

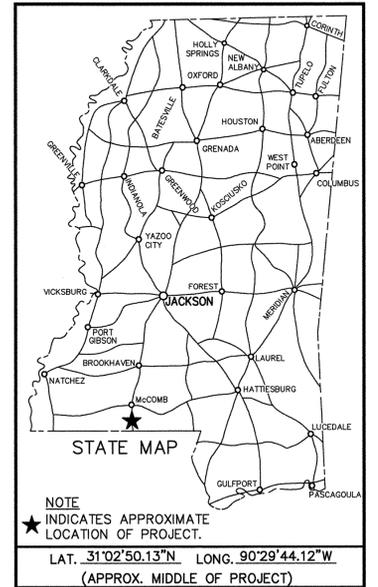
FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP-0055-01(094)	1

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

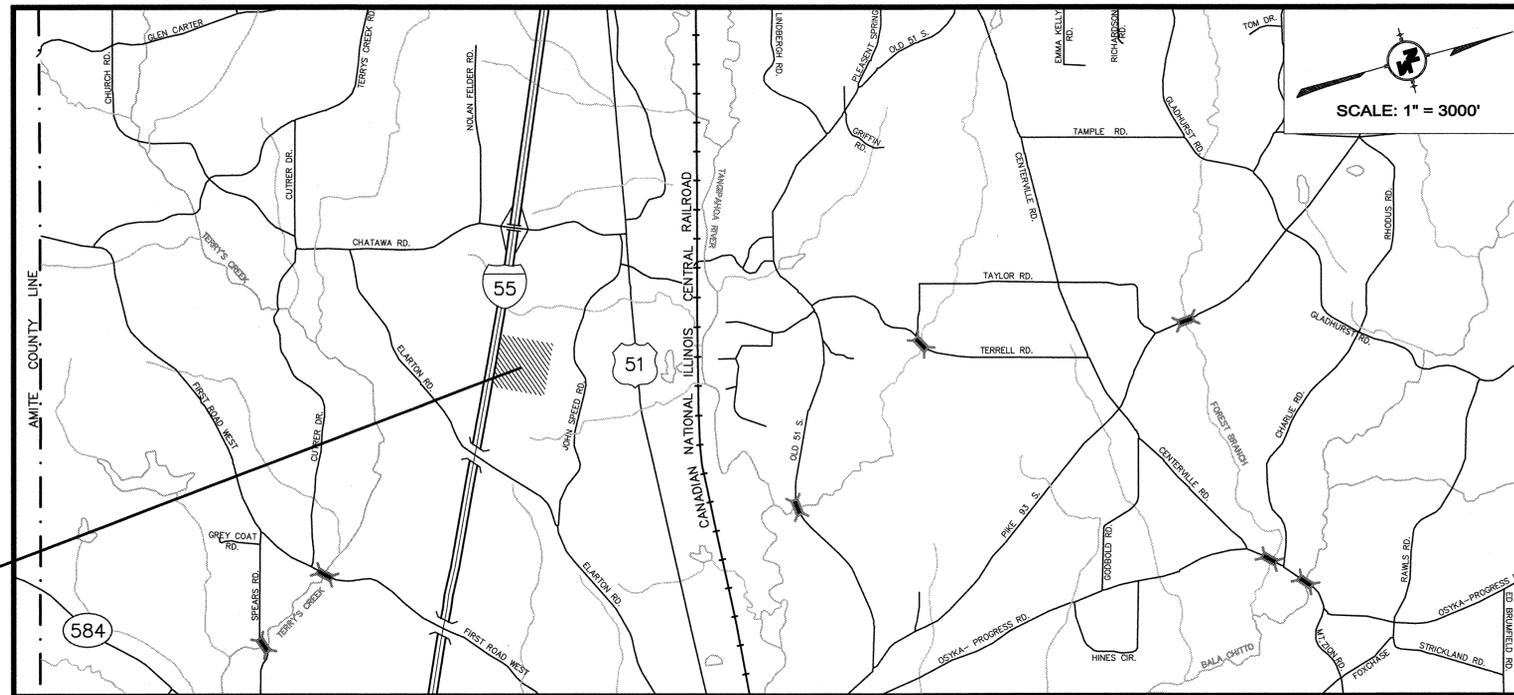
**PLANS OF PROPOSED
PIKE COUNTY WELCOME CENTER SITE IMPROVEMENTS
ON U.S. INTERSTATE No.55, NORTH
FEDERAL AID PROJECT NO. STP/IM-0055-01(094)**

PIKE COUNTY

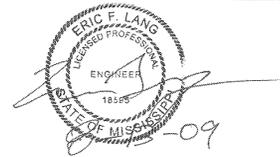
STP# 105569/301000
IM# 105569/302000



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, SCNOI TO BE SUBMITTED BY MDOT (DISTURBED AREA = 6 ACRES + INTB 686)	
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES + INTB 14)	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY: <i>[Signature]</i> DATE: 8-26-09		



**WELCOME CENTER
105569/301000(STP)
105569/302000(IM)**



REVISION	DATE	BY	APPROVED:	DATE
			<i>[Signature]</i> CHIEF ENGINEER	8/26/09
			<i>[Signature]</i> EXECUTIVE DIRECTOR	8/26/09
			MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
			APPROVED:	
			DIVISION DIRECTOR	DATE
			FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

1 st O. REV.

STATE	PROJECT NO.
MISS.	STP-0055-01(094)

<u>DESCRIPTION OF SHEET</u>	<u>WKG. NO.</u>	<u>SHT. NO.</u>
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (2)		
DETAILED INDEX	DI-1	2
GENERAL NOTES	GN-1	3
TYPICAL SECTION SHEETS (1)		
TYPICAL SECTIONS	TS-1	4
QUANTITY SHEETS (3)		
SUMMARY OF QUANTITIES (IM-1)	SQ-1	5
SUMMARY OF QUANTITIES (STP-1)	SQ-2	6
SUMMARY OF QUANTITIES (STP-2)	SQ-3	7
PLAN SHEETS (5)		
PLAN - EXISTING DRAINAGE	PLN-1	8
PLAN - DEMOLITION	PLN-2	9
PLAN - PROPOSED DRAINAGE	PLN-3	10
PLAN - PAVING	PLN-4	11
PLAN - CONCRETE JOINTS	PLN-5	12
WATER AND SEWER SHEETS (5) Δ		
WATER TREATMENT FACILITY SHEET	WS-1	13
WATER AND SEWER DETAILS (SHEET 1)	WSD-1	14
WATER AND SEWER DETAILS (SHEET 2)	WSD-2	15
WATER AND SEWER DETAILS (SHEET 3)	WSD-3	16
Δ WATER TREATMENT FACILITY SHEET DETAIL	WSD-4	16A
SPECIAL DESIGN SHEETS (3)		
MISCELLANEOUS DETAILS	MD-1	17
GATE DETAILS	GD-1	18
VEGETATION SCHEDULE	VS-1	19
PAVEMENT MARKING AND SIGNING DETAILS (3)		
PAVEMENT MARKING DETAIL	PMD-1	20
PAVEMENT MARKING AND SIGNING DETAILS	PMD-2	21
WELCOME CENTER SIGN	SG-1	22
LANDSCAPE DESIGN SHEETS (3)		
LANDSCAPE PLAN (SHEET 1)	LS-1	23
LANDSCAPE PLAN (SHEET 2)	LS-2	24
LANDSCAPE DETAILS	LS-3	25
ELECTRICAL SHEETS (13)		
ELECTRICAL GENERAL NOTES AND LEGEND	EGN-1	26
ELECTRICAL QUANTITIES	EQ-1	27
ELECTRICAL DEMOLITION PLAN (SHEET 1)	EDEMO-1	28
ELECTRICAL DEMOLITION PLAN (SHEET 2)	EDEMO-2	29
LIGHTING PLAN (SHEET 1)	LP-1	30
LIGHTING PLAN (SHEET 2)	LP-2	31
LIGHTING PLAN (SHEET 3)	LP-3	32
ELECTRICAL DETAILS	ED-1	33
LIGHTING DETAILS (SHEET 1)	LD-1	34
LIGHTING DETAILS (SHEET 2)	LD-2	35
WATER TREATMENT FACILITY ELECTRICAL PLAN	WTEP-1	36
SEWAGE GRINDER ELECTRICAL PLAN	SGEP-1	37
WELCOME CENTER SIGN ELECTRICAL DETAILS	WCES-1	38

<u>DESCRIPTION OF SHEET</u>	<u>WKG. NO.</u>	<u>SHT. NO.</u>
STANDARD DRAWINGS (15)		
CONTINUOUSLY REINFORCED CONCRETE PAVEMENT 16'-0" WIDE	CRP-1B	103
CONCRETE PAVEMENT JOINTS (TRANSVERSE)	PJ-1	104
CONCRETE PAVEMENT JOINTS (LONGITUDINAL)	PJ-2	105
PAVEMENT MARKING LEGEND DETAILS	PM-6	125
EROSION CONTROL	EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)	TEC-1	142
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4	225
DRIVEWAYS, INTEGRAL CURB, & SIDEWALK	SD-2	288
PIPE CULVERT INSTALLATION	PI-1	300
CONCRETE PIPE COLLAR	PC-1	301
JUNCTION BOX FOR PIPE CULVERTS	JB-1	302
JUNCTION BOX TYPE 2 FOR TRAFFIC LOAD	JB-2	304
DETAILS OF GRATES FOR GUTTER INLETS	IG-2	315
STORM SEWER INLET TYPE SS-2	SS-2	322
STORM SEWER INLET TYPE SS-3	SS-3	323
TOTAL SHEETS	54	Δ



PS & E PLANS - DATE 08/17/2009		
FMS CON. # 105569/301000		
FMS CON. # 105569/302000		
REVISIONS		
DATE	SHEET NO.	BY
9/3/09	5, 6, 7, 13, 14, 25	EL
9/28/09	2, 16A	EL

NOTE:
 ANY REFERENCE TO PROJECT NUMBER STP-0055-01(094) IS TO BE UNDERSTOOD THAT STP/IM-0055-01(094) IS THE CORRECT PROJECT NUMBER.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILED INDEX			
PROJ. NO. STP-0055-01(094)		WORKING NUMBER	
COUNTY: PIKE		DI-1	
FILENAME: 6955_INDEX (8-10-09).DWG		SHEET NUMBER	
DATE: 9/28/09		2	
DESIGN TEAM: NEEL-SCHAFFER CHECKED: _____ DATE: _____			

9/29/2009 8:41 AM 6955_INDEX (8-10-09).DWG
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 PLANS DIVISION
 ENGINEERING SECTION

GENERAL NOTES

1. THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION, AS AMENDED, SHALL BE THE STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF THIS PROJECT UNLESS OTHERWISE INDICATED OR AMENDED IN THE SPECIAL PROVISIONS, PROPOSAL AND CONTRACT DOCUMENTS.
2. 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.
3. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
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. 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.
5. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING BRACING, SHORING OR ANY GROUND SUPPORT SYSTEM REQUIRED TO PREVENT A FAILURE FROM OCCURRING DURING EXCAVATION. ALL COST FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING AND CONSTRUCTING THE SUPPORT SYSTEM, SHALL BE INCLUDED IN THE BID PRICE FOR CONTRACT ITEMS.
6. REMOVAL OF RAISED PAVEMENT MARKERS AND PAVEMENT MARKINGS IS NOT CONSIDERED A SEPARATE PAY ITEM.
7. REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
8. 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.
9. PRIOR TO EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL TOPSOIL SHALL BE STRIPPED AND STOCKPILED. AFTER COMPLETION OF EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL SLOPES SHALL BE UNIFORMLY PLATED WITH THE STOCKPILED TOPSOIL. THE COST OF STRIPPING, STOCKPILING, PLACING AND SPREADING OF TOPSOIL IS TO BE INCLUDED IN OTHER ITEMS OF WORK.
10. EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF FOUR (4) BALES EVERY TWENTY FIVE (25) TO ONE HUNDRED (100) L.F. OF DITCH. EIGHT (8) BALES PER INLET AND FOUR (4) BALES PER PIPE OUTLET. THIS MAY BE 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 CONSTRUCTION (SEE WK. NO. TEC-1).
11. CLEARING AND GRUBBING/REMOVAL AND DISPOSAL SHALL BE PAID AS A LUMP SUM ITEM. CONTRACTOR SHALL BE FAMILIAR WITH THE EXTENT OF THE CLEARING AND GRUBBING PRIOR TO BIDDING THIS ITEM.
12. THE CONTRACTOR SHALL ADHERE TO ALL CURRENT MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY GUIDELINES.
13. CONTRACTOR SHALL IMPLEMENT AND MAINTAIN CONTROLS AS NEEDED TO PREVENT EROSION AND SEDIMENT FROM ADVERSELY AFFECTING ADJACENT PROPERTY THROUGHOUT CONSTRUCTION OF PROJECT. WHEN WORK IS NOT BEING PERFORMED IN A DISTURBED AREA. CONTRACTOR SHALL INSTALL APPROPRIATE TEMPORARY AND/OR VEGETATIVE AND STRUCTURAL PRACTICES TO INSURE THAT EROSION AND SEDIMENT FROM CONSTRUCTION SITE DOES NOT FLOW ONTO ADJOINING PROPERTIES. OTHER CONTROLS SHALL MINIMIZE OFF-SITE VEHICLE TRACKING OF SEDIMENTS
14. ALL STORM DRAINAGE STRUCTURES SHALL BE CAST-IN-PLACE CONCRETE. NO BRICK OR CMU WILL BE ALLOWED.
15. AREAS WHERE THE NEW ASPHALT TIES INTO THE EXISTING ASPHALT ON SIDE ROADS, THE EXISTING ROADS SHALL BE MILLED 6 FEET WIDE ACROSS THE WIDTH OF THE PAVEMENT TO PROVIDE SMOOTH TIE IN.
16. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).
17. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE SIGNING PLAN, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER OR HIS REPRESENTATIVE PRIOR TO FINAL PLACEMENT.
18. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
19. PRIOR TO POURING CONCRETE SIDEWALKS, THE PROJECT ENGINEER SHOULD BE NOTIFIED SO THAT SIGNS REQUIRED IN SIDEWALKS CAN BE LOCATED.
20. SOME WORK MAY BE REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. NO ADDITIONAL COMPENSATION WILL NOT BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
21. ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION).
22. ALL RAISED OBJECTS SHALL BE PLACED A MINIMUM OF 2 FEET BEHIND THE FACE OF CURB OR AS DIRECTED BY THE ENGINEER.
23. CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE AND COORDINATE WITH APPROPRIATE OFFICIALS IN ADVANCE OF REQUIRING THE ELECTRICAL SERVICE.
24. MATERIAL NEEDED TO BRING THE SITE TO FINISH GRADE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
25. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE VERIFICATION, PROTECTION, AND RELOCATION OF BENCHMARKS DURING CONSTRUCTION. NO ADDITIONAL PAYMENT WILL BE MADE FOR RELOCATION OF BENCHMARKS.
26. ALL EXISTING AND PROPOSED DRAINAGE STRUCTURES INSIDE THE LIMITS OF CONSTRUCTION ARE TO BE CLEANED OF ALL FOREIGN MATTER, INCLUDING SILT, PRIOR TO COMPLETION OF THE PROJECT. COST SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING AND THE LOCATION OF THE PROJECT. CONTROL COORDINATE SYSTEM AVAILABLE THROUGH THE ENGINEER.
28. SITE CONTRACTOR SHALL COORDINATE WITH LIGHTING AND LANDSCAPE CONTRACTORS FOR UTILITY LOCATIONS.
29. R.C.P. SHALL BE CLASS III UNLESS OTHERWISE NOTED.
30. ALL CONCRETE 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 NON-WOVEN GEOTEXTILE FABRIC TO THE SATISFACTION OF THE ENGINEER (NOT A SEPARATE PAY ITEM).
31. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES.
32. DEVIATIONS FORM THESE PLANS AND NOTES WITHOUT PRIOR WRITTEN CONSENT OF THE OWNER, HIS REPRESENTATIVE OR THE ENGINEER MAY CAUSE THE WORK TO BE UNACCEPTABLE.
33. ALL DISTURBED AREAS SHALL BE FERTILIZED AND SEEDED ACCORDING TO THE VEGETATION SCHEDULE IN THESE PLANS.
34. GRADE ALL LANDSCAPE AREAS TO DRAIN. ALL PLANTERS AND LANDSCAPE AREAS WILL BE FILLED TO TOP OF CONCRETE CURB WITH TOPSOIL AND SHALL BE FREE OF DEBRIS.
35. WHERE SEWER MAIN IS WITHIN 10 FEET OF WATER MAIN HORIZONTALLY. SEWER MAIN MUST BE 18" BELOW WATER MAIN VERTICALLY.
36. ALL FITTINGS AND VALVES SHALL BE MECHANICAL JOINT WITH CONCRETE THRUST BLOCK AT ALL BENDS ALONG WITH MEGA LUG JOINT RESTRAINT CONNECTIONS.
37. FULL LENGTH PIPE SECTIONS ARE REQUIRED BEFORE AND AFTER ALL FITTINGS.
38. ALL NEW SEWER PIPE SHALL BE S.D.R. 26.

ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/13/2008 1:50 PM 6955_NOTES (8-10-09).DWG

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
PROJ. NO. STP-0055-01(094)	WORKING NUMBER GN-1
COUNTY: PIKE	SHEET NUMBER 3
FILENAME: 6955_NOTES (8-10-09).DWG	DESIGN TEAM: NEEL-SCHAFFER CHECKED: - DATE: -