

STATE OF MISSISSIPPI

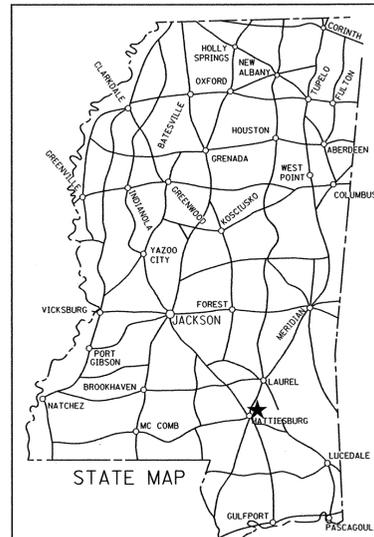
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY  
FEDERAL AID PROJECT NO. STP-0063-02(025)**

**SR 42 AND LEEVILLE ROAD IN PETAL, MS  
TRAFFIC SIGNAL PROJECT  
FORREST COUNTY**

09-18-08

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP-0063-02(025)	1



NOTE:  
★ INDICATES APPROX. LOCATION OF PROJECT  
LAT. 31° 21' 26.10" N LONG. 89° 15' 32.50" W  
(APPROX. MIDDLE OF PROJECT)

**SCALES**

PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 2500 FT.

FMS: 105263 / 101000 PE  
105263 / 301000 CONST

**EQUATIONS**

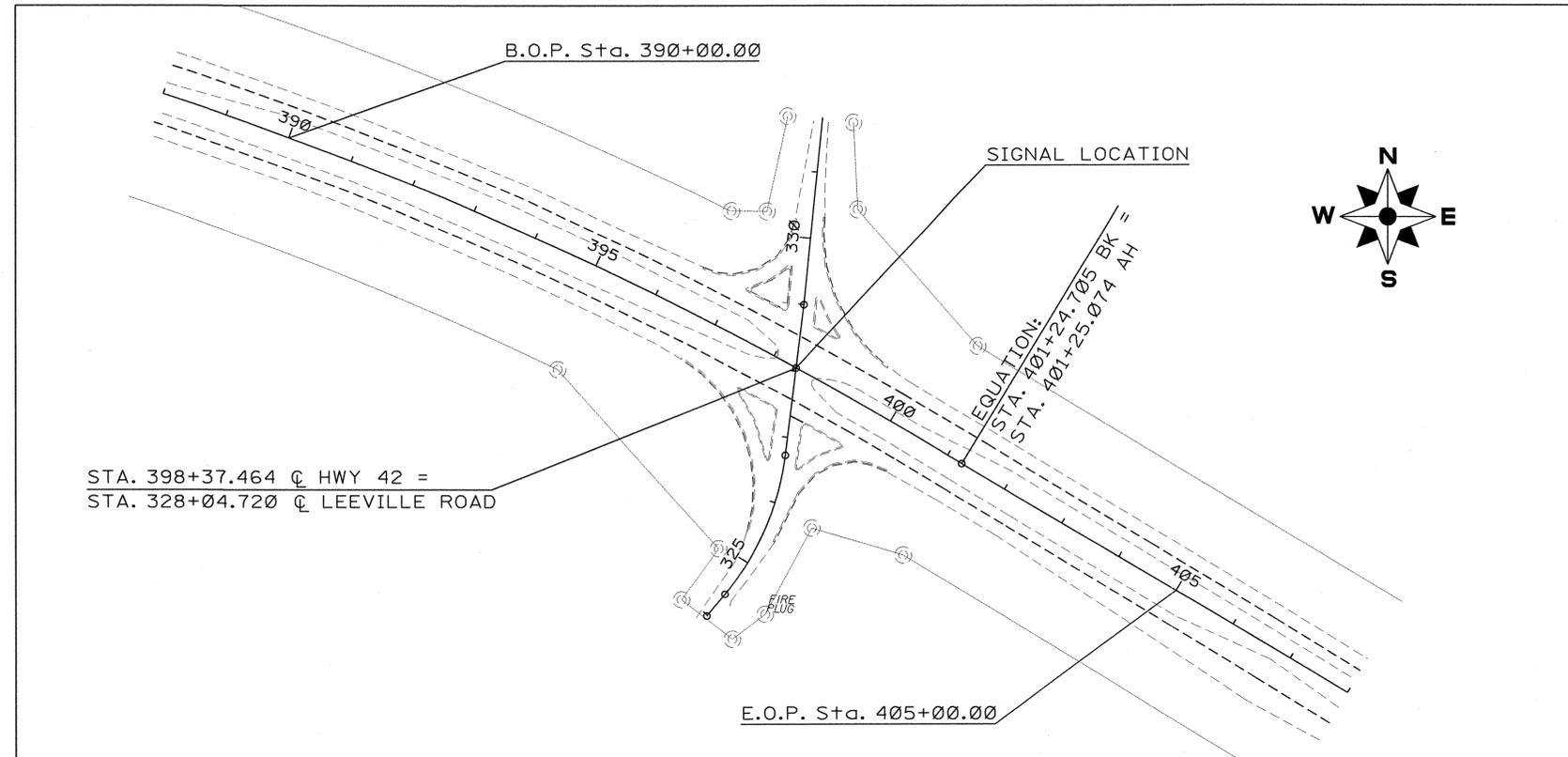
STATION 401+24.705 BACK =  
STATION 401+25.074 AHEAD

**BRIDGE STRUCTURES REQ'D.**

- none

**BOX BRIDGES REQ'D.**

- none



**CONVENTIONAL SYMBOLS**

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

**LENGTH DATA**

LENGTH OF ROADWAY	1,500.00 FT.	0.284 MI.
LENGTH OF BRIDGES	0.00 FT.	0.000 MI.
LENGTH OF PROJECT (NET)		0.284 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		0.284 MI.

**DESIGN CONTROL**

SR 42 AT LEEVILLE ROAD, PETAL, MS  
55 MPH = V (SPEED DESIGN)

ADT (2010) = 15,000 ; ADT (2030) = 36,000  
DHV = 3,600 ; D = 50 % T = 10 %

**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

**STORMWATER PERMIT** [S]

Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + (NTB 588))

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: 9-18-08

APPROVED:	DATE
<i>[Signature]</i>	9/18/08
CHIEF ENGINEER	DATE
<i>[Signature]</i>	9/18/08
EXECUTIVE DIRECTOR	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
APPROVED:	DATE
DIVISION ADMINISTRATOR	DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

9/17/2008 2:44 PM TITLE SHEET.DGN

DESCRIPTION OF SHEET	WKG. NO.	SHT. NO.
***** TITLE SHEET, DETAILED INDEX & GENERAL NOTES ( 3 ) *****		
TITLE SHEET	COVER	1
DETAILED INDEX	DI-1	2
GENERAL NOTES	GN-1	3
***** TYPICAL SECTION SHEETS ( 1 ) *****		
TYPICAL SECTION - SR 42 AT LEEVILLE ROAD	TS-1	4
***** QUANTITY SHEETS ( 6 ) *****		
SUMMARY OF QUANTITIES - ROADWAY	SQ-1	5
SUMMARY OF QUANTITIES - ROADWAY	SQ-2	6
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES, EARTHWORK, PAVEMENT MARKINGS, AND REMOVAL ITEMS	EQ-1	7
ESTIMATED QUANTITIES - TRAFFIC SIGNAL QUANTITIES	EQ-2	8
ESTIMATED QUANTITIES - PERMANENT SIGNING	SRS-1	9
ESTIMATED QUANTITIES - PERMANENT SIGNING	SRS-2	10
***** PLAN & PROFILE SHEETS ( 1 ) *****		
MAINLINE - 50 SCALE	WK-3	11
***** SPECIAL DESIGN - ROADWAY SHEETS ( 11 ) *****		
INTERSECTION DETAIL - SR 42 AT LEEVILLE ROAD	ID-1	12
FORM GRADES - EASTBOUND LEFT TURN LANE	FG-1	13
FORM GRADES - WESTBOUND LEFT TURN LANE	FG-2	14
PERMANENT PAVEMENT MARKING DETAILS	PMD-1	15
PERMANENT SIGNING PLANS	PSP-1	16
TRAFFIC CONTROL DETAILS - DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	17
CONSTRUCTION SIGNING	CS-1	18
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 (4 LANE; MEDIAN OR OUTSIDE LANE CLOSURE)EXTENDED PERIOD)	SDTCP-3	19
EDGE DRAIN DETAIL - CONCRETE APRON AND RODENT SCREEN	EDD-1	20
DETAIL OF EDGE DRAINS	EDD-2	21
VEGETATION SCHEDULE	VS-1	22
***** SPECIAL DESIGN SHEETS - TRAFFIC SIGNAL ( 8 ) *****		
TRAFFIC SIGNAL INSTALLATION - SR 42 AT LEEVILLE ROAD	TSI-1	23
TRAFFIC SIGNAL DETAIL - DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS, AND GENERAL NOTES	TSD-1	24
TRAFFIC SIGNAL DETAIL - LOOP DETECTOR DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-2	25
TRAFFIC SIGNAL DETAIL - PULL BOX AND CONDUIT TRENCHING FOR TRAFFIC SIGNAL INSTALLATION	TSD-3	26
TRAFFIC SIGNAL DETAIL - VDS WIRELESS SENSOR INSTALLATION DETAIL FOR TRAFFIC SIGNAL	TSD-4	27
TRAFFIC SIGNAL DETAIL - DETAILS OF CONTROL CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS, & MISC. DETAILS	TSD-5	28
TRAFFIC SIGNAL DETAIL - MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-6	29
TRAFFIC SIGNAL DETAIL - TRAFFIC SIGNAL PLAN ( TYPICAL SIGNAL INSTALLATION )	TSD-7	30

DESCRIPTION OF SHEET	WKG. NO.	SHT. NO.
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS ( 12-01-99 )	PM-1	120
PAVEMENT MARKING DETAILS FOR 4-LANE AND 5-LANE UNDIVIDED ROADWAYS (12-02-99 )	PM-2	121
PAVEMENT MARKING LEGEND DETAILS	PM-5	124
PAVEMENT MARKING LEGEND DETAILS	PM-6	125
EROSION CONTROL	EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES	TEC-1	142
TYPICAL TEMPORARY EROSION CONTROL MEASURES	TEC-2	143
DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	145
STANDARD ROADSIDE SIGNS	SN-3	222
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STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4B	227
BREAKAWAY SIGN SUPPORTS	SN-6A	230
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TRAFFIC CONTROL PLAN WITH FLAGGER ( ONE-LANE OF TWO WAY TRAFFIC )	TCP-1	250
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 (4 LANE; MEDIAN OR OUTSIDE LANE CLOSURE)WORK DAY ONLY)	TCP-2	251
HIGHWAY SIGNS AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-10	259
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TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED ROADWAYS	TCP-16	265
SIGHT FLARE ( 12-01-99 )	SF-1	273
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DRIVEWAYS, INTEGRAL CURB, AND SIDEWALK	SD-2	288
PIPE CULVERT INSTALLATION	PI-1	300
MEDIAN INLET (FLUSH WITH FORESLOPE)	MI-4	312
DETAILS OF GRATES FOR MEDIAN INLETS	IG-1	314
DETAILS OF GRATES FOR GUTTER INLETS	IG-2	315
PAVED INLET APRON AND MEDIAN DITCH PLUG	PA-1	318
TOTAL SHEETS - SR 42 AND LEEVILLE ROAD		60

PS & E PLANS-DATE: 9/18/08		
FMS CON. # 105263 / 301000		
REVISIONS		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		123
<b>DETAILED INDEX</b>		
SR 42 & LEEVILLE ROAD		
PETAL, MS		
TRAFFIC SIGNAL PROJECT		
PROJ NO: STP-0063-02(025)		WORKING NUMBER
COUNTY: FORREST		DI-1
FILENAME: detailed index.dgn	SHEET NUMBER	
DESIGN TEAM Baker	CHECKED JBM	DATE 2008
		2

