

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 10/20/2015 ADDENDUM NO. DATED
 ADDENDUM NO. DATED ADDENDUM NO. DATED

Number	Description
1	Revised TOC; Bid Items; Plan Sheet Nos. 2, 6-9, 8001, 8002, & 8037; 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.

Revised 07/2015

STP-0008-04(046) / 102127301

Holmes County(ies)

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

10/21/2015 08:10 AM

Construction necessary to create a Railroad Overpass on US 49E at Bee Lake, known as Federal Aid Project No. STP-0008-04(046) / 102127301 in Holmes County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	202-B005		4,362	Square Meter	Removal of Asphalt Pavement (All Depths)
0020	202-B107		7	Meter	Removal of Pipe (All Sizes)
0030	203-G004	(E)	13,376	Cubic Meter	Excess Excavation (LVM) (AH)
0040	206-A001	(S)	469	Cubic Meter	Structure Excavation
0050	211-B001	(E)	11,143	Cubic Meter	Topsoil for Slope Treatment(Contractor Furnished) (LVM)
0060	213-B001		3	Metric Ton	Combination Fertilizer (13-13-13)
0070	213-C001		11	Metric Ton	Superphosphate
0080	219-A001		8	thousand liter	Watering [\$6.00]
0090	220-A001		6	Hectare	Insect Pest Control [\$75.00]
0100	221-A001	(S)	91	Cubic Meter	Portland Cement Concrete Paved Ditch
0110	224-A001		1,720	Square Meter	Soil Reinforcing Mat
0120	235-A001		1,482	Bale	Temporary Erosion Checks
0130	408-A003	(A3)	2,290	Liter	Asphalt for Prime Coat, Cut-Back MC-70 or Emulsified EA-1
0140	501-E001		57	Meter	Expansion Joints (Without Dowels)
0150	502-A001	(C)	341	Square Meter	Reinforced Cement Concrete Bridge End Pavement
0160	603-C-A003	(S)	16	Meter	600-mm Reinforced Concrete Pipe, Class III
0170	603-C-A004	(S)	31	Meter	750-mm Reinforced Concrete Pipe, Class III
0180	603-C-A005	(S)	112	Meter	900-mm Reinforced Concrete Pipe, Class III
0190	603-C-B002	(S)	2	Each	600-mm Reinforced Concrete End Section
0200	603-C-B003	(S)	2	Each	750-mm Reinforced Concrete End Section
0210	603-C-B004	(S)	2	Each	900-mm Reinforced Concrete End Section
0220	606-B001		275	Meter	Guard Rail (Class A, Type 1)
0230	606-D012		8	Each	Guard Rail, Bridge End Section, Type I
0240	609-D003	(S)	75	Meter	Combination Concrete Curb and Gutter Type 3
0250	615-A016	(S)	24	Meter	Concrete Bridge End Barrier, 850-mm
0260	619-D1001		21	Square Meter	Standard Roadside Construction Signs (less than 0.9 square meter)
0270	619-D2001		22	Square Meter	Standard Roadside Construction Signs (0.9 square meter or more)
0280	619-G4001		95	Meter	Barricades (Type III) (Single Faced)
0290	619-G4005		29	Meter	Barricades (Type III) (Double Faced)
0300	619-G5001		116	Each	Free Standing Plastic Drums
0310	620-A001		1	Lump Sum	Mobilization
0320	630-A001		9	Square Meter	Standard Roadside Signs (Sheet Aluminum, 2.03-mm Thickness)

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0330	630-A002		59	Square Meter	Standard Roadside Signs (Sheet Aluminum, 3.18-mm Thickness)
0340	630-C003		40	Meter	Steel U-Section Posts (4.46 kg/m)
0350	630-F001		44	Each	Delineators (Guard Rail)(White)
0360	630-G001		8	Each	Type 3 Object Markers (OM-3R or OM-3L) Post Mounted
0370	907-201-A001		1	Lump Sum	Clearing and Grubbing
0380	907-203-EX012	(E)	304,381	Cubic Meter	Borrow Excavation (AH)(LVM) (Class B9)
0390	907-216-A001		738	Square Meter	Solid Sodding
0400	907-217-A001		750	Square Meter	Ditch Liner
0410	907-223-A001		4	Hectare	Mowing [\$125.00]
0420	907-225-A001		9	Hectare	Grassing
0430	907-225-C001		41	Metric Ton	Mulch, Vegetative Mulch
0440	907-226-A002		9	Hectare	Temporary Grassing
0450	907-234-A002		2,010	Meter	Temporary Silt Fence
0460	907-234-C002		4,920	Meter	Super Silt Fence
0470	907-237-A002		3,000	Meter	Wattles, 500-mm
0480	907-245-A001		90	Meter	Triangular Silt Dike
0490	907-246-B001		1,500	Meter	Rockbags
0500	907-304-B002	(GT)	2,904	Metric Ton	Granular Material (Class 5, Group E)
0510	907-403-A022	(BA1)	2,060	Metric Ton	9.5-mm, MT, Asphalt Pavement
0520	907-403-A023	(BA1)	2,177	Metric Ton	12.5-mm, MT, Asphalt Pavement
0530	907-403-A024	(BA1)	1,480	Metric Ton	19-mm, MT, Asphalt Pavement
0540	907-403-C009	(BA1)	170	Metric Ton	19-mm, MT, Asphalt Pavement, Trench Widening
0550	907-407-A001	(A2)	6,000	Liter	Asphalt for Tack Coat
0560	907-413-E001		20	Meter	Sawing and Sealing Transverse Joints in Asphalt Pavment
0570	907-423-A001		3	Kilometer	Rumble Strips (Ground In)
0580	907-501-K001		331	Square Meter	Transverse Grooving
0590	907-601-B001	(S)	1	Cubic Meter	Class "B" Structural Concrete, Minor Structures
0600	907-603-ALT13	(S)	17	Meter	900-mm Type A Alternate Pipe
0610	907-606-E001		8	Each	Guard Rail, Terminal End Section
0620	907-617-A003		21	Each	Right-of-Way Marker
0630	907-618-A001		1	Lump Sum	Maintenance of Traffic
0640	907-619-A2001		1,300	Meter	Temporary Traffic Stripe (Continuous Yellow) (Paint)
0650	907-619-A4006		2,050	Meter	Temporary Traffic Stripe, Skip Yellow
0660	907-626-AA006		178	Meter	150-mm Thermoplastic Double Drop Traffic Stripe (Skip White)(2.25-

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0670	907-626-CC005		4,202	Meter	min.) 150-mm Thermoplastic Double Drop Edge Stripe (Continuous White) 25-mm min)
0680	907-626-DD004		1,830	Meter	150-mm Thermoplastic Double Drop Traffic Stripe, Skip Yellow
0690	907-626-EE005		1,087	Meter	150-mm Thermoplastic Double Drop Traffic Stripe, Continuous Yellow 2.25-mm min
0700	907-626-GG009		404	Meter	Thermoplastic Double Drop Detail Stripe, White
0710	907-626-GG010		136	Meter	Thermoplastic Double Drop Detail Stripe, Yellow
0720	907-626-U001		88	Meter	High Performance Thermoplastic Legend)(White)(3.00-mm min.)
0730	907-627-J001		60	Each	Two-Way Clear Reflective High Performance Raised Markers
0740	907-627-L001		140	Each	Two-Way Yellow Reflective High Performance Raised Markers
0750	907-699-A001		1	Lump Sum	Roadway Construction Stakes
0760	907-899-A001		1	Lump Sum	Railway Highway Provisions
0770	907-906001		520	Hours	Trainees [\$5.00]
ALTERNATE GROUP AA NUMBER 1					
0780	907-308-A001		220	Metric Ton	Portland Cement
0790	907-308-B003	(M)	20,234	Square Meter	Soil-Cement-Water Mixing, (Optional Mixers)
0800	907-308-S001	(A3)	22,902	Liter	Bituminous Curing Seal
ALTERNATE GROUP AA NUMBER 2					
0810	907-311-A002	(M)	20,234	Square Meter	Processing Lime and Fly Ash Treated Course, 150 mm Thick
0820	907-311-B001		178	Metric Ton	Lime
0830	907-311-C001		710	Metric Ton	Fly Ash (Class C)
0840	907-311-S001	(A3)	22,902	Liter	Bituminous Curing Seal
ALTERNATE GROUP BB NUMBER 1					
0850	907-626-K003		1,830	Meter	150-mm Inverted Profile Thermoplastic Traffic Stripe, Skip Yellow
0860	907-626-M003		404	Meter	Inverted Profile Thermoplastic Detail Traffic Stripe (150-mm Equivale Length)(White)
0870	907-626-M004		4,202	Meter	Inverted Profile Thermoplastic Detail Traffic Stripe (150-mm Equivale Length)(Yellow)
ALTERNATE GROUP BB NUMBER 2					
0880	907-628-BB002		404	Meter	150-mm Cold Plastic Traffic Stripe, Continuous White
0890	907-628-DD002		1,830	Meter	150-mm Cold Plastic Traffic Stripe, Skip Yellow
0900	907-628-EE001		4,202	Meter	150-mm Cold Plastic Traffic Stripe (Continuous Yellow)
Bridge Items					
0910	805-A001	(S)	289,815	Kilogram	Reinforcement
0920	813-A005	(S)	803	Meter	Concrete Railing (815-mm)
0930	815-A007	(S)	231	Metric Ton	Loose Riprap, (Size 136 kg)
0940	815-D001	(S)	235	Cubic Meter	Concrete Slope Paving

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0950	907-501-K001		4,800	Square Meter	Transverse Grooving
0960	907-803-B002	(S)	2	Each	Conventional Static Pile Load Test [\$5,000.00]
0970	907-803-C001	(S)	480	Meter	350-mm x 350-mm Prestressed Concrete Piling
0980	907-803-C002	(S)	782	Meter	400-mm x 400-mm Prestressed Concrete Piling
0990	907-803-I001	(S)	4	Each	PDA Test Pile
1000	907-803-J001	(S)	4	Each	Pile Restrike
1010	907-803-M004	(S)	351	Meter	Drilled Shaft (1500-mm Diameter)
1020	907-803-M010	(S)	291	Meter	Drilled Shaft (1675-mm Diameter)
1030	907-803-N004	(S)	1	Each	Test Shafts (1500-mm Diameter)
1040	907-803-N013	(S)	1	Each	Test Shafts (1675-mm Diameter)
1050	907-803-O004	(S)	24	Meter	Trial Shafts (1500-mm Diameter)
1060	907-803-O013	(S)	25	Meter	Trial Shafts (1675-mm Diameter)
1070	907-803-P001	(S)	45	Meter	Exploration
1080	907-803-R003	(S)	36	Meter	Permanent Casing (1500-mm Diameter)
1090	907-803-R007	(S)	118	Meter	Temporary Casing (1500-mm Diameter)
1100	907-803-R015	(S)	145	Meter	Temporary Casing (1675-mm Diameter)
1110	907-804-A001	(S)	2,591	Cubic Meter	Bridge Concrete (Class AA)
1120	907-804-C001	(S)	1,077	Meter	30-m Prestressed Concrete Beams, Type IV
1130	907-804-C014	(S)	279	Meter	40-m Prestressed Concrete Beams, Type BT-1830
1140	907-804-C030	(S)	518	Meter	29-m Prestressed Concrete Beams, Type IV
1150	907-804-C058	(S)	554	Meter	31-m Prestressed Concrete Beams, Type IV
1160	907-815-E001	(S)	984	Square Meter	Geotextile Fabric under Riprap

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0008-04(046)

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GUARD RAIL : "W" BEAM (STEEL POSTS)	(3-01-02)	GR-1B	6182
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FOR 2-LANE, 2-WAY HIGHWAY	(12-01-99)	GR-4A	6195
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** SEE BRIDGE PLANS FOR BRIDGE DETAILED INDEX SHEET

BROWN

PS & E PLANS-DATE 07/30/14		
FMS CON. # 102127/301000		
REVISIONS		
DATE	SHEET NO.	BY
9/23/15	9-10	DMB
10/14/15	6-9	DMB

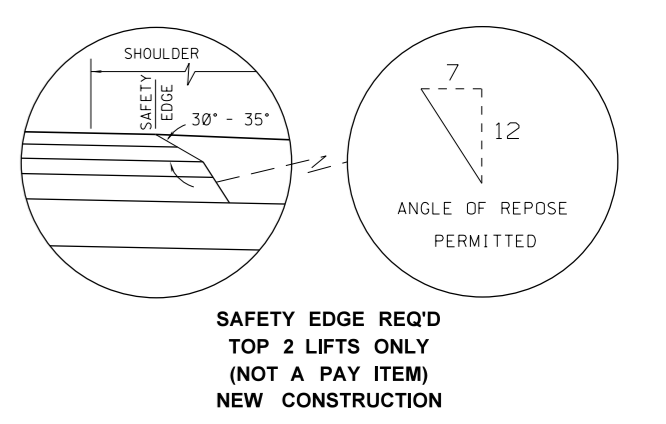
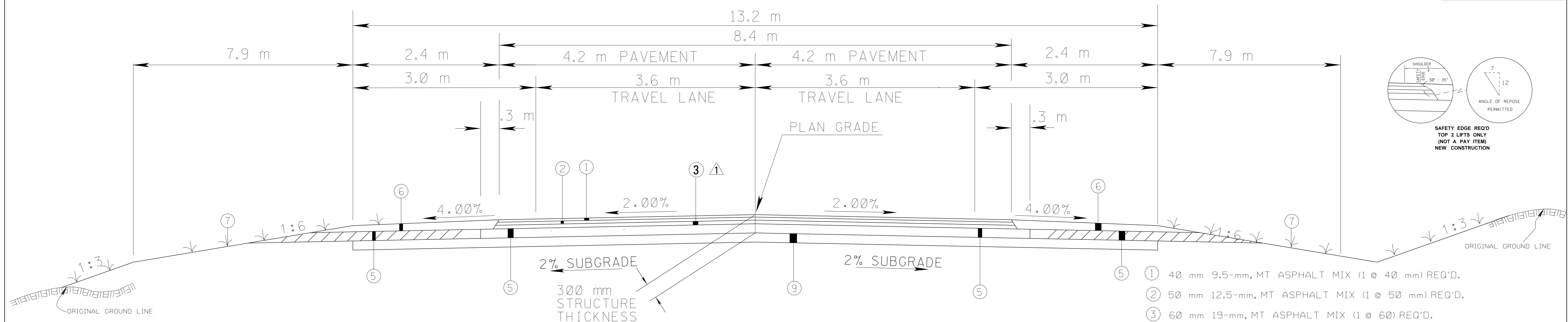
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJ. NO. STP-0008-04(046)	
COUNTY: HOLMES	
WORKING NUMBER	DI-1
SHEET NUMBER	2
FILENAME: DI-1.DGN	
DESIGN TEAM	BROWN
CHECKED	
DATE	



WORKING NUMBER
DI-1
SHEET NUMBER
2

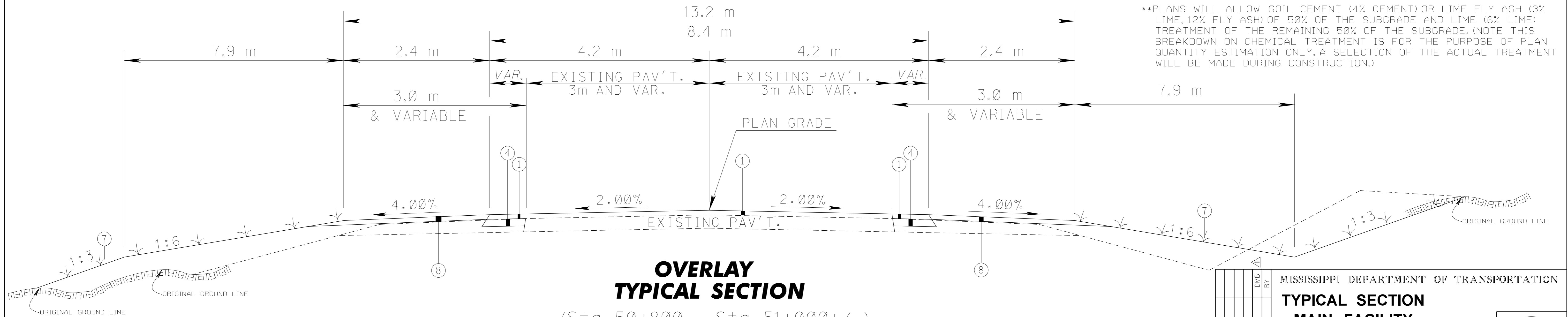
ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0008-04(046)



**NEW CONSTRUCTION
TYPICAL SECTION**
Sta. 51+000 - Sta. 52+650

- ① 40 mm 9.5-mm, MT ASPHALT MIX (1 @ 40 mm) REQ'D.
 - ② 50 mm 12.5-mm, MT ASPHALT MIX (1 @ 50 mm) REQ'D.
 - ③ 60 mm 19-mm, MT ASPHALT MIX (1 @ 60) REQ'D.
 - ④ 75 mm 19-mm, MT ASPHALT MIX TRENCH WIDENING (1 @ 75 mm) REQ'D.
 - * ⑤ 150 mm CHEMICALLY TREATED GRANULAR MATERIAL (CLASS 5, GROUP "E") REQ'D. ⚠
 - ⚠ ⑥ 150 mm SHOULDER GRANULAR MATERIAL (CLASS 5, GROUP "E") REQ'D.
 - ⑦ INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1
 - ⑧ 40 mm SHOULDER GRANULAR MATERIAL (CLASS 5, GROUP "E") REQ'D. ⚠
 - ** ⑨ 150 mm CHEMICALLY TREATED SUBGRADE (40% - 6% LIME: 60% - 3% LIME/12% FLYASH)
- * LIME FLY ASH TREATMENT (3% LIME, 12% FLY ASH) OR SOIL CEMENT TREATMENT (5.5%). (OR AROVED MIX DESIGN).
- ** PLANS WILL ALLOW SOIL CEMENT (4% CEMENT) OR LIME FLY ASH (3% LIME, 12% FLY ASH) OF 50% OF THE SUBGRADE AND LIME (6% LIME) TREATMENT OF THE REMAINING 50% OF THE SUBGRADE. (NOTE THIS BREAKDOWN ON CHEMICAL TREATMENT IS FOR THE PURPOSE OF PLAN QUANTITY ESTIMATION ONLY. A SELECTION OF THE ACTUAL TREATMENT WILL BE MADE DURING CONSTRUCTION.)



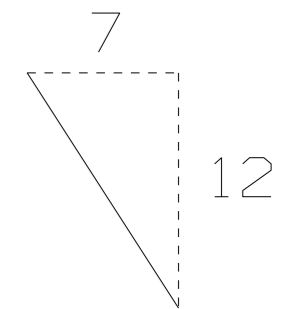
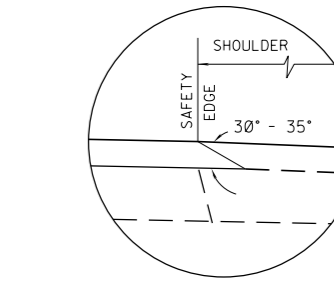
**OVERLAY
TYPICAL SECTION**
(Sta. 50+800 - Sta. 51+000+/-)
(Sta. 52+650+/-) - Sta. 52+850

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
TYPICAL SECTION MAIN FACILITY	
PROJ. NO.: STP-0008-04(046)	
COUNTY: HOLMES	
10/14/15	FILENAME: TYPSEC.DGN
DESIGN TEAM	BROWN
CHECKED	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
METRIC	
WORKING NUMBER	
TS-1	
SHEET NUMBER	
6	

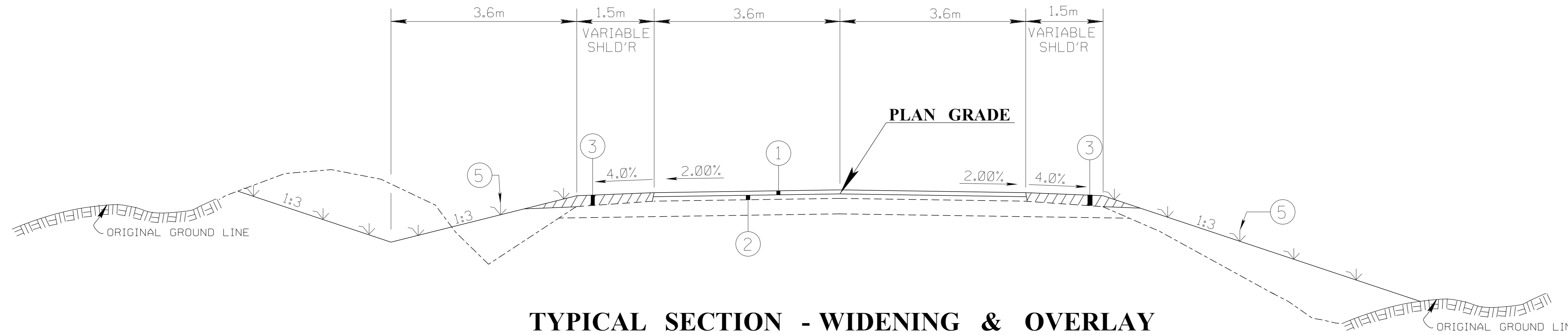
METRIC PLAN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0008-04(046)



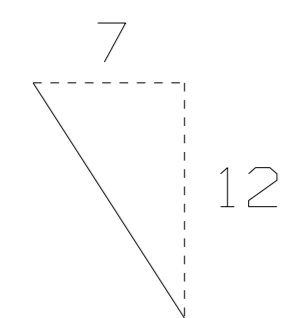
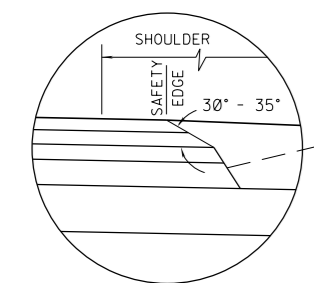
ANGLE OF REPOSE PERMITTED



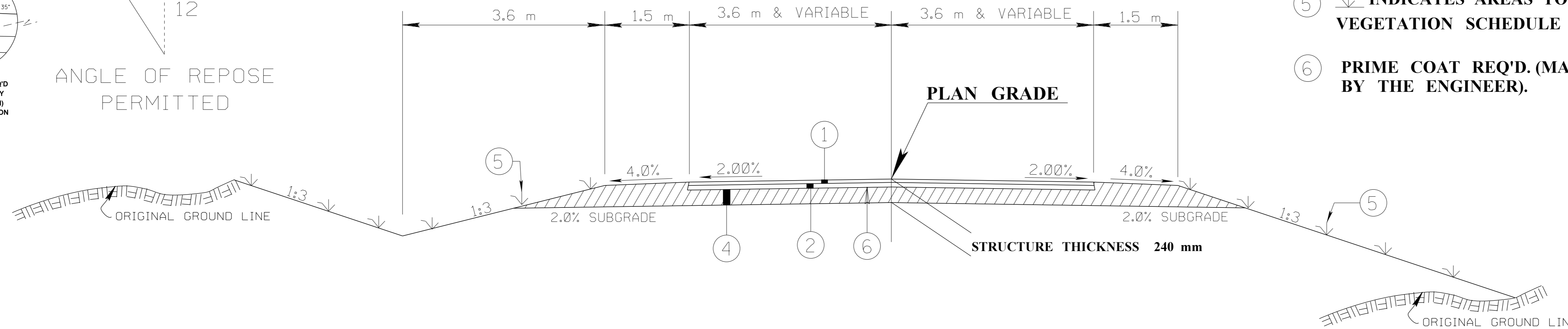
TYPICAL SECTION - WIDENING & OVERLAY

STA. 0+100 TO STA. 0+200

- ① 40 mm 9.5-mm, MT, ASPHALT MIX (1 @ 40 mm) REQ'D.
- ② 50 mm 12.5-mm, MT, ASPHALT MIX (1 @ 50mm) REQ'D.
- ③ 90 mm SHOULDER GRANULAR MATERIAL (CLASS 5, GROUP "E") REQ'D. Δ
- ④ 150 mm GRANULAR MATERIAL (CLASS 5, GROUP "E") REQ'D. Δ
- ⑤ ∇ INDICATES AREAS TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE (SEE WK. SH. NO. VS-1)
- ⑥ PRIME COAT REQ'D. (MAY BE DELETED AS DIRECTED BY THE ENGINEER).



ANGLE OF REPOSE PERMITTED



TYPICAL SECTION - NEW CONSTRUCTION

STA. 0+000 TO STA. 0+100

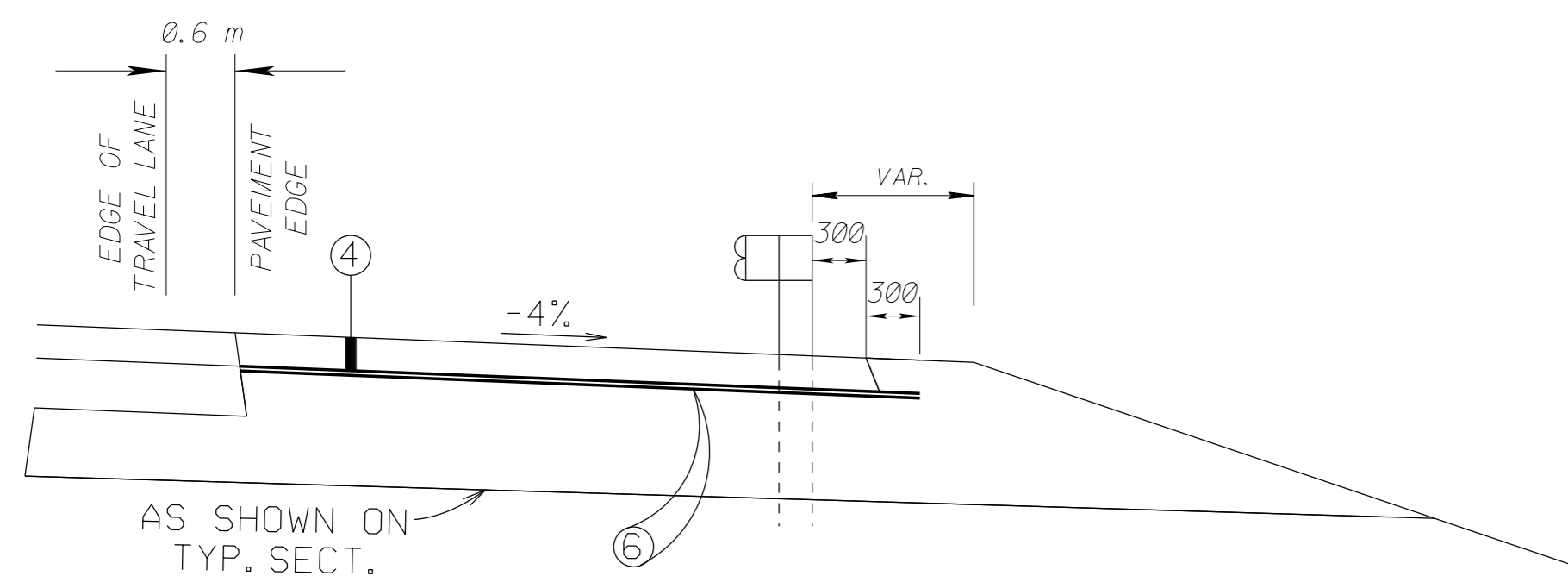
DWB		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISED NOTE		REVISION		TYPICAL SECTIONS	
				LOCAL ROAD	
				@ STA. 52+425.000	
				PROJ.NO. STP-0008-04(046)	
				COUNTY: HOLMES	
10/14/15		DATE		WORKING NUMBER	
		FILENAME: TYPSECA.DGN		TS-2	
		DESIGN TEAM BROWN CHECKED DATE		SHEET NUMBER	
				7	



WORKING NUMBER
TS-2
SHEET NUMBER
7

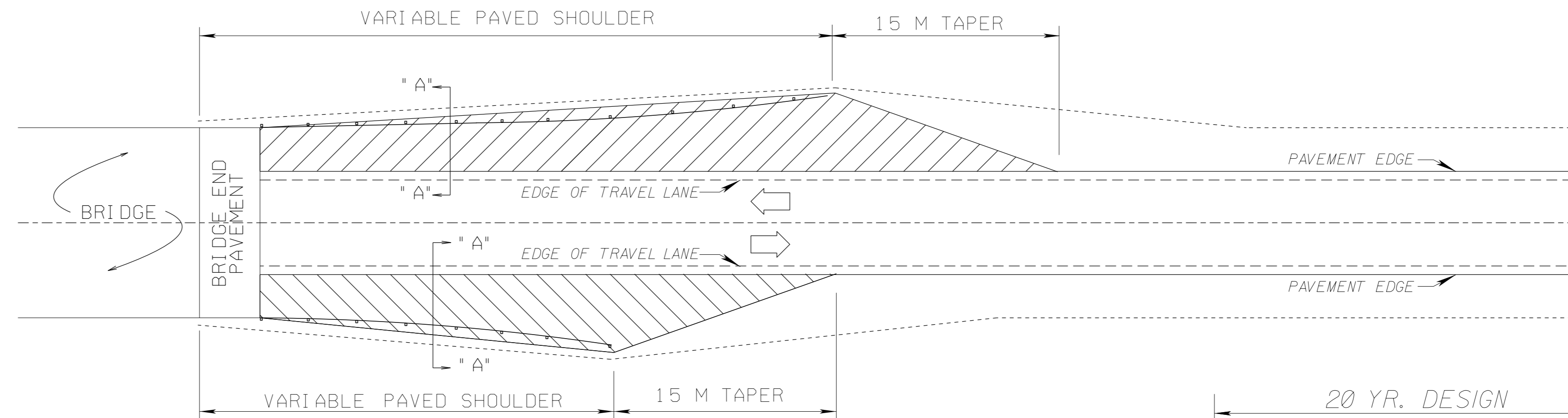
ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0008-04(046)

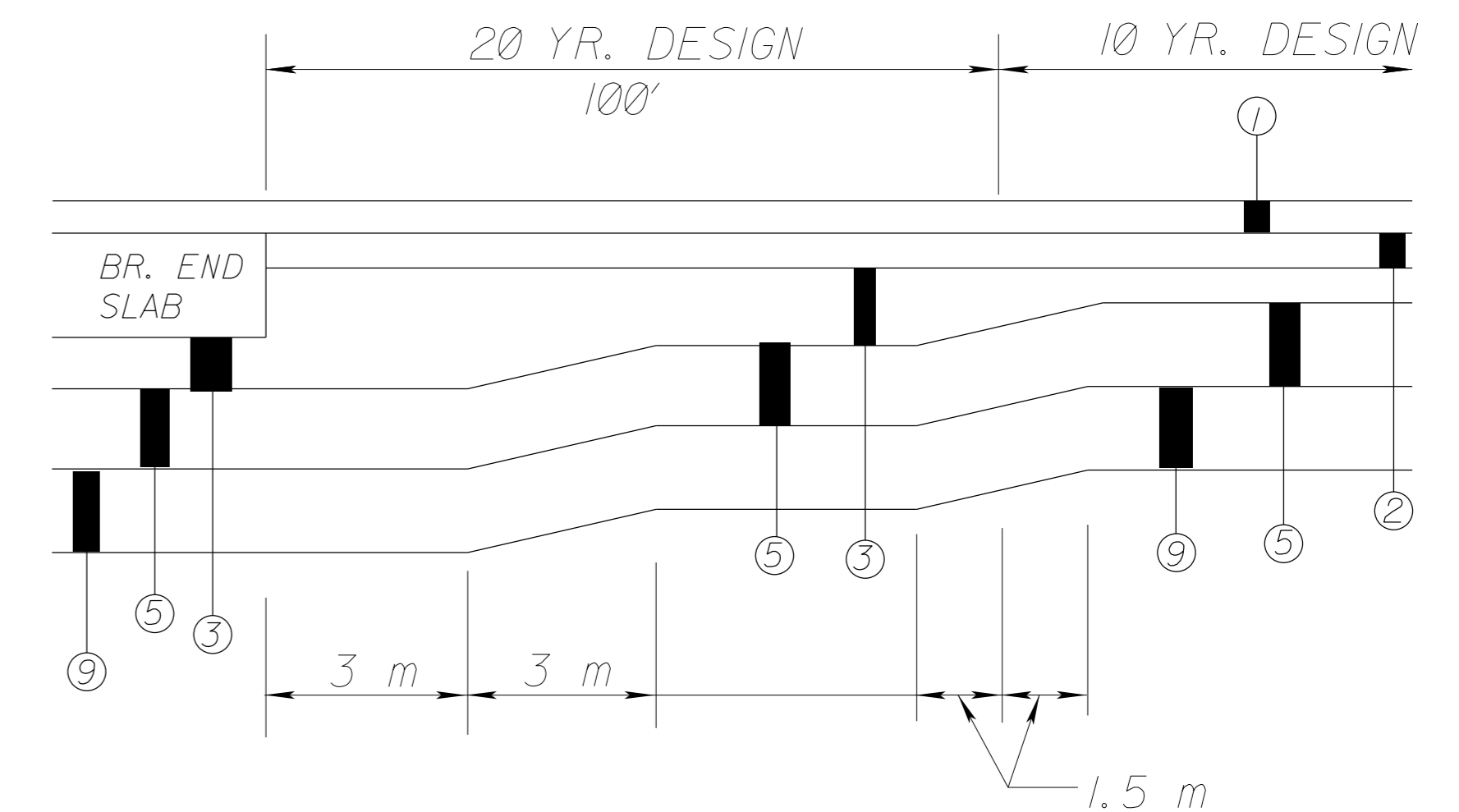


SECTION A-A

- ④ TOP 2 LIFTS OF HMA OR WMA AS SHOWN ON TYPICAL SECTION.
- ⑥ PRIME COAT (MAY BE DELETED WHEN PERMITTED BY THE ENGINEER).

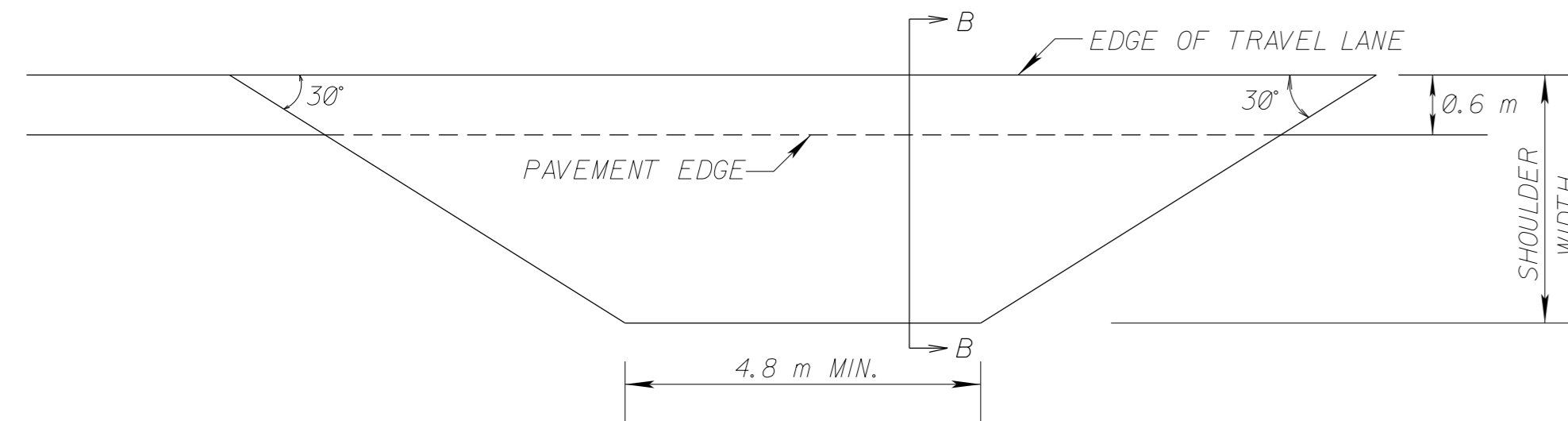


DETAIL OF PAVED SHOULDERS AT BRIDGE ENDS
SEE SECTION "A" - "A"

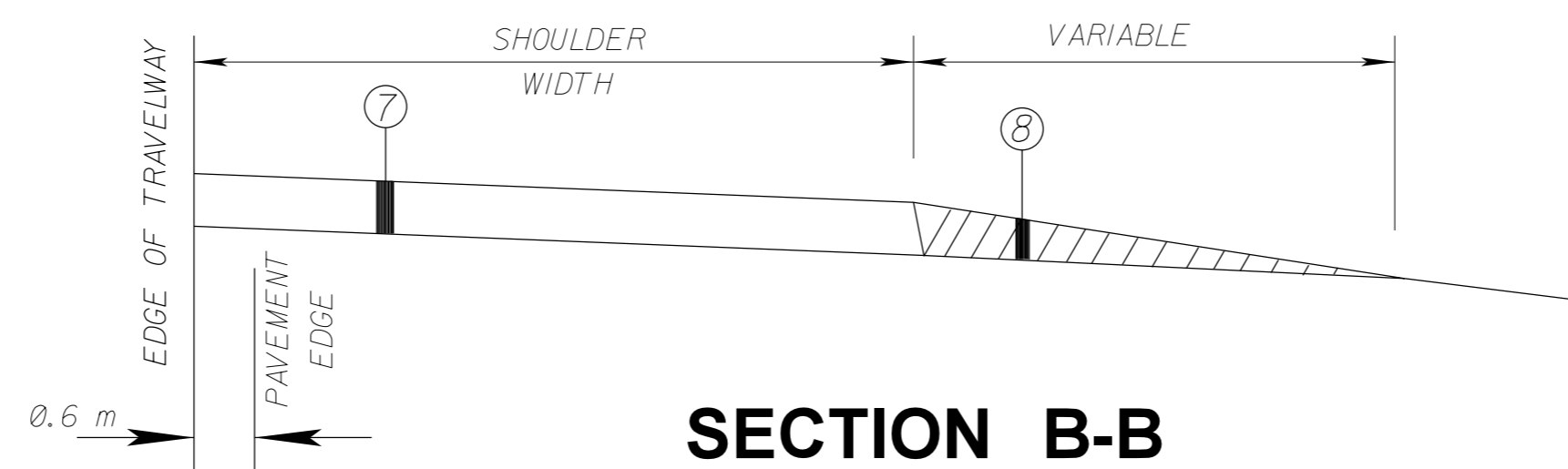


DETAIL FOR PAVEMENT TRANSITION AT BRIDGE ENDS

- ① 40mm 9.5-mm, MT ASPHALT MIX REQ'D.
- ② 50mm 12.5-mm, MT ASPHALT MIX REQ'D.
- ③ 60mm 19-mm, MT ASPHALT MIX REQ'D.
- ⑤ 150mm & VARIABLE DEPTH CHEMICALLY TREATED GRANULAR MATERIAL (CLASS "5, GROUP "E") REQ'D.▲
- ⑨ 150mm CHEMICALLY TREATED SUBGRADE REQ'D.




DETAIL OF PAVED APRON
SEE SECTION B-B



SECTION B-B

- ⑦ TOP 2 LIFTS OF HMA OR WMA AS SHOWN ON TYPICAL SECTION.
- ⑧ VARIABLE DEPTH GRANULAR MATERIAL AS SHOWN ON TYPICAL SECTION

ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED

DATE	10/14/15	DESIGN TEAM	BROWN	CHECKED		DATE	
REVISION		BY				WORKING NUMBER	TS-3
REVISOR		DATE				SHEET NUMBER	8
DATE	10/14/15	FILENAME	TYPSECB.DGN			PROJECT NO. : STP-0008-04(046)	
DATE		DESIGN TEAM	BROWN			COUNTY : HOLMES	
DATE		DESIGNER				MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DATE		CHECKER				MISCELLANEOUS TYPICAL SECTION DETAILS	
DATE		BY					



ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0008-04(046)

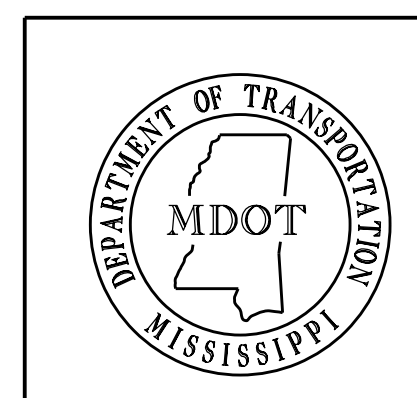
*DESCRIPTION OF SHEETS
SPECIAL DESIGN SHEETS BRIDGE DRAWINGS*

<i>DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS BRIDGE DRAWINGS</i>	<i>WORKING NUMBER</i>	<i>SHEET NUMBER</i>
DETAILED INDEX (BRIDGE)	DI-BR	8001
SUMMARY OF QUANTITIES (BRIDGE ITEMS)	50-BR-01	8002
ESTIMATED QUANTITIES (BRIDGE ITEMS)	E0-BR-01	8003
BRIDGE AT STA. 51+519.462		
OVERPASS AT STA. 51+519.462 US HWY. 49E OVER ILLINOIS CENTRAL RAILROAD	A1 OF 33	8004
OVERPASS AT STA. 51+519.462 US HWY. 49E OVER ILLINOIS CENTRAL RAILROAD	A2 OF 33	8005
OVERPASS AT STA. 51+519.462 US HWY. 49E OVER ILLINOIS CENTRAL RAILROAD	A3 OF 33	8006
OVERPASS AT STA. 51+519.462 US HWY. 49E OVER ILLINOIS CENTRAL RAILROAD	A4 OF 33	8007
OVERPASS AT STA. 51+519.462 US HWY. 49E OVER ILLINOIS CENTRAL RAILROAD	A5 OF 33	8008
GENERALIZED SOIL PROFILE	A6 OF 33	8009
END BENT NO. 1 DETAILS	A7 OF 33	8010
END BENT NO. 8 DETAILS	A8 OF 33	8011
END BENT DETAILS	A9 OF 33	8012
INT. BENTS NO. 2 & 3 DETAILS	A10 OF 33	8013
INT. BENT NO. 4 DETAILS	A11 OF 33	8014
INT. BENT NO. 5 DETAILS	A12 OF 33	8015
COLLISION WALL DETAILS	A13 OF 33	8016
INT. BENTS 6 & 7 DETAILS	A14 OF 33	8017
29 m SPAN NO. 1 DETAILS	A15 OF 33	8018
29 m SPAN NO. 2 DETAILS	A16 OF 33	8019
29 m SPAN NO. 3 DETAILS	A17 OF 33	8020
40 m SPAN NO. 4 DETAILS	A18 OF 33	8021
40 m SPAN DETAILS	A19 OF 33	8022
31 m SPAN NO. 5 DETAILS	A20 OF 33	8023
31 m SPAN NO. 6 DETAILS	A21 OF 33	8024
31 m SPAN NO. 7 DETAILS	A22 OF 33	8025
29 m & 31 m SPAN DETAILS	A23 OF 33	8026
MISCELLANEOUS SPAN DETAILS	A24 OF 33	8027
RAILING DETAILS	A25 OF 33	8028
BEARING PAD DETAILS	A26 OF 33	8029
29 m END BEAM NO. 29-1 THRU 29-6 DETAILS (TYPE IV)	A27 OF 33	8030
29 m INT BEAM NO. 29-7 THRU 29-12 DETAILS (TYPE IV)	A28 OF 33	8031
40 m INT. BEAM NO. 41-1 THRU 40-4 DETAILS (TYPE BT-1830)	A29 OF 33	8032
31 m END BEAM NO. 31-1 THRU 31-6 DETAILS (TYPE IV)	A30 OF 33	8033
31 m INT. BEAM NO. 31-7 THRU 31-12 DETAILS (TYPE IV)	A31 OF 33	8034
CONCRETE PILE DETAILS	A32 OF 33	8035
OSTERBERG LOAD TEST DETAILS	A33 OF 33	8036

*DESCRIPTION OF SHEETS
SPECIAL DESIGN SHEETS BRIDGE DRAWINGS*

<i>DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS BRIDGE DRAWINGS</i>	<i>WORKING NUMBER</i>	<i>SHEET NUMBER</i>
BRIDGE AT STA. 51+924.655		
BRIDGE AT STA. 51+924.655 US HWY. 49E ACROSS PARKERS BAYOU	B1 OF 19	8037
BRIDGE AT STA. 51+924.655 US HWY. 49E ACROSS PARKERS BAYOU	B2 OF 19	8038
BRIDGE AT STA. 51+924.655 US HWY. 49E ACROSS PARKERS BAYOU	B3 OF 19	8039
BRIDGE AT STA. 51+924.655 US HWY. 49E ACROSS PARKERS BAYOU	B4 OF 19	8040
GENERALIZED SOIL PROFILE	B5 OF 19	8041
END BENT NO. 1 DETAILS	B6 OF 19	8042
END BENT NO. 7 DETAILS	B7 OF 19	8043
END BENT DETAILS	B8 OF 19	8044
INT. BENTS NO. 2, 3 & 6 DETAILS	B9 OF 19	8045
INT. BENTS NO. 4 & 5 DETAILS	B10 OF 19	8046
30 m END SPAN NO. 1 DETAILS	B11 OF 19	8047
30 m INT. SPAN NO. 2 THRU 5 DETAILS	B12 OF 19	8048
30 m END SPAN NO. 6 DETAILS	B13 OF 19	8049
30 m SPAN DETAILS	B14 OF 19	8050
MISCELLANEOUS SPAN DETAILS	B15 OF 19	8051
RAILING DETAILS	B16 OF 19	8052
30 m END AND INT. BEAMS NO. 30-1 THRU 30-6 DETAILS (TYPE IV)	B17 OF 19	8053
CONCRETE PILE DETAILS	B18 OF 19	8054
OSTERBERG LOAD TEST DETAILS	B19 OF 19	8055
SPECIAL DESIGN SHEETS EROSION CONTROL PLANS		
EROSION CONTROL AT STA. 51+924.655 (Parkers Bayou)	ECP-1	8056
EROSION CONTROL AT STA. 51+924.655 (Parkers Bayou)	ECP-2	8057
EROSION CONTROL AT STA. 51+924.655 (Parkers Bayou)	ECP-3	8058
EROSION CONTROL AT STA. 51+924.655 (Parkers Bayou)	ECP-4	8059

BRIDGE DIVISION REVISIONS		
DATE	SHEET NO.	BY
10/15/15	8002, 8037	KLC

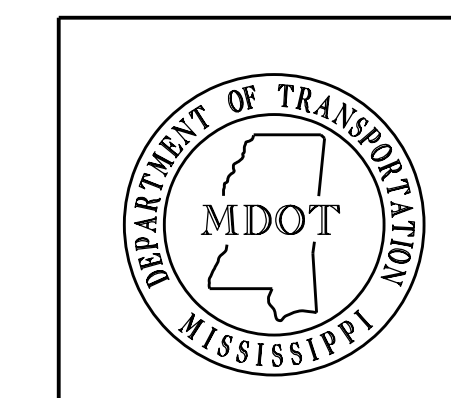


MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX (BRIDGE)	
PROJECT	STP-0008-04(046) 102127/301000
HOLMES	COUNTY
DESIGNER DETAILER	CHECKER ISSUE DATE
Kevin Champney Kevin Champney	Paul Deas 9/17/2014
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - NICK J. ALTABELLI PE. DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - JUSTIN WALKER PE.	
WORKING NUMBER	SHEET NUMBER
DI-BR	8001

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0008-04(046)

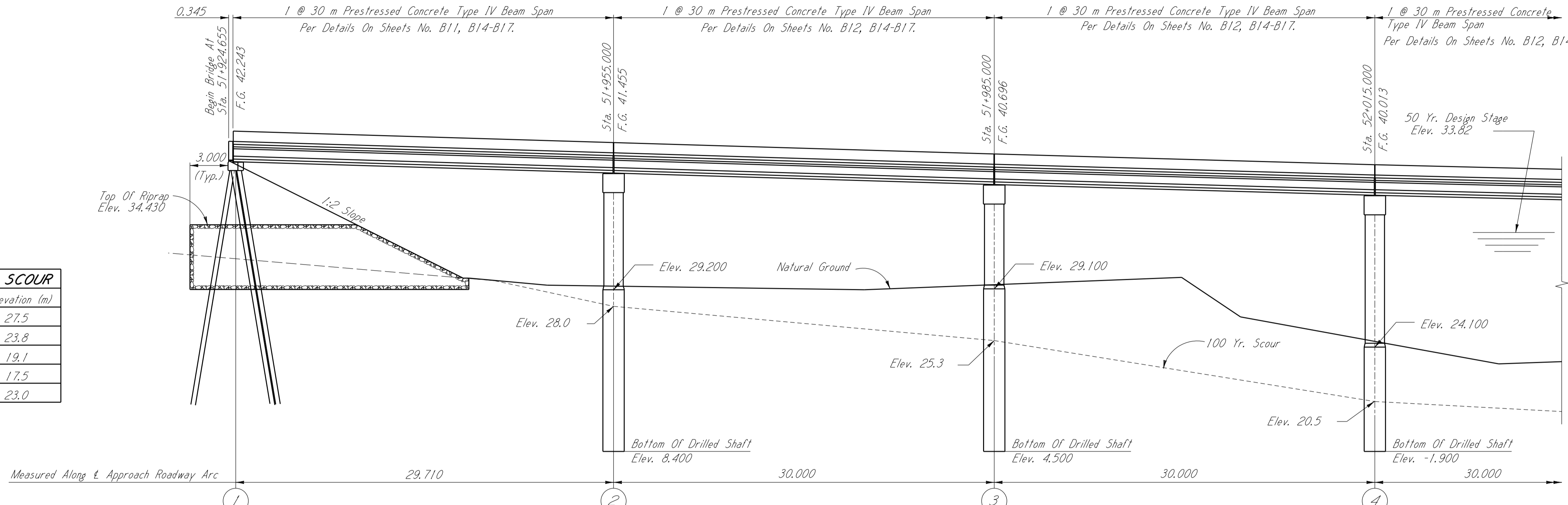
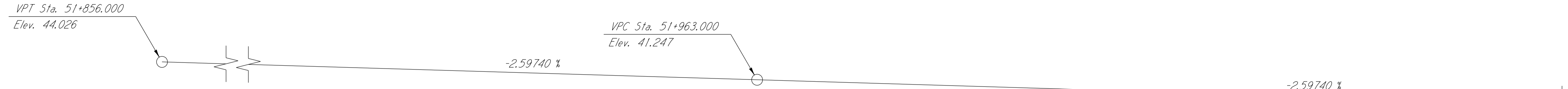
PAY ITEM NO.	PAY ITEM	UNIT	QUANTITIES	
			PRELIMINARY	FINAL
<u>BRIDGE SUMMARY</u>				
907-501-K001	Transverse Grooving	Square Meter	4800	
907-803-B002	Conventional Static Pile Load Test	Each	2	
907-803-C001	350-mm x 350-mm Prestressed Concrete Piling	Meter	480	
△ 907-803-C002	400-mm x 400-mm Prestressed Concrete Piling	Meter	782	
907-803-I001	PDA Test Pile	Each	4	
907-803-J001	Pile Restrike	Each	4	
907-803-M004	Drilled Shaft (1500-mm Diameter)	Meter	351	
907-803-M010	Drilled Shaft (1675-mm Diameter)	Meter	291	
907-803-N004	Test Shafts (1500-mm Diameter)	Each	1	
907-803-N013	Test Shafts (1675-mm Diameter)	Each	1	
907-803-0004	Trial Shafts (1500-mm Diameter)	Meter	24	
907-803-0013	Trial Shafts (1675-mm Diameter)	Meter	25	
907-803-P001	Exploration	Meter	45	
907-803-R003	Permanent Casing (1500-mm Diameter)	Meter	36	
907-803-R007	Temporary Casing (1500-mm Diameter)	Meter	118	
△ 907-803-R015	Temporary Casing (1675-mm Diameter)	Meter	145	
907-804-A001	Bridge Concrete, Class AA	Cubic Meter	2591	
907-804-C001	30 m Prestressed Concrete Beams, Type IV	Meter	1077	
907-804-C014	40 m Prestressed Concrete Beams, Type BT-1830	Meter	279	
907-804-C030	29 m Prestressed Concrete Beams, Type IV	Meter	518	
907-804-C058	31 m Prestressed Concrete Beams, Type IV	Meter	554	
805-A001	Reinforcement	Kilogram	289,815	
813-A005	Concrete Railing (815-mm)	Meter	803	
815-A007	Loose Riprap, (Size 136 kg)	Metric Ton	231	
815-D001	Concrete Slope Paving	Cubic Meter	235	
907-815-E001	Geotextile Fabric under Riprap	Square Meter	984	



REVISIONS		MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES (BRIDGE ITEMS)	
DATE	BY		
PROJECT 102127/301000 STP-0008-04(046)		WORKING NUMBER SQ-BR-01	
HOLMES COUNTY		SHEET NUMBER 8002	
DESIGNER: Barbara J. Jones, P.E. DETAILER: EADD		CHECKER: N/A ISSUE DATE: 09/17/2014	
DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - JUSTIN WALKER, P.E. DEP. DIR. OF STRUCTURES, ASST. STATE BRIDGE ENGINEER - SCOTT WESTERFIELD, P.E.			

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0008-04(046)



Bent No.	Elevation (m)
2	27.5
3	23.8
4	19.1
5	17.5
6	23.0

GENERAL NOTES:
 Specifications: The Mississippi Standard Specifications for Road and Bridge Construction, Metric, 1996.
 No change of plans will be permitted except by written approval of the Director of Structures, State Bridge Engineer. Minor changes in detail of design or construction procedure may be authorized by the Director of Structures, State Bridge Engineer provided such changes will not be cause for contract price adjustment.
 The final surface texture of the bridge deck shall be mechanically transverse grooved per Special Provision 907-501 and Special Provision 907-804 of the specifications. See Misc. Span Details for limits of transverse grooving on bridge deck.
 Bridge concrete shall be Class "AA".
 Railing expansion joint material shall be bituminous fiber type unless otherwise noted.
 No payment will be allowed for excavation incidental to the construction of end bents.
 Bar bending details shall be in accordance with "Manual of Standard Practice for Detailing Reinforced Concrete Structures" (ACI 315m-89).
 Reinforcement order lists and required placing plans shall be furnished in accordance with Section 805 of The Mississippi Standard Specifications. Partial submittals are not acceptable.
 Shop drawings of prestressed beams, including an erection plan, shall be submitted in duplicate to the Director of Structures, State Bridge Engineer for approval prior to the manufacture of beams.
 Concrete surfaces shall receive a Class 2 rubbed or spray finish in accordance with the specifications.
 Reinforcing steel shall be ASTM A615M, Grade 400, unless otherwise noted.
 Work for which no pay item is provided in the proposal will not be paid for directly and compensation therefor will be included in the prices and payments for bid items.

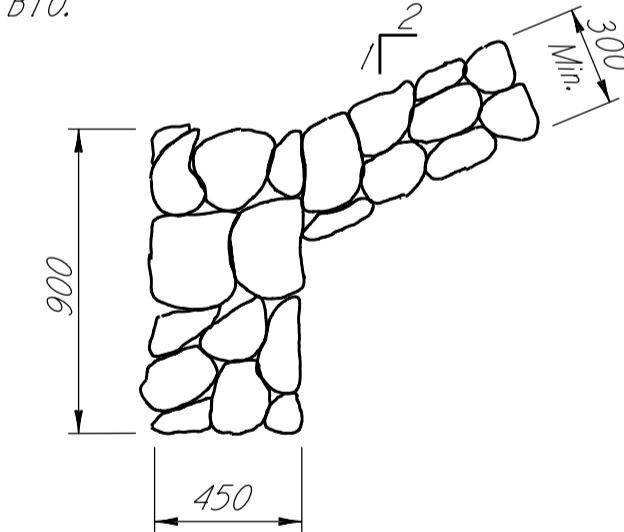
PILE NOTES:
 Test Piles Shall Be Driven As Permanent Piles At The Location And To The Tip Elevation Shown In The TEST PILE SCHEDULE On This Sheet Unless Otherwise Directed By The Bridge Engineer And Will Be Paid For As Test Piles Only.
 In The Event Loading Tests Are Required, The Maximum Test Load Shall Be Two And One-Half (2 1/2) Times The Minimum Pile Bearing Capacity.
 Permanent Piles In All Int. Bents Shall Be Founded At A Tip Elevation No Higher Than The Elevation Shown In The MINIMUM PILE BEARING CAPACITY AND TIP ELEVATION SCHEDULE.
 All Piles Shall Be Prestressed Type Per Details On Sheet No. B18.

PART ELEVATION WITH PROFILE ALONG & APPROACH ROADWAY ARC

Scale 1:200

NOTE: For DRILLED SHAFT NOTES See Sheet No. B2.

NOTE: Geotextile Fabric Is Required Under All Riprap. Additional Geotextile Fabric Shall Be Placed As Directed By The Engineer.



RIPRAP TOE DETAILS

SPECIAL PROVISIONS REQUIRED:
 Diamond Grinding And Grooving No. 907-501
 Deep Foundations No. 907-803
 Concrete Bridges And Structures. No. 907-804
 Geotextile Fabric Under Riprap No. 907-805

DRAINAGE DATA:
 Drainage Area 874 km²
 050 (U.S.G.S.) 61.7 m/s
 Effective Area 886.0 m²

DESIGN DATA
 Specifications A.A.S.H.T.O. 2002
 Loading MS 18
 Roadway Width 13.2 m Gutter To Gutter
 Concrete Class "AA" (30 MPa)

Bent No.	Estimated Length (m)	Estimated Tip Elevation (m)
2	20.8	8.4
3	24.6	4.5
4	25.7	-1.6
5	26.4	-2.6
6	25.0	3.8

Bent	Axial Load (kN)	Moment (kN-m)
2, 3 & 6	4621.2	2246.9
4 & 5	4096.1	2566.2

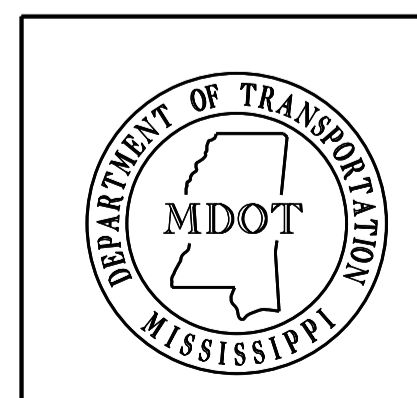
Bent No.	Required Bearing Capacity (kN)	Prestressed Concrete Piling	Estimated Length (m)
1	385	350 x 350	15.0
7	385	350 x 350	16.0

Bent No.	Min. Lgth.-Ft.	Tip Elevation
1	18.0	21.713
7	19.0	16.926

Station	Diameter	Tip Elevation
51+992	1675 mm	6.2

Station	Diameter	Tip Elevation
51+992 Offset	1675 mm	4.6

Item	Transverse Grooving	Conventional Static Pile Load Test	350 mm x 350 mm Prestressed Conc. Piling	PDA Test Pile	Pile Restrike	Drilled Shaft (1675 mm Dia.)	Test Shaft (1675 mm Dia.)	Trial Shaft (1675 mm Dia.)	Exploration	Temporary Casing (1675 mm Dia.)	Bridge Concrete (Class "AA")	30 m Prest. Conc Beams, Type IV	Reinforcement	Concrete Railing (815 mm)	Loose Riprap (Size 136 kg)	Geotextile Fabric Under Riprap
Location	m ²	Each	m	Each	Each	m	Each	m	m	m	m ³	m	kg	m	Metric Ton	m ²
Spans	2160.00										602.07	1077.19	72,552	360.00		
End Bents		1	480.0	2	2						61.03		5643	1.32	231.0	984.0
Int. Bents						290.8	1	25.0	18.0	145.4	358.74		47,103			
Totals	2160.00	1	480.0	2	2	290.8	1	25.0	18.0	145.4	1021.84	1077.19	125,298	361.32	231.0	984.0



MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 BRIDGE AT STA. 51+924.655
 US HWY 49E ACROSS PARKERS BAYOU
 PROJECT STP-0008-04(046)
 102127/301000
 HOLMES COUNTY
 WORKING NUMBER B1 OF 19
 SHEET NUMBER 8037

DESIGNER: Kevin Chamoney
 CHECKER: Paul Dees
 DATE: 9/17/2014
 DIRECTOR OF STRUCTURES, STATE BRIDGE ENGINEER - NICK J. ALTOBELLI PE.
 DEP. DIRECTOR OF STRUCTURES, ASSIST. STATE BRIDGE ENGINEER - JUSTIN WALKER PE.