1 st O. REV.

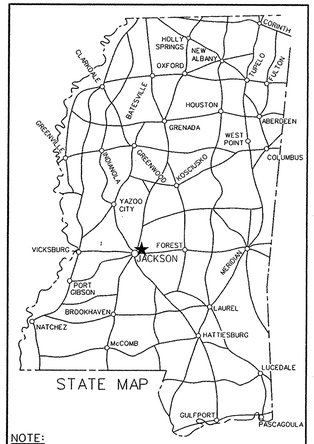
STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. HSIP–0056–01(069)

MS 25 FROM I–55 TO THE RANKIN COUNTY LINE IN HINDS CO. & MS 25 FROM THE RANKIN COUNTY LINE TO MS 471 IN RANKIN CO. TRAFFIC SIGNAL & SIGNING PROJECT

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	HSIP–0056–01(069)	1



NOTE:
★ INDICATES APPROX. LOCATION OF PROJECT
LAT. 32° 20' 03.00" N LONG. 90° 08' 30.31" W
(APPROX. MIDDLE OF PROJECT)

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 4000 FT.

FMS (HINDS): 105558 / 101000 PE
105558 / 301000 CONST
FMS (RANKIN): 105558 / 102000 PE
105558 / 302000 CONST

EQUATIONS

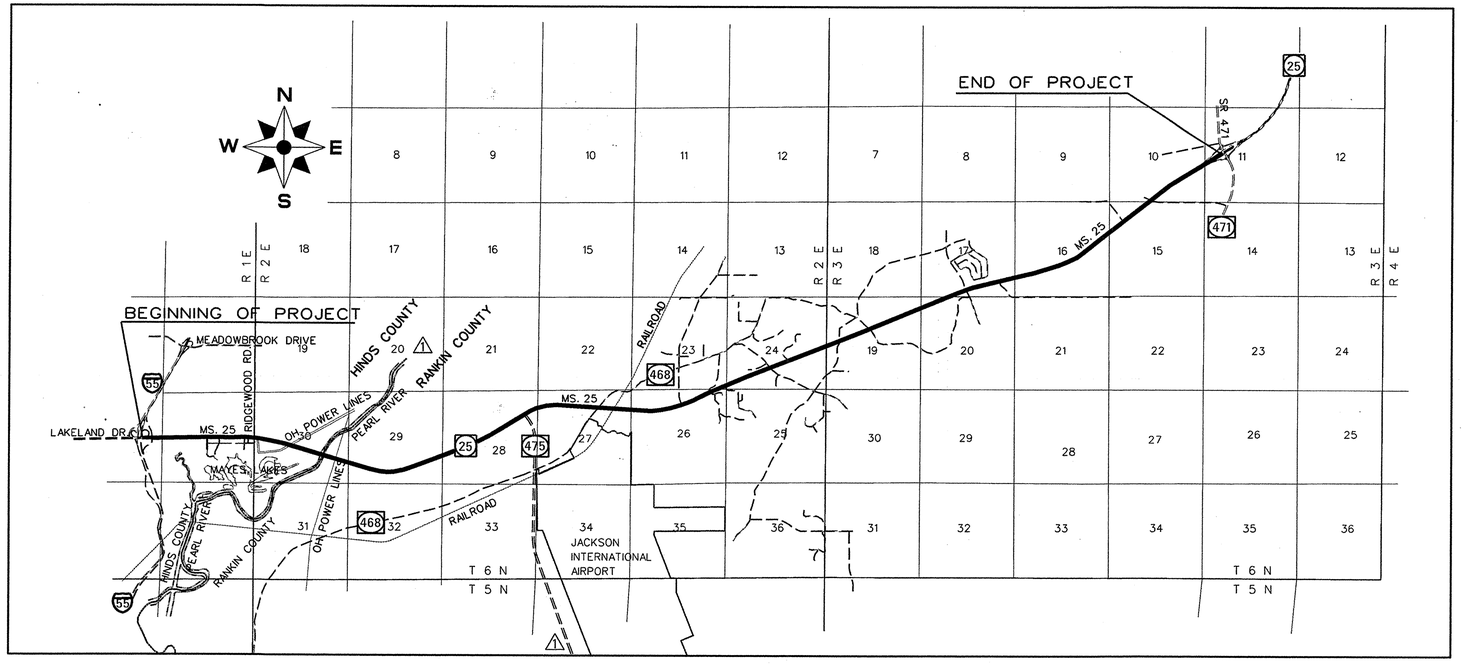
– none

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 .....

LENGTH DATA

LENGTH OF ROADWAY	32,816.00	FT.	6.215	MI.
LENGTH OF BRIDGES	0.00	FT.	0.000	MI.
LENGTH OF PROJECT (NET)			0.000	MI.
LENGTH OF EXCEPTIONS	0.00	FT.	0.000	MI.
LENGTH OF PROJECT (GROSS)			4.200	MI.

DESIGN CONTROL
SR 25 TRAFFIC SIGNAL PROJECT
____ MPH = V (SPEED DESIGN)
ADT ( ) = ____ : ADT ( ) = NA
DHV = NA : D = NA % T = NA %

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 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: PBS DATE: 9/17/09

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APPROVED:
CHIEF ENGINEER — DATE 9/17/09
EXECUTIVE DIRECTOR — DATE 9/17/09
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR — DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

BY	DATE	REVISED MAP REVISIONS
JBM	9/17/09	Update

09/2/2009 11:32:37 TITLE SHEET.DGN

STATE	PROJECT NO.
MISS.	HSIP-56-01(069)

1 st O. REV. DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
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PS & E PLANS DATE: 09/17/2009		
FMS CON.: 105558 / 301000 & 302000		
REVISIONS		
DATE	SHEET NO.	BY
10-2-09	1,2,3,4,5,6,7,8,10	JBM
10-26-09	8, 80, 82	JBM

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BY	DATE	REVISION
JBM	10/2/09	Revised PS & E Plan Date

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

MS 25 (LAKELAND DRIVE)
TRAFFIC SIGNAL PROJECT

PROJ NO: HSIP-0056-01(069)
COUNTY: HINDS/RANKIN

WORKING NUMBER: DI-1
SHEET NUMBER: 2

FILENAME: DI-1.DGN
DESIGN TEAM BAKER CHECKED JBM DATE 2009

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

10/27/2009 12:02:37 DETAILED INDEX.DGN

STATE	PROJECT NO.
MISS.	HSIP-56-01(069)

1 st O. REV. DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
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PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

10/2/2009 11:46:08 DETAILED INDEX.DGN

BY	REVISION	DATE
JBM ⚠1	Revised Number of Sheets	10/2/09

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

MS 25 (LAKELAND DRIVE)
TRAFFIC SIGNAL PROJECT

PROJ NO: HSIP-0056-01(069)
COUNTY: HINDS/RANKIN

FILENAME: DI-1.DGN
DESIGN TEAM BAKER CHECKED JBM DATE 2009

WORKING NUMBER: DI-2
SHEET NUMBER: 3

1 st O. REV.

STATE	PROJECT NO.
MISS.	HSIP-56-01(069)

GENERAL NOTES

(1) FOR A LIST OF PUBLIC UTILITIES, SEE BELOW.

(2) 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.

(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 SHOULD 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) FLUORESCENT ORANGE REFLECTIVE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS REGARDLESS OF WHETHER USED DURING DAYTIME OR NIGHTTIME HOURS.

(5) 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.

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

(7) REMOVAL OF RAISED PAVEMENT MARKERS IS NOT A SEPARATE PAY ITEM.

(8) CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE. ALL COSTS ASSOCIATED WITH THIS SHALL BE ABSORBED.

(9) THE ENDS OF EXISTING PIPES TO BE ABANDONED IN PLACE SHALL BE PLUGGED WITH CONCRETE (NOT A SEPARATE PAY ITEM).

(10) ALL POST LENGTHS, FOR BOTH SIGNS AND SIGNALS, SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.

1 (11) 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

1 (12) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE CITY OF JACKSON AND THE CITY OF FLOWOOD REGARDING THE REMOVAL OF THE EXISTING LIGHT ASSEMBLIES LOCATED IN THE MEDIAN OF SR 25 AT THE COOL PAPA BELL AND AIRPORT ROAD INTERSECTIONS. THE LIGHT ASSEMBLIES IN HINDS COUNTY ARE PROPERTY OF THE CITY OF JACKSON AND IN RANKIN COUNTY ARE PROPERTY OF THE CITY OF FLOWOOD. ONCE REMOVED, THE LIGHT ASSEMBLIES SHOULD BE DELIVERED TO THE RESPECTIVE CITY.

(13) EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF 4 BALES PER EVERY 25 LINEAR FEET OF DITCH AND 4 BALES AT EACH PIPE OUTLET. THIS IS REQUIRED AS A TEMPORARY EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES ARE INSTALLED. THE ENGINEER WILL DETERMINE THE ACTUAL LOCATION AND NUMBER OF BALES DURING THE CONSTRUCTION OF THE PROJECT. (SEE WK. NO. TEC-1 FOR DETAILS.)

(14) UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION 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.

(15) ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHOULD COMPLY WITH PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.

(16) THE CONTRACTOR IS TO REMOVE, OR REMOVE AND RESET, ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).

(17) WORK 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 IS 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, NCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

(18) 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.

(19) THE REMOVE AND RESET OF TRAFFIC SIGNAL SIGNING ON MAST ARMS IS NOT A SEPARATE PAY ITEM.

(20) ANY ADDITIONAL TRAFFIC SIGNAL ITEMS, WHERE NOT SPECIFED ON THE PLANS, THAT WILL BE REQUIRED TO GET THE VEHICLE LOOP ASSEMBLIES AND VEHICLE DETECTION UNITS IN PROPER WORKING ORDER, SUCH AS DETECTOR AMPLIFIERS, PULL BOXES, CONDUIT, ETC., WILL BE COST ABSORBED.

(21) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE CITY OF FLOWOOD REGARDING THE REMOVAL OF THE IRRIGATION SYSTEM LOCATED IN THE MEDIAN OF THE SR 25 AND AIRPORT ROAD INTERSECTION. ANY SALVAGED IRRIGATION COMPONENTS ARE TO BE RETURNED TO THE CITY OF FLOWOOD.

PUBLIC UTILITIES - HINDS AND RANKIN COUNTY

MISSISSIPPI ONE CALL 800.227.6477 OR 8-1-1	SOUTHERN ELECTRIC 601.939.2333	ATMOS ENERGY 601.961.6812	AT&T PHONE SERVICE 866.620.6900
CITY OF JACKSON WATER & SEWER 601.960.2090	ENTERGY 800.368.3749	COMCAST CABLE 601.982.0922	CENTERPOINT GAS 601.936.0222

1 CITY OF FLOWOOD WATER & SEWER
601.936.3186

BY	DATE	REVISION
JBM	10/2/09	Removed Original Note 11; Added City of Flowood Utility; Added Note 12 and Note 21.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

MS 25 (LAKELAND DRIVE)
TRAFFIC SIGNAL PROJECT

PROJ NO: HSIP-0056-01(069)
COUNTY: HINDS/RANKIN

FILENAME: generalnotes.dgn
DESIGN TEAM BAKER CHECKED JBM DATE 2009

WORKING NUMBER GN-1
SHEET NUMBER 4