

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	IM-0059-01(092)	1

STATE OF MISSISSIPPI  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

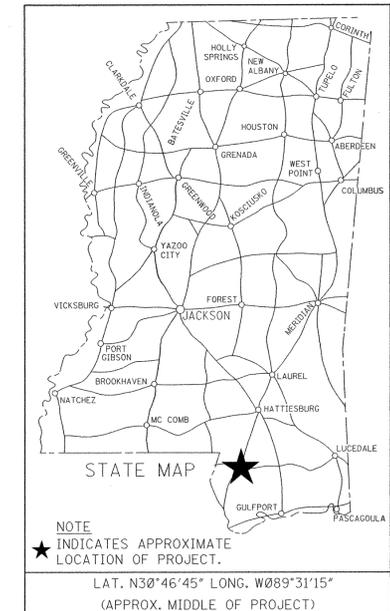
## FEDERAL AID PROJECT NO. IM-0059-01(092)

①04-17-09

OVERLAY OF INTERSTATE 59  
FROM McNEIL TO HILLSDALE  
PEARL RIVER COUNTY

FMS # 103397/301000

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

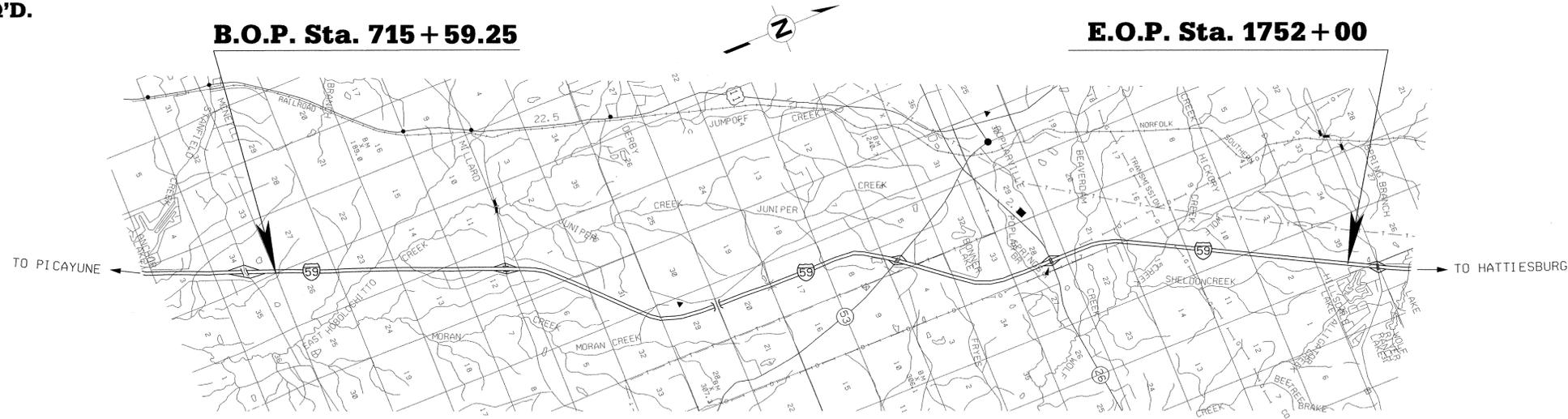


**BRIDGE STRUCTURES REQ'D.**

**B.O.P. Sta. 715 + 59.25**

**E.O.P. Sta. 1752 + 00**

**BOX BRIDGES REQ'D.**



**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	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 GNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + INTB 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: ATM DATE: 4-17-09

**EQUATIONS**

AHEAD	BACK	
STA. 913 + 05.00 =	STA. 913 + 00.0	+ 5.0 ft.
STA. 1061 + 61.00 =	STA. 1061 + 57.70	+ 3.30 ft.
STA. 1294 + 21.20 =	STA. 1294 + 77.50	- 56.3 ft.
STA. 1714 + 98.26 =	STA. 1715 + 00.00	- 1.74 ft.

**EXCEPTIONS**

**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	103,891 FT.	19.676 MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)		MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)		19.676 MI.

APPROVED:	101
BY: <i>Walter McArthur</i>	4/17/09
CHIEF ENGINEER	DATE
EXECUTIVE DIRECTOR	4/17/09
	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
APPROVED:	
DIVISION ADMINISTRATOR	DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

4/16/2009 10:51:24 TITLE SHEET.DGN

1st O. REV.

STATE	PROJECT NO.
MISS.	IM-0059-01(092)

DESCRIPTION OF SHEET

REVISION DATE WKG. NO. SH. NO.

TITLE SHEET (1)			1
DETAIL INDEX AND GENERAL NOTES (2)			
DETAIL INDEX		DI-1	2
GENERAL NOTES		GN-1	3
TYPICAL SECTIONS (5)			
TYPICAL SECTION - MAIN FACILITY- STA. 712+52.29 (BOP) TO STA. 1752+00 (EOP)		TS-1	4
TYPICAL SECTION - INTERCHANGE RAMPS		TS-2	5
TYPICAL SECTION - PAVING DETAILS AT BRIDGE ENDS, RAMPS, & GUARD RAIL		TS-3	6
TYPICAL SECTION - RT. AND LT. LANE RUMBLE STRIPS (GROUND IN)		TS-4	7
TYPICAL SECTION - MILLARD ROAD AND S.R. 26		TS-5	8
QUANTITY SHEETS (9)			
SUMMARY OF QUANTITIES		SQ-1	9
SUMMARY OF QUANTITIES		SQ-2	10
SUMMARY OF QUANTITIES		SQ-3	11
ESTIMATED QUANTITIES - GUARD RAIL REMOVAL		EQ-1	12
ESTIMATED QUANTITIES - GUARD RAIL REQUIRED - LEFT LANE		EQ-2	13
ESTIMATED QUANTITIES - GUARD RAIL REQUIRED - RIGHT LANE & LOCAL ROADS		EQ-3	14
ESTIMATED QUANTITIES - EDGE DRAIN REQUIRED		EQ-4	15
ESTIMATED QUANTITIES - REMOVAL OF CONCRETE PAVEMENT		EQ-5	16
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS		TCP-EQ	17
PLAN & PROFILE SHEETS (37)			
BOP STA. 712+59.25 TO STA. 740+00		3	18
STA. 740+00 TO STA. 770+00		4	19
STA. 770+00 TO STA. 800+00		5	20
STA. 800+00 TO STA. 830+00		6	21
STA. 830+00 TO STA. 860+00		7	22
STA. 860+00 TO STA. 890+00		8	23
STA. 890+00 TO STA. 920+00		9	24
STA. 920+00 TO STA. 950+00		10	25
STA. 20+00 TO STA. 30+00 (MILLARD ROAD)		10A	26
STA. 950+00 TO STA. 980+00		11	27
STA. 980+00 TO STA. 1010+00		12	28
STA. 1010+00 TO STA. 1040+00		13	29
STA. 1040+00 TO STA. 1070+00		14	30
STA. 1070+00 TO STA. 1100+00		15	31
STA. 1100+00 TO STA. 1130+00		16	32
STA. 1130+00 TO STA. 1160+00		17	33
STA. 1160+00 TO STA. 1190+00		18	34
STA. 1190+00 TO STA. 1220+00		19	35
STA. 1220+00 TO STA. 1250+00		20	36
STA. 1250+00 TO STA. 1280+00		21	37
STA. 1280+00 TO STA. 1310+00		22	38
STA. 1310+00 TO STA. 1340+00		23	39
STA. 1340+00 TO STA. 1370+00		24	40
STA. 1370+00 TO STA. 1400+00		25	41
STA. 1400+00 TO STA. 1430+00		26	42
STA. 1430+00 TO STA. 1460+00		27	43
STA. 1460+00 TO STA. 1490+00		28	44
STA. 145+00 TO STA. 158+00 (S.R. 26)		28A	45
STA. 1490+00 TO STA. 1520+00		29	46
STA. 1520+00 TO STA. 1550+00		30	47
STA. 1550+00 TO STA. 1580+00		31	48
STA. 1580+00 TO STA. 1610+00		32	49

DESCRIPTION OF SHEET

REVISION DATE WKG. NO. SH. NO.

PLAN & PROFILE SHEETS (CONTINUED)			
STA. 1610+00 TO STA. 1640+00		33	50
STA. 1640+00 TO STA. 1670+00		34	51
STA. 1670+00 TO STA. 1700+00		35	52
STA. 1700+00 TO STA. 1730+00		36	53
STA. 1730+00 TO STA. 1752+00 (EOP)		37	54
SPECIAL DESIGN ROADWAY ITEMS (13)			
DETAIL OF GUARD RAIL INSTALLATION - STA. 1134+49.72 (LOCAL ROAD)		GRD-1	55
DETAIL OF GUARD RAIL INSTALLATION - STA. 1311+56.09 (S.R. 53)		GRD-2	56
DETAIL OF GUARD RAIL INSTALLATION - STA. 1461+54.40 (S.R. 26)		GRD-3	57
ROADSIDE HAZARD CONCRETE MEDIAN BARRIER		MB-5	58
ROADSIDE HAZARD CONCRETE MEDIAN BARRIER		MB-6	59
TRAFFIC CONTROL PLAN - DETAILS FOR CONSTRUCTION SIGNING		TCP-17	60
EDGE DRAIN DETAIL-CONCRETE APRON AND RODENT SCREEN		EDD-1	61
DETAIL OF EDGE DRAINS		EDD-2	62
TYPICAL CRC PAVEMENT REPAIR		PR-1A	63
TYPICAL CRC PAVEMENT REPAIR (OPTIONAL WELDING METHOD)		PR-1B	64
DETAIL OF EXISTING 8" REINF. CONCRETE PAVEMENT REPAIR		PR-1C	65
DETAIL OF EXIST. CONC. PAVEMENT JOINT REPAIR		PR-1D	66
TRAFFIC CONTROL PLAN - FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATE AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)		SDTCP-4	67
STANDARD ROADWAY DRAWINGS (18)			
CONTINUOUSLY REINFORCED CONCRETE PAVEMENT 24'-0" WIDE		CRP-1	101
CONTINUOUSLY REINFORCED CONCRETE PAVEMENT 16'-0" WIDE		CRP-1B	103
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	(12-01-99)	PM-1	120
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS (PARALLEL AND TAPERS)	(12-01-99)	PM-3	122
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS (PARALLEL AND TAPERS)	(12-01-99)	PM-4	123
EROSION CONTROL		EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIERS)		TEC-1	142
GUARDRAIL: "W" BEAM (STEEL POSTS)	(03-01-02)	GR-1B	182
GUARDRAIL: BRIDGE END SECTIONS- TYPE "A"		GR-2	184
GUARDRAIL: BRIDGE END SECTIONS- TYPE "I"		GR-2C	191
GUARDRAIL: TYPE 1 CABLE ANCHORAGE (CONCRETE FOOTING)	(03-01-02)	GR-3	193
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	(12-01-99)	GR-4	194
GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS	(03-01-02)	GR-4C	197
GUARDRAIL: MISCELLANEOUS HARDWARE	(03-01-02)	GR-HW	202
TYPICAL INSTALLATION OF DELINEATION		SN-8A	234
TYPICAL GUARDRAIL DELINEATION	(03-01-02)	SN-8C	236
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)		TCP-5	254
DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMPS		TCP-12	261
TRAFFIC CONTROL PLANS FOR UNEVEN PAVEMENT DETAILS		TCP-14	263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	(12-01-99)	TCP-15	264

ROADWAY DESIGN DIVISION  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

5/19/2009 1:41:50:51 DI-1.dgn

PS & E PLANS-DATE 04/17/09		
FMS CON. # 103397/301000		
REVISIONS		
DATE	SHEET NO.	BY
05/19/09	2-4,10,13-14	KRS

ADDED SHEETS		REVISION		DATE	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION					
<b>DETAILED INDEX</b>					
PROJECT NO.: IM-0059-01(092)					
COUNTY: PEARL RIVER					
FILENAME: _____				WORKING NUMBER	
DESIGN TEAM _____				DI-1	
CHECKED _____				DATE _____	
				SHEET NUMBER	
				2	



101

1 st O. REV.

STATE	PROJECT NO.
MISS.	IM-0059-01(092)

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. REMOVAL OF RAISED PAVEMENT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
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. ADDITIONAL CHANGEABLE MESSAGE SIGNS WILL BE REQUIRED 2 MILES IN ADVANCE OF AN OVERNIGHT LANE CLOSURE AND WILL BE PAID FOR UNDER PAY ITEM NO. 618-A MAINTENANCE OF TRAFFIC.

ROADWAY DESIGN DIVISION  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

5/19/2009 14:51:24 GNOTES.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
GENERAL NOTES			
DATE	ADDED NOTE	KRS	BY
DATE	REVISION		
FILENAME: GNOTES.DGN		WORKING NUMBER GN-1	
DESIGN TEAM 6th DISTRICT CHECKED		SHEET NUMBER 3	