| 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

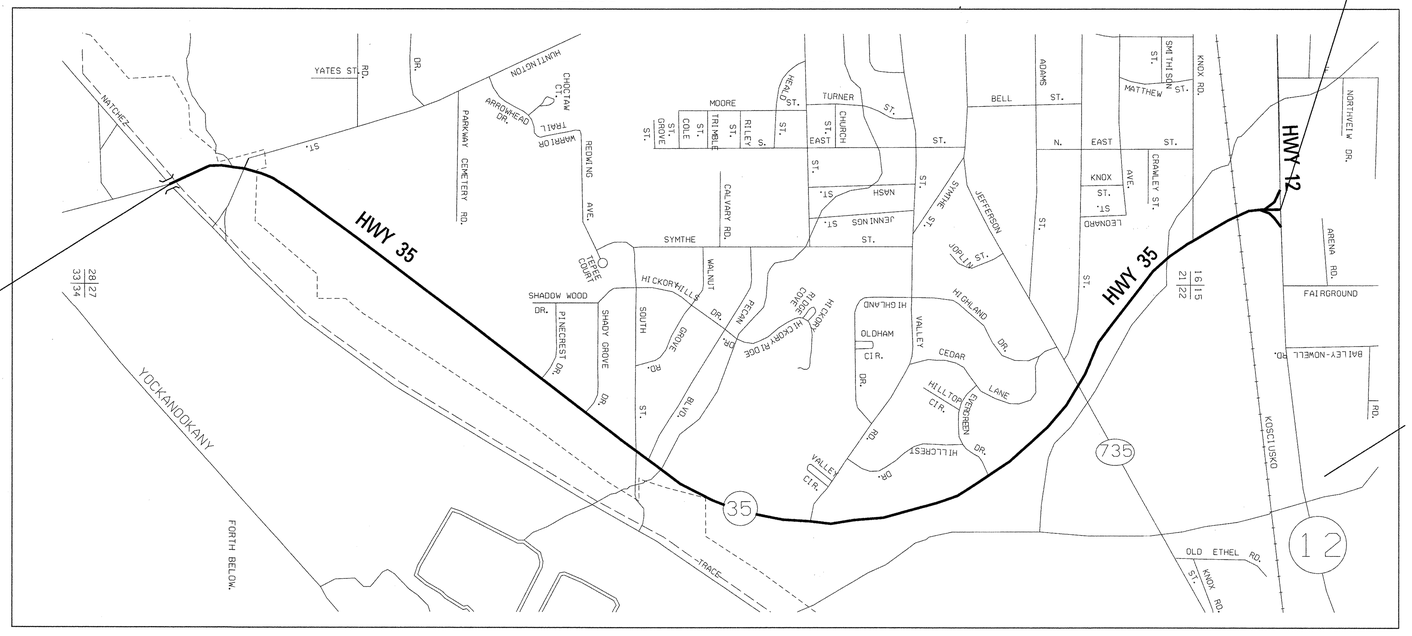
ATTALA COUNTY

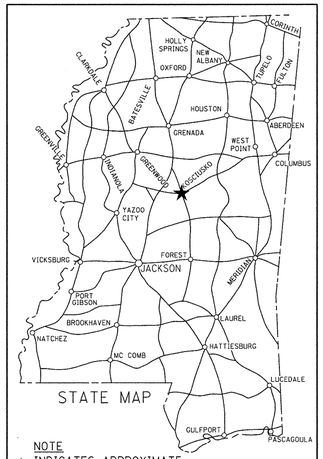
**SCALES**

| | | |
|---|---|---|
| PLAN | | 1 IN. = 100 FT. |
| PROFILE | HOR. | 1 IN. = 100 FT. |
| | VERT. | 1 IN. = 10 FT. |
| LAYOUT | | 1 IN. = 5280 FT. |

STA. 124 + 55.42 – E.O.P.

STA. 0 + 00 – B.O.P.




NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 33°03'13"N LONG. 89°34'06"W
(APPROX. MIDDLE OF PROJECT)

**DESIGN CONTROL**

_____ MPH = V (SPEED DESIGN)

ADT (____) = _____ : ADT (____) = _____

DHV = _____ : D = _____% T = _____%

**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 |

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

STORMWATER PERMIT N

| | |
|---|---|
| Y | REQUIRED, CNOI SUBMITTED BY MDOT (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

## CONVENTIONAL SYMBOLS

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

## EQUATIONS

12 + 53.55 BK = 6 + 97.52 AH = + 556.03
49 + 32.34 BK = 49 + 20.40 AH = + 11.34
98 + 46.67 BK = 98 + 42.56 AH = + 3.81
+ 571.78

## EXCEPTIONS

NONE

## 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. |



| DATE | REVISIONS | BY |
|---|---|---|

APPROVED: _____ 4/21/09
CHIEF ENGINEER DATE

_____ 4/21/09
EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

_____ _____
DIVISION ADMINISTRATOR DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

ADDENDUM

| STATE | PROJECT NO. |
|---|---|
| MISS. | STP-0023-02(047) |

| DESCRIPTION OF SHEET | REVISION | WKG. NO. | SH. NO. |
|---|---|---|---|
| TITLE SHEETS (1) | | | |
| TITLE SHEET | | | 1 |
| DETAILED INDEX & GENERAL NOTES SHEET (2) | | | |
| DETAILED INDEX | | DI-1 | 2 |
| GENERAL NOTES | | GN-1 | 3 |
| TYPICAL SECTION SHEETS (3) | | | |
| TYPICAL SECTION EXISTING | | TS-1 | 4 |
| TYPICAL SECTION NEW | | TS-2 | 5 |
| TYPICAL SECTION CONCRETE SECTION | | TS-3 | 6 |
| QUANTITY SHEETS (2) | | | |
| SUMMARY OF QUANTITY | | SQ-1 | 7 |
| SUMMARY OF QUANTITY | | SQ-2 | 8 |
| SPECIAL DESIGN SHEETS (10) | | | |
| 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. |
|---|---|---|---|
| STANDARD DRAWING SHEETS (11) | | | |
| 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 DIVISION 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 |
| 6/10/09 | 7 | MF |
| | | |
| | | |
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| | | |

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

REVISION | BY | DATE

**PROJECT NO. STP-0023-02(047)**
**COUNTY : ATTALA**

WORKING NUMBER DI-1

FILENAME: DETAILEDINDEX.DGN
DESIGN TEAM ____ CHECKED ____ DATE ____

SHEET NUMBER 2

| STATE | PROJECT NO. |
|---|---|
| MISS. | STP-0023-02(047) |

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.

| REVISION | BY | DATE |
|---|---|---|
| | | |

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

**PROJECT NO.: STP–0023–02(047)**
**COUNTY : ATTALA**

WORKING NUMBER GN-1

FILENAME: Generalnotes.DGN
DESIGN TEAM ____ CHECKED ____ DATE ____

SHEET NUMBER 3

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