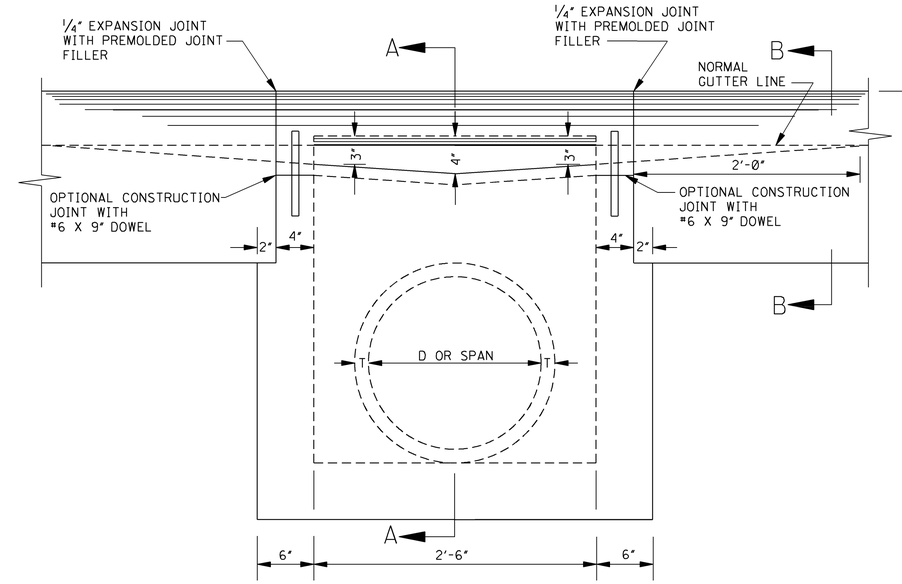
SHEET NUMBER
6316

ADDENDUM

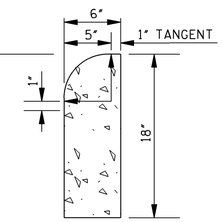
STATE	PROJECT NO.
MISS.	



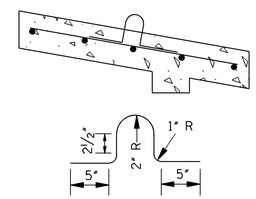
SECTION A–A



ELEVATION

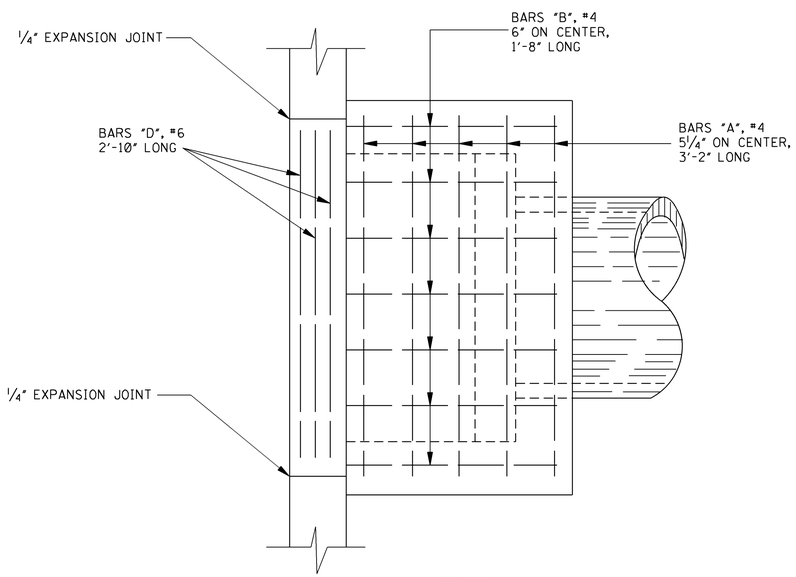


SECTION B–B



LIFT BAR - #4
OVERALL LENGTH = 26"
1 REQUIRED
COST OF LIFT BAR
TO BE ABSORBED

DETAIL SHOWING METHOD OF LIFTING INLET COVER



PLAN

PIPE SIZE	CLASS "B" CONCRETE (yd^3)	REINF. STEEL (lbs)	EXTRA CONC. EACH ADDED FOOT OF DEPTH (yd^3)
15"	0.64	31	0.185
18"	0.67	31	0.185
24"	0.74	31	0.185
22" X 13"	0.62	31	0.185

GENERAL NOTES:

1. THE STANDARD SPECIFICATIONS ADOPTED BY THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION, UNLESS OTHERWISE INDICATED HEREIN, SHALL APPLY TO ALL ITEMS INCLUDED ON THIS DRAWING.
2. QUANTITIES SHOWN SHALL BE THE BASIS FOR PAYMENT UNLESS AUTHORIZED MODIFICATIONS ARE MADE.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

STORM SEWER STRUCTURE, TYPE SS–4 HEADER CURB

ENGLISH

WORKING NUMBER
SS-4

ISSUE DATE: OCTOBER 1, 1998

SHEET NUMBER
6324