FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	IM–0010–01(138)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. IM–0010–01(138)

INTERSTATE HIGHWAY NO.10 BETWEEN DIAMONDHEAD AND WOLF RIVER

HANCOCK /HARRISON COUNTY

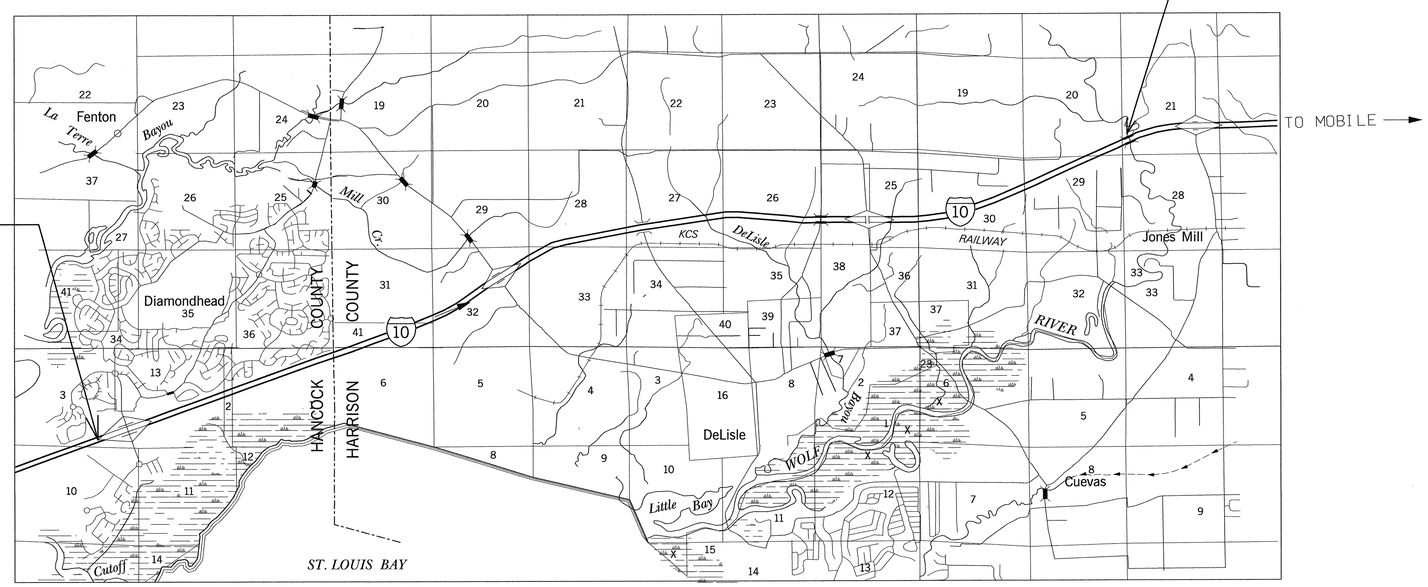
FMS # 105619/301000
105619/302000

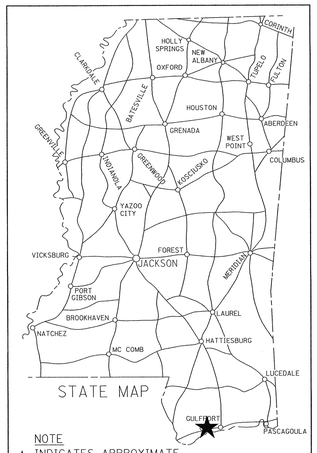
SCALES

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

E.O.P. Sta. 480+00.000

B.O.P. Sta. 870+00.000





NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. N30°23'42" LONG. W089°18'46"
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

70 MPH = V (SPEED DESIGN)

ADT (2011) = 68,000 : ADT (2031) = 101,000

DHV = 10,000 : D = 55 % T = 15 %

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 N

Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: JCT DATE: 11/15/2011

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. 1015+24.030	=	10+00.000	100,524.03 FT
STA. 80+12.3100	=	80+13.990	–1.68 FT.
STA. 386+92.378	=	386+94.90	–2.522 FT.
			100,519.83 FT.

EXCEPTIONS

NONE

LENGTH DATA

HANCOCK COUNTY

LENGTH OF ROADWAY	14,524.30 FT.	2.750 MI.
LENGTH OF BRIDGES	0 FT.	0 MI.
LENGTH OF PROJECT (NET)	FT.	MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)		2.750 MI.

LENGTH DATA

HARRISON COUNTY

LENGTH OF ROADWAY	46,995.53 FT.	8.901 MI.
LENGTH OF BRIDGES	1864.50 FT.	0.35 MI.
LENGTH OF PROJECT (NET)	FT.	MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)		9.254 MI.

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APPROVED: 11/16/11
CHIEF ENGINEER DATE

INTERIM EXECUTIVE DIRECTOR 11/16/11 DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

REVISIONS BY DATE

ROADWAY TITLE DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/15/2011 15:56:55 TITLE SHEET.DGN

1 st O. REV.

STATE	PROJECT NO.
MISS.	IM-0010-01(138)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
TITLE SHEET (1)			1
DETAIL INDEX AND GENERAL NOTES (2)			
DETAIL INDEX		DI-1	2
GENERAL NOTES		GN-1	3
TYPICAL SECTIONS (7)			
TYPICAL SECTION - MAIN FACILITY- STA. 870+00 (BOP) TO STA. 480+00 (EOP)		TS-1	4
TYPICAL SECTION - INTERCHANGE RAMPS- GEX ROAD AND MENGE AVE.		TS-2	5
⚠1 TYPICAL SECTION - GEX ROAD AND MENGE AVE.		TS-3	6
TYPICAL SECTION - INTERCHANGE RAMP CONNECTIONS AT GEX RD. AND MENGE AVE.		TS-4	7
TYPICAL SECTION - RUMBLE STRIPS (GROUND IN)		TS-5	8
TYPICAL SECTION - PAVING DETAILS AT BRIDGE ENDS		TS-6	9
TYPICAL SECTION - PAVING DETAILS AT ENTRANCE AND EXIT RAMPS		TS-7	10
QUANTITY SHEETS (10)			
SUMMARY OF QUANTITIES		SQ-1	11
SUMMARY OF QUANTITIES		SQ-2	12
SUMMARY OF QUANTITIES		SQ-3	13
ESTIMATED QUANTITIES - GUARD RAIL REMOVAL		EQ-1	14
ESTIMATED QUANTITIES - GUARD RAIL REQUIRED - LEFT AND RIGHT LANE - HANCOCK COUNTY		EQ-2	15
ESTIMATED QUANTITIES - GUARD RAIL REQUIRED - LEFT AND RIGHT LANE - HARRISON COUNTY		EQ-3	16
ESTIMATED QUANTITIES - REMOVAL OF CONCRETE PAVEMENT		EQ-4	17
ESTIMATED QUANTITIES - BRIDGE DECK JOINT REPAIR		EQ-6	18
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS (HANCOCK COUNTY)		TCP-EQ	19
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS (HARRISON COUNTY)		TCP-EQ	20
PLAN & PROFILE SHEETS (25)			
STA. 870+00 TO STA. 900+00 (BOP)		3	21
STA. 10+00 TO STA. 34+20.392 (GEX ROAD)		3A	22
(GEX ROAD) PLAN SHEET		3B	23
STA. 900+00 TO STA. 930+00		4	24
STA. 930+00 TO 960+00		5	25
STA. 960+00 TO 990+00		6	26
STA. 990+00 TO STA. 15+00		7	27
STA. 1005+00 TO STA. 30+00		8	28
STA. 30+00 TO STA. 60+00		9	29
STA. 60+00 TO STA. 90+00		10	30
STA. 90+00 TO STA. 120+00		11	31
STA. 120+00+00 TO STA. 150+00		12	32
STA. 150+00 TO 180+00		13	33
STA. 180+00 TO STA. 210+00		14	34
STA. 210+00 TO STA. 240+00		15	35
STA. 240+00 TO STA. 270+00		16	36
STA. 270+00 TO STA. 300+00		17	37
STA. 300+00 TO STA. 330+00		18	38
STA. 10+00 TO STA. 40+00 (MENGE AVENUE)		18A	39
(MENGE AVENUE) PLAN SHEET		18B	40
STA. 330+00 TO STA. 360+00		19	41
STA. 360+00 TO STA. 390+00		20	42
STA. 390+00 TO STA. 420+00		21	43
STA. 420+00 TO STA. 450+00		22	44
STA. 450+00 TO STA. 480+00 (EOP)		23	45

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
SPECIAL DESIGN ROADWAY ITEMS (11)			
DETAILS OF BRIDGE DECK JOINT REPAIR		BR-1	46
TYPICAL CRC PAVEMENT REPAIR		PR-1A	47
EDGE DRAIN DETAIL-CONCRETE APRON AND RODENT SCREEN		EDD-1	48
DETAIL OF EDGE DRAINS		EDD-2	49
TRAFFIC CONTROL PLAN - DETAILS FOR CONSTRUCTION SIGNING		TCP-17	50
TRAFFIC CONTROL PLAN - DETAILS FOR CONSTRUCTION SIGNING		TCP-18	51
MISCELLANEOUS CONSTRUCTION DETAILS - PAVED SHOULDERS AT BRIDGE ENDS		MCD-1	52
TRAFFIC CONTROL DETAILS: DRUM PLACEMENT AND SHOULDER CLOSURE		TCP-SC	53
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS(PARALLEL AND TAPERS)		SDPM-3	54
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS(PARALLEL AND TAPERS)		SDPM-4	55
TRAFFIC CONTROL PLAN (MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)		SDTCP-4	56
STANDARD ROADWAY DRAWINGS (15)			
CONTINUOUSLY REINFORCED CONCRETE PAVEMENT 24'-0" WIDE		CRP-1	101
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4- LANE DIVIDED HIGHWAYS	(12-01-99)	PM-1	120
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
GUARDRAIL: "W" BEAM (STEEL POSTS)	(03-01-02)	GR-1B	182
GUARDRAIL: BRIDGE END SECTIONS- TYPE "D" MODIFIED		GR-2B	186
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	(12-01-99)	GR-4	194
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAYS	(12-01-99)	GR-4A	195
GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS	(03-01-02)	GR-4C	197
GUARDRAIL: MISCELLANEOUS HARDWARE	(03-01-02)	GR-HW	202
TYPICAL GUARDRAIL DELINEATION	(03-01-02)	SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER (1-LANE CLOSURE OF TWO-WAY TRAFFIC)		TCP-1	250
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH		TCP-5	254
(INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE)(WORK DAY ONLY)			
DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMPS		TCP-12	261
TRAFFIC CONTROL PLANS FOR UNEVEN PAVEMENT DETAILS		TCP-14	263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	(12-01-99)	TCP-15	264
TOTAL NUMBER OF SHEETS (71)			

PS & E PLANS-DATE 11/16/2011		
FMS CON. # 105619/301 & 302000		
REVISIONS		
DATE	SHEET NO.	BY
12/15/11	2, 6, 11, 12, 13, & 18	KRS

DATE	REVISED SHEET DESCRIPTION REVISION	BY
12/15/11		KRS

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

IM-0010-01(138)
HANCOCK/HARRISON COUNTY

WORKING NUMBER
DI-1

SHEET NUMBER
2

FILENAME: DI-1.DGN

DESIGN TEAM ____ SIXTH ____ CHECKED _____ DATE _____

ROADWAY PLAN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
DESIGN DIVISION

12/15/2011 14:22:16 DI-1.DGN

STATE	PROJECT NO.
MISS.	IM-0010-01(138)

GENERAL NOTES

1. THE LOCATION AND SPACING OF SIGNS SHOWN ON THE TRAFFIC CONTROL PLAN ARE APPROXIMATE AND MAY BE ADJUSTED TO SUIT FIELD CONDITIONS.
2. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION. (NOT A SEPARATE PAY ITEM)
3. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS AND STRAIGHTNESS.
4. PRIOR TO PLACEMENT OF THE ASPHALT, ALL RAISED PAVEMENT MARKERS THROUGHOUT THE PROJECT SHALL BE REMOVED, PATCH SPALLING AT TRANSVERSE AND LONGITUDINAL PAVEMENT JOINTS, AND CLIP BULGING ASPHALT AT PAVEMENT JOINTS (COST ABSORBED).
5. THE CONTRACTOR SHALL PROVIDE 2 PORTABLE R16-3 SIGNS REQUIRED BY THE STANDARD DRAWINGS FOR LANE CLOSURES (THE COST IS TO BE INCLUDED IN THE PRICE BID FOR PAY ITEM NO. 618-A, MAINTENANCE OF TRAFFIC).
6. CONES SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF TEN (10) POUNDS. CONES 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.
7. 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 (NOT A SEPARATE PAY ITEM).
8. 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 STRUCTURES.
9. 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.
10. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHOULD COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
11. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
12. 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.
13. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING BRACING, SHORING, OR ANY GROUND SUPPORT SYSTEM REQUIRED TO PREVENT A FAILURE FROM OCCURRING DURING EXCAVATION. PROTECTIVE MEASURES INCLUDING THE MATERIALS AND LABOR FOR DESIGNING AND CONSTRUCTING THE FACILITY ARE NOT CONSIDERED A SEPARATE PAY ITEM.
14. ALL GUARDRAIL IS TO BE PAVED UNDER UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER.
15. REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
16. MILLED SURFACES MUST BE OVERLAYED THE SAME NIGHT THEY ARE MILLED. TRAFFIC SHALL NOT BE ALLOWED TO TRAVEL ON A MILLED SURFACE.
17. WORK REQUIRING A LANE CLOSURE WILL ONLY BE PERMITTED BETWEEN THE HOURS OF 7:00 PM AND 6:00 AM, SUNDAY THROUGH THURSDAY.
18. TWO OFFICIAL EMERGENCY CROSSOVERS (STATION 1015+20 AND STATION 237+00) ARE TO BE OVERLAYED WITH HMA, 9.5mm (ST) MIX.

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/2/2011 10:51:03 GNOTES.DGN

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

IM-0010-01(138)
HANCOCK/HARRISON COUNTY

FILENAME: GNOTES.DGN
DESIGN TEAM SIXTH CHECKED DATE

WORKING NUMBER
GN-1

SHEET NUMBER
3