

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
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CROSS-SECTIONS	30

TOTAL SHEETS 81

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. HSIP-0040-02(030)

S.R. 25 SOUTH OF FULTON (TURN LANE) ITAWAMBA COUNTY

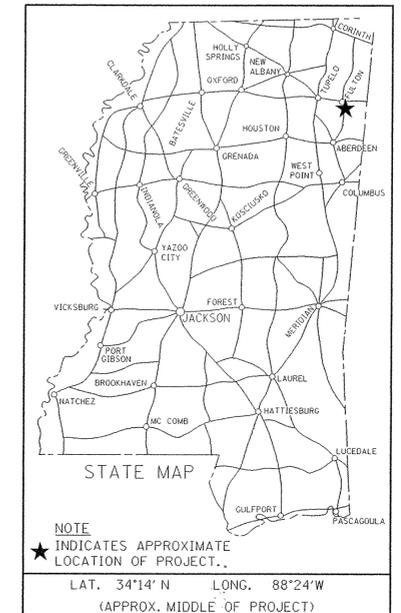
FMS CONST: 104799/301000

4-20-07

SCALES

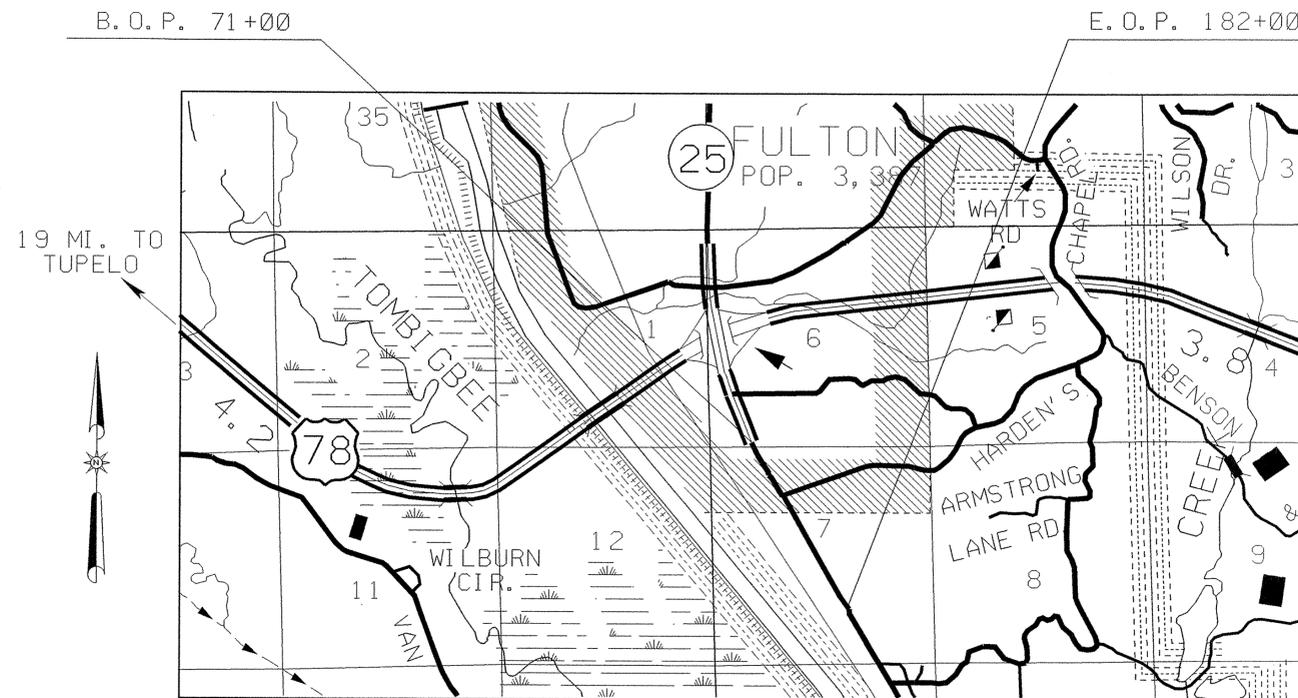
PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 2200 FT.

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	HSIP-0040-02(030)	1



BRIDGE STRUCTURES REQ'D. NONE

BOX BRIDGES REQ'D. NONE



DESIGN CONTROL

55 MPH = V (SPEED DESIGN)

ADT (2007) = 4200 ; ADT (2027) = 7300

DHV = 7300 ; D = 60 % T = 13 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL*	<input type="checkbox"/>	<input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>

* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

STORMWATER PERMIT

Y REQUIRED, SCNO SUBMITTED BY MDOT (DISTRIBUTED AREA - 5 ACRES) (NTB 6484)

S REQUIRED, SCNO TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (NTB 6483)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: [Signature] DATE: 4/19/07

CONVENTIONAL SYMBOLS

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

EQUATIONS

69+45.31 BK. = 144+00 AH.

LENGTH DATA

LENGTH OF ROADWAY	3954.69 FT.	0.749 MI.
LENGTH OF BRIDGES	0.00 FT.	0.00 MI.
LENGTH OF PROJECT (NET)	0.749 MI.	0.749 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.00 MI.
LENGTH OF PROJECT (GROSS)	0.749 MI.	0.749 MI.

EXCEPTIONS

4/19/2007 12:50PM TITLE.DGN

REVISIONS	DATE	BY	APPROVED	DATE
			[Signature]	4/19/07
			[Signature]	4-20-07

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR _____ DATE _____

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TITLE SHEET (1)			1
DETAILED INDEX & GENERAL NOTES (2)			
DETAILED INDEX		DI-1	2
GENERAL NOTES		GN-1	3
TYPICAL SECTION SHEETS (2)			
TYPICAL SECTION - WIDENING & OVERLAY STA. 71+00 to STA. 182+00		TS-1	4
TYPICAL SECTION - LOCAL ROAD TURNOUTS		TS-2	5
QUANTITY SHEETS (7)			
SUMMARY OF QUANTITIES		SQ-1	6
SUMMARY OF QUANTITIES		SQ-2	7
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES		EQ-1	8
ESTIMATED QUANTITIES - C&G REQ'D., COLD MILLING, SIDE DRAINS, DRIVEWAYS		EQ-2	9
ESTIMATED QUANTITIES - EROSION CONTROL & EARTHWORK QTY.		EQ-3	10
ESTIMATED QUANTITIES - PAVEMENT MARKING		EQ-4	11
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS		EQ-5	12
PLAN & PROFILE SHEETS (4)			
B.O.P. TO STA. 160+00		3	13
STA. 160+00 TO E.O.P.		4	14
STA. 174+00 TO STA. 178+00 - 20 SCALE DRAINAGE DETAIL		4A	15
STA. 178+00 TO STA. 182+00 - 20 SCALE DRAINAGE DETAIL		4B	16
SPECIAL DESIGN SHEETS (11)			
VEGETATION SCHEDULE		VS-1	17
CONSTRUCTION SIGNING DETAIL		CS-1	18
CONSTRUCTION SIGNING DETAIL		CS-2	19
TRAFFIC CONTROL DETAIL		TC-1	20
TEMPORARY PAVEMENT MARKING DETAIL - B.O.P. TO 172+00		TPM-1	21
TEMPORARY PAVEMENT MARKING DETAIL - 172+00 TO E.O.P.		TPM-2	22
PERMANENT PAVEMENT MARKING DETAIL - B.O.P. TO 172+00		PPM-1	23
PERMANENT PAVEMENT MARKING DETAIL - 172+00 TO E.O.P.		PPM-2	24
LOCATION OF R16-3 SIGNS		R16-3	25
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE		TCP-SC	26
INTERSECTION DETAILS		ID-1	27
STANDARD DRAWINGS - ROADWAY SHEETS (24)			
PAVEMENT MARKING DETAILS FOR 4 & 5-LANE UNDIVIDED ROADWAYS	12-01-99	PM-2	121
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
EROSION CONTROL		EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)		TEC-1	142
DETAILS OF DITCH TREATMENT		DT-1	145
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	12-01-99	TCP-11	260
TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS		TCP-14	263

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE UNDIVIDED HIGHWAYS		TCP-15	264
TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED HIGHWAYS	12-01-99	TCP-16	265
RURAL DRIVEWAYS		RD-1	271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	272
DRIVEWAYS, CURB & GUTTER, & SIDEWALK		SD-1	287
DETAILS OF PAVED FLUMES		PF-1	291
PIPE CULVERT INSTALLATION		PI-1	300
PIPE COLLAR - CONCRETE		PC-1	301
JUNCTION BOX FOR PIPE CULVERTS		JB-1	302
TYPE I MEDIAN INLET (24" PIPE AND UNDER)		MI-1	306
DETAILS OF GRATES FOR MEDIAN INLETS		IG-1	314
PAVED INLET APRON AND MEDIAN DITCH PLUG		PA-1	318
STORM SEWER INLET - TYPE SS-2		SS-2	322
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328
DETAILS OF STORM DRAIN USED AS UNDERDRAIN		UD-1	331
CROSS SECTIONS (30)			
MAINLINE - B.O.P. TO E.O.P.			901-930
TOTAL SHEETS			81

PLAN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

5/21/2007 1:01:37 PM DI.DGN

DOVER		
PS & E PLANS - 4/20/07		
FMS CON. # 104799/30100		
REVISIONS		
DATE	SHEET NO.	BY
5/14/07	7 & 9	TAD
5/22/07	15 & 16	TAD

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. HSIP-0040-02(030)	
COUNTY : ITAWAMBA	
WORKING NUMBER	DI-1
FILENAME: DI-1.DGN	SHEET NUMBER
DATE	2
DESIGN TEAM	DOVER CHECKED DATE

GENERAL NOTES

STATE	PROJECT NO.
MISS.	HSIP-0040-02(030)

GENERAL NOTES

- ① **PUBLIC UTILITIES:**
CITY OF FULTON GAS & WATER
TOMBIGBEE ELECTRIC POWER ASSOC.
FULTON TELEPHONE CO.

- ② THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.

- ③ 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

- ④ 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 ITEMS.

- ⑤ EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF 4 BALES PER EVERY 25 TO 100 LIN. FT. OF DITCH AND 4 BALES AT EACH PIPE OUTLET. THIS IS REQUIRED AS A TEMPORARY EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES ARE INSTALLED. THE ENGINEER WILL DETERMINE THE ACTUAL LOCATION AND NUMBER OF BALES DURING THE CONSTRUCTION OF THE PROJECT. (SEE WK. NO. TEC-1 FOR DETAILS.)

- ⑥ 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.

- ⑦ EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.

- ⑧ WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING THE EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE WHAT BRACING, SHORING OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE EXCAVATION OR ANY STRUCTURE ADJACENT TO THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

- ⑨ 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.

- ⑩ ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).

- ⑪ ALL EXISTING HEADWALLS, CULVERT PIPES, OR OTHER OBSTRUCTIONS NOT COVERED BY A SPECIFIC PAY ITEM, WHICH CONFLICTS WITH REQUIRED CONSTRUCTION SHALL BE REMOVED AT THE CONTRACTORS EXPENSE AS AN ABSORBED ITEM. EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED ON EACH END WITH CONCRETE. (ABSORBED ITEM)

4/19/2007 7:53 AM GN.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION PLAN ROADWAY DESIGN DIVISION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
GENERAL NOTES			
		PROJ. NO: HSIP-0040-02(030)	WORKING NUMBER
		ITAWAMBA COUNTY	GN-1
		FILENAME: GN.DGN	SHEET NUMBER
		DESIGN TEAM DOVER CHECKED DATE	3