FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	IM-0010-01(124)	1

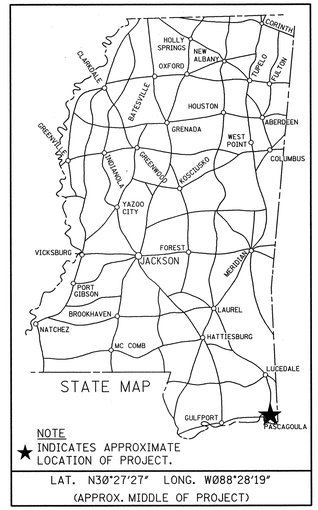
STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. IM-0010-01(124)

INTERSTATE NO.10 BETWEEN
THE PASCAGOULA RIVER AND
MISSISSIPPI-ALABAMA STATE LINE
JACKSON COUNTY

FMS # 104520/301000



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

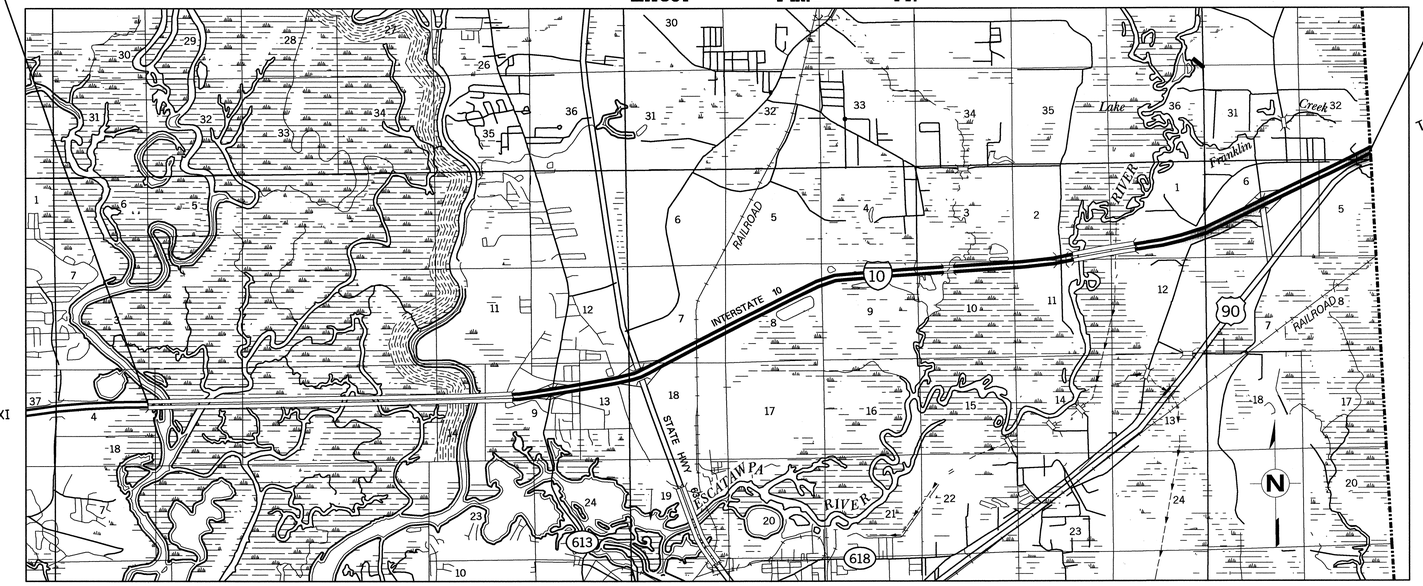
LAT. N30°27'27" LONG. W088°28'19"
(APPROX. MIDDLE OF PROJECT)

B.O.P. Sta. 920 + 32.77

E.O.P. Sta. 1609 + 76.03

SCALES

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



DESIGN CONTROL
70 MPH = V (SPEED DESIGN)
ADT (2013) = 52,000 : ADT (2033) = 77,000
DHV = 7,700 : D = 55 % T= 21 %

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 N	
Y	REQUIRED, CNOI 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: _____ DATE: _____

CONVENTIONAL SYMBOLS

COUNTY LINE .....
TOWN CORPORATION LINE .....
SECTION LINE .....
EXISTING ROAD OR TRAVELED WAY .....
PROPOSED ROAD OR TRAVELED WAY .....
RAILROAD .....
SURVEY LINE .....
BRIDGES .....

EQUATIONS

STA. 1330 + 03.797 = 1312 + 24.510 –1779.287 ft
STA. 1517 + 32.759 = 1517 + 40.580 7.821 ft

LENGTH DATA

LENGTH OF ROADWAY	43,313.886 FT.	8.203 MI.
LENGTH OF BRIDGES	26,333.000 FT.	4.987 MI.
LENGTH OF PROJECT (NET)		MI.
LENGTH OF EQUATIONS	-1771.47 FT.	-0.336 MI.
LENGTH OF PROJECT (GROSS)	67,875.416FT.	12.854 MI.

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APPROVED:

CHIEF ENGINEER — DATE 1/22/12

EXECUTIVE DIRECTOR — DATE 1/23/12

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

REVISIONS | BY | DATE

THIS ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/13/2012 09:31:14 TITLE SHEET.DGN

1 st O. REV.

STATE	PROJECT NO.
MISS.	IM-0010-01(124)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
TITLE SHEET (1)			1
DETAIL INDEX AND GENERAL NOTES (2)			
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GENERAL NOTES		GN-1	3
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TYPICAL SECTION - SR 63		TS-2	5
TYPICAL SECTION - INTERCHANGE RAMPS AT SR 613, SR 63, & FRANKLIN CREEK ROAD		TS-3	6
TYPICAL SECTION - FRANKLIN CREEK ROAD		TS-4	7
TYPICAL SECTION - PAVING DETAILS AT BRIDGE ENDS AND RAMPS		TS-5	8
TYPICAL SECTION - RUMBLE STRIPS (GROUND IN)		TS-6	9
TYPICAL SECTION - PAVING DETAILS AT ENTRANCE AND EXIT RAMPS		TS-7	10
TYPICAL SECTION - CLEARING DETAILS AT ESCATAWPA RIVER BRIDGE		TS-8	11
QUANTITY SHEETS (6)			
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SUMMARY OF QUANTITIES		SQ-2	13
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ESTIMATED QUANTITIES - GUARDRAIL REQUIRED - RIGHT & LEFT LANE		EQ-2	15
ESTIMATED QUANTITIES - BRIDGE DECK JOINT REPAIR		EQ-3	16
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS		TCP-EQ	17
PLAN & PROFILE SHEETS (22)			
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STA. 30+30.00 TO STA. 51+28.210 (SR 613)		3A	19
STA. 1135+00 TO STA. 1165+00		3B	20
STA. 1160+00 TO STA. 1190+00		4	21
STA. 1190+00 TO STA. 1220+00		5	22
STA. 199+00 TO STA. 227+00 (SR 63)		5A	23
STA. 1182+35.767 TO STA. 1214+00		5B	24
STA. 1220+00 TO STA. 1250+00		6	25
STA. 1250+00 TO STA. 1280+00		7	26
STA. 1280+00 TO STA. 1310+00		8	27
STA. 1310+00 TO STA. 1320+00		9	28
STA. 1320+00 TO STA. 1350+00		10	29
STA. 1350+00 TO STA. 1380+00		11	30
STA. 1380+00 TO STA. 1410+00		12	31
STA. 1410+00 TO STA. 1440+00		13	32
STA. 1440+00 TO STA. 1470+00		14	33
STA. 1470+00 TO STA. 1500+00		15	34
STA. 1500+00 TO STA. 1530+00		16	35
STA. 26+00 TO STA. 55+00 (FRANKLIN CREEK ROAD)		17	36
STA. 1527+00 TO STA. 1558+00		17A	37
STA. 1560+00 TO STA. 1590+00		17B	38
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		19	40

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
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SPECIAL DESIGN - BRIDGE #65.4A, I-10 AT PASCAGOULA RIVER, FIRE DAMAGE REPAIR		BR-3	44
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SPECIAL DETAIL - RUBBLE RIP-RAP BENT 17R		BSR-5	50
SPECIAL DETAIL - RUBBLE RIP-RAP BENTS W2L, W2R, W3L, W3R		BSR-6	51
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TRAFFIC CONTROL PLAN - DETAILS FOR CONSTRUCTION SIGNING		TCP-18	55
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GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAYS	(12-01-99)	GR-4A	195
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TOTAL NUMBER OF SHEETS (75)			

PS & E PLANS-DATE 1/27/12		
FMS CON. # 104520/301000		
REVISIONS		
DATE	SHEET NO.	BY
3/8/12	11-12, 32-33, & 46-48	KRS
4/9/12	12 & 46	KRS

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

IM-0010-01(124)
JACKSON COUNTY

WORKING NUMBER: DI-1

SHEET NUMBER: 2

REVISION BY

DATE

FILENAME: DI-1.DGN

DESIGN TEAM SIXTH CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

4/9/2012 14:17:35 DI-1.DGN

STATE	PROJECT NO.
MISS.	IM-0010-01(124)

GENERAL NOTES

1. THE LOCATION AND SPACING OF SIGNS SHOWN ON THE TRAFFIC CONTROL PLAN ARE APPROXIMATE AND MAY BE ADJUSTED TO SUIT FIELD CONDITIONS.
2. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION. (NOT A SEPARATE PAY ITEM)
3. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS AND STRAIGHTNESS.
4. PRIOR TO PLACEMENT OF THE ASPHALT, ALL RAISED PAVEMENT MARKERS THROUGHOUT THE PROJECT SHALL BE REMOVED, PATCH SPALLING AT TRANSVERSE AND LONGITUDINAL PAVEMENT JOINTS, AND CLIP BULGING ASPHALT AT PAVEMENT JOINTS (COST ABSORBED).
5. THE CONTRACTOR SHALL PROVIDE 2 PORTABLE R16-3 SIGNS REQUIRED BY THE STANDARD DRAWINGS FOR LANE CLOSURES (THE COST IS TO BE INCLUDED IN THE PRICE BID FOR PAY ITEM NO. 618-A, MAINTENANCE OF TRAFFIC).
6. CONES SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF TEN (10) POUNDS. CONES USED IN SPEED ZONES EQUAL TO OR GREATER THAN 45 MPH SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 28 INCHES AND A MINIMUM WEIGHT OF FIFTEEN (15) POUNDS. ALL CONES SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.
7. WHERE MILLING OF THE ROADWAY LANES IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE (NOT A SEPARATE PAY ITEM).
8. 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 SHALL 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 STRUCTURES.
9. 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.
10. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHOULD COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
11. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
12. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
13. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING BRACING, SHORING, OR ANY GROUND SUPPORT SYSTEM REQUIRED TO PREVENT A FAILURE FROM OCCURRING DURING EXCAVATION. PROTECTIVE MEASURES INCLUDING THE MATERIALS AND LABOR FOR DESIGNING AND CONSTRUCTING THE FACILITY ARE NOT CONSIDERED A SEPARATE PAY ITEM.
14. ALL GUARDRAIL IS TO BE PAVED UNDER UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER.
15. REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
16. MILLED SURFACES MUST BE OVERLAYED THE SAME NIGHT THEY ARE MILLED. TRAFFIC SHALL NOT BE ALLOWED TO TRAVEL ON A MILLED SURFACE.
17. WORK REQUIRING A LANE CLOSURE WILL ONLY BE PERMITTED BETWEEN THE HOURS OF 7:00 PM AND 6:00 AM, SUNDAY THROUGH THURSDAY.
18. THE RECLAIMED ASPHALT PAVEMENT (RAP) MATERIAL REMOVED BY THE MILLING OPERATION SHALL BECOME THE PROPERTY OF THE CONTRACTOR WITH THE EXCEPTION OF 10,000 TONS OR 50% OF THE TOTAL ANTICIPATED QUANTITY, WHICHEVER IS LESS, AND SHALL BE DELIVERED TO THE OCEAN SPRINGS MAINTENANCE OFFICE LOCATED AT 6100 HWY 57, OCEAN SPRINGS, MS. SUFFICIENT ADVANCE NOTICE SHALL BE GIVEN TO ENSURE THAT MDOT MAINTENANCE PERSONNEL WILL BE ON HAND TO DIRECT THE DELIVERY. THE CONTRACTOR SHALL ALSO PROVIDE MDOT WITH AN OPERATOR AND THE NECESSARY EQUIPMENT TO STOCKPILE THE DELIVERY. THE COST OF WHICH SHALL BE ABSORBED.

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/13/2012 09:32:19 GNOTES.DGN

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

IM-0010-01(124)
JACKSON COUNTY

FILENAME: GNOTES.DGN
DESIGN TEAM SIXTH CHECKED DATE

WORKING NUMBER
GN-1

SHEET NUMBER
3