FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	MP-7590-16(004)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY STATE PROJECT NO. MP-7590-16(004)

S.R. 590
FROM US 49 EAST FOR 7.6 MILES
COVINGTON COUNTY

FMS CONST. 303865/301000

SCALES

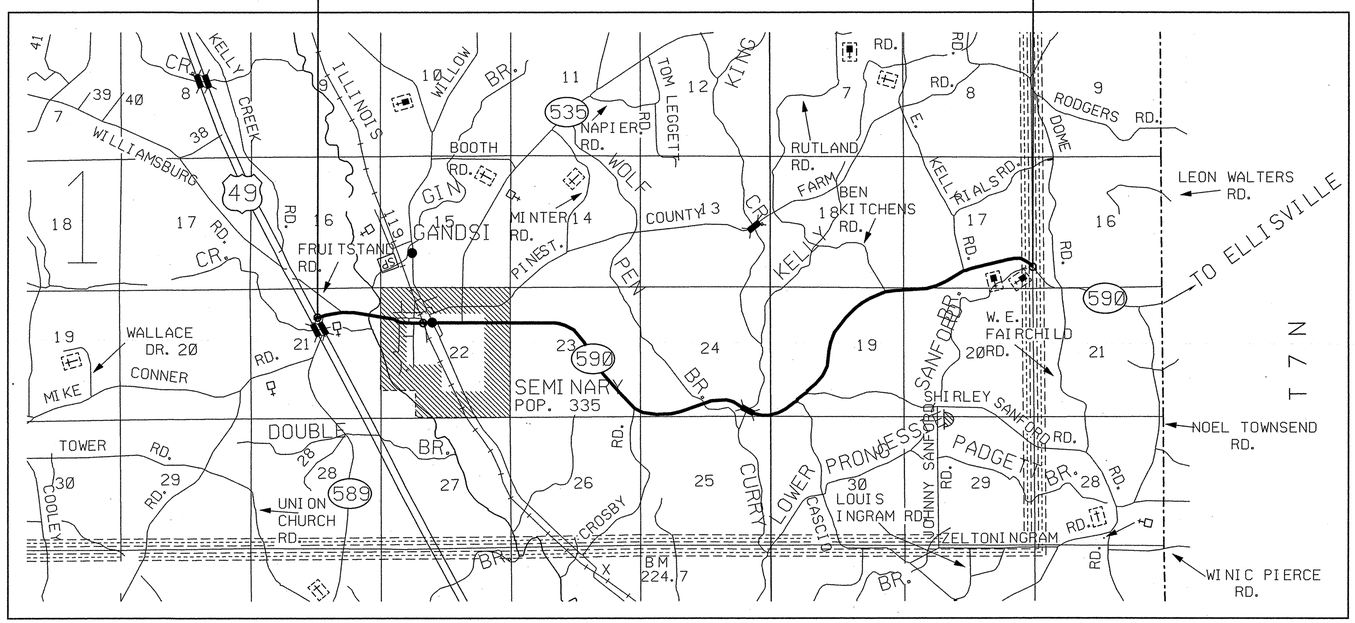
PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = FT.

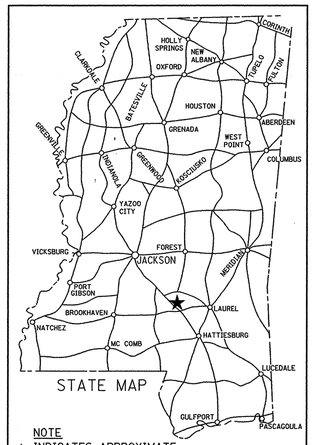
BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REQ'D.

STA. 11+75 BEGINNING OF PROJ.

STA. 323+60.6 END OF PROJ.





NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 31° 33′ LONG. 89° 27′
(APPROX. MIDDLE OF PROJECT)

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, 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: JCT DATE: 3/2/2010

CONVENTIONAL SYMBOLS

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

EQUATIONS

56+90.00 BK= 10+00.00 AH
139+00.00 BK= 140+00.00 AH
250+09.89 BK= 206+54.20 AH
294+95.66 BK= 294+98.37 AH

EXCEPTIONS

LENGTH DATA

LENGTH OF ROADWAY	39,604 FT.	7.501 MI.
LENGTH OF BRIDGES	524 FT.	0.099 MI.
LENGTH OF PROJECT (NET)	40,128 FT.	7.600 MI.
LENGTH OF EXCEPTIONS	0 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)	40,128 FT.	7.600 MI.

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APPROVED: 3/3/10
CHIEF ENGINEER DATE

3/3/10
EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

REVISIONS | DATE | BY

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

3/2/2010 1:54 PM TITLE SHEET.DGN

STATE	PROJECT NO.
MISS.	MP-7590-16(004)

1 st O. REV.

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
TITLE AND LAYOUT SHEET (1)			1
DETAILED INDEX (1)		DI-1	2
GENERAL NOTES (1)		GN-1	3
TYPICAL SECTION SHEETS (1)			
Typical Section-Mainline 2 Lane Section		TS-1	4
QUANTITY SHEETS (5)			
Summary of Quantities		SQ-1	5
Estimated Quantities for Milling Area		EQ-1	6
Estimated Quantities for Guardrail		GRQ-1	7
Estimated Quantities for Traffic Control Signing		EQ-4	8
Estimated Quantities for Sidewalks		SWQ-1	9
PLAN & PROFILE SHEETS (16)			
STA. 10+00 TO STA. 30+00		WK1	10
Intersection of S.R. 590 & U.S. 49		WK1A	11
STA. 30+00 TO STA. 51+00		WK2	12
STA. 52+00 TO STA. 30+00		WK3	13
STA. 30+00 TO STA. 60+00		WK4	14
STA. 60+00 TO STA. 90+00		WK5	15
STA. 90+00 TO STA. 120+00		WK6	16
STA. 120+00 TO STA. 150+00		WK7	17
STA. 150+00 TO STA. 180+00		WK8	18
STA. 180+00 TO STA. 210+00		WK9	19
STA. 210+00 TO STA. 240+00		WK10	20
STA. 240+00 TO STA. 210+00		WK11	21
STA. 210+00 TO STA. 240+00		WK12	22
STA. 240+00 TO STA. 270+00		WK13	23
STA. 270+00 TO STA. 300+00		WK14	24
STA. 300+00 TO STA. 323+60.6		WK15	25
SPECIAL DESIGN SHEETS (8)			
Detail of Construction Signing		DCS-1	26
Location of R16-3 Signs		LRS-1	27
Typical for Raised Pavement Markers (Placed on side road radius)		RPM-SR	28
Traffic Control Details (Drum Placement & Shoulder Closure)		TCP-SC	29
Guardrail Details		GRD-1	30
Rumble Stripes (Ground In) 2 Lane		RS-2L	31
GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON 2-LANE, 2-WAY HIGHWAY		GR-4D-1	32
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY		GR-4A-1	33

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
STANDARD DRAWINGS (13)			
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS		PM-1	120
TYP. PLACEMENT OF WARNING SIGNS & PAVEMENT MARKINGS @ R/R HIGHWAY GRADE CROSSINGS		PM-7	126
GUARDRAIL: "W" BEAM (WOOD POSTS)		GR-1	180
GUARDRAIL: "W" BEAM (STEEL POSTS)		GR-1B	182
GUARDRAIL: BRIDGE END SECTION TYPE "D" MODIFIED		GR-2B	186
GUARDRAIL: MISCELLANEOUS HARDWARE		GR-HW	202
TYPICAL GUARDRAIL DELINEATION		SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)		TCP-1	250
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP-10	259
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO LANE ROADS		TCP-11	260
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TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LN. AND 4-LN DIVIDED HIGHWAYS.		TCP-15	264
Curb-Cut Ramps		CCR-1	289

DISTRICT 7

PS & E PLANS-DATE 3/03/2010		
FMS CON. # 303865/301000		
REVISIONS		
DATE	SHEET NO.	BY
3/25/10	5	GAP
4/13/10	5	RCG
4/15/10	5	RCG

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

STP-7590-16(004)

PROJECT NO.: MP-7590-16(004)

COVINGTON COUNTY

FILENAME: INDEX#1.DGN

DESIGN TEAM_____ CHECKED_____ DATE_____

REVISION | BY | DATE

WORKING NUMBER DI-1

SHEET NUMBER 2

PLAN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

4/15/2010 11:38AM INDEX#1.DGN

STATE	PROJECT NO.
MISS.	MP-7590-16(004)

GENERAL NOTES

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

2. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART IV OF THE MUTCD (LATEST EDITION).

3. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.

4. ALL SIGNS AND DELINEATORS THAT CONFLICT WITH THE CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RESET BY THE CONTRACTOR; COST TO BE ABSORBED IN OTHER PAY ITEMS.

5. THE GRASS ON EXISTING SHOULDERS SHALL BE REMOVED PRIOR TO THE PLACEMENT OF SHOULDER MATERIAL BY LIGHTLY OR CLOSELY MOWING; COST TO BE ABSORBED IN OTHER PAY ITEMS.

6. ALL LOCAL ROADS TO BE PAVED TO THE R.O.W. LIMITS, OR AS DIRECTED.

7. ALL RAMPS AND DRIVEWAYS TO BE PAVED TO THE SHOULDER LINE, MINIMUM, OR FURTHER, AS DIRECTED WITHIN THE LIMITS OF THE R.O.W.

8. WHERE MILLING OF THE ROADWAY IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDER AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON MILLED SURFACE; COST TO BE ABSORBED IN OTHER PAY ITEMS.

9. 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. 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.

10. THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKERS PRIOR TO PLACING HMA; COST TO BE ABSORBED IN OTHER PAY ITEMS.

11. TEMPORARY STRIPING IS REQUIRED IMMEDIATELY AFTER MILLING, PRELIMINARY LEVELING, AND OVERLAYING OPERATION; OR PRIOR TO OPENING THE AREA TO TRAFFIC. TEMPORARY STRIPING SHALL BE PLACED IN THE SAME LOCATION AND LAYOUT AS PERMANENT STRIPE.

12. ALL ASPHALT AND CONCRETE CURBS ALONG THE LOCAL ROADS FROM B.O.P. TO E.O.P. SHALL BE PAINTED (TWO APPLICATIONS) WITH WHITE TRAFFIC PAINT AND TRAFFIC BEADS; SHALL BE ABSORBED IN OTHER PAY ITEMS.

13. IF THE ASPHALT CURB ALONG THE LOCAL ROADS ARE SEVERELY DAMAGED, THE ENTIRE ASPHALT CURB WILL BE REMOVED AS DIRECTED BY THE PROJECT ENGINEER. THIS WORK SHALL BE ABSORBED IN OTHER PAY ITEMS.

14. THERE WILL BE NO PAY ITEM FOR THE SAW CUT OF ASPHALT PAVEMENT, BUT THE PRICE OF THE WORK WILL BE ABSORBED IN THE PAY ITEM, 202–B006, REMOVAL OF ASPHALT PAVEMENT, FAILED AREAS.

15. IN THE ASPHALT FAILED AREAS, BACKFILL AND STABILIZE FAILED AREA WITH 3/4" AND DOWN CRUSHED LIMESTONE IN LIFTS TO AN ELEVATION OF 4" BELOW THE ORIGINAL FINISHED PAVEMENT ELEVATION. NO LIFT OF CRUSHED LIMESTONE SHALL BE GREATER THAN 6" IN THICKNESS. DENSITY WILL BE REQUIRED ON THE ASPHALT PAVEMENT AND CRUSHED LIME STONE PER STANDARD SPECIFICATIONS.

16. IN THE ASPHALT FAILED AREAS, THE FINAL GRADE OF THE ASPHALT SHALL MATCH THE EXISTING GRADE OF THE HIGHWAY. ALL REPAIRS MUST BE COMPLETED BY THE END OF THE WORK DAY AND THE LANE CLOSURES MUST BE REMOVED FROM THE ROADWAY SO THAT ALL LANES ARE OPEN.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

MP-7590-16(004)

COVINGTON COUNTY

WORKING NUMBER GN-1

SHEET NUMBER 3

FILENAME: GNOTES.DGN

DESIGN TEAM TURNER CHECKED DATE