FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP–2901–00(030)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

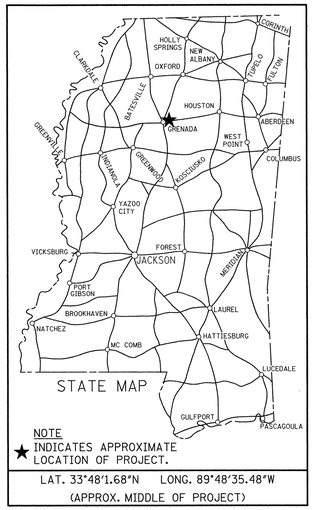
PLAN OF PROPOSED
TRAFFIC SIGNAL INSTALLATION
FEDERAL AID PROJECT NO. STP–2901–00(030)

U.S. 51 AT SOUTH STREET **105891/301000**

GRENADA COUNTY

SCALES

PLAN		1 IN. = 20 FT.
PROFILE	HOR.	1 IN. = NA
	VERT.	1 IN. = NA
LAYOUT		1 IN. = NA FT.

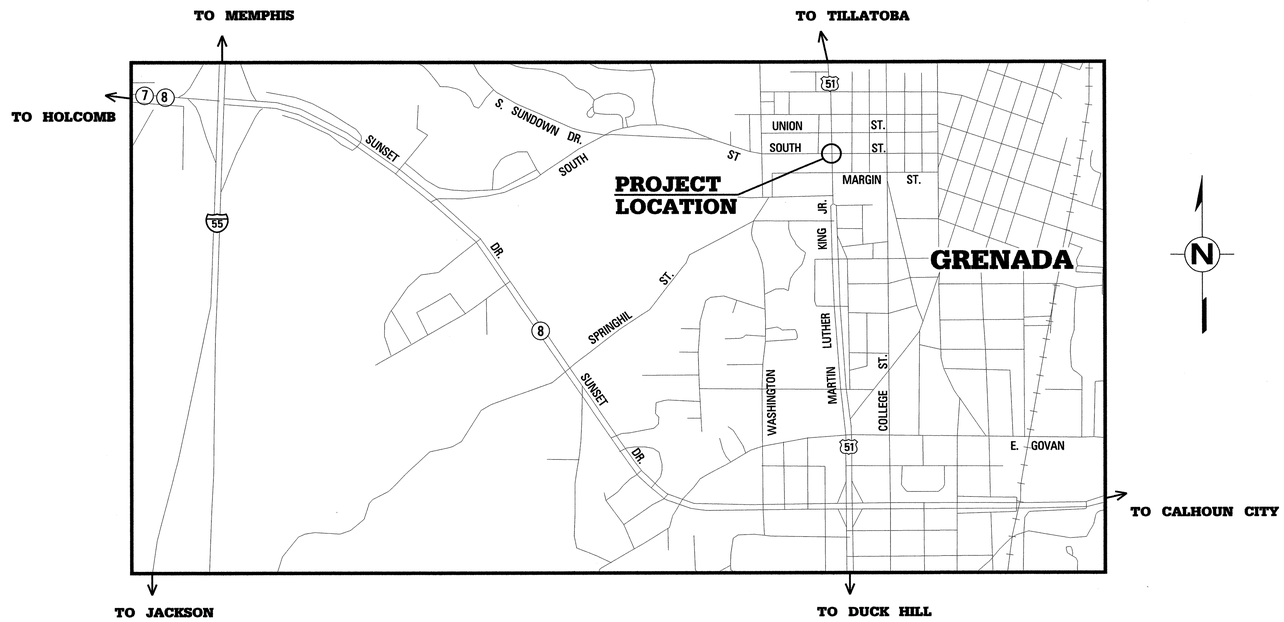


NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 33°48'1.68"N LONG. 89°48'35.48"W
(APPROX. MIDDLE OF PROJECT)

BRIDGE STRUCTURES REQ'D.
NONE

BOX BRIDGES REQ'D.
NONE



DESIGN CONTROL

30 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	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 N

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: JCT DATE: 06/24/10

BRIDGE STRUCTURES REQ'D.
NONE

BOX BRIDGES REQ'D.
NONE

CONVENTIONAL SYMBOLS

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

EQUATIONS
NONE

EXCEPTIONS
NONE

KARL E. HECTOR
LICENSED PROFESSIONAL ENGINEER
07-09-10
19176
STATE OF MISSISSIPPI

10

APPROVED: 7/16/10
CHIEF ENGINEER DATE

7/16/10
EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

REVISIONS BY DATE

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

7/9/2010 13:31:58 TITLE.DGN

STATE	PROJECT NO.
MISS.	STP-2901-00(030)

1 st O. REV.

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
TITLE SHEET (1)		–	1
DETAILED INDEX & GENERAL NOTES (2)			
DETAILED INDEX		DI–1	2
GENERAL NOTES		GN–1	3
QUANTITY SHEETS (1)			
SUMMARY OF QUANTITIES		SQ–1	4
TRAFFIC SIGNAL SHEETS (9)			
TRAFFIC SIGNAL INSTALLATION – SIGNAL LAYOUT		TSI–1	5
TRAFFIC SIGNAL INSTALLATION – WIRING DIAGRAM		TSI–2	6
DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS AND GENERAL NOTES		TSD–1	7
PULL BOX AND CONDUIT TRENCHING FOR TRAFFIC SIGNAL INSTALLATION		TSD–2	8
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHEMNTS AND MISCELLANEOUS DETAILS		TSD–3	9
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION		TSD–5	10
LOOP DETECTOR DETAILS FOR TRAFFIC SIGNAL INSTALLATION		TSD–6	11
CURB CUT ACCESS TO PED BUTTON DETAIL AND STREET NAME SIGNS		CCD	12
TRAFFIC CONTROL PLAN		TC	13
MISCELLANEOUS ROADWAY DETAILS (1)			
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE–LANE CLOSURE OF TWO–WAY TRAFFIC)		TCP–1	250
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 (4–LANE MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)		TCP–2	251
DRIVEWAYS, CURB & GUTTER & SIDEWALK		SD–1	287

PS & E PLANS-DATE : 07/16/10		
FMS CON. # 105891/301000		
REVISIONS		
DATE	SHEET NO.	BY
08-02-10	4	KH

10

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO.: STP–2901–00(030)
COUNTY : GRENADA

WORKING NUMBER DI–1

SHEET NUMBER 2

FILENAME: di.dgn
DESIGN TEAM F&H, Inc. CHECKED CSS DATE 04-10

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

7/30/2010 12:39:58 DI.DGN

STATE	PROJECT NO.
MISS.	STP-2901-00(030)

GENERAL NOTES

1. ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2009 EDITION AND ALL SUBSEQUENT REVISIONS).
2. ALL POLES, PULL BOXES, CONTROLLERS, PAVEMENT MARKINGS AND SIDEWALK RAMPS SHALL BE FIELD LOCATED BY THE ENGINEER AND THE CONTRACTOR AT THE NEAREST PRACTICAL LOCATION INDICATED ON THE PLAN SHEETS.
3. ALL RAISED OBJECTS TO BE PLACED A MINIMUM OF 2.5 FT. BEHIND FACE OF CURB. NEW TRAFFIC SIGNAL POLES ARE TO BE PLACED A MINIMUM OF 6 FT. BEHIND FACE OF CURB EXCEPT WHERE IN CONFLICT WITH UTILITIES, RIGHT-OF-WAY OR SIDEWALK.
4. ALL SIGNAL MAST ARM POLES TO BE GALVANIZED STEEL. CONTRACTOR TO FIELD VERIFY ALL MAST ARM POLE LOCATIONS TO BE SURE THERE ARE NO UTILITY CONFLICTS PRIOR TO ORDERING POLES.
5. SIGNAL CONTROLLER TIMINGS TO BE PROVIDED BY MDOT.
6. CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE, COORDINATING WITH CITY OFFICIALS, IN ADVANCE OF REQUIRING THE ELECTRICAL SERVICE. CONTRACTOR WILL PROVIDE ELECTRICITY SERVICE UNTIL FINAL MAINTENANCE RELEASE. POWER SUPPLY CABLE SHALL BE COST ABSORBED.
7. SPECIFICATIONS FOR SIGNAL SHALL BE THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTIONS, 2004 EDITION.
8. TRAFFIC SIGNAL CABLE IN MAST ARMS TO BE MEASURED AND PAID FOR AS "UNDERGROUND IN CONDUIT".
9. SEE WORKING NUMBER TSD-1 FOR TRAFFIC SIGNAL NOTES.
11. WHERE REQUIRED CONCRETE SAW CUT, COST ABSORBED IN OTHER PAY ITEMS.
12. SIGNS REMOVED TO REMAIN THE PROPERTY OF MDOT AND SHALL BE DELIVERED TO THE MAINTENANCE DEPARTMENT LOCATED AT 1233 AIR INDUSTRIAL PARK RD, GRENADA, MS 38901.
13. ANY AREA DISTURBED BY CONTRACTOR SHALL BE RESTORED TO ORIGINAL CONDITION, COST SHALL BE ABSORBED IN OTHER PAY ITEMS. SEE NOTE ON WK # TSD 3.
14. CONTRACTOR SHALL NOTIFY AND CORDINATE WITH THE POLICE DEPARTMENT FOR TRAFFIC CONTROL FOR SHORT DURATION WHEN OVERHEAD SIGNAL ITEMS ARE TO BE INSTALLED.

LIST OF UTILITIES

1. ATMOS ENERGY - (601) 961-6788.
2. CITY OF GRENADA WATER AND SEWER - (662) 227-3415
3. G.T.& Y. WATER ASSOCIATION - (662) 226-0201
4. CABLE ONE - (662) 226-2000
5. AT&T - (662) 236-1322
6. ENTERGY - (662) 229-4318

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

7/9/2010

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO.: STP-2901-00(030)
COUNTY: GRENADA

WORKING NUMBER GN-1

FILENAME: SQ-2.DGN
DESIGN TEAM F&H, Inc. CHECKED DHW DATE 04-10

SHEET NUMBER 3