

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP-0023-02(047)	1

**STATE OF MISSISSIPPI**  
**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE OF PROPOSED  
U.S. HIGHWAY  
FEDERAL AID PROJECT NO. STP-0023-02(047)**

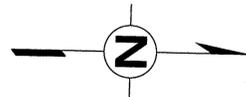
① 4-23-09

MILLING & OVERLAY

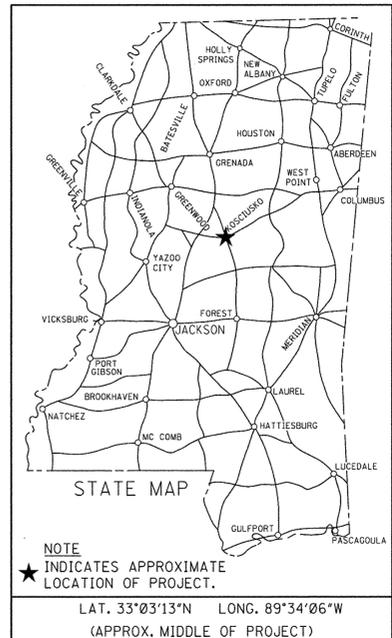
FMS 105503 /301000

MS. HWY 35 BETWEEN NATCHEZ TRACE  
PARKWAY AND MS. HWY 12 IN KOSCIUSKO  
ATTALA COUNTY

STA. 124 + 55.42 - E.O.P.



**SCALES**  
**PLAN** 1 IN. = 100 FT.  
**PROFILE** { **HOR.** 1 IN. = 100 FT.  
**VERT.** 1 IN. = 10 FT.  
**LAYOUT** 1 IN. = 5280 FT.



**DESIGN CONTROL**  
MPH = V (SPEED DESIGN)  
ADT ( ) = : ADT ( ) =  
DHV = : D = % T = %

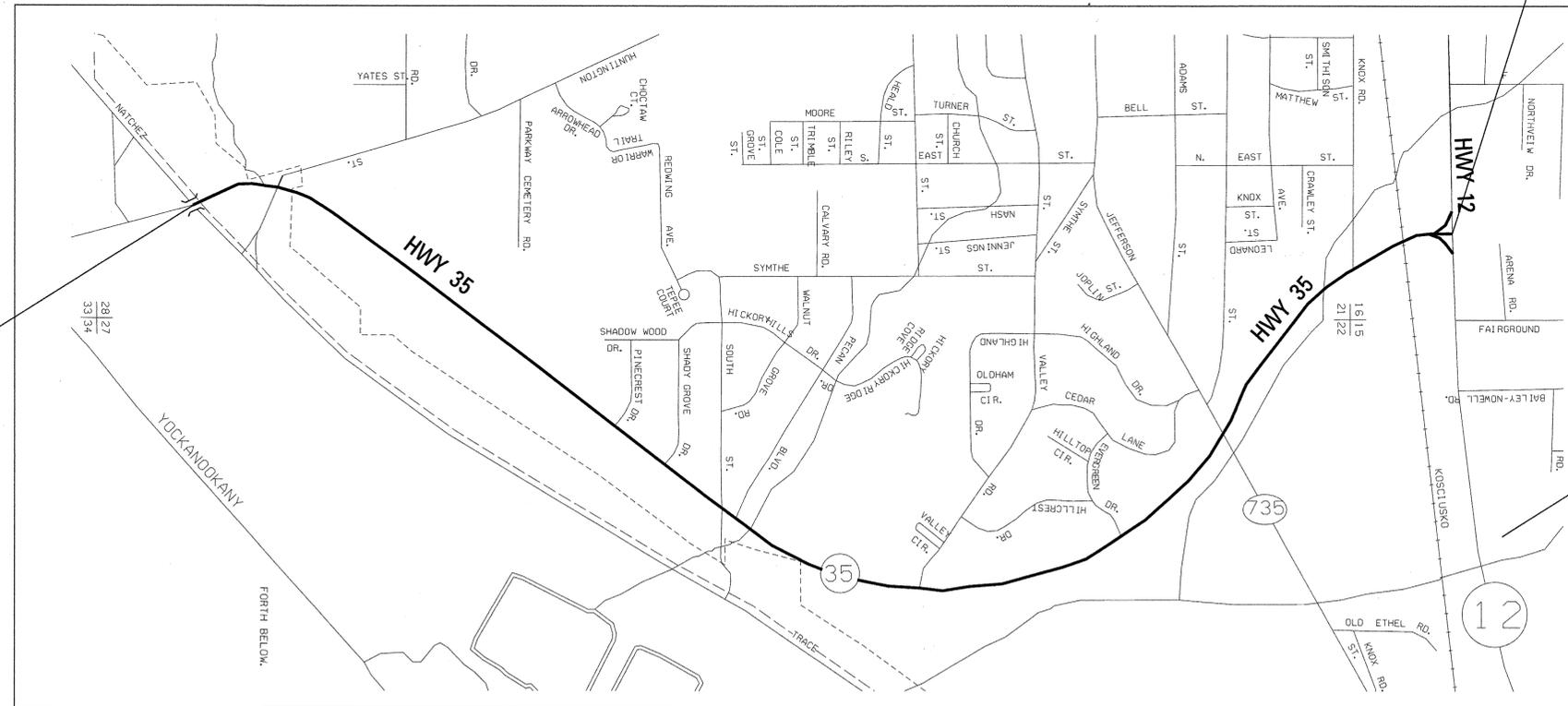
**PERMITS ACQUIRED BY MDT**  
WETLANDS AND WATERS PERMITS  
(NCESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

	WATERS	WETLANDS
NATIONWIDE #14	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, SCNOI SUBMITTED BY MDT (DISTRIBUTED AREA = 5 ACRES+) (NTB 6484)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (NTB 6483)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: TRP DATE: 4/21/09



STA. 0+00 - B.O.P.

**CONVENTIONAL SYMBOLS**

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

**EQUATIONS**

$$\begin{aligned}
 12 + 53.55 \text{ BK} &= 6 + 97.52 \text{ AH} = + 556.03 \\
 49 + 32.34 \text{ BK} &= 49 + 20.40 \text{ AH} = + 11.34 \\
 98 + 46.67 \text{ BK} &= 98 + 42.56 \text{ AH} = + 3.81 \\
 &+ 571.78
 \end{aligned}$$

**LENGTH DATA**

LENGTH OF ROADWAY	13,027.20 FT.	2.467 MI.
LENGTH OF BRIDGES	NONE FT.	0.0000 MI.
LENGTH OF PROJECT (NET)		2.467 MI.
LENGTH OF EXCEPTIONS	NONE FT.	0.0000 MI.
LENGTH OF PROJECT (GROSS)		2.467 MI.

**EXCEPTIONS**

NONE

BY	APPROVED:	<i>[Signature]</i>	4/21/09
	CHIEF ENGINEER		DATE
REVISIONS	APPROVED:	<i>[Signature]</i>	4/21/09
	EXECUTIVE DIRECTOR		DATE
DATE	MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
	APPROVED:		
	DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION			

DESCRIPTION OF SHEET	REVISION	WKG. NO.	SH. NO.
<u>TITLE SHEETS (1)</u>			
TITLE SHEET			1
<u>DETAILED INDEX &amp; GENERAL NOTES SHEET (2)</u>			
DETAILED INDEX		DI-1	2
GENERAL NOTES		GN-1	3
<u>TYPICAL SECTION SHEETS (3)</u>			
TYPICAL SECTION EXISTING		TS-1	4
TYPICAL SECTION NEW		TS-2	5
TYPICAL SECTION CONCRETE SECTION		TS-3	6
<u>QUANTITY SHEETS (2)</u>			
SUMMARY OF QUANTITY		SQ-1	7
SUMMARY OF QUANTITY		SQ-2	8
<u>SPECIAL DESIGN SHEETS (10)</u>			
SITE PLAN DETAIL AT PARKWAY		SPD-1	9
SITE PLAN DETAIL AT SERVEPRO		SPD-2	10
DETAIL OF CONSTRUCTION SIGNING		TCP-1	11
LOCATION OF R16-3 SIGNS		SSD-1	12
SIGNAL LOOP PLAN		SLP-1	13
LOOP DETECTOR DETAILS FOR TRAFFIC SIGNALS		TSD-1	14
SENSOR LOOP SENSOR SITE PLAN DETAIL		SLSD-1	15
SENSOR LOOP SENSOR CLASSIFICATION SITE		SLS-1	16
MISCELLANEOUS DETAIL		MDS-1	17
VEGETATION SCHEDULE		VS-1	18

DESCRIPTION OF SHEET	REVISION	WKG. NO.	SH. NO.
<u>STANDARD DRAWING SHEETS (11)</u>			
PAVEMENT MARKING DETAILS FOR 4 & 5-LANE UNDIVIDED ROADWAYS	(12-01-99)	PM-2	121
PAVEMENT MARKING LEGEND DETAILS		PM-5	124
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
EROSION CONTROL		EC-1	140
DETAILS OF DITCH TREATMENT		DT-1	145
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE		TCP-SC	250
TRAFFIC CONTROL PLAN FOR POSTED FOR SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE)(WORK DAY ONLY)		TCP-2	251
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS		TCP-8	257
HIGHWAY SIGN & BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP-10	259
DRIVEWAY, CURB & GUTTER & SIDEWALK		SD-1	287
DRIVEWAY, INTEGRAL CURB & SIDEWALK		SD-2	288
TOTAL SHEETS (29)			

ROADWAY DESIGN PLAN FOR C.A.D.D. SECTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PS & E PLANS-DATE 04/21/09		
FMS CON. # 105503/301000		
REVISIONS		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
<b>PROJECT NO. STP-0023-02(047)</b>	
<b>COUNTY : ATTALA</b>	
WORKING NUMBER	DI-1
FILENAME: DETAILEDINDEX.DGN	SHEET NUMBER
DESIGN TEAM	CHECKED DATE
	2

GENERAL NOTES:

1. THE CONTRACTOR SHALL MAKE A MISSISSIPPI ONE-CALL REQUEST PRIOR TO ANY EXCAVATION OPERATION, EXCEPTING BOTH TRENCH WIDENING AND PAVEMENT REMOVAL AND REPAIR.
2. ANY INCIDENTAL OR NECESSARY GRADING OF ROADWAY DITCHES, AS DIRECTED BY THE ENGINEER, TO BE ABSORBED IN OTHER PAY ITEMS.
3. THE COST OF CLEARING AND GRUBBING TO BE ABSORBED IN OTHER PAY ITEMS.
4. SUFFICIENT MILLING, PRE-LEVELING, AND/OR LEVELING QUANTITIES ARE PROVIDED IN THIS CONTRACT TO FACILITATE THIS WORK. ALL TRANSITION CROSS-SLOPES ARE TO BE ESTABLISHED AND CHECKED PRIOR TO PLACEMENT OF THE TOP LIFT OF PAVEMENT. BIDDERS ARE ADVISED THAT CROSS-SLOPES FOR CURVE SUPERELEVATIONS ARE TO BE BUILT IN ACCORDANCE WITH INFORMATION PROVIDED BY THE DEPARTMENT AND AS DIRECTED BY THE ENGINEER.
5. IN ORDER TO EXPEDITE THE SAFE MOVEMENT OF TRAFFIC AND TO PROTECT EACH PHASE OF THE WORK AS IT IS PERFORMED, A FIRM SEQUENCE OF OPERATIONS IS ESSENTIAL. THE WORK SHALL BE BEGUN AND CONTINUALLY PROSECUTED.
6. AS DIRECTED BY THE ENGINEER, REMOVE ANY MATERIAL PRODUCED FROM THE EXCAVATION OPERATION FOR TRENCH WIDENING THAT CANNOT BE REASONABLY ANTICIPATED TO BE USED AS PART OF THE FINAL SHOULDER. THIS REMOVAL SHALL BE ACCOMPLISHED SIMULTANEOUS WITH THE EXCAVATION OPERATION. MATERIAL THAT CANNOT REASONABLY BE ANTICIPATED TO BE USED IN THE FINAL SHOULDER SHALL NOT REMAIN ROLLED UP ON THE EXISTING SHOULDER OR BLADED DOWN THE SLOPE. THERE WILL BE NO SEPARATE PAYMENT FOR THIS WORK WHICH WILL BE INCLUDED IN THE COST OF THE TRENCH WIDENING OPERATIONS.
7. TRENCH WIDENING EXCAVATION MAY INCLUDE THE REMOVAL OF ASPHALT ALONG THE SHOULDER DUE TO PREVIOUS MAINTENANCE REPAIRS. THERE WILL BE NO SEPARATE PAYMENT FOR THIS WORK WHICH WILL BE INCLUDED IN THE COST OF THE TRENCH WIDENING OPERATIONS.
8. SHOULDERS SHALL BE BLADED, SHAPED AND COMPACTED THROUGHOUT THE LENGTH OF THE PROJECT REGARDLESS OF WHETHER GRANULAR MATERIAL IS REQUIRED. MORE MATERIAL THAN IS NECESSARY TO PROPERLY ESTABLISH THESE SHOULDERS MAY RESULT FROM THE FINAL GRADING OF THE SHOULDERS. THE ENGINEER MAY DIRECT THAT SOME OF THIS MATERIAL BE REMOVED FROM THE PROJECT. MATERIAL REMOVED FROM THE PROJECT WILL BE PAID FOR AS 203-G, EXCESS EXCAVATION (LVM) (AH). THIS ITEM MAY INCLUDE SMALL AMOUNTS OF ASPHALT THAT MAY BE WITHIN THESE EXCAVATION LIMITS.
9. ALL DRIVEWAY PADS ARE TO BE PAVED A DISTANCE TO TEN (10) FEET AND SHALL BE TAPERED TO FIT EXISTING CONDITIONS, ALLOWING SMOOTH ENTRY AND EXIT. SEE THE ATTACHED MISCELLANEOUS DETAIL, ON SHEET NO. 17. COUNTY ROADS AND/OR CITY STREETS ARE TO BE PAVED AND/OR MILLED TO THE RIGHT-OF-WAY LINE AS DIRECTED BY THE PROJECT ENGINEER.
10. HIGHWAYS, COUNTY ROADS AND/OR CITY STREETS MAY REQUIRE NEW STRIPE, AS DIRECTED BY THE ENGINEER.
11. THE CONTRACTOR SHALL PROVIDE ALL SIGNS AND TRAFFIC HANDLING DEVICES NECESSARY TO SAFELY MAINTAIN TRAFFIC AROUND OR THROUGH THE WORK AREAS.
12. INCIDENTAL WORK SUCH AS REMOVING VEGETATION, SHAPING AND COMPACTION OF SHOULDERS, INCIDENTAL GRADING OF DRIVEWAYS FOR POSITIVE DRAINAGE AND SLOPE AND OTHER INCIDENTAL WORK THAT IS NECESSARY TO COMPLETE THE WORK WILL NOT BE MEASURED FOR SEPARATE PAYMENT AND THE COST WILL BE INCLUDED IN THE ITEMS BID.
13. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT THE ROADWAY AND ALL EXISTING STRUCTURES SUCH AS BRIDGES, CURBS AND OTHER FEATURES FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES OR PORTION OF THE ROADWAY DAMAGED AS A RESULT OF CONTRACTOR'S OPERATIONS DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS, CAUSED BY THE CONTRACTOR'S OPERATIONS.
14. DUE CARE SHALL BE TAKEN DURING BOTH THE TRENCH WIDENING AND GRANULAR MATERIAL OPERATIONS TO BLADE MATERIAL TOWARD THE ROADWAY AND AWAY FROM THE DITCH LINE. MATERIAL SHALL BE REMOVED FROM THE ROADWAY GRASS IF INADVERTENTLY BLADED THERE.
15. AT BRIDGE ENDS AND AT THE END OF WORK DAYS, THE CONTRACTOR SHALL PROVIDE A TAPER AT ANY VERTICAL JOINT ON A THREE (3) FOOT TO ONE (1) INCH VERTICAL SLOPE.
16. SHOULD MILLING BE REQUIRED WITHIN A CURB AND GUTTER SECTION, THE CONTRACTOR SHALL CONTINUOUSLY KEEP THE TRAVEL SURFACE FREE FROM SURFACE WATER. THIS MAY REQUIRE CONTINUOUS TWENTY-FOUR (24) HOUR MONITORING AND SWEEPING OF THE PROJECT.
17. IF MANHOLES REQUIRE ADJUSTMENT, CONTRACTOR SHOULD COORDINATE WITH LOCAL MUNICIPALITY AS REFERENCED IN 2004 STANDARD SPECIFICATIONS SECTION 105.06. THE COST OF ADJUSTING MANHOLES TO BE ABSORBED IN OTHER PAY ITEMS.

ROADWAY DESIGN PLAN NO. C.A.D.D. SECTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		<b>GENERAL NOTES</b>	
		PROJECT NO.: STP-0023-02(047)	
		COUNTY : ATTALA	
		FILENAME: Generalnotes.DGN	WORKING NUMBER GN-1
		DESIGN TEAM	CHECKED
		DATE	DATE
			SHEET NUMBER 3