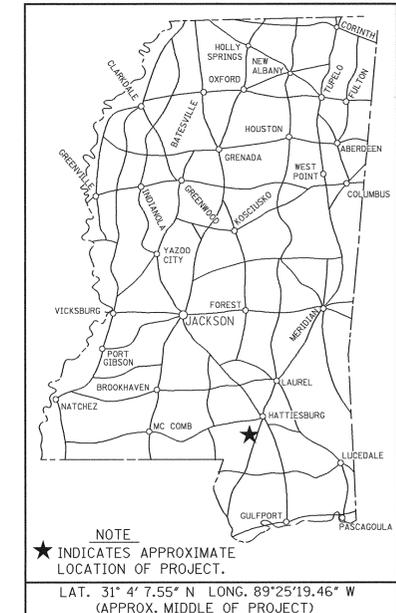


FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR-2171-00(008)	1

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY
FEDERAL AID PROJECT NO. BR-2171-00(008)

US HWY. 11 REPLACE 5 BRIDGES
 BETWEEN LUMBERTON AND PURVIS
LAMAR COUNTY

FMS NO.: 102519/301000 CONSTR.



BRIDGE STRUCTURES REQ'D.

SITE 1

STA. 29+64.05 TO STA. 32+48.05
 7@40' SPANS SKEWED 30° LT. FWD.
 LENGTH ALONG C.L. = 280 FT.
 BRIDGE NO. 49.9

SITE 2

STA. 276+36.21 TO STA. 279+57.79
 8@40' SPANS
 LENGTH ALONG C.L. = 321 FT. 7 IN
 BRIDGE NO. 54.6

SITE 3

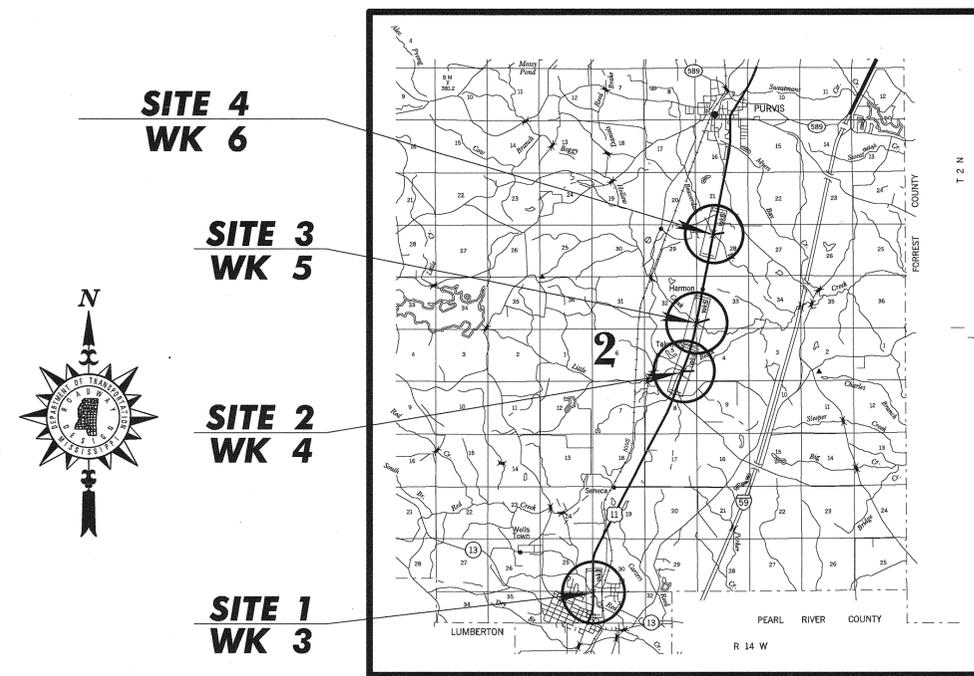
STA. 327+31.21 TO STA. 330+92.79
 9@40' SPANS
 LENGTH ALONG C.L. = 361 FT. 7 IN
 BRIDGE NO. 55.6

SITE 4

STA. 422+39.21 TO STA. 424+40.79
 5@40' SPANS
 LENGTH ALONG C.L. = 201 FT. 7 IN
 BRIDGE NO. 57.4

SCALES

PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 9000 FT.



GPS CONTROL NOTES

COORDINATES DERIVED FROM GPS SURVEY TIED TO:
 NAD' 83*93 MS EAST ZONE

CONTROL STATION	NORTH	EAST
DIXIE	546210.617	868931.894
EDM BASELINE SOUTY AZ MK	634706.044	846692.103
G 160	588697.478	747199.204

VERTICAL DATUM NAVD 88

ALL AZIMUTHS AND DISTANCES ARE
 NAD' 83*93 MS EAST ZONE GRID VALUES US FEET

CONVERSION VALUES	BOP	EOP
GROUND TO GRID FACTOR	0.99998557	0.99997881
GRID TO GROUND CORRECTION	1.00001443	1.00002119
GRID TO GEODETIC AZIMUTH	-00°19'05"	-00°17'52"

DESIGN CONTROL

55 MPH = V (SPEED DESIGN)

ADT (2012) = 5700 ; ADT (2032) = 6900
 DHV = 750 ; D = 50 % T = 5 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	Y	Y
GENERAL*	N	N
INDIVIDUAL (404)*	N	N

* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

STORMWATER PERMIT Y

Y REQUIRED CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA=5 ACRES+ (NTB 6484)
 S REQUIRED SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (NTB 6483)
 N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: JCT DATE: 7/8/11

1/20/2012 9:55 AM TITLE.DGN

CONVENTIONAL SYMBOLS

- COUNTY LINE -----
- TOWN CORPORATION LINE -----
- SECTION LINE -----
- EXISTING ROAD OR TRAVELED WAY -----
- PROPOSED ROAD OR TRAVELED WAY -----
- RAILROAD -----
- SURVEY LINE -----
- BRIDGES -----

EQUATIONS

SITE 1: STA. 32+00.000 BK = STA. 32+04.100 AH
 - 4.1 FT.

LENGTH DATA

	SITE 1 : B.O.C STA. 20+00 TO E.O.C. STA. 42+00	SITE 2 : B.O.C STA. 266+00 TO E.O.C. STA. 290+00	SITE 3 : B.O.C STA. 315+00 TO E.O.C. STA. 340+00	SITE 4 : B.O.C STA. 405+00 TO E.O.P. STA. 435+00	PROJECT TOTALS.
LENGTH OF ROADWAY	1916.00' 0.363 MI.	2078.42' 0.394 MI.	2138.42' 0.405 MI.	2798.42' 0.530 MI.	8,931.26' 1.692 MI.
LENGTH OF BRIDGES	280.00' 0.053 MI.	321.58' 0.061 MI.	361.58' 0.068 MI.	201.58' 0.038 MI.	1,164.74' 0.220 MI.
LENGTH OF PROJECT (NET)	2196.00' 0.416 MI.	2400.00' 0.455 MI.	2500' 0.473 MI.	3000.00' 0.568 MI.	10,096' 1.912 MI.
LENGTH OF EXCEPTIONS	0.000 MI.	0.000 MI.	0.000 MI.	0.000 MI.	0.000 MI.
LENGTH OF PROJECT (GROSS)	2196.00' 0.416 MI.	2400.00' 0.455 MI.	2500' 0.473 MI.	3000.00' 0.568 MI.	10,096' 1.912 MI.

EXCEPTIONS

NONE



APPROVED:	<i>[Signature]</i> 1/30/12 CHIEF ENGINEER
APPROVED:	<i>[Signature]</i> 1/20/12 EXECUTIVE DIRECTOR
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
APPROVED:	DATE
DIVISION ADMINISTRATOR	
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	SPECIAL DESIGN SHEETS (CONT.)		
DETAILED INDEX & GENERAL NOTES (5)			TRAFFIC CONTROL PLAN - SITE 1 (PHASE 1)	TC-1	45
DETAILED INDEX	DI-1	2	TRAFFIC CONTROL PLAN - SITE 1 (PHASE 1)	TC-2	46
DETAILED INDEX	DI-2	3	TRAFFIC CONTROL PLAN - SITE 1 (PHASE 2)	TC-3	47
DETAILED INDEX	DI-3	4	TRAFFIC CONTROL PLAN - SITE 1 (PHASE 2)	TC-4	48
DETAILED INDEX - BRIDGE	DI-4	5	TRAFFIC CONTROL PLAN - SITE 1 (PHASE 2)	TC-5	49
GENERAL NOTES	GN-1	6	TRAFFIC CONTROL PLAN - SITE 1 (PHASE 2)	TC-6	50
TYPICAL SECTION SHEETS (7)			TRAFFIC CONTROL PLAN - SITE 1 (PHASE 3)	TC-7	51
TYPICAL SECTION - HWY. 11 MAIN FACILITY: WIDENING AND OVERLAY, ALL SITES	TS-1	7	TRAFFIC CONTROL PLAN - SITE 1 (PHASE 3)	TC-8	52
TYPICAL SECTION - HWY. 11 MAIN FACILITY, SITES 1, 2, 3, & PART OF 4	TS-2	8	TRAFFIC CONTROL PLAN - SITE 2 (PHASE 1)	TC-9	53
TYPICAL SECTION - HWY. 11 MAIN FACILITY, SITE 4, NEW CONSTRUCTION AND WIDENING & OVERLAY	TS-3	9	TRAFFIC CONTROL PLAN - SITE 2 (PHASE 1)	TC-10	54
TYPICAL SECTION - LOCAL ROADS: NEW CONSTRUCTION AND WIDENING AND OVERLAY	TS-4	10	TRAFFIC CONTROL PLAN - SITE 2 (PHASE 2)	TC-11	55
TYPICAL SECTION - DETOUR ROADS, SITES 1 & 2	TS-5	11	TRAFFIC CONTROL PLAN - SITE 2 (PHASE 2)	TC-12	56
TYPICAL SECTION - DETOUR ROADS, SITES 3 & 4	TS-6	12	TRAFFIC CONTROL PLAN - SITE 2 (PHASE 2)	TC-13	57
TYPICAL SECTION - BRIDGE END PAVEMENT, TIE-IN AREAS, AND MILLING DETAIL	TS-7	13	TRAFFIC CONTROL PLAN - SITE 2 (PHASE 2)	TC-14	58
QUANTITY SHEETS (16) Δ			TRAFFIC CONTROL PLAN - SITE 2 (PHASE 3)	TC-15	59
SUMMARY OF QUANTITIES	SQ-1	14	TRAFFIC CONTROL PLAN - SITE 2 (PHASE 3)	TC-16	60
SUMMARY OF QUANTITIES	SQ-2	15	TRAFFIC CONTROL PLAN - SITE 3 (PHASE 1)	TC-17	61
SUMMARY OF QUANTITIES	SQ-3	16	TRAFFIC CONTROL PLAN - SITE 3 (PHASE 1)	TC-18	62
SUMMARY OF QUANTITIES	SQ-4	17	TRAFFIC CONTROL PLAN - SITE 3 (PHASE 2)	TC-19	63
SUMMARY OF QUANTITIES - BRIDGE	SQ-5	18	TRAFFIC CONTROL PLAN - SITE 3 (PHASE 2)	TC-20	64
ESTIMATED QUANTITIES - REMOVAL ITEMS (PIPES, STRIPE, CURBS, GUARDRAIL, & PAVEMENT)	EQ-1	19	TRAFFIC CONTROL PLAN - SITE 3 (PHASE 2)	TC-21	65
ESTIMATED QUANTITIES - SIDE DRAINS, RAMPS, GUARDRAIL, AND BRIDGE END PAVEMENT	EQ-2	20	TRAFFIC CONTROL PLAN - SITE 3 (PHASE 3)	TC-22	66
ESTIMATED QUANTITIES - CURB & GUTTER AND BOX CULVERTS	EQ-3	21	TRAFFIC CONTROL PLAN - SITE 3 (PHASE 3)	TC-23	67
ESTIMATED QUANTITIES - PIPE CULVERT DRAINAGE STRUCTURES	EQ-4	22	TRAFFIC CONTROL PLAN - SITE 4 (PHASE 1)	TC-24	68
ESTIMATED QUANTITIES - EARTHWORK	EQ-5	23	TRAFFIC CONTROL PLAN - SITE 4 (PHASE 1)	TC-25	69
ESTIMATED QUANTITIES - EROSION CONTROL	EQ-6	24	TRAFFIC CONTROL PLAN - SITE 4 (PHASE 1)	TC-26	70
ESTIMATED QUANTITIES - PAVEMENT MARKINGS & SILT BASINS	EQ-7	25	TRAFFIC CONTROL PLAN - SITE 4 (PHASE 2)	TC-27	71
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS	EQ-8	26	TRAFFIC CONTROL PLAN - SITE 4 (PHASE 2)	TC-28	72
ESTIMATED QUANTITIES - STANDARD GROUND PREPARATION	EQ-9	27	TRAFFIC CONTROL PLAN - SITE 4 (PHASE 2)	TC-29	73
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-10	28	TRAFFIC CONTROL PLAN - SITE 4 (PHASE 3)	TC-30	74
ESTIMATED QUANTITIES - BRIDGE	EQ-11	29	TRAFFIC CONTROL PLAN - SITE 4 (PHASE 3)	TC-31	75
ESTIMATED QUANTITIES - TRAFFIC	SRS-1	29.1 Δ	TRAFFIC CONTROL PLAN - SITE 4 (PHASE 3)	TC-32	76
ESTIMATED QUANTITIES - TRAFFIC	SRS-2	29.2 Δ	TRAFFIC CONTROL PLAN - SITE 4 (PHASE 3)	TC-33	77
PLAN & PROFILE SHEETS (12)			TRAFFIC CONTROL PLAN - SITE 4 (PHASE 3)	TC-34	78
SITE 1 - MAIN FACILITY, HWY. 11 (RED CREEK)	3	30	TRAFFIC CONTROL PLAN - DRUM PLACEMENT & SHOULDER CLOSURE	TCP-SC	79
SITE 1 - DETOUR RD.	3A	31	SPECIAL DESIGN PAVEMENT DETAILS FOR 2-LANE & 4-LANE DIVIDED HIGHWAYS	SDPM-1	80
SITE 1 - LOCAL RD., KING AVE. @ STA. 37+75 RT.	3B	32	PAVEMENT MARKING DETAILS - SITE 1	PMD-1	81
SITE 2 - MAIN FACILITY, HWY. 11 (LITTLE BLACK CREEK)	4	33	PAVEMENT MARKING DETAILS - SITE 1	PMD-2	82
SITE 2 - DETOUR RD.	4A	34	PAVEMENT MARKING DETAILS - SITE 2	PMD-3	83
SITE 2 - LOCAL RD., TALOWAH RD. @ STA. 281+00 LT.	4B	35	PAVEMENT MARKING DETAILS - SITE 3	PMD-4	84
SITE 3 - MAIN FACILITY, HWY. 11 (BOGGY HOLOW)	5	36	PAVEMENT MARKING DETAILS - SITE 4	PMD-5	85
SITE 3 - DETOUR RD.	5A	37	PAVEMENT MARKING DETAILS - SITE 4	PMD-6	86
SITE 4 - MAIN FACILITY, HWY. 11 (BEAVERDAM BRANCH)	6	38	PAVEMENT MARKING DETAILS - SITE 4	PMD-7	87
SITE 4 - DETOUR RD.	6A	39	2-WAY RAISED PAVEMENT MARKERS @ LOCAL RD (2-LANE)	CRPMSR-2	88
SITE 4 - LOCAL RD. PINECREST RD. @ STA. 419+50 LT.	6B	40	RUMBLE STRIPES (GROUND-IN) 2-LANE NEW CONSTRUCTION	RS-2L	89
SITE 4 - LOCAL RD. STA. 429+71 RT.	6C	41	RUMBLE STRIPES (GROUND-IN) 2-LANE WIDENING & OVERLAY	RS-2La	90
SPECIAL DESIGN SHEETS - ROADWAY SHEETS (120) Δ					
DETAIL OF CONSTRUCTION SIGNING - SITE 1	DCS-1	42			
DETAIL OF CONSTRUCTION SIGNING - SITES 2, 3, & 4	DCS-2	43			
SPEED SIGN DETAIL	R16-3	44			

ROADWAY DESIGN PLAN C.A.D.D. SECTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

C. BRELAND

PS & E PLANS-DATE 4/12/2012 Δ		
FMS CON. # 102519/301000		
REVISIONS		
DATE	SHEET NO.	BY
5/3/12	2-4, 17, 29.1, 29.2, 100.56-100.61	CLB
8/16/12	14-17	CLB

MISSISSIPPI DEPARTMENT OF TRANSPORTATION													
DETAILED INDEX													
PROJECT NO. BR-2171-00(008) COUNTY : LAMAR													
<table border="1"> <tr> <th>DATE</th> <th>ADDED SHEETS & REVISED DATE</th> <th>REVISION</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	DATE	ADDED SHEETS & REVISED DATE	REVISION	BY					<table border="1"> <tr> <td>WORKING NUMBER</td> <td>DI-1</td> </tr> <tr> <td>SHEET NUMBER</td> <td>2</td> </tr> </table>	WORKING NUMBER	DI-1	SHEET NUMBER	2
DATE	ADDED SHEETS & REVISED DATE	REVISION	BY										
WORKING NUMBER	DI-1												
SHEET NUMBER	2												
FILENAME: DI.DGN													
DESIGN TEAM BRELAND CHECKED DATE													

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

SPECIAL DESIGN SHEETS (CONT.)

INTERSECTION DETAIL - SITE 1, HWY. 11 & KING AVE. ID-1 91
 INTERSECTION DETAIL - SITE 2, HWY. 11 & TALOWAH RD. ID-2 92
 INTERSECTION DETAIL - SITE 4, HWY. 11 & PINE CREST RD. ID-3 93
 INTERSECTION DETAIL - SITE 4, HWY. 11 & BEAVER DAM RD. ID-4 94

MISCELLANEOUS DETAIL SHEET - PAVED ISLANDS, DRIVES AND CURB & GUTTERS MD-1 95
 MISCELLANEOUS DETAIL SHEET - BRIDGE END SLAB PAVEMENT TRANSITIONS MD-2 96

GUARDRAIL (TEMPORARY): TYPICAL INSTALLATION AT DETOUR BRIDGE ENDS TGR-1 97
 GUARDRAIL: 33.5" BRIDGE END PAVEMENT RAIL BE-PR-1B 98
 BRIDGE END PAVEMENT FOR SITE 1 BEP-1 99
 GUARDRAIL: BRIDGE END PAVEMENT WITH RAIL & OVERLAY BE-1C 100
 GUARDRAIL: BRIDGE END SECTION TYPE "1" (WOOD POSTS) GR-2F 100.01
 GUARDRAIL: BRIDGE END SECTION, TYPE "1" (STEEL POSTS) GR-2G 100.02
 GUARDRAIL: RUB RAIL HARDWARE SHEET GR-RR 100.03

VEGETATION SCHEDULE VS-1 100.04

DETAILS OF TYPICAL DITCH TREATMENTS DT-1 100.05
 TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE "A" SILT BASIN) TEC-2 100.06

PRELIMINARY EROSION CONTROL PLANS - SITE 1, MAINLINE ECP-3 100.07
 PRELIMINARY EROSION CONTROL PLANS - SITE 1, DETOUR RD. ECP-3A 100.08
 PRELIMINARY EROSION CONTROL PLANS - SITE 1, LOCAL RD., KING AVE. ECP-3B 100.09
 PRELIMINARY EROSION CONTROL PLANS - SITE 2, MAINLINE ECP-4 100.10
 PRELIMINARY EROSION CONTROL PLANS - SITE 2, DETOUR RD. ECP-4A 100.11
 PRELIMINARY EROSION CONTROL PLANS - SITE 2, LOCAL RD., TALOWAH RD.. ECP-4B 100.12
 PRELIMINARY EROSION CONTROL PLANS - SITE 3, MAINLINE ECP-5 100.13
 PRELIMINARY EROSION CONTROL PLANS - SITE 3, DETOUR RD. ECP-5A 100.14
 PRELIMINARY EROSION CONTROL PLANS - SITE 4, MAINLINE ECP-6 100.15
 PRELIMINARY EROSION CONTROL PLANS - SITE 4, DETOUR RD. ECP-6A 100.16
 PRELIMINARY EROSION CONTROL PLANS - SITE 4, LOCAL RD., PINE CREST RD. ECP-6B 100.17
 PRELIMINARY EROSION CONTROL PLANS - SITE 4, LOCAL RD., BEAVER DAM RD. ECP-6C 100.18
 PRELIMINARY EROSION CONTROL PLANS - BRIDGE, SITE 1 RED CREEK ECP 7 100.19
 PRELIMINARY EROSION CONTROL PLANS - BRIDGE, SITE 1 RED CREEK ECP 8 100.20
 PRELIMINARY EROSION CONTROL PLANS - BRIDGE, SITE 2 LITTLE BLACK CREEK ECP 9 100.21
 PRELIMINARY EROSION CONTROL PLANS - BRIDGE, SITE 2 LITTLE BLACK CREEK ECP 10 100.22
 PRELIMINARY EROSION CONTROL PLANS - BRIDGE, SITE 3 BOGGY HOLLOW CREEK ECP 11 100.23
 PRELIMINARY EROSION CONTROL PLANS - BRIDGE, SITE 3 BOGGY HOLLOW CREEK ECP 12 100.24
 PRELIMINARY EROSION CONTROL PLANS - BRIDGE, SITE 4 BEAVER DAM CREEK ECP 13 100.25
 PRELIMINARY EROSION CONTROL PLANS - BRIDGE, SITE 4 BEAVER DAM CREEK ECP 14 100.26

TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS ECD-1 100.27
 DETAILS OF SEDIMENT BARRIER APPLICATIONS ECD-2 100.28
 DETAILS OF SILT FENCE INSTALLATION ECD-3 100.29
 DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS ECD-4 100.30

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS ECD-5 100.31
 DETAILS OF EROSION CONTROL WATTLE DITCH CHECKS ECD-6 100.32
 DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK ECD-7 100.33

ROCK DITCH CHECK ECD-8 100.34
 ROCK DITCH CHECK WITH SUMP EXCAVATION ECD-9 100.35
 INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS ECD-10 100.36
 INLET PROTECTION DETAILS FOR COURSE AGGREGATE ON GRADES & SAGS ECD-11 100.37
 INLET PROTECTION DETAILS OF WATTLES ECD-12 100.38
 INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE ECD-13 100.39
 INLET PROTECTION DETAILS OF SAND BAG ECD-14 100.40
 STABILIZED CONSTRUCTION ENTRANCE ECD-15 100.41
 TEMPORARY CULVERT STREAM CROSSING ECD-16 100.42
 TEMPORARY STREAM DIVERSION ECD-17 100.43
 TEMPORARY STREAM DIVERSION (BOX EXTENSIONS) ECD-18 100.44
 FLOATING TURBIDITY CURTAIN ECD-19 100.45
 DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK ECD-20 100.46

BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS SD-IBJL-1 100.47
 BASIC CULVERT DRAWING DOUBLE CELL (HEIGHT 5 FT; TOTAL SPAN 10-28 FT) SD-IBD-5-2W 100.48
 WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL SD-IWD-3 100.49
 COLLAR DETAILS FOR BOX STRUCTURES (SINGLE, DOUBLE, TRIPLE & QUADRUPLE) SD-ICJ-1 100.50

SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V=LESS THAN OR EQUAL TO 40 MPH) SDSE-1 100.51
 SUPERELEVATION CASE 1 ROTATION ABOUT CENTERLINE (2% NORMAL UPGRADE) SDSE-2A 100.52
 SUPERELEVATION RUNOFF CASEL ROTATION ABOUT CENTERLINE SDR0-1 100.53

RIGHT-OF-WAY MARKER DETAILS RW-1 100.54
 RIGHT-OF-WAY MARKERS RW-2 100.55

PERMANENT SIGNING PLAN, SITE 1 PSP-1 100.56 Δ
 PERMANENT SIGNING PLAN, SITE 2 PSP-2 100.57 Δ
 PERMANENT SIGNING PLAN, SITE 3 PSP-3 100.58 Δ
 PERMANENT SIGNING PLAN, SITE 4 PSP-4 100.59 Δ
 PERMANENT SIGNING DETAIL PSD-1 100.60 Δ
 PERMANENT SIGNING DETAIL PSD-2 100.61 Δ

ROADWAY DESIGN DIVISION C.A.D.D. SECTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		122	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILED INDEX			
PROJECT NO. BR-2171-00(008) COUNTY : LAMAR			
DATE		FILENAME: DI.DGN	
ADDED SHEETS		WORKING NUMBER	
REVISION		DI-2	
BY		SHEET NUMBER	
CLB		3	
DATE		DESIGN TEAM BRELAND CHECKED DATE	



DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
STANDARD DRAWINGS- ROADWAY SHEETS (39)				STANDARD DRAWINGS- BRIDGE SHEETS (6)		
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12-01-99	PM-1	120	SKewed CULVERTS GROUP I DIAGRAMS	IBJL-1	366.1
EROSION CONTROL		EC-1	140	SKewed COLLAR DETAILS FOR BOX STRUCTURES	ICJS-1	368
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)		TEC-1	142	BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 6 FT. - SPANS - 6-20 FT.	IBS-6-2W	370.1
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)		TEC-3	144	BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 6 FT. - SPANS - 6-20 FT.	IBS-6-2W	370.2
GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	12-01-99	GR-4A	195	BOX CULVERT DRAWING - 15 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS	ISK-15-3W	397.1
GUARD RAIL: MISCELLANEOUS HARDWARE	03-01-02	GR-HW	202	BOX CULVERT DRAWING - 15 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS	ISK-15-3W	397.2
ROUTE SHIELDS AND "EXIT ONLY" PANELS		SN-2	221			
STANDARD ROADSIDE SIGNS		SN-3	222			
STANDARD ROADSIDE SIGNS		SN-3A	223			
STANDARD ROADSIDE SIGNS	03-01-02	SN-3B	224			
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4	225			
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4A	226			
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4B	227			
TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS		SN-5	228			
BREAK-AWAY SIGN SUPPORTS		SN-6	229			
BREAK-AWAY SIGN SUPPORTS		SN-6A	230			
BREAK-AWAY SIGN SUPPORTS		SN-6B	231			
SIGN FACE CONSTRUCTION & ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL BEAMS (EXTRUDED ALUMINUM PANELS)	03-01-02	SN-7	232			
TYPICAL INSTALL. & DETAILS OF DELINEATORS & DISTANCE REFERENCE SIGNS	03-01-02	SN-8	233			
TYPICAL GUARDRAIL DELINEATION	03-01-02	SN-8C	236			
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE LANE CLOSURE OF TWO-WAY TRAFFIC)		TCP-1	250			
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS		TCP-8	257			
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP-10	259			
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS & 2-LANE ROADS	12-01-99	TCP-11	260			
TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS		TCP-14	263			
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE & 4-LANE DIVIDED HWYS.	12-01-99	TCP-15	264			
RURAL DRIVEWAYS		RD-1	271			
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS		GT-1	272			
SIGHT FLARES	12-01-99	SF-1	273			
SPUR DIKE: EARTH	12-01-99	ED-1	274			
DRIVEWAYS, CURB & GUTTER & SIDEWALK		SD-1	287			
MISCELLANEOUS DETAIL SHEET		MDS-1	290			
DETAILS OF PAVED FLUMES		PF-1	291			
PIPE CULVERT INSTALLATION		PI-1	300			
SMALL ANIMAL GUARD AND UNDERDRAIN MARKER	03-01-02	SAG-1	327			
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328			
FLARED END SECTION FOR CONCRETE ARCH PIPE		FE-1A	329			
DETAILS OF NORMAL UNDERDRAIN AND STORM DRAIN USED AS UNDERDRAIN		UD-1	331			
NORMAL UNDERDRAIN TYPE II		UD-2	332			

ROADWAY DESIGN DIVISION C.A.D.D. SECTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		122	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILED INDEX			
PROJECT NO. BR-2171-00(008) COUNTY : LAMAR			
FILENAME: DI.DGN		WORKING NUMBER DI-3	
DESIGN TEAM BRELAND		CHECKED DATE	
		SHEET NUMBER 4	

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 29+64.05 US 11 ACROSS RED CREEK (LAYOUT SHEET)	A1 of 14	466
BRIDGE AT STA. 29+64.05 US 11 ACROSS RED CREEK (FOUNDATION PLAN)	A2 of 14	467
GENERALIZED SOIL PROFILE	A3 of 14	468
END BENT NO. 1 & 8 DETAILS	A4 of 14	469
END BENT DETAILS	A5 of 14	470
INT. BENTS NO. 2 - 6 DETAILS	A6 of 14	471
INT. BENT NO. 7 DETAILS	A7 of 14	472
40 FT. SPAN DETAILS	A8 of 14	473
PLAN OF 40 FT. SPAN DETAILS	A9 of 14	474
PLAN OF 40 FT. SPAN DETAILS	A10 of 14	475
MISCELLANEOUS SPAN DETAILS	A11 of 14	476
RAILING DETAILS	A12 of 14	477
40 FT. BEAM DETAILS (END & INT. SPAN)	A13 of 14	478
PRESTRESSED CONCRETE PILE DETAILS	A14 of 14	479

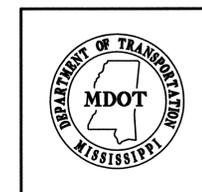
DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 327+31.21 US 11 ACROSS BOGGY HOLLOW (LAYOUT SHEET)	C1 of 10	494
BRIDGE AT STA. 327+31.21 US 11 ACROSS BOGGY HOLLOW (FOUNDATION PLAN)	C2 of 10	495
GENERALIZED SOIL PROFILE	C3 of 10	496
END BENT NO. 1 DETAILS	C4 of 10	497
END BENT NO. 10 DETAILS	C5 of 10	498
INT. BENTS NO. 2, 4 & 8 DETAILS	C6 of 10	499
INT. BENTS NO. 3, 5, 7 & 9 DETAILS	C7 of 10	500
INT. BENT NO. 6 DETAILS	C8 of 10	501
PLAN OF 40 FT. SPAN	C9 of 10	502
PLAN OF 40 FT. SPAN	C10 of 10	503
BRIDGE AT STA. 422+39.21 US 11 ACROSS BEAVERDAM CREEK (LAYOUT SHEET)	D1 of 7	504
BRIDGE AT STA. 422+39.21 US 11 ACROSS BEAVERDAM CREEK (FOUNDATION PLAN)	D2 of 7	505
GENERALIZED SOIL PROFILE	D3 of 7	506
END BENT NO. 1 DETAILS	D4 of 7	507
END BENT NO. 5 DETAILS	D5 of 7	508
INT. BENTS NO. 2 & 5 DETAILS	D6 of 7	509
INT. BENTS NO. 3 & 4 DETAILS	D7 of 7	510

BRIDGE AT STA. 276+36.21 US 11 ACROSS LITTLE BLACK CREEK (LAYOUT SHEET)	B1 of 14	480
BRIDGE AT STA. 276+36.21 US 11 ACROSS LITTLE BLACK CREEK (FOUNDATION PLAN)	B2 of 14	481
GENERALIZED SOIL PROFILE	B3 of 14	482
END BENT NO. 1 DETAILS	B4 of 14	483
END BENT NO. 9 DETAILS	B5 of 14	484
END BENT DETAILS	B6 of 14	485
INT. BENTS NO. 2, 4, 6 & 8 DETAILS	B7 of 14	486
INT. BENTS NO. 3 & 7 DETAILS	B8 of 14	487
INT. BENT NO. 5 DETAILS	B9 of 14	488
40 FT. SPAN DETAILS	B10 of 14	489
PLAN OF 40 FT. SPAN	B11 of 14	490
PLAN OF 40 FT. SPAN	B12 of 14	491
40 FT. BEAM DETAILS (END SPAN)	B13 of 14	492
40 FT. BEAM DETAILS (INT. SPAN)	B14 of 14	493

DESCRIPTION OF SHEETS DETOUR BRIDGE - BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
DETOUR BRIDGE AT STA. 10+95.00	DBA of 1	511
DETOUR BRIDGE AT STA. 18+03.00	DBB of 1	512
DETOUR BRIDGE AT STA. 27+44.00	DBC of 1	513
DETOUR BRIDGE AT STA. 22+53.00	DBD of 1	514

DESCRIPTION OF SHEETS INFORMATION PLANS - BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 30+29	1 of 7	515
BRIDGE AT STA. 277+00	3 of 7	516
BRIDGE AT STA. 327+90	4 of 7	517
BRIDGE AT STA. 422+55	6 of 7	518

BRIDGE DIVISION REVISIONS		
DATE	SHEET NO.	BY



MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX (BRIDGE)		PROJECT 102519/301000 BR-2171-00(008)	
		LAMAR COUNTY	
WORKING NUMBER DI-4		SHEET NUMBER 5	
DESIGNED	BJJ	DETAILED	BJJ
CHECKED	PTD	ISSUED	BKC
TRACED		CADD	
DATE 12-21-11			

GENERAL NOTES

1. FOR LIST OF PUBLIC UTILITIES, SEE WORKING SHEETS 3,4,5 & 6.
2. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
3. 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.
4. 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN PURPOSES ONLY.
5. ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
6. 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
7. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC. SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
8. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
9. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS, APRONS, BRIDGES, ETC. FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. EXTREME CARE SHALL BE EXERCISED IN UNDERCUT AREAS AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS, AS DIRECTED BY THE ENGINEER. 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.
10. SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS, BEYOND THE B.O.P. AND E.O.P. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
11. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
12. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT AND STRAIGHTNESS.
13. ALL PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC, 24" WIDTH. ALL PICKUP HOLES ARE TO BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC TO THE SATISFACTION OF THE ENGINEER (NOT A SEPARATE PAY ITEM).
14. REMOVAL OF RAISED PAVEMENT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
15. WHERE MILLING OF THE ROADWAY LANES IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE.(ABSORBED ITEM)
16. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
17. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).

GENERAL NOTES (CONT.)

18. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE 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 @ THE PRECONSTRUCTION CONFERENCE OR PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION.
19. THE TOP THREE FEET AND VARIABLE OF THE DESIGN SOILS (BOTH NATURAL AND EMBANKMENT) SHALL BE CONSTRUCTED OF SOIL CLASSIFIED AS B7-6 OR BETTER, PER AASHTO DESIGNATION: M 145-91, FOR ADDITIONAL DETAILS THE CONTRACTOR IS REFERRED TO THE NOTICE TO BIDDERS ON DESIGN SOIL MATERIAL IN THE CONTRACT PROPOSAL DOCUMENT.
20. 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.
21. THE COST OF ANY COLLARS REQUIRED TO CONNECT CONCRETE FLARED END SECTIONS TO NON-CONCRETE PIPE SECTION SHALL BE ABSORBED IN THE COST FOR NON-CONCRETE PIPE.
22. SMALL AMOUNTS OF EXCAVATION MAY BE NECESSARY AT SOME OF THE SITES. THIS MATERIAL MAY BE USED AS E.S.F.E. MATERIAL AND WILL BE PAID FOR BORROW. NO E.S.F.E. SHALL BE REMOVED FROM THE PROJECT WITHOUT THE APPROVAL OF THE ENGINEER.
23. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATER
24. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING BRACING, SHORING, OR ANY GROUND SUPPORT SYSTEM THAT IS DEEM NECESSARY TO PREVENT A FAILURE FROM OCCURRING DURING EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURE INCLUDING THE MATERIALS AND LABOR, FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDE IN THE PRICE BID FOR CONTRACT ITEMS.
25. WIRE FENCE WILL BE REQUIRED FOR ALL SILT FENCE (SEE WK. NO. TEC-1)
26. 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)
27. BOX CULVERT QUANTITIES FOR THE BOX AT STA. 413+95 SHALL BE SEPARATED OUT AND PAID FOR UNDER PROJECT NO.
28. THE CLEARING LIMITS ADJACENT TO THE STREAM(S) AT STATION(S) 32+00, 276+00, 329+00, AND 423+00 WILL BE LIMITED TO NO FURTHER THAN TEN (10) FEET OUTSIDE THE CONSTRUCTION LIMITS WHEN ANY CLOSER TO THE STREAM THAN FIFTY (50) FEET FROM THE TOP OF THE BANKS.

1/23/2012 7:47 AM GNL.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION		GENERAL NOTES	
DATE		PROJECT NO.: BR-2171-00(008)	
DESIGN TEAM		COUNTY: LAMAR	
BRELAND		WORKING NUMBER	
CHECKED		GN-1	
DATE		SHEET NUMBER	
		6	

