

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	HSIP-0002-02(043)	1

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

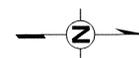
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. HSIP-0002-02(043)

①7-17-07

S.R. 513 QUITMAN
@ JUNCTION OF 513 AND U.S. 145
CLARKE COUNTY

FMS 101614 /301000

SCALES
PLAN 1 IN. = 100 FT.
PROFILE { HOR. 1 IN. = 100 FT.
VERT. 1 IN. = 10 FT.
LAYOUT 1 IN. = 300 FT.



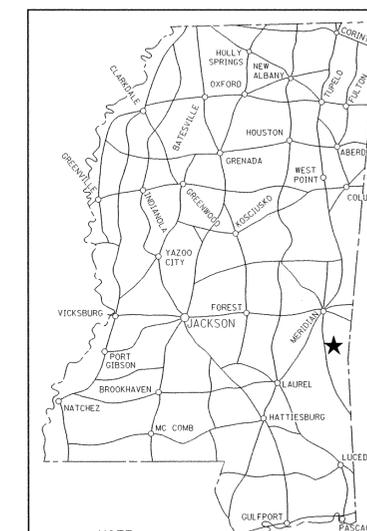
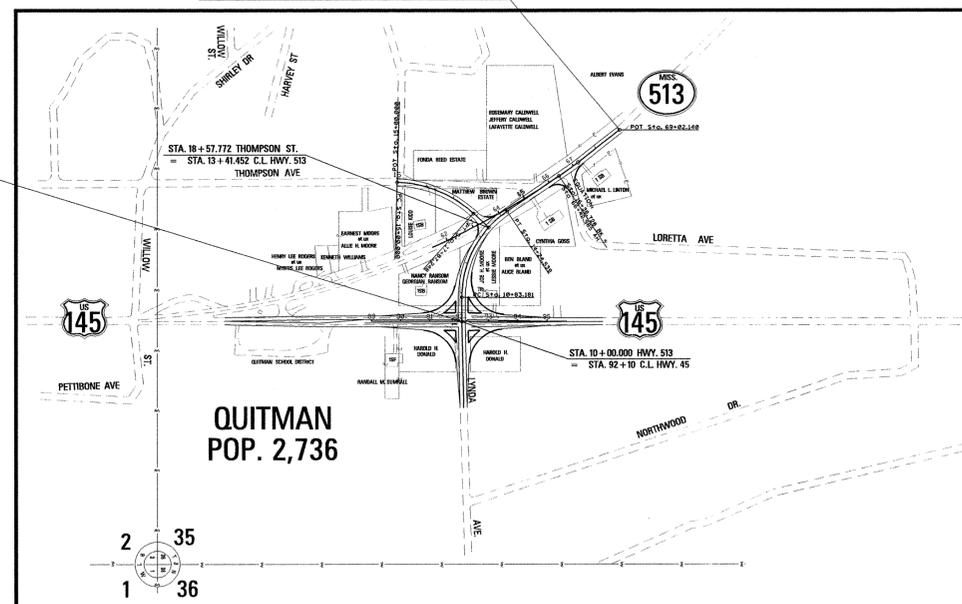
EOP STA. 69 + 02.140

TO ENTERPRISE

BOP STA. 10 + 00.000

TO WAYNESBORO

TO MERIDIAN



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.
Latitude 32° 03' 15" N Longitude 88° 43' 40" W

DESIGN CONTROL

55 MPH = V (SPEED DESIGN)

ADT (2004) = 3200 : ADT (2024) = 5200

DHV = 620 : D = 50 % T = 4 %

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, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + (NTB 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: 6/12/07

CONVENTIONAL SYMBOLS

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

EQUATIONS

STA. 16 + 38.728 BK = STA. 66 + 42.985 AH = -5004.257

LENGTH DATA

LENGTH OF ROADWAY	897.883 FT.	0.170 MI.
LENGTH OF BRIDGES	0 FT.	0 MI.
LENGTH OF PROJECT (NET)		0.170 MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)		0.170 MI.

EXCEPTIONS

NONE

PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

6.11.2007 3:11 AM TITLE SR-513.DGN

APPROVED:	<i>Sam Williams</i>	6/12/07
CHIEF ENGINEER		DATE
EXECUTIVE DIRECTOR	<i>Sam Williams</i>	6/12/07
		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

DESCRIPTION OF SHEET

DESCRIPTION OF SHEET

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (3)		
DETAILED INDEX	DI-1	2
DETAILED INDEX	DI-2	3
GENERAL NOTES	GN-1	4
TYPICAL SECTION SHEETS (4)		
TYPICAL SECTION - HWY 513 (NEW CONSTRUCTION)	TS-1	5
TYPICAL SECTION - THOMPSON STREET (NEW CONSTRUCTION)	TS-2	6
TYPICAL SECTION - HWY 513 (CHANNELIZED INTERSECTION)	TS-3	7
TYPICAL SECTION - HWY 145 (WIDENING)	TS-4	8
QUANTITY SHEETS (8)		
SUMMARY OF QUANTITIES	SQ-1	9
SUMMARY OF QUANTITIES	SQ-2	10
DIRECTIONAL SIGN QUANTITIES	DSQ-1	11
STANDARD ROADSIDE SIGN QUANTITIES	SRS-1	12
STANDARD ROADSIDE SIGN QUANTITIES	SRS-2	13
ESTIMATED QUANTITIES FOR DRIVEWAYS, DITCH LINER, SIDE DRAINS, ESTIMATED EARTHWORK, AND COMBINATION CONCRETE CURB & GUTTER	EQ-1	14
ESTIMATED QUANTITIES FOR DRAINAGE AND REMOVAL OF PIPES AND REMOVAL OF ASPHALT PAVEMENT	EQ-2	15
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	TCPQ-1	16
PLAN & PROFILE SHEETS (4)		
B.O.P. TO E.O.P. (HWY 513)	3	17
RIGHT-OF-WAY LAYOUT	3.1	18
STA. 83+00.00 TO STA. 97+00.00 (HWY 145)	3A	19
STA. 15+00.00 TO STA. 18+57.72 (THOMPSON ST.)	3B	20

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS (15)		
VEGETATION SCHEDULE	VS-1	21
MISCELLANEOUS CONSTRUCTION DETAILS	MCD-1	22
TRAFFIC CONTROL DETAILS DRUM PLACEMENT & SHOULDER CLOSURE	TCP-SC	23
DETAIL OF CONSTRUCTION SIGNING	CS-1	24
DETAIL OF INTERSECTION (HWY. 16 AND LOC. RD. @ STA. 63+47.41)	DOI-1	25
DETAIL OF INTERSECTION (HWY. 16 AND LOC. RD. @ STA. 115+63.72)	DOI-2	26
DETAIL OF INTERSECTION (HWY. 16 AND LOC. RD. @ STA. 279+73.97)	DOI-3	27
PAVEMENT MARKING DETAIL	PMD-1	28
RIGHT OF WAY MARKERS	RW-1	29
TYPICAL TRAFFIC CONTROL PLAN (PHASE I) (STA. B.O.P. TO STA. E.O.P.)	TC-1	30
TYPICAL TRAFFIC CONTROL PLAN (PHASE II) (STA. B.O.P. TO STA. E.O.P.)	TC-2	31
TYPICAL TRAFFIC CONTROL PLAN (PHASE III) (STA. B.O.P. TO STA. E.O.P.)	TC-3	32
PERMANENT SIGNING PLANS	PSP-1	33
PERMANENT SIGNING PLANS	PSP-2	34
PERMANENT SIGNING DETAILS	PSD-1	35

7/16/2007 4:20 PM DT.DGN

GILLIAM

PS & E PLANS-DATE..7/17/07.		
REVISIONS		
DATE	SHEET NO.	BY

124	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
FMS 101614 /301000 PROJECT NO.: HSIP-0002-02(043) COUNTY: CLARKE	
WORKING NUMBER DI-1	SHEET NUMBER 2
FILENAME: _____ DI.DGN DESIGN TEAM: GILLIAM CHECKED _____ DATE _____	

GENERAL NOTES

- (1) PUBLIC UTILITIES
 - A. CITY OF QUITMAN (WATER AND SEWER)
 - B. CHICKASAWHAY NATURAL GAS DISTRICT
 - C. MISSISSIPPI POWER ASSOCIATION
 - D. BELLSOUTH TELECOMMUNICATIONS
 - E. CMA COMMUNICATIONS
- (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) UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF-WAY. 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.
- (4) 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- (5) 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 SHOULD 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.
- (6) WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURING 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.
- (7) REMOVAL OF RAISED PAVEMENT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.
- (8) ALL EXISTING OBSTRUCTIONS WHICH CONFLICT WITH REQUIRED CONSTRUCTION SHALL BE REMOVED AT CONTRACTORS EXPENSE AS AN ABSORBED ITEM. PLUG ENDS OF EXISTING PIPES TO BE ABANDONED IN PLACE WITH CONCRETE (ABSORBED ITEM).
- (9) ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHOULD COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION)
- (10) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT AND STRAIGHTNESS.
- (11) FLOURESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
- (12) THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONTRUCTION (NOT A SEPARATE PAY ITEM).
- (13) THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES, HORIZONTAL ALIGNMENTS AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (14) A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT THE LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
- (15) THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE U.S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION.
- (16) PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.

7/16/2007 4:21 PM DT.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
		PROJECT NO.: HSIP-0002-02(043)	WORKING NUMBER
		COUNTY: CLARKE	GN-1
DATE	FILENAME: di.dgn	SHEET NUMBER	
DESIGN TEAM	GILLIAM	CHECKED	DATE
			4