

1st O. REV.

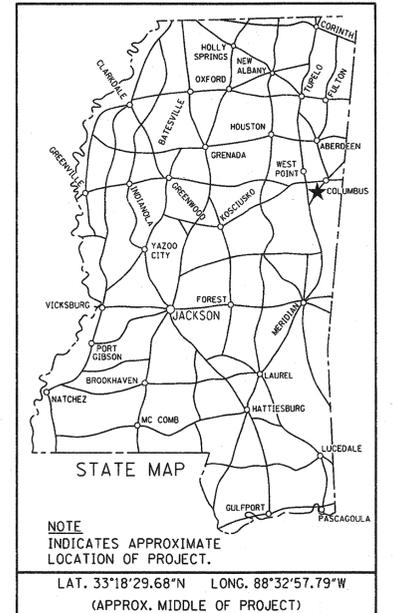
STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. STP-0002-03(047)
NH-0002-04(039)

US. HWY. 45 FROM NORTH OF BROOKSVILLE
 TO CARSON ROAD AREA
 NOXUBEE & LOWNDES COUNTIES

FMS CONST. NO.: 100487/301000 NOXUBEE
 FMS CONST. NO.: 100094/301000 LOWNDES

SCALES
 PLAN 1 IN. = 100 FT.
 PROFILE { HOR. 1 IN. = 100 FT.
 VERT. 1 IN. = 10 FT.
 LAYOUT 1 IN. = 3800 FT.

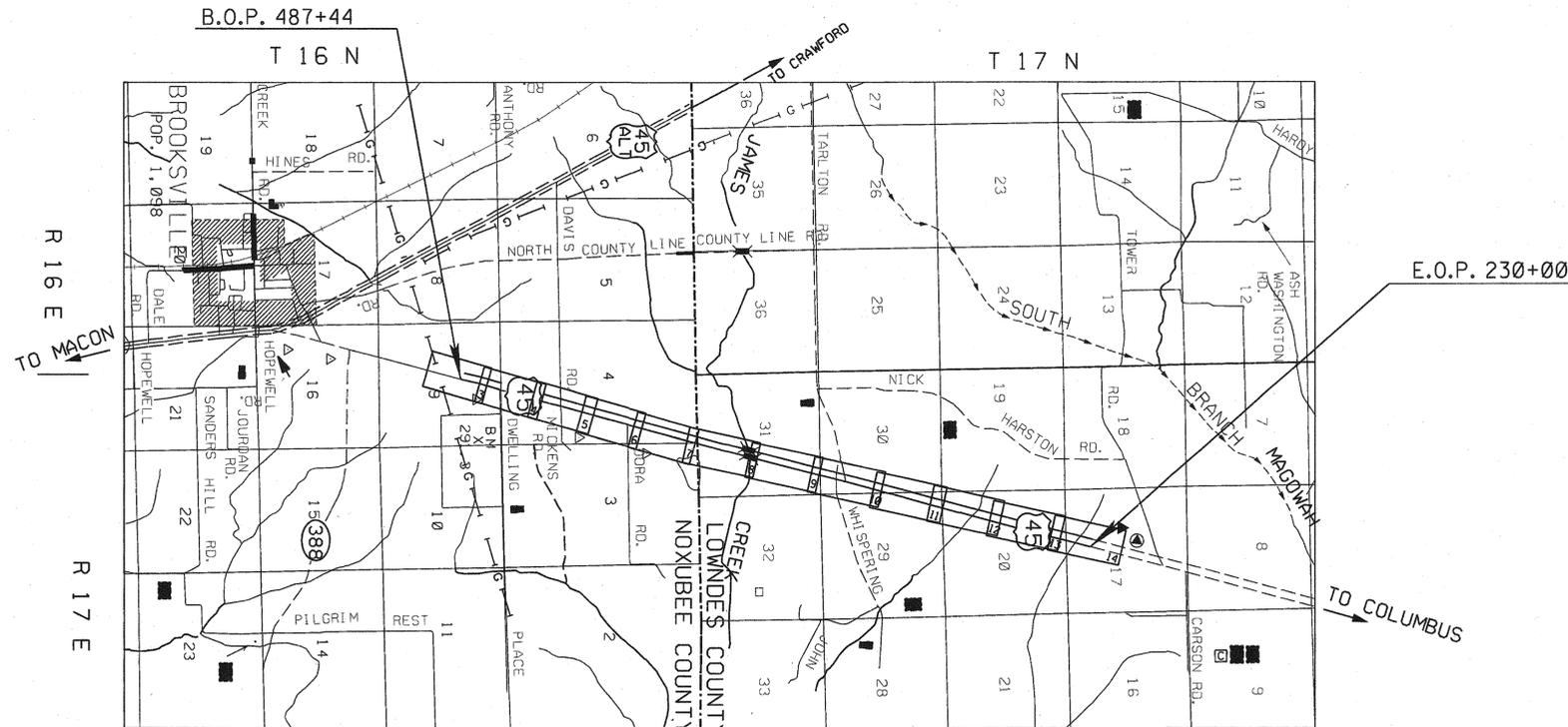
FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP-0002-03(047) NH-0002-04(039)	1



BRIDGE STRUCTURES REQ'D.

LT. LN. STA. 55+61.13 TO STA. 57+02.87
 SPAN ARR. (1@40', 1@60', 1@40')
 141.75 FEET ALONG CL.

RT. LN. STA. 56+21.13 TO STA. 57+62.87
 SPAN ARR. (1@40', 1@60', 1@40')
 141.75 FEET ALONG CL.



DESIGN CONTROL		
70 MPH = V (SPEED DESIGN)		
ADT (2010) = 7,000 ; ADT (2030) = 11,000		
DHV = 1,200 ; D = 60 % T = 25 %		
PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):		
	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL*	<input type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR		
	STORMWATER PERMIT	<input checked="" type="checkbox"/>
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + INTB 2805)	
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (INTB 3087)	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY: GSN DATE: 1/07/10		

TITLE ROADWAY DESIGN DIVISION CAD/DESIGN SECTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

CONVENTIONAL SYMBOLS

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

EQUATIONS

STA. 558+88.35 BK. = STA. 558+89.73 AH. -1.38 FT.
 STA. 621+34.79 BK. = STA. 25+00.00 AH. +59634.79 FT.

EQUATIONS

STA. 45+49.230 BK. = STA. 45+48.520 AH. +0.71 FT.

EXCEPTIONS

NOXUBEE CO.

LOWNDES CO.

PROJECT LENGTH

LENGTH OF ROADWAY	14141.60 FT.	2.6783 MI.	19606.97 FT.	3.7134 MI.	33748.57 FT.	6.3917 MI.
LENGTH OF BRIDGES	0.00 FT.	0.0000 MI.	141.75 FT.	0.0268 MI.	141.75 FT.	0.0268 MI.
LENGTH OF PROJECT (NET)		2.6783 MI.		3.7402 MI.		6.4185 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.0000 MI.	0.00 FT.	0.0000 MI.	0.00 FT.	0.0000 MI.
LENGTH OF PROJECT (GROSS)		2.6783 MI.		3.7402 MI.		6.4185 MI.

APPROVED BY: <i>Walter McArthur</i>	1/7/10
CHIEF ENGINEER	DATE
APPROVED BY: <i>Ray R. Brown</i>	1/7/10
EXECUTIVE DIRECTOR	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
APPROVED:	
DIVISION ADMINISTRATOR	DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0002-03(047) NH-0002-04(039)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TITLE SHEET		1
DETAILED INDEX & GENERAL NOTES (5)		
DETAILED INDEX	DI-1	2
DETAILED INDEX	DI-2	3
DETAILED INDEX	DI-3	3.1
DETAILED INDEX (BRIDGE)	DI-BR	4
GENERAL NOTES	GN-1	5
TYPICAL SECTION SHEETS (9)		
MAIN FACILITY - B.O.P. TO STA. 32+52/STA. 32+52 TO STA. 40+00	TS-1	6
MAIN FACILITY - STA. 73+81.37 TO STA. 139+50 & 162+40.110 TO E.O.P. /40+00 TO 45+48.520	TS-2	7
MAIN FACILITY - STA. 45+48.520 TO STA. 73+81.37/139+50 TO 162+40.110	TS-3	8
TEMP. CONNECT. - STA. 487+43.808 TO STA. 499+00/251+50 TO STA. 229+26.312	TS-4	9
TYPICAL SECTIONS - LOCAL ROADS	TS-5	10
TYPICAL SECTIONS - THRU CHANNELIZED INTERSECTION	TS-6	11
TYPICAL SECTIONS - CROSS-OVER	TS-7	12
TYPICAL SECTIONS - DRAINAGE IMPROVEMENT DETAIL	TS-8	13
TYPICAL SECTIONS - MISCELLANEOUS TYPICAL SECTION DETAILS	TS-9	14
QUANTITY SHEETS (20)		
SUMMARY OF QUANTITIES	SQ-1	15
SUMMARY OF QUANTITIES	SQ-2	16
SUMMARY OF QUANTITIES	SQ-3	17
SUMMARY OF QUANTITIES	SQ-4	18
SUMMARY OF QUANTITIES (BRIDGE)	SQ-BR	19
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ESTIMATED QUANTITIES	EQ-2	21
ESTIMATED QUANTITIES	EQ-3	22
ESTIMATED REMOVAL QUANTITIES	EQ-4	23
ESTIMATED QUANTITIES	EQ-5	24
ESTIMATED DRAINAGE QUANTITIES	EQ-6	25
ESTIMATED QUANTITIES	EQ-7	26
ESTIMATED QUANTITIES	EQ-8	27
ESTIMATED REMOVAL QUANTITIES	EQ-9	28
ESTIMATED QUANTITIES	EQ-10	29
ESTIMATED QUANTITIES	EQ-11	30
ESTIMATED BRIDGE QUANTITIES	EQ-BR	31
STANDARD ROADSIDE SIGN QUANTITIES	SRS-1A	31.1
STANDARD ROADSIDE SIGN QUANTITIES	SRS-2	31.2
DIRECTIONAL SIGN QUANTITIES	DSQ-1A	31.3
PLAN & PROFILE SHEETS (30)		
MAIN FACILITY - B.O.P. TO STA. 510+00	3L	32
MAIN FACILITY - B.O.P. TO STA. 510+00	3R	33
MAIN FACILITY - TEMPORARY CONNECTION - STA. 490+13.07 TO STA. 501+69.26	3A	34
MAIN FACILITY - STA. 510+00 TO STA. 540+00	4L	35
MAIN FACILITY - STA. 510+00 TO STA. 540+00	4R	36
LOCAL ROAD -----STA. 9+55.56 TO STA. 12+00	4A	37
MAIN FACILITY - STA. 540+00 TO STA. 570+00	5L	38
MAIN FACILITY - STA. 540+00 TO STA. 570+00	5R	39
LOCAL ROAD -----STA. 7+00 TO STA. 9+54.23 & STA. 10+45.77 TO STA. 13+00	5A	40
MAIN FACILITY - STA. 570+00 TO STA. 600+00	6L	41
MAIN FACILITY - STA. 570+00 TO STA. 600+00	6R	42
LOCAL ROAD -----STA. 4+54.85 TO STA. 9+50	6A	43
MAIN FACILITY - STA. 600+00 TO STA. 30+00	7L	44
MAIN FACILITY - STA. 600+00 TO STA. 30+00	7R	45
MAIN FACILITY - STA. 30+00 TO STA. 60+00	8L	46
MAIN FACILITY - STA. 30+00 TO STA. 60+00	8R	47
MAIN FACILITY - STA. 60+00 TO STA. 90+00	9L	48
MAIN FACILITY - STA. 60+00 TO STA. 90+00	9R	49
MAIN FACILITY - STA. 90+00 TO STA. 120+00	10L	50
MAIN FACILITY - STA. 90+00 TO STA. 120+00	10R	51
LOCAL ROAD -----STA. 22+66.800 TO STA. 46+00	10A	52
MAIN FACILITY - STA. 120+00 TO STA. 150+00	11L	53
MAIN FACILITY - STA. 120+00 TO STA. 150+00	11R	54
MAIN FACILITY - STA. 150+00 TO STA. 180+00	12L	55
MAIN FACILITY - STA. 150+00 TO STA. 180+00	12R	56
MAIN FACILITY - STA. 180+00 TO STA. 210+00	13L	57

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

MAIN FACILITY - STA. 180+00 TO STA. 210+00	13R	58
MAIN FACILITY - STA. 210+00 TO E.O.P.	14L	59
MAIN FACILITY - STA. 210+00 TO E.O.P.	14R	60
MAIN FACILITY - TEMPORARY CONNECTION - STA. 215+50 TO STA. 229+26.312	14A	61
SPECIAL DESIGN SHEETS (99)		
DETAIL OF CONSTRUCTION SIGNING	DCS-1	62
TRAFFIC CONTROL PLAN (B.O.P. TO STA. 533+00 PHASE 1)	TC-1	63
TRAFFIC CONTROL PLAN (STA. 533+00 TO STA. 618+00 PHASE 1)	TC-2	64
TRAFFIC CONTROL PLAN (STA. 618+00 TO STA. 87+00 PHASE 1)	TC-3	65
TRAFFIC CONTROL PLAN (STA. 87+00 TO STA. 106+00 PHASE 1)	TC-4	66
TRAFFIC CONTROL PLAN (STA. 106+00 TO STA. 170+00 PHASE 1)	TC-5	67
TRAFFIC CONTROL PLAN (STA. 170+00 TO E.O.P. PHASE 1)	TC-6	68
TRAFFIC CONTROL PLAN (B.O.P. TO STA. 533+00 PHASE 2)	TC-7	69
TRAFFIC CONTROL PLAN (STA. 533+00 TO STA. 618+00 PHASE 2)	TC-8	70
TRAFFIC CONTROL PLAN (STA. 618+00 TO STA. 87+00 PHASE 2)	TC-9	71
TRAFFIC CONTROL PLAN (STA. 87+00 TO STA. 106+00 PHASE 2)	TC-10	72
TRAFFIC CONTROL PLAN (STA. 106+00 TO STA. 170+00 PHASE 2)	TC-11	73
TRAFFIC CONTROL PLAN (STA. 170+00 TO E.O.P. PHASE 2)	TC-12	74
TRAFFIC CONTROL PLAN (B.O.P. & E.O.P. PHASE 3)	TC-13	75
INTERSECTION DETAIL (LOCAL ROAD @ STA. 539+69.26 (HWY. #45))	ID-1	76
INTERSECTION DETAIL (LOCAL ROAD @ STA. 567+68.20 (HWY. #45))	ID-2	77
INTERSECTION DETAIL (LOCAL ROAD @ STA. 597+47.35 (HWY. #45))	ID-3	78
INTERSECTION DETAIL (STA. 95+92.73 @ SURVEY = 32+82.204 CO. RD.)	ID-4	79
PERMANENT PAVEMENT MARKING (STA. 535+50 TO STA. 543+19)	PM-1	80
PERMANENT PAVEMENT MARKING (STA. 564+00 TO STA. 572+00)	PM-2	81
PERMANENT PAVEMENT MARKING (STA. 594+00 TO STA. 601+00)	PM-3	82
PERMANENT PAVEMENT MARKING (STA. 90+00 TO STA. 100+00)	PM-4	83
TRAFFIC CONTROL DETAIL DRUM PLACEMENT AND SHOULDER CLOSURE	TPC-SC	84
RIGHT-OF-WAY MARKER	RW-1	85
LOCATION OF R16-3 SIGNS	MDS-1	86
RUMBLE STRIPE FOR 4 LANE HIGHWAYS	RS-4L	87
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN)	TEC-D	88
VEGETATION SCHEDULE	VS-1	89
BOX CULVERT DRAWING BARREL JOINT LOCATIONS NORMAL AND SKEWED CULVERTS	SD-IBJL-1	90
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 4 FT. - SPANS - 4-10 FT.	SD-IBS-4-2W	91
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 4 FT. - SPANS - 4-10 FT.	SD-IBS-4-2WA	92
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 4 FT. - SPANS - 4-10 FT.	SD-IBS-4-2WB	93
BOX CULVERT DRAWING - 15 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS	SD-ISK-15-3W	94
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 4-12 FT. - SPANS 4-24 FT.	SD-IWS-3	95
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 4-12 FT. - SPANS 4-24 FT.	SD-IWS-3A	96
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 4-12 FT. - SPANS 4-24 FT.	SD-IWS-3B	97
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 4-12 FT. - SPANS 4-24 FT.	SD-IWS-3C	98
BOX CULVERT DRAWING - 45 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS	SD-ISK-45-3W	99

L/12/2011 2:45 PM INDEX.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION

ABMB

PS & E PLANS-DATE...1/08/2010		
FMS CON. # 100487 & 100094/301000		
REVISIONS		
DATE	SHEET NO.	BY
7/7/10	2,3,3,1,15-18,32-61, 99,01-99.35	RSC
4/12/10	19, 31	JB
8/10/10	5-13, 15	IT
10/20/10	17	GSW
12/02/10	1-3,1, 5-8, 11, 13, 15, 16, 18, 19, 22, 88, 100,22-100.25	GSW
12/16/10	15, 16	GSW
1/12/11	7, 8, 15, 16	GSW

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILED INDEX			
HWY. 45			
PROJECT NO.: STP-0002-03(047) NH-0002-04(039)			
COUNTY : NOXUBEE & LOWNDES			
FILENAME: INDEX.DGN		WORKING NUMBER DI-1	
DESIGN TEAM ABMB		SHEET NUMBER 2	



DESCRIPTION OF SHEET

WKG. NO. SH. NO.

STANDARD DRAWINGS - BRIDGE SHEETS (12)

BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS GROUP III DIAGRAMS
COLLAR DETAILS FOR BOX STRUCTURES (SINGLE, DOUBLE, TRIPLE & QUADRUPLE)
SKEWED COLLAR DETAILS FOR BOX STRUCTURES (SINGLE, DOUBLE, TRIPLE & QUADRUPLE)

IBJL-1 366.3

ICJ-1 367

ICJS-1 368

BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 6 FT. - SPANS - 6-20 FT.

IBS-6-2W 370.1

BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 6 FT. - SPANS - 6-20 FT.

IBS-6-2W 370.2

WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 6-12 FT. - SPANS 6-24 FT.

IWS-3 374

WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 6-12 FT. - SPANS 6-24 FT.

IWS-3 375.1

WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 6-12 FT. - SPANS 6-24 FT.

IWS-3 375.2

BOX CULVERT DRAWING - 15 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS

ISK-15-3W 397.1

BOX CULVERT DRAWING - 15 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGEL & DOUBLE CELL CULVERTS

ISK-15-3W 397.2

BOX CULVERT DRAWING - 30 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS

ISK-30-3W 400.1

BOX CULVERT DRAWING - 30 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGEL & DOUBLE CELL CULVERTS

ISK-30-3W 400.2

CROSS SECTIONS (176)
TOTAL SHEETS

901-1076
398

PLAN DIVISION ROADWAY DESIGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

12/1/2010 2:55 PM INDEX.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILED INDEX			
HWY. 45			
PROJECT NO.: STP-0002-03(047) NH-0002-04(039)			
COUNTY : NOXUBEE & LOWNDES			
DATE	DESIGN TEAM	ABMB	CHECKED
12/2/10			
DATE	INDEX.DGN	DATE	
12/2/10			
DATE	FILENAME:	INDEX.DGN	WORKING NUMBER
12/2/10			DI-3
DATE	DESIGN TEAM	ABMB	CHECKED
12/2/10			
DATE	INDEX.DGN	DATE	SHEET NUMBER
12/2/10			3.1

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
PRELIMINARY EROSION CONTROL PLAN - B.O.P. TO STA. 510+00	ECP-3	99.01	TYPE B SILT BASIN	TEC-3	144
PRELIMINARY EROSION CONTROL PLAN - STA. 510+00 TO STA. 540+00	ECP-4	99.02	FENCE : WOVEN WIRE - TIMBER POSTS	WW-1	160
PRELIMINARY EROSION CONTROL PLAN - STA. 540+00 TO STA. 570+00	ECP-5	99.03	FENCE : WOVEN WIRE - CONCRETE POSTS	WW-2	161
PRELIMINARY EROSION CONTROL PLAN - STA. 570+00 TO STA. 600+00	ECP-6	99.04	GUARD RAIL : "W" BEAM (WOOD POSTS)	GR-1	180
PRELIMINARY EROSION CONTROL PLAN - STA. 600+00 TO STA. 30+00	ECP-7	99.05	GUARD RAIL : THRIE BEAM (WOOD POSTS)	GR-1A	181
PRELIMINARY EROSION CONTROL PLAN - STA. 30+00 TO STA. 60+00	ECP-8	99.06	GUARD RAIL : "W" BEAM (STEEL POSTS)	GR-1B	182
PRELIMINARY EROSION CONTROL PLAN - STA. 60+00 TO STA. 90+00	ECP-9	99.07	GUARD RAIL : MODIFIED THRIE BEAM (STEEL POSTS)	GR-1C	183
PRELIMINARY EROSION CONTROL PLAN - STA. 90+00 TO STA. 120+00	ECP-10	99.08			2
PRELIMINARY EROSION CONTROL PLAN - STA. 120+00 TO STA. 150+00	ECP-11	99.09			2
PRELIMINARY EROSION CONTROL PLAN - STA. 150+00 TO STA. 180+00	ECP-12	99.10	GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	GR-4	194
PRELIMINARY EROSION CONTROL PLAN - STA. 180+00 TO STA. 210+00	ECP-13	99.11	GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY		
PRELIMINARY EROSION CONTROL PLAN - STA. 210+00 TO E.O.P.	ECP-14	99.12	GUARDRAIL: MISCELLANEOUS HARDWARE	GR-4A	195
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-1	99.13	STANDARD ROADSIDE SIGNS	GR-HW	202
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-2	99.14	STANDARD ROADSIDE SIGNS	SN-3A	223
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-3	99.15	STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION	SN-3B	224
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-4	99.16	STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION	SN-4	225
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-5	99.17	BREAK-AWAY SIGN SUPPORTS	SN-4A	226
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-6	99.18	BREAK-AWAY SIGN SUPPORTS	SN-6	229
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-7	99.19	TYPICAL CROSSOVER DELINEATION	SN-6A	230
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-8	99.20	TYPICAL GUARD RAIL DELINEATION	SN-6B	231
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-9	99.21	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO WAY TRAFFIC)	SN-8B	235
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-10	99.22	TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH	SN-8C	236
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-11	99.23			
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-12	99.24			
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-13	99.25	SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS	TCP-1	250
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-14	99.26	SHORT DURATION CLOSING OF DIVIDED HIGHWAYS	TCP-5	254
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-15	99.27	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	257
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-16	99.28	TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-9	258
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-17	99.29	TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSSOVER (WORK DAY ONLY)	TCP-10	259
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-18	99.30	TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS		
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-19	99.31	TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-11	260
EROSION CONTROL SPECIAL DESIGN SHEET	ECD-20	99.32	RURAL DRIVEWAYS	TCP-13	262
DETAILS OF DITCH TREATMENT	DT-1	99.33	TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	TCP-14	263
DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT	DT-1A	99.34	SUPERELEVATION TRANSITION - CASE I (2.0% NORMAL SUBGRADE)		
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	TEC-2	99.35	DRIVEWAYS, CURB & GUTTER & SIDEWALK	TCP-15	264
BOX CULVERT BENDING DETAIL	BCB-1	100	DETAILS OF PAVED FLUMES	RD-1	271
FLEXIBLE PIPE STANDARD	HDPE-1	100.01	PIPE CULVERT INSTALLATION	GT-1	272
PERMANENT SIGNING DETAILS	PSD-1	100.02	PIPE COLLAR - CONCRETE	SE-2A	276
PERMANENT SIGNING DETAILS	PSD-2	100.03	JUNCTION BOX FOR PIPE CULVERTS	SD-1	287
PERMANENT SIGNING DETAILS	PSD-3	100.04	BRANCH CONNECTIONS	PF-1	291
PERMANENT SIGNING DETAILS	PSD-4	100.05	TYPE I MEDIAN INLET (24" PIPE & UNDER)	PI-1	300
PERMANENT SIGNING DETAILS	PSD-5	100.06	TYPE I MEDIAN INLET (29" - 51" PIPE)	PC-1	301
PERMANENT SIGNING DETAILS	PSD-6	100.07	MEDIAN INLET (FLUSH WITH FORESLOPE)	JB-1	302
PERMANENT SIGNING DETAILS	PSD-7	100.08	MEDIAN INLET (FLUSH WITH DITCH PLUG)	BC-1	305
PERMANENT SIGNING PLANS	PSP-1	100.09	DETAILS OF GRATES FOR MEDIAN INLETS	MI-1	306
PERMANENT SIGNING PLANS	PSP-2	100.10	PAVED INLET APRON AND MEDIAN DITCH PLUG	MI-1A	307
PERMANENT SIGNING PLANS	PSP-3	100.11	FLARED END SECTION FOR CONCRETE PIPE	MI-4	312
PERMANENT SIGNING PLANS	PSP-4	100.12	FLARED END SECTION FOR CONCRETE ARCH PIPE	MI-4A	313
PERMANENT SIGNING PLANS	PSP-5	100.13		IG-1	314
PERMANENT SIGNING PLANS	PSP-6	100.14		PA-1	318
PERMANENT SIGNING PLANS	PSP-7	100.15		FE-1	328
PERMANENT SIGNING PLANS	PSP-8	100.16		FE-1A	329
PERMANENT SIGNING PLANS	PSP-9	100.17			
PERMANENT SIGNING PLANS	PSP-10	100.18			
PERMANENT SIGNING PLANS	PSP-11	100.19			
PERMANENT SIGNING PLANS	PSP-12	100.20			
PERMANENT SIGNING PLANS	PSP-13	100.21			
GUARD RAIL: BRIDGE END SECTION - TYPE "I" (WOOD POSTS)	GR-2F	100.22			
GUARD RAIL: BRIDGE END SECTION - TYPE "I" (STEEL POSTS)	GR-2G	100.23			
GUARD RAIL: RUB RAIL HARDWARE SHEET	GR-RR	100.24			
BRIDGE END PAVEMENT WITH RAIL	BE-1A	100.25			
STANDARD DRAWINGS - ROADWAY SHEETS (47)					
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	PM-1	120			
EROSION CONTROL	EC-1	140			

12/1/2010 2:55 PM INDEX.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILED INDEX			
HWY. 45			
PROJECT NO.: STP-0002-03(047) NH-0002-04(039)			
COUNTY : NOXUBEE & LOWNDES			
FILENAME:	INDEX.DGN	WORKING NUMBER	DI-2
DESIGN TEAM	ABMB CHECKED	SHEET NUMBER	3

**DESCRIPTION OF SHEETS
SPECIAL DESIGN SHEETS BRIDGE DRAWINGS**

**WORKING
NUMBER**

**SHEET
NUMBER**

BRIDGE AT STA. 55+61.13 LT. LN. BRIDGE AT STA. 56+21.13 RT. LN. US 45 OVER JAMES CREEK	1 OF 24	466
BRIDGE AT STA. 55+61.13 LT. LN. BRIDGE AT STA. 56+21.13 RT. LN. US 45 OVER JAMES CREEK	2 OF 24	467
GENERALIZED SOIL PROFILE	3 OF 24	468
END BENT NO. 1L DETAILS	4 OF 24	469
END BENT NO. 4L DETAILS	5 OF 24	470
END BENT NO. 1R DETAILS	6 OF 24	471
END BENT NO. 4R DETAILS	7 OF 24	472
END BENT DETAILS	8 OF 24	473
INT. BENT NO. 2L DETAILS	9 OF 24	474
INT. BENT NO. 3L DETAILS	10 OF 24	475
INT. BENT NO. 2R DETAILS	11 OF 24	476
INT. BENT NO. 3R DETAILS	12 OF 24	477
40 FT. SPAN DETAILS SPAN NO. 1	13 OF 24	478
40 FT. SPAN DETAILS SPAN NO. 1	14 OF 24	479
40 FT. SPAN DETAILS	15 OF 24	480
60 FT. SPAN DETAILS SPAN NO. 2	16 OF 24	481
60 FT. SPAN DETAILS SPAN NO. 2	17 OF 24	482
60 FT. SPAN DETAILS	18 OF 24	483
40 FT. SPAN DETAILS SPAN NO. 3	19 OF 24	484
40 FT. SPAN DETAILS SPAN NO. 3	20 OF 24	485
MISCELLANEOUS SPAN DETAILS	21 OF 24	486
RAILING DETAILS	22 OF 24	487
40 FT. BEAM DETAILS (END SPAN) - BEAM 40-1 (TYPE I+2)	23 OF 24	488
60 FT. BEAM DETAILS (INT. SPAN) - BEAM 60-1 THRU 60-3 (TYPE II+2)	24 OF 24	489

BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY
4/12/10	466 - 467	RKA
7/26/10	469 - 473	RKA

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX (BRIDGE)	
PROJECT 100094/301000 NH-BR-0002-04(039)	
LOWNDES	COUNTY
WORKING NUMBER DI-BR	SHEET NUMBER 4
DESIGNED <u>RKA</u> DETAILED <u>RKA</u> TRACED <u>CADD</u>	
CHECKED <u>KLC</u> ISSUED <u>MKC</u> DATE <u>4/2/2009</u>	

- ① SEE SH. WK. NO. 3 FOR A LIST OF PUBLIC UTILITIES.
- ② THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT THE FIELD CONDITIONS.
- ③ TOE WALLS ARE REQUIRED AT ALL UPSTREAM AND DOWNSTREAM FLARED END SECTIONS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- ④ 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.
- ⑤ 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 SHOULD 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.
- ⑥ ALL EXISTING HEADWALLS, PIPE CULVERTS OR OTHER OBSTRUCTIONS, NOT COVERED BY A SPECIFIC PAY ITEM, WHICH CONFLICT WITH REQUIRED CONSTRUCTION SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE AS AN ABSORBED ITEM. EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED ON EACH END WITH CONCRETE. (ABSORBED ITEM)
- 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 EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. 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.
- ⑨ 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 PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION.
- ⑩ 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 THE EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE 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 STRUCTURE ADJACENT TO THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR THE DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDE IN THE PRICE BID FOR THE CONTRACT ITEMS.
- △ ⑪ FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS. (SEE ICJ-1 FOR DETAILS)
- ⑫ FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
- ⑬ PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.
- ⑭ ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH IS TO BE ASORBED ON OTHER ITEMS BID.
- ⑮ THE UTILITY COMPANIES ASSOCIATED WITH PROJECT ARE DECLARED ON WK. SHEET NO. 3-LT FOR NOXUBEE COUNTY, AND WK. SHEET NO. 8-LT FOR LOWNDES COUNTY.
- ⑯ ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- ⑰ 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- △ ⑱ ANY REFERENCE TO PROJECT NUMBER NH-BR-0002-04(039) IS TO BE UNDERSTOOD THAT NH-0002-04(039) IS THE CORRECT PROJECT NUMBER.

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

				MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
				GENERAL NOTES			
				HWY. 45			
				PROJECT NO.: STP-0002-03(047) NH-BR-0002-04(039) COUNTY : NOXUBEE & LOWNDES			
		WORKING NUMBER				GN-1	
		SHEET NUMBER				5	
12-02-10	8-10-10	DATE	FILENAME:	GN.DGN	DESIGN TEAM	ABMB	CHECKED
							DATE