1 st O. REV. GENERAL INDEX 1 st O. REV.

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	NH-0002-04(041)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. - NH-0002-04(041)

① 01-14-09

U.S. 45 FROM CARSON ROAD
TO 4 MILES SOUTH OF U.S. 82
LOWNDES COUNTY

FMS CON: 102090/301000

SCALES

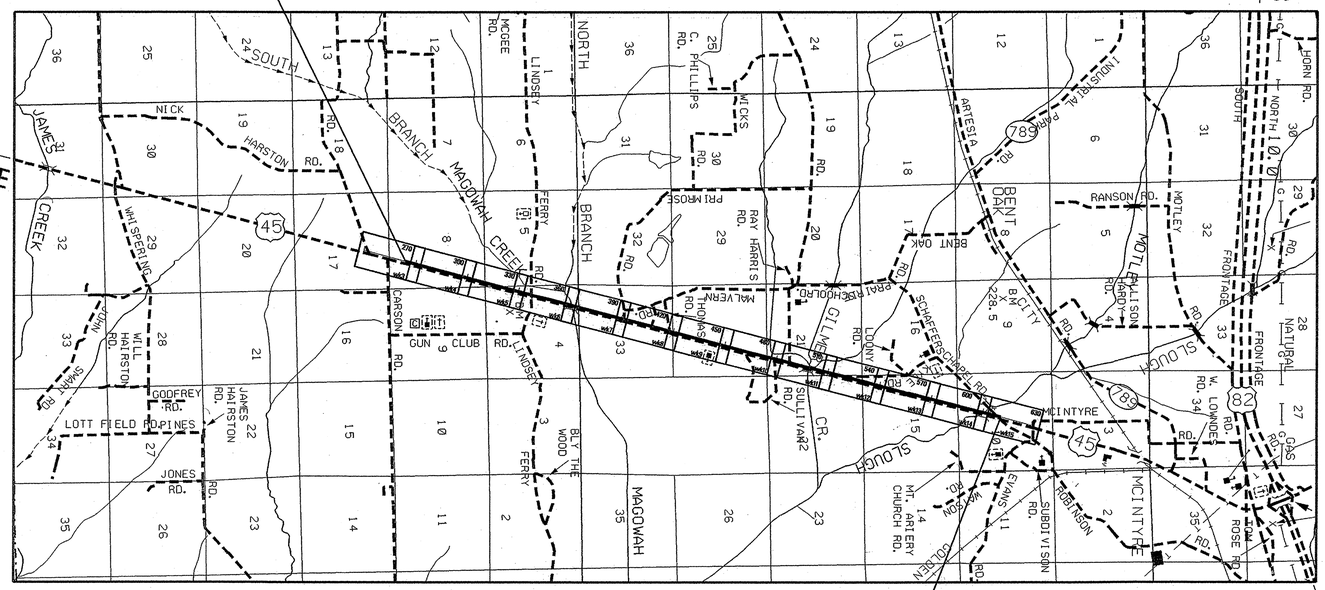
PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = FT.

ALL RIGHT LANE
BRIDGES FUTURE

BEGINNING OF PROJECT
STA. 265+77

TO BROOKSVILLE

TO STARKVILLE



BRIDGE STRUCTURES REQ'D.

BRIDGE NO. 151.1
STA. 359+29.18 – STA. 362+30.82 LT.
STA. 359+59.18 – STA. 362+60.82 RT. – FUTRE
SPANS: 3@40' – 1@100' – 2@40' LT.
3@40' – 1@100' – 2@40' RT.
LENGTH: 301.64' LT., 301.64' RT.
SKEW: 15' RIGHT-FORWARD LT.
15' RIGHT-FORWARD RT.

△1 BRIDGE NO. 153.7
STA. 497+59.21 – STA. 499+60.79 LT.
STA. 497+59.21 – STA. 499+60.79 RT. – FUTURE
SPANS: 2@40' – 1@80' – 1@40' LT.
2@40' – 1@80' – 1@40' RT.
LENGTH: 201.58' LT., 201.58' RT.
NO SKEW

BRIDGE NO. 155.6
STA. 599+88.88 – STA. 602+91.12 LT.
STA. 598+53.88 – STA. 601+56.12 RT. – FUTURE
SPANS: 3@40' – 1@100' – 2@40' LT.
3@40' – 1@100' – 2@40' RT.
LENGTH: 302.24' LT. 302.24' RT.
SKEW: 45' LEFT-FORWARD LT.
45' LEFT-FORWARD RT.

BOX BRIDGES REQ'D.

STA. 413+70
107' – DOUBLE 10' X 4' RCB REQ'D.

END OF PROJECT
STA. 610+00

EQUATIONS

NONE

EXCEPTIONS

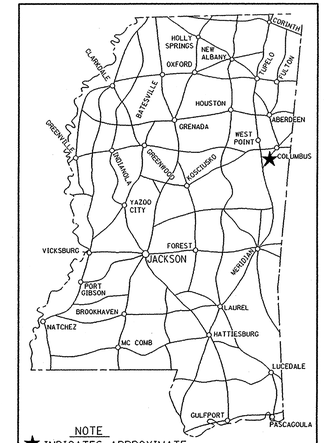
NONE

CONVENTIONAL SYMBOLS

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

LENGTH DATA

LENGTH OF ROADWAY	△1 33595.790 FT.	6.363 MI. △1
LENGTH OF BRIDGES	△1 827.210 FT.	0.157 MI. △1
LENGTH OF PROJECT (NET)	△1 34423.000 FT.	6.520 MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)	△1 34423.000 FT.	6.520 MI.



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 33°23' LONG. 88°31'
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

70 MPH = V (SPEED DESIGN)

ADT (2004) = 7600 : ADT (2024) = 13,800

DHV = 1400 : D = 50 % T= 20 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	Y	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	Y	Y
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 2905) △2
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 3607) △2
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: JGR DATE: 01/07/09

DATE	REVISED	BY
8/2010	REVISED PROJ. NUMBERS & PERMIT BLK.	TRD
10/2008	REVISED BRIDGE STATIONS	TRD

REVISIONS

APPROVED:
CHIEF ENGINEER 1/7/09 DATE
EXECUTIVE DIRECTOR 1/7/09 DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

97

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

1 st O. REV.

STATE	PROJECT NO.
MISS.	NH-0002-04(041)

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)	DI-BR	4
GENERAL NOTES	GN-1	5
TYPICAL SECTIONS (3)		
TYPICAL SECTION - OVERLAY SECTION & NEW CONSTRUCTION (MAINLINE)	TS-1	6
TYPICAL SECTION - LOCAL ROADS	TS-2	7
TYPICAL SECTION - CROSS OVERS	TS-3	8
QUANTITY SHEETS (4)		
SUMMARY OF QUANTITIES	SQ-1	9
SUMMARY OF QUANTITIES	SQ-2	10
SUMMARY OF QUANTITIES	SQ-3	11
SUMMARY OF QUANTITIES (BRIDGE)	SQ-BR	12
ESTIMATED QUANTITIES (7)		
ESTIMATED QUANTITIES	EQ-1	13
ESTIMATED QUANTITIES	EQ-2	14
ESTIMATED QUANTITIES	EQ-3	15
ESTIMATED QUANTITIES	EQ-4	16
ESTIMATED QUANTITIES	EQ-5	17
ESTIMATED QUANTITIES TRAFFIC CONTROL SIGNS	TCPQ-1	18
ESTIMATED QUANTITIES TRAFFIC (BRIDGE ITEMS)	EQ-BR	19
PLAN & PROFILE SHEETS (17)		
MAINLINE - STA. 265+77.00 TO STA. 270+00.00	WK 3	20
MAINLINE - STA. 270+00.00 TO STA. 300+00.00	WK 4	21
MAINLINE - STA. 300+00.00 TO STA. 330+00.00	WK 5	22
MAINLINE - STA. 330+00.00 TO STA. 360+00.00	WK 6	23
LOCAL ROAD - STA. 1+00.00 TO STA. 16+00.00	WK 6A	24
MAINLINE - STA. 360+00.00 TO STA. 390+00.00	WK 7	25
MAINLINE - STA. 390+00.00 TO STA. 420+00.00	WK 8	26
LOCAL ROAD - STA. 28+00.00 TO STA. 32+80.84	WK 8A	27
MAINLINE - STA. 420+00.00 TO STA. 450+00.00	WK 9	28
MAINLINE - STA. 450+00.00 TO STA. 480+00.00	WK 10	29
MAINLINE - STA. 480+00.00 TO STA. 510+00.00	WK 11	30
MAINLINE - STA. 510+00.00 TO STA. 540+00.00	WK 12	31
LOCAL ROAD - STA. 20+00.00 TO STA. 27+90.92	WK 12A	32
MAINLINE - STA. 540+00.00 TO STA. 570+00.00	WK 13	33
MAINLINE - STA. 570+00.00 TO STA. 600+00.00	WK 14	34
LOCAL ROAD - STA. 30+00.00 TO STA. 43+23.53	WK 14A	35
MAINLINE - STA. 600+00.00 TO STA. 610+00.00	WK 15	36
SPECIAL DESIGN SHEETS (65) 2		
INTERSECTION DETAIL - MAINLINE STA. 337+04.72	ID-1	37
INTERSECTION DETAIL - MAINLINE STA. 337+04.72	ID-2	38
INTERSECTION DETAIL - MAINLINE STA. 391+25.42	ID-3	39
INTERSECTION DETAIL - MAINLINE STA. 417+97.70	ID-4	40
INTERSECTION DETAIL - MAINLINE STA. 487+73.62	ID-5	41
INTERSECTION DETAIL - MAINLINE STA. 529+19.22	ID-6	42
INTERSECTION DETAIL - MAINLINE STA. 592+00	ID-7	43
VEGETATION SCHEDULE	VS-1	44
TRAFFIC CONTROL CONSTRUCTION SIGNS	TC-1	45
TRAFFIC CONTROL LOCATION OF R16-3 SIGNS	TC-2	46
TRAFFIC CONTROLLOCAL ROADS & RAMPS	TC-3	47
BASIC CULVERT DRAWING - DOUBLE CELL, HEIGHT 4 FT. TOTAL SPAN 8 - 24 FT.	SD-IBD-4-2W	48
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, DOUBLE CELL, HEIGHT 4 - 12 FT., TOTAL SPANS 8 - 24 FT, SHEET 1 OF 2	SD-IWD-3	49
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING, DOUBLE CELL, HEIGHT 4 - 12 FT., TOTAL SPANS 8 - 24 FT, SHEET 2 OF 2	SD-IWD-3A	50

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS - CONTINUED		
BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS	SD-IBJL-1	51
COLLAR DETAILS FOR BOX STRUCTURES	SD-ICJ	52
SKEWED COLLAR DETAILS FOR BOX STRUCTURES	SD-ICJS	53
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 4-12 FT. - SPANS 4-24 FT.	SD-IWS-3	54
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 4-12 FT. - SPANS 4-24 FT.	SD-IWS-3A	55
RIGHT OF WAY MARKERS	RW-1	56
BOX CULVERT BENDING DETAIL	BCB-1	57
TYPICAL TEMPORARY EROSION CONTROL (TYPE "D" SILT BASIN)	TEC-D	58
PRELIMINARY EROSION CONTROL PLAN - BOP TO STA. 270+00	ECP3	59 2
PRELIMINARY EROSION CONTROL PLAN - STA. 270+00 TO STA. 300+00	ECP4	60 2
PRELIMINARY EROSION CONTROL PLAN - STA. 300+00 TO STA. 330+00	ECP5	61 2
PRELIMINARY EROSION CONTROL PLAN - STA. 330+00 TO STA. 360+00	ECP6	62 2
PRELIMINARY EROSION CONTROL PLAN - STA. 360+00 TO STA. 390+00	ECP7	63 2
PRELIMINARY EROSION CONTROL PLAN - STA. 390+00 TO STA. 420+00	ECP8	64 2
PRELIMINARY EROSION CONTROL PLAN - STA. 420+00 TO STA. 450+00	ECP9	65 2
PRELIMINARY EROSION CONTROL PLAN - STA. 450+00 TO STA. 480+00	ECP10	66 2
PRELIMINARY EROSION CONTROL PLAN - STA 480+00 TO STA. 510+00	ECP11	67 2
PRELIMINARY EROSION CONTROL PLAN - STA. 510+00 TO STA. 540+00	ECP12	68 2
PRELIMINARY EROSION CONTROL PLAN - STA. 540+00 TO STA. 570+00	ECP13	69 2
PRELIMINARY EROSION CONTROL PLAN - STA. 570+00 TO STA. 600+00	ECP14	70 2
PRELIMINARY EROSION CONTROL PLAN - STA. 600+00 TO EOP	ECP15	71 2
PRELIMINARY EROSION CONTROL PLAN - BRIDGE AT STA. 359+29.18 LT LN	ECP-BR1	72 2
PRELIMINARY EROSION CONTROL PLAN - BRIDGE AT STA. 359+29.18 LT LN	ECP-BR2	73 2
PRELIMINARY EROSION CONTROL PLAN - BRIDGE AT STA. 497+59.21 LT LN	ECP-BR3	74 2
PRELIMINARY EROSION CONTROL PLAN - BRIDGE AT STA. 497+59.21 LT LN	ECP-BR4	75 2
PRELIMINARY EROSION CONTROL PLAN - BRIDGE AT STA. 599+88.88 LT LN	ECP-BR5	76 2
PRELIMINARY EROSION CONTROL PLAN - BRIDGE AT STA. 599+88.88 LT LN	ECP-BR6	77 2
		2
TEMPORARY TYPICAL EROSION/SEDIMENT CONTROL APPLICATIONS	ECD-1	78 2
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	79 2
DETAILS OF SILT FENCE INSTALLATION	ECD-3	80 2
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	81 2
TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES	ECD-5	82 2
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	83 2
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	84 2
ROCK DITCH CHECK	ECD-8	85 2
ROCK DITCH CHECK WITH SUMP EXCAVATION	ECD-9	86 2
INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS	ECD-10	87 2
INLET PROTECTION DETAILS FOR COARSE AGGRECATE ON GRADES & SAGS	ECD-11	88 2
INLET PROTECTION DETAILS OF WATTLES	ECD-12	89 2
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-13	90 2
INLET PROTECTION DETAILS OF SAND BAG	ECD-14	91 2
STABILIZED CONSTRUCTION ENTRANCE	ECD-15	92 2
TEMPORARY CULVERT STREAM CROSSING	ECD-16	93 2
TEMPORARY STREAM DIVERSION	ECD-17	94 2
TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-18	95 2
FLOATING TURBIDITY CURTAIN	ECD-19	96 2
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-20	97 2

CONTINUED NEXT SHEET

BOGGAN

PS & E PLANS - 1-14-2009		
FMS CON. # 102090/301000		
REVISIONS		
DATE	SHEET NO.	BY
2-17-09	9, 10, 21, 22 & 23	TAD
2-23-09	9	TAD
10-27-09	2, 3, 5, 8, 9, 10, 11, 12, 13, 18, 19, 20, 23, 29, 30, 32, 34, 36, 37, 38, 39, 40, 41, 42, 43, 45, & 47	TAD
2-11-10	2, 3, 9, 11, 13, 14, 20, 21, 22, 23, 24, 27, 28, 29, 30, 31, 33, 34, 35, 36, & 59-101	TAD
7-1-10	7, 8, 9, 11, 13, & 44	TAD
8-20-10	2, 2, 4, 5, 9, 10, 11, 13, 14, 18, 20, 21, 25 & 39	TAD

97

DATE	REVISION	BY
8/20/10	REVISED PROJECT NUMBER	TAD
2/11/10	ADDED SHEETS	TAD
10/27/09	ADDED REVISION DATE	TAD

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. NH-0002-04(041) 3
COUNTY : LOWNDES

WORKING NUMBER: DI-1

FILENAME: DI.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

SHEET NUMBER 2

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/19/2010 9:39 AM DI.DGN

1 st O. REV.

STATE	PROJECT NO.
MISS.	NH-0002-04(036)

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS - CONTINUED			
DETAILS OF TYPICAL DITCH TREATMENTS		DT-1	98 △2
DITCH TREAMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT		DT-1A	99 △2
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN & TYPE A SILT BASIN)		TEC-2	100 △2
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE D SILT BASIN)		TEC-D	101 △2
STANDARD DRAWINGS - ROADWAY SHEETS (26) OCT. 1, 1998 VERSION			
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 (SILT FENCE, HAY BALES & BRUSH BARRIER)		TEC-1	142
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)		TEC-3	144 △2
FENCE: WOVEN WIRE - TIMBER POSTS		WW-1	160
FENCE: WOVEN WIRE - CONCRETE POSTS		WW-2	161
FENCE: TYPICAL INSTALLATION AT DITCH CROSSINGS AND FENCE ENDINGS		FI-3	166
FENCE: ALUMINUM OR GALVANIZED FERROUS METAL GATE		AG-1	167
GUARD RAIL : (TEMPORARY): TYPICAL INSTALLATION AT BRIDGE END DURING CONSTRUCTION PHASES △1	03-01-02	TGR-2	200 △1
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE 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 △1	12-01-99	TCP-11	260 △1
TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS		TCP-14	263
RURAL DRIVEWAYS		RD-1	271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	272
SIGHT FLARES △1	12-01-99	SF-1	273 △1
SPUR DIKE : EARTH △1	12-01-99	ED-1	274 △1
SUPERELEVATION TRANSITION - CASE I (2% NORMAL SUBGRADE) △1	03-01-02	SE-2A	276 △1
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT			
2. EXCAVATION AT GRADE POINTS		MDS-1	290
PIPE CULVERT INSTALLATION		PI-1	300
BRANCH CONNECTIONS		BC-1	305
MEDIAN INLET (FLUSH WITH DITCH PLUG)		MI-4A	313
DETAILS OF GRATES FOR MEDIAN INLETS		IG-1	314
PAVED INLET APRON AND MEDIAN DITCH PLUG		PA-1	318
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328
FLARED END SECTION FOR CONCRETE ARCH PIPE		FE-1A	329
STANDARD DRAWINGS - BRIDGE SHEETS (8)			
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 6 FT. - SPANS - 6-20 FT. △1	07-17-98	IBS-6-2W	370.1 △1
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 6 FT. - SPANS - 6-20 FT.		IBS-6-2W	370.2
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 8 FT. - SPANS - 8-20 FT.		IBS-8-2W	371.1
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 8 FT. - SPANS - 8-20 FT.		IBS-8-2W	371.2
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 △1	07-17-98	ISK-15-3W	397.2 △1
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 - SINGLE & DOUBLE CELL CULVERTS		ISK-30-3W	400.2
CROSS SECTIONS (94)			901-994
TOTAL SHEETS (229) △2			

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.

DATE	REVISION	BY
2/11/10	ADDED SHEETS △2	TAD
08/27/09	ADDED REVISION DATE △1	TAD

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. NH-0002-04(036)
COUNTY : LOWNDES

FILENAME: DI.DGN
DESIGN TEAM ____ CHECKED ____ DATE ____

WORKING NUMBER DI-2
SHEET NUMBER 3

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

2/12/2010 9:35 AM DI.DGN

STATE	PROJECT NO.
MISS.	NH-0002-04(036)

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 359+29.18 LT. LN. US 45 OVER MAGOWAH CREEK	A1 OF 22	466
BRIDGE AT STA. 359+29.18 LT. LN. US 45 OVER MAGOWAH CREEK	A2 OF 22	467
GENERALIZED SOIL PROFILE	A3 OF 22	468
END BENT NO. 1L DETAILS	A4 OF 22	469
END BENT NO. 7L DETAILS	A5 OF 22	470
END BENT DETAILS	A6 OF 22	471
INT. BENTS NO. 2L, 3L, & 6L DETAILS	A7 OF 22	472
INT. BENT NO. 4L DETAILS	A8 OF 22	473
INT. BENT NO. 5L DETAILS	A9 OF 22	474
40 FT. SPAN DETAILS SPANS NO. 1L, 2L, & 3L	A10 OF 22	475
40 FT. SPAN DETAILS SPANS NO. 1L, 2L, & 3L	A11 OF 22	476
40 FT. SPAN DETAILS	A12 OF 22	477
100 FT. SPAN DETAILS SPAN NO. 4L	A13 OF 22	478
100 FT. SPAN DETAILS SPAN NO. 4L	A14 OF 22	479
100 FT. SPAN DETAILS	A15 OF 22	480
40 FT. SPAN DETAILS SPANS NO. 5L & 6L	A16 OF 22	481
40 FT. SPAN DETAILS SPANS NO. 5L & 6L	A17 OF 22	482
MISCELLANEOUS SPAN DETAILS	A18 OF 22	483
RAILING DETAILS	A19 OF 22	484
40 FT. BEAM DETAILS (END SPAN) - BEAM 40-1 (TYPE 1+2)	A20 OF 22	485
40 FT. BEAM DETAILS (INT. SPAN) - BEAM 40-2 (TYPE 1+2)	A21 OF 22	486
100 FT. BEAM DETAILS (INT. SPAN) - BEAM 100-1 THRU 100-4 (TYPE IV)	A22 OF 22	487

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 497+59.21 LT. LN. US 45 OVER GILMER CREEK	B1 OF 20	488
BRIDGE AT STA. 497+59.21 LT. LN. US 45 OVER GILMER CREEK	B2 OF 20	489
GENERALIZED SOIL PROFILE	B3 OF 20	490
END BENT NO. 1L DETAILS	B4 OF 20	491
END BENT NO. 5L DETAILS	B5 OF 20	492
END BENT DETAILS	B6 OF 20	493
INT. BENT NO. 2L DETAILS	B7 OF 20	494
INT. BENT NO. 3L DETAILS	B8 OF 20	495
INT. BENT NO. 4L DETAILS	B9 OF 20	496
40 FT. SPAN DETAILS SPANS NO. 1L & 2L	B10 OF 20	497
40 FT. SPAN DETAILS SPANS NO. 1L & 2L	B11 OF 20	498
80 FT. SPAN DETAILS SPAN NO. 3L	B12 OF 20	499
80 FT. SPAN DETAILS	B13 OF 20	500
40 FT. SPAN DETAILS SPAN NO. 4L	B14 OF 20	501
40 FT. SPAN DETAILS SPAN NO. 4L	B15 OF 20	502
MISCELLANEOUS SPAN DETAILS	B16 OF 20	503
RAILING DETAILS	B17 OF 20	504
40 FT. BEAM DETAILS (END SPAN) - BEAM 40-3 (TYPE 1+2)	B18 OF 20	505
80 FT. BEAM DETAILS (INT. SPAN) - BEAM 80-1 (TYPE III)	B19 OF 20	506
40 FT. BEAM DETAILS (END SPAN) - BEAM 40-4 (TYPE 1+2)	B20 OF 20	507

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 599+88.88 LT. LN. US 45 OVER MOTLEY SLOUGH	C1 OF 24	508
BRIDGE AT STA. 599+88.88 LT. LN. US 45 OVER MOTLEY SLOUGH	C2 OF 24	509
GENERALIZED SOIL PROFILE	C3 OF 24	510
END BENT NO. 1L DETAILS	C4 OF 24	511
END BENT NO. 7L DETAILS	C5 OF 24	512
END BENT DETAILS	C6 OF 24	513
INT. BENTS NO. 2L, 3L, & 6L DETAILS	C7 OF 24	514
INT. BENT NO. 4L DETAILS	C8 OF 24	515
INT. BENT NO. 5L DETAILS	C9 OF 24	516
40 FT. SPAN DETAILS SPANS NO. 1L & 2L	C10 OF 24	517
40 FT. SPAN DETAILS SPANS NO. 1L & 2L	C11 OF 24	518
40 FT. SPAN DETAILS SPAN NO. 3L	C12 OF 24	519
40 FT. SPAN DETAILS SPAN NO. 3L	C13 OF 24	520
40 FT. SPAN DETAILS	C14 OF 24	521
100 FT. SPAN DETAILS SPAN NO. 4L	C15 OF 24	522
100 FT. SPAN DETAILS SPAN NO. 4L	C16 OF 24	523
100 FT. SPAN DETAILS	C17 OF 24	524
40 FT. SPAN DETAILS SPANS NO. 5L & 6L	C18 OF 24	525
40 FT. SPAN DETAILS SPANS NO. 5L & 6L	C19 OF 24	526
MISCELLANEOUS SPAN DETAILS	C20 OF 24	527
RAILING DETAILS	C21 OF 24	528
40 FT. BEAM DETAILS (END SPAN) - BEAM 40-5 (TYPE 1+2)	C22 OF 24	529
40 FT. BEAM DETAILS (INT. SPAN) - BEAM 40-6 (TYPE 1+2)	C23 OF 24	530
100 FT. BEAM DETAILS (INT. SPAN) - BEAM 100-5 THRU 100-11 (TYPE IV)	C24 OF 24	531

BRIDGE DIVISION REVISIONS		
DATE	SHEET NO.	BY
10/27/09	488	RKA
7/7/10	469-471	RKA
7/7/10	491-493	RKA
7/7/10	511-513	RKA

DATE	REVISIONS	BY
8/20/10	Corrected Upper Right Corner Block	RKA

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX
(BRIDGE)

PROJECT 102090/301000
NH-0002-04(036)

LOWNDES COUNTY

WORKING NUMBER DI-BR

DESIGNED RKA DETAILED RKA TRACED CADD
CHECKED BJJ ISSUED MKC DATE 1/16/2009

SHEET NUMBER 4

1 st O. REV.

STATE	PROJECT NO.
MISS.	NH-0002-04(036)

GENERAL NOTES

1. LIST OF PUBLIC UTILITIES:
   A. SOUTH CENTRAL BELL TELEPHONE COMPANY
   B. FOUR COUNTY ELECTRIC POWER ASSOCIATION

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. 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.

5. ALL EXISTING HEADWALLS, CULVERT PIPES, OR OTHER OBSTRUCTIONS NOT COVERED BY A SPECIFIC PAY ITEM, 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)

6. 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.

7. 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.

8. WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURING DURING EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSILBILITY 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 STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

⚠

10. 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.

11. 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

12. EXISTING RIP RAP TO BE SHAPED AS DIRECTED BY THE ENGINEER. (COST ABSORBED)

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

⚠ 14. ANY REFERENCE TO PROJECT NUMBER NH-0002-04(036) IS TO BE UNDERSTOOD THAT NH-0002-04(041) IS THE CORRECT PROJECT NUMBER.

DATE	REVISION	BY
8/20/10	DELETED & ADDED NOTES	TAD

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO.: NH-0002-04(036)
COUNTY : LOWNDES

FILENAME: di.dgn
DESIGN TEAM BOGGAN CHECKED DATE

WORKING NUMBER GN-1
SHEET NUMBER 5

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/12/2010 2:06 PM DI.DGN