FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP-0070-04(018)	1

GENERAL INDEX

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☐	TRAFFIC SIGNALS	2001
☐	ITS COMPONENTS	3001
☒	LIGHTING	4001
☐	(RESERVED)	5001
☒	ROADWAY STANDARD DWGS	6001
☒	BRIDGE STANDARD DWGS	7001
☒	BRIDGE	8001
☒	CROSS SECTIONS	9001

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

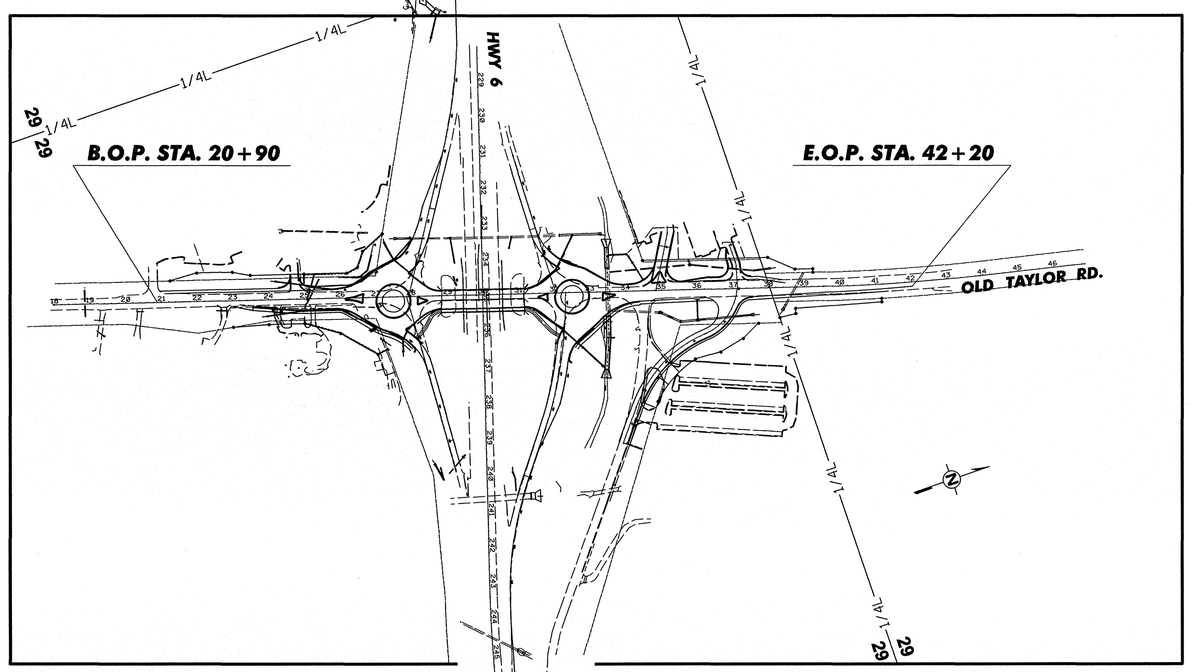
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP–0070–04(018)

OLD TAYLOR ROAD & HWY. 6 INTERCHANGE IN OXFORD, MS
LAFAYETTE COUNTY

FMS CON 106296/301000

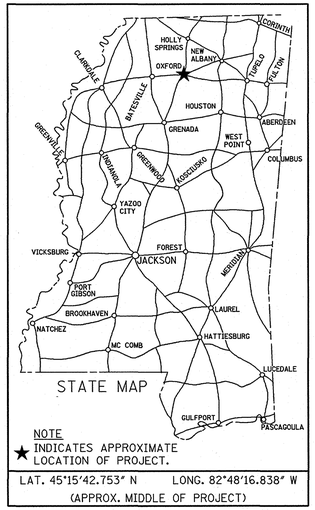
SCALES

PLAN		1 IN. = 20 FT.
PROFILE	HOR.	1 IN. = 20 FT.
	VERT.	1 IN. = 5 FT.
LAYOUT		1 IN. = 200 FT.



BRIDGE STRUCTURES REQ'D.
(Widen Existing Bridge)

BOX BRIDGES REQ'D.
(NONE)



DESIGN CONTROL

40 MPH = V (SPEED DESIGN)

ADT (2015) = 15,000 : ADT (2035) = 20,000

DHV = 2,200 : D = 60 % T= 3 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	Y	N
GENERAL*	N	N
INDIVIDUAL (404)*	N	N

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

STORMWATER PERMIT Y

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: DATE: 10/9/13

NOTES:

ACCESS CONTROL

1. Access to and exit from this highway will be permitted only through interchange or such other points as may be established by public authority and as shown on the plans.
2. This note applies to the following station limits: Sta. 25+00 to Sta. 34+49.21 left and Sta. 25+00 to Sta. 33+79.21 right along Old Taylor Road is declared by the Transportation Commission to be a Type 1 Controlled Access Facility, as defined in and subject to all restrictions shown by order of said Commission dated the 24th day of September, 2013 in minute book 18, page 875 and authorized under section 65–1–10(1) MCA (1972, as amended).

EQUATIONS

EXCEPTIONS

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	1880.00 FT.	0.356 MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)		0.356 MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)		0.356 MI.

RAYMOND KYLE EDISON LICENSED PROFESSIONAL ENGINEER 15139 STATE OF MISSISSIPPI
10-07-13

APPROVED:

CHIEF ENGINEER — DATE 10-9-13

EXECUTIVE DIRECTOR — DATE 10/9/13

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

DATE	REVISIONS	BY

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

10/4/2013 12:39:01 TITLE.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	STP-0070-04(018)

DESCRIPTION OF SHEET

DESCRIPTION OF SHEET	WK. NO.	SH. NO.
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RAYMOND KYLE EIDSON JR. LICENSED PROFESSIONAL ENGINEER 15139 STATE OF MISSISSIPPI
10-07-13

NEEL-SCHAFFER

PS & E PLANS-DATE 11/13/13		
FMS CON. # 106296/301000		
REVISIONS		
DATE	SHEET NO.	BY
12-20-13	20, 21, 22, 23, 24,	SDS
	25, 27, 28, 29, 30,	
	34, 38, 41, 44, 61,	
	103, 155, 179, 180,	
	1001, 1002, 9010,	
	9011	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Detail Index

Project No.: STP-0070-04(018)
County: Lafayette

WORKING NUMBER DI-1

SHEET NUMBER 2

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

REVISION | BY | DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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MISS.	STP-0070-04(018)

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RAYMOND KYLE EDSON
LICENSED PROFESSIONAL ENGINEER
15139
STATE OF MISSISSIPPI
10-07-13

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Detail Index

Project No.: STP-0070-04(018)
County: Lafayette

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

WORKING NUMBER DI-2

SHEET NUMBER 3

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/13/2013 @9:17:27 INDEX.DGN

STATE	PROJECT NO.
MISS.	STP-0070-04(018)

DESCRIPTION OF SHEET

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TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS		TCP-14	6263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS		TCP-15	6264
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS		GT-1	6272
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINTS 2. EXCAVATION AT GRADE POINTS		MDS-1	6290
DETAILS OF PAVED FLUMES		PF-1	6291
PIPE CULVERT INSTALLATION		PI-1	6300
CONCRETE PIPE COLLAR		PC-1	6301
JUNCTION BOX FOR PIPE CULVERTS		JB-1	6302
JUNCTION BOX TYPE 2 FOR TRAFFIC LOAD (Maximum "W"=9'-3")		JB-2	6304
BRANCH CONNECTIONS		BC-1	6305
TYPE I MEDIAN INLET (24" Pipe and Under)	3-1-02	MI-1	6306
DETAILS OF GRATES FOR MEDIAN INLETS		IG-1	6314
PAVED INLET APRON AND MEDIAN DITCH PLUG		PA-1	6318
STORM SEWER STRUCTURE TYPE SS-2		SS-2	6322
FLARED END SECTION FOR CONCRETE PIPE		FE-1	6328

DESCRIPTION OF SHEET

BOX BRIDGE STANDARDS (14)

DESCRIPTION OF SHEET		WK. NO.	SH. NO.
BASIC CULVERT DRAWING BARREL JOINT LOCATIONS NORMAL & SKEWED CULVERTS GROUP 1 DIAGRAMS		IBJL-1	7001
COLLAR DETAILS FOR BOX STRUCTURES (Single, Double, Triple & Quadruple)	7-17-98	ICJ-1	7004
CULVERT DRAWING EXTENSION DETAILS FOR LENGTHENING EXISTING BOX CULVERTS		ICX-1	7006
BASIC CULVERT DRAWING SINGLE CELL HEIGHT 6 FT. SPANS 6-20 FT.	7-17-98	IBS-6-2W	7007
BASIC CULVERT DRAWING SINGLE CELL HEIGHT 6 FT. SPANS 6-20 FT.		IBS-6-2W	7008
BASIC CULVERT DRAWING SINGLE CELL HEIGHT 8 FT. SPANS 6-20 FT.		IBS-8-2W	7009
BASIC CULVERT DRAWING SINGLE CELL HEIGHT 8 FT. SPANS 6-20 FT.		IBS-8-2W	7010
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL HEIGHTS 6-12 FT. SPANS 6-24 FT.		IWS-3	7015
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL HEIGHTS 6-12 FT. SPANS 6-24 FT.		IWS-3	7016
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL HEIGHTS 6-12 FT. SPANS 6-24 FT.	2-17-99	IWS-3	7017
BOX CULVERT DRAWINGS IBS CULVERTS MODIFIED FOR HIGH COVER WINGS WITH 3:1 SLOPE		IBSM-3W	7024
BOX CULVERT DRAWING IBS CULVERTS MODIFIED FOR HIGH COVER WINGS WITH 3:1 SLOPE		IBSM-3W	7025
BOX CULVERT DRAWING 45° SKEW DETAILS WINGS WITH 3:1 SLOPE SINGLE & DOUBLE CELL CULVERTS		ISK-45-3W	7062
BOX CULVERT DRAWING 45° SKEW DETAILS WINGS WITH 3:1 SLOPE SINGLE & DOUBLE CELL CULVERTS		ISK-45-3W	7063

CROSS SECTIONS (101)

OLD TAYLOR ROAD	9001-9031
RETAINING WALL	9032-9041
SOUTHWEST RAMP	9042-9047
SOUTHEAST RAMP	9048-9054
NORTHWEST RAMP	9055-9058
NORTHEAST RAMP	9059-9067
RAMP AT 34+84 OLD TAYLOR ROAD	9068-9069
FRONTAGE ROAD AT OLD TAYLOR ROAD	9070-9074
RAMP AT 37+12 OLD TAYLOR ROAD	9075-9076
EXISTING STATE ROUTE 6	9077-9095
WHIRLPOOL DETOUR	9096-9101

TOTAL SHEETS 359

RAYMOND KYLE EDSON LICENSED PROFESSIONAL ENGINEER 15139 STATE OF MISSISSIPPI
10-07-13

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Detail Index

Project No.: STP-0070-04(018)
County: Lafayette

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

WORKING NUMBER DI-3
SHEET NUMBER 4

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/13/2013 09:17:52 INDEX.DGN

STATE	PROJECT NO.
MISS.	STP-0070-04(018)

GENERAL NOTES

1. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
2. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
3. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
4. 20% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. 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.
6. ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES ARE TO BE PLUGGED WITH PLASTIC INSERTS AND BITUMINOUS SEALER TO THE SATISFACTION OF THE ENGINEER. THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
7. VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
8. UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF-WAY. 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.
9. 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 EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING 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 STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
10. SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS INCLUDED IN THE PLANS.
11. WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
12. 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)
13. FOR LIST OF PUBLIC UTILITIES, SEE WORKING SH. NO. 3.
14. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
15. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
16. THE COST OF ANY COLLARS REQUIRED TO CONNECT CONCRETE FLARED END SECTIONS TO NON-CONCRETE PIPE SECTIONS SHALL BE ABSORBED IN THE COST FOR NON-CONCRETE PIPE.
17. ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
18. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
19. REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS BID.
20. REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
21. 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.
22. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE 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. ANY ADDITIONAL SILT BASINS NOT SHOWN IN THE PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S EROSION CONTROL PLAN PRIOR TO SUBMITTING FOR APPROVAL.
23. THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
24. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
25. ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
26. ERECTION DATES ARE TO BE LEGIBLY WRITTEN ON THE BACK OF ALL SIGNS WITH A SANFORD MEANSTREAK WATERPROOF FORMULA PERMANENT MARKING STICK.
27. IF COLORS ARE USED ON PLAN/PROFILE SHEETS, THEY ARE INTENDED TO VISUALLY EASE THE LOCATION OF ELEMENTS FOR USERS OF THESE DRAWINGS. ALTHOUGH THE INTENT IS TO CATEGORIZE EVERYTHING AS EITHER EXISTING OR PROPOSED, IT IS THE END USER'S RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETED CORRECTLY REGARDLESS OF COLOR.
28. SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS.
29. PAVED APRON REQUIRED AROUND ALL MEDIAN INLETS PER STATE STANDARD PA-1 OR APPLICABLE MEDIAN INLET STANDARD UNLESS OTHERWISE NOTED.
30. ALL PAVEMENT MARKINGS SHALL BE PLACED AS SET FORTH BY THE INFORMATION SHOWN ON THE PAVEMENT MARKING SHEETS. CONTRACTOR WILL BE REQUIRED TO TEMPORARILY MARK PAVEMENT MARKINGS INSIDE THE ROUNDABOUT IN THE ENTRY AND EXIT LOCATIONS FOR APPROVAL BY THE ENGINEER PRIOR TO PLACING PERMANENT MARKINGS. ALL COST ASSOCIATED WITH STAKING OF PAVEMENT MARKINGS WILL BE COST ABSORBED IN OTHER BID ITEMS.
31. THE CONTRACTOR WILL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECTS IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
32. LOCATIONS SHOWN FOR PERMANENT EROSION CONTROL ITEMS ARE GRAPHICAL REPRESENTATIONS OF THE APPROXIMATE LOCATIONS OF EACH ITEM. CONTRACTOR WILL FIELD VERIFY AND CONSTRUCT THE REQUIRED IMPROVEMENTS AT THE PROPER LOCATION PER DESIGN REQUIREMENTS OR TO FIT ACTUAL FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
33. THE EXISTING AND PROPOSED ELEVATIONS SHOWN ON THE ROADWAY PLANS ARE APPROXIMATELY 2.45' ABOVE NAVD88. VERTICAL CONTROL AS SHOWN ON ROADWAY PLANS WILL BE USED FOR ALL ROADWAY CONSTRUCTION.
34. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING AND PROPOSED IMPROVEMENTS PRIOR TO BEGINNING CONSTRUCTION. SHOULD FIELD CONDITIONS DIFFER FROM LOCATIONS SHOWN ON THE PLANS, CONTRACTOR SHALL ALTER LOCATIONS OF PROPOSED CONSTRUCTION TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
35. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NO LONGER BE MAILED. ALL ADDENDA FOR THIS PROJECT WILL BE POSTED TO 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.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Old Taylor Road

Project No.: STP-0070-04(018)
County: Lafayette

FILENAME: GN-1.DGN
DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER GN-1

SHEET NUMBER 5

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
11/4/2013 08:43:17 GN-1.DGN