

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP-9999-07(375)

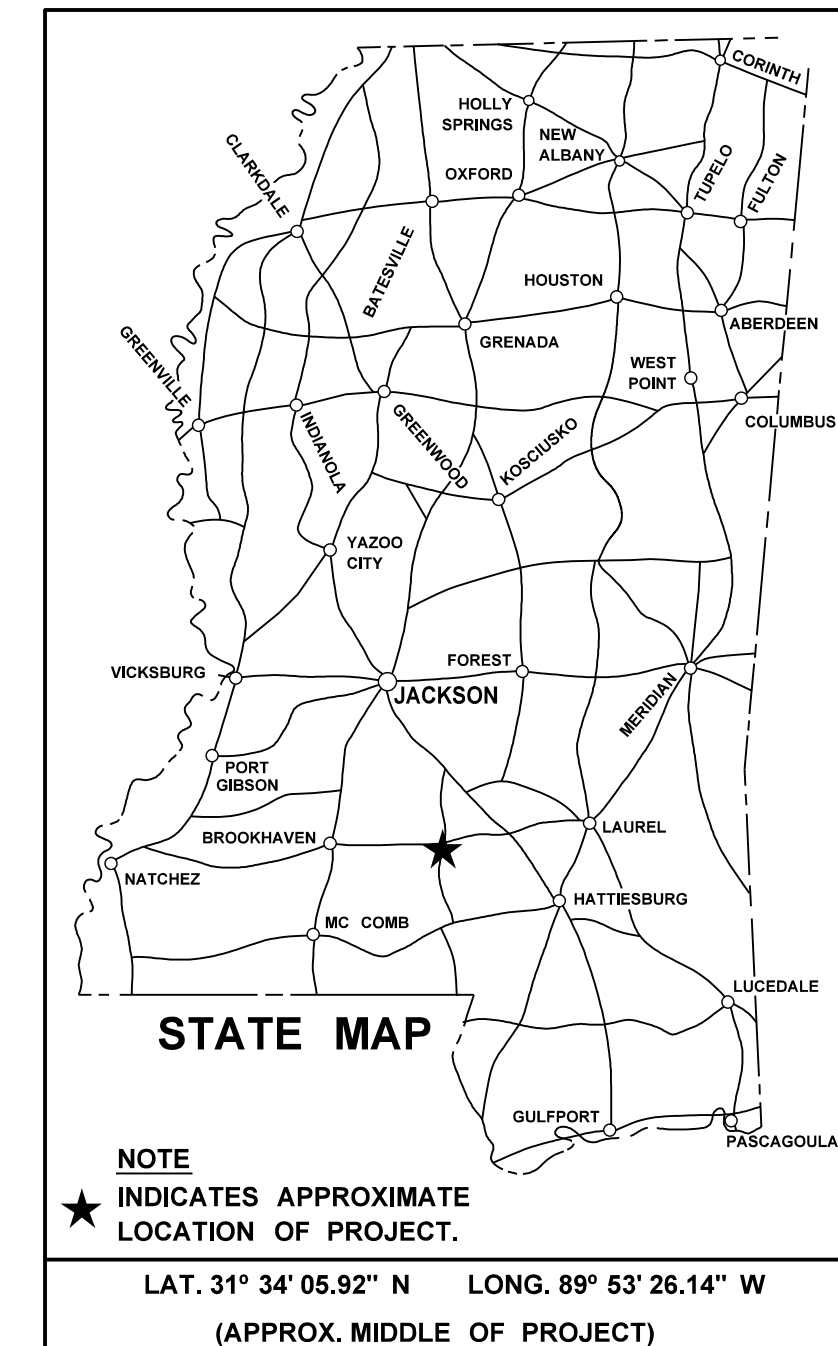
DISTRICT 7 BRIDGE JOINT REPAIR
SR 13, SR 44, & SR 42
MARION, JEFFERSON DAVIS, & SIMPSON COUNTIES

FMS CON. NO. 108404 / 301000 (JEFF DAVIS)
108404 / 302000 (MARION)
108404 / 303000 (SIMPSON)

SCALES

PLAN 1 IN. = 100 FT.
PROFILE { HOR. 1 IN. = 100 FT.
VERT. 1 IN. = 10 FT.
LAYOUT 1 IN. = 15,542 FT.

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	STP-9999-07(375)	1



GENERAL INDEX

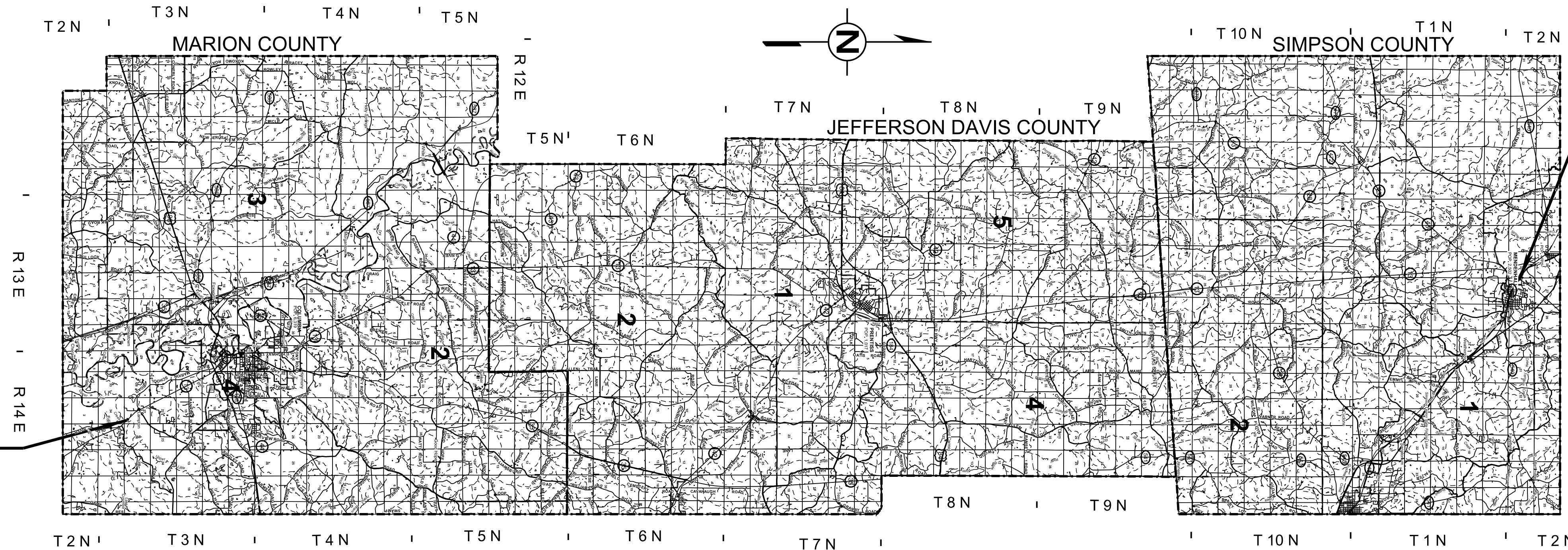
INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY	1
<input type="checkbox"/> PERMANENT SIGNS	1001
<input type="checkbox"/> TRAFFIC SIGNALS	2001
<input type="checkbox"/> ITS COMPONENTS	3001
<input type="checkbox"/> LIGHTING	4001
<input type="checkbox"/> (RESERVED)	5001
<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 type="checkbox"/> BRIDGE	8001
<input type="checkbox"/> CROSS SECTIONS	9001

BRIDGE STRUCTURES REQ'D.

E.O.P SR 13

BOX BRIDGES REQ'D.

B.O.P. SR 13



DESIGN CONTROL

MPH = V (SPEED DESIGN)

ADT () = : ADT () =

DHV = : D = % T = %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS		
	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/> N	<input type="checkbox"/> N
NATIONWIDE (OTHER)*	<input type="checkbox"/> N	<input type="checkbox"/> N
GENERAL*	<input type="checkbox"/> N	<input type="checkbox"/> N
INDIVIDUAL (404)*	<input type="checkbox"/> N	<input type="checkbox"/> N
STORMWATER PERMIT <input type="checkbox"/> N		
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: _____		

CONVENTIONAL SYMBOLS

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

EQUATIONS

LENGTH DATA

LENGTH OF ROADWAY	325,300.80 FT.	61.610 MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)	325,300.80 FT.	61.610 MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)	325,300.80 FT.	61.610 MI.

EXCEPTIONS

P S & E DATE: 5/13/2020

APPROVED: _____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER
EXECUTIVE DIRECTOR



8/27/2020 1:35 PM (01) TITLE SHEET.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	STP-9999-07(375)


DESCRIPTION OF SHEET	WKG. NO.	SH. NO.			
TITLE AND LAYOUT SHEET		1			
DETAILED INDEX	DI-1	2	STANDARDS DRAWINGS (7)		
GENERAL NOTES	GN-1	3	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6351
			TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (EXTENDED PERIOD)	TCP-4	6354
			TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (WORK DAY ONLY)	TCP-5	6355
QUANTITY SHEETS (6)			SHORT DURATION CLOSING OF TWO-LANE, TWO-WAY HIGHWAYS	TCP-6	6356
SUMMARY OF QUANTITIES	SQ-1	4	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
SUMMARY OF QUANTITIES	SQ-2	5	TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-9	6359
SUMMARY OF QUANTITIES	SQ-3	6	LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)	TCP-15	6365
SUMMARY OF QUANTITIES	SQ-4	7			
ESTIMATED QUANTITIES	EQ-1	8			
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	TCPQ-1	9			
			TOTAL NUMBER OF SHEETS (63)		

PLAN PROFILE SHEETS (33)	WKG. NO.	SH. NO.
SITE 1 SR 13 UPPER LITTLE RIVER BRIDGE #43.1	3	10
SITE 1 SR 13 UPPER LITTLE RIVER BRIDGE # 43.1	4	11
SITE 2 SR 13 BUCKHORN CREEK BRIDGE # 51.2	5	12
SITE 2 SR 13 BUCKHORN CREEK BRIDGE # 51.2	6	13
SITE 3 SR 13 HARPERS CREEK BRIDGE #52.3	7	14
SITE 3 SR 13 HARPERS CREEK BRIDGE #52.3	8	15
SITE 4 SR 13 HOLIDAY CREEK BRIDGE #55.4	9	16
SITE 4 SR 13 HOLIDAY CREEK BRIDGE #55.4	10	17
SITE 5 SR 44 PEARK RIVER & CNIC RR BRIDGE #34.8	11	18
SITE 5 SR 44 PEARK RIVER & CNIC RR BRIDGE #34.8	12	19
SITE 5 SR 44 PEARK RIVER & CNIC RR BRIDGE #34.8	13	20
SITE 5 SR 44 PEARK RIVER & CNIC RR BRIDGE #34.8	14	21
SITE 5 SR 44 PEARK RIVER & CNIC RR BRIDGE #34.8	15	22
SITE 5 SR 44 PEARK RIVER & CNIC RR BRIDGE #34.8	16	23
SITE 5 SR 44 PEARK RIVER & CNIC RR BRIDGE #34.8	17	24
SITE 5 SR 44 PEARK RIVER & CNIC RR BRIDGE #34.8	18	25
SITE 5 SR 44 PEARK RIVER & CNIC RR BRIDGE #34.8	19	26
SITE 6 SR 13 LOWER GREENS CREEK BRIDGE #61.3	20	27
SITE 6 SR 13 LOWER GREENS CREEK BRIDGE #61.3	21	28
SITE 7 SR 13 JAYBIRD CREEK BRIDGE #68.2	22	29
SITE 7 SR 13 JAYBIRD CREEK BRIDGE #68.2	23	30
SITE 8 SR 13 WHITE SAND CREEK BRIDGE #70.8	24	31
SITE 8 SR 13 WHITE SAND CREEK BRIDGE #70.8	25	32
SITE 9 SR 42 WHITE SAND CREEK TRIBUTE BRIDGE #18.1	26	33
SITE 9 SR 42 WHITE SAND CREEK TRIBUTE BRIDGE #18.1	27	34
SITE 10 SR 13 RIALS CREEK BRIDGE #95.2	28	35
SITE 10 SR 13 RIALS CREEK BRIDGE #95.2	29	36
SITE 11 SR 13 SELLERS CREEK BRIDGE #98.8	30	37
SITE 11 SR 13 SELLERS CREEK BRIDGE #98.8	31	38
SITE 12 SR 13 CNIC RR BRIDGE #99	32	39
SITE 12 SR 13 CNIC RR BRIDGE #99	33	40
SITE 13 SR 13 OVER SR 149 BRIDGE #99.1	34	41
SITE 13 SR 13 OVER SR 149 BRIDGE #99.1	35	42

SPECIAL DESIGN SHEETS (14)	WKG. NO.	SH. NO.
DETAIL OF CONSTRUCTION SIGNING	DCS-1	43
DETAIL OF CONSTRUCTION SIGNING	DCS-2	44
DETAIL OF CONSTRUCTION SIGNING	DCS-3	45
DETAIL OF CONSTRUCTION SIGNING	DCS-4	46
DETAIL OF CONSTRUCTION SIGNING	DCS-5	47
DETAIL OF CONSTRUCTION SIGNING	DCS-6	48
DETAIL OF CONSTRUCTION SIGNING	DCS-7	49
DETAIL OF CONSTRUCTION SIGNING	DCS-8	50
DETAIL OF CONSTRUCTION SIGNING	DCS-9	51
JOINT REPAIR ARMORED EXPANSION JOINTS	JR-1	52
JOINT REPAIR SILICONE SEALED EXPANSION JOINTS	JR-2	53
JOINT REPAIR AC SEALED EXPANSION JOINTS	JR-3	54
JOINT REPAIR COMPRESSION EXPANSION JOINTS	JR-4	55
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	SDTCP-16	56

DISTRICT 7

PS & E PLANS-DATE: 5/13/2020		
FMS CON. # 108404/301000/302000/303000		
REVISIONS		
DATE	SHEET NO.	BY
6-17-2020	3	JMD

REVISION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
	DETAILED INDEX		
			
	PROJ. NO.: STP-9999-07(375) COUNTY: JEFF DAVIS/MARION/SIMPSON		
DATE	WORKING NUMBER		DI-1
DESIGN TEAM	SHEET NUMBER		2
DISTRICT 7	FILE NAME: \02DI-1.dgn		
CHECKED	DATE		

6/17/2020 8:28:14 AM 02DI-1-.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	STP-9999-07(375)

GENERAL NOTES

- ① THE LOCATION AND SPACING OF SIGNS AS 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 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.
- ④ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR SUITABLE MATERIAL.
- ⑤ ALL SIGNS AND DELINEATORS THAT CONFLICT WITH THE CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RESET BY THE CONTRACTOR; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑥ 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. 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.
- ⑦ LANE CLOSURES SHALL NOT EXCEED (3) MILES IN LENGTH.
- ⑧ STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
- ⑨ 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.
- ⑩ 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 CONTRACTORS PRIOR TO FABRICATION.
- ⑪ 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.
- ⑫ ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM WITH THE EXCEPTION OF THE GUIDE SIGN 0.0625" OVERLAY PANELS WHICH SHALL BECOME THE PROPERTY OF MDOT. CONTRACTOR SHALL ARRANGE WITH THE PROJECT ENGINEER A SUITABLE TIME FOR PICK-UP BY MDOT. MDOT RESERVES THE RIGHT TO REFUSE ANY MATERIAL THAT IS DAMAGED OR UNSUITABLE FOR REFURBISHMENT.
- ⑬ DIRECT-APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL GUIDE SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM MDOT'S PROJECT ENGINEER.

GENERAL NOTES (CONT.)

- ⑭ 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.
- ⑮ THE SIGN QUANTITIES SHOWN ON TCPQ-1 ARE BASED ON WORKING ON TWO SITES AT A TIME. IF THE CONTRACTOR WANTS TO WORK ON MORE THAN TWO SITES AT A TIME, IT WILL BE ALLOWED AND PAYMENT SHALL BE PAID UNDER PAY ITEM 618-A001 MAINTENANCE OF TRAFFIC. WHEN WORK ON THE TWO SITES ARE COMPLETE, SIGNS SHALL BE MOVED TO THE NEXT TWO SITES AND SO FORTH.
- ⑯ SIGNS SHALL BE PLACED ACCORDING TO THE DCS SHEETS.
- ⑰ THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- ⑱ CAP CLEANING SHOULD BE PERFORMED BY REMOVING ALL LARGE DEBRIS BY HAND. ALL OTHER DEBRIS (DIRT AND RUST) SHALL BE REMOVED BY PRESSURE WASHING THE BENT CAPS TO THE SATISFACTION OF THE PROJECT ENGINEER. THE PRESSURE WASHER SHALL BE ABLE TO MAINTAIN 3,500 PSI OF PRESSURE. THIS WILL BE PAID UNDER PAY ITEM NO. 907-824-PP006 BRIDGE REPAIR, CAP CLEANING.
- ⑲ IT IS ESTIMATED THAT 25% OF CAPS WILL NEED CLEANING.
- △ ⑳ WHENEVER AN ARMORED JOINT IS LOCATED ON THE END JOINT OF A BRIDGE AND HAS NO BRIDGE END SLAB, A SMALL SECTION OF ASPHALT PAVEMENT WILL NEED TO BE REMOVED IN ORDER TO REMOVE THE ARMORED JOINT & POUR THE ELASTOMERIC CONCRETE. THE ASPHALT SHALL BE REPLACED BEFORE BEING OPENED TO TRAFFIC AND WILL NOT BE DIRECTLY PAID FOR & SHALL BE ABSORBED IN MAINTENANCE OF TRAFFIC.

6/17/2020 8:28:19 AM 030 GN-1.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
PROJ. NO.: STP-9999-07(375) COUNTY: JEFF DAVIS/MARION/SIMPSON	
WORKING NUMBER GN-1	SHEET NUMBER 3
FILE NAME: \03\GN-1.dgn DESIGN TEAM: DISTRICT 7	CHECKED: _____ DATE: _____

