ADDENDUM

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP-0063-02(026)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP-0063-02(026)

SR 42 FROM CORINTH ROAD TO MACEDONIA ROAD

FORREST COUNTY, MS

FMS: 105375 / 301000

BRIDGE STRUCTURES REQ'D.

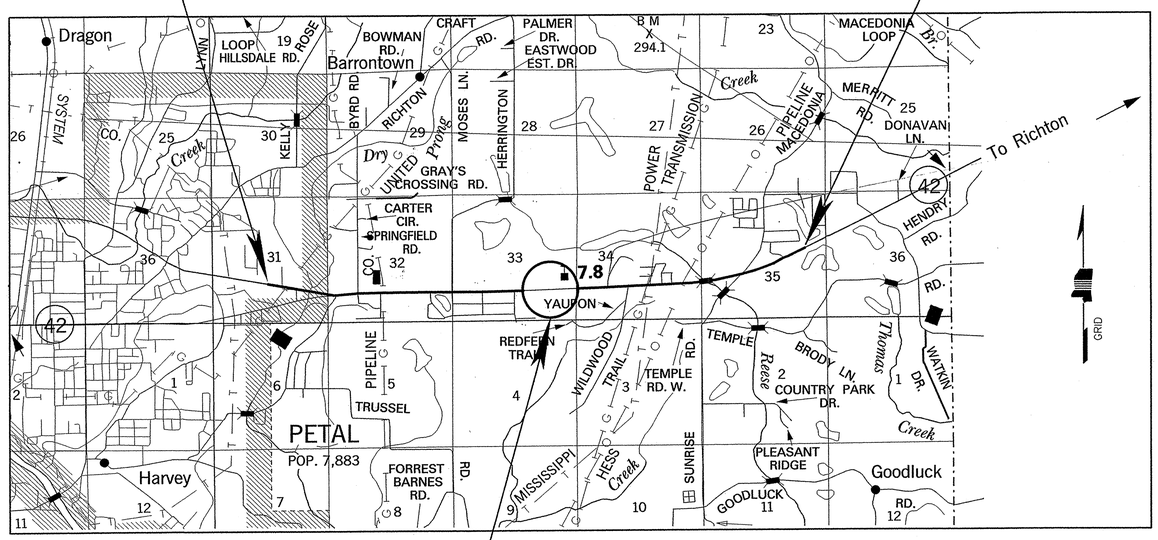
BOX BRIDGES REQ'D.

SCALES

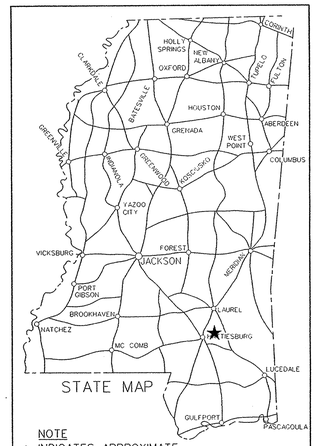
PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 3,000 FT.

B.O.P. 480+81.909

E.O.P. 695+54.687



OMITTED SECTION
STA. 581+00 TO 586+50
AS PER MDOT PROJECT
PE: HSIP-0063-02(024)
FMS CON: 104896/301000



DESIGN CONTROL

55 MPH = V (SPEED DESIGN)

ADT (2009) = 16,372 : ADT (2027) = 39,294

DHV = 3,600 : D = 50% T= 9%

PERMITS ACQUIRED BY MDOT

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

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

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

STORMWATER PERMIT S

Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA > 5 ACRES +)(NTB 586)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 14)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: SCR DATE: 09/14/09

GPS CONTROL NOTES

COORDINATES DERIVED FROM GPS SURVEY TIED TO:

NAD' 83/2007 MS EAST ZONE US SURVEY FEET

CONTROL STATION	NORTH	EAST
A 158 RESET	677,814.08	897,565.69
J 22	681,756.43	820,563.34
EDM	634,706.07	846,692.08

VERTICAL DATUM NAVD 88

ALL AZIMUTHS AND DISTANCES ARE NAD' 83/2007 MS EAST 2301 ZONE GRID VALUES

CONVERSION VALUES	PROJECT VALUES
GROUND TO GRID FACTOR	0.9999567389
GRID TO GROUND CORRECTION	1.000043279
GRID TO GEODETIC AZIMUTH	-00°11'20.4"

CONVENTIONAL SYMBOLS

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

EXCEPTIONS

STA 581+00.00 TO STA 586+50 = 550'

LENGTH DATA

LENGTH OF ROADWAY	21,365.37	FT.	4.046 MI.
LENGTH OF BRIDGES		FT.	MI.
LENGTH OF PROJECT (NET)	21,365.37		4.046 MI.
LENGTH OF EXCEPTIONS	550.00	FT.	0.104 MI.
LENGTH OF PROJECT (GROSS)	21,815.37	FT.	3.942 MI.

EQUATIONS:

STA 519+04.992 BK = STA 520+12.403 AH = -107.411'

DATE	REVISIONS	BY
9/16/09	REVISED DESIGN SPEED	ATM
11/20/09	REVISED TO FED. AID	ATM

107

APPROVED: CHIEF ENGINEER 9/16/09 DATE

EXECUTIVE DIRECTOR 9/16/09 DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED: DIVISION ADMINISTRATOR DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

5/8/2009 7:44 PM TITLE.DGN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

STATE	PROJECT NO.
MISS.	STP-0063-02(026)

1 st O. REV. DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
TITLE SHEET			1
DETAILED INDEX - ROADWAY (3)			
DETAIL INDEX - ROADWAY		DI-1	2
DETAIL INDEX - ROADWAY		DI-2	3
⚠ DETAIL INDEX - ROADWAY		DI-3	3.1
GENERAL NOTES (1)		GN-1	4
TYPICAL SECTION SHEETS (6)			
TYPICAL SECTIONS - SR 42 MAINLINE - (STA. 505+50 TO STA. 568+00 AND STA. 600+00 TO STA. 612+00)		TS-1	5
TYPICAL SECTIONS- SR 42 MAINLINE - (BOP TO STA. 505+50 AND STA. 622+75 TO EOP)		TS-2	6
TYPICAL SECTIONS - SR 42 - MAINLINE - (STA. 612+00 TO STA. 622+75)		TS-3	7
TYPICAL SECTIONS - MACEDONIA AND SUNRISE ROAD - (STA. 320+82.581 TO STA. 343+18.578)		TS-4	8
TYPICAL SECTIONS - SR 42 MAINLINE (STA. 568+00 TO STA. 581+00 AND STA. 586+50 TO STA. 600+00) & TEMP. PAV'T		TS-5	9
TYPICAL SECTIONS - LOCAL ROADS		TS-6	10
SUMMARY OF QUANTITIES (3)			
SUMMARY OF QUANTITIES - SR 42		SQ-1	11
SUMMARY OF QUANTITIES - SR 42		SQ-2	12
SUMMARY OF QUANTITIES - SR 42		SQ-3	13
ESTIMATED QUANTITIES (12)			
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES - RIGHT SIDE		EQ-1	14
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES - RIGHT SIDE		EQ-2	15
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES - LEFT SIDE		EQ-3	16
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES - LEFT SIDE		EQ-4	17
ESTIMATED QUANTITIES - PAVEMENT MARKINGS, JUNCTION BOXES & BOX CULVERTS REQ'D.		EQ-5	18
ESTIMATED QUANTITIES - EARTHWORK AND REMOVAL ITEMS		EQ-6	19
ESTIMATED QUANTITIES - TRAFFIC SIGNAL ITEMS		EQ-7	20
ESTIMATED QUANTITIES - CONSTRUCTION SIGNS REQ'D.		EQ-8	21
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS REQ'D.		SRS-1A	22
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS REQ'D.		SRS-1B	23
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS REQ'D.		SRS-2	24
ESTIMATED QUANTITIES - DIRECTIONAL SIGN QUANTITIES		DSQ-1A	25
PLAN & PROFILE SHEETS (48)			
PLAN AND PROFILE - SR 42 MAINLINE - STA. 480+81.909 TO STA. 509+00.000		WK-3	26
PLAN AND PROFILE - SR 42 MAINLINE - RIGHT LANE TRANSITION		WK-3A	27
PLAN AND PROFILE - SR 42 MAINLINE - LEFT LANE TRANSITION		WK-3B	28
PLAN AND PROFILE - CORINTH ROAD -STA. 324+00.000 TO STA. 328+00.000		WK-3C	29
PLAN AND PROFILE - SR 42 MAINLINE - STA. 409+00.000 TO STA. 540+00.000		WK-4	30
PLAN AND PROFILE - SR 42 MAINLINE - STA. 540+00.000 TO STA. 570+00.000		WK-5	31
PLAN AND PROFILE - SR 42 MAINLINE - STA. 570+00.000 TO STA. 600+00.000		WK-6	32
PLAN AND PROFILE - SR 42 MAINLINE - STA. 600+00.000 TO STA. 630+00.000		WK-7	33
PLAN AND PROFILE - SR 42 MAINLINE - STA. 630+00.000 TO STA. 660+00.000		WK-8	34
PLAN AND PROFILE - SR 42 MAINLINE - STA. 660+00.000 TO STA. 690+00.000		WK-9	35
PLAN AND PROFILE - MACEDONIA ROAD - STA. 321+00.000 TO STA. 341+00.000		WK9A	36
PLAN AND PROFILE - SR 42 MAINLINE - STA. 690+00 TO E.O.P.		WK-10	37
DRAINAGE DESIGN - SR 42 MAINLINE - B.0.P. TO STA. 490+00		DD-1	38
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 490+00 TO STA. 496+00		DD-2	39
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 496+00 TO STA. 502+00		DD-3	40
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 502+00 TO STA. 508+00 LT		DD-4LT	41
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 502+00 TO STA. 508+00 RT		DD-4RT	42
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 508+00 TO STA. 514+00		DD-5	43
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 514+00 TO STA. 521+00 LT		DD-6LT	44
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 514+00 TO STA. 521+00 RT		DD-6RT	45
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 521+00 TO STA. 527+00 LT		DD-7LT	46
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 521+00 TO STA. 527+00 RT		DD-7RT	47
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 527+00TO STA. 533+00 LT		DD-8LT	48
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 527+00TO STA. 533+00 RT		DD-8RT	49
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 533+00 TO STA. 539+00 LT		DD-9LT	50
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 533+00 TO STA. 539+00 RT		DD-9RT	51
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 539+00 TO STA. 545+00 LT		DD-10LT	52
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 539+00 TO STA. 545+00 RT		DD-10RT	53
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 545+00 TO STA. 551+00 LT		DD-11LT	54
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 545+00 TO STA. 551+00 RT		DD-11RT	55
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 551+00 TO STA. 557+00 LT		DD-12LT	56
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 551+00 TO STA. 557+00 RT		DD-12RT	57

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 557+00 TO STA. 563+00 LT		DD-13LT	58
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 557+00 TO STA. 563+00 RT		DD-13RT	59
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 563+00 TO STA. 569+00 LT		DD-14LT	60
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 563+00 TO STA. 569+00 RT		DD-14RT	61
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 569+00 TO STA. 575+00 RT		DD-15RT	62
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 575+00 TO STA. 581+00 RT		DD-16RT	63
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 581+00 TO STA. 587+00		DD-17	64
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 587+00 TO STA. 593+00 RT		DD-18RT	65
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 593+00 TO STA. 599+00 RT		DD-19RT	66
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 599+00 TO STA. 605+00 LT		DD-20LT	67
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 599+00 TO STA. 605+00 RT		DD-20RT	68
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 605+00 TO STA. 611+00 LT		DD-21LT	69
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 605+00 TO STA. 611+00 RT		DD-21RT	70
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 611+00 TO STA. 617+00 LT		DD-22LT	71
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 611+00 TO STA. 617+00 RT		DD-22RT	72
DRAINAGE DESIGN - SR 42 MAINLINE - STA. 617+00 TO STA. 623+00 RT		DD-23RT	73
SPECIAL DESIGN SHEETS - ROADWAY (127)			
PAVEMENT MARKING - B.O.P. TO STA. 498+00		PMD-1	74
PAVEMENT MARKING - STA. 498+00 TO STA. 516+00		PMD-2	75
PAVEMENT MARKING - STA. 516+00 TO STA. 534+00		PMD-3	76
PAVEMENT MARKING - STA. 534+00 TO STA. 552+00		PMD-4	77
PAVEMENT MARKING - STA. 552+00 TO STA. 570+00		PMD-5	78
PAVEMENT MARKING - STA. 570+00 TO STA. 588+00		PMD-6	79
PAVEMENT MARKING - STA. 588+00 TO STA. 606+00		PMD-7	80
PAVEMENT MARKING - STA. 606+00 TO STA. 624+00		PMD-8	81
PAVEMENT MARKING - STA. 624+00 TO STA. 642+00		PMD-9	82
PAVEMENT MARKING - STA. 642+00 TO STA. 660+00		PMD-10	83
PAVEMENT MARKING - STA. 660+00 TO STA. 678+00		PMD-11	84
PAVEMENT MARKING - STA. 678+00 TO E.O.P.		PMD-12	85
PERMANENT SIGNING DETAILS - CORINTH ROAD		PSD-1	86
PERMANENT SIGNING DETAILS - MAGNOLIA / HERRINGTON ROAD		PSD-2	87
PERMANENT SIGNING DETAILS - TEETIME DRIVE		PSD-3	88
PERMANENT SIGNING DETAILS - MACEDONIA / SUNRISE ROAD		PSD-4	89
PERMANENT SIGNING DETAILS - MACEDONIA / SUNRISE ROAD		PSD-5	90
PERMANENT SIGNING - B.O.P. TO STA. 498+00		PSP-1	91
PERMANENT SIGNING - STA. 498+00 TO STA. 516+00		PSP-2	92
PERMANENT SIGNING - STA. 516+00 TO STA. 534+00		PSP-3	93
PERMANENT SIGNING - STA. 534+00 TO STA. 552+00		PSP-4	94
PERMANENT SIGNING - STA. 552+00 TO STA. 570+00		PSP-5	95
PERMANENT SIGNING - STA. 570+00 TO STA. 588+00		PSP-6	96
PERMANENT SIGNING - STA. 588+00 TO STA. 606+00		PSP-7	97
PERMANENT SIGNING - STA. 606+00 TO STA. 624+00		PSP-8	98
PERMANENT SIGNING - STA. 624+00 TO STA. 642+00		PSP-9	99
PERMANENT SIGNING - STA. 642+00 TO STA. 660+00		PSP-10	100
PERMANENT SIGNING - STA. 660+00 TO STA. 678+00		PSP-11	100.01
PERMANENT SIGNING - STA. 678+00 TO E.O.P.		PSP-12	100.02
TRAFFIC SIGNAL PLAN - INTERSECTION OF SR 42 AND HERRINGTON ROAD		TSI-1	100.03
SIGNAL STANDARDS - DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS AND GENERAL NOTES		TSD-1	100.04
SIGNAL STANDARDS - LOOP DETECTOR DETAILS FOR TRAFFIC SIGNAL INSTALLATION		TSD-2	100.05
SIGNAL STANDARDS - PULLBOX CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION		TSD-3	100.06
SIGNAL STANDARDS - DETAILS OF CONTROL CABINET, TYPE 1 POLE ATTACHMENTS, & MISCELLANEOUS HARDWARE		TSD-5	100.07
SIGNAL STANDARDS - MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION		TSD-6	100.08
SIGNAL STANDARDS - TRAFFIC SIGNAL PLAN (TYPICAL SIGNAL INSTALLATION)		TSD-7	100.09
INTERSECTION DETAIL - INTERSECTION OF SR 42 & CORINTH ROAD		ID-1	100.10
INTERSECTION DETAIL - INTERSECTION OF SR 42 & HERRINGTON ROAD		ID-2	100.11
INTERSECTION DETAIL - INTERSECTION OF SR 42 & MACEDONIA / SUNRISE ROAD		ID-3	100.12
TRAFFIC CONTROL - SR 42 PHASE 1 B.O.P. TO STA. 511+00		TC-1	100.13

PS & E PLANS-DATE		
FMS CON. # 105375 / 301000		
REVISIONS		
DATE	SHEET NO.	BY
9/25/09	5, 6, 7, 11, 12	JBM
10/6/09	12	JBM
11/10/09	1	ATM
1/29/10	2,3,3.1,11,12,13,26,30,	JBM
	31,32,33,34,35,100.74	
	100.75,100.76,100.77	
	100.78,100.79,100.80	
	100.81,100.82,100.83,	
	100.84,100.85,100.86	
	100.87,100.88,100.89	

PS & E PLANS-DATE		
FMS CON. # 105375 / 301000		
REVISIONS CONT'D.		
DATE	SHEET NO.	BY
1/29/10	100.90,100.91,100.92	JBM
	100.93,100.94,100.95,	
	100.96,100.97,100.98	
	100.99,100.100,	
	100.101,100.102,	
	100.103,100.104,	
	100.105,100.106,	
	100.107	

107

DATE	REVISION	BY
1/29/10	ADDED ECP SHEETS	JBM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

SR42 FROM EAST OF PETAL TO MACEDONIA ROAD

PROJ NO: STP-0063-02(026)

COUNTY: FORREST

FILENAME: DI-1.DGN

DESIGN TEAM BAKER CHECKED JBM DATE 2009

WORKING NUMBER DI-1

SHEET NUMBER 2

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
2/1/2010 11:11:19 AM DI-1.DGN

STATE	PROJECT NO.
MISS.	STP-0063-02(026)

1 st O. REV. DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
STANDARD DRAWINGS - ROADWAY SHEETS (32)			
PAVEMENT MARKING DETAILS 2- LANE AND 4- LANE DIVIDED HIGHWAYS	(12-01-99)	PM-1	120
PAVEMENT MARKING DETAILS 2- LANE AND 4- LANE UNDIVIDED ROADWAYS	(12-01-99)	PM-2	121
PAVEMENT MARKING LEGEND DETAILS		PM-5	124
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
EROSION CONTROL		EC-1	140
△1			
△1			
△1			
STANDARD ROADSIDE SIGNS		SN-3	222
STANDARD ROADSIDE SIGNS		SN-3A	223
STANDARD ROADSIDE SIGNS	(3-01-02)	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
BREAK-AWAY SIGN SUPPORT		SN-6	229
BREAK-AWAY SIGN SUPPORT		SN-6A	230
BREAK-AWAY SIGN SUPPORT		SN-6B	231
SIGN FACE CONSTRUCTION & ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL BEAMS	(3-01-02)	SN-7	232
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC		TCP-1	250
4-LANE TO 2-LANE TRANSITION	(3-01-02)	TCP-6	255
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP-10	259
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 AND FILLS		GT-1	272
SIGHT FLARE	(12-01-99)	SF-1	273
DRIVEWAYS, CURB & GUTTER, AND SIDEWALK		SD-1	287
DRIVEWAYS, INTEGRAL CURB, AND SIDEWALK		SD-2	288
PIPE CULVERT INSTALLATION		PI-1	300
CONCRETE PIPE COLLAR		PC-1	301
JUNCTION BOX FOR PIPE CULVERTS		JB-1	302
STORM SEWER STRUCTURE TYPE SS-2		SS-2	322
PAVED INLET APRON AND MEDIAN DITCH PLUG		PA-1	318
DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERT		B-9	325
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328
FLARED END SECTION FOR CONCRETE ARCH PIPE		FE-1A	329
CROSS-SECTION SHEETS (70)			
CROSS-SECTIONS SR 42 MAINLINE			901-961
CROSS-SECTIONS CORINTH ROAD			962-964
CROSS-SECTIONS MACEDONIA / SUNRISE ROAD			965-970
TOTAL SHEETS - SR 42 FROM CORINTH ROAD TO MACEDONIA ROAD =			△1 325

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

2/2/2010 13:29:20 DI-1.DGN

DATE	REVISION	BY
1/29/10	ADDED ECP SHEETS	JBM △1

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

SR 42 FROM EAST OF PETAL TO MACEDONIA ROAD

PROJ NO: STP-0063-02(026)
COUNTY: FORREST

FILENAME: DI-1.DGN
DESIGN TEAM BAKER CHECKED JBM DATE 2009

WORKING NUMBER DI-3
SHEET NUMBER 3.1

ADDENDUM

STATE	PROJECT NO.
MISS.	STP-0063-02(026)

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS - ROADWAY (CONT'D.)			
TRAFFIC CONTROL - SR 42 PHASE 1 - STA. 511+00 TO STA. 540+00		TC-2	100.14
TRAFFIC CONTROL - SR 42 PHASE 1 - STA. 540+00 TO STA. 570+00		TC-3	100.15
TRAFFIC CONTROL - SR 42 PHASE 1 - STA. 570+00 TO STA. 600+00		TC-4	100.16
TRAFFIC CONTROL - SR 42 PHASE 1 - STA. 600+00 TO STA. 631+00		TC-5	100.17
TRAFFIC CONTROL - SR 42 PHASE 1 - STA. 631+00 TO STA. 661+00		TC-6	100.18
TRAFFIC CONTROL - SR 42 PHASE 1 - STA. 661+00 TO E.O.P.		TC-7	100.19
TRAFFIC CONTROL - SR 42 PHASE 2 B.O.P. TO STA. 511+00		TC-8	100.20
TRAFFIC CONTROL - SR 42 PHASE 2 - STA. 511+00 TO STA. 540+00		TC-9	100.21
TRAFFIC CONTROL - SR 42 PHASE 2 - STA. 540+00 TO STA. 570+00		TC-10	100.22
TRAFFIC CONTROL - SR 42 PHASE 2 - STA. 570+00 TO STA. 600+00		TC-11	100.23
TRAFFIC CONTROL - SR 42 PHASE 2 - STA. 600+00 TO STA. 631+00		TC-12	100.24
TRAFFIC CONTROL - SR 42 PHASE 2 - STA. 631+00 TO STA. 661+00		TC-13	100.25
TRAFFIC CONTROL - SR 42 PHASE 2 - STA. 661+00 TO E.O.P.		TC-14	100.26
TRAFFIC CONTROL - SR 42 PHASE 3 B.O.P. TO STA. 511+00		TC-15	100.27
TRAFFIC CONTROL - SR 42 PHASE 3 - STA. 511+00 TO STA. 540+00		TC-16	100.28
TRAFFIC CONTROL - SR 42 PHASE 3 - STA. 540+00 TO STA. 570+00		TC-17	100.29
TRAFFIC CONTROL - SR 42 PHASE 3 - STA. 570+00 TO STA. 600+00		TC-18	100.30
TRAFFIC CONTROL - SR 42 PHASE 3 - STA. 600+00 TO STA. 631+00		TC-19	100.31
TRAFFIC CONTROL - SR 42 PHASE 3 - STA. 631+00 TO STA. 661+00		TC-20	100.32
TRAFFIC CONTROL - SR 42 PHASE 3 - STA. 661+00 TO E.O.P.		TC-21	100.33
TRAFFIC CONTROL - SR 42 PHASE 3A B.O.P. TO STA. 511+00		TC-22	100.34
TRAFFIC CONTROL - SR 42 PHASE 3A - STA. 511+00 TO STA. 540+00		TC-23	100.35
TRAFFIC CONTROL - SR 42 PHASE 3A - STA. 540+00 TO STA. 570+00		TC-24	100.36
TRAFFIC CONTROL - SR 42 PHASE 3A - STA. 570+00 TO STA. 600+00		TC-25	100.37
TRAFFIC CONTROL - SR 42 PHASE 3A - STA. 600+00 TO STA. 631+00		TC-26	100.38
TRAFFIC CONTROL - SR 42 PHASE 3A - STA. 631+00 TO STA. 661+00		TC-27	100.39
TRAFFIC CONTROL - SR 42 PHASE 3A - STA. 661+00 TO E.O.P.		TC-28	100.40
TRAFFIC CONTROL - SR 42 PHASE 4 B.O.P. TO STA. 511+00		TC-29	100.41
TRAFFIC CONTROL - SR 42 PHASE 4 - STA. 511+00 TO STA. 540+00		TC-30	100.42
TRAFFIC CONTROL - SR 42 PHASE 4 - STA. 540+00 TO STA. 570+00		TC-31	100.43
TRAFFIC CONTROL - SR 42 PHASE 4 - STA. 570+00 TO STA. 600+00		TC-32	100.44
TRAFFIC CONTROL - SR 42 PHASE 4 - STA. 600+00 TO STA. 631+00		TC-33	100.45
TRAFFIC CONTROL - SR 42 PHASE 4 - STA. 631+00 TO STA. 661+00		TC-34	100.46
TRAFFIC CONTROL - SR 42 PHASE 43 - STA. 661+00 TO E.O.P.		TC-35	100.47
CONSTRUCTION SIGNING - PHASE 1 - B.O.P. TO STA. 500+00		CS-1	100.48
CONSTRUCTION SIGNING - PHASE 1 - STA. 500+00 TO STA. 531+00		CS-2	100.49
CONSTRUCTION SIGNING - PHASE 1 - STA. 531+00 TO STA. 561+00		CS-3	100.50
CONSTRUCTION SIGNING - PHASE 1 - STA. 561+00 TO STA. 591+00		CS-4	100.51
CONSTRUCTION SIGNING - PHASE 1 - STA. 591+00 TO STA. 621+00		CS-5	100.52
CONSTRUCTION SIGNING - PHASE 1 - STA. 621+00 TO STA. 651+00		CS-6	100.53
CONSTRUCTION SIGNING - PHASE 1 - STA. 651+00 TO STA. 681+00		CS-7	100.54
CONSTRUCTION SIGNING - PHASE 1 - STA. 681+00 TO E.O.P.		CS-8	100.55
FORM GRADES - INTERSECTION OF SR 42 & CORINTH ROAD		FG-1	100.56
FORM GRADES - INTERSECTION OF SR 42 & MACEDONIA / SUNRISE ROAD		FG-2	100.57
TRAFFIC CONTROL -DRUM PLACEMENT & SHOULDER CLOSURE		TCP-SC	100.58
SPEED SIGN DETAIL SR 42 FROM EAST OF PETAL TO MACEDONIA ROAD		R16-3	100.59
FLEXIBLE PIPE STANDARD		HDPE-1	100.60
SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V > 40 mph)		SDSE-1	100.61
SUPERELEVATION CASE II ROTATION ABOUT EDGE OF TRAVELED WAY (2% NORMAL SUBGRADE)		SDSE -2C	100.62
SUPERELEVATION RUNOFF CASE II ROTATION ABOUT EDGE OF TRAVELED WAY		SDRO-2	100.63
BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL AND SKEWED CULVERTS GROUP I DIAGRAMS		SD-IBJL-1	100.64
BASIC CULVERT DRAWING - DOUBLE CELL, HEIGHT - 5 FT., TOTAL SPAN - 5-12 FT.		SD-IBS-5-2W	100.65
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL -HEIGHTS 4-12 FT - SPANS 4-24 FT		SD-IWS-3	100.66
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL -HEIGHTS 4-12 FT - SPANS 4-24 FT		SD-IWS-3A	100.67
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL -HEIGHTS 4-12 FT - SPANS 4-24 FT		SD-IWS-3B	100.68
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL -HEIGHTS 4-12 FT - SPANS 4-24 FT		SD-IWS-3C	100.69
BOX CULVERT BENDING DETAIL		BCB-1	100.70
RIGHT-OF-WAY MARKER		RW-1	100.71
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VEGETATION SCHEDULE		VS-1	100.73
⚠ DETAILS OF DITCH TREATMENT		DT-1	100.74
⚠ SOIL REINFORCING MAT		DT-1A	100.75
⚠ EROSION CONTROL		EC-1	100.76
⚠ TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS		ECD-1	100.77
⚠ DETAILS OF SEDIMENT BARRIER APPLICATIONS		ECD-2	100.78
⚠ DETAILS OF SILT FENCE INSTALLATION		ECD-3	100.79
⚠ DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS		ECD-4	100.80
⚠ TEMPORARY ERISION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES		ECD-5	100.81
⚠ DETAILS OF EROSION CONTROL WATTLE DITCH CHECK		ECD-6	100.82
⚠ DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK		ECD-7	100.83

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
⚠ ROCK DITCH CHECK		ECD-8	100.84
⚠ ROCK DITCH CHECK WITH SUMP EXCAVATION		ECD-9	100.85
⚠ INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS		ECD-10	100.86
⚠ INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES AND SAGS		ECD-11	100.87
⚠ INLET PROTECTION DETAILS OF WATTLES		ECD-12	100.88
⚠ INLET PROTECTION DETAILS OF MANUFACTURED INELT PROTECTION DEVICE		ECD-13	100.89
⚠ INLET PROTECTION DETAILS OF SAND BAG		ECD-14	100.90
⚠ STABILIZED CONSTRUCTION ENTRANCE		ECD-15	100.91
⚠ TEMPORARY CULVERT STREAM CROSSING		ECD-16	100.92
⚠ TEMPORARY STREAM DIVERSION		ECD-17	100.93
⚠ TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)		ECD-18	100.94
⚠ FLOATING TURBIDITY CURTAIN		ECD-19	100.95
⚠ DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK		ECD-20	100.96
⚠ TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)		TEC-2	100.97
⚠ TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)		TEC-3	100.98
⚠ TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN)		TEC-D70	100.99
⚠ TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN)		TEC-D135	100.100
⚠ EROSION CONTROL PLAN SHEETS (7)			
⚠ EROSION CONTROL PLAN		ECP-3	100.101
⚠ EROSION CONTROL PLAN		ECP-4	100.102
⚠ EROSION CONTROL PLAN		ECP-5	100.103
⚠ EROSION CONTROL PLAN		ECP-6	100.104
⚠ EROSION CONTROL PLAN		ECP-7	100.105
⚠ EROSION CONTROL PLAN		ECP-8	100.106
⚠ EROSION CONTROL PLAN		ECP-9	100.107
STANDARD DRAWINGS - BOX CULVERTS (14)			
BASIC CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL AND SKEWED CULVERTS GROUP I DIAGRAMS		IBJL-1	366.1
BASIC CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL AND SKEWED CULVERTS GROUP II DIAGRAMS		IBJL-1	366.2
BASIC CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL AND SKEWED CULVERTS GROUP III DIAGRAMS		IBJL-1	366.3
COLLAR DETAILS FOR BOX STRUCTURES (SINGLE, DOUBLE TRIPLE & QUADRUPLE)		ICJ-1	367
SKEWED COLLAR DETAILS FOR BOX STRUCTURES (SINGLE, DOUBLE TRIPLE & QUADRUPLE)		ICJS-1	368
BASIC CULVERT DRAWING - DOUBLE CELL, HEIGHT - 8 FT., TOTAL SPAN - 16-32 FT.		IBD-8-2W	384.1
BASIC CULVERT DRAWING - DOUBLE CELL, HEIGHT - 8 FT., TOTAL SPAN - 16-32 FT.		IBD-8-2W	384.2
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL -HEIGHTS 6-12 FT - SPANS 12-40 FT		IWD-3	387
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL -HEIGHTS 6-12 FT - SPANS 12-40 FT		IWD-3	388.1
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL -HEIGHTS 6-12 FT - SPANS 12-40 FT		IWD-3	388.2
BASIC CULVERT DRAWING - IBD CULVERTS MODIFIED FOR HIGH COVER - WINGS WITH 3:1 SLOPES		IBDM-3W	393
BASIC CULVERT DRAWING - IBD CULVERTS MODIFIED FOR HIGH COVER - WINGS WITH 3:1 SLOPES		IBDM-3W	394
BASIC CULVERT DRAWING - 30 DEG. SKEW DETAILS, WINGS WITH 3:1 SLOPE, SINGLE AND DOUBLE CELL CULVERTS		ISK-30-3W	400.1
BASIC CULVERT DRAWING - 30 DEG. SKEW DETAILS, WINGS WITH 3:1 SLOPE, SINGLE AND DOUBLE CELL CULVERTS		ISK-30-3W	400.2

PS & E PLANS-DATE: 09/17/09		
FMS CON. # 105375 / 301000		
REVISIONS CONT'D.		
DATE	SHEET NO.	BY
3/12/10	3, 6, 12, 26, 27, 28, 29,	KJC
	30, 31, 32, 40, 41, 42, 48,	
	49, 50, 51, 52, 53, 56, 57,	
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	100.103, 100.104	

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DATE	REVISION	BY
1/29/10	ADDED EDP SHEETS	JBM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

SR 42 FROM EAST OF PETAL TO MACEDONIA ROAD

PROJ NO: STP-0063-02(026)

COUNTY: FORREST

FILENAME: DI-1.DGN

DESIGN TEAM BAKER CHECKED JBM DATE 2009

WORKING NUMBER DI-2

SHEET NUMBER 3

PLAN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

3/12/2010 7:59 AM DI-1.DGN

STATE	PROJECT NO.
MISS.	STP-063-02(026)

GENERAL NOTES

1. FOR A LIST OF PUBLIC UTILITIES, SEE BELOW.
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. 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.
4. 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)
5. 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.
6. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
7. REMOVAL OF RAISED PAVEMENT MARKERS IS NOT A SEPARATE PAY ITEM.
8. CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE. ALL COSTS ASSOCIATED WITH THIS SHALL BE ABSORBED.
9. THE ENDS OF EXISTING PIPES TO BE ABANDONED IN PLACE SHALL BE PLUGGED WITH CONCRETE (NOT A SEPARATE PAY ITEM).
10. ALL POST LENGTHS, FOR BOTH SIGNS AND SIGNALS, SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
11. THE NEW TRAFFIC SIGNAL AT SR 42 AND HERRINGTON RD IS TO BE RADIO INTERCONNECTED WITH THE EXISTING TRAFFIC SIGNAL AT SR 42 & PETAL HIGH SCHOOL.
12. ALL PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC, 2 FEET IN 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).
13. EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF 4 BALES PER EVERY 25 LINEAR FEET OF DITCH, 8 BALES PER INLETAND 4 BALES AT EACH PIPE OUTLET. THIS IS REQUIRED AS A TEMPORARY EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES AREINSTALLED. THE ENGINEER WILL DETERMINE THE ACTUAL LOCATION AND NUMBER OF BALES DURING THE CONSTRUCTION OF THE PROJECT. (SEE WK. NO. TEC-1 FOR DETAILS.)
14. 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
15. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHOULD COMPLY WITH PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
16. UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CANNOT 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.
17. THE CONTRACTOR IS TO REMOVE, OR REMOVE AND RESET, ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).
18. WORK 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, NCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
19. FLORESCENT 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.
20. CONES SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF TEN (10) POUNDS. CONES SHALL BE USED IN SPEED ZONES EQUAL TO OR GREATER THAN 45 MPH SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF FIFTEEN (15) POUNDS. ALL CONES SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.
21. 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)
22. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE THE 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
23. 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 MATERIAL AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
24. TOE WALLS REQUIRED ON ALL DOWNSTREAM FLARED END SECTIONS. TOE WALLS AT UPSTREAM FLARED END SECTIONS WILL BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER.

PUBLIC UTILITIES - PETAL AND FORREST COUNTY

MISSISSIPPI ONE CALL 800.227.6477 OR 8-1-1	CENTERPOINT ENERGY (GAS) 601.824.8052	CITY OF PETAL WATER & SEWER: 601.544.6981	AT&T PHONE SERVICE 866.620.6900
BARRONTOWN WATER ASSOCIATION 601.606.1803	DIXIE ELECTRIC POWER ASSOCIATION 601.425.2535	COMCAST CABLE 601.579.3967	

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SR 42 FROM EAST CORP. LIMIT OF PETAL TO MACEDONIA RD 4-LANE BLVD PROJECT

PROJ NO: STP-0063-02(026)
COUNTY: FORREST

WORKING NUMBER GN-1

FILENAME: generalnotes.dgn
DESIGN TEAM BAKER CHECKED JBM DATE 2009

SHEET NUMBER 4