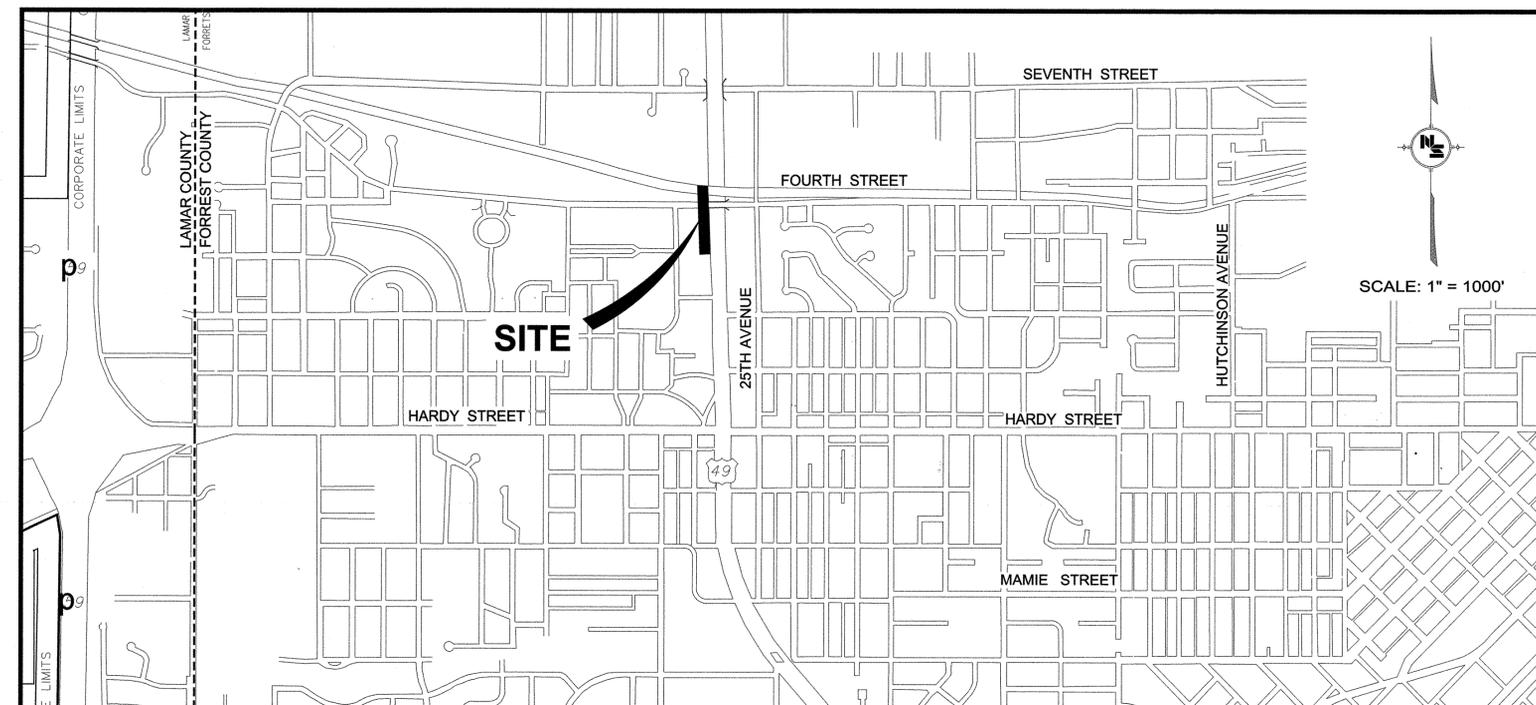
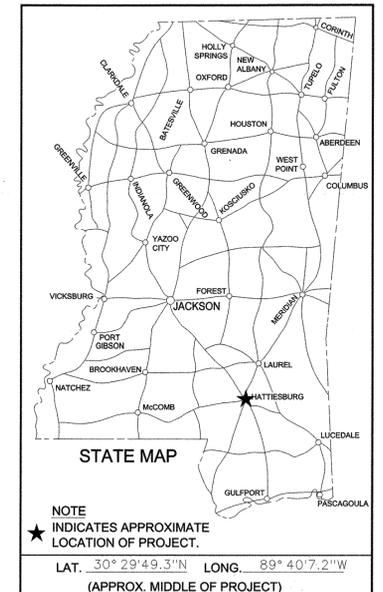


STATE OF MISSISSIPPI
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**PLANS OF PROPOSED
 LONGLEAF TRACE AT US 49
 FRONTAGE ROAD SITE IMPROVEMENTS
 FEDERAL AID PROJECT NO. STP-0210-00(022)
 FORREST COUNTY**

FMS# 105825-301000

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP-0210-00(022)	1



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		
STORMWATER PERMIT <input checked="" type="checkbox"/> N		
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED 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: SCR DATE: 12/14/09		

APPROVED:	<i>Wade M. Smith</i>	12/17/09
CHIEF ENGINEER		DATE
APPROVED:	<i>Raymond R. Brown</i>	12/17/09
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION DIRECTOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

7/21/2009 COVER SHEET MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1 st O. REV.

STATE	PROJECT NO.
MISS.	STP-0210-00(022)

<u>DESCRIPTION OF SHEET</u>	<u>WKG. NO.</u>	<u>SHT. NO.</u>	<u>WKG. NO.</u>	<u>SHT. NO.</u>
TITLE SHEET (1)		1		
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DETAILED INDEX	DI-1	2		
GENERAL NOTES	GN-1	3		
TYPICAL SECTION SHEETS (3)				
TYPICAL SECTIONS	TS-1	4		
TYPICAL SECTIONS	TS-2	5		
TYPICAL SECTION - RETAINING WALL	TS-3	6		
DEMOLITION SHEETS (1)				
EXISTING CONDITIONS AND DEMOLITION PLAN	DEMO-1	7		
QUANTITY SHEETS (2)				
SUMMARY OF QUANTITIES	SQ-1	8		
SUMMARY OF QUANTITIES	SQ-2	9		
PLAN SHEETS (2)				
OVERALL SITE PLAN	SP-1	10		
PLAN AT RETAINING WALL	SP-2	11		
LAYOUT SHEETS (1)				
SIDEWALK LAYOUT	SL-1	12		
PLAN & PROFILE SHEETS (1)				
PLAN AND PROFILE - LONGLEAF TRACE	PP-1	13		
SPECIAL DESIGN SHEETS (18)				
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TRAFFIC CONTROL PLAN	TC-2	15		
TRAFFIC CONTROL PLAN: FOR POSTED SPEED LIMIT LESS THAN 65 MPH	SDTCP-3	16		
TRAFFIC CONTROL PLAN: PEDESTRIAN TRAFFIC CONTROL	SDTCP-17	17		
STORM DRAINAGE PLAN	SD-1	18		
VEGETATION SCHEDULE	VS-1	19		
BRIDGE MODIFICATION: BRIDGE ELEVATIONS AND NOTES	BDTL1	20		
BRIDGE MODIFICATION: BRIDGE PLAN DETAIL AND NOTES	BDTL2	21		
BRIDGE MODIFICATION: BRIDGE ELEVATION WITH SPECIAL DESIGN SECURITY CAGE AND SIGN DETAILS	BDTL3	22		
BRIDGE MODIFICATION: BRIDGE ABUTMENT MODIFICATION, TRENCH DRAIN AND BRIDGE SECTION DETAILS	BDTL4	23		
BRIDGE MODIFICATION: SPECIAL DESIGN BRIDGE PEDESTAL DETAILS	BDTL5	24		
BRIDGE MODIFICATION: BRIDGE PAVING PLAN AND DETAILS	BDTL6	25		
BRIDGE MODIFICATION: PAINTING DETAILS	BDTL7	26		
GUARDRAIL: MODIFIED TYPE 'F' BRIDGE END SECTION DETAIL	GR2AMOD	27		
INFORMATION PLANS: MISSISSIPPI CENTRAL RAILROAD UNDERPASS AT HATTIESBURG: LAYOUT SHEET	1	28		
INFORMATION PLANS: MISSISSIPPI CENTRAL RAILROAD UNDERPASS AT HATTIESBURG: R. R. ABUTMENT DETAILS	2	29		
INFORMATION PLANS: MISSISSIPPI CENTRAL RAILROAD UNDERPASS AT HATTIESBURG: R. R. SPAN DETAILS	3	30		
INFORMATION PLANS: MISSISSIPPI CENTRAL RAILROAD UNDERPASS AT HATTIESBURG: R. R. SPAN DETAILS	4	31		
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MISCELLANEOUS CONSTRUCTION DETAILS	DET-3	35		
CONCRETE RAILING DETAILS	DET-4	36		
DETAILS	DET-5	37		
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TYPICAL TEMPORARY EROSION CONTROL MEASURES	TEC-1	142		
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GUARDRAIL: BRIDGE END SECTIONS TYPE "E", "F", & "G"	GR-2A	185		
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GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	GR-4A	195		
GUARDRAIL: MISCELLANEOUS HARDWARE	GR-HW	202		
BREAKAWAY SIGN SUPPORTS	SN-6A	230		
TYPICAL GUARDRAIL DELINEATION	SN-8C	236		
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HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-10	259		
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CURB - CUT RAMP	SDCCR-1	289		
CONCRETE PIPE COLLAR	PC-1	301		
JUNCTION BOX TYPE 2 FOR TRAFFIC LOAD	JB-2	304		
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DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERTS	B-9	325		
CROSS SECTIONS (3)				
CROSS SECTIONS: LONGLEAF TRACE	XS1 THRU XS3	901 THRU 903		
TOTAL NUMBER OF SHEETS (60)				



PS & E PLANS - DATE 12/16/2009		
FMS CON. # 105825/301000		
REVISIONS		
DATE	SHEET NO.	BY
1/14/10	8, 9	GPC

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJ. NO. STP-0210-00(022)	WORKING NUMBER
COUNTY: FORREST	DI-1
FILENAME: DI-1.DGN	SHEET NUMBER
DESIGN TEAM: NEEL-SCHAFFER CHECKED: - DATE: 12-11-09	2

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 PLANS
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 1/14/2010 10:08 AM

GENERAL NOTES

1. THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION, AS AMENDED, SHALL BE THE STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF THIS PROJECT UNLESS OTHERWISE INDICATED OR AMENDED IN THE SPECIAL PROVISIONS, PROPOSAL AND CONTRACT DOCUMENTS.
2. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS 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 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.
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. PRIOR TO EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL TOPSOIL SHALL BE STRIPPED AND STOCKPILED. AFTER COMPLETION OF EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL SLOPES SHALL BE UNIFORMLY PLATED WITH THE STOCKPILED TOPSOIL. THE COST OF STRIPPING, STOCKPILING, PLACING AND SPREADING OF TOPSOIL IS TO BE INCLUDED IN OTHER ITEMS OF WORK.
8. EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF FOUR (4) BALES EVERY TWENTY FIVE (25) TO ONE HUNDRED (100) L.F. OF DITCH. EIGHT (8) BALES PER INLET AND FOUR (4) BALES PER PIPE OUTLET. THIS MAY BE 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 CONSTRUCTION (SEE WK. NO. TEC-1).
9. ALL SIZES OF FLARED END SECTIONS MAY BE FURNISHED WITH EITHER BELL AND SPIGOT OR TONGUE AND GROOVE JOINTS.
10. TOE WALLS ARE REQUIRED AT ALL UPSTREAM AND DOWNSTREAM FLARED END SECTIONS (COST ABSORBED).
11. ALL STORM DRAINAGE STRUCTURES SHALL BE CAST-IN-PLACE.
12. 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.
13. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).
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 PROJECT ENGINEER SHOULD 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. ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION).
19. ALL RAISED OBJECTS SHALL BE PLACED A MINIMUM OF 2 FEET BEHIND THE FACE OF CURB.
20. CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE, COORDINATING WITH CITY OFFICIALS, IN ADVANCE OF REQUIRING THE ELECTRICAL SERVICE.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THROUGH AND LOCAL TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
22. THE CONTRACTOR SHALL PROVIDE ACCESS (INGRESS AND EGRESS) TO LOCAL BUSINESSES AND HOMEOWNERS AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR IS REQUIRED TO NOTIFY BUSINESSES AND HOMEOWNERS 48 HOURS IN ADVANCE OF ACCESS RESTRICTIONS.
23. CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR RELOCATION OF EXISTING POWER, GAS, TELEPHONE, AND CABLE TV UTILITIES. CONTRACTOR SHALL PROVIDE ACCESS TO THE UTILITY COMPANIES FOR RELOCATION ACTIVITIES AS REQUIRED.
24. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE VERIFICATION, PROTECTION, AND RELOCATION OF BENCHMARKS DURING CONSTRUCTION. NO ADDITIONAL PAYMENT WILL BE MADE FOR RELOCATION OF BENCHMARKS.
25. CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING ANY SIGNS THAT ARE IN DIRECT CONFLICT WITH CONSTRUCTION IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE UTILITY COMPANIES IF ANY UTILITY POLES NEED TO BE SUPPORTED DURING CONSTRUCTION (COST ABSORBED).
27. THE CONTRACTOR SHALL REPAIR FENCES, RETAINING WALLS, GATES, SODDING, LANDSCAPING, ETC. DAMAGED DURING OVERALL CONSTRUCTION (COST ABSORBED).
28. ALL SAW CUTTING SHALL BE COST ABSORBED.
29. THE ENDS OF EXISTING PIPES TO BE ABANONED IN PLACE SHALL BE PLUGGED WITH FLOWABLE FILL OR CONCRETE (NOT A SEPERATE PAY ITEM).
30. REMOVAL OF RAISED PAVEMENT MARKERS AND PAVEMENT MARKINGS SHALL BE COST ABSORBED.
31. FOR BRIDGE MODIFICATION NOTES-SEE THERE RESPECTIVE SHEETS.
32. ANY REFERENCE TO PROJECT NUMBER STP-0210-00(021) IS TO BE UNDERSTOOD THAT STP-0210-00(022) IS THE CORRECT PROJECT NUMBER.

3/11/2009 10:37 AM GENERAL NOTES.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
PROJ. NO. STP-0210-00(022)	
COUNTY: FORREST	
FILENAME: GENERAL NOTES.DGN DESIGN TEAM: NEEL-SCHAFFER CHECKED: DATE: 12-1-09	WORKING NUMBER GN-1 SHEET NUMBER 3