

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	DRTD-0055-04(094)	1

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT NO. DRTD-0055-04(094)

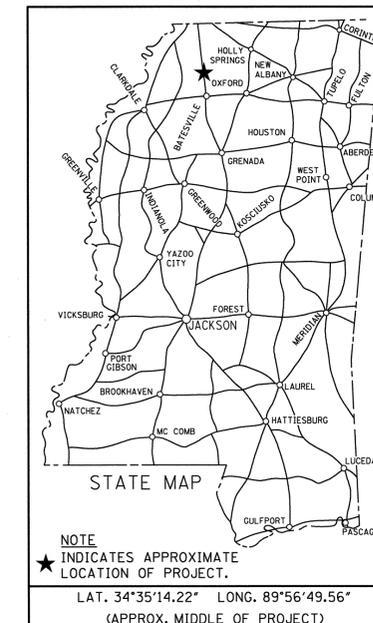
Lighting on I-55 at SR-740

FMS CON 106090/301000

Tate County

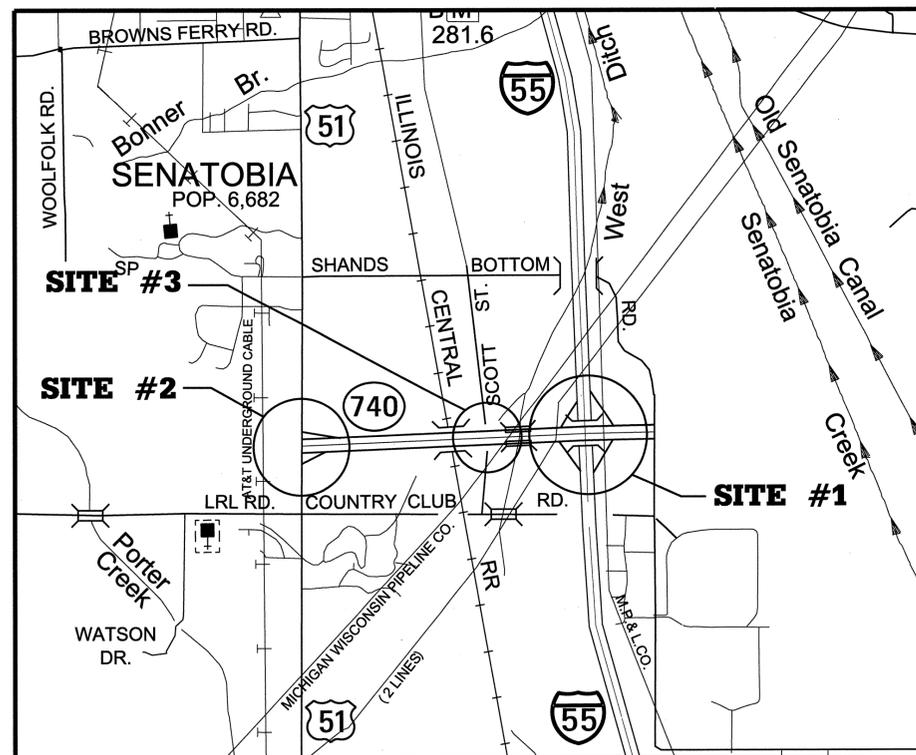
SCALES

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



BRIDGE STRUCTURES REQ'D.
NONE

BOX BRIDGES REQ'D.
NONE



DESIGN CONTROL	
MPH =	V (SPEED DESIGN)
ADT () =	: ADT () =
DHV =	: D = % T = %

PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):		
	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input checked="" type="checkbox"/>	<input checked="" 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 (DISTURBED AREA=5 ACRES)	
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY:	DATE: 9/15/11	

CONVENTIONAL SYMBOLS

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

LENGTH OF ROADWAY
 LENGTH OF BRIDGES
 LENGTH OF PROJECT (NET)
 LENGTH OF EXCEPTIONS
 LENGTH OF PROJECT (GROSS)

EQUATIONS
NONE

LENGTH DATA

FT.	MI.

EXCEPTIONS
NONE



APPROVED:	<i>Medha Mc Bratton</i>	9/15/11
CHIEF ENGINEER		DATE
INTERIM EXECUTIVE DIRECTOR	<i>Medha Mc Bratton</i>	9/15/11
		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

9/14/2011 1:41:33:28 TITLESHEET.DGN

GENERAL NOTES:

- ① ALL LIGHTING LOCATIONS WILL BE STAKED IN THE FIELD BY MDOT OR MDOT REPRESENTATIVE. CONTRACTOR SHALL PLACE THE ASSEMBLIES AS STAKED UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
- ② ALL QUANTITIES SHOWN FOR BRANCH CIRCUIT ARE APPROXIMATE AND MAY NOT REFLECT LENGTHS REQUIRED BY THE TERRAIN IN THE FIELD.
- ③ THE CONTRACTOR MAY FIND IT NECESSARY TO CONSTRUCT TEMPORARY RAMPS OR ROADWAYS FOR CONSTRUCTION. THESE MAY BE DONE AT THE APPROVAL OF THE ENGINEER (NOT A SEPARATE PAY ITEM). WHEN NO LONGER REQUIRED, THE RAMPS OR ROADWAYS ARE TO BE REMOVED AND THE AFFECTED AREA(S) GRASSED AND GROWTH ESTABLISHED (NOT A SEPARATE PAY ITEM). ALL TRAFFIC CONTROL DEVICES REQUIRED FOR COMPLIANCE WITH THE MUTCD SHALL BE PROVIDED BY THE CONTRACTOR AT NO COST TO THE STATE.
- 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. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT SHALL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
- ⑤ WHERE THE CONTRACTOR ENCOUNTERS PAVED DITCHES IN ROUTING OF BRANCH CIRCUITS, HE WILL JACK OR BORE UNDER DITCHES. THIS IS NOT A SEPARATE PAY ITEM. DAMAGE TO PAVED DITCHES (AND/OR OTHER STRUCTURES) CAUSED BY THE CONTRACTOR DURING THIS PROJECT SHALL BE REPAIRED (AS DIRECTED BY THE ENGINEER) AT NO COST TO THE STATE.
- ⑥ ANY AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR (TO INCLUDE GRASSING AND SITE GRADING) AS DIRECTED BY THE ENGINEER. CONTRACTOR SHALL PROVIDE TEMPORARY EROSION CONTROL FOR DISTURBED AREAS UNTIL THEY HAVE BEEN GRASSED AND GROWTH ESTABLISHED. NOT A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS.
- ⑦ 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.
- ⑧ THE COST OF DISPOSING OF MATERIALS DEEMED EXCESS EXCAVATION BY THE ENGINEER SHALL BE ABSORBED FOR PAYMENT IN OTHER ITEMS.
- ⑨ CONTRACTOR SHALL PROVIDE TOUCH UP GALVANIZING SUPPLIED BY POLE MANUFACTURER TO MATCH POLE FINISH.
- ⑩ METAL POLES SHALL BE SHIPPED TO SITE LOCATION SECURED WITH NYLON OR OTHER SUITABLE TIE DOWN MEANS TO PREVENT DAMAGE TO POLE SURFACE. CABLE OR CHAIN LASHINGS ARE NOT TO BE USED.

- ⑪ 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.
- ⑫ THE CONTRACTOR MAY JACK OR BORE A SINGLE SLEEVE FOR INSTALLATION OF MULTIPLE BRANCH CIRCUIT CONDUITS AT A ROADWAY CROSSING, RATHER THAN JACKING OR BORING INDIVIDUAL CONDUITS. THE INSTALLATION OF THE SLEEVE AND THE FIRST CONDUIT SHALL BE PAID FOR AT THE BID PRICE FOR UNDERGROUND BRANCH CIRCUIT (JACKED OR BORED). ADDITIONAL CONDUITS PLACED IN THE SLEEVE SHALL BE PAID FOR AT THE BID PRICE OF REGULAR UNDERGROUND BRANCH CIRCUIT. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR LARGER SLEEVE. SUBMIT SIZE OF SLEEVE AND MATERIALS FOR APPROVAL PRIOR TO INSTALLATION.
- ⑬ THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- ⑭ WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURING DURING 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. ALL COSTS FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE BID FOR CONTRACT ITEMS.
- ⑮ A TREMIE SHALL BE USED TO PLACE CONCRETE FOR FOUNDATIONS.
- ⑯ THE CONCRETE MAINTENANCE PADS SHALL BE INSTALLED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE COST OF THE 6"X6" WIRE FABRIC REINFORCEMENT OR SUBSTITUTED SYNTHETIC STRUCTURAL FIBERS (MEETING THE REQUIREMENTS OF SUBSECTION 907-711-3) SHALL BE INCLUDED IN THE UNIT COST OF THE JUNCTION BOX WITH CONCRETE PAD.

LEGEND:

- HM-  HIGH MAST LIGHTING ASSEMBLY WITH NUMBER 130' POLE, 8 - 1000 WATT H.P.S. LUMINAIRES (TYPE 130-8-S)
- HM-  HIGH MAST LIGHTING ASSEMBLY WITH NUMBER 120' POLE, 6 - 1000 WATT H.P.S. LUMINAIRES (TYPE 120-6-S)
- #-  TWIN-ARM (TA) COBRA HEAD LIGHTING ASSEMBLY WITH POLE NUMBER 45' POLE, 2 - 400 WATT H.P.S. LUMINAIRES (TYPE TA 45-2-15-400)
- #-  SINGLE-ARM (SA-15) COBRA HEAD LIGHTING ASSEMBLY WITH POLE NUMBER 45' POLE, 1 - 400 WATT H.P.S. LUMINAIRE (TYPE SA 45-1-15-400)
- #-  SINGLE 12' (SA-12) LIGHTING ASSEMBLY WITH POLE NUMBER 45' POLE, 1 - 400 WATT H.P.S. LUMINAIRE (TYPE T 45-1-12-400)
-  (21 #6) UNDERGROUND BRANCH CIRCUIT: SPC#2, CIRCUIT #1, WITH 3 #6 AWG CONDUCTORS IN 1 1/2" PVC CONDUIT.
- SPC#-  SECONDARY POWER CONTROLLER WITH NUMBER
- PB-  UNDERGROUND PULL BOX WITH NUMBER

ABBREVIATIONS:

- PVC - POLYVINYL CHLORIDE
- THW - THERMOPLASTIC HEAT AND MOISTURE RESISTANT
- CIR - CIRCUIT
- I.E.S. - ILLUMINATING ENGINEERING SOCIETY
- O.C. - ON CENTER
- A.W.G. - AMERICAN WIRE GAUGE
- L.F. - LINEAR FOOT
- MDOT - MISSISSIPPI DEPARTMENT OF TRANSPORTATION
- ℄ - CENTERLINE

UTILITIES:

- CITY OF SENATOBIA - TIM SIMPSON 662-562-8956
- TRANSCANADA - JOE O' STEEN 615-465-5109
- TRUNKLINE - DENNIS BLOOME 731-445-9673
- MARATHON OIL - BRENDON REYNOLDS 832-264-9543
- AT&T - MURIEL POLLARD 662-236-1322

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
LEGEND & ABBREVIATIONS	
PROJECT NO.: DRTD-0055-04(094)	
COUNTY: TATE	
DATE	FILENAME: GN-1.dgn
DESIGN TEAM	F&H CHECKED DHW DATE
WORKING NUMBER GN-1	
SHEET NUMBER 3	

9/14/2011 14:33:29 GN-1.DGN PLAN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION