

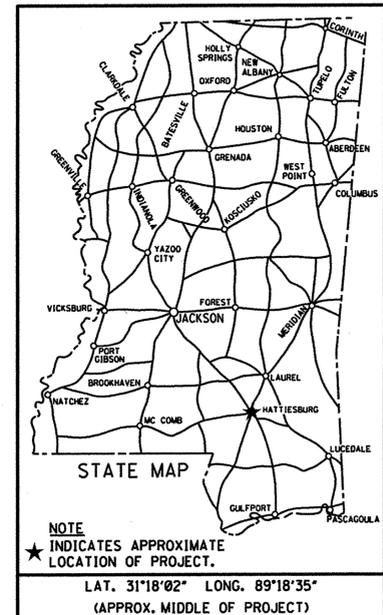
FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	ITS-0080-01(017)	1

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

CITY OF HATTIESBURG INTELLIGENT TRANSPORTATION SYSTEM IMPROVEMENTS HIGHWAY 49 SOUTH FEDERAL AID PROJECT NO. NH-0080-01(017) FORREST COUNTY

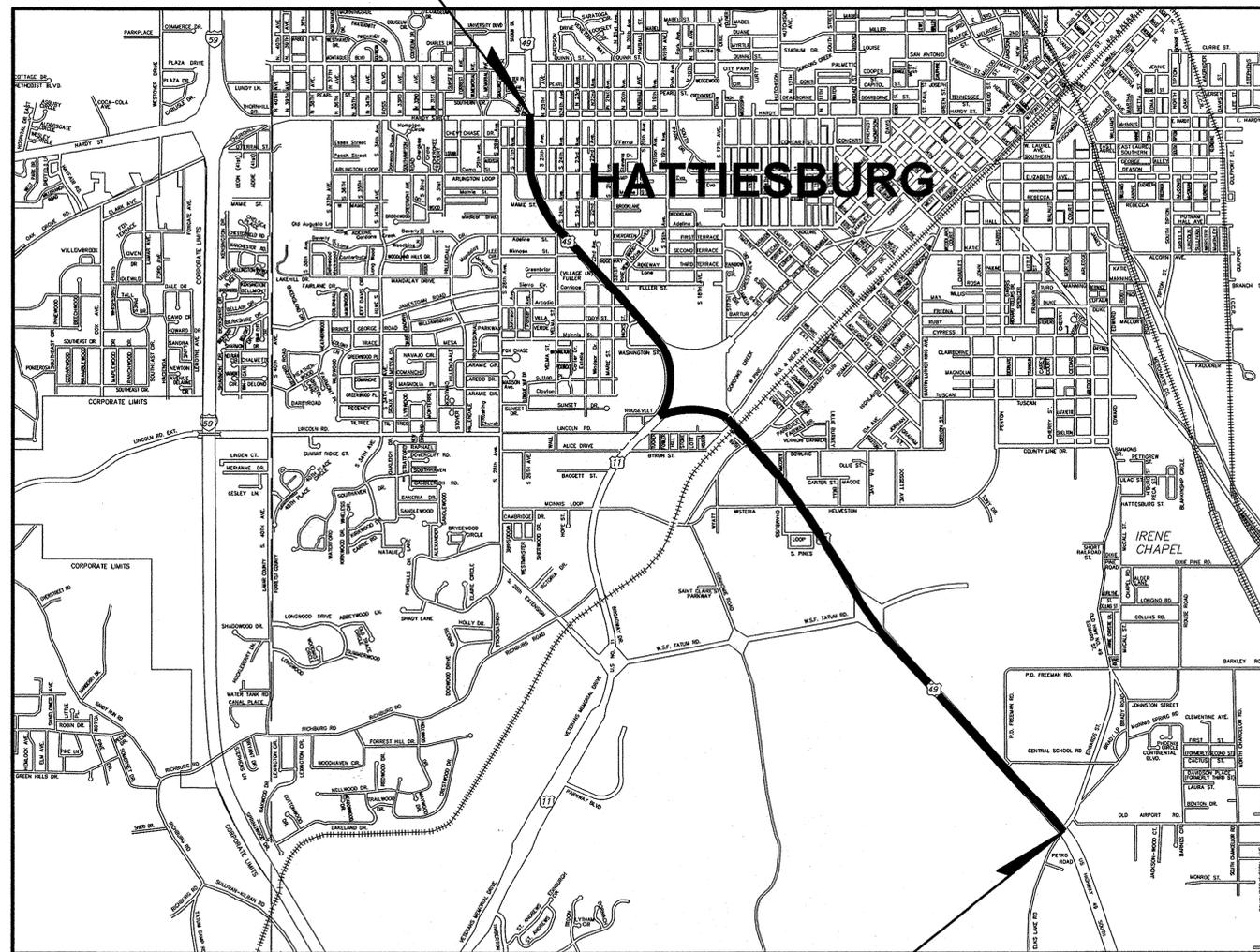
FMS CONST. 105446 /301000

① 4-13-09



SCALES
PLAN 1 IN. = 40 FT.
LAYOUT 1 IN. = 2000 FT.

STA. 231+25 - END OF PROJECT



STA. 14+50 - BEGINNING OF PROJECT

UTILITIES

- MISSISSIPPI POWER - ELECTRIC
- AT&T - TELECOM
- TELEPAK - TELECOM
- COMCAST - TELECOM
- CITY OF HATTIESBURG - WATER / SEWER / TRAFFIC

PERMITS ACQUIRED BY MDOT		
(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"/>		
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>A.T.M.</u> DATE: <u>4-10-09</u>		



APPROVED:	<i>Michael A. A.</i>	4/12/09
CHIEF ENGINEER		DATE
APPROVED:	<i>Michael A. A.</i>	04/13/09
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

1st O. REV.

GENERAL NOTES

- 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.
- 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. 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.
- CLEARING AND GRUBBING, WHERE REQUIRED BY THE ENGINEER TO COMPLETE THE FIBER AND EQUIPMENT INSTALLATIONS SHOWN ON THESE PLANS, WILL BE PERFORMED IN ACCORDANCE WITH SECTION 201 OF THE MDT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION. HOWEVER, THE COST OF CLEARING AND GRUBBING OPERATIONS WILL NOT BE MEASURED FOR SEPARATE PAYMENT, BUT WILL BE ABSORBED UNDER OTHER ITEMS.
- THE CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE, COORDINATING WITH MDT AND CITY OFFICIALS, IN ADVANCE OF REQUIRING THE ELECTRICAL SERVICES. IF ELECTRICAL SERVICE REQUIRES A SERVICE METER TO BE INSTALLED, CONTRACTOR TO CONTACT THE ELECTRIC UTILITY OWNER. ANY INSTALLATIONS OF AERIAL POWER CIRCUITS OR WOOD POLES TO PROVIDE POWER SERVICE SHALL BE COST ABSORBED. CONTRACTOR SHALL PAY ALL UTILITY CONNECTION CHARGES AND CHARGES FOR SERVICE UNTIL FINAL PROJECT ACCEPTANCE.
- FIBER OPTIC PULLBOXES SHALL BE EITHER TYPE 4 OR TYPE 5 AS NOTED ON THE PLANS. EACH BELOW GROUND PULLBOX SHALL INCLUDE ADDITIONAL FIBER CABLE SLACK AS SPECIFIED IN SPECIAL PROVISION 907-657-2. THE ADDITIONAL CABLE SHALL BE COST ABSORBED UNDER PAY ITEM 907-657-A OR B.
- ALL FIBER SPLICES REQUIRED TO CONNECT TRUNK AND DROP CABLE TO NEW AND EXISTING EQUIPMENT WILL NOT BE A SEPARATE PAY ITEM AND SHALL BE COST ABSORBED.
- UNDERGROUND DRILLED OR JACKED CONDUIT SHALL BE INSTALLED AT A MINIMUM DEPTH OF FIVE FEET UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THE CONTRACTOR MAY DRILL OR JACK A SINGLE SLEEVE FOR INSTALLATION OF MULTIPLE CONDUITS AT A ROADWAY CROSSING, RATHER THAN DRILLING OR JACKING INDIVIDUAL CONDUITS. THE INSTALLATION OF THE SLEEVE AND THE FIRST CONDUIT SHALL BE PAID FOR AT THE BID PRICE FOR UNDERGROUND CONDUIT (DRILLED OR JACKED). ADDITIONAL CONDUITS PLACED IN THE SLEEVE SHALL BE PAID FOR AT THE BID PRICE FOR REGULAR UNDERGROUND CONDUIT. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR THE LARGER SLEEVE. CONTRACTOR SHALL SUBMIT SIZE AND MATERIAL DATA OF THE SLEEVE TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
- A TRACER (AWG #10 GREEN) WIRE SHALL BE INSTALLED IN ALL CONDUIT THAT CARRIES ONLY FIBER OPTIC CABLE AND SHALL BE ABSORBED UNDER PAY ITEM NO 907-657-A & B.
- EQUIPMENT SHOWN ON THE PLANS ARE IN APPROXIMATE LOCATIONS. ALL EQUIPMENT SHALL BE FIELD LOCATED BY THE CONTRACTOR AND APPROVED BY MDT. THE COST OF FIELD STAKING WILL NOT BE MEASURED FOR SEPARATE PAYMENT AND SHALL BE ABSORBED UNDER OTHER ITEMS OF WORK. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT, PULLBOXES, AND CONDUIT WITHIN PUBLIC RIGHT-OF-WAY.
- PAYMENT FOR FIBER OPTIC CABLE AND CONDUIT SHALL BE MEASURED BASED ON HORIZONTAL MEASUREMENTS, NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY VERTICAL RUNS OR SLACK IN PULLBOXES.
- CONDUIT TO BE SEALED WITH DUCT SEALER ONCE CABLE IS INSTALLED, NOT A SEPARATE PAY ITEM (COST ABSORBED).
- ANY AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR (INCLUDING GRASSING AND SITE GRADING) AS DIRECTED BY THE ENGINEER. ALL REMOVAL AND REPLACEMENT OF SOD, SIDEWALKS, ASPHALT, CONCRETE, AND SOIL SHALL BE ABSORBED UNDER THE PAY ITEMS FOR THE CONDUIT.
- THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).
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.
- ALL SIGNS AND TRAFFIC CONTROL DEVICES USED ON THIS PROJECT SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION).
- THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SURFACE TREATED SHOULDER WHICH MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDERS WILL BE PERFORMED IN ACCORDANCE WITH SECTION 410 OF THE MDT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2004 EDITION). NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDERS.
- WHERE THE CONTRACTOR ENCOUNTERS PAVED DITCHES IN ROUTING OF CONDUIT, HE MAY TRENCH AND REPLACE THE PAVED DITCH OR DIRECTIONAL DRILL UNDER THE DITCH. THIS IS NOT A SEPARATE PAY ITEM. DAMAGE TO PAVED DITCHES (AND/OR STRUCTURES) CAUSED BY THE CONTRACTOR DURING THIS PROJECT SHALL BE REPAIRED (AS DIRECTED BY THE ENGINEER) AT NO ADDITIONAL COST TO THE STATE.
- 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 EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE WHAT BRACING, SHORING, OR GROUND SUPPORT SYSTEMS THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT PERSONS WORKING NEAR THE EXCAVATION. ALL COST FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE BID FOR CONTRACT ITEMS.
- THE COST OF DISPOSING OF ALL UNUSED OR REMOVED MATERIALS SHALL BE ABSORBED FOR PAYMENT IN OTHER ITEMS.
- ANY REFERENCE TO PROJECT NUMBER ITS-0080-01(017) IS TO BE UNDERSTOOD THAT NH-0080-01(017) IS THE CORRECT PROJECT NUMBER.

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ITS LEGEND

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-  EXISTING TRAFFIC SIGNAL CONTROLLER CABINET
-  EQUIPMENT CABINET, TYPE B
-  EQUIPMENT CABINET, TYPE C
-  PULL BOX, TYPE 2
-  PULL BOX - TYPE 4
-  PULL BOX - TYPE 5
-  c — EXISTING CABLE - COMM.
-  c — CABLE - COMM.
-  E — CABLE - ELEC. (U/G IN CONDUIT)

STATE	PROJECT NO.
MISS.	NH-0080-01(017)



PS & E PLANS-DATE 04/10/09		
FMS CON. # 105446/301000		
REVISIONS		
DATE	SHEET NO.	BY
5/19/09	3, 4, 6, 17	CRS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILED INDEX, GENERAL NOTES AND ITS LEGEND			
PROJECT NO. NH-0080-01(017)			WORKING NUMBER
COUNTY : FORREST			DI-1
DATE	FILENAME:	7181 INDEX.dgn	SHEET NUMBER
DESIGN TEAM	NS	CHECKED	DATE
			2

ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

5/22/2009 10:07:50 7181-INDEX.dgn