

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

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BRIDGE DRAWINGS	

TOTAL SHEETS 95

①09-20-06

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. IM-0010-01(105)N

OVERLAY ON I-10 FROM PEARL RIVER BRIDGE TO BAYOU ENCIENTE HANCOCK COUNTY

FMS 104435/301000

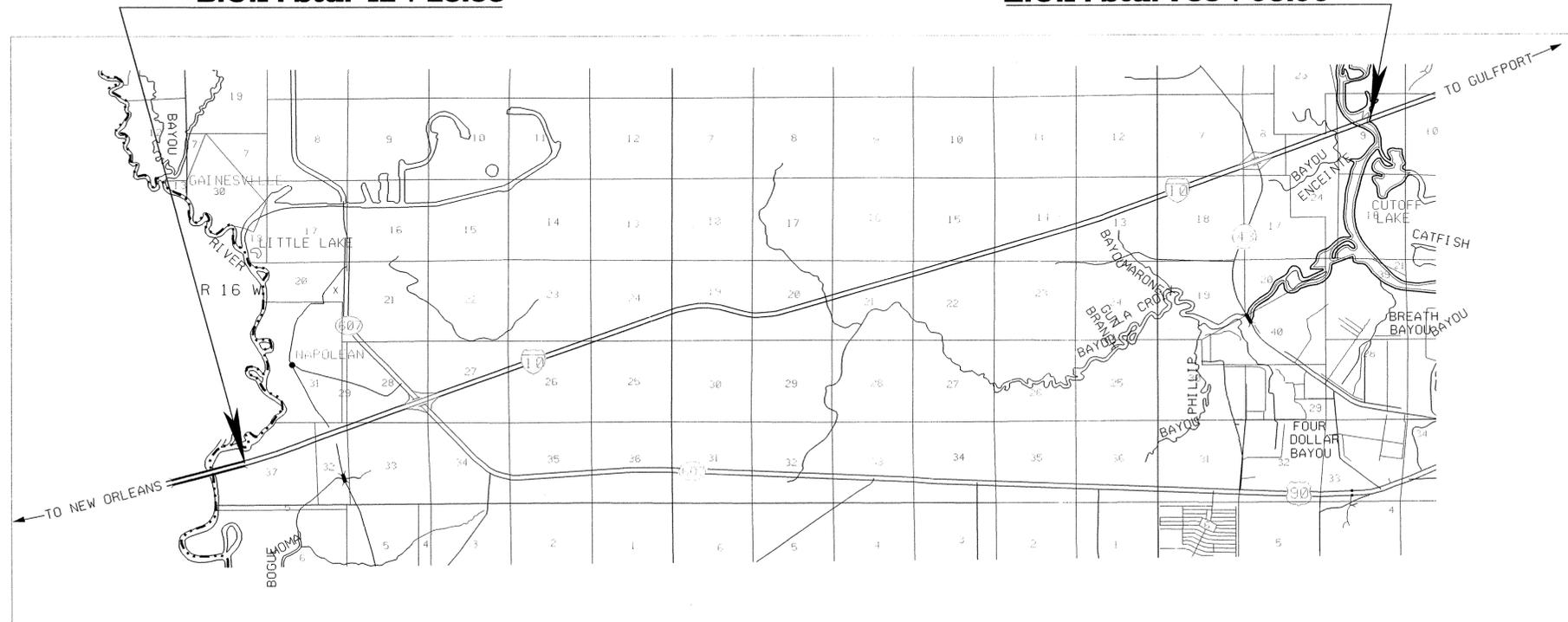
SCALES

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

B.O.P. Sta. 42 + 23.53

E.O.P. Sta. 788 + 95.96

BRIDGE STRUCTURES REQ'D.



BOX BRIDGES REQ'D.

CONVENTIONAL SYMBOLS

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

RT LANE EQUATIONS

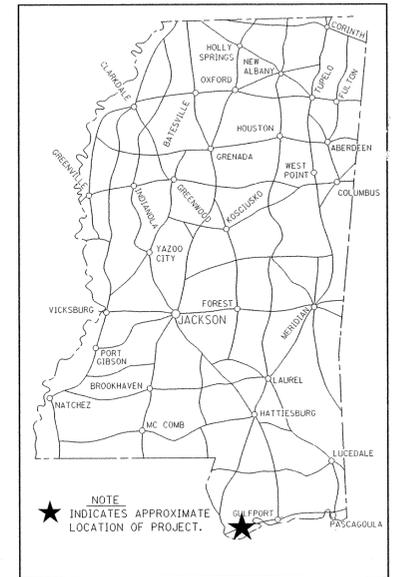
STA. 47 + 80.20 BK. =	STA. 48 + 80.20 AH.	-100.00 ft.
STA. 78 + 27.59 BK. =	STA. 78 + 22.91 AH.	+4.68 ft.
STA. 416 + 93.08 BK. =	STA. 416 + 96.70 AH.	-3.62 ft.
STA. 482 + 80.78 BK. =	STA. 482 + 78.31 AH.	+2.47 ft.
STA. 626 + 46.77 BK. =	STA. 626 + 40.10 AH.	+6.67 ft.
STA. 672 + 32.29 BK. =	STA. 672 + 23.94 AH.	+8.35 ft.
		-81.45 ft.

EXCEPTIONS

LENGTH DATA (COMPUTED ON RT. LANE)

LENGTH OF ROADWAY	74,065.24 FT.	14.027 MI.
LENGTH OF BRIDGES	524.73 FT.	0.099 MI.
LENGTH OF PROJECT (NET)		MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)		14.126 MI.

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	IM-0010-01(105)N	1



DESIGN CONTROL

70 MPH = V (SPEED DESIGN)

ADT (2007) = 35,000 ; ADT (2027) = 61,000

DHV = 6,100 ; D = 50% ; T = 27 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	Y	Y
GENERAL*	N	N
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 + INTB 6484)

S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (I TO 4.99 ACRES/INTB 6483)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: ATM DATE: 9-20-06

APPROVED:	120
BY: <i>Hamy Lee James</i>	9/20/06
CHIEF ENGINEER	DATE
BY: <i>Samuel D. ...</i>	9-20-06
EXECUTIVE DIRECTOR	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
APPROVED:	
DIVISION ADMINISTRATOR	DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

DESCRIPTION OF SHEET

REVISION DATE
WKG. NO.
SH. NO.

TITLE SHEET			1
DETAILED INDEX		DI-1	2
DETAILED INDEX		DI-2	3
GENERAL NOTES		GN-1	4
TYPICAL SECTION SHEETS (11)			
TYPICAL SECTION - LT. AND RT. LANES I-10 STA. 42+23.53 BOP TO STA. 56+10 LEFT LANE		TS-1	5
TYPICAL SECTION - LT. AND RT. LANES I-10 STA. 42+23.53 BOP TO STA. 56+10 RIGHT LANE		TS-2	6
TYPICAL SECTION - LT. AND RT. LANES I-10 STA. 56+10 TO STA. 65+00 RIGHT LANE		TS-3	7
TYPICAL SECTION - STA. 56+10 TO STA. 75+00 (LT LANE) STA. 65+00 TO STA. 84+00 (RT LANE)		TS-4	8
TYPICAL SECTION - STA. 75+00 TO WEST BR. ABUT. @ 607 (LT LANE) STA. 84+00 TO WEST BR. ABUT. @ 607 (RT LANE)		TS-5	9
TYPICAL SECTION - EAST BR. ABUT. @ 607 TO WEST BR. ABUT. @ S.R. 43 (LT & RT LANES)		TS-6	10
TYPICAL SECTION - (RAMPS) @ S.R. 607, WEIGH STATION AND S.R. 43		TS-7	11
TYPICAL SECTION - PAVING DETAILS AT BRIDGE ENDS AND RAMPS		TS-8	12
TYPICAL SECTION - RT. AND LT. LANE RUMBLE STRIPS (GROUND IN)		TS-9	13
TYPICAL SECTION - ROADSIDE CLEARING LIMIT REQUIRED		TS-10	14
TYPICAL SECTION - S.R. 607		TS-11	15
QUANTITY SHEETS (9)			
SUMMARY OF QUANTITIES		SQ-1	16
SUMMARY OF QUANTITIES		SQ-2	17
SUMMARY OF QUANTITIES		SQ-3	18
ESTIMATED QUANTITIES - GUARD RAIL REMOVAL			
ESTIMATED QUANTITIES - GUARD RAIL REQUIRED		EQ-1	19
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES REQUIRED		EQ-2	20
ESTIMATED QUANTITIES - BOX CULVERTS EXTENTIONS REQUIRED (WESTBOUND)		EQ-3	21
ESTIMATED QUANTITIES - BOX CULVERTS EXTENTIONS REQUIRED (EASTBOUND)		EQ-4	22
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS		EQ-5	23
		TCP-EQ	24
PLAN AND PROFILE SHEETS (28)			
STA. 42+23.53 (BOP) TO STA. 60+00		3	25
STA. 60+00 TO STA. 90+00		4	26
STA. 90+00 TO STA. 120+00		5	27
STA. 120+00 TO STA. 150+00		6	28
STA. 150+00 TO STA. 180+00		7	29
STA. 15+00 - STA. 35+00 @ HWY. 607		7A	30
STA. 180+00 TO STA. 210+00		8	31
STA. 210+00 TO STA. 240+00		9	32
STA. 240+00 TO STA. 270+00		10	33
STA. 270+00 TO STA. 300+00		11	34
STA. 300+00 TO STA. 330+00		12	35
STA. 330+00 TO STA. 360+00		13	36
STA. 360+00 TO STA. 390+00		14	37
STA. 390+00 TO STA. 420+00		15	38
STA. 420+00 TO STA. 450+00		16	39
STA. 450+00 TO STA. 480+00		17	40
STA. 480+00 TO STA. 510+00		18	41
STA. 510+00 TO STA. 540+00		19	42
STA. 540+00 TO STA. 570+00		20	43
STA. 570+00 TO STA. 600+00		21	44
STA. 600+00 TO STA. 630+00		22	45
STA. 630+00 TO STA. 660+00		23	46
STA. 660+00 TO STA. 690+00		24	47
STA. 690+00 TO STA. 720+00		25	48
STA. 720+00 TO STA. 750+00		26	49
STA. 258+48.77 - STA. 275+00 @ HWY. 43		26A	50
STA. 750+00 TO STA. 780+00		27	51
STA. 780+00 TO STA. 788+45.85 @ (EOP)		28	52

DESCRIPTION OF SHEET

REVISION DATE
WKG. NO.
SH. NO.

SPECIAL DESIGN SHEETS (9)			
TRAFFIC CONTROL PLAN SHEET		TCP-17	53
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE		TCP-SC	54
VEGETATION SCHEDULE		VS-1	55
MISCELLANEOUS CONSTRUCTION DETAILS		MCD-1	56
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 4 FT. - SPANS 8-20 FT.			
WINGS WITH 4:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHTS 4-12 FT. - SPANS 4-24 FT.		SD-IBS-4-2W	57
WINGS WITH 4:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHTS 4-12 FT. - SPANS 4-24 FT.		SD-IWS-4	58
BOX BRIDGE AT STA. 330+26.41 (LT. LANE), STA. 331+51.41 (RT. LANE)		SD-IWS-4A	59
BOX BRIDGE AT STA. 330+26.41 (LT. LANE), STA. 331+51.41 (RT. LANE)		AA-1	60
BOX BRIDGE AT STA. 330+26.41 (LT. LANE), STA. 331+51.41 (RT. LANE)		AA-2	61
STANDARD DRAWINGS (21)			
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	(12-01-99)	PM-1	120
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS (PARALLEL AND TAPERS)	(12-01-99)	PM-3	122
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS (PARALLEL AND TAPERS)	(12-01-99)	PM-4	123
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
EROSION CONTROL			
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)		EC-1	140
		TEC-1	142
GUARDRAIL: "W" BEAM (STEEL POSTS)			
GUARDRAIL: BRIDGE END SECTIONS TYPE "A" & "C"	(3-01-02)	GR-1B	182
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS		GR-2	184
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	(12-01-99)	GR-4	194
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	(12-01-99)	GR-4A	195
GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS	(3-01-02)	GR-4C	197
GUARDRAIL: MISCELLANEOUS HARDWARE	(3-01-02)	GR-HW	202
TYPICAL INSTALLATION OF DELINEATION		SN-8A	234
TYPICAL GUARDRAIL DELINEATION	(3-01-02)	SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE LANE CLOSURE OF TWO-WAY TRAFFIC)		TCP-1	250
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)		TCP-4	253
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE)(WORK DAY ONLY)		TCP-5	254
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		TCP-15	264
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328

10/13/2006 11:44:46 DI.DGN

PS & E PLANS-DATE-09-20-06		
FMS CON. # 104435/301000		
REVISIONS		
DATE	SHEET NO.	BY
10/11/06	16	JDA

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. IM-0010-01(105)N	
COUNTY : HANCOCK	
WORKING NUMBER	DI-1
FILENAME: DI1.DGN	SHEET NUMBER
DESIGN TEAM 6+H DISTRICT CHECKED	DATE
	2

