1 st O. REV.

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	105537	1

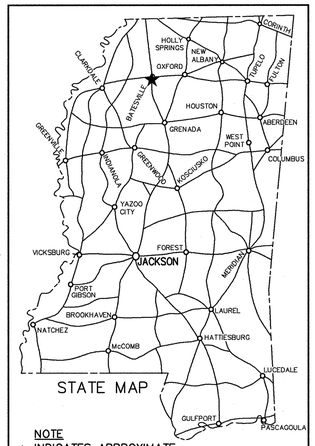
STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED
LANDSCAPING AT BATESVILLE REST AREAS ON U.S. INTERSTATE 55, NORTH AND SOUTH
FEDERAL AID PROJECT NO. IM-0055-04(092)

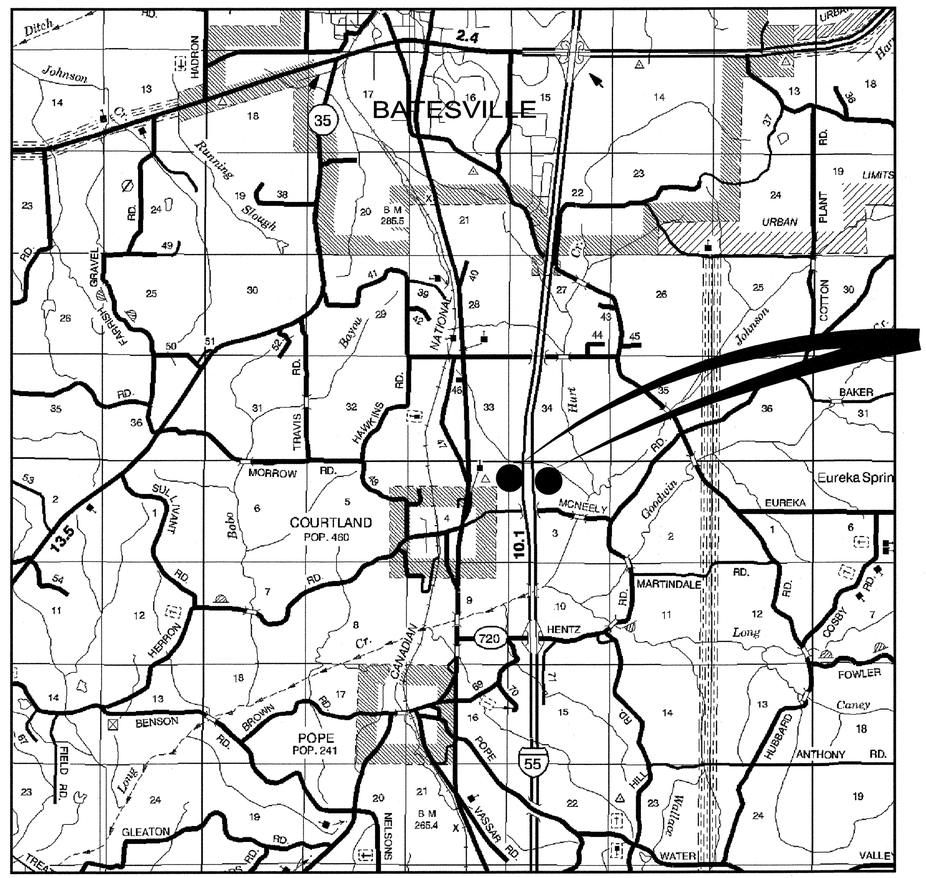
PANOLA COUNTY

105817/301000 (NORTHBOUND)
105817/302000 (SOUTHBOUND)



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34.2507 N LONG. 89.9270 W
(APPROX. MIDDLE OF PROJECT)



PROJECT SITES

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 (DISTURBED 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: JCK DATE: 6/4/10

1

MICHAEL WAYNE ESSARY
LICENSED PROFESSIONAL ENGINEER
11856
STATE OF MISSISSIPPI
1-25-10

ASU

DATE	REVISION	BY
6/1/10	CHANGED STORMWATER PERMIT REQUIREMENT FROM N TO S	RPB

APPROVED:

CHIEF ENGINEER — DATE 6/4/10

EXECUTIVE DIRECTOR — DATE 6/4/10

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION DIRECTOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

6/3/2010 3:45 PM 6955-10_COVER.DWG

1 st O. REV.

STATE	PROJECT NO.
MISS.	IM-0055-04(092)

DESCRIPTION OF SHEET	WKG. NO.	SHT. 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
DEMOLITION SHEETS (2)		
DEMOLITION PLAN - NORTHBOUND	DEMO-1	5
DEMOLITION PLAN - SOUTHBOUND	DEMO-2	6
PLAN SHEETS (6)		
OVERALL SITE PLAN - NORTHBOUND	PLN-1	7
GRADING PLAN & SIDEWALK LAYOUT - NORTHBOUND	PLN-2	8
DRAINAGE PLAN - NORTHBOUND	PLN-3	9
OVERALL SITE PLAN - SOUTHBOUND	PLN-4	10
GRADING PLAN & SIDEWALK LAYOUT - SOUTHBOUND	PLN-5	11
DRAINAGE PLAN - SOUTHBOUND	PLN-6	12
SPECIAL DESIGN SHEETS (9)		
PLAZA LAYOUT PLAN & DETAILS - NORTHBOUND	PLZ-1	13
PLAZA LAYOUT PLAN & DETAILS - SOUTHBOUND	PLZ-2	14
PLAZA WALL LAYOUT & DETAILS - SOUTHBOUND	PLZ-3	15
MISCELLANEOUS DETAILS	MD-1	16
STAIR DETAILS - NORTHBOUND	ST-1	17
NORTHBOUND SITE PLAN - ELECTRICAL	E2.1	18
SOUTHBOUND SITE PLAN - ELECTRICAL	E2.2	19
ELECTRICAL SCHEDULES & DETAILS	E5.1	20
INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS	ECD-11	21
LANDSCAPE DESIGN SHEETS (7)		
LANDSCAPE PLAN - NORTHBOUND	LS-1	22
LANDSCAPE PLAN - SOUTHBOUND - SHEET 1	LS-2	23
LANDSCAPE PLAN - SOUTHBOUND - SHEET 2	LS-3	24
LANDSCAPE DETAILS	LS-4	25
VEGETATION SCHEDULE	LS-5	26
EROSION CONTROL PLAN - NORTHBOUND	ECP-1	27
EROSION CONTROL PLAN - SOUTHBOUND	ECP-2	28
STANDARD DRAWINGS (7)		
EROSION CONTROL	EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)	TEC-1	142
DRIVEWAYS, INTEGRAL CURB & SIDEWALK	SD-2	288
STANDARD PIPE INSTALLATION	PI-1	300
JUNCTION BOX FOR PIPE CULVERTS	JB-1	302
DETAILS OF GRATES FOR GUTTER INLETS	IG-2	315
STORM SEWER INLET TYPE SS-3	SS-3	323

TOTAL SHEETS 35

NEEL-SCHAFFER
Solutions you can build upon

PS & E PLANS - DATE 01/25/2010		
FMS CON. # 105817/301000 (NORTHBOUND)		
FMS CON. # 105817/302000 (SOUTHBOUND)		
REVISIONS		
DATE	SHEET NO.	BY
6-1-10	1,3,4,12,26,27,28	RPB

MICHAEL WAYNE ESSARY
LICENSED PROFESSIONAL ENGINEER
11856
STATE OF MISSISSIPPI
1-25-10

ASU

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJ. NO. IM-0055-04(092)
COUNTY: PANOLA

WORKING NUMBER DI-1

FILENAME: 6955-10_INDEX.DWG
DESIGN TEAM NEEL-SCHAFFER CHECKED - DATE -

SHEET NUMBER 2

REVISION | BY | DATE

ROADWAY PLAN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

6/3/2010 3:40 PM 6955-10_INDEX.DWG

1 st O. REV.

STATE	PROJECT NO.
MISS.	IM-0055-04(092)

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. 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 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 INCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

6. 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.

7. 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.

8. ALL SIZES OF FLARED END SECTIONS MAY BE FURNISHED WITH EITHER BELL AND SPIGOT OR TONGUE AND GROOVE JOINTS.

9. TOE WALLS ARE REQUIRED AT ALL UPSTREAM AND DOWNSTREAM FLARED END SECTIONS (COST ABSORBED).

10. ALL STORM DRAINAGE STRUCTURES SHALL BE CAST-IN-PLACE.

11. 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.

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

13. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLAN, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.

14. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.

15. ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION).

16. ALL RAISED OBJECTS SHALL BE PLACED A MINIMUM OF 2 FEET BEHIND THE FACE OF CURB.

17. CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE AND COORDINATE WITH CITY OFFICIALS IN ADVANCE OF REQUIRING THE ELECTRICAL SERVICE.

18. CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR LOCATION OF EXISTING POWER, TELEPHONE, AND CABLE TV UTILITIES.

19. 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.

20. SITES WILL BE CLOSED TO THE PUBLIC DURING CONSTRUCTION. MDOT WILL BE RESPONSIBLE FOR REST AREA CLOSURE BY SUPPLYING, INSTALLING AND MAINTAINING THE REQUIRED BARRICADES.

△1 21. CONTRACTOR SHALL SALVAGE ALL EXISTING LIGHTING COMPONENTS AS NOTED TO BE REMOVED IN THE PLANS. ALL SALVAGED LIGHTING COMPONENTS SHALL BE REMOVED BY THE CONTRACTOR AND REMAIN PROPERTY OF THE MISSISSIPPI DEPARTMENT OF TRANSPORTATION. THE CONTRACTOR SHALL COORDINATE PLACEMENT OF LIGHTING COMPONENTS WITH THE PROJECT ENGINEER. ANY OF THE LIGHTING COMPONENTS TO BE REMOVED THAT ARE DAMAGED DURING THE REMOVAL PROCESS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR LIGHTING COMPONENTS THAT ARE DAMAGED OR IN DISREPAIR BEFORE REMOVAL BEGINS. LIGHTING COMPONENTS REFERS TO THE FIXTURE, POLE AND ANY COMPLEMENTARY ITEMS SUCH AS WIRING INSIDE THE POLE, BULB, BALLAST, ETC. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING CONCRETE LIGHT FOOTINGS OFF SITE AT HIS EXPENSE.

DATE	REVISION	BY
6/1/10	REMOVED & REVISED GENERAL NOTE	RPB

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJ. NO. IM-0055-04(092)
COUNTY: PANOLA

FILENAME: 6955-10_NOTES.DWG
DESIGN TEAM NEEL-SCHAFFER CHECKED - DATE -

WORKING NUMBER GN-1
SHEET NUMBER 3

ROADWAY PLANS
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

6/2/2010 12:44 PM 6955-10_NOTES.DWG