

1st O.REV.

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	BR-0070-04(025)	1

**GENERAL INDEX**

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY .....	1
<input 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 type="checkbox"/> 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 FEDERAL AID PROJECT NO. BR-0070-04(025)**

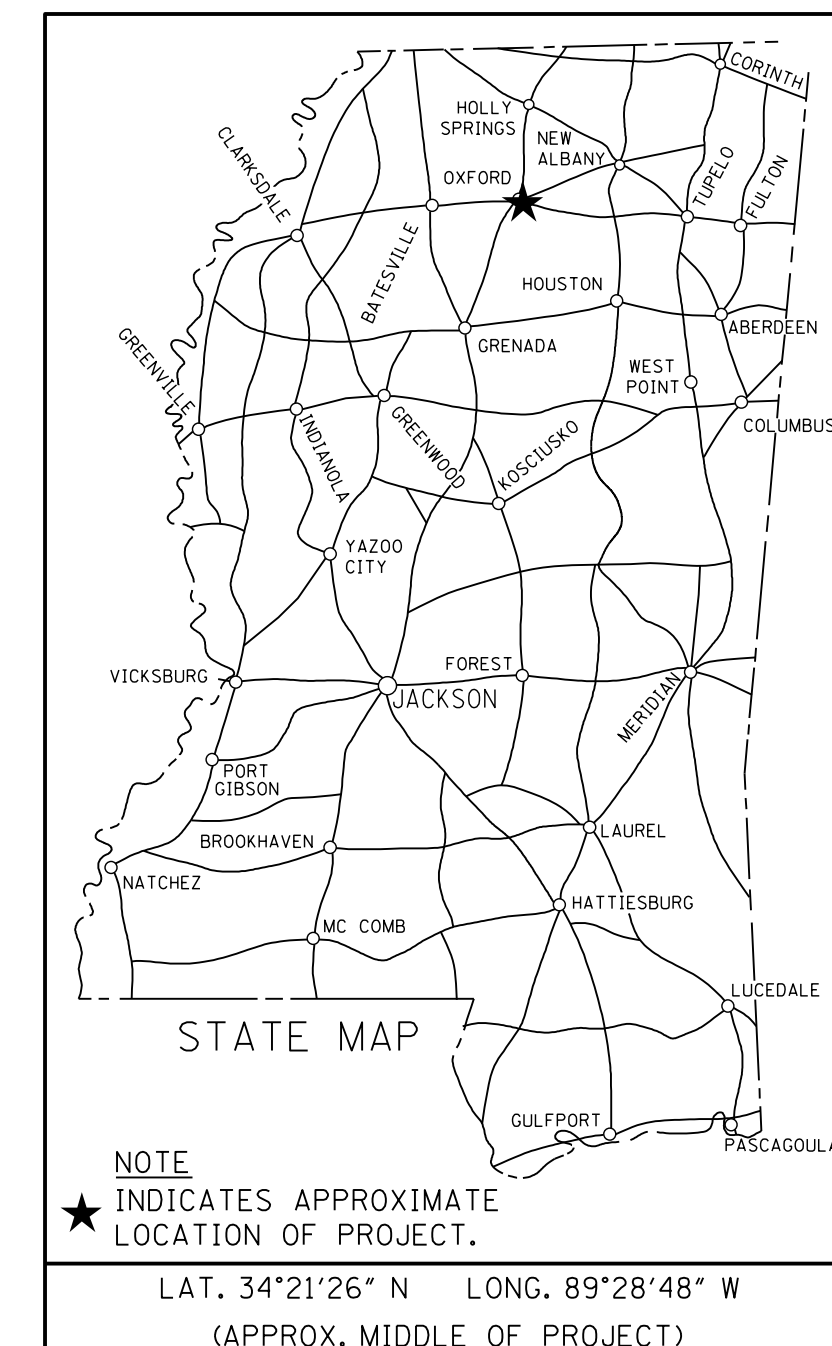
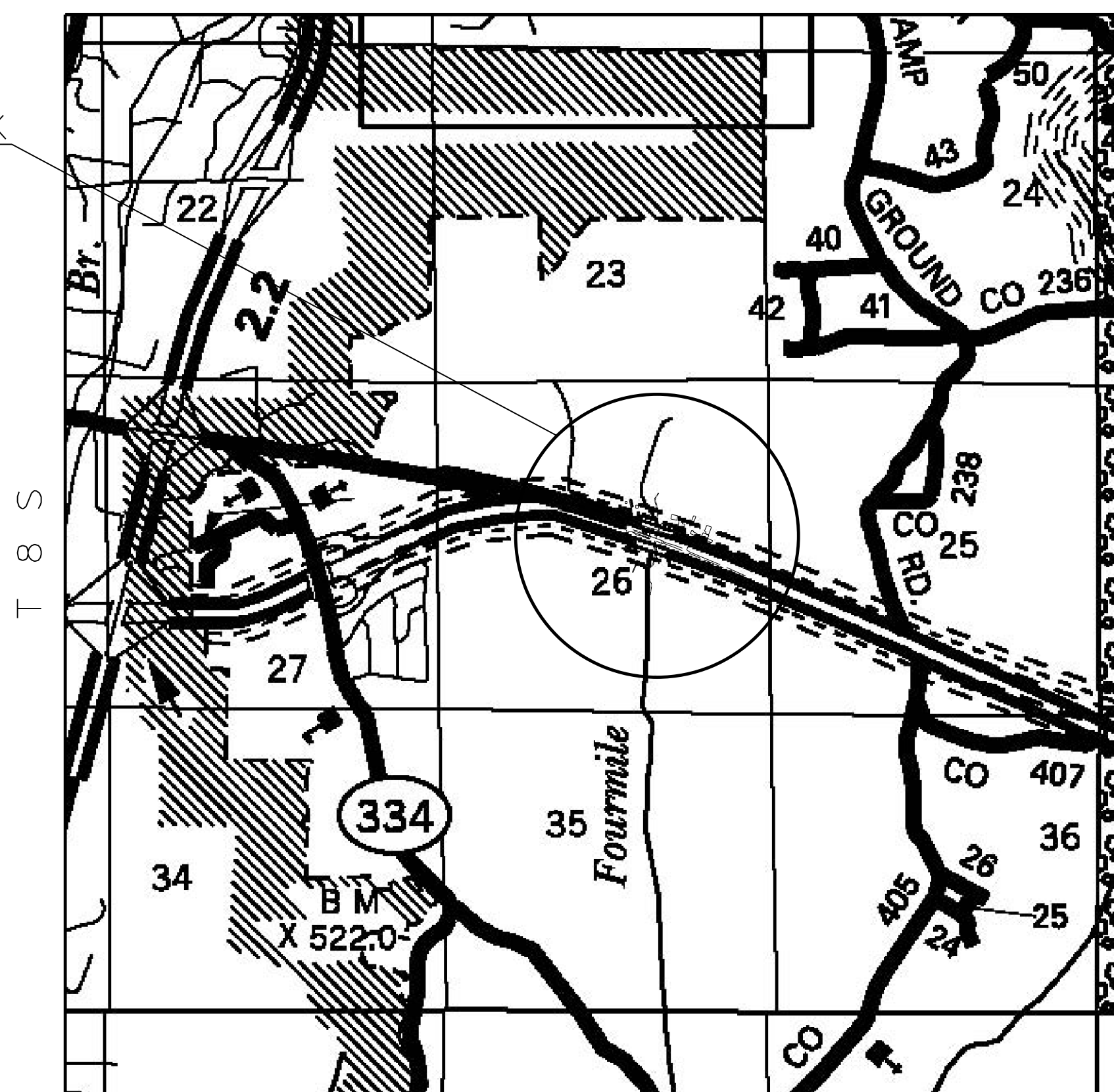
**U.S. 278 OVER FOURMILE CREEK BRIDGE NOS. 78.9A & 78.9B LAFAYETTE COUNTY**

FMS. CONST. NO. 107639-301000

**SCALES**

PLAN	1 IN. = 100 FT.
PROFILE {	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 2000 FT.

△ FOUR MILE CREEK BRIDGE NO. 78.9A & NO. 78.9B



NOTE  
★ INDICATES APPROXIMATE LOCATION OF PROJECT.  
LAT. 34°21'26\"/>

**DESIGN CONTROL**

65 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	<input type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL*	<input type="checkbox"/>	<input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>

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: \_\_\_\_\_

**EQUATIONS**

NONE

**EXCEPTIONS**

NONE

**LENGTH DATA**

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

**CONVENTIONAL SYMBOLS**

- COUNTY LINE .....
- TOWN CORPORATION LINE .....
- SECTION LINE .....
- EXISTING ROAD OR TRAVELED WAY - - - - -
- PROPOSED ROAD OR TRAVELED WAY \_\_\_\_\_
- RAILROAD .....
- SURVEY LINE .....
- BRIDGES .....

P S & E DATE: 06-13-2018

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



7/23/2018 1:04:52 AM TLE-SH4.DGN TITLE DIVISION ROADWAY BRIDGE MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1st O.REV.

STATE	PROJECT NO.
MISS.	BR-0070-04(025)

DESCRIPTION OF SHEET

REVISION DATE WKG. NO. SH. NO.

ROADWAY (16)			
TITLE SHEET (1)			1
DETAILED INDEX & GENERAL NOTES (2)			
DETAILED INDEX	DI-1		2
GENERAL NOTES	GN-1		3
TYPICAL SECTIONS (1)			
TYPICAL SECTION	TS-1		4
QUANTITY SHEETS (4)			
SUMMARY OF QUANTITIES	SQ-1		5
SUMMARY OF QUANTITIES	SQ-2		6
ESTIMATED QUANTITIES	EQ-1		7
ESTIMATED QUANTITIES-TRAFFIC CONTROL SIGNS	EQ-2		8
PLAN SHEETS (1)			
PLAN SHEET		3	9
SPECIAL DESIGN SHEETS (7)			
CONSTRUCTION SIGNING	CS-1		10
TRAFFIC CONTROL PHASE 1	TC-1		11
TRAFFIC CONTROL PHASE 2	TC-2		12
PAVEMENT MARKING DETAILS	PMD-1		13
EROSION CONTROL PLAN	ECP-1		14
MODIFIED BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)	BE-1		15
VEGETATION SCHEDULE	VS-1		16
ROADWAY STANDARD DRAWINGS (49)			
PAVEMENT MARKINGS (1)			
PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED HIGHWAYS	PM-1		6051
EROSION CONTROL (21)			
TYPICAL TEMPORARY EROSION CONTROL/SEDIMENT CONTROL APPLICATIONS	ECD-1		6101
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2		6102
DETAILS OF SILT FENCE INSTALLATION	ECD-3		6103
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS, AND DETAILS	ECD-4		6104
TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS)	ECD-5		6105
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6		6106
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7		6107
ROCK DITCH CHECK	ECD-8		6108
ROCK FILTER DAM	ECD-9		6109
ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10		6110
TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11		6111
INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS	ECD-12		6112
INLET PROTECTION DETAILS OF WATTLES	ECD-13		6113
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14		6114
INLET PROTECTION DETAILS OF SANDBAGS	ECD-15		6115
STABILIZED CONSTRUCTION ENTRANCE	ECD-16		6116
TEMPORARY STREAM DIVERSION	ECD-18		6118
TEMPORARY STREAM DIVERSION (BOX EXTENSION)	ECD-19		6119
FLOATING TURBIDITY CURTAIN	ECD-20		6120
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21		6121
SEDIMENT RETENTION BARRIER	ECD-22		6122

DESCRIPTION OF SHEET

REVISION DATE WKG. NO. SH. NO.

ROADWAY STANDARD DRAWINGS (CONTINUED) (49)			
PROTECTIVE BARRIERS (7)			
GUARDRAIL: "W" BEAM (WOOD POSTS)	GR-1		6201
GUARDRAIL: "W" BEAM (STEEL POSTS)	GR-1B		6203
GUARDRAIL: BRIDGE END SECTION-TYPE I (WOOD POSTS) (NEW CONSTRUCTION)	GR-2F		6210
GUARDRAIL: BRIDGE END SECTION-TYPE I (STEEL POSTS) (NEW CONSTRUCTION)	GR-2G		6211
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	GR-4		6214
GUARDRAIL: MISCELLANEOUS HARDWARE	GR-HW		6221
CONCRETE MEDIAN BARRIER (PRECAST) (32")	CMB-3		6226
SIGNING (11)			
STANDARD ROADSIDE SIGNS	SN-3		6303
STANDARD ROADSIDE SIGNS	SN-3A		6304
STANDARD ROADSIDE SIGNS	SN-3B		6305
STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION	SN-4		6306
STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION	SN-4A		6307
STANDARD ROADSIDE SIGNS 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 INSTALLATION	SN-8C		6317
SIGNING DETAILS FOR BRIDGE APPROACHES	SN-9		6318
TRAFFIC CONTROL PLANS (8)			
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)	TCP-4		6354
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)	TCP-5		6355
SHORT DURATION CLOSING OF DIVIDED HIGHWAYS	TCP-7		6357
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8		6358
TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSSOVER (WORK DAY ONLY)	TCP-11		6361
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-13		6363
LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)	TCP-15		6365
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-16		6366
MISCELLANEOUS ROADWAY DETAILS (1)			
DETAILS OF PAVED FLUMES	PF-1		6426
TOTAL SHEETS (65) (NOT INCLUDING BRIDGE SHEETS)			

7/23/2018 1:04:52 AM DI\_SH.DGN

GARVER, LLC		
PS & E PLANS - 06-13-2018		
FMS CON. # 107639/301000		
REVISIONS		
DATE	SHEET NO.	BY
07/17/18	2	TWB
07/19/18	1,4,5,6,8,15	TWB

	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
	DETAILED INDEX	
	COUNTY: LAFAYETTE	
	PROJ. NO.: BR-0070-04(025)	
	WORKING NUMBER	
	DI-1	
	SHEET NUMBER	
	2	

STATE	PROJECT NO.
MISS.	BR-0070-04(025)

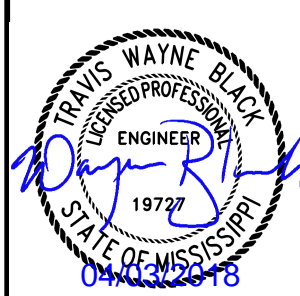
GENERAL NOTES

- (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) 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.
- (5) 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.
- (6) 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.
- (7) 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.
- (8) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- (9) 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.
- (10) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (11) 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.
- (12) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (13) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (14) 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.
- (15) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.

GENERAL NOTES (CONT.)

- (16) ALL ADDENDA TO THESE PLANS WILL BE POSTED TO [WWW.MDOT.MS.GOV](http://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.
- (17) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
- (18) 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.
- (19) THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- (20) 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.
- (21) 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.
- (22) AFTER THE PERMANENT SIGNS HAVE BEEN INSTALLED, THE CONTRACTOR SHALL SUBMIT TO THE PROJECT ENGINEER A DIGITAL COPY OF A MICROSOFT EXCEL SPREADSHEET WITH THE FOLLOWING INVENTORY DATA CAPTURED FOR EACH SIGN: LOCATION OF SIGN (LATITUDE-LONGITUDE GPS COORDINATES), MUTCD SIGN CODE, SIZE, BACKGROUND AND LEGEND COLORS, SUPPORT TYPE (POST, PIPE, SQUARE POST, OR I-BEAM), NUMBER OF SUPPORTS, DATE OF INSTALLATION, SIGN FACE DIRECTION, ROUTE NAME OR NUMBER, DIRECTION OF VEHICLE TRAVEL, AND LEGEND ON SIGN IF APPLICABLE. EACH SIGN SHALL BE ASSIGNED A UNIQUE ID NUMBER AND A DIGITAL PHOTO OF EACH SIGN SHALL BE SUBMITTED IN BITMAP FORMAT. THE PHOTO FILENAME SHALL CORRESPOND WITH THE UNIQUE ID NUMBER.
- (23) PRIOR TO SHOULDER PAVEMENT WIDENING ON THE EXIT SIDE OF BOTH BRIDGES AS PER TC-1 AND TC-2, EXISTING SHOULDER GRANULAR SHOULD BE STRIPPED AND STOCKPILED FOR REUSE IN THESE SECTIONS. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (24) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (25) ALL COSTS ASSOCIATED WITH THE REMOVAL AND DISPOSAL OF EXISTING BRIDGE END PAVEMENT AT EACH END OF BOTH THE LEFT AND RIGHT LANE BRIDGES SHALL BE INCLUDED UNDER REMOVAL OF BRIDGE END PAVEMENT.
- (26) ALL COSTS ASSOCIATED WITH THE CONSTRUCTION AND INSTALLATION OF THE NEW BRIDGE END PAVEMENTS AT EACH END OF BOTH THE LEFT AND RIGHT LANE BRIDGES SHALL BE INCLUDED UNDER REINFORCED CEMENT CONCRETE BRIDGE END PAVEMENT.
- (27) DOUBLE DROP THERMOPLASTIC STRIPE WILL BE USED ON ALL BRIDGE DECKS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT THE PREFORMED JOINT MATERIAL. ANY DAMAGE CAUSED BY THE THERMOPLASTIC WILL BE REPAIRED AT NO COST TO THE STATE.

3/30/2018 9:22 AM GN-SH.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
<b>GENERAL NOTES</b>	
COUNTY: LAFAYETTE	
PROJ. NO.: BR-0070-04(025)	
FILENAME: GN_SH.DGN	WORKING NUMBER GN-1
DESIGN TEAM: GARVER CHECKED: TWB DATE: MAR 2018	SHEET NUMBER 3