

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED

HENDERSON POINT PARK
ON U.S. HIGHWAY 90
FEDERAL AID PROJECT NO. STP-0003-01(144)

OCEAN SPRINGS PARK
ON U.S. HIGHWAY 90
FEDERAL AID PROJECT NO. STP-0003-01(145)

②06-30-09

HARRISON COUNTY

SCALES
PLAN 1 IN. = 50 FT.
LAYOUT 1 IN. = 30 FT.

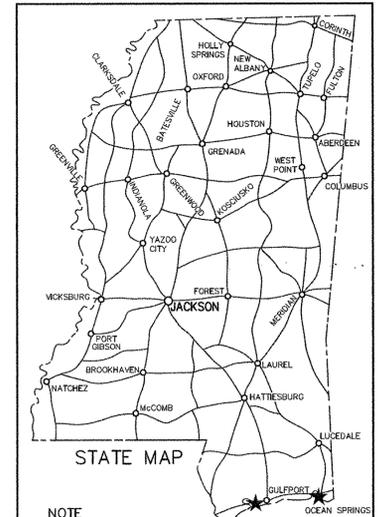
HARRISON CO.
FMS NO.: 105556 / 301000 CONSTR.

JACKSON CO.
FMS NO.: 105557 / 301000 CONSTR.

JACKSON COUNTY

SCALES
PLAN 1 IN. = 60 FT.
LAYOUT 1 IN. = 20 FT.

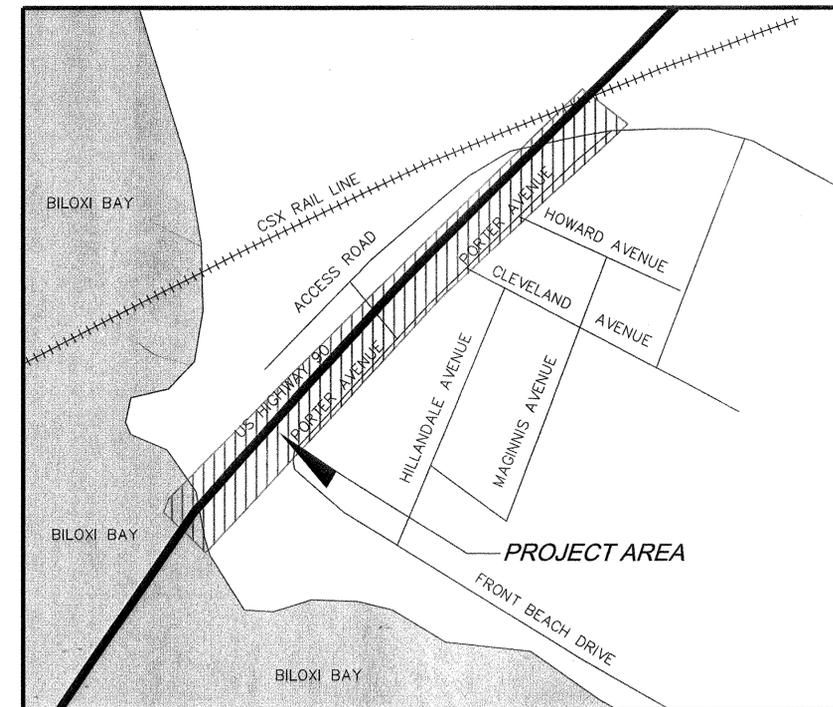
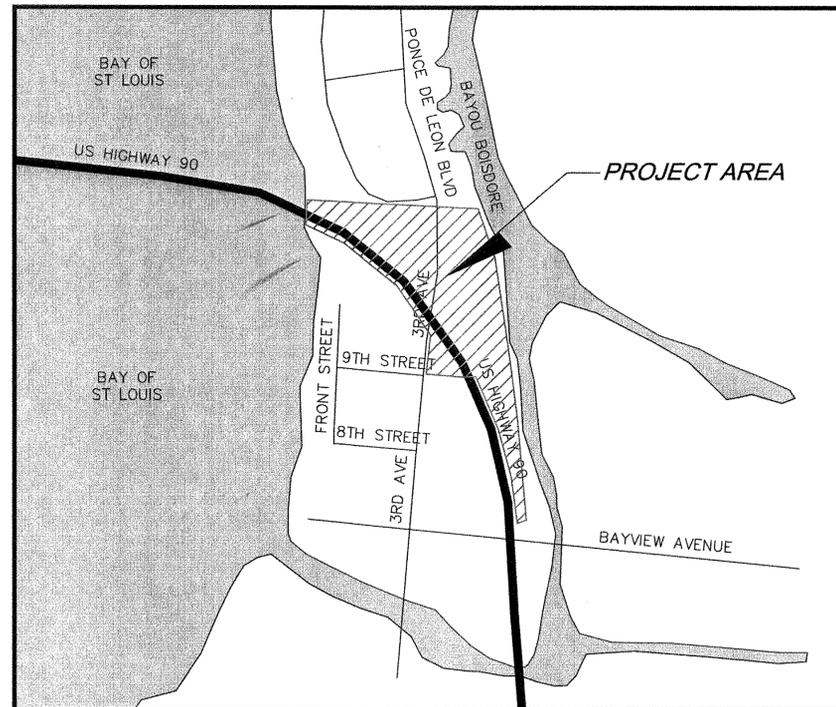
FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP-0003-01(144) STP-0003-01(145)	1



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.
(144) LAT. 30.31588 N LONG. 89.28787 W (APPROX. MIDDLE OF PROJECT)
(145) LAT. 30.41233 N LONG. 88.83895 W (APPROX. MIDDLE OF PROJECT)

- UTILITIES (#144)**
MISSISSIPPI POWER COMPANY
AT&T
CENTERPOINT ENERGY
CABLE ONE
HENDERSON POINT UTILITIES
TOTAL ENVIRONMENTAL SOLUTIONS
CITY OF PASS CHRISTIAN
GULF SOUTH PIPELINE COMPANY
WASTE WATER PLANT SERVICE COMPANY

- UTILITIES (#145)**
MISSISSIPPI POWER COMPANY
AT&T
CENTERPOINT ENERGY
CABLE ONE
MEDIA COMMUNICATIONS
CITY OF OCEAN SPRINGS
QUEST COMMUNICATIONS



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 (144) (145)

Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES + (NTB 588))
S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES + (NTB 14))
N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: ATM DATE: 6-30-09

Professional Engineer Seal for 11856, dated 6-25-09.

APPROVED:	ASU
BY: <i>Michelle Mc North</i>	6/30/09
CHIEF ENGINEER	DATE
BY: <i>Randy R. Brown</i>	6/30/09
EXECUTIVE DIRECTOR	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
APPROVED:	
DIVISION DIRECTOR	DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

DESCRIPTION OF SHEET	WKG. NO.	SHT. NO.	DESCRIPTION OF SHEET	WKG. NO.	SHT. NO.
TITLE SHEET (1)		1	PAVEMENT MARKING AND SIGNING DETAILS (1)		
DETAILED INDEX & GENERAL NOTES (2)			PAVEMENT MARKING AND SIGNING DETAIL – HENDERSON POINT PARK	PMD-1	37
DETAILED INDEX	DI-1	2	LANDSCAPE DESIGN SHEETS (7)		
GENERAL NOTES	GN-1	3	LANDSCAPE PLAN – WEST PARCEL – HENDERSON POINT PARK	LS-1	38
TYPICAL SECTION SHEETS (2)			LANDSCAPE PLAN – EAST PARCEL – HENDERSON POINT PARK	LS-2	39
TYPICAL SECTIONS – SHEET 1	TS-1	4	LANDSCAPE PLAN – SHEET 1 – OCEAN SPRINGS PARK	LS-3	40
TYPICAL SECTIONS – SHEET 2	TS-2	5	LANDSCAPE PLAN – SHEET 2 – OCEAN SPRINGS PARK	LS-4	41
QUANTITY SHEETS (4)			LANDSCAPE PLAN – SHEET 3 – OCEAN SPRINGS PARK	LS-5	42
SUMMARY OF QUANTITIES	SQ-1	6	IRRIGATION PLAN – OCEAN SPRINGS PARK	LS-6	43
SUMMARY OF QUANTITIES	SQ-2	7	LANDSCAPE DETAILS	LS-7	44
SUMMARY OF QUANTITIES	SQ-3	8	LIGHTING SHEETS (5)		
DEMOLITION SHEETS (2)			LIGHTING PLAN – HENDERSON POINT PARK	ELD-1	45
DEMOLITION PLAN – HENDERSON POINT PARK	DEMO-1	9	LIGHTING DETAILS – HENDERSON POINT PARK	ELD-2	46
DEMOLITION PLAN – OCEAN SPRINGS PARK	DEMO-2	10	PAVLIONS LIGHTING PLAN – HENDERSON POINT PARK	ELD-3	47
PLAN SHEETS (16)			RECAPITULATION OF QUANTITIES – HENDERSON POINT PARK	ELD-4	48
OVERALL SITE PLAN – HENDERSON POINT PARK	PLN-1	11	ELECTRICAL PLAN – OCEAN SPRINGS PARK	ELD-5	49
EROSION CONTROL PLAN – HENDERSON POINT PARK	PLN-2	12	STANDARD DRAWINGS (14)		
LAYOUT PLAN – WEST PARCEL – HENDERSON POINT PARK	PLN-3	13	PAVEMENT MARKING LEGEND DETAILS	PM-6	125
LAYOUT PLAN – EAST PARCEL – HENDERSON POINT PARK	PLN-4	14	EROSION CONTROL	EC-1	140
LAYOUT POINT TABLE – HENDERSON POINT PARK	PLN-5	15	TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)	TEC-1	142
GRADING PLAN – WEST PARCEL – HENDERSON POINT PARK	PLN-6	16	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4	225
GRADING PLAN – EAST PARCEL – HENDERSON POINT PARK	PLN-7	17	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4B	227
DRAINAGE PLAN – HENDERSON POINT PARK	PLN-8	18	BREAKAWAY SIGN SUPPORTS	SN-6	229
OVERALL SITE PLAN – OCEAN SPRINGS PARK	PLN-9	19	BREAKAWAY SIGN SUPPORTS	SN-6B	231
EROSION CONTROL PLAN – OCEAN SPRINGS PARK	PLN-10	20	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	250
LAYOUT PLAN SHEET 1 – OCEAN SPRINGS PARK	PLN-11	21	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-10	259
LAYOUT PLAN SHEET 2 – OCEAN SPRINGS PARK	PLN-12	22	PIPE CULVERT INSTALLATION	PI-1	300
LAYOUT PLAN SHEET 3 – OCEAN SPRINGS PARK	PLN-13	23	DETAILS OF GRATES FOR GUTTER INLETS	IG-2	315
GRADING PLAN SHEET 1 – OCEAN SPRINGS PARK	PLN-14	24	STORM SEWER STRUCTURE TYPE SS-2	SS-2	322
GRADING PLAN SHEET 2 – OCEAN SPRINGS PARK	PLN-15	25	STORM SEWER INLET TYPE SS-3	SS-3	323
GRADING PLAN SHEET 3 – OCEAN SPRINGS PARK	PLN-16	26	FLARED END SECTION FOR CONCRETE PIPE	FE-1	328
WATER AND SEWER SHEETS (1)			TOTAL SHEETS	63	
WATER AND SEWER PLAN – HENDERSON POINT PARK	WS-1	27			
SPECIAL DESIGN SHEETS (9)					
TRAFFIC CONTROL PLAN – CONSTRUCTION SIGN LAYOUT	SD-1	28			
SITE DETAILS – SHEET 1 – HENDERSON POINT PARK	SD-2	29			
SITE DETAILS – SHEET 2 – HENDERSON POINT PARK	SD-3	30			
SITE DETAILS – SHEET 3 – HENDERSON POINT PARK	SD-4	31			
SITE DETAILS – SHEET 4 – HENDERSON POINT PARK	SD-5	32			
SITE DETAILS – SHEET 5 – HENDERSON POINT PARK	SD-6	33			
SITE DETAILS – SHEET 6 – HENDERSON POINT PARK	SD-7	34			
SITE DETAILS – SHEET 1 – OCEAN SPRINGS PARK	SD-8	35			
SITE DETAILS – SHEET 2 – OCEAN SPRINGS PARK	SD-9	36			

9/17/2009 10:37 AM 6955-02-03_INDEX.DWG MISSISSIPPI DEPARTMENT OF TRANSPORTATION



PS & E PLANS – DATE 06/25/2009		
FMS CON. # 105556/301000		
FMS CON. # 105557/301000		
REVISIONS		
DATE	SHEET NO.	BY
07/2009	46	RPB
08/2009	4,5,23,27,29,30-36,43,44,46	RPB
8/27/09	35	RPB
9/11/09	8	RPB

ASU	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJ. NO. STP-0003-01(144)	WORKING NUMBER
PROJ. NO. STP-0003-01(145)	DI-1
COUNTY: HARRISON/JACKSON	SHEET NUMBER
FILENAME: 6955-02-03_INDEX.DWG	2
DESIGN TEAM: NEEL-SCHAFFER	CHECKED: _____
DATE: _____	DATE: _____

STATE	PROJECT NO.
MISS.	STP-0003-01(144)
MISS.	STP-0003-01(145)

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. AS REQUIRED BY LAW, THE CONTRACTOR SHALL CONTACT MISSISSIPPI-ONE-CALL AT (1-800-227-6477) TO LOCATE ALL EXISTING UTILITIES ON SITE PRIOR TO HIS WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL UTILITIES NOT DESIGNATED TO BE REMOVED AND SHALL BE RESPONSIBLE FOR ALL DAMAGES AND INTERRUPTIONS THAT RESULT FROM CONTRACTOR'S WORK. CONTRACTOR SHALL ALSO CONTACT THE MDOT (ANTHONY MCFARLIN) AT (228-832-0682) TO LOCATE ANY ADDITIONAL UTILITIES IN THE MDOT RIGHT-OF-WAY. THIS UTILITY LOCATE REQUIRES A TWO WEEK NOTICE PRIOR TO 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 VERTICALLY PLATED WITH THE STOCKPILED TOPSOIL. THE COST OF STRIPPING, STOCKPILING, PLACING AND SPREADING OF TOPSOIL IS TO BE ABSORBED IN OTHER ITEMS OF WORK.
8. 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).
9. ALL SIZES OF FLARED END SECTIONS MAY BE FURNISHED WITH EITHER BELL AND SPIGOT OR TONGUE AND GROOVE JOINTS.
10. TOE WALLS ARE REQUIRED AT ALL UPSTREAM AND DOWNSTREAM FLARED END SECTIONS (COST ABSORBED).
11. ALL STORM DRAINAGE STRUCTURES SHALL BE CAST-IN-PLACE.
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 WHITE BACKGROUND.
13. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).
14. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLAN, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
15. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
16. PRIOR TO POURING CONCRETE SIDEWALKS, THE PROJECT ENGINEER SHOULD BE NOTIFIED SO THAT SIGNS REQUIRED IN SIDEWALKS CAN BE LOCATED.
17. SOME WORK MAY BE REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
18. ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION).
19. ALL RAISED OBJECTS SHALL BE PLACED A MINIMUM OF 2 FEET BEHIND THE FACE OF CURB.
20. CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE AND COORDINATE WITH CITY OFFICIALS IN ADVANCE OF REQUIRING THE ELECTRICAL SERVICE.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THROUGH AND LOCAL TRAFFIC IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
22. THE CONTRACTOR SHALL PROVIDE ACCESS (INGRESS AND EGRESS) TO LOCAL BUSINESSES AND HOMEOWNERS AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR IS REQUIRED TO NOTIFY BUSINESSES AND HOMEOWNERS 48 HOURS IN ADVANCE OF ACCESS RESTRICTIONS.
23. CONTRACTOR SHALL COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR RELOCATION OF EXISTING SEWER UTILITIES. CONTRACTOR SHALL PROVIDE ACCESS TO THE UTILITY COMPANIES FOR RELOCATION ACTIVITIES, AS REQ'D.
24. 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.

6/26/2009 12:15 PM 6955-02-03_NOTES.DWG MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
PROJ. NO. STP-0003-01(144)	WORKING NUMBER
PROJ. NO. STP-0003-01(145)	GN-1
COUNTY: HARRISON/JACKSON	SHEET NUMBER
FILENAME: 6955-02-03_NOTES.DWG	3
DESIGN TEAM: NEEL-SCHAFFER	CHECKED: - DATE: -