

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	NH-0010-01(045)	1

**GENERAL INDEX**

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY .....	1
<input type="checkbox"/> PERMANENT SIGNS .....	1001
<input checked="" type="checkbox"/> TRAFFIC SIGNALS .....	2001
<input type="checkbox"/> ITS COMPONENTS .....	3001
<input checked="" type="checkbox"/> LIGHTING .....	4001
<input type="checkbox"/> (RESERVED) .....	5001
<input checked="" type="checkbox"/> ROADWAY STANDARD DWGS ..	6001
<input type="checkbox"/> BRIDGE STANDARD DWGS .....	7001
<input type="checkbox"/> BRIDGE .....	8001
<input checked="" type="checkbox"/> CROSS SECTIONS .....	9001

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

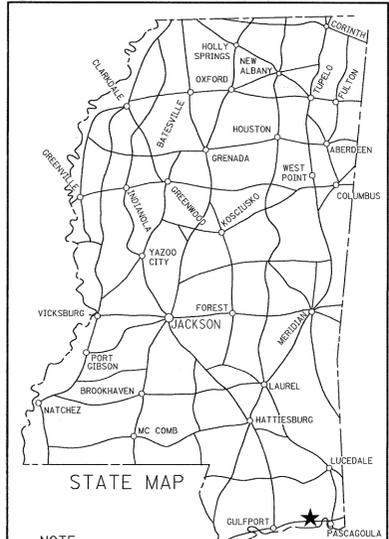
**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. NH-0010-01(045)**

104273 / 301000

**I-10 (EXIT 61) at GAUTIER-VANCLEAVE ROAD TRAFFIC SIGNAL INSTALLATION AND GEOMETRIC IMPROVEMENTS JACKSON COUNTY**

SCALES

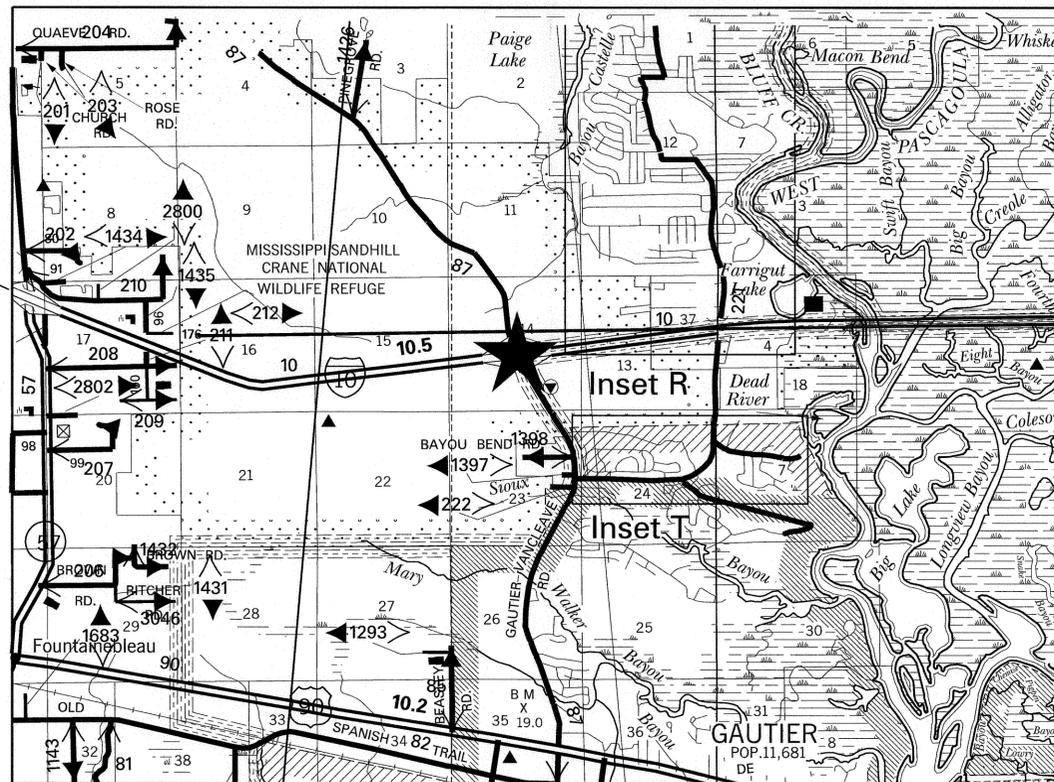
PLAN	1 IN. = 30 FT.
PROFILE {	HOR. 1 IN. = 20 FT.
	VERT. 1 IN. = 5 FT.
LAYOUT	1 IN. = 700 FT.
TRAFFIC CONTROL	1 IN. = 60 FT.



NOTE  
★ INDICATES APPROXIMATE LOCATION OF PROJECT.  
LAT. 30°26'5.643" N LONG. 88°39'21.4416" W  
(APPROX. MIDDLE OF PROJECT)

14 MILES TO OCEAN SPRINGS

10 MILES TO MOSS POINT



GPS CONTROL NOTES

HORIZONTAL DATUM: NAD 83/2007 MS EAST ZONE (US SURVEY FEET)		
HORIZONTAL MONUMENT	NORTH	EAST
15 V 15	405,605.85	956,241.52
VAN RM 1	396,263.06	1,019,372.58
K 364	328,374.03	1,020,427.78
VERTICAL DATUM: NAVD 88 (US SURVEY FEET)		
VERTICAL MONUMENT	ELEVATION	

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	SEE BELOW
GRID TO GEODETIC AZIMUTH	SEE BELOW

GROUND TO GRID (COMBINED) FACTOR (BOP) 0.999955172  
 GROUND TO GRID (COMBINED) FACTOR (MIDPOINT) 0.999955952  
 GROUND TO GRID (COMBINED) FACTOR (EOP) 0.999958266  
 GRID TO GEODETIC AZIMUTH (BOP) +00° 03' 58.8"  
 GRID TO GEODETIC AZIMUTH (MIDPOINT) +00° 05' 22.3"  
 GRID TO GEODETIC AZIMUTH (EOP) +00° 06' 27.1"

LENGTH DATA	UNIT	VALUE
LENGTH OF ROADWAY	N/A FT.	MI.
LENGTH OF BRIDGES	N/A FT.	MI.
LENGTH OF PROJECT (NET)	N/A MI.	MI.
LENGTH OF EXCEPTIONS	N/A MI.	MI.
LENGTH OF PROJECT (GROSS)	MI.	MI.

DESIGN CONTROL		
N/A MPH = V (SPEED DESIGN)		
ADT ( N/A ) =	NA	ADT ( N/A ) = NA
DHV =	NA	D = NA % T = NA %
PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):		
	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL*	<input type="checkbox"/>	<input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR		
STORMWATER PERMIT <input checked="" type="checkbox"/>		
Y	REQUIRED, SCNOI 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:	JCT	DATE: 12/4/12



APPROVED:	<i>Madison</i>	12/4/12
CHIEF ENGINEER		DATE
APPROVED:	<i>Walter</i>	12/4/12
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE	1	1
DETAILED INDEX AND GENERAL NOTES ( 2 )		
DETAILED INDEX	DI-1	2
GENERAL NOTES	GN-1	3
TYPICAL SECTION SHEETS ( 3 )		
TYPICAL SECTION - EASTBOUND OFF-RAMP	TS-1	4
TYPICAL SECTION - WESTBOUND OFF-RAMP	TS-2	5
TYPICAL SECTION - GAUTIER-VANCLEAVE ROAD	TS-3	6
QUANTITY SHEETS ( 9 )		
SUMMARY OF QUANTITIES	SQ-1	7
SUMMARY OF QUANTITIES	SQ-2	8
SUMMARY OF QUANTITIES	SQ-3	9
SUMMARY OF QUANTITIES	SQ-4	10
ESTIMATED QUANTITIES-DRAINAGE STRUCTURES	EQ-1	11
ESTIMATED QUANTITIES-ROADWAY	EQ-2	12
ESTIMATED QUANTITIES-REMOVAL ITEMS	EQ-3	13
ESTIMATED QUANTITIES-TRAFFIC CONTROL SIGNS	EQ-4	14
ESTIMATED QUANTITIES - LIGHTING	EQ-5	15
PLAN AND PROFILE SHEETS (3)		
PLAN & PROFILE - EASTBOUND OFF RAMP	WK-3	16
PLAN & PROFILE - WESTBOUND OFF RAMP	WK-4	17
PLAN & PROFILE - GAUTIER-VANCLEAVE ROAD	WK-5	18
SPECIAL DESIGN SHEETS (23) $\Delta$		
GEOMETRIC IMPROVEMENTS - EASTBOUND OFF RAMP	ID-1	19
GEOMETRIC IMPROVEMENTS - WESTBOUND OFF RAMP	ID-2	20
GEOMETRIC IMPROVEMENTS - GAUTIER-VANCLEAVE ROAD MEDIAN IMPROVEMENTS	ID-3	21
FORM GRADES	FG-1	22
FORM GRADES	FG-2	23
PAVEMENT MARKING PLAN	PMD-1	24
EROSION CONTROL PLAN	ECP-1	25
EROSION CONTROL PLAN	ECP-2	26
EROSION CONTROL PLAN	ECP-3	27
CONSTRUCTION SIGNING DETAILS - INTERSECTION OF I-10 AND GAUTIER-VANCLEAVE ROAD	CSD-1	28
CONSTRUCTION TRAFFIC CONTROL PLAN - PHASE 1	TC-1	29
CONSTRUCTION TRAFFIC CONTROL PLAN - PHASE 2	TC-2	30
CONSTRUCTION TRAFFIC CONTROL PLAN - PHASE 3	TC-3	31
CONSTRUCTION TRAFFIC CONTROL PLAN - PHASE 4	TC-4	32
CONSTRUCTION TRAFFIC CONTROL PLAN - PHASE 5	TC-5	33
CONSTRUCTION TRAFFIC CONTROL PLAN - PHASE 6	TC-6	34
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	35
VEGETATION SCHEDULE	VG-1	36
ROADSIDE HAZARD CONCRETE MEDIAN BARRIER: TYPE 4 MODIFIED	MB-5	37
$\Delta$ TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)	SDTCP-3	38
$\Delta$ HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	SDTCP-10	39
$\Delta$ TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS	ECD-1	40
$\Delta$ DETAILS OF SILT FENCE INSTALLATION	ECD-3	41

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
SIGNAL SHEETS (9)		
TRAFFIC SIGNAL INSTALLATION - INTERSECTION OF GAUTIER-VANCLEAVE RD AND WEST FRONTAGE ROAD	TSI-1	2001
TRAFFIC SIGNAL INSTALLATION - INTERSECTION OF I-10 AND GAUTIER-VANCLEAVE RD. WESTBOUND OFF RAMP	TSI-2	2002
TRAFFIC SIGNAL INSTALLATION - INTERSECTION OF I-10 AND GAUTIER-VANCLEAVE RD. EASTBOUND OFF RAMP	TSI-3	2003
DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS AND GENERAL NOTES	TSD-1	2004
LOOP DETECTOR DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-2	2005
PULL BOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-3	2006
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS AND MISCELLANEOUS DETAILS	TSD-5	2007
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-6	2008
TRAFFIC CONTROL PLAN	TSD-7	2009
LIGHTING (8)		
LIGHTING NOTES, ABBREVIATIONS AND LEGEND	LN-1	4001
I-10 AT GAUTIER-VANCLEAVE ROAD LIGHTING LAYOUT: STA. 775+00 TO STA. 790+00	L-1	4002
I-10 AT GAUTIER-VANCLEAVE ROAD LIGHTING LAYOUT: STA. 790+00 TO STA. 815+00	L-2	4003
I-10 AT GAUTIER-VANCLEAVE ROAD LIGHTING LAYOUT: STA. 10+00 TO STA. 19+00	L-3	4004
LIGHTING DETAIL	LD-1	4005
LIGHTING DETAIL	LD-2	4006
LOW MAST DETAIL	LD-3	4007
LIGHTING DETAILS	LD-4	4008
STANDARD SHEETS (15) $\Delta$		
$\Delta$ PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	PM-1	6120
PAVEMENT MARKING LEGEND DETAILS	PM-6	6125
EROSION CONTROL	EC-1	6140
STANDARD ROADSIDE SIGNS	SN-3	6221
STANDARD ROADSIDE SIGNS	SN-3A	6223
STANDARD ROADSIDE SIGNS	SN-3B	6224
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4	6225
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4A	6226
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4B	6227
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)	TCP-2	6251
TRAFFIC CONTROL PLAN MOBILE OPERATIONS, MULTILANE ROADS, AND TWO-LANE ROADS	TCP-11	6260
DRIVEWAYS, CURB & GUTTER & SIDEWALK	SD-1	6287
PIPE CULVERT INSTALLATION	PI-1	6300
PIPE COLLAR-CONCRETE	PC-1	6301
FLARED END SECTION	FE-1	6328
CROSS SECTIONS (22)		
EASTBOUND OFF-RAMP	XS-1 THRU XS-4	9001-9004
WESTBOUND OFF-RAMP	XS-5 THRU XS-12	9005-9012
GAUTIER-VANCLEAVE ROAD	XS-13 THRU XS-22	9013-9022

TICE		
PS & E PLANS DATE: 12/04/12		
FMS CON.: 104273/301000		
REVISIONS		
DATE	SHEET NO.	BY
12-14-12	2, 38, 39, 40, 41	TICE



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
I-10 @ GAUTIER/VANCLEAVE RD INTERSECTION IMPROVEMENTS	
PROJ NO: NH-0010-01(045)	WORKING NUMBER
COUNTY: JACKSON	DI-1
FILENAME: DI-1.DGN	SHEET NUMBER
DESIGN TEAM TICE	2

12/17/2012 1:34:41 PM DI.DGN

GENERAL NOTES:

**GENERAL NOTES**

STATE	PROJECT NO.
MISS.	NH-0010-01(045)

- 1 ALL SIGNALS, PAVEMENT MARKINGS, AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION)
- 2 UNDERGROUND UTILITIES SHOWN ON PLANS ARE PLOTTED IN THEIR LOCATIONS FROM THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER DOES NOT GUARANTEE THEIR ACCURACY OR GUARANTEE THAT ALL UTILITIES ARE SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY MISSISSIPPI ONE CALL INC FOR UTILITY LOCATION IMMEDIATELY PRIOR TO WORK.
- 3 ALL RAISED OBJECTS TO BE PLACED A MINIMUM OF 2.0 FEET BEHIND FACE OF CURB. NEW TRAFFIC POLES TO BE PLACED A MINIMUM OF 8.0 FEET BEHIND FACE OF CURB UNLESS WRITTEN PERMISSION IS AUTHORIZED BY ENGINEER. PLACEMENT OF RAISED OBJECTS AND NEW POLES SHALL CONFORM TO A.D.A. REQUIREMENTS AND AASHTO ROADSIDE DESIGN GUIDE CLEAR ZONE STANDARDS.
- 4 ALL POLES, PULLBOXES AND CONTROLLERS SHALL BE FIELD LOCATED BY THE ENGINEER AND THE CONTRACTOR AT THE NEAREST PRACTICAL LOCATION INDICATED ON PLAN SHEETS.
- 5 EXTEND POLE FOUNDATIONS TO APPROXIMATELY 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 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.
- 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 COVERED UNDER PAY ITEM 618-A001.
- 9 R1-1 SIGNS ON SIDE STREET APPROACHES SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER TRAFFIC SIGNALS ARE INSTALLED AND OPERATIONAL AND SHALL BE COST ABSORBED.
- 10 THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT THE FIELD CONDITIONS.
- 11 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.
- 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 ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- 14 REMOVAL OF RAISED PAVEMENT MARKERS IS NOT A SEPARATE PAY ITEM.
- 15 CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE. ALL COSTS ASSOCIATED WITH THIS SHALL BE ABSORBED.

- 16 THE CONTRACTOR IS TO REMOVE, OR REMOVE AND RESET, ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).
- 17 THE EROSION CONTROL DEVICES IN THESE PLANS ARE A MINIMUM RESPONSIBILITY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT SILT DOES NOT LEAVE THE R.O.W. OR CONTAMINATE WATERS OF THE U.S. DURING CONSTRUCTION.
- 18 THE CONTRACTOR SHALL FURNISH ALL MATERIALS, PREPARE THE PAVEMENT SURFACE AND INSTALL THE PAVEMENT MARKINGS. ALL PAVEMENT MARKING MATERIALS SHALL BE APPROVED BY THE MDOT PRIOR TO INSTALLATION.
- 20 THE DIMENSIONS SHOWN FOR PAVEMENT STRIPES ARE TO THE CENTER OF THE STRIPE OR IN THE CASE OF A DOUBLE STRIPE, TO THE CENTER OF THE DOUBLE STRIPE.
- 21 THE PAVEMENT MARKING DRAWINGS ARE SCHEMATIC ONLY AND NOT TO SCALE. THE CONTRACTOR SHALL FOLLOW ALL DIMENSIONS, DETAILS AND STANDARDS WHEN INSTALLING PAVEMENT STRIPES, MARKINGS, AND MARKERS.
- 22 ALL RAISED PAVEMENT MARKERS SHALL BE INSTALLED SO THAT THE REFLECTIVE FACE OF EACH MARKER IS FACING THE DIRECTION OF TRAFFIC AND IS PERPENDICULAR TO THE DIRECTION OF TRAFFIC FLOW.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>GENERAL NOTES</b>	
I-10 @ GAUTIER/VANCLEAVE RD INTERSECTION IMPROVEMENTS	
PROJ NO: NH-0010-01(045)	WORKING NUMBER GN-1
COUNTY: JACKSON	SHEET NUMBER 3
FILENAME: generalnotes.dgn	
DESIGN TEAM	TICE
CHECKED	WRT
DATE	2012