

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. HSIP-1164-00(013)**

② 11-15-07

SR 589 AND OLD HWY 24 FMS CONST. 104654/301000
OAK GROVE, LAMAR COUNTY

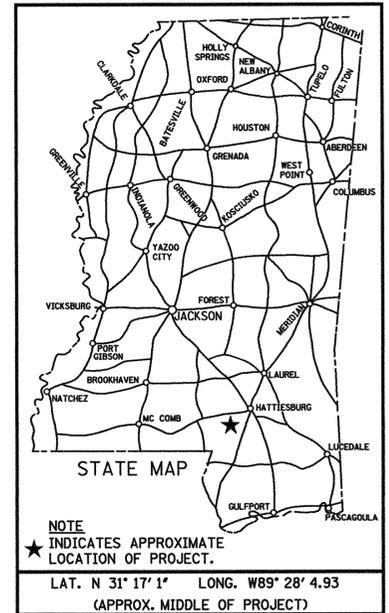
E.O.P. STA. 513+35.65



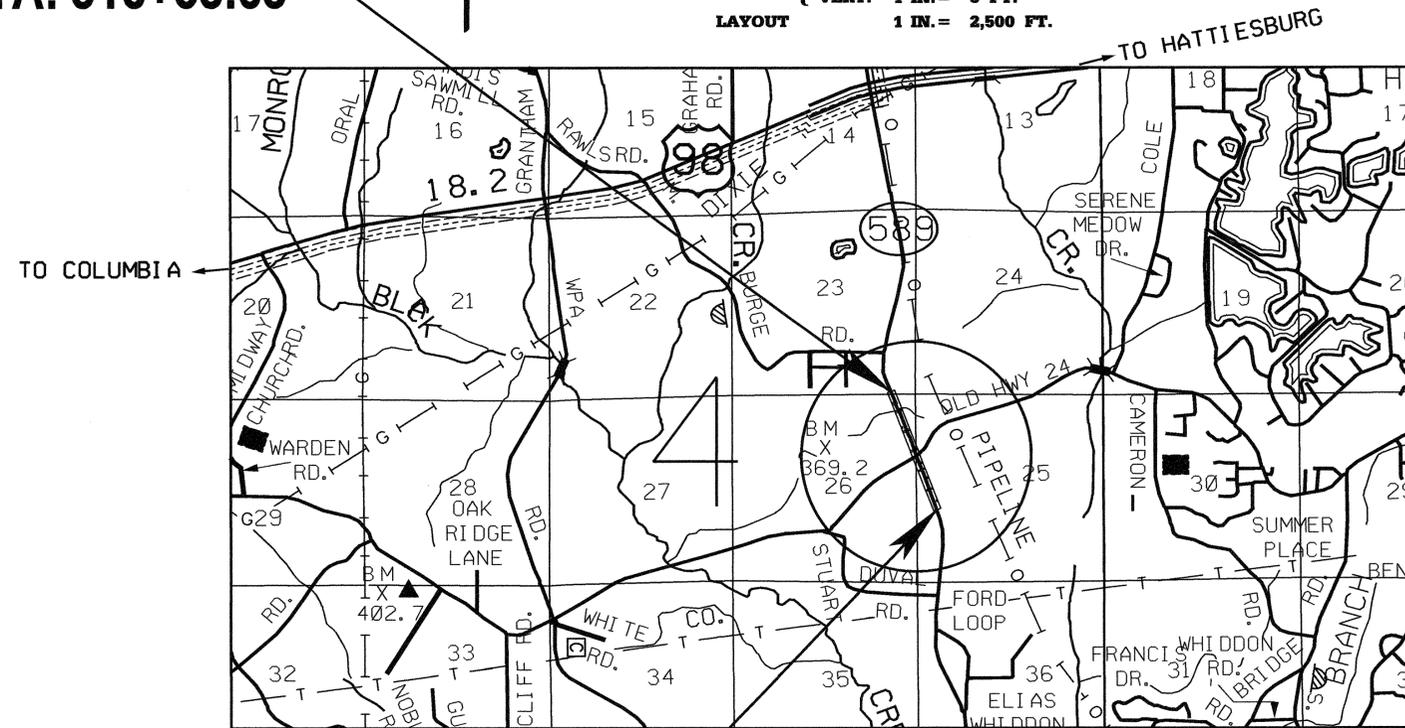
SCALES

PLAN	1 IN. = 20 FT.
PROFILE	HOR. 1 IN. = 20 FT.
	VERT. 1 IN. = 5 FT.
LAYOUT	1 IN. = 2,500 FT.

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	HSIP-1164-00(013)	1



BRIDGE STRUCTURES REQ'D.



BOX BRIDGES REQ'D.

B.O.P. STA. 481+00.00

CONVENTIONAL SYMBOLS

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

EQUATIONS

LENGTH DATA

LENGTH OF ROADWAY	3235.65 FT.	.613 MI.
LENGTH OF BRIDGES	0 FT.	0 MI.
LENGTH OF PROJECT (NET)	3235.65 FT.	.613 MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)	3235.65 FT.	.613 MI.

EXCEPTIONS

DESIGN CONTROL		
55	MPH = V	(SPEED DESIGN)
ADT (2007) = 2,700	: ADT (2027) = 4,600	
DHV = 510	: D = 60 %	T = 13 %
PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):		
	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL*	<input type="checkbox"/>	<input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR		
	STORMWATER PERMIT	<input checked="" type="checkbox"/>
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + INTB 586)	
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (INTB 14)	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY: <u>ATM</u> DATE: <u>11-13-07</u>		

11/17/2007 09:55:23 TITLE.DGN

REVISIONS	BY	APPROVED:	123
	DATE	<i>Hamy Lee James</i>	11/13/07
		CHIEF ENGINEER	DATE
		<i>Scott R. ...</i>	11-13-07
		EXECUTIVE DIRECTOR	DATE
		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		APPROVED:	
		DIVISION ADMINISTRATOR	DATE
		FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

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NEEL-SCHAFFER, INC.

PS & E PLANS-DATE 11/15/07		
FMS CON. # 104654/301000		
REVISIONS		
DATE	SHEET NO.	BY
1/29/08	26,32,37,51,59,66	SSV
8/25/08	11	ATM
9/9/08	11 & 12	ATM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
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County: LAMAR	SHEET NUMBER 2
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DESCRIPTION OF SHEET

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SHT. NO.
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County: LAMAR			DI-2
DATE	FILENAME:	DETAIL INDEX.dgn	SHEET NUMBER
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GENERAL NOTES

1. FOR LIST OF PUBLIC UTILITIES, SEE WK. SH. NO. 3.
2. EXISTING UNDERGROUND UTILITY LINES SHOWN ON THE DRAWINGS ARE BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. 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.
3. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
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 SHOULD 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. 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 DESIGN AND INSTALL BRACING, SHORING, OR GROUND SUPPORT SYSTEMS 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.
6. REMOVAL OF RAISED PAVEMENT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
7. 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.
8. ALL PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC, 24" 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).
9. ALL DRIVEWAYS SHALL BE SAWCUT AT R.O.W. OR AS DIRECTED BY THE ENGINEER. COST TO BE ABSORBED.
10. ALL EXISTING CULVERT PIPES OR OTHER OBSTRUCTIONS WHICH CONFLICT WITH REQUIRED CONSTRUCTION SHALL BE REMOVED AT CONTRACTOR'S EXPENSE AS AN ABSORBED ITEM. PLUG ENDS OF EXISTING PIPES TO BE ABANDONED IN PLACE WITH CONCRETE (ABSORBED ITEM).
11. 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 (ABSORBED ITEM).
12. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT AND STRAIGHTNESS.
13. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
14. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLAN, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
15. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
16. PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.
17. SOME WORK MAY BE REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
18. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. 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 THE PLAN DURING CONSTRUCTION.
19. ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
20. ALL POLES, PULLBOXES, CONTROLLERS AND PAVEMENT MARKINGS SHALL BE FIELD LOCATED BY THE ENGINEER AND THE CONTRACTOR AT THE NEAREST PRACTICAL LOCATION INDICATED ON THE PLAN SHEETS.
21. ALL RAISED OBJECTS ARE TO BE PLACED A MINIMUM OF 2.5 FT. BEHIND THE FACE OF CURB. NEW TRAFFIC SIGNAL TO BE PLACED A MINIMUM OF 10 FT. BEHIND THE FACE OF CURB EXCEPT WHERE IN CONFLICT WITH UTILITIES OR RIGHT-OF-WAY.
22. CONTRACTOR TO VERIFY ALL MAST ARM POLE LOCATIONS TO BE SURE THERE ARE NO UTILITY CONFLICTS PRIOR TO ORDERING POLES.
23. CONTROLLER TIMINGS TO BE PROVIDED BY THE ENGINEER.
24. CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE. ALL COSTS ASSOCIATED WITH THIS SHALL BE ABSORBED INTO THE PAY ITEMS. SEE NOTE 16, TSD-1.
25. SEE SHEET WORKING NUMBER TSD-1 FOR ADDITIONAL GENERAL NOTES.
26. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
27. 25% SHRINKAGE FACTOR AND THE BALANCE POINTS USED IN THE EARTHWORK DIAGRAM ARE FOR DESIGN PURPOSES ONLY.
28. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

11/7/2007 08:40:06 GENERAL NOTES.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY PLAN DIVISION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		General Notes	
		SR589 @ Old Hwy 24	
		Project No.: HSIP-1164-00(013)	
		County: LAMAR	
		WORKING NUMBER GN-1	
		SHEET NUMBER 4	
DATE	DESIGN TEAM	FILENAME: genrealnotes.dgn	CHECKED
			DATE