

**GENERAL INDEX**

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX	1
GENERAL NOTES	3
TYPICAL SECTIONS	2
QUANTITIES	11
PLAN AND PROFILES	5
SPECIAL DESIGN - ROADWAY ITEMS	38
BRIDGE DRAWINGS	0
SPECIAL DESIGN - BRIDGES	18
CROSS-SECTIONS	10
<b>TOTAL SHEETS</b>	<b>88</b>

009-14-05

**STATE OF MISSISSIPPI**

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-0610-00(013)**

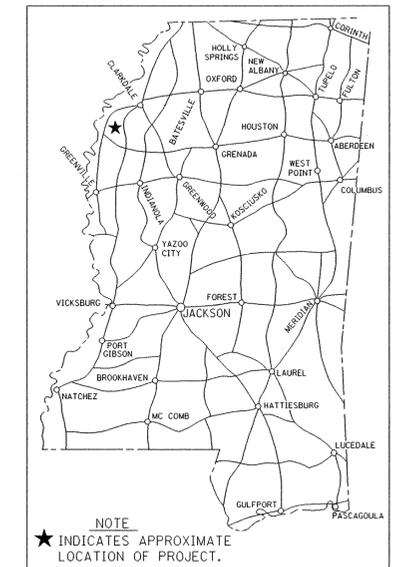
**SR-444 @ HUSHPUCKENA RIVER  
BRIDGE REPLACEMENT  
BOLIVAR COUNTY**

**102508/301000**

**SCALES**

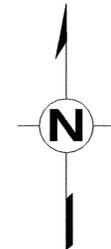
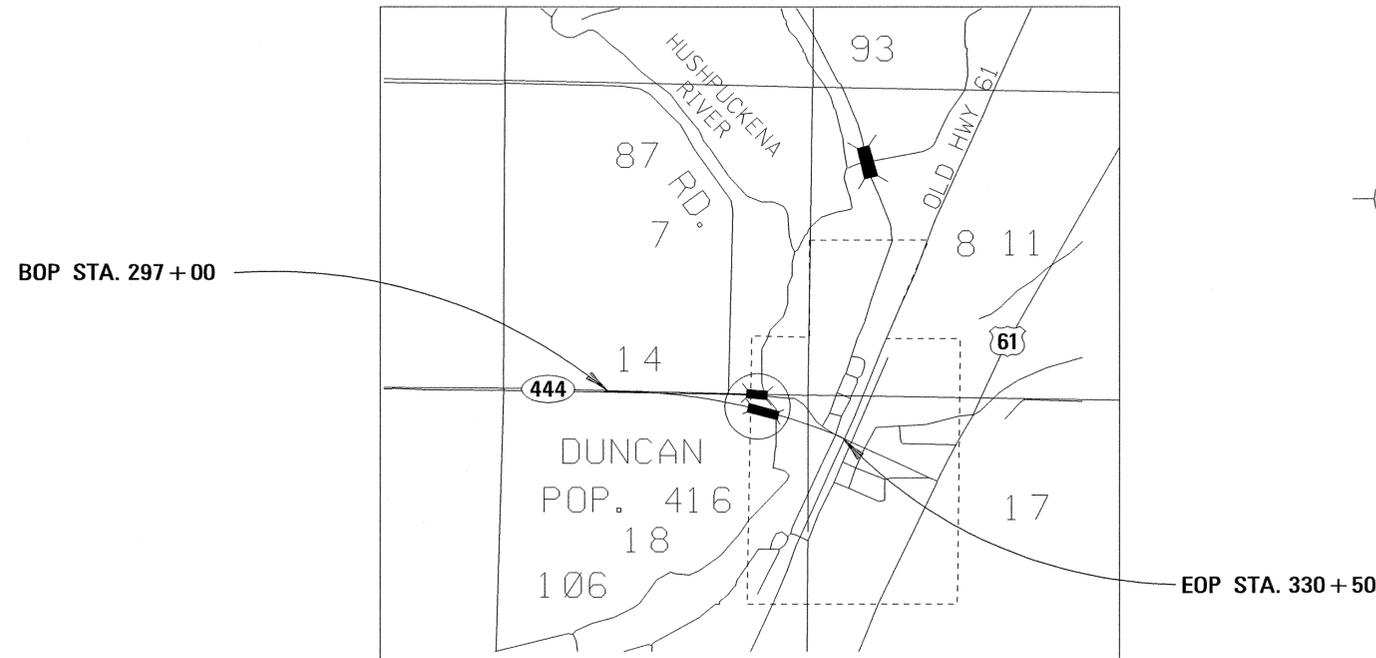
**PLAN 1 IN. = 100 FT.**  
**PROFILE { HOR. 1 IN. = 100 FT.**  
**{ VERT. 1 IN. = 10 FT.**  
**LAYOUT 1 IN. = 1000 FT.**

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR-0610-00(013)	1



**BRIDGE STRUCTURES REQ'D.**

BR. NO. 5.9  
 STA. 15+30.81  
 SPAN ARR. (1@60', 1@80', 1@60')  
 20° RT. FWD.  
 202.40' ALONG C



**DESIGN CONTROL**

55 MPH = V (SPEED DESIGN)

ADT (2000) = 640 ; ADT (2020) = 1100

DHV = 130 ; D = 55% ; T = 8%

**PERMITS ACQUIRED BY MDOT**

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

	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

**STORMWATER PERMIT**

Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA - 5 ACRES - INTB 6484)

S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (INTB 6483)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: CKP DATE: 9/12/05

**CONVENTIONAL SYMBOLS**

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

LENGTH OF ROADWAY	2934.48 FT.	.556	MI.
LENGTH OF BRIDGES	202.4 FT.	.038	MI.
LENGTH OF PROJECT (NET)		.594	MI.
LENGTH OF EXCEPTIONS	FT.		MI.
LENGTH OF PROJECT (GROSS)		.594	MI.

**EQUATIONS**

**300+00 BK = 0+00 AH**  
**25+94 BK = 328+07.119 AH**

**LENGTH DATA**

**EXCEPTIONS**

REVISIONS	DATE	BY	APPROVED:	DATE
			<i>Harry Lee James</i>	9/12/05
			<i>John A. Demore</i>	9-12-05
			MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
			APPROVED:	
			DIVISION ADMINISTRATOR	DATE
			FEDERAL HIGHWAY ADMINISTRATION	
			DEPARTMENT OF TRANSPORTATION	

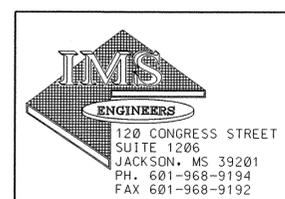
1st O. REV.

STATE	PROJECT NO.
MISS.	BR-0610-00(013)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	12-01-99	GR-4A 195
DETAILED INDEX & GENERAL NOTES (3)			TYPICAL GUARDRAIL DELINEATION	03-01-02	SN-8C 236
DETAILED INDEX	DI-1	2	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE OF TWO WAY TRAFFIC)	TCP-1	250
DETAILED INDEX (BRIDGE)	DI-2	3	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION	TCP-10	259
GENERAL NOTES	GN-1	4	TRAFFIC CONTROL PLANS MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	12-01-99	TCP-11 260
TYPICAL SECTION SHEETS (2)			RURAL DRIVEWAYS	RD-1	271
TYPICAL SECTION - MAIN FACILITY	TS-1	5	TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	GT-1	272
TYPICAL SECTION - ACCESS ROAD	TS-2	6	SUPERELEVATION TRANSITION - CASE I (2% NORMAL SUBGRADE)	03-01-02	SE-2A 276
QUANTITY SHEETS (11)			DRIVEWAYS, CURB AND GUTTER & SIDEWALK	SD-1	287
SUMMARY OF QUANTITIES	SQ-1	7	MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT 2. EXCAVATION AT GRADE POINTS	MDS-1	290
SUMMARY OF QUANTITIES	SQ-2	8	DETAILS OF PAVED FLUMES	PF-1	291
SUMMARY OF QUANTITIES (BRIDGE)	SQ-3	9	PIPE CULVERT INSTALLATION	PI-1	300
SUMMARY OF PERMANENT SIGNING QUANTITIES	SQ-4	9.1	FLARED END SECTION FOR CONCRETE PIPE	FE-1	328
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-1	10	SPECIAL DESIGN - BRIDGE DRAWINGS (18)		
ESTIMATED QUANTITIES	EQ-2	10.1	CROSS SECTIONS (10)		
ESTIMATED QUANTITIES	EQ-3	11	HWY444 STA. 0+00 - STA.25+00		901-910
ESTIMATED BRIDGE QUANTITIES	EQ-4	12	TOTAL SHEETS (88)		
STANDARD ROADSIDE SIGN QUANTITIES	SRS-1A	12.1			
STANDARD ROADSIDE SIGN QUANTITIES	SRS-2	12.2			
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	TCPQ-1	13			
PLAN & PROFILE SHEETS (5)					
B.O.P. TO STA. 19+00	WK3	14			
LOCAL ROAD STA. 0+00 TO STA.1+20	WK3A	15			
STA. 19+00 TO E.O.P.	WK4	16			
ACCESS ROAD STA. 22+00 TO STA. 25+25.471	WK4A	17			
LOCAL ROAD STA. 0+00 TO STA. 1+29.08	WK4B	18			
SPECIAL DESIGN SHEETS (16)					
DETAIL OF CONSTRUCTION SIGNING	DCS	19			
DETAIL OF INTERSECTION @ STA. 8+19.33	IC-1	20			
DETAIL OF INTERSECTION @ STA. 20+50 AND STA. 24+62.01	ID-2	21			
TYPICAL TRAFFIC CONTROL PLANS	TCP-1	22			
TYPICAL TRAFFIC CONTROL PLANS	TCP-2	23			
PAVEMENT MARKING DETAIL OF INTERSECTION @ STA. 8+19.33	PMD-1	24			
PAVEMENT MARKING DETAIL OF INTERSECTIONS @ STA. 20+50 @ STA. 24+62.01 (S.R. 444)	PMD-2	25			
VEGETATION SCHEDULE	VS-1	26			
MISCELLANEOUS TYPICAL SECTION DETAILS TWO-WAY TRAFFIC	MSD	27			
LOCATION OF R16-3	LOR	28			
RIGHT OF WAY MARKERS	RW-1	29			
GUARDRAIL: BRIDGE END SECTION, TYPE "I" (WOOD POSTS)	GR-2F	30			
GUARDRAIL: BRIDGE END SECTION, TYPE "I" (STEEL POSTS)	GR-2G	31			
GUARDRAIL: RUB RAIL HARDWARE SHEET	GR-RR	32			
PERMANENT SIGNING PLAN	PSP-1	33			
▲ SURCHARGE AND SETTLEMENT PLATE DETAILS	SPD-1	34			
STANDARD DRAWINGS - ROADWAY SHEETS (22)					
BRIDGE END PAVEMENT	BE-1	107			
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	PM-1	120			
EROSION CONTROL	EC-1	140			
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 POST)	03-01-02	GR-1			180
GUARD RAIL : THRIE BEAM (WOOD POST)	03-01-02	GR-1A			181
GUARD RAIL : "W" BEAM (STEEL POST)	03-01-02	GR-1B			182
GUARD RAIL : MODIFIED THRIE BEAM (STEEL POST)	03-01-02	GR-1C			183

ROADWAY DESIGN PLAN CLASS. SECTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PS & E PLANS-DATE - 9-14-05		
FMS CON. # 102508/301000		
REVISIONS		
DATE	SHEET NO.	BY
10-20-05	2, 4, 7, 11, 14, 26, 34	GTW
7/7/06	7, 22, & 23	GTW
7/18/06	7, 8 & 11	GTW



MISSISSIPPI DEPARTMENT OF TRANSPORTATION		112	
<b>DETAILED INDEX</b>			
PROJECT NO. BR-0610-00(013)		COUNTY : BOLIVAR	
DATE	REVISION	FILENAME: INDEX444.DGN	WORKING NUMBER
10/20/05	REVISED SHEET DESCRIPTION	DESIGN TEAM: IMS	DI-1
		CHECKED: _____	SHEET NUMBER
		DATE: _____	2

**1st O. REV.**  
**DESCRIPTION OF SHEETS**  
**SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS**

STATE	PROJECT NO.
MISS.	BR-0610-00(013)

DESCRIPTION OF SHEETS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 15+30.81		
MS HWY. NO. 444 ACROSS HUSHPUCKENA RIVER	1 OF 18	466
FOUNDATION PLAN	2 OF 18	467
GENERALIZED SOIL PROFILE	3 OF 18	468
END BENT NO. 1 DETAILS	4 OF 18	469
END BENT NO. 4 DETAILS	5 OF 18	470
END BENT DETAILS	6 OF 18	471
INT. BENT NO. 2 DETAILS	7 OF 18	472
INT. BENT NO. 3 DETAILS	8 OF 18	473
60 FT. PLAN OF SPAN NO.1 DETAILS	9 OF 18	474
80 FT. PLAN OF SPAN NO.2 DETAILS	10 OF 18	475
60 FT. PLAN OF SPAN NO.3 DETAILS	11 OF 18	476
60 FT. SPAN NO.1&3 SECTION DETAILS	12 OF 18	477
80 FT. SPAN NO.2 SECTION DETAILS	13 OF 18	478
MISC. SPAN DETAILS	14 OF 18	479
RAILING DETAILS	15 OF 18	480
60 FT. BEAM DETAILS (TYPE II+2)	16 OF 18	481
80 FT. BEAM DETAILS (TYPE III)	17 OF 18	482
PRESTRESS CONCRETE PILE DETAILS	18 OF 18	483

BRIDGE DIVISION		
DATE	SHEET NO.	BY
10/13/05	466, 467, 469, 470	0XB



STRUCTURE KEY:	
BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
DETAILED INDEX	
PROJECT 102508/301000 BR-0610-00(013)	
BOLIVAR COUNTY	
WORKING NUMBER	DI-2
SHEET NUMBER	3
DESIGNED: KFE	DETAILED: KFE
CHECKED: TJA	ISSUED: DATE