

1st O. REV.

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP-0054-01(053)

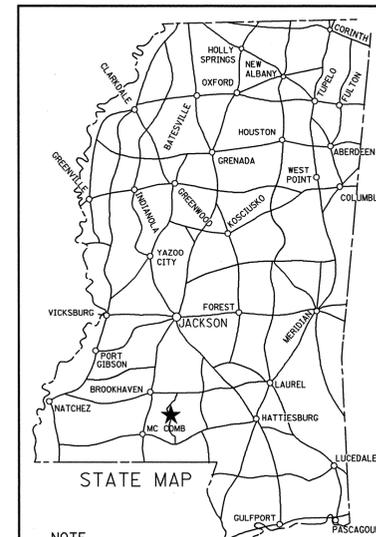
MS HWY 27 BETWEEN WALTHALL CO. LINE AND MS HWY 184 LAWRENCE COUNTY 106204/301000

B.O.P. STA. 970 + 00.00

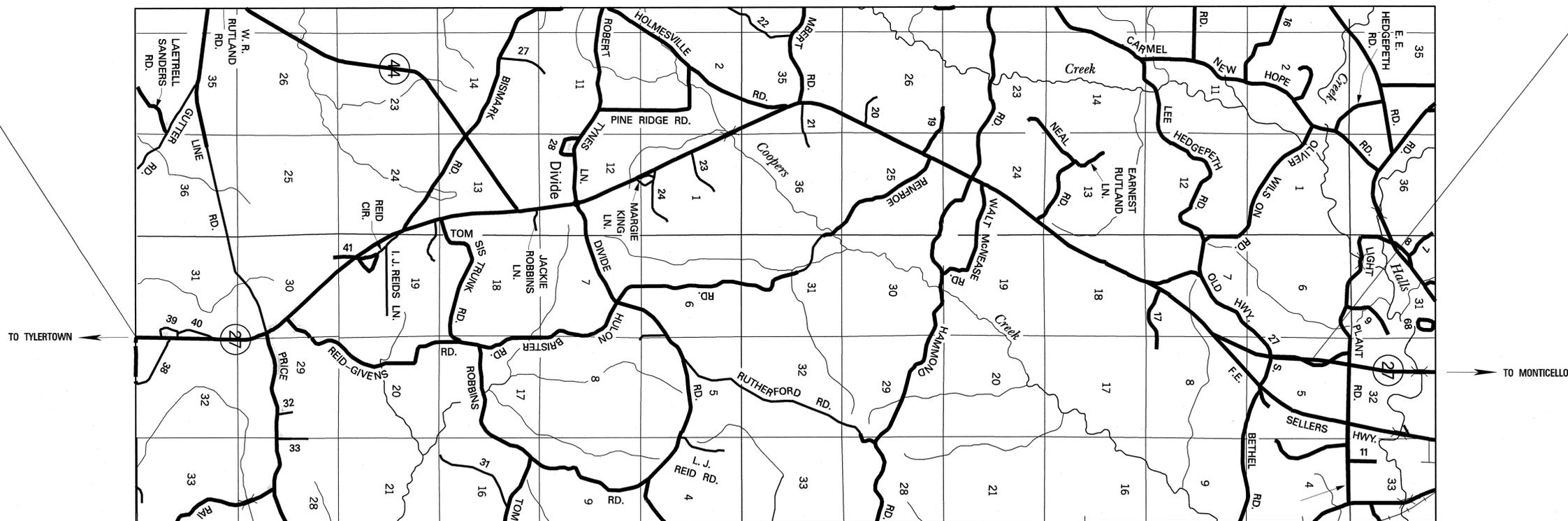
E.O.P. STA. 1603 + 08.67

PLAN 1 IN. = 100 FT.
 PROFILE { HOR. 1 IN. = 100 FT.
 VERT. 1 IN. = 10 FT.
 LAYOUT 1 IN. = 3,255.221 FT.

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP-0054-01(053)	1



NOTE: INDICATES APPROXIMATE LOCATION OF PROJECT.
 LAT. 31° 27' 15.11" N LONG. 90° 09' 44.32" W (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):

NATIONWIDE #14	WATERS	WETLANDS
N	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: 2-23-2011

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. 1134 + 79.38 = Sta. 1134 + 97.13
- Sta. 1370 + 15.20 = Sta. 1374 + 79.84
- Sta. 1523 + 30.10 = Sta. 1523 + 25.12
- Sta. 1561 + 00.00 = Sta. 1562 + 00.00
- Sta. 1599 + 96.40 = Sta. 1600 + 01.66

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	62,726.00 FT.	11.880 MI.
LENGTH OF BRIDGES	152.00 FT.	0.029 MI.
LENGTH OF PROJECT (NET)		11.851 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		11.880 MI.



APPROVED: *Wade McArthur* 2/23/11
 CHIEF ENGINEER DATE

APPROVED: *Wade McArthur* 2/23/11
 EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED: _____ DATE _____
 DIVISION ADMINISTRATOR

FEDERAL HIGHWAY ADMINISTRATION
 DEPARTMENT OF TRANSPORTATION

1st O. REV.

STATE	PROJECT NO.
MISS.	STP-0054-01(053)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TITLE AND LAYOUT SHEET (1)

1

STANDARD DRAWINGS (12)

DETAILED INDEX (1)
GENERAL NOTES (1)

DI-1 2
GN-1 3

PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS

PM-1 120

TYPICAL SECTION SHEETS (1)
TYPICAL SECTIONS - MAINLINE (HWY.27)

TS-1 4

PAVEMENT MARKING LEGEND DETAILS

PM-5 124

PAVEMENT MARKING LEGEND DETAILS

PM-6 125

QUANTITY SHEETS (4)
SUMMARY OF ESTIMATED QUANTITIES
ESTIMATED QUANTITY FOR MILLING, ASPHALT AND GRANULAR MATERIAL
ESTIMATED QUANTITY FOR GUARD RAIL
ESTIMATED QUANTITY FOR TRAFFIC CONTROL SIGNING

SQ-1 5
EQ-1 6
EQ-2 7
TCPQ-1 8

GUARDRAIL 'W' BEAM (WOOD POSTS)

GR-1 180

GUARDRAIL 'W' BEAM (STEEL POSTS)

GR-1B 182

GUARDRAIL: MISCELLANEOUS HARDWARE

GR-HW 202

PLAN & PROFILE SHEETS (22)

STA. 970+00 TO STA. 980+00
STA. 980+00 TO STA. 1010+00
STA. 1010+00 TO STA. 1040+00
STA. 1040+00 TO STA. 1070+00
STA. 1070+00 TO STA. 1100+00
STA. 1100+00 TO STA. 1130+00
STA. 1130+00 TO STA. 1160+00
STA. 1160+00 TO STA. 1190+00
STA. 1190+00 TO STA. 1220+00
STA. 1220+00 TO STA. 1250+00
STA. 1250+00 TO STA. 1280+00
STA. 1280+00 TO STA. 1310+00
STA. 1310+00 TO STA. 1340+00
STA. 1340+00 TO STA. 1375+00
STA. 1375+00 TO STA. 1405+00
STA. 1405+00 TO STA. 1435+00
STA. 1435+00 TO STA. 1465+00
STA. 1465+00 TO STA. 1495+00
STA. 1495+00 TO STA. 1525+00
STA. 1525+00 TO STA. 1555+00
STA. 1555+00 TO STA. 1585+00
STA. 1585+00 TO STA. 1615+00

WK3 9
WK4 10
WK5 11
WK6 12
WK7 13
WK8 14
WK9 15
WK10 16
WK11 17
WK12 18
WK13 19
WK14 20
WK15 21
WK16 22
WK17 23
WK18 24
WK19 25
WK20 26
WK21 27
WK22 28
WK23 29
WK24 30

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 FOR MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS

TCP-11 260

TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS

TCP-14 263

TEMPORARY STRIPING FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS

TCP-15 264

SPECIAL DESIGN SHEETS (7)

DETAIL OF CONSTRUCTION SIGNING
TYPICAL FOR RAISED PAVEMENT MARKERS PLACED ON SIDE ROAD RADIUS 2-LANE
RUMBLE STRIPE (GROUND IN) FOR 2-LANE HIGHWAYS
LOCATION OF R16-3 SIGNS
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAYS
BRIDGE END GUARDRAIL CONNECTOR

DCS-1 31
CRPMSR-2 32
RS-2L 33
LRS-1 34
TCP-SC 35
GR-4A-MOD 36
BGRC-1 37

PLAN DIVISION ROADWAY DESIGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

4/15/2011 7:56 AM DT-1.DGN

DISTRICT 7

PS & E PLANS-DATE: 2-25-2011		
FMS CON. # 106204/301000		
REVISIONS		
DATE	SHEET NO.	BY
3/14/11	31	WC
3/29/11	5	RCG
3/30/11	5	WC
4/15/11	1, 2, 3	RCG

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO.: STP-0054-01(053)	
COUNTY: LAWRENCE	
WORKING NUMBER DI-1	SHEET NUMBER 2
FILENAME: DETAILED INDEX	DESIGN TEAM _____ CHECKED _____ DATE _____





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 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.
- ④ 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.
- ⑤ 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.
- ⑥ WHERE MILLING OF THE ROADWAY IS REQUIRED; AND THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE; COST TO BE ABSORBED IN OTHER PAY ITEM.
- ⑦ ALL LOCAL ROADS TO BE PAVED TO THE R.O.W. LIMITS, OR AS DIRECTED.
- ⑧ ALL RAMPS AND DRIVEWAYS TO BE PAVED TO THE SHOULDER LINE, MINIMUM, OR FURTHER, AS DIRECTED WITHIN THE LIMITS OF THE R.O.W.
- ⑨ THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKERS PRIOR TO PLACING ASPHALT; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑩ 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.
- ⑪ 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; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑫ IF THE ASPHALT CURB ALONG THE LOCAL ROAD IS SEVERELY DAMAGED, THE ENTIRE ASPHALT CURB SHALL BE REMOVED AS DIRECTED BY THE ENGINEER; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑬ 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.
- ⑭ FOR CONSTRUCTION OF GUARDRAIL PADS, THE REMOVAL OF 3.0" EXCESS EXCAVATION SHALL BE REQUIRED AND THE PLACEMENT OF 3.0" OF 9.5 MM ASPHALT SHALL BE REQUIRED.

- ⑮ DURING THE HMA OVERLAY OF THIS PROJECT, THE CONTRACTOR IS TO MAINTAIN THE REQUIRED TRANSVERSE NORMAL CROWN OR SUPER-ELEVATED CROSS SLOPES WHEN PAVING THROUGH ALL AREAS, INCLUDING DRIVEWAY RAMPS.

IF, DURING THE WIDENING PROCESS, A DRIVEWAY RAMP IS ENCOUNTERED WHICH HAS AN ELEVATION OR INTERSECTING SLOPE THAT WILL CONFLICT WITH THE DESIRED TRANSVERSE CROSS SLOPE OF THE MAINLINE PAVING, THE DRIVEWAY WILL BE REMOVED AND RECONSTRUCTED AS DIRECTED BY THE ENGINEERS SO AS NOT TO INTERFERE WITH THE MAINLINE CROSS SLOPE PAVING.

PAYMENT FOR THIS DRIVEWAY REMOVAL/RECONSTRUCTION WORK SHALL BE ABSORBED IN OTHER ITEMS BID ON THIS PROJECT. REPAVING OF THE DRIVEWAY RAMPS TO REPLACE ANY DRIVEWAY PAVEMENT REMOVED WILL BE PAID FOR UNDER THE PAY ITEM FOR HOT OR WARM MIX ASPHALT.
- ⑯ ASPHALT WILL BE REQUIRED UNDER THE EXISTING GUARDRAIL AS SHOWN ON GR-4A-MOD AND GR-4A1.
- ⑰ COLD PLASTIC TRAFFIC STRIPE WILL NOT BE REQUIRED ON CONCRETE SURFACES, INCLUDING BRIDGES, BUT IS PERMISSIBLE PER SECTION 626 OF THE SPECIFICATIONS.
- ⑱ ANY REFERENCE TO PROJECT NUMBER MP-7027-39(004) (304059) IS TO BE UNDERSTOOD THAT STP-0054-01(053) (106204) IS THE CORRECT PROJECT NUMBER.

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

4/15/2011 8:02 AM GN-1.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
<h2>GENERAL NOTES</h2>			
COUNTY: LAWRENCE			
PROJECT NO.: STP-0054-01(053)		WORKING NUMBER GN-1	
FILENAME: GENERAL NOTES		SHEET NUMBER 3	
DESIGN TEAM	CHECKED	DATE	

