FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP–1145–00(011)	1

STATE OF MISSISSIPPI

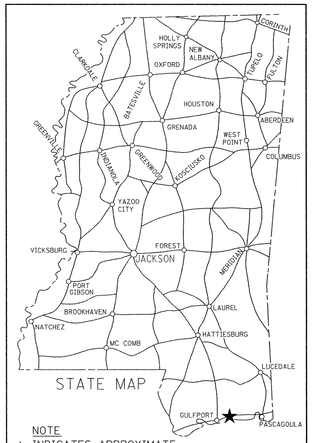
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY STATE PROJECT NO. STP–1145–00(011)

I–10 AT CANAL ROAD SIGNAL AND RAMP IMPROVEMENTS HARRISON COUNTY

FMS–CONSRT. – 101212/305000

07-15-09



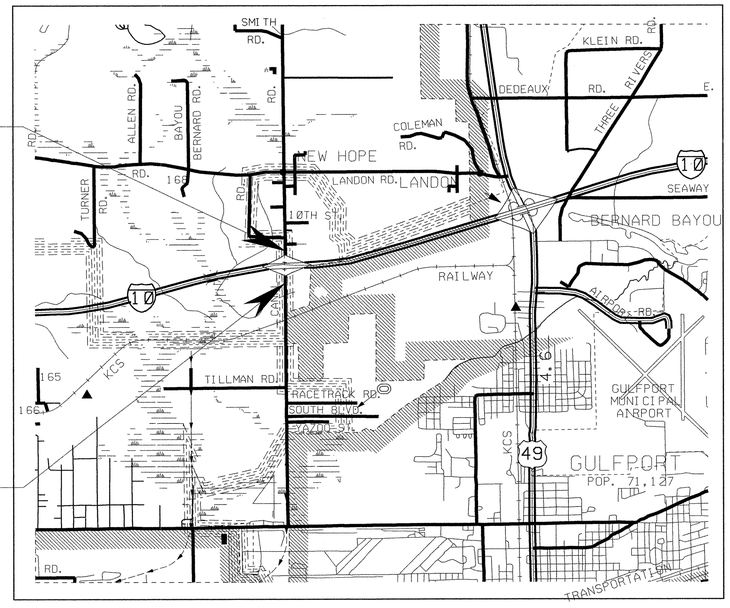
NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 30°25'27.32"N LONG. 89°08'11.97"W
(APPROX. MIDDLE OF PROJECT)

BRIDGE STRUCTURES REQ'D.

NONE

EOP STA. 36+00 (CANAL ROAD)



BOP STA. 9+36.89+00 (CANAL ROAD)

BOX BRIDGES REQ'D.

NONE

DESIGN CONTROL

70 MPH = V (SPEED DESIGN)

ADT (2009) = 14000 : ADT (2029) = 29000

DHV = 3200 : D = 55 % T = 26 %

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 [S]

Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES +)(NTB 6484)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 6483)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: ATM DATE: 7–15–2009

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

LENGTH DATA

LENGTH OF ROADWAY	2663.11 FT.	0.50 MI.
LENGTH OF BRIDGES	0 FT.	0 MI.
LENGTH OF PROJECT (NET)		0.50 MI.
LENGTH OF EXCEPTIONS	0 FT.	MI.
LENGTH OF PROJECT (GROSS)		0.50 MI.

98

REVISIONS

BY	DATE

APPROVED:

CHIEF ENGINEER — DATE 7/15/09

EXECUTIVE DIRECTOR — DATE 7/15/09

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

7/15/2009 10:22AM TITLE.DGN

1 st O. REV.

STATE	PROJECT NO.
MISS.	STP-1145-00(011)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
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DETAILED INDEX	DI-2	3
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GENERAL NOTES (SIGNING)	GN-2	5
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STA. 53+67 TO STA. 57+20 CANAL ROAD TO EAST RAMP	6	21
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ABMB ENGINEERS, INC.

PS & E PLANS-DATE 7-15-2009		
FMS CON. # 101212/305000		
REVISIONS		
DATE	SHEET NO.	BY
7/28/09	11, 31, 41	JMR
8/18/09	2, 3, 28, 40.1, 253	IT
12/08/09	9, 10, & 11	JCR
01/25/10	2, 3, 9, 10, 46.1-46.3 & 58-77	IT

DATE	REVISION	BY
1-25-10	ADDED AND DELETED SHEETS	IT
8-18-09	DELETED SHEET 40.1	IT

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. STP-1145-00(011)
COUNTY : HARRISON

WORKING NUMBER: DI-1
SHEET NUMBER: 2

FILENAME: INDEX.DGN
DESIGN TEAM ABMB CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/22/2010 14:51:14 INDEX.DGN

1 st O. REV.

STATE	PROJECT NO.
MISS.	STP-1145-00(011)

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	1	
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PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/22/2010 1:23:52 INDEX.DGN

REVISION	DELETED SHEET 253	REVISED SHEET TOTALS	
BY	IT	IT	
DATE	6-18-09	1-25-10	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. STP-1145-00(011)
COUNTY : HARRISON

FILENAME: INDEX.DGN
DESIGN TEAM ABMB CHECKED DATE

WORKING NUMBER: DI-2
SHEET NUMBER: 3

STATE	PROJECT NO.
MISS.	

GENERAL NOTES (ROADWAY):

(1) THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.

(2) 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS FOR DESIGN ESTIMATING PURPOSES ONLY.

(3) 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 SHALL 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.

(4) 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.

(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 I S 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) ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRIFICATION.

(7) 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).

(8) ORANGE PLAQUE PLACED ON POSTED CONSTRUCTION SPEED LIMIT SIGNS SHALL BE ABSORBED IN OTHER PAY ITEMS.

(9) 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.

(10) THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER

(11) REMOVAL OF RAISED PAVEMENT MARKERS IS NOT CONSIDERED A SEPERATE PAY ITEM.

(12) 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.

(13) WHERE MILLINGS 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).

(14) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT AND STRAIGHTNESS.

(15) PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.

(16) PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.

(17) 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 ORCONTAMINATE WATERS OF THE U.S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT EROSION CONTROL PLAN PRIOR TO COMMENCEMENTOF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION.

GENERAL NOTES (ROADWAY):

(18) CONTRACTOR TO VERIFY ALL MAST ARM POLE LOCATIONS TO BE SURE THERE ARE NO UTILITY CONFLICTS PRIOR TO ORDERING POLES.

(19) CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE. ALL COSTS ASSOCIATED WITH THIS SHALL BE ABSORBED INTO THE PAY TIEMS. SEE NOTE AND BRIDGE CONSTRUCTION.

(20) SEE SHEET WORKING NUMBER TSD-1 FOR ADDITIONAL GENERAL NOTES.

(21) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.

(22) 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.

GENERAL NOTES (SIGNAL):

(1) ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION).

(2) UNDERGROUND UTILITIES SHOW ON PLANS ARE PLOTTED IN THEIR APPROXIMATE LOCATIONS FROM THE BEST GUARANTEE THAT ALL UTILITIES ARE SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UTILITIES.

(3) ALL RAISED OBJECTS TO BE PLACED A MINIMUM OF 2.0 FEET BEHIND FACE OF CURB. NEW TRAFFIC SIGNAL POLES TO BE PLACED A MINIMUM OF 8.0 FEET BEHIND FACE OF CURB UNLESS WRITTEN PERMISSION IS AUTHORIZED BY AASHTO ROADSIDE DESIGN GUIDE CLEAR ZONE STANDARDS.

(4) ALL POLES, PULLBOXES AND CONTROLLER CABINETS SHALL BE FIELD LOCATED AND STAKED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

(5) EXTEND POLE FOUDATIONS TO APPOROXIMATELY 3 INCHES ABOVE THE SHOULDER ELEVATION OR THE TOP OF THE CURB ELEVATION.

(6) SPECIFICATIONS FROM THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION BY MISSISSIPPI DEPARTMENT OF TRANSPORTATION, ENGLISH 2004 EDITION WILL BE USED UNLESS OTHERWISE NOTED BY SPECIAL PROVISIONS.

(7) ALL CONTROLLER CABINETS BEING INSTALLED AS PART OF THIS PROJECT SHALL HAVE A REAR DOOR.

(8) SIGNS THAT NEED TO BE REMOVED DURING CONSTRUCTION SHALL BE DONE BY THE CONTRACTOR AT HIS EXPENSE. ALL TRAFFIC CONTROL SIGNS INSTALLED OR RELOCATED WITHIN THE RIGHT-OF-WAY SHALL BE DONE BY THE CONTRACTOR AT HIS EXPENSE.

(9) ALL CONTROLLERS SHALL BE EAGLE EPAC M52 NEMA CONTROLLERS..

(10) ALL CABLE DENOTED ON THE PLANS AS VDC OR RADIO SHALL BE COST ABSORBED.

(11) STREET NAME SIGNS AND STANDARD HIGHWAY SIGNS INSTALLED ON MAST ARMS OR POLE SHAFTS SHALL BE COST ABSORBED.

(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 WHILE BACKGROUND.

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO.: STP-1145-00(011)
COUNTY : HARRISON

WORKING NUMBER GN-1

FILENAME: GENNOTES.DGN
DESIGN TEAM ABMB CHECKED DATE

SHEET NUMBER 4

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

3/10/2009 10:07:59 GENOTES.DGN

STATE	PROJECT NO.
MISS.	STP-1145-00(001)

GENERAL SIGNING NOTES

1. EXISTING ADOPT A HIGHWAY SIGNS ARE TO REMAIN IN PLACE. ALL REMAINING MDOT SIGNS, EXCEPT AS DIRECTED BY ENGINEER, ARE TO BE REMOVED. ADOPT A HIGHWAY SIGNS WHICH CONFLICT WITH PROPOSED SIGNING (AS DIRECTED BY THE PROJECT ENGINEER) WILL BE RELOCATED BY MDOT.

2. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED WITH GRANULAR MATERIAL AND TAMPED IN ACCORDANCE WITH SECTION 203 OF STANDARD SPECIFICATIONS. THE BACKFILL MATERIAL IS NOT A SEPARATE PAY ITEM. THE REMOVAL IS TO BE PAID UNDER ITEM 202–A (LUMP SUM).

3. ALL EXCAVATION FOR THE SIGN POSTS OR FOOTINGS IS TO BE INCLUDED IN THE COST FOR OTHER ITEMS BID FOR CONSTRUCTION.

4. ALL EXISTING SIGNS, METAL SIGN SUPPORTS, TIMBER POLE SIGN SUPPORTS, ANY SUPPORT HARDWARE AND ALL SIGN MOUNTING HARDWARE REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

5. ERECTION DATES ARE TO BE LEGIBLY WRITTEN ON THE BACK OF ALL SIGNS WITH A SANFORD MEANSTREAK WATERPROOF FORMULA PERMANENT MARKING STICK.
6. DIRECT APPLIED LEGEND, BORDERS, AND SHIELD ARE TO BE USED ON ALL GUIDE SIGNS.

7. ALL POST, PIPE, AND I–BEAM LENGTHS ARE ESTIMATED. CONTRACTOR IS RESPONSIBLE FOR PERFORMING FIELD ELEVATION SURVEY TO DETERMINE THE EXACT LENGTH REQUIRED. ALL NEW SIGNS SHALL BE COVERED UNTIL EXISTING SIGNS ARE REMOVED.

8. ALL EXISTING SIGNS WHICH WILL BE REMOVED AS A PART OF THIS PROJECT ARE TO REMAIN IN PLACE UNTIL NEW REPLACEMENT SIGNS HAVE BEEN ERECTED, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER.

9. THE LOCATION AND SPACING OF SIGNS SHOWN ON THE PLANS ARE APPROXIMATE. ALL SIGNS SHALL BE SPACED A MINIMUM OF 250 FEET APART WHERE POSSIBLE. THE ACTUAL LOCATION OF SIGNS WILL BE AS DIRECTED BY THE ENGINEER.

10. NEW SIGNS SHALL BE COMPLETLY INSTALLED PRIOR TO REMOVAL OF EXISTING SIGNS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

11. ALL EXISTING SIGNS AND SUPPORTS NOT SHOWN ON PLANS ARE TO BE REMOVED AND DISCARDED UNLESS INDICATED OTHERWISE IN THE PLANS OR BY THE ENGINEER. THIS WORK SHALL BE PAID FOR UNDER PAY ITEM 202–A, REMOVAL OF OBSTRUCTION.

12. SIGNS THAT ARE MOUNTED TO TRAFFIC SIGNAL MAST ARM POLES SHALL BE ATTATCHED USING 5⁄8" WIDTH, BLACK POWDER–COATED BAND STRAPPING AND CLIPS. COMMERCIALLY AVAILABLE SIGN MOUNTING HARDWARE THAT IS DESIGNED FOR USE WITH THE PARTICULAR TYPE OF SIGN TO BE MOUNTED ON EACH TRAFFIC SIGNAL MAST ARM POLE SHALL BE USED. ALL SIGN MOUNTING STRAPPING AND HARDWARE IS TO BE COST ABSORBED.

13. R1–1 SIGNS ON SIDE STREET APPROACHES SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER TRAFFIC SIGNALS ARE INSTALLED AND PROPERLY OPERATIONAL.

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

3/10/2009 13:49:32 GN-SIGNING.DGN

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL SIGNING NOTES

PROJ.NO:STP-1145-00(001)
COUNTY: HARRISON

WORKING NUMBER GN-2

FILENAME: gn-1.dgn
DESIGN TEAM ABMB/JN CHECKED JMR DATE

SHEET NUMBER 5