1 st O. REV.

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR-2175-00(003)	1

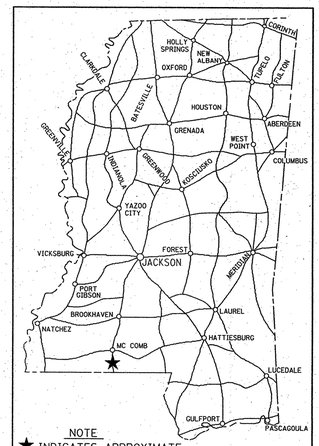
STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY STATE PROJECT NO. BR-2175-00(003)

BRIDGE REPLACEMENT ON U.S. HWY 51 BETWEEN LOUISIANA STATE LINE & MAGNOLIA PIKE COUNTY

100879/301000 CONST.



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 31° 04' N LONG. 90°20' W
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

100 km/h = V (SPEED DESIGN)

ADT (2005) = 1300 : ADT (2025) = 1600

DHV = 190 : D = 50 % T= 22 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	Y	N
NATIONWIDE (OTHER)*	N	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+)

S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: JCT DATE: 12/8/09

BRIDGE STRUCTURES REQ'D.

(A) HYDRAULIC BRIDGE REQ'D AT SITE 2
BRIDGE NO. 8.1
STA. 12+031.657
2@15 m, 1@32 m, 2@18m SPANS
LENGTH = 98.686 m

(B) HYDRAULIC BRIDGE REQ'D AT SITE 2
BRIDGE NO. 8.3
STA. 12+445.657
1@15 m, 2@18 m, 1@15m SPANS
LENGTH = 66.686 m

(C) HYDRAULIC BRIDGE REQ'D AT SITE 4
BRIDGE NO. 10.3
STA. 15+566.657
1@15 m, 2@18 m, 1@15m SPANS
LENGTH = 66.686 m

BOX BRIDGES REQ'D.

(D) BOX BRIDGE REQ'D AT SITE 1
STA. 10+592
DOUBLE 3000 mm x 1800 mm
SKEW 15° RT. FWD.

BOX CULVERTS REQ'D.

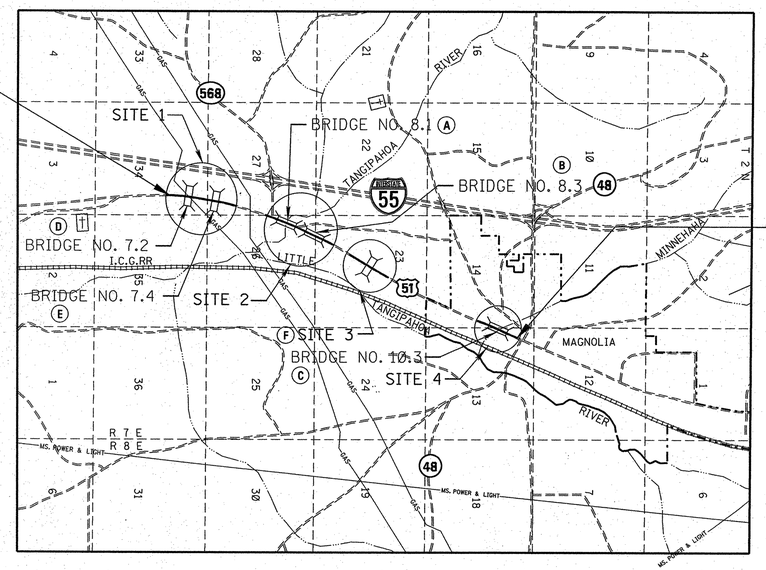
(E) BOX CULVERT REQ'D AT SITE 1
STA. 10+807
2400 mm x 2400 mm

(F) BOX CULVERT REQ'D AT SITE 3
STA. 13+426
2400 mm x 1800 mm

RATIOS / SCALES

PLAN		1:1000
PROFILE	HOR.	1:1000
	VERT.	1:100
LAYOUT		1:40,000

B.O.P.
10+375.938



E.O.P.
15+718.5203

CONVENTIONAL SYMBOLS

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

EQUATIONS

NONE

EXCEPTIONS

STA. 11+040.955 TO STA. 11+700.000 = 659.045 m
STA. 12+850.000 TO STA. 13+150.031 = 300.031 m
STA. 13+650.000 TO STA. 15+400.000 = 1750.000 m

2709.0760 m

LENGTH DATA

LENGTH OF ROADWAY	2401.4483 m
LENGTH OF BRIDGES	232.0580 m
LENGTH OF PROJECT (NET)	2633.5063 m
LENGTH OF EXCEPTIONS	2709.0760 m
LENGTH OF PROJECT (GROSS)	5342.5823 m

DEPARTMENT OF TRANSPORTATION MISSISSIPPI METRIC 101

DATE	REVISED SHEET REVISIONS	BY
02/22/10		RWM

APPROVED:
CHIEF ENGINEER 12/10/09 DATE
EXECUTIVE DIRECTOR 12/10/09 DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

ROADWAY DESIGN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
LAYOUT SHEET

1 st O. REV.

STATE	PROJECT NO.
MISS.	BR-2175-00(003)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (4)		
DETAILED INDEX	DI-1	2
DETAILED INDEX	DI-2	3
DETAILED INDEX - (BRIDGE)	DIB-1	4
GENERAL NOTES	GN-1	5
TYPICAL SECTION SHEETS (11)		
TYPICAL SECTIONS - HWY 51, MAINLINE, SITE 1	TS-1	6
TYPICAL SECTIONS - HWY 51, MAINLINE, SITE 2	TS-2	7
TYPICAL SECTIONS - HWY 51, MAINLINE, SITE 2	TS-3	8
TYPICAL SECTIONS - CHANNELIZED INTERSECTION, HWY 568	TS-4	9
TYPICAL SECTIONS - CHANNELIZED ISLAND DETAILS	TS-5	10
TYPICAL SECTIONS - HWY 51, MAINLINE, SITE 4	TS-6	11
TYPICAL SECTIONS - HWY 51, MAINLINE, SITE 4	TS-7	12
TYPICAL SECTIONS - HWY 51, MAINLINE, SITE 4	TS-8	13
TYPICAL SECTIONS - CONSTRUCTION & REMOVAL OF DETOUR RD., SITE 1	TS-9	14
TYPICAL SECTIONS - CONSTRUCTION AND REMOVAL OF DETOUR RD., SITES 2 & 3	TS-10	15
TYPICAL SECTIONS - MISCELLANEOUS DETAILS	TS-11	16
QUANTITY SHEETS (11)		
SUMMARY OF QUANTITIES	SQ-1	17
SUMMARY OF QUANTITIES	SQ-2	18
SUMMARY OF QUANTITIES	SQ-3	19
SUMMARY OF QUANTITIES - (BRIDGE)	SQB-1	20
ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-1	21
ESTIMATED QUANTITIES - BOX CULVERT, BOX BRIDGE, CURB & GUTTER ITEMS	EQ-2	22
ESTIMATED QUANTITIES - PAVEMENT MARKINGS & EROSION CONTROL ITEMS	EQ-3	23
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-4	24
ESTIMATED QUANTITIES - EARTHWORK, BRIDGE END PAVEMENT, & GUARD RAIL	EQ-5	25
ESTIMATED QUANTITIES - (BRIDGE)	EQB-1	26
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	EQ-7	27
PLAN & PROFILE SHEETS (11)		
MAIN FACILITY (SITE 1) - STA. 10+375.938 TO STA. 11+040.955	3	28
DETOUR RD. (SITE 1) - STA.0+423.880 TO STA. 0+994.942	3A	29
MAIN FACILITY (SITE 2) - STA.11+700 TO STA. 12+300	4	30
DETOUR RD. (SITE 2) - STA. 0+792.083 TO STA. 1+300	4A	31
HWY 568 (SITE 2) - STA. 9+881.269 TO STA. 10+000	4B	32
MAIN FACILITY (SITE 2) - STA. 12+300 TO STA. 12+850	5	33
DETOUR RD. (SITE 2) - STA 1+300 TO STA. 1+809.757	5A	34
LOCAL ROAD (SITE 2, NEAR STA. 12+385 HWY 51) - STA.9+910.000 TO STA. 10+000	5B	35
MAIN FACILITY (SITE 3) - STA. 13+150.031 TO STA. 13+650.000	6	36
DETOUR RD. (SITE 3) - STA. 0+286.098 TO STA. 0+565.349	6A	37
MAIN FACILITY (SITE 4) - STA. 15+425 TO STA. 15+675.000	7	38
SPECIAL DESIGN SHEETS (73)		
VEGETATION SCHEDULE	VS-1	39
BOX CULVERT BENDING DETAIL	BCB-1	40
GUARDRAIL DETAIL (SITE 4)	GRD-1	41
GUARDRAIL DETAIL (SITE 4)	GRD-2	42
GUARDRAIL DETAIL (SITE 4)	GRD-3	43
GUARDRAIL DETAIL (SITE 4)	GRD-4	44
GUARD POST INSTALLATION ON BRIDGE CURB	GRPST-1	45
INTERSECTION DETAIL - HWY 568 @ HWY 51	ID-1	46
INTERSECTION DETAIL - LOCAL RD. @ STA. 12+385 HWY 51	ID-2	47
PAVEMENT MARKING DETAILS - HWY 568 SITE 2	PMD-1	48
PAVEMENT MARKING DETAILS - HWY 568 SITE 2	PMD-2	49
PAVEMENT MARKING DETAILS - LOCAL RD. @ STA. 12+385 SITE 2	PMD-3	50
FORM GRADES - HWY 568 @ HWY 51	FG-1	51
DETAIL OF CONSTRUCTION SIGNING (SITE 1)	DCS-1	52
DETAIL OF CONSTRUCTION SIGNING (SITE 2)	DCS-2	53
DETAIL OF CONSTRUCTION SIGNING (SITE 2, CONT.)	DCS-3	54
DETAIL OF CONSTRUCTION SIGNING (SITE 3)	DCS-4	55
TRAFFIC CONTROL PLAN (SITE 1)	TCP-1	56
TRAFFIC CONTROL PLAN (SITE 2) (PHASES 1 & 3)	TCP-2	57
TRAFFIC CONTROL PLAN (SITE 2) (PHASE 2)	TCP-3	58

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS (CONT.)		
TRAFFIC CONTROL PLAN (SITE 3) (PHASES 1 & 2)	TCP-4	59
TRAFFIC CONTROL PLAN (SITE 3) (PHASE 3)	TCP-5	60
TRAFFIC CONTROL PLAN (SITE 4)	TCP-6	61
TRAFFIC CONTROL PLAN (SITE 4) (DETOUR SIGNAGE @ MS 48/ I-55 INTERCHANGE)	TCP-7	62
TRAFFIC CONTROL PLAN (SITE 4) (DETOUR SIGNAGE @ MS 568/ I-55 INTERCHANGE)	TCP-8	63
TRAFFIC CONTROL DETAILS - DRUM PLACEMENT AND SHOULDER CLOSURE	TCD-1	64
TRAFFIC CONTROL DETAILS - LOLCATION OF R16-3 SIGNS	TCD-2	65
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN)	TEC-D	66
DITCH TREATMENT: INSTALLATION DETAIL FOR SOIL REINFORCING MAT	DT-1A	67
SPECIAL DESIGN: RUMBLE STRIPES (GROUND-IN) 2 LANE	RS-2L	68 △1
RIGHT OF WAY MARKER	RW-1	69
RIGHT OF WAY MARKER COORDINATES	RW-2	70
GUARD RAIL : (TEMPORARY): TYPICAL INSTALLATION AT DETOUR BRIDGE ENDS	TGR-1	71
DETAIL OF TREE PROTECTION	DTP-1	72
PERMANENT SIGN PLANS - STANDARD ROADSIDE SIGN ASSEMBLIES	SRS-1	73
PERMANENT SIGN PLANS - STANDARD ROADSIDE SIGN	SRS-2	74
PERMANENT SIGN PLANS - DIRECTIONAL SIGN QUANTITIES	DSQ-1	75
PERMANENT SIGN PLANS - DELINEATORS AND OBJECT MARKERS	DQ-1	76
PERMANENT SIGN PLANS - PERMANENT SIGN DETAILS	PSD-1	77
PERMANENT SIGN PLANS - PERMANENT SIGN DETAILS	PSD-2	78
PERMANENT SIGN PLANS - PERMANENT SIGN DETAILS	PSD-3	79
PERMANENT SIGN PLANS - BRIDGE NUMBERS 7.20 AND 7.40	PSP-1	80
PERMANENT SIGN PLANS - BRIDGE NUMBERS 8.10	PSP-2	81
PERMANENT SIGN PLANS - BRIDGE NUMBERS 8.30	PSP-3	82
PERMANENT SIGN PLANS - BRIDGE NUMBERS 12.10	PSP-4	83
PERMANENT SIGN PLANS - BRIDGE NUMBERS 10.30	PSP-5	84
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE "A" SILT BASIN)	TEC-2	85 △1
DETAILS OF DITCH TREATMENT	DT-1	86 △1
TYPICAL TEMPORARY EROSION SEDIMENT CONTROL APPLICATIONS	ECD-1	87 △1
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	88 △1
DETAILS OF SILT FENCE INSTALLATION	ECD-3	89 △1
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	90 △1
TEMPORARY EROSION, SILT FENCE AND HAY BALE DITCH CHECKS	ECD-5	91 △1
DETAILS OF EROSION CONTROL WATTLE DITCH CHECKS	ECD-6	92 △1
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	93 △1
ROCK DITCH CHECK	ECD-8	94 △1
ROCK DITCH CHECK WITH SUMP EXCAVATION	ECD-9	95 △1
INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS	ECD-10	96 △1
INLET PROTECTION DETAILS FOR COURSE AGGREGATE ON GRADES & SAGS	ECD-11	97 △1
INLET PROTECTION DETAILS OF WATTLES	ECD-12	98 △1
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-13	99 △1
INLET PROTECTION DETAILS OF SAND BAG	ECD-14	100 △1
STABILIZED CONSTRUCTION ENTRANCE	ECD-15	100.01 △1
TEMPORARY CULVERT STREAM CROSSING	ECD-16	100.02 △1
TEMPORARY STREAM DIVERSION	ECD-17	100.03 △1
TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-18	100.04 △1

MOREA/ROBERTS

PS & E PLANS-DATE 12/14/2009		
FMS CON. # 100879/ 30 1000		
REVISIONS		
DATE	SHEET NO.	BY
02/22/10	1-3,9,12,15,17-19,22-	BJR
	-25,27-39,48,50,52-	
	63,68 & 85-100.17	

101

DATE	REVISION	BY
2/22/10	REVISED & ADDED SHEETS	BJR

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT: BR-2175-00(003)

COUNTY: PIKE

METRIC

WORKING NUMBER DI-1

SHEET NUMBER 2

FILENAME: INDEX.DGN

DESIGN TEAM morea CHECKED DATE

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

1 st O. REV.

STATE	PROJECT NO.
MISS.	BR-2175-00(003)

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
FLOATING TURBIDITY CURTAIN		ECD-19	100.05 ⚠1
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK		ECD-20	100.06 ⚠1
PRELIMINARY EROSION CONTROL PLAN		ECP3	100.07 ⚠1
PRELIMINARY EROSION CONTROL PLAN		ECP4	100.08 ⚠1
PRELIMINARY EROSION CONTROL PLAN		ECP5	100.09 ⚠1
PRELIMINARY EROSION CONTROL PLAN		ECP6	100.10 ⚠1
PRELIMINARY EROSION CONTROL PLAN		ECP7	100.11 ⚠1
PRELIMINARY EROSION CONTROL PLAN (BRIDGE)		ECP8	100.12 ⚠1
PRELIMINARY EROSION CONTROL PLAN (BRIDGE)		ECP9	100.13 ⚠1
PRELIMINARY EROSION CONTROL PLAN (BRIDGE)		ECP10	100.14 ⚠1
PRELIMINARY EROSION CONTROL PLAN (BRIDGE)		ECP11	100.15 ⚠1
PRELIMINARY EROSION CONTROL PLAN (BRIDGE)		ECP12	100.16 ⚠1
PRELIMINARY EROSION CONTROL PLAN (BRIDGE)		ECP13	100.17 ⚠1
STANDARD DRAWINGS - ROADWAY SHEETS (39)			
BRIDGE END PAVEMENT		BE-1	107
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	(12-01-99)	PM-1	120
EROSION CONTROL		EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)	(10-01-98)	TEC-3	144 ⚠1
GUARD RAIL : "W" BEAM (WOOD POSTS)		GR-1	180
GUARD RAIL : THRIE BEAM (WOOD POSTS)		GR-1A	181
GUARD RAIL : "W" BEAM (STEEL POSTS)		GR-1B	182
GUARD RAIL : MODIFIED THRIE BEAM (STEEL POSTS)		GR-1C	183
BRIDGE END SECTION "TYPE I" (WOOD POSTS)	(12-01-99)	BR-2F	190
BRIDGE END SECTION "TYPE I" (STEEL POSTS)		GR-2G	191
GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	(12-01-99)	GR-4A	195
GUARD RAIL : MISCELLANEOUS HARDWARE		GR-HW	202
MEDIAN BARRIER : CONCRETE (PRECAST)		MB-2A	205
STANDARD ROADSIDE SIGNS		SN-3	222
STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION		SN-4	225
STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION		SN-4A	226
STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION		SN-4B	227
TYPICAL INSTALLATION & DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS		SN-8	233
TYPICAL GUARD RAIL DELINEATION		SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE OF TWO WAY TRAFFIC		TCP-1	250
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP-10	259
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	(12-01-99)	TCP-11	260
TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS		TCP-14	263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	(12-01-99)	TCP-15	264
RURAL DRIVEWAYS		RD-1	271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	272
SIGHT FLARES	(12-01-99)	SF-1	273
SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V < 70 km/h)		SE-1	275
SUPERELEVATION TRANSITION - CASE I (2.0% NORMAL SUBGRADE)		SE-2A	276 ⚠1
DRIVEWAYS, CURB & GUTTER, & SIDEWALK		SD-1	287
DRIVEWAYS, INTEGRAL CURB, & SIDEWALK		SD-2	288
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINTS 2. EXCAVATION AT GRADE POINTS		MDS-1	290
DETAILS OF PAVED FLUMES		PF-1	291
PIPE CULVERT INSTALLATION		PI-1	300
PIPE COLLAR - CONCRETE		PC-1	301

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
STANDARD DRAWINGS - ROADWAY SHEETS (CONT.)		
JUNCTION BOX TYPE 2 FOR TRAFFIC LOAD (MAXIMUM "W" = 2800 mm)	JB-2	304
BRANCH CONNECTIONS	BC-1	305
STORM SEWER INLET - TYPE SS-2	SS-2	322
FLARED END SECTION FOR CONCRETE PIPE	FE-1	328
SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS (19)		
CROSS SECTIONS (37)		
STA. 10+375.938 TO STA. 11+040.955 (SITE 1)		901-911
STA. 11+700.000 TO STA. 12+850.000 (SITE 2)		912-925
STA. 9+881.000 TO STA. 9+975.000 (HWY. 568)		926-927
STA. 9+910.000 TO STA. 9+975.000 (COUNTY ROAD)		928
STA. 13+150.031 TO STA. 13+650.000 (SITE 3)		929-934
STA. 15+425.000 TO STA. 15+675.000 (SITE 4)		935-937
TOTAL SHEETS (206)		

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

101

DATE	REVISION	BY
2/22/18	ADDED & REVISED SHEETS	BJR

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT: BR-2175-00(003)

COUNTY: PIKE

WORKING NUMBER DI-2

SHEET NUMBER 3

FILENAME: INDEX.DGN

DESIGN TEAM morea CHECKED DATE

STATE	PROJECT NO.
MISS.	STP-2175-00(003)

DESCRIPTION OF SHEETS
SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS

	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 12+031.657		
U.S. HWY. 51 ACROSS TANGIPAHOA RIVER	A 1 OF 19	466
U.S. HWY. 51 ACROSS TANGIPAHOA RIVER	A 2 OF 19	467
U.S. HWY. 51 ACROSS TANGIPAHOA RIVER	A 3 OF 19	468
GENERALIZED SOIL PROFILE	A 4 OF 19	469
END BENTS NO. 1 & 6	A 5 OF 19	470
END BENT DETAILS	A 6 OF 19	471
INT. BENTS NO. 2 & 5 DETAILS	A 7 OF 19	472
INT. BENTS NO. 3 & 4 DETAILS	A 8 OF 19	473
PLAN OF 15m SPANS 1 & 2	A 9 OF 19	474
PLAN OF 32m SPAN 3	A10 OF 19	475
PLAN OF 18m SPANS 4 & 5	A11 OF 19	476
15m & 18m SPAN DETAILS	A12 OF 19	477
32m SPAN DETAILS	A13 OF 19	478
815mm RAILING DETAILS	A14 OF 19	479
MISC. SPAN DETAILS	A15 OF 19	480
15m BEAM DETAILS SPANS 1 & 2	A16 OF 19	481
32m BEAM DETAILS SPAN 3	A17 OF 19	482
18m BEAM DETAILS SPANS 4 & 5	A18 OF 19	483
PRESTRESSED CONCRETE PILES	A19 OF 19	484
BRIDGE AT STA. 12+445.657		
U.S. HWY. 51 ACROSS TANGIPAHOA RIVER	B 1 OF 16	485
U.S. HWY. 51 ACROSS TANGIPAHOA RIVER	B 2 OF 16	486
GENERALIZED SOIL PROFILE	B 3 OF 16	487
FORM GRADES	B 4 OF 16	488
END BENT NO. 1	B 5 OF 16	489
END BENT NO. 5	B 6 OF 16	490
END BENT DETAILS	B 7 OF 16	491
INT. BENTS NO. 2 DETAILS	B 8 OF 16	492
INT. BENTS NO. 3 & 4 DETAILS	B 9 OF 16	493
PLAN OF 15m SPAN 1	B10 OF 16	494
PLAN OF 18m SPAN 2	B11 OF 16	495
PLAN OF 18m SPAN 3	B12 OF 16	496
PLAN OF 15m SPAN 4	B13 OF 16	497
MISC. SPAN DETAILS	B14 OF 16	498
15m BEAM DETAILS	B15 OF 16	499
18m BEAM DETAILS	B16 OF 16	500
BRIDGE AT STA. 15+566.657		
U.S. HWY 51 ACROSS MINNEHAHA CREEK	C 1 OF 13	501
U.S. HWY 51 ACROSS MINNEHAHA CREEK	C 2 OF 13	502
GENERALIZED SOIL PROFILE	C 3 OF 13	503
END BENT NO. 1	C 4 OF 13	504
END BENT NO. 5	C 5 OF 13	505
END BENT DETAILS	C 6 OF 13	506
INT. BENTS NO. 2, 3 & 4 DETAILS	C 7 OF 13	507
PLAN OF 15m SPAN 1	C 8 OF 13	508
PLAN OF 18m SPANS 2 & 3	C 9 OF 13	509
PLAN OF 15m SPAN 4	C10 OF 13	510
MISC. SPAN DETAILS	C11 OF 13	511
15m BEAM DETAILS	C12 OF 13	512
18m BEAM DETAILS	C13 OF 13	513

CONTINUED

	WORKING NUMBER	SHEET NUMBER
DETOUR BRIDGES		
DETOUR BRIDGE AT STA. 1+061.00 (ACROSS TANGIPAHOA RIVER)	DBA1 OF 1	514
DETOUR BRIDGE AT STA. 1+461.00 (ACROSS TANGIPAHOA RIVER RELIEF)	DBB1 OF 1	515
SUPPLEMENTAL ORIGINAL PLANS, FOR INFORMATION ONLY		
BRIDGE AT STA. 411+11.5 ELEV. & PROFILE ON ℄ RDWY.		516
BRIDGE AT STA. 424+98.3 ELEV. & PROFILE ON ℄ RDWY.		517
BRIDGE AT STA. 456+62 ELEV. & PROFILE ON ℄ RDWY.		518
BRIDGE AT STA. 424+98.3 CURVE DETAILS SUPERELEVATION		519
BRIDGE AT STA. 526+17.5 ELEV. & PROFILE ON ℄ RDWY.		520
BRIDGE AT STATION 526+77.5 CURVE DETAILS FOR SPAN		521
BRIDGE AT STA. 526+17.5 END BENT DETAILS		522
BRIDGE STD. M-735 CONCRETE END BENT		523
BRIDGE STD. M-735A DETAILED ELEVATIONS FOR VARIOUS HEIGHTS OF END BENTS		524
BRIDGE STD. M-605 CONCRETE BENT		525
BRIDGE STD. M-704C CONCRETE SPAN 41'C.C. AND STD. M-704 MODIFIED		526
		527

	BRIDGE DIVISION REVISIONS	
DATE	SHEET NO.	BY

DATE	REVISIONS	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

BRIDGE
DETAILED INDEX

PROJECT 100879/301000
BR-2175-00(003)

PIKE COUNTY

WORKING NUMBER DIB-1

DESIGNED JDMc DETAILED JDMc TRACED CADD
CHECKED JSS ISSUED DATE NOV. 1999

SHEET NUMBER 4

STATE	PROJECT NO.
MISS.	BR-2175-00(003)

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. 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.

4. FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.

5. 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.

6. IN ORDER TO MAINTAIN PROPER DRAINAGE OF THE PROJECT THROUGHOUT THE CONTRACT PERIOD, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING BRACING, SHEETING, SHORING, OR ANY GROUND SUPPORT SYSTEM REQUIRED TO PREVENT A FAILURE FROM OCCURRING DURING CONSTRUCTION. ALL COSTS FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

7. PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.

8. 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 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.

9. 20% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

10. 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 THE 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.

11. 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)

12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AND MAINTAIN ALL EXISTING TRAFFIC SIGNS.

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. 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 THE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT TO WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION.

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

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

COUNTY: PIKE

PROJECT: BR-2175-00(003)

METRIC

WORKING NUMBER GN-1

SHEET NUMBER 5

FILENAME: gnotes.dgn

DESIGN TEAM morea CHECKED DATE

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