FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	MP-2301-17(003)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY STATE PROJECT NO. MP-2301-17(003)

FMS 303667 /301000

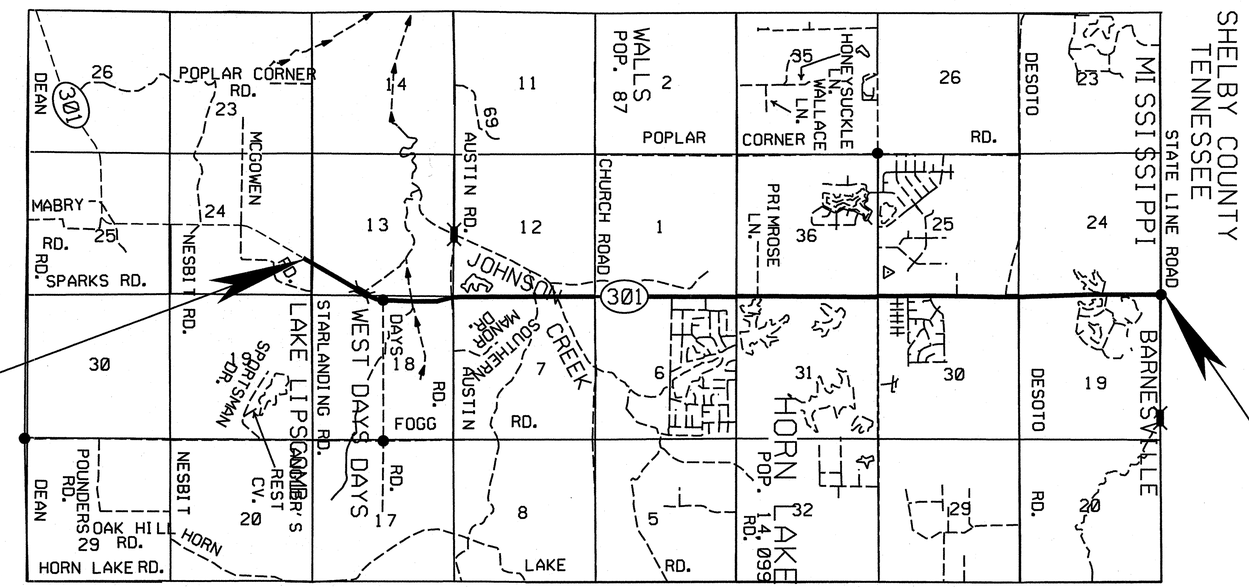
MILLING & OVERLAY OF S.R. 301 FROM 0.1 MILE SOUTH OF STAR LANDING ROAD TO TENNESSEE STATE LINE

DESOTO COUNTY

04-06-09

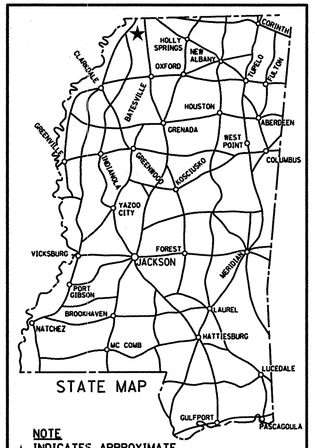
SCALES

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



B.O.P. STA. 454+15.73

E.O.P. STA. 272+29.70



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34°57'03" LONG. 90°05'50"
(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 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: JRP DATE: 4/6/09

CONVENTIONAL SYMBOLS

COUNTY LINE

TOWN CORPORATION LINE

SECTION LINE

EXISTING ROAD OR TRAVELED WAY

PROPOSED ROAD OR TRAVELED WAY

RAILROAD

SURVEY LINE

BRIDGES

EQUATIONS

STATION 553+58.56 BK = STATION 39+50 AH

EXCEPTIONS

LENGTH DATA

LENGTH OF ROADWAY	33222.55	FT.	6.29 MI.
LENGTH OF BRIDGES		FT.	MI.
LENGTH OF PROJECT (NET)			6.29 MI.
LENGTH OF EXCEPTIONS		FT.	MI.
LENGTH OF PROJECT (GROSS)			6.29 MI.

45

REVISIONS | BY | DATE

APPROVED:

CHIEF ENGINEER — DATE 4/6/09

EXECUTIVE DIRECTOR — DATE 4/6/09

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

4/6/2009 09:58:19 01TITLE.DGN

STATE	PROJECT NO.
MISS.	MP-2301-17(003)

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 (2)			
TYPICAL SECTION MAINLINE (STATION 460+50 TO STATION 40+00)		TS-1	4
TYPICAL SECTION MAINLINE (STATION 43+00 TO 270+30)		TS-2	5
QUANTITY SHEETS (2)			
SUMMARY OF QUANTITY		SQ-1	6
SUMMARY OF QUANTITY		SQ-2	7
SPECIAL DESIGN SHEETS (6)			
DETAIL OF CONSTRUCTION SIGNING		DCS-1	8
MISCELLANEOUS DETAIL		MDS-1	9
RUMBLE STRIPE 2-LANE HIGHWAY		RS-2L	10
LOCATION OF R16-3 SIGNS		SSD-1	11
LOOP DETECTOR DETAILS		TSD-2	12
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)		SDTCP-3	13

DESCRIPTION OF SHEET	REVISION	WKG. NO.	SH. NO.
STANDARD DRAWING SHEETS (11)			
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	(12-01-99)	PM-1	120
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
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE OF TWO-WAY TRAFFIC)		TCP-1	250
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANCE 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
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE & 4-LANE DIVIDED HIGHWAYS	(12-01-99)	TCP-15	264
DRIVEWAYS, CURB & GUTTER & SIDEWALK		SD-1	287
DRIVEWAYS, INTEGRAL CURB & SIDEWALK		SD-2	288

TOTAL SHEETS (24)

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

M. FORD

PS & E PLANS-DATE 04/06/09		
FMS CON. # 303667/301000		
REVISIONS		
DATE	SHEET NO.	BY

45

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO.: MP-2301-17(003)
COUNTY : DESOTO

WORKING NUMBER DI-1

SHEET NUMBER 2

FILENAME: DETAILEDINDEX.DGN

DESIGN TEAM ____ CHECKED ____ DATE ____

REVISION | BY | DATE

STATE	PROJECT NO.
MISS.	MP-2301-17(003)

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. 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. TO ASSIST THE CONTRACTOR IN CORRECTLY PLACING THE CROSS SLOPE TRANSITIONS, THE DEPARTMENT WILL PROVIDE, AT THE PRE-CONSTRUCTION CONFERENCE, STATIONING AND PERCENT SLOPE INFORMATION. SUFFICIENT MILLING, PRE-LEVELING, AND/OR LEVELING QUANTITIES ARE PROVIDED, ON SHEET 5, 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.

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. 9. 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. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENT OF NOTICE TO BIDDERS 2130, LOW WEIGHT BRIDGES.

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

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO.: MP-2301-17(003)
COUNTY : DESOTO

WORKING NUMBER GN-1

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

SHEET NUMBER 3