GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP–0044–02(018)	1

STATE OF MISSISSIPPI

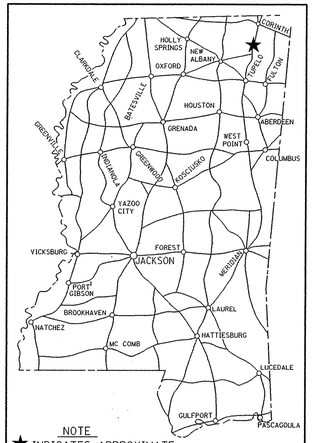
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP–0044–02(018)

① 07-16-09

S.R. 30 FROM U.S. 45 TO EXISTING S.R. 30
EAST OF BOONEVILLE (BOONEVILLE BYPASS)
PRENTISS COUNTY

FMS CON: 101800/302000



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34°37′ LONG. 88°32′
(APPROX. MIDDLE OF PROJECT)

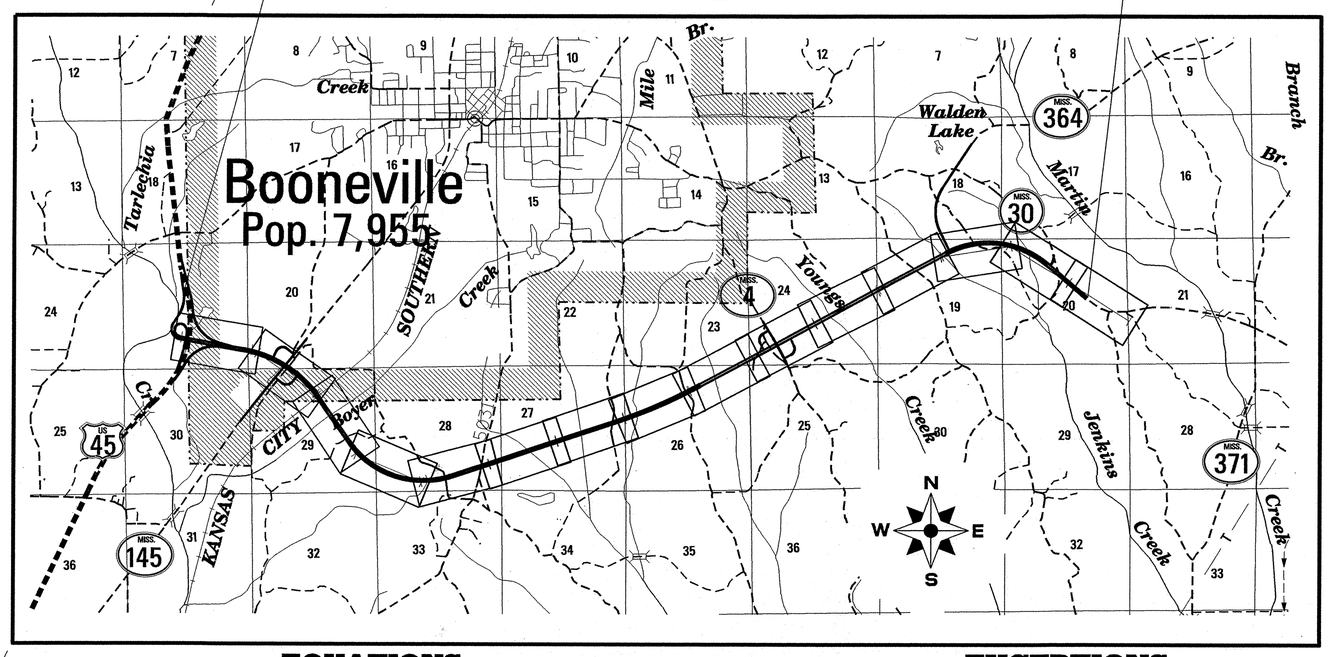
SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 3000 FT.

TO CORINTH

B.O.P. STA. 74+02.16

E.O.P. STA. 523+27.964



TO TUPELO

BRIDGE STRUCTURES REQ'D.

LT. & RT. LANES
STA. 98+18.83 TO STA. 101+81.17
SPANS: 4 @ 90′
LENGTH: 362.33′ ALONG ℄
SKEW: 0°

BOX BRIDGE'S REQ'D.

NONE

EQUATIONS

NONE

EXCEPTIONS

NONE

DESIGN CONTROL

70 MPH = V (SPEED DESIGN)

ADT (2010) = 7,000 : ADT (2030) = 10,000

DHV = 1,100 : D = 550 % T= 13 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	N	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 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: SCR DATE: 07/16/09

ACCESS CONTROL

(a) NOTE: THIS PROJECT IS DECLARED BY THE MISSISSIPPI TRANSPORTATION COMMISSION TO BE A TYPE 1 CONTROLLED ACCESS FACILITY FROM STA. 675+87 TO STA. 750+83, STA. 100+00 TO STA. 165+26 AND A TYPE 2B CONTROLLED ACCESS FACILITY FROM STA. 165+26 TO STA. 513+50, AS DEFINED IN AND SUBJECT TO ALL RESTRICTION SHOWN BY ORDER OF SAID COMMISSION DATED 22nd DAY OF OCTOBER, 2002 IN MINUTE BOOK 9, PAGES 1189 AND 1190, AND AUTHORIZED UNDER SECTION 65–1–10(1) MCA (1972, AS AMENDED).

(b) NOTE: ACCESS TO AND EXIT FROM THIS HIGHWAY WILL BE PERMITTED ONLY THROUGH INTERCHANGE OR SUCH OTHER POINTS AS MAY BE ESTABLISHED BY PUBLIC AUTHORITY AND AS SHOWN ON THE PLANS.

104

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	44,563.554 FT.	8.440 MI.
LENGTH OF BRIDGES	362.33 FT.	0.068 MI.
LENGTH OF PROJECT (NET)	44,925.804	8.508 MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)	44,925.804	8.508 MI.

REVISIONS: BY / DATE

APPROVED:
CHIEF ENGINEER — DATE 7/16/09
EXECUTIVE DIRECTOR — DATE 7/16/09
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR — DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

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

1 st O. REV.

STATE	PROJECT NO.
MISS.	STP-0044-02(018)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
TITLE SHEET (1)			1
DETAILED INDEX & GENERAL NOTES (5)			
DETAILED INDEX		DI-1	2
DETAILED INDEX		DI-2	3
DETAILED INDEX		DI-3	4
DETAILED INDEX (BRIDGE)		DI-BR	5
GENERAL NOTES		GN-1	6
TYPICAL SECTIONS (16)			
TYPICAL SECTION		TS-1	7
TYPICAL SECTION		TS-2	8
TYPICAL SECTION		TS-3	9
TYPICAL SECTION		TS-4	10
TYPICAL SECTION		TS-5	11
TYPICAL SECTION		TS-6	12
TYPICAL SECTION		TS-7	13
TYPICAL SECTION		TS-8	14
TYPICAL SECTION		TS-9	15
TYPICAL SECTION		TS-10	16
TYPICAL SECTION		TS-11	17
TYPICAL SECTION		TS-12	18
TYPICAL SECTION		TS-13	19
TYPICAL SECTION		TS-14	20
TYPICAL SECTION		TS-15	21
TYPICAL SECTION		TS-16	22
TYPICAL SECTION			
QUANTITY SHEETS (5)			
SUMMARY OF QUANTITIES		SQ-1	23
SUMMARY OF QUANTITIES		SQ-2	24
SUMMARY OF QUANTITIES		SQ-3	25
SUMMARY OF QUANTITIES		SQ-4	26
SUMMARY OF QUANTITIES (BRIDGE)		SQ-BR	27
ESTIMATED QUANTITIES (8)			
ESTIMATED QUANTITIES		EQ-1	28
ESTIMATED QUANTITIES		EQ-2	29
ESTIMATED QUANTITIES		EQ-3	30
ESTIMATED QUANTITIES		EQ-4	31
ESTIMATED QUANTITIES		EQ-5	32
ESTIMATED QUANTITIES		EQ-6	33
ESTIMATED QUANTITIES TRAFFIC CONTROL SIGNS		EQ-7	34
ESTIMATED QUANTITIES TRAFFIC (BRIDGE ITEMS)		EQ-BR	35
PLAN & PROFILE SHEETS (46)			
NW RAMP - STA. 74+02.16 TO STA. 98+18.88		WK 3	36
MAINLINE - STA. 100+00.00 TO STA. 130+00.00		WK 4	37
EXIST. HWY. 45 STA. 675+00 TO STA. STA. 702+00		WK 4A	38
EXIST. HWY. 45 STA. 702+00 TO STA. STA. 732+00		WK 4B	39
SE RAMP - STA. 93+66.22 TO STA. 113+31.88		WK 4C	40
NE RAMP STA. 3+09.975 TO STA. 22+14.087		WK 4D	41
NW LOOP - STA. 83+98.78 TO STA. 96+98.27		WK 4E	42
INTERCHANGE LAYOUT - HWYS. 45 & 30		WK 4F	43
MAINLINE - STA. 130+00.00 TO STA. 160+00.00		WK 5	44
HWY. 145 - STA. 1410+00 TO STA. 1438+00		WK 5A	45
HWY. 145 - SE RAMP		WK 5B	46
HWY. 145 - NW RAMP		WK 5C	47
MEDIAN CONNECTION - STA. 1+00 TO STA. 16+68.729		WK 5D	48
MAINLINE - STA. 160+00.00 TO STA. 190+00.00		WK 6	49
CO. RD. 5010 - STA. 4+00 TO STA. 22+50		WK 6A	50

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
MAINLINE - STA. 190+00.00 TO STA. 220+00.00		WK 7	51
MAINLINE - STA. 220+00.00 TO STA. 250+00.00		WK 8	52
CO. RD. 5008 - STA. 26+73.530 TO STA. 43+24.989		WK 8A	53
MEADOW CREEK RD. - STA. 23+54.980 TO STA. 47+02.628		WK 8B	54
MAINLINE - STA. 250+00.00 TO STA. 280+00.00		WK 9	55
MAINLINE - STA. 280+00.00 TO STA. 310+00.00		WK 10	56
CO. RD. 5061 - STA. 20+03.310 TO STA. 38+79.062		WK 10A	57
MAINLINE - STA. 310+00.00 TO STA. 340+00.00		WK 11	58
CO. RD. 5051 - STA. 21+05.890 TO STA. 37+83.079		WK 11A	59
MAINLINE - STA. 340+00.00 TO STA. 370+00.00		WK 12	60
FRONTAGE RD. @ STA. 363+00 RT. - STA. 59+93.222 TO STA. 70+00.000		WK 12A	61
MAINLINE - STA. 370+00.00 TO STA. 400+00.00		WK 13	62
HWY. 4 REALIGNMENT - STA. 15+00.00 TO STA. 46+00.00		WK 13A	63
HWY. 4 - NW RAMP		WK 13B	64
HWY. 4 - SE RAMP		WK 13C	65
FRONTAGE RD. - HWY. 4 REALIGN. @ STA. 28+39.000		WK 13D	66
MAINLINE - STA. 400+00.00 TO STA. 430+00.00		WK 14	67
FRONTAGE RD. @ STA. 400+17.21 - STA. 8+67.140 TO STA. 12+40.749		WK 14A	68
MAINLINE - STA. 430+00.00 TO STA. 460+00.00		WK 15	69
CO. RD. 3101 - STA. 13+74.930 TO STA. 41+75.000		WK 15A	70
MAINLINE - STA. 460+00.00 TO STA. 490+00.00		WK 16	71
HWY. 364 - STA. 100+00.00 TO STA. 130+00.00		WK 16A	72
HWY. 364 - STA. 130+00.00 TO STA. 139+37.00		WK 16B	73
EXISTING HWY. 30		WK 16C	74
CO. RD. 3121 - STA. 28+26.33 TO STA. 42+99.98		WK 16D	75
MAINLINE - STA. 490+00.00 TO STA. 520+00.00		WK 17	76
FRONTAGE RD. @ STA. 494+00 - STA. 6+00.825 TO STA. 17+52.955		WK 17A	77
CO. RD. 3121 - STA. 30+41.848 TO STA. 38+75.17		WK 17B	78
EXISTING HWY. 30 - STA. 341+23.83 TO STA. 350+23.645		WK 17C	79
CO. RD. @ STA. 517+50 - STA. 20+00.00 TO STA. 29+86		WK 17D	80
MAINLINE - STA. 520+00.00 TO STA. 523+27.964		WK 18	81
SPECIAL DESIGN SHEETS (94)			
VEGETATION SCHEDULE		VS-1	82
INSTALLATION DETAIL FOR SOIL REINFORCING MAT		DT-1A	83
MISCELLANEOUS DETAIL SHEET		MDS-1	84
RIGHT OF WAY MARKER		RW-1	85
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN)		TEC-D	86
GUARD RAIL : RUB RAIL HARDWARE SHEET		GR-RR	87
GUARD RAIL : BRIDGE END SECTION TYPE "I" (WOOD POSTS)	03-01-02	GR-2F	88
GUARD RAIL : BRIDGE END SECTION TYPE "I" (STEEL POSTS)		GR-2G	89
32" BRIDGE END PAVEMENT RAIL	⚠09-19-07	BEPR-1	90
BRIDGE END PAVEMENT WITH RAIL	⚠01-05-09	BE-1A	91
SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE		SDRO-1	92
SUPERELEVATION RUNOFF CASE II ROTATION ABOUT EDGE OF TRAVEL WAY		SDRO-2	93
SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)		SDSE-2A	94
SUPERELEVATION CASE II ROTATION ABOUT EDGE OF TRAVEL WAY (2% NORMAL SUBGRADE)		SDSE-2C	95
IBS CULVERS MODIFIED FOR HIGH COVER - WINGS WITH 3:1 SLOPE		SD-IBSM-3W	96
BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS		SD-IBJL-1	97
COLLAR DETAILS FOR BOX STRUCTURES (SINGLE, DOUBLE, & QUADRUPLE)		SD-ICJ-1	98
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE		TCP-SC	99
DETAILS OF RUMBLE STRIPS (GROUND-IN)		RS-1	100
SPECIAL DESIGN: RUMBLE STRIPS (GROUND-IN) FOR 4 LANE DIVIDED ROADWAYS WITH 2-FOOT PAVED SHOULDER		RS-1A	100.1
RIGHT OF WAY MARKERS		RWM-1	100.2

DOVER

PS & E PLANS - 7-16-09		
FMS CON. # 101800/302000		
REVISIONS		
DATE	SHEET NO.	BY
8/20/09	3, 4, 6, 18, 23, 24, 25, 26, 28, 29, 30, 31, 32, 33, 36, 37, 44, 46, 47, 65, 73, 76, 77, 79, 100.3, 100.4, 100.5, 100.6, 100.11, 100.12, 100.13, 100.14, 100.15, 100.21, 100.35, 100.42, & 100.63	TAD

104

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO.: STP-0044-02(018)
COUNTY : PRENTISS

REVISION | BY | DATE

FILENAME: di.dgn
DESIGN TEAM BOGGAN CHECKED DATE

WORKING NUMBER DI-1
SHEET NUMBER 2

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/20/2009 3:16 PM DI.DGN

1 st O. REV.

STATE	PROJECT NO.
MISS.	STP-0044-02(018)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
INTERSECTION DETAIL - HWY. 145 NW RAMP - 1 OF 2	ID-1	100.3
INTERSECTION DETAIL - HWY. 145 NW RAMP - 2 OF 2	ID-2	100.4
INTERSECTION DETAIL - HWY. 145 SE RAMP - 1 OF 2	ID-3	100.5
INTERSECTION DETAIL - HWY. 145 SE RAMP - 2 OF 2	ID-4	100.6
INTERSECTION DETAIL - CO. RD. 5010 - REALIGNMENT	ID-5	100.7
INTERSECTION DETAIL - CO. RD. 5008 - REALIGNMENT	ID-6	100.8
INTERSECTION DETAIL - MEADOW CREEK RD. - REALIGNMENT	ID-7	100.9
INTERSECTION DETAIL - CO. RD. 5061 - REALIGNMENT	ID-8	100.10
INTERSECTION DETAIL - CO. RD. 5051 - REALIGNMENT	ID-9	100.11
INTERSECTION DETAIL - HWY. 4 NW RAMP - 1 OF 2	ID-10	100.12
INTERSECTION DETAIL - HWY. 4 NW RAMP - 2 OF 2	ID-11	100.13
INTERSECTION DETAIL - HWY. 4 SE RAMP - 1 OF 2	ID-12	100.14
INTERSECTION DETAIL - HWY. 4 SE RAMP - 2 OF 2	ID-13	100.15
INTERSECTION DETAIL - CO. RD. 3101 - REALIGNMENT	ID-14	100.16
INTERSECTION DETAIL - PROPOSED MS 364	ID-15	100.17
INTERSECTION DETAIL - CO. RD. 3121 - REALIGNMENT	ID-16	100.18
INTERSECTION DETAIL - HWY. 30 - REALIGNMENT	ID-17	100.19
INTERSECTION DETAIL - LOC. RD. @ HWY. 30 - STA. 517+50	ID-18	100.20
INTERSECTION DETAIL - HWY.364 @ EXISTING HWY. 30	ID-19	100.21
TRAFFIC CONTROL CONSTRUCTION SIGNS	TC-1	100.22
TRAFFIC CONTROL CONSTRUCTION SIGNS	TC-2	100.23
TRAFFIC CONTROL CONSTRUCTION SIGNS	TC-3	100.24
TRAFFIC CONTROL CONSTRUCTION SIGNS	TC-4	100.25
TRAFFIC CONTROL LOCAL ROADS & HWY. 364	TC-5	100.26
TRAFFIC CONTROL LOCAL ROADS	TC-6	100.27
TRAFFIC CONTROL - EXISTING HWY. 45	TC-7	100.28
TRAFFIC CONTROL - EXISTING HWY. 45	TC-8	100.29
TRAFFIC CONTROL - EXISTING HWY. 45	TC-9	100.30
TRAFFIC CONTROL - HWY. 145	TC-10	100.31
TRAFFIC CONTROL - HWY. 4	TC-11	100.32
TRAFFIC CONTROL - R16-3	TC-12	100.33
PERMANENT PAV'T. MARKING - HWY. 45 & SE RAMP	PPM-1	100.34
PERMANENT PAV'T. MARKING - HWY. 45 & 30, NW LOOP & NE RAMP	PPM-2	100.35
PERMANENT PAV'T. MARKING - HWY 45, NW & NE RAMP	PPM-3	100.36
PERMANENT PAV'T. MARKING - NW LOOP & RAMP	PPM-4	100.37
PERMANENT PAV'T. MARKING - SE & NE RAMPS	PPM-5	100.38
PERMANENT PAV'T. MARKING - HWY. 30, SE & NE RAMPS	PPM-6	100.39
PERMANENT PAV'T. MARKING - HWY. 30, SE & NE RAMPS	PPM-7	100.40
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 130+00 TO 145+00	PPM-8	100.41
PERMANENT PAV'T. MARKING - HWY. 145	PPM-9	100.42
PERMANENT PAV'T. MARKING - HWY. 145	PPM-10	100.43
PERMANENT PAV'T. MARKING - HWY. 145 - NW LOOP	PPM-11	100.44
PERMANENT PAV'T. MARKING - HWY. 145 - SE LOOP	PPM-12	100.45
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 145+00 TO 160+00	PPM-13	100.46
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 160+00 TO 175+00	PPM-14	100.47
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 175+00 TO 190+00	PPM-15	100.48
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 220+00 TO 235+00	PPM-16	100.49
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 242+00 TO 258+00	PPM-17	100.50
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 298+00 TO 313+00	PPM-18	100.51
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 332+00 TO 347+00	PPM-19	100.52
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 358+00 TO 373+00	PPM-20	100.53
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 373+00 TO 384+00	PPM-21	100.54
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 384+00 TO 399+00	PPM-22	100.55
PERMANENT PAV'T. MARKING - HWY. 4	PPM-23	100.56
PERMANENT PAV'T. MARKING - HWY. 4	PPM-24	100.57
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 445+00 TO 460+00	PPM-25	100.58
PERMANENT PAV'T. MARKING - CO. RD. 3101	PPM-26	100.59
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 460+00 TO 472+00	PPM-27	100.60
PERMANENT PAV'T. MARKING - HWY. 364	PPM-28	100.61
PERMANENT PAV'T. MARKING - HWY. 364	PPM-29	100.62
PERMANENT PAV'T. MARKING - HWY. 364	PPM-30	100.63
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 485+00 TO 500+00	PPM-31	100.64
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 500+00 TO 512+00	PPM-32	100.65
PERMANENT PAV'T. MARKING - HWY. 30 - STA. STA. 512+00 TO 523+27	PPM-33	100.66

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
FORM GRADES - HWY. 30 & US 45 INTERCHANGE - NW LOOP & RAMP		FG-1	100.67
FORM GRADES - HWY. 30 & US 45 INTERCHANGE - NW LOOP		FG-2	100.68
FORM GRADES - HWY. 30 & US 45 INTERCHANGE - NW RAMP		FG-3	100.69
FORM GRADES - HWY. 30 & US 45 INTERCHANGE - SE RAMP		FG-4	100.70
FORM GRADES - HWY. 30 & HWY 145 INTERCHANGE - NW RAMP		FG-5	100.71
FORM GRADES - HWY. 30 & HWY 145 INTERCHANGE - SE RAMP		FG-6	100.72
FORM GRADES - HWY. 30 & HWY 4 INTERCHANGE - NW RAMP		FG-7	100.73
FORM GRADES - HWY. 30 & HWY 4 INTERCHANGE - SE RAMP		FG-8	100.74
FORM GRADES - MEADOW CREEK ROAD @ STA. 249+50		FG-9	100.75
STANDARD DRAWINGS - ROADWAY SHEETS (59)⚠			
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	⚠ 12-01-99	PM-1	120
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS (PARALLEL & TAPER)	⚠ 12-01-99	PM-3	122
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS (PARALLEL & TAPER)	⚠ 12-01-99	PM-4	123
PAVEMENT MARKING LEGEND DETAILS		PM-5	124
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
TYPICAL PLACEMENT OF WARNING SIGNS AND PAVEMENT MARKERS			
4-LANE TO 2-LANE TRANSITION AT INTERCHANGE	⚠ 03-01-02	PM-8	127
EROSION CONTROL		EC-1	140
TYPICAL PLANTING DETAILS FOR TREES & SHRUBS		PD-1	141
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES, & BRUSH BARRIER)		TEC-1	142
DETAILS OF DITCH TREATMENT		DT-1	145
GUARD RAIL : "W" BEAM (WOOD POSTS)	⚠ 03-01-02	GR-1	180
GUARD RAIL : THRIE BEAM (WOOD POSTS)	⚠ 03-01-02	GR-1A	181
GUARD RAIL : "W" BEAM (STEEL POSTS)	⚠ 03-01-02	GR-1B	182
GUARD RAIL : MODIFIED THRIE BEAM (STEEL POSTS)	⚠ 03-01-02	GR-1C	183
GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	⚠ 12-01-99	GR-4	194
GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	⚠ 12-01-99	GR-4A	195
GUARD RAIL : MISCELLANEOUS HARDWARE	⚠ 03-01-02	GR-HW	202
TYPICAL GUARD RAIL DELINEATION	⚠ 03-01-02	SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO WAY TRAFFIC)		TCP-1	250
4-LANE TO 2-LANE TRANSITION	⚠ 03-01-02	TCP-6	255
2-LANE TO 4-LANE TRANSITION	⚠ 03-01-02	TCP-7	256
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

104

DATE	REVISION	BY	⚠
8/20/09	ADDED REV. DATES	TAD	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. STP-0044-02(018)
COUNTY : PRENTISS

FILENAME: RWD.CEL
DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER DI-2
SHEET NUMBER 3

MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION PLAN
8/20/2009 3:16 PM DI.DGN

1 st O. REV.

STATE	PROJECT NO.
MISS.	STP-0044-02(018)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
RIGHT OF WAY MARKERS		RW-1	270
RURAL DRIVEWAYS		RD-1	271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	272
SIGHT FLARES	△12-01-99	SF-1	273
SUPERELEVATION TRANSITION - CASE I (2% NORMAL SUBGRADE)	△03-01-02	SE-2A	276
INTERCHANGE DESIGN FOR HIGH SPEED TAPERED EXIT RAMP		IR-1	283
INTERCHANGE DESIGN FOR HIGH SPEED PARALLEL EXIT RAMP	△03-01-02	IR-1A	284
INTERCHANGE DESIGN FOR LOOP ENTRANCE RAMP		IR-2	285
INTERCHANGE DESIGN FOR HIGH SPEED PARALLEL ENTRANCE RAMP	△03-01-02	IR-2A	286
DRIVEWAYS, CURB & GUTTER, & SIDEWALK		SD-1	287
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT			
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
JUNCTION BOX FOR PIPE CULVERTS		JB-1	302
TYPE I MEDIAN INLET (24" PIPE & UNDER)	△03-01-02	MI-1	306
TYPE I MEDIAN INLET (29" - 51" PIPE)		MI-1A	307
MEDIAN INLET FOR BOX CULVERTS (TYPE I& II)		MI-3	311
DETAILS OF GRATES FOR MEDIAN INLETS		IG-1	314
DETAILS OF GRATES FOR GUTTER INLETS		IG-2	315
PAVED INLET APRON AND MEDIAN DITCH PLUG		PA-1	318
STORM SEWER INLET - TYPE SS-2		SS-2	322
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328
FLARED END SECTION FOR CONCRETE ARCH PIPE		FE-1A	329
△ SKEWED COLLAR DETAILS FOR BOX STRUCTURES		ICJS-1	367 △
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
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 10 FT. -			
SPANS - 10-22 FT.		IBS-10-2W	372.1
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 10 FT. -			
SPANS - 10-22 FT.		IBS-10-2W	372.2
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, IBS CULVERTS MODIFIED FOR HIGH COVER			
WINGS WITH 3:1 SLOPE		IBSM-3W	380 △
△ BOX CULVERT DRAWING, IBS CULVERTS MODIFIED FOR HIGH COVER			
WINGS WITH 3:1 SLOPE		IBSM-3W	381 △

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS - BRIDGE (16)			466-481
CROSS SECTIONS (279)			
MAINLINE HWY. 30			901 - 980
HWY. 30 & US 45 INTERCHANGE - NW & NE RAMPS			981 - 982
MAINLINE HWY. 45			983 - 991
HWY. 30 & US 45 INTERCHANGE - NW & NE RAMPS			992 - 998
HWY. 30 & US 45 INTERCHANGE - NE RAMP			999 - 1001
HWY. 30 & US 45 INTERCHANGE - SE RAMP			1002 - 1003
HWY. 145 REALIGNMENT			1004 - 1010
HWY. 145 NORTHWEST LOOP			1011 - 1016
HWY. 145 SOUTHEAST LOOP			1017 - 1022
HWY. 145 DETOUR			1022 - 1031
COUNTY ROAD 5010			1032 - 1041
COUNTY ROAD 5008			1042 - 1048
MEADOW CREEK ROAD			1049 - 1055
COUNTY ROAD 5061			1056 - 1064
COUNTY ROAD 5051			1065 - 1072
FRONTAGE ROAD @ 363+00 HWY. 30			1073 - 1077
HWY. 4 REALIGNMENT			1078 - 1098
HWY. 4 NORTHWEST RAMP			1099 - 1105
HWY. 4 SOUTHEAST RAMP			1106 - 1112
FRONTATGE ROAD @ HWY. 4 NORTHWEST RAMP			1113 - 1114
FRONTAGE ROAD @ 400+00 HWY. 30			1115 - 1116
COUNTY ROAD 3101			1117 - 1134
HWY. 364			1135 - 1148
COUNTY ROAD 3121 REALIGNMENT @ HWY. 364			1149 - 1153
COUNTY ROAD 3121 REALIGNMENT @ HWY. 364			1154 - 1159
FRONTAGE ROAD @ 494+00 HWY. 30			1160 - 1166
COUNTY ROAD 3121 REALIGNMENT @ HWY. 30			1167 - 1171
EXISTING HWY. 30 TIE IN			1172 - 1175
LOCAL ROAD @ 517+50 HWY. 30			1176 - 1179
△ TOTAL SHEETS (529) △			

104

REVISION	BY	DATE
ADDED REV. DATES, ADDED SHEETS	TAD	8-20-09

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO.: STP-0044-02(018)
COUNTY : PRENTISS

FILENAME: di.dgn
DESIGN TEAM BOGGAN CHECKED DATE

WORKING NUMBER DI-3
SHEET NUMBER 4

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/20/2009 3:17 PM DI.DGN

STATE	PROJECT NO.
MISS.	STP-0044-02(014)

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS BRIDGE DRAWING	WORKING NUMBER	SHEET NUMBER
UNDERPASS AT STA. 704+48.11 U.S. HWY. 45 UNDER S.R. 30	1 OF 16	466
UNDERPASS AT STA. 704+48.11 U.S. HWY. 45 UNDER S.R. 30	2 OF 16	467
GENERALIZED SOIL PROFILE	3 OF 16	468
END BENTS NO. 1R & 5R DETAILS	4 OF 16	469
END BENTS NO. 1L & 5L DETAILS	5 OF 16	470
END BENT DETAILS	6 OF 16	471
INT. BENTS NO. 2R - 4R DETAILS	7 OF 16	472
INT. BENTS NO. 2L - 4L DETAILS	8 OF 16	473
INT. BENTS DETAILS	9 OF 16	474
90 FT. END SPAN DETAILS	10 OF 16	475
90 FT. INT. SPAN DETAILS	11 OF 16	476
90 FT. SPAN DETAILS	12 OF 16	477
MISCELLANEOUS SPAN DETAILS	13 OF 16	478
RAILING DETAILS	14 OF 16	479
90 FT. BEAM DETAILS (END SPAN) - BEAM NO. 90-1 (TYPE IV)	15 OF 16	480
90 FT. BEAM DETAILS (INT. SPAN) - BEAM NO. 90-2 (TYPE IV)	16 OF 16	481

BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY

DATE	REVISIONS	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX
(BRIDGE)

PROJECT 101800/302000
STP-0044-02(014)

PRENTISS COUNTY

WORKING NUMBER
DI-BR

DESIGNED PTD DETAILED PTD TRACED CADD
CHECKED JMW ISSUED MKC DATE 7/15/09

SHEET NUMBER
5

1 st O. REV.

GENERAL NOTES

GENERAL NOTES

STATE	PROJECT NO.
MISS.	STP-0044-02(018)

PUBLIC UTILITIES:

① BELL SOUTH TELEPHONE COMPANY - JACKSON, MS
PRENTISS COUNTY POWER ASSOC. - BOONEVILL, MS
BIG V WATER ASSOC. - BOONEVILLE, MS
BOONEVILLE GAS & WATER - BOONEVILLE, MS
WHEELER WATER ASSOC, - WHEELER, MS
VISTA III MEDIA LLC - BOONEVILLE, MS
TENNESSEE VALLEY AUTHORITY

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 ESTIMATING PURPOSES ONLY.

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 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.

⑥ ALL EXISTING HEADWALLS, CULVERT PIPES, OR OTHER OBSTRUCTIONS NOT COVERED BY A SPECIFIC PAY ITEM, WHICH CONFRLICT WITH REQUIRED CONSTRUCTION SHALL BVE 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 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 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 IN THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.

⑪ FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT CONSTRUCTION JOINTS. (SEE WK. NO.'S ICJ-1 AND ICJS-1 FOR DETAILS)

⑫ EXISTING SILT BASINS WILL BE MAINTAINED AND DRESSED.

⑬ 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 CONTOL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION.

⑭ EXISTING RIP RAP TO BE SHAPED AS DIRECTED BY THE ENGINEER. (COST ABSORBED)

⑮ ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION)

⑯ 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.

⑰ EXISTING SUBGRADE TO BE ADJUSTED DUE TO STRUCTURE THICKNESS CHANGE FROM PREVIOUS PROJECT.

⑱ ANY REFERENCE TO PROJECT NUMBER STP-0044-02(014) IS TO BE UNDERSTOOD THAT STP-0044-02(018) IS THE CORRECT PROJECT NUMBER.

⚠ ⑲ PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTFIED SO THAT SIGNS REQ'D. IN ISLANDS CAN BE LOCATED.

DATE	REVISION	BY
8/20/09	ADDED NOTE	TAD

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJ. NO. STP-0044-02(018)
PRENTISS COUNTY

WORKING NUMBER GN-1

FILENAME: GN-1
DESIGN TEAM _____ CHECKED _____ DATE _____

SHEET NUMBER 6

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
8/20/2009 3:17 PM GN.DGN