

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	STBG-2712-00(003)	1

**GENERAL INDEX**

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY	1
<input checked="" type="checkbox"/> PERMANENT SIGNS	1001
<input type="checkbox"/> TRAFFIC SIGNALS	2001
<input type="checkbox"/> ITS COMPONENTS	3001
<input type="checkbox"/> LIGHTING	4001
<input type="checkbox"/> (RESERVED)	5001
<input checked="" type="checkbox"/> ROADWAY STANDARD DWGS	6001
<input type="checkbox"/> BOX CULVERT STD. DRAWINGS (LRFD)	7001
<input type="checkbox"/> BOX CULVERT STD. DRAWINGS (STD. SPEC.)	7501
<input checked="" type="checkbox"/> BRIDGE	8001
<input checked="" type="checkbox"/> CROSS SECTIONS	9001

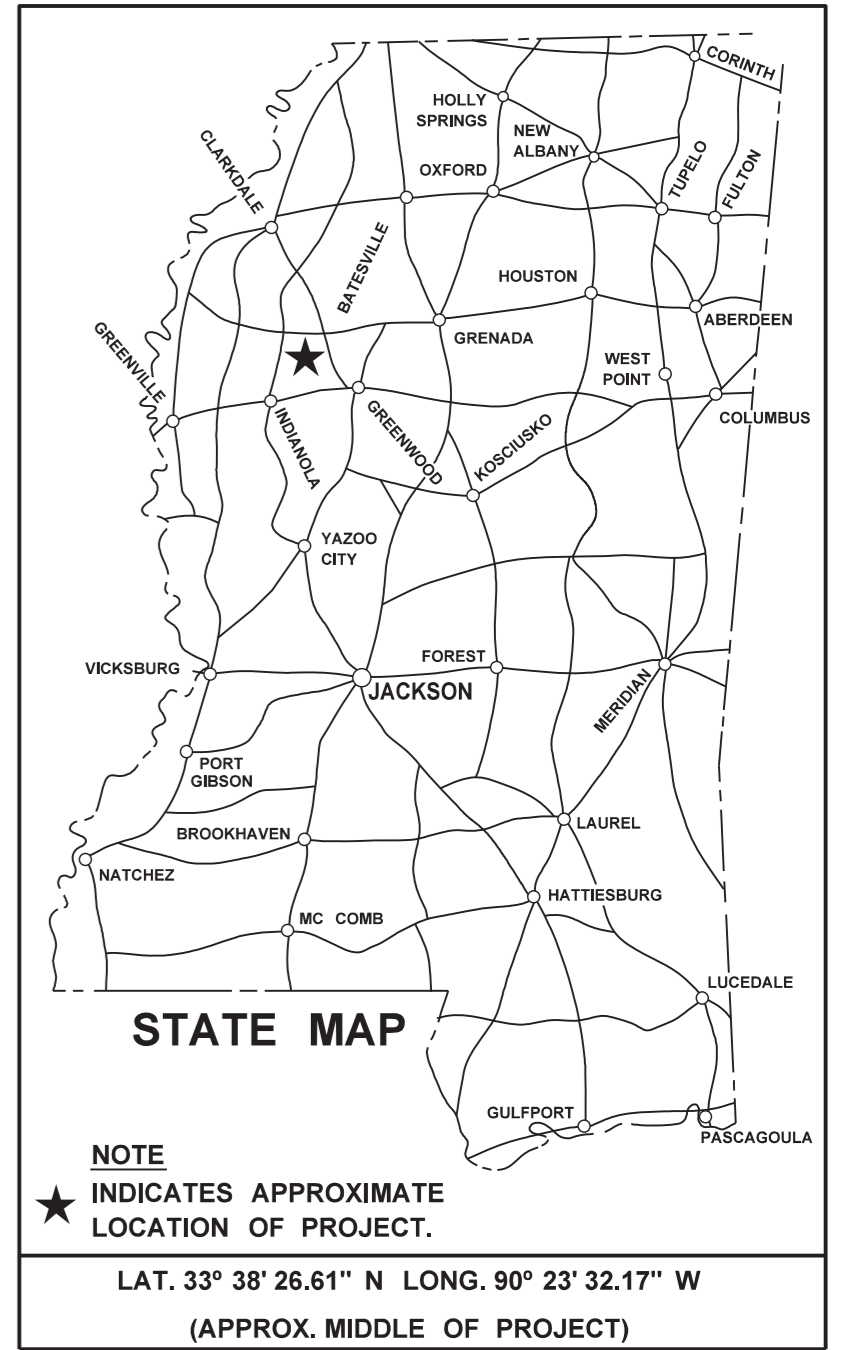
STATE OF MISSISSIPPI  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STBG-2712-00(003)**

**SR 442 BRIDGE REPLACEMENT (BR. NOS. 22.1, 22.5, 24.4, 25.3, & 27.7) LEFLORE COUNTY** **FMS. CONST. NO. 106101/301000**

**SCALES**

PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 0.50 MI.



**BRIDGE STRUCTURES REQ'D.**

BRIDGE NO. 22.1  
SR 442 @ PECAN BAYOU  
STA. 28 + 03.92 TO STA. 30 + 01.08  
SPANS: 1 @ 56'-1"; 1 @ 85'-0"; 1 @ 56'-1"  
SKEW: NORMAL TO CENTERLINE  
TOTAL LENGTH: 197'-2"

BRIDGE NO. 22.5  
SR 442 @ PECAN BAYOU  
STA. 49 + 57.92 TO STA. 51 + 55.08  
SPANS: 1 @ 56'-1"; 1 @ 85'-0"; 1 @ 56'-1"  
SKEW: NORMAL TO CENTERLINE  
TOTAL LENGTH: 197'-2"

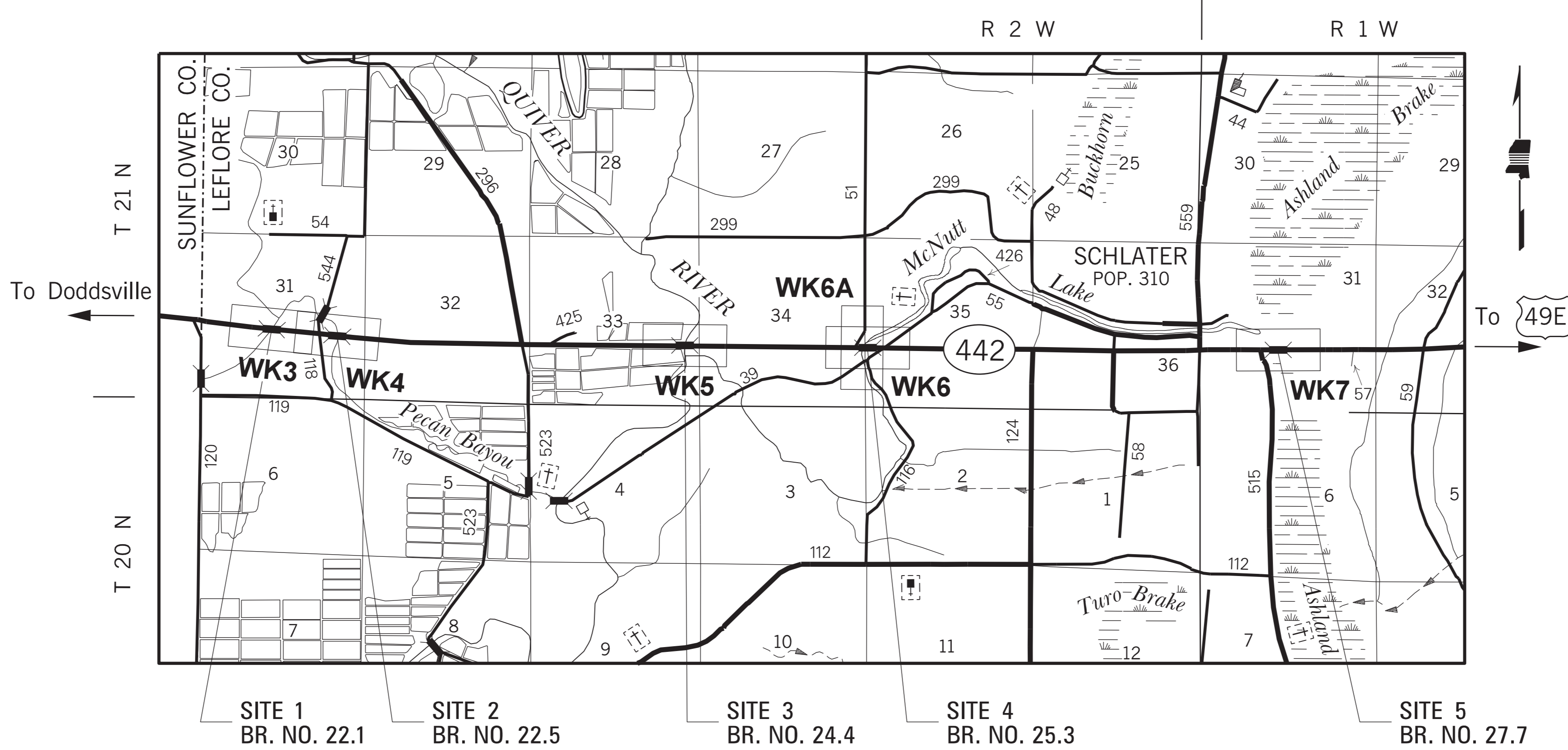
BRIDGE NO. 24.4  
SR 442 @ QUIVER RIVER  
STA. 158 + 47.92 TO STA. 161 + 45.08  
SPANS: 1 @ 81'-1"; 1 @ 115'-0"; 1 @ 101'-1"  
SKEW: NORMAL TO CENTERLINE  
TOTAL LENGTH: 297'-2"

BRIDGE NO. 25.3  
SR 442 @ MCNUTT LAKE  
STA. 214 + 38.92 TO STA. 216 + 81.08  
SPANS: 1 @ 61'-1"; 1 @ 120'-0"; 1 @ 61'-1"  
SKEW: NORMAL TO CENTERLINE  
TOTAL LENGTH: 242'-2"

BRIDGE NO. 27.7  
SR 442 @ ASHLAND BRAKE  
STA. 343 + 51.92 TO STA. 344 + 54.08  
SPANS: 1 @ 102'-2"  
SKEW: NORMAL TO CENTERLINE  
TOTAL LENGTH: 102'-2"

**BOX BRIDGE STRUCTURES REQ'D.**

NONE



**EQUATIONS**

STA. 161 + 49.543 BK = STA. 161 + 54.340 AH = -4.797 FT.

**EXCEPTIONS**

NONE

**DESIGN CONTROL**

55 MPH = V (SPEED DESIGN)

ADT (2024) = 1,030 ; ADT (2044) = 1,390  
DHV = 150 ; D = 60 % T = 11 %

**PERMITS ACQUIRED BY MDOT**

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

	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL*	<input type="checkbox"/>	<input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>

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

**STORMWATER PERMIT**

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

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

P S & E DATE: 11/10/2021

APPROVED: \_\_\_\_\_  
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER  
EXECUTIVE DIRECTOR



11/10/2021 10:09 AM TT TLE.DGN

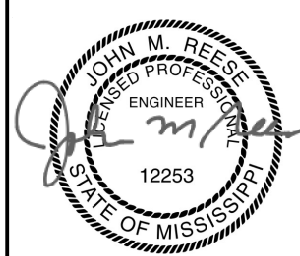


1st O.REV.

STATE	PROJECT NO.
MISS.	STBG-2712-00(003)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
<u>TITLE SHEET, DETAILED INDEX, AND GENERAL NOTES - (5)</u>			<u>SPECIAL DESIGN SHEETS - (CONT.)</u>		
TITLE SHEET	-	1	EROSION CONTROL PLAN - SR 442 - BR. NO. 25.3 - SITE 4	ECP-6	50
DETAILED INDEX	DI-1	2	EROSION CONTROL PLAN - CR 51 - BR. NO. 25.3 - SITE 4	ECP-6A	51
DETAILED INDEX	DI-2	3	RIPARIAN BUFFER - SR 442 ACROSS MCNUTT LAKE - BR. NO. 25.3 - SITE 4	ECP-RB-6	52
GENERAL NOTES	GN-1	4	EROSION CONTROL PLAN - SR 442 - BR. NO. 27.7 - SITE 5	ECP-7	53
GENERAL NOTES	GN-2	5	RIPARIAN BUFFER - SR 442 ACROSS ASHLAND BRAKE - BR. NO. 27.7 - SITE 5	ECP-RB-7	54
<u>TYPICAL SECTIONS - (5)</u>			<u>VEGETATION SCHEDULE</u>		
TYPICAL SECTIONS - SR 442 WIDENING & OVERLAY & NEW CONSTRUCTION	TS-1	6	BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)	SDBE-1	56
TYPICAL SECTIONS - SR 442 NEW CONSTRUCTION WITH UNDERCUT & SITE 5 RIPRAP	TS-2	7	BRIDGE END PAVEMENT RAIL (37.5" RAIL HEIGHT)	SDBER-1	57
TYPICAL SECTIONS - MINOR LOCAL ROAD & NON-CHANNELIZED RURAL INTERSECTION	TS-3	8	SIGN SUPPORT HARDWARE - 2.5" SQUARE POST	TSS-1	58
TYPICAL SECTIONS - SR 442 BRIDGE END SHOULDER DETAIL	TS-4	9	SIGN SUPPORT HARDWARE - 2.0" SQUARE POST	TSS-2	59
TYPICAL SECTIONS - SR 442 BRIDGE END PAVEMENT DETAIL	TS-5	10	<u>PERMANENT SIGNING PLANS - (2)</u>		
<u>QUANTITY SHEETS - (11)</u>			<u>STANDARD DRAWINGS - ROADWAY DESIGN SHEETS (2017) - (65)</u>		
SUMMARY OF QUANTITIES	SQ-1	11	PERMANENT SIGNING PLAN - SR 442 & CR 51 - SITE 4	PSP-1	1001
SUMMARY OF QUANTITIES	SQ-2	12	PERMANENT SIGNING PLAN - SR 442 - SITE 5	PSP-2	1002
SUMMARY OF QUANTITIES	SQ-3	13	<u>PAVEMENT MARKING DETAILS FOR 2-LANE &amp; 4-LANE DIVIDED ROADWAYS</u>		
ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-1	14	2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (2-LANE)	PM-1	6051
ESTIMATED QUANTITIES - EARTHWORK, GUARDRAIL, & CURB & GUTTER	EQ-2	15	RUMBLE STRIPES 2-LANE HIGHWAYS (ASPHALT LANES, 2-FT ASPHALT SHOULDERS)	PM-11	6061
ESTIMATED QUANTITIES - PAVEMENT MARKINGS & BRIDGE END PAVEMENT	EQ-3	16	TYPICAL TEMPORARY EROSION CONTROL / SEDIMENT CONTROL APPLICATIONS	RS-1	6064
ESTIMATED QUANTITIES - EROSION CONTROL, FLUMES, AND PIPES	EQ-4	17	DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-1	6101
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	EQ-5	18	DETAILS OF SILT FENCE INSTALLATION	ECD-2	6102
ESTIMATED QUANTITIES - PERMANENT SIGN ASSEMBLIES, DRIVEWAYS, & SIDE DRAINS	EQ-6	19	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-3	6103
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS	EQ-7	20	TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS)	ECD-4	6104
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-8	21	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-5	6105
<u>RIGHT-OF-WAY &amp; EASEMENT COORDINATE SHEET (1)</u>			DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK		
<u>RIGHT-OF-WAY &amp; EASEMENT COORDINATES</u>			ROCK DITCH CHECK		
<u>PLAN &amp; PROFILE SHEETS - (6)</u>			ROCK FILTER DAM		
SR 442 - BR. NO. 22.1 - SITE 1	3	23	ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	6110
SR 442 - BR. NO. 22.5 - SITE 2	4	24	TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
SR 442 - BR. NO. 24.4 - SITE 3	5	25	INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS	ECD-12	6112
SR 442 - BR. NO. 25.3 - SITE 4	6	26	INLET PROTECTION DETAILS OF WATTLES	ECD-13	6113
CR 51 - BR. NO. 25.3 - SITE 4	6A	27	INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	6114
SR 442 - BR. NO. 27.7 - SITE 5	7	28	INLET PROTECTION DETAILS OF SANDBAGS	ECD-15	6115
<u>SPECIAL DESIGN SHEETS - (31)</u>			STABILIZED CONSTRUCTION ENTRANCE		
<u>CONSTRUCTION SIGNING</u>			TEMPORARY CULVERT STREAM CROSSING		
<u>TRAFFIC CONTROL PLAN - DETOUR PLAN</u>			TEMPORARY STREAM DIVERSION		
TRAFFIC CONTROL PLAN - SR 442 - SITE 1 - PHASE 1 & 2			TEMPORARY STREAM DIVERSION (BOX EXTENSION)		
TRAFFIC CONTROL PLAN - SR 442 - SITE 2 - PHASE 1 & 2			FLOATING TURBIDITY CURTAIN		
TRAFFIC CONTROL PLAN - SR 442 - SITE 3 - PHASE 1 & 2			DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK		
TRAFFIC CONTROL PLAN - SR 442 & CR 51 - SITE 4 - PHASE 1A			SEDIMENT RETENTION BARRIER		
TRAFFIC CONTROL PLAN - SR 442 & CR 51 - SITE 4 - PHASE 1B			DETAILS OF TYPICAL DITCH TREATMENTS		
TRAFFIC CONTROL PLAN - SR 442 & CR 51 - SITE 4 - PHASE 2			DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT		
TRAFFIC CONTROL PLAN - SR 442 - SITE 5 - PHASE 1 & 2			SUPER SILT FENCE		
PAVEMENT MARKING - SR 442 - SITE 1			EROSION CONTROL BLANKET		
PAVEMENT MARKING - SR 442 - SITE 2			GUARDRAIL: "W" BEAM (WOOD POSTS)		
PAVEMENT MARKING - SR 442 - SITE 3			GUARDRAIL: THRIE BEAM (WOOD POSTS)		
PAVEMENT MARKING - SR 442 & CR 51 - SITE 4			GUARDRAIL: "W" BEAM (STEEL POSTS)		
PAVEMENT MARKING - SR 442 - SITE 5			GUARDRAIL: BRIDGE END SECTION-TYPE I (WOOD POSTS) (NEW CONSTRUCTION)		
INTERSECTION DETAIL - CR 51 - SITE 4			GUARDRAIL: BRIDGE END SECTION-TYPE I (STEEL POSTS) (NEW CONSTRUCTION)		
EROSION CONTROL PLAN - SR 442 - BR. NO. 22.1 - SITE 1			GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY		
RIPARIAN BUFFER - SR 442 ACROSS PECAN BAYOU - BR. NO. 22.1 - SITE 1			GUARDRAIL: RUB RAIL HARDWARE		
EROSION CONTROL PLAN - SR 442 - BR. NO. 22.5 - SITE 2			GUARDRAIL: MISCELLANEOUS HARDWARE		
RIPARIAN BUFFER - SR 442 ACROSS PECAN BAYOU - BR. NO. 22.5 - SITE 2					
EROSION CONTROL PLAN - SR 442 - BR. NO. 24.4 - SITE 3					
RIPARIAN BUFFER - SR 442 ACROSS QUIVER RIVER - BR. NO. 24.4 - SITE 3					

FISHER & ARNOLD, INC.		
PS & E PLANS - 11/10/2021		
FMS CON. # 106101/301000		
REVISIONS		
DATE	SHEET NO.	BY
08/22/2022	2,6,7,11,12,13,17,28,53,64,	
	9048,9049,9051,9052,9053	
	& 9054	JMR

REVISION DATE DESCRIPTION BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
	DETAILED INDEX 	
PROJ. NO.: STBG-2712-00(003) COUNTY: LEFLORE		WORKING NUMBER DI-1
FILENAME: DI.DGN DESIGN TEAM: FA CHECKED: _____ DATE: _____		SHEET NUMBER 2

8/22/2022 2:31 PM DI.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

STATE	PROJECT NO.
MISS.	STBG-2712-00(003)

**DESCRIPTION OF SHEET**

**WKG. NO. SH. NO.**

STANDARD DRAWINGS - ROADWAY DESIGN SHEETS (2017) - (CON'T.)

STANDARD ROADSIDE SIGNS	SN-3	6303
STANDARD ROADSIDE SIGNS	SN-3A	6304
STANDARD ROADSIDE SIGNS	SN-3B	6305
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4	6306
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4A	6307
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4B	6308
BREAKAWAY SIGN SUPPORTS	SN-6A	6311
BREAKAWAY SIGN SUPPORTS	SN-6B	6312
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	SN-8	6314
TYPICAL GUARDRAIL DELINEATION	SN-8C	6317
SIGNING DETAILS FOR BRIDGE APPROACHES	SN-9	6318
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-9	6359
TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS	TCP-12	6362
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-13	6363
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-16	6366
RIGHT-OF-WAY MARKER	RW-1	6401
RURAL DRIVEWAYS	RD-1	6403
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS	GT-1	6404
SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V <= 45 MPH)	SE-1	6407
SUPERELEVATION CASE 1 ROTATION ABOUT CENTERLINE	SE-2A	6408
SUPERELEVATION RUNOFF CASE 1 ROTATION ABOUT CENTERLINE	SE-3A	6413
DRIVEWAYS, CURB & GUTTER, & SIDEWALK	SD-1	6419
MISCELLANEOUS DETAIL SHEET, 1. STACKED PIPE JOINTS, 2. EXCAVATION AT GRADE POINTS	MDS-1	6425
DETAILS OF PAVED FLUMES	PF-1	6426
PIPE CULVERT INSTALLATION	PI-1	6501
FLEXIBLE PIPE CULVERT INSTALLATION	PI-2	6502
FLARED END SECTION FOR CONCRETE PIPE	FE-1	6530


CROSS SECTIONS - (54)

MAINLINE (SR 442) - SITE 1 - STA. 23+85 TO STA. 34+15	9001-9009
MAINLINE (SR 442) - SITE 2 - STA. 45+45 TO STA. 55+75	9010-9018
MAINLINE (SR 442) - SITE 3 - STA. 154+30 TO STA. 165+65	9019-9028
MAINLINE (SR 442) - SITE 4 - STA. 208+75 TO STA. 221+00	9029-9038
LOCAL ROAD (CR 51) - SITE 4 - STA. 10+14 TO STA. 19+50	9039-9045
MAINLINE (SR 442) - SITE 5 - STA. 341+40 TO STA. 349+00	9046-9054

TOTAL SHEETS (EXCLUDING BRIDGE SHEETS) - 180  
(SEE SHEET 8001 FOR BRIDGE SHEETS)

PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/10/2021 10:09 AM DI.DGN

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION <b>DETAILED INDEX</b>	
			
		PROJ. NO.: STBG-2712-00(003) COUNTY: LEFLORE	
		WORKING NUMBER <b>DI-2</b>	
		SHEET NUMBER <b>3</b>	
DATE	DESIGN TEAM	FA	CHECKED DATE
REVISION	BY		



STATE	PROJECT NO.
MISS.	STBG-2712-00(003)

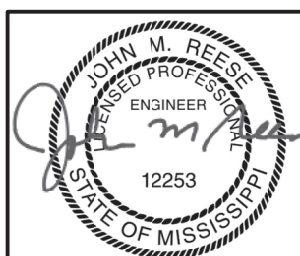
# GENERAL NOTES

- 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 TEMPORARY 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 25% 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 THE TOP THREE FEET AND VARIABLE OF THE DESIGN SOILS (BOTH NATURAL AND EMBANKMENT) SHALL BE CONSTRUCTED OF SOIL CLASSIFIED AS B9 OR BETTER, PER AASHTO DESIGNATION: M 145-91, EXCEPT AT UNDERCUT LOCATIONS DESIGNATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER TO RECEIVE CLASS B9-6 BORROW EXCAVATION. EXTREME CARE SHALL BE EXERCISED IN UNDERCUT AREAS. FOR ADDITIONAL DETAILS THE CONTRACTOR IS REFERRED TO THE NOTICE TO BIDDERS ON DESIGN SOIL MATERIAL IN THE CONTRACT PROPOSAL DOCUMENT.
- ⑦ ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED AND COVERED WITH PLASTIC INSERTS, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- ⑧ 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, THE COST OF WHICH WILL BE ABSORBED IN OTHER ITEMS BID.
- ⑨ 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.
- ⑩ 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.
- ⑪ 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.
- ⑫ WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)

# GENERAL NOTES (CONT.)

- ⑬ FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
- ⑭ 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.
- ⑮ 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.
- ⑯ VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- ⑰ ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- ⑱ THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- 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 PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 6" TOPSOIL IS TO BE STRIPPED AND STOCKPILED. AFTER THE GRADING OPERATIONS ARE COMPLETED, SAID TOPSOIL SHALL BE PLACED ON ALL AREAS THAT ARE NOT TO BE PAVED OR OTHERWISE PROTECTED, IN ACCORDANCE WITH SECTION 211 OF THE SPECIFICATIONS, OR THE VEGETATION SCHEDULE (SEE WK. SH. VS-1). EXISTING TOPSOIL AND ALL COSTS ASSOCIATED WITH STRIPPING, HAULING, STOCKPILING, AND PLACEMENT OF THE EXISTING TOPSOIL IS TO BE ABSORBED IN OTHER EARTHWORK ITEMS.
- ㉔ FOR CLEARING LIMITS ADJACENT TO THE STREAMS AT STATION(S) 29+01, 50+56, 159+95, 215+61, & 344+00, SEE WORKING SHEETS NUMBERS ECP-RB-3, ECP-RB-4, ECP-RB-5, ECP-RB-6, & ECP-RB-7. THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION									
<b>GENERAL NOTES</b>									
<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>REVISION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	BY	REVISION					PROJ. NO.: STBG-2712-00(003) COUNTY: LEFLORE FILENAME: GN.DGN DESIGN TEAM: FA      CHECKED:      DATE:
NO.	DATE	BY	REVISION						
									
11-10-21 WORKING NUMBER <b>GN-1</b> SHEET NUMBER <b>4</b>									



STATE	PROJECT NO.
MISS.	STBG-2712-00(003)


# GENERAL NOTES (CONT.)

- 25 THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- 26 TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- 27 ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- 28 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.
- 29 SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- 30 ALL ADDENDA TO THESE PLANS WILL BE POSTED TO WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NOT BE MAILED. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.
- 31 THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- 32 THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- 33 STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES WITHOUT WRITTEN APPROVAL FROM THE PROJECT ENGINEER. SEE NOTICE TO BIDDERS ENTITLED "MATERIAL STORAGE UNDER BRIDGES" FOR MORE INFORMATION.
- 34 INSTALLATION DATES SHALL BE CLEARLY WRITTEN IN BOLD BLACK MARKINGS ON THE BACK BOTTOM HALF OF ALL SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT, AND MARKS ON WET OR DRY SURFACES.
- 35 ALL POST, PIPE, AND I-BEAM LENGTHS IN THESE PLANS ARE ESTIMATES. POST LENGTHS FOR ALL SIGNS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- 36 ALL EXISTING SIGNS WHICH ARE TO BE REMOVED AS A PART OF THIS PROJECT THAT ARE NOT IN CONFLICT WITH CONSTRUCTION SHALL REMAIN IN PLACE UNTIL NEW SIGNS ARE INSTALLED UNLESS NOTED OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- 37 DIRECT-APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM MDOT'S PROJECT ENGINEER.
- 38 ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 39 ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.

# GENERAL NOTES (CONT.)

- 40 THE RETROREFLECTIVE SIGN SHEETING ON PERMANENT GROUND-MOUNTED SIGNS SHALL BE AS FOLLOWS: BROWN BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE VIII; GREEN AND BLUE BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE IX; ALL WHITE, YELLOW, FLUORESCENT YELLOW AND FLUORESCENT YELLOW/GREEN SHEETING SHALL BE TYPE XI. ALL SIGN SHEETING ON OVERHEAD SIGNS SHALL BE TYPE XI.
- 41 THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- 42 ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- 43 ALL SIDE ROAD, STOP SIGN MOUNTED STREET NAME SIGNS TO BE SALVAGED AND STORED AT THE DIRECTION OF THE PROJECT ENGINEER FOR DELIVERY TO THE CITY (NOT A SEPARATE PAY ITEM).
- 44 THE CONTRACTOR SHALL COORDINATE AND CONDUCT WORK AT LOCAL ROADS AND DRIVEWAYS IN A MANNER SUCH THAT ACCESS IS NOT INTERRUPTED UNNECESSARILY. ACCESS SHALL BE PRESERVED IN THE BEST MANNER POSSIBLE. COORDINATION AND COMMUNICATION WITH LANDOWNERS MAY BE NECESSARY TO PREVENT INTERRUPTION OF DRIVEWAY ACCESS.
- 45 TEMPORARY PAVEMENT JOINTS (PAPER JOINTS) SHALL BE EMPLOYED AT ALL LOCATIONS REQUIRING TRAFFIC TO TRAVERSE AN UNEVEN PAVEMENT JOINT. PAPER JOINTS SHALL BE A MINIMUM OF 3 FEET PER INCH IN LENGTH AND SHALL BE ADEQUATELY MAINTAINED.
- 46 ALL PAVEMENT MARKING SHALL BE FIELD LOCATED BY THE ENGINEER AND THE CONTRACTOR AT THE NEAREST PRACTICAL LOCATION INDICATED ON THE PLAN SHEETS.
- 47 ALL PROPOSED PAVEMENT MARKINGS (TEMPORARY OR PERMANENT), GUARDRAIL, AND PERMANENT SIGNING SHALL BE INSTALLED BEFORE OPENING THE NEW FACILITY TO TRAFFIC, UNLESS DIRECTED AND SPECIFICALLY APPROVED OTHERWISE BY THE ENGINEER.
- 48 DOUBLE DROP THERMOPLASTIC WILL BE USED ON ALL BRIDGE DECKS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT PREFORMED JOINT MATERIAL. ANY DAMAGE CAUSED BY THE THERMOPLASTIC WILL BE REPAIRED AT NO COST TO THE STATE.

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		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		<b>GENERAL NOTES</b>	
			
		PROJ. NO.: STBG-2712-00(003) COUNTY: LEFLORE	
		WORKING NUMBER <b>GN-2</b>	
		SHEET NUMBER <b>5</b>	
REVISION	BY	DATE	FILENAME: GN.DGN
			DESIGN TEAM FA CHECKED DATE