

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX AND GENERAL NOTES	2
TYPICAL SECTIONS	3
QUANTITIES	6
PLAN AND PROFILES	2
SPECIAL DESIGN - ROADWAY ITEMS	9
BRIDGE DRAWINGS	17
SPECIAL DESIGN - BRIDGES	1
CROSS-SECTIONS	5
TOTAL SHEETS	46

05-12-06

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-2171-00(016)

BRIDGE # 43.4 - BRIDGE REPLACEMENT CROSSING WOLF CREEK ON U.S. HWY. 11 APPROXIMATELY 5 MILES SOUTH OF LUMBERTON, MS PEARL RIVER COUNTY

102520/301000 CONST.

SCALES

PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 1500 FT.

BRIDGE STRUCTURES REQ'D.

STA. 514+95.21 TO STA. 517+76.79
7 @ 40' SPAN BRIDGE

BOX BRIDGES REQ'D.

NOTES

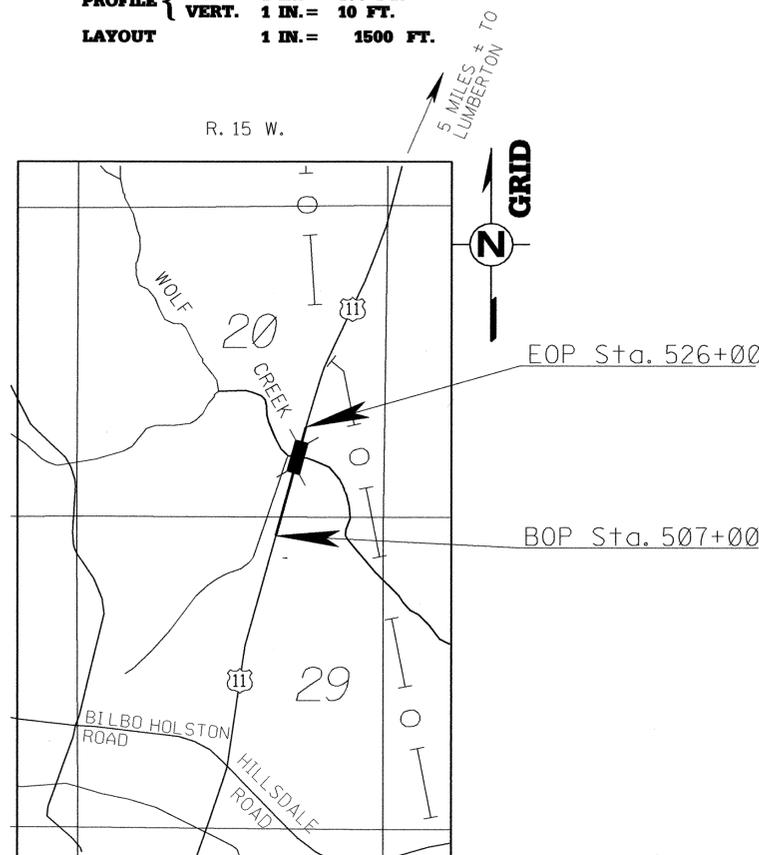
COORDINATES DERIVED FROM GPS SURVEY TIED TO:
NAD'83(93) MS EAST ZONE

Control Station	NORTH (FT)	EAST (FT)
NGS STATION G 160	588,697.476	747,199.205
ARIADNE	485,974.428	763,261.449

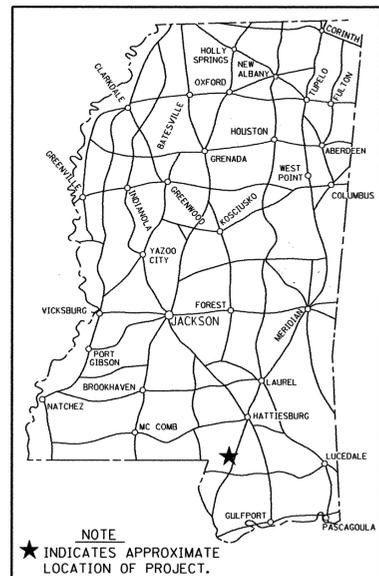
All azimuths and distances are NAD'83(93) MS East Zone GRID values
All elevations are NAVD 88

CONVERSION VALUES

GRID TO GROUND FACTOR	1.000007619
Grid to Geodetic Azimuth	-00°19'16.5"



FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR-2171-00(016)	1



DESIGN CONTROL

55 MPH = V (SPEED DESIGN)

ADT (2002) = 1700; ADT (2022) = 2900
DHV = 350 : D = 50 % T = 10 %

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

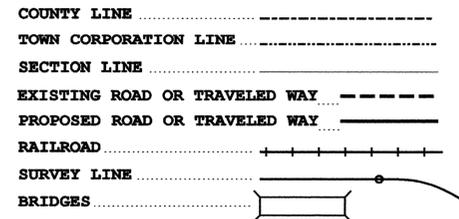
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

STORMWATER PERMIT S

Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + (NTB 840M))
S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (NTB 838M)
N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: ATM DATE: 5/11/06

CONVENTIONAL SYMBOLS



EQUATIONS

LENGTH DATA

LENGTH OF ROADWAY	1,618.42 FT.	0.306 MI.
LENGTH OF BRIDGES	281.58 FT.	0.053 MI.
LENGTH OF PROJECT (NET)		0.360 MI.
LENGTH OF EXCEPTIONS	0000.00 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		0.359 MI.

EXCEPTIONS

APPROVED: *Harry Lee James* 5/11/06
CHIEF ENGINEER DATE

APPROVED: *[Signature]* 5/11/06
EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED: _____ DATE _____
DIVISION ADMINISTRATOR

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 514+95.21		
US 11 ACROSS WOLF CREEK	1 OF 17	466
US 11 ACROSS WOLF CREEK	2 OF 17	467
US 11 ACROSS WOLF CREEK	3 OF 17	468
GENERALIZED SOIL PROFILE	4 OF 17	469
END BENT NO. 1 & 8 DETAILS	5 OF 17	470
END BENT DETAILS	6 OF 17	471
INT. BENT NO. 2, 4 & 7 DETAILS	7 OF 17	472
INT. BENT NO. 3 & 6 DETAILS	8 OF 17	473
INT. BENT NO. 5 DETAILS	9 OF 17	474
40 FT. SPAN DETAILS	10 OF 17	475
40 FT. PLAN OF SPAN NO. 1, 2, 3, 6 & 7 DETAILS	11 OF 17	476
40 FT. PLAN OF SPAN NO. 4 & 5 DETAILS	12 OF 17	477
MISC. SPAN DETAILS	13 OF 17	478
RAILING DETAILS	14 OF 17	479
40 FT. BEAM DETAILS (TYPE 1+2) (END SPAN)	15 OF 17	480
40 FT. BEAM DETAILS (TYPE 1+2) (INT. SPAN)	16 OF 17	481
PRESTRESS CONCRETE DETAILS	17 OF 17	482
DETOUR BRIDGE AT STA. 16+05.00		
US 11 ACROSS WOLF CREEK	DB1 OF 1	483

BRIDGE DEVISION		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION BRIDGE AT STA. 514+95.21	
<i>DETAIL INDEX</i>	
PROJECT 102520/301000 BR-2171-00(016)	
PEARL RIVER	COUNTY
DESIGNED <u>TJA/BLB</u> DETAILED <u>BLB</u> TRACED <u>CADD</u>	WORKING NUMBER <i>DI-2</i>
CHECKED <u>KLC</u> ISSUED <u>MKC</u> DATE <u>5/12/06</u>	SHEET NUMBER <i>3</i>