

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP-0054-01(051)	1

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. STP-0054-01(051)

S.R. HWY. 27 IN WALTHALL CO.; BEGIN AT
 KELLY-GINN ROAD AND CONTINUE NORTH
 TO LAWRENCE CO. LINE

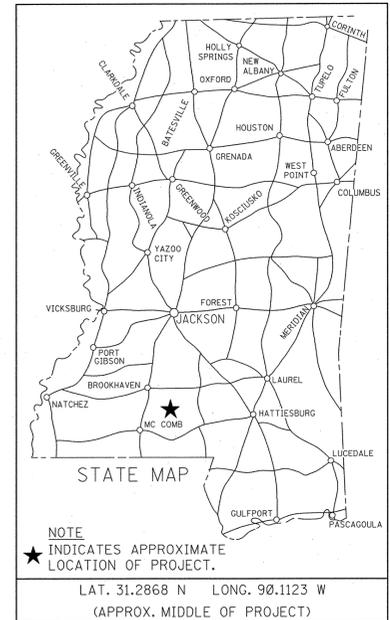
105946 / 301000

WALTHALL COUNTY

SCALES
PLAN 1 IN. = 100 FT.
PROFILE { **HOR.** 1 IN. = 100 FT.
 VERT. 1 IN. = 10 FT.
LAYOUT 1 IN. = 4036 FT.

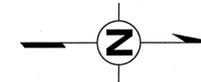
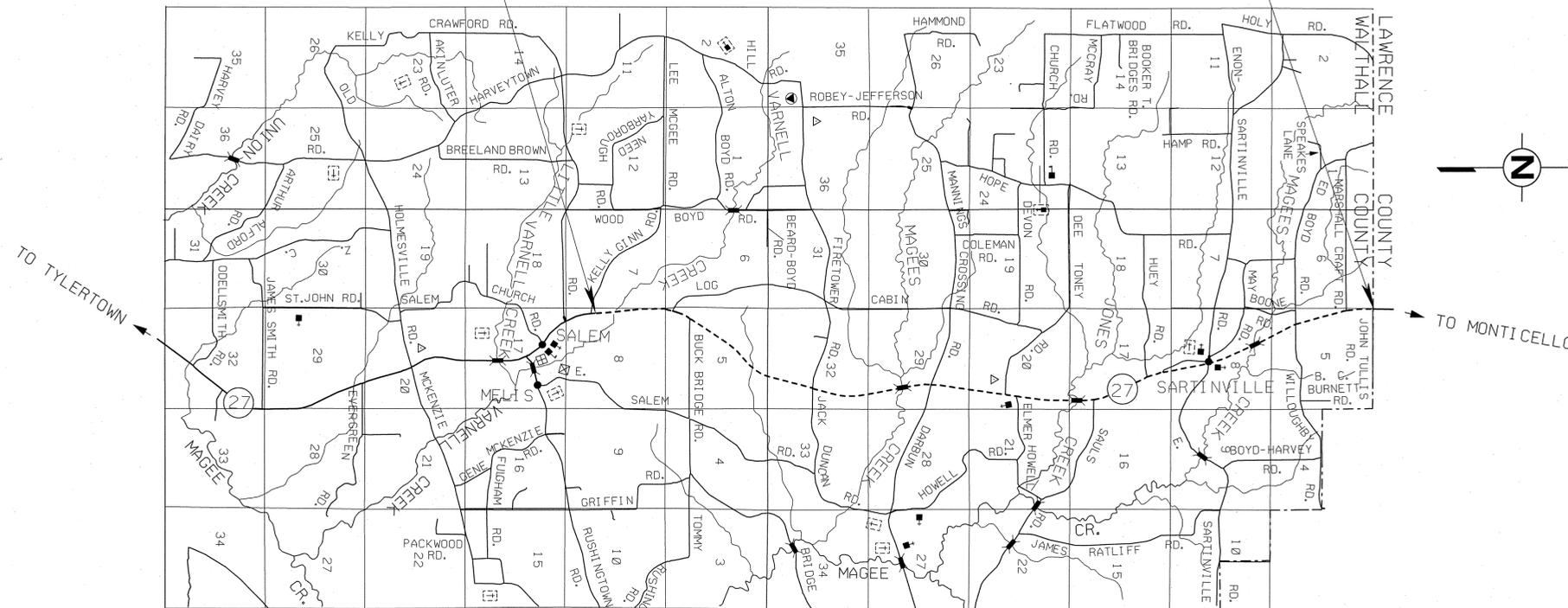
B.O.P. STA. 538+00.00

E.O.P. STA. 967+58.68



BRIDGE STRUCTURES REQ'D.

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):	
NATIONWIDE #14	<input type="checkbox"/> WATERS <input type="checkbox"/> WETLANDS
NATIONWIDE (OTHER)*	<input type="checkbox"/> WATERS <input type="checkbox"/> WETLANDS
GENERAL*	<input type="checkbox"/> WATERS <input type="checkbox"/> WETLANDS
INDIVIDUAL (404)*	<input type="checkbox"/> WATERS <input type="checkbox"/> WETLANDS
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR	
STORMWATER PERMIT	<input checked="" type="checkbox"/>
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: 11-5-2010	

CONVENTIONAL SYMBOLS

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

EQUATIONS

STA. 645+93.10 BK. = STA. 645+90.65 AH. (+2.45 FT.)
 STA. 834+48.33 BK. = STA. 834+11.59 AH. (+36.74 FT.)
 STA. 859+91.98 BK. = STA. 853+29.27 AH. (+662.71 FT.)
 TOTAL (+701.90 FT.)

LENGTH DATA

LENGTH OF ROADWAY	43,660.58 FT.	8.269 MI.
LENGTH OF BRIDGES	270.00 FT.	0.050 MI.
LENGTH OF PROJECT (NET)	43,390.58 FT.	8.219 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)	43,660.58 FT.	8.269 MI.

EXCEPTIONS

NONE



APPROVED:	<i>Walter McArthur</i>	11/5/10
	CHIEF ENGINEER	DATE
APPROVED:	<i>Gregory R. Brown</i>	11/5/10
	EXECUTIVE DIRECTOR	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

11/4/2010 11:11:11 (1) TITLE.DGN

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TITLE AND LAYOUT SHEET (1)
 DETAILED INDEX (1)
 GENERAL NOTES (1)
 TYPICAL SECTION SHEETS (1)
 TYPICAL SECTION - MAINLINE
 QUANTITY SHEETS (4)
 SUMMARY OF ESTIMATED QUANTITIES
 ESTIMATED QUANTITY FOR TRAFFIC CONTROL SIGNING
 ESTIMATED QUANTITY FOR GUARD RAIL
 ESTIMATED QUANTITY FOR MILLING, ASPHALT AND GRANULAR MATERIAL

1
 DI-1 2
 GN-1 3
 TS-1 4
 SQ-1 5
 TCPQ-1 6
 GRQ-1 7
 EQ-2 8

STANDARD DRAWINGS (13)
 PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS
 PAVEMENT MARKING LEGEND DETAILS
 PAVEMENT MARKING LEGEND DETAILS
 GUARD RAIL 'W' BEAM (WOOD POSTS)
 GUARD RAIL 'W' BEAM (STEEL POSTS)
 GUARD RAIL: BRIDGE END SECTIONS TYPE "A" & "C"
 GUARD RAIL: MISCELLANEOUS HARDWARE
 TYPICAL GUARD RAIL DELINEATION
 TRAFFIC CONTROL PLAN WITH FLAGGER (ONE LANE CLOSURE OF TWO-WAY TRAFFIC)
 HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS
 TRAFFIC CONTROL PLAN FOR MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS
 TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS
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 PM-5 124
 PM-6 125
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 GR-1B 182
 GR-2 184
 GR-HW 202
 SN-8C 236
 TCP-1 250
 TCP-10 259
 TCP-11 260
 TCP-14 263
 TCP-15 264

PLAN & PROFILE SHEETS (15)
 STA. 530+00 TO STA. 560+00
 STA. 560+00 TO STA. 590+00
 STA. 590+00 TO STA. 620+00
 STA. 620+00 TO STA. 650+00
 STA. 650+00 TO STA. 680+00
 STA. 680+00 TO STA. 710+00
 STA. 710+00 TO STA. 740+00
 STA. 740+00 TO STA. 770+00
 STA. 770+00 TO STA. 800+00
 STA. 800+00 TO STA. 830+00
 STA. 830+00 TO STA. 859+91.98
 STA. 853+29.27 TO STA. 880+00
 STA. 880+00 TO STA. 910+00
 STA. 910+00 TO STA. 940+00
 STA. 940+00 TO STA. 967+58.68

WK3 9
 WK4 10
 WK5 11
 WK6 12
 WK7 13
 WK8 14
 WK9 15
 WK10 16
 WK11 17
 WK12 18
 WK13 19
 WK14 20
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SPECIAL DESIGN SHEETS (10)
 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 FOR ROADSIDE HAZARDS ON 2-LANE, 2-WAY HIGHWAYS
 GUARDRAIL INSTALLATION METHOD FOR BOX CULVERTS
 GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAYS
 BRIDGE END GUARD RAIL CONNECTOR
 CURVED RAIL GUARDRAIL DETAIL

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 RPM-SR 25
 RS-2L 26
 LRS-1 27
 TCP-SC 28
 GR-4D1 29
 GRI-BC 30
 GR-4A-MOD 31
 BGRC-1 32
 CRG-1-MOD 33

DISTRICT 7

PS & E PLANS-DATE 11-09-10		
FMS CON. # 105946/301000		
REVISIONS		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. STP-0054-01(051) COUNTY : WALTHALL	
FILENAME: (2)INDEX.DGN	
DESIGN TEAM	CHECKED DATE



WORKING NUMBER
DI-1
SHEET NUMBER
2

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 ASPHALT; 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; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑬ IF THE ASPHALT CURB ALONG THE LOCAL ROAD IS SEVERELY DAMAGED, THE ENTIRE ASPHALT CURB WILL BE REMOVED AS DIRECTED BY THE ENGINEER; COST TO BE ABSORBED IN OTHER PAY ITEMS.

GENERAL NOTES

- ⑭ FOR CONSTRUCTION OF GUARD RAIL PADS, 3.0" OF 9.5 MM ASPHALT AND 6" & VARIABLE DEPTH OF GRANULAR MATERIAL (CL. 6, GRP. D) SHALL BE REQUIRED.
- ⑮ CONTRACTOR SHALL VERIFY DIMENSIONS FOR GUARD RAIL AT LOCAL ROADS, IN THE FIELD PRIOR TO FABRICATION.

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/2/2010 3:34 PM (3)GEN.NOTESGN-1.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
PROJ. NO. : STP-0054-01(051)	
COUNTY: WALTHALL	
	
WORKING NUMBER GN-1	
SHEET NUMBER 3	
DATE	FILENAME: (3)GEN.NOTESGN-1.DGN
DESIGN TEAM	CHECKED _____ DATE _____