

GENERAL INDEX

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07-13-07

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. HSIP-0063-02(024)

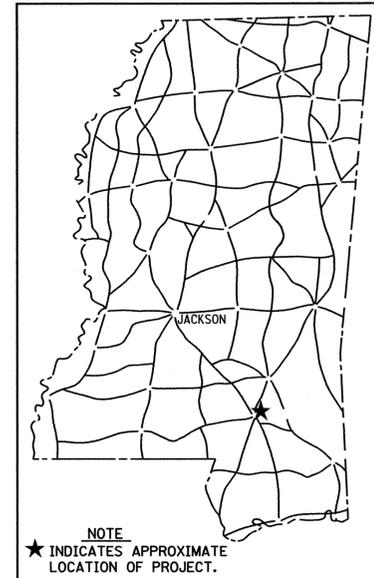
SR 42 AT PETAL HIGH SCHOOL FORREST COUNTY, MS

METRIC RATIOS

PLAN	1 : 1000
PROFILE	HOR. 1 : 1000
	VERT. 1 : 100
LAYOUT	1 : 50000

FMS NO: 104896/301000 CONSTRUCTION

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS	HSIP-0063-02(024)	1



LATITUDE: 31° 21' 00" N LONGITUDE: 89° 12' 17" W

DESIGN CONTROL

88	KMH = V (SPEED DESIGN)
ADT (2010) = 15,000	ADT (2030) = 36,000
DHV = 3,600	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)*	N	N
GENERAL*	N	N
INDIVIDUAL (404)*	N	N

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

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)

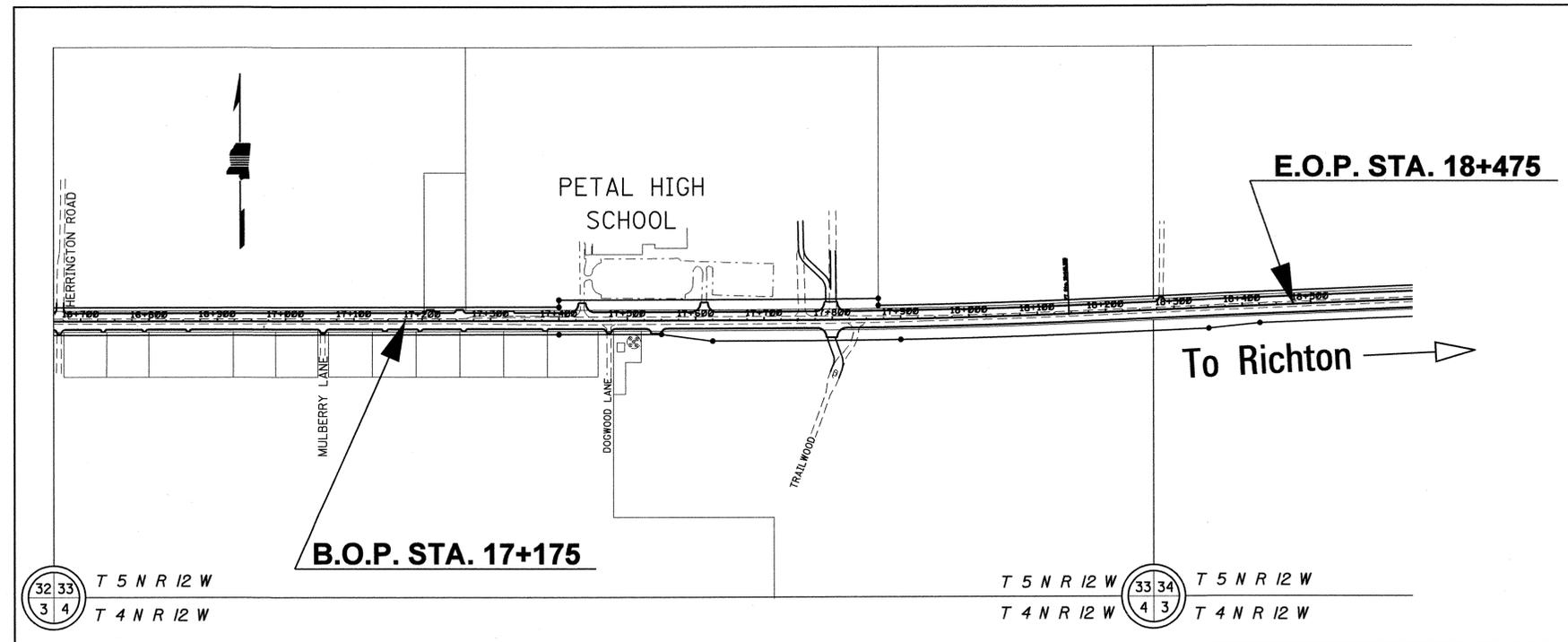
APPROVED BY: ATM DATE: 7-13-07

BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE



EQUATIONS

NONE

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	1,300.000 Meters	1.300 KM
LENGTH OF BRIDGES	0.000 Meters	0.000 KM
LENGTH OF PROJECT (NET)		1.300 KM
LENGTH OF EXCEPTIONS	0.000 Meters	0.000 KM
LENGTH OF PROJECT (GROSS)	1,300.000 Meters	1.300 KM

CONVENTIONAL SYMBOLS

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



APPROVED:	<i>Hamy Lee James</i>	7/13/07
CHIEF ENGINEER		DATE
APPROVED:	<i>Samuel P. James</i>	7-13-07
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

TITLE ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

7/13/2007 7:54 AM COVER.DGN

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

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DESCRIPTION OF SHEET

WKG. NO. SH. NO.

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METRIC PLAN AND SECTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PS & E PLANS-DATE: 7-13-07		
FMS CON. # 104896 / 301000		
REVISIONS		
DATE	SHEET NO.	BY
8/6/2007	10, 11, 18	JBM
8/9/2007	10, 11, 18	JBM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		124	
DETAILED INDEX			
STATE ROUTE 42 AT PETAL HIGH SCHOOL			
PROJ NO: HSIP-063-02(024) COUNTY: FORREST			
FILENAME: detail index.dgn		WORKING NUMBER DI-1	
DESIGN TEAM BAKER		CHECKED JBM DATE 2007	
		SHEET NUMBER 2	



GENERAL NOTES

STATE	PROJECT NO.
MISS.	HSIP-063-02(024)

- ① THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- ② 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 MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
- ③ 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- ④ 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 ITEMS.
- ⑤ EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF 4 BALES PER EVERY 8 TO 30 LINEAR METERS OF DITCH AND 4 BALES AT EACH PIPE OUTLET. THIS IS REQUIRED AS A TEMPORARY EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES ARE INSTALLED. THE ENGINEER WILL DETERMINE THE ACTUAL LOCATION AND NUMBER OF BALES DURING THE CONSTRUCTION OF THE PROJECT. (SEE WK. NO. TEC-1 FOR DETAILS.)
- ⑥ 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.
- ⑦ ALL PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC, 600-mm 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).
- ⑧ ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
- ⑨ THE ENDS OF EXISTING PIPES TO BE ABANDONED IN PLACE SHALL BE PLUGGED WITH CONCRETE (NOT A SEPARATE PAY ITEM).
- ⑩ UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF-WAY. 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.
- ⑪ WORK ON STRUCTURES 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, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
- 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 ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- ⑭ ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHOULD COMPLY WITH PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
- ⑮ THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM RESPONSIBILITY. 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 THAT PLAN DURING CONSTRUCTION.
- ⑯ THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).
- ⑰ REMOVAL OF RAISED PAVEMENT MARKERS IS NOT A SEPARATE PAY ITEM.

METRIC PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PUBLIC UTILITIES

MS One-Call 800.227.6477	Comcast Cable 601.579.3967	Centerpoint Energy 601.824.8052	City of Petal Water & Sewer 601.544.6981
Barrontown Water Association 601.606.1803	AT&T (Formerly Bellsouth) 601.601.8779	Dixie Electric Power Association 601.425.2535	

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
		STATE ROUTE 42 AT PETAL HIGH SCHOOL	
		PROJ NO: HSIP-063-02(024)	
		COUNTY: FORREST	
DATE	REVISION	FILENAME: <u>generalnotes.dgn</u>	 WORKING NUMBER GN-1 SHEET NUMBER 3
		DESIGN TEAM <u>BAKER</u> CHECKED <u>JBM</u> DATE <u>2007</u>	