FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	SP-0022-04(059)	1

GENERAL INDEX

INCLUDED THIS PROJECT		BEGIN WITH SHEET
☒	ROADWAY	1
☐	PERMANENT SIGNS	1001
☐	TRAFFIC SIGNALS	2001
☐	ITS COMPONENTS	3001
☐	LIGHTING	4001
☐	(RESERVED)	5001
☒	ROADWAY STANDARD DWGS	6001
☐	BRIDGE STANDARD DWGS	7001
☐	BRIDGE	8001
☒	CROSS SECTIONS	9001

BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY STATE PROJECT NO. SP-0022-04(059)

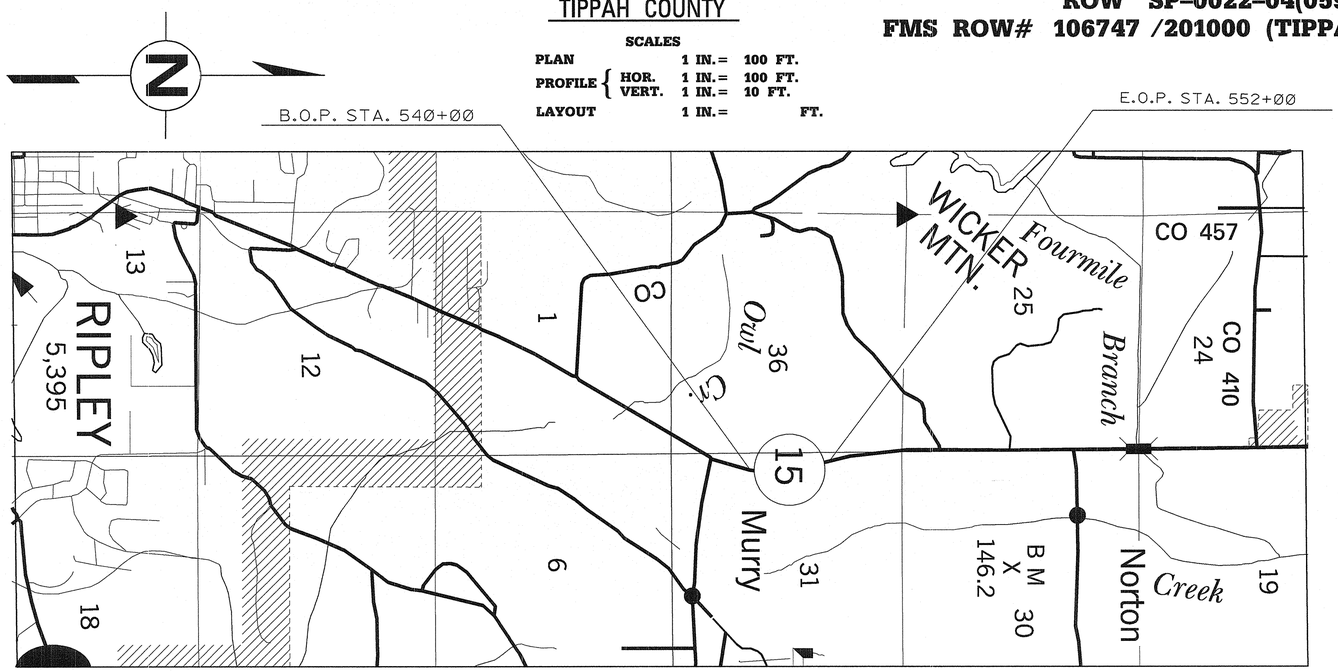
SR 15 RIGHT TURNLANE NTO
INDUSTRIAL PARK NORTH
OF RIPLEY
TIPPAH COUNTY

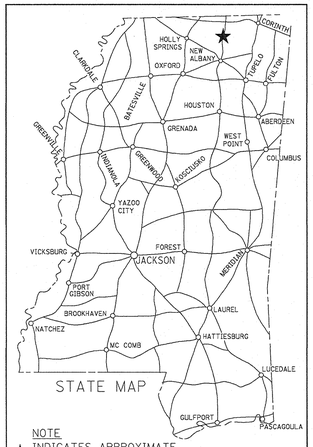
FMS CON# 106747 /301000 (TIPPAH CO.)

ROW SP-0022-04(059)
FMS ROW# 106747 /201000 (TIPPAH CO.)

SCALES

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





NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34°46'48.482" LONG. -88°55'42.280"
(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	✓	✓
NATIONWIDE (OTHER)*	✓	✓
GENERAL*	✓	✓
INDIVIDUAL (404)*	✓	✓

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

STORMWATER PERMIT S

Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: DT DATE: 1/16/14

GPS CONTROL NOTES

HORIZONTAL DATUM: NAD 83(2007) MS EAST ZONE (US SURVEY FEET)

HORIZONTAL MONUMENT	NORTH	EAST
McIll	1900495.749	929763.688
D41	1963900.376	962451.950
Wheeler	1848429.838	1045750.895

VERTICAL DATUM: NAVD NAVD '88 (US SURVEY FEET)

VERTICAL MONUMENT	ELEVATION
Wheeler	407.672
D41	435.826

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	0.9999297
GRID TO GEODETIC AZIMUTH	-0° 03' 14.40"

EQUATIONS

EXCEPTIONS

LENGTH DATA

LENGTH OF ROADWAY	1200.000 FT.	0.227 MI.
LENGTH OF BRIDGES	0.000 FT.	0.000 MI.
LENGTH OF PROJECT (NET)		0.227 MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)		0.227 MI.

REVISIONS

DATE	BY

APPROVED:

CHIEF ENGINEER — DATE 1/16/14

EXECUTIVE DIRECTOR — DATE 1/16/14

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
1/16/2014 9:13 AM11_E.DGN

STATE	PROJECT NO.
MISS.	SP-0022-04(059)

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 (2)		
TYPICAL SECTION - HWY. 15 - WIDEN & OVERLAY	TS-1	5
TYPICAL SECTION - LOCAL ROADS	TS-2	6
QUANTITY SHEETS (2)		
SUMMARY OF QUANTITIES	SQ-1	7
SUMMARY OF QUANTITIES	SQ-2	8
ESTIMATED QUANTITIES (5)		
ESTIMATED QUANTITIES	EQ-1	9
ESTIMATED QUANTITIES	EQ-2	10
ESTIMATED QUANTITIES	EQ-3	11
ESTIMATED QUANTITIES	EQ-4	12
ESTIMATED QUANTITIES	EQ-5	13
PLAN & PROFILE SHEETS (3)		
MAINLINE - BOP STA. 540+00 TO EOP STA. 552+00	WK-3	14
MAINLINE - BOP TO EOP - RIGHT OF WAY CENTERLINE	WK-3A	15
LOCAL ROAD - ASHLEY DRIVE	WK-3B	16
SPECIAL DESIGN SHEETS (45)		
VEGETATION SCHEDULE	VS-1	17
RIGHT OF WAY MARKER	RW-1	18
TRAFFIC CONTROL LOCATION OF R16-3 SIGNS	TC-2	19
DETAILS OF TYPICAL DITCH TREATMENT	DT-1	20
TRAFFIC CONTROL DETAIL OF DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	21
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	SDTCP-10	22
SUPERELEVATION TRANSITION FOR LOCAL FACILITIES	SDSE-1	23
SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)	SDSE-2A	24
SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE	SDRO-1	25
BREAKAWAY SIGN SUPPORT	SDSN-6B	26
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DRIVEWAYS, CURB & GUTTER AND SIDEWALK	SDSD-1	28
BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL & SKEWED	SD-IBJL-1	29
BASIC CULVERT DRAWING (SINGLE CELL, HEIGHT 4 FT. - SPANS 4-10 FT.)	SD-IBS-4-2W	30
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL	SD-IWS-3	31
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL	SD-IWS-3A	32
COLLAR DETAIL FOR BOX CULVERTS (SINGLE, DOUBLE, TRIPLE & QUADRUPLE)	SD-ICJ-1	33

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS (CONTINUED)		
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PLAN OF TRAFFIC CONTROL	TC-1	35
PERMANENT PAVEMENT MARKING	PPM-1	36
INTERSECTION DETAIL	ID-1	37
TYP. TEMP. EROSION CONTROL MEASURES (SLOPE DRAIN & TYPE A SILT BASIN)	TEC-2	38
DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT	DT-1A	39
TEMPORARY TYPICAL EROSION/SEDIMENT CONTROL APPLICATIONS	ECD-1	40
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	41
DETAILS OF SILT FENCE INSTALLATION	ECD-3	42
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	43
TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES	ECD-5	44
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	45
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	46
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ROCK DITCH CHECK WITH SUMP EXCAVATION	ECD-9	48
INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS	ECD-10	49
INLET PROTECTION DETAILS FOR COARSE AGGRECATE ON GRADES & SAGS	ECD-11	50
INLET PROTECTION DETAILS OF WATTLES	ECD-12	51
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-13	52
INLET PROTECTION DETAILS OF SAND BAG	ECD-14	53
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TEMPORARY STREAM DIVERSION	ECD-17	56
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PRELIMINARY EROSION CONTROL PLAN - BOP STA. 540+00 TO EOP STA. 552+00	ECP3	60
RIGHT OF WAY COORDINATE SHEET	ROW-C01	61

PS & E PLANS-DATE 1-23-14		
FMS CON. # 106747/301000		
REVISIONS		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. SP-0022-04(059)
COUNTY : TIPPAH

WORKING NUMBER DI-1

SHEET NUMBER 2

FILENAME: DI.DGN

DESIGN TEAM ____ CHECKED ____ DATE ____

REVISION | BY | DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/22/2014 9:33 AM DI.DGN

STATE	PROJECT NO.
MISS.	SP-0022-04(059)

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
STANDARD DRAWINGS - ROADWAY SHEETS (13) OCT. 1, 1998 VERSION			
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	12-01-99	PM-1	6120
PAVEMENT MARKING LEGEND DETAILS		PM-6	6125
EROSION CONTROL		EC-1	6140
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO WAY TRAFFIC)		TCP-1	6250
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS		TCP-11	6260
TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS		TCP-14	6263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12-01-99	TCP-15	6264
RURAL DRIVEWAYS		RD-1	6271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	6272
DETAILS OF PAVED FLUMES		PF-1	6291
PIPE CULVERT INSTALLATION		PI-1	6300
PIPE COLLAR - CONCRETE		PC-1	6301
FLARED END SECTION FOR CONCRETE PIPE		FE-1	6328
STANDARD DRAWINGS - BRIDGE SHEETS (1) OCT. 1, 1998 VERSION			
CULVERT DRAWING - EXTENTION DETAILS FOR LENGTHENING EXISTING BOX CULVERTS		ICX-1	7006
CROSS SECTIONS (4)			
MAIN FACILITY - B.O.P. TO E.O.P.			9001-9004
TOTAL SHEETS (79)			

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. SP-0022-04(059)
COUNTY : TIPPAH

WORKING NUMBER DI-2

SHEET NUMBER 3

REVISION | BY | DATE

FILENAME: DI.DGN

DESIGN TEAM ____ CHECKED ____ DATE ____

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/22/2014 9:33 AM DI.DGN

STATE	PROJECT NO.
MISS.	SP-0022-04(059)

1. FOR A LIST OF PUBLIC UTILITIES,SEE WK.NO.3.
2. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT THE FIELD CONDITIONS.
3. 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.
4. ALL EXISTING HEADWALLS, CULVERT PIPES, BOX CULVERTS OR OTHER OBSTRUCTIONS,NOT COVERED BY A SPECIFIC PAY ITEM, WHICH CONFLICT WITH REQUIRED CONSTRUCTION SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE AS AN ABSORBED ITEM. EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED ON EACH END WITH CONCRETE. (ABSORBED ITEM)
5. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. 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.
6. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL BE POSTED AT WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT. PLEASE CONTACT CONTRACT ADMINISTRATION DIVISION AT 601-359-7700 FOR ANY QUESTIONS REGARDING ELECTRONIC ADDENDA.
7. WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES,THEREFORE THE RISK OF A FAILURE OCCURRING 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.
8. FLUORESCENT 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.
9. 25% SHRINKAGE USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
10. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION)
11. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR ORTHER SUITABLE MATERIAL.
12. ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC, THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
13. WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
14. FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS. (SEE WK. NO. ICJ-1 FOR DETAILS)
15. REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPEARATE PAY ITEM, COST TO BE ABSORBED IN OTHER ITEMS BID.
16. WHERE MILLING IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
17. TEMPORARY STRIPING SHALL CONFORM TO THE FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS AND SRAIGHTNESS.
18. ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
19. IF COLORS ARE USED ON PLAN/PROFILE SHEETS, THEY ARE INTENDED TO VISUALLY EASE THE LOCATION OF ELEMENTS FOR USER'S OF THESE DRAWINGS ALTHOUGH THE INTENT IS TO CATEGORIZE EVERYTHING AS EITHER EXISTING OR PROPOSED IT IS THE END USERS RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETTED CORRECTLY REGARDLESS OF COLOR.
20. 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.
21. PRIOR TO EXCACATION AND EMBANKMENT CONSTRUCTION, ALL TOPSOIL SHALL BE STRIPPED AND STOCKPILED. AFTER COMPLETION OF EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL SLOPES SHALL BE UNIFORMLY PLATED WITH THE STOCKPILED TOPSOIL. STRIPPING, STOCKPILING, PLACING AND SPREADING OF TOPSOIL WILL NOT BE MEASURED FOR PAY. TO BE INCLUDED IN COST FOR TOPSOIL PAY ITEM.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

REVISION

PROJ.NO.: SP-0022-04(059)

COUNTY: TIPPAH

WORKING NUMBER GN-1

DATE

FILENAME: CORR-V-GN.DGN

DESIGN TEAM DOVER CHECKED DATE

SHEET NUMBER 4

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/22/2014 9:33 AM DN.DGN