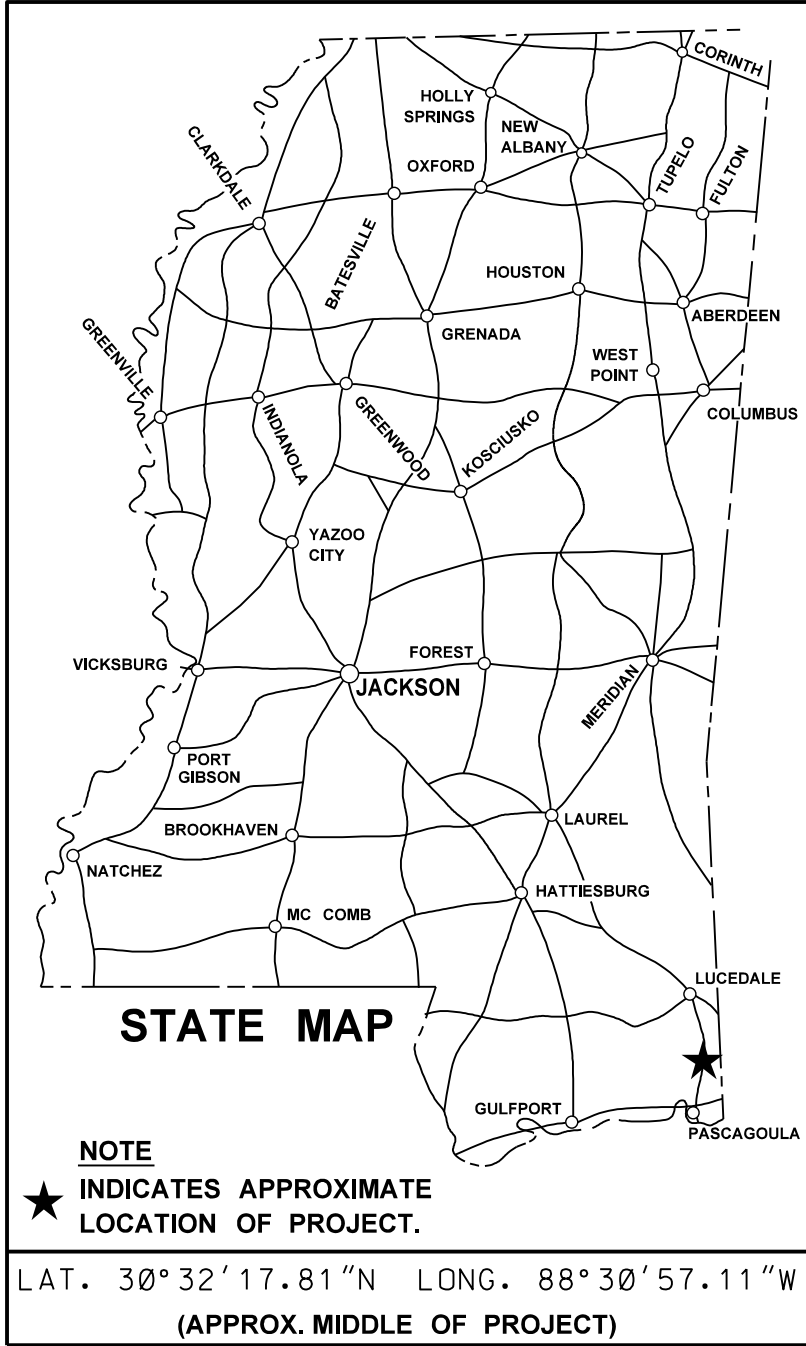


STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	BR-0231-00(080)	1



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 checked="" type="checkbox"/> CROSS SECTIONS	9001

BRIDGE STRUCTURES REQ'D.

BR. # 13.6 - 3@70'
LENGTH = 210 FT.
STA. 492+61.88 TO STA. 494+74.13

BOX BRIDGES REQ'D.
NONE

CONVENTIONAL SYMBOLS

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

EQUATIONS

STA. 489+89.947 BK = STA. 491+74.083 AH = -184.136

LENGTH DATA

LENGTH OF ROADWAY	3016 FT.	0.51 MI.
LENGTH OF BRIDGES	210 FT.	0.039 MI.
LENGTH OF PROJECT (NET)		MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)		0.549 MI.

EXCEPTIONS

NONE

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

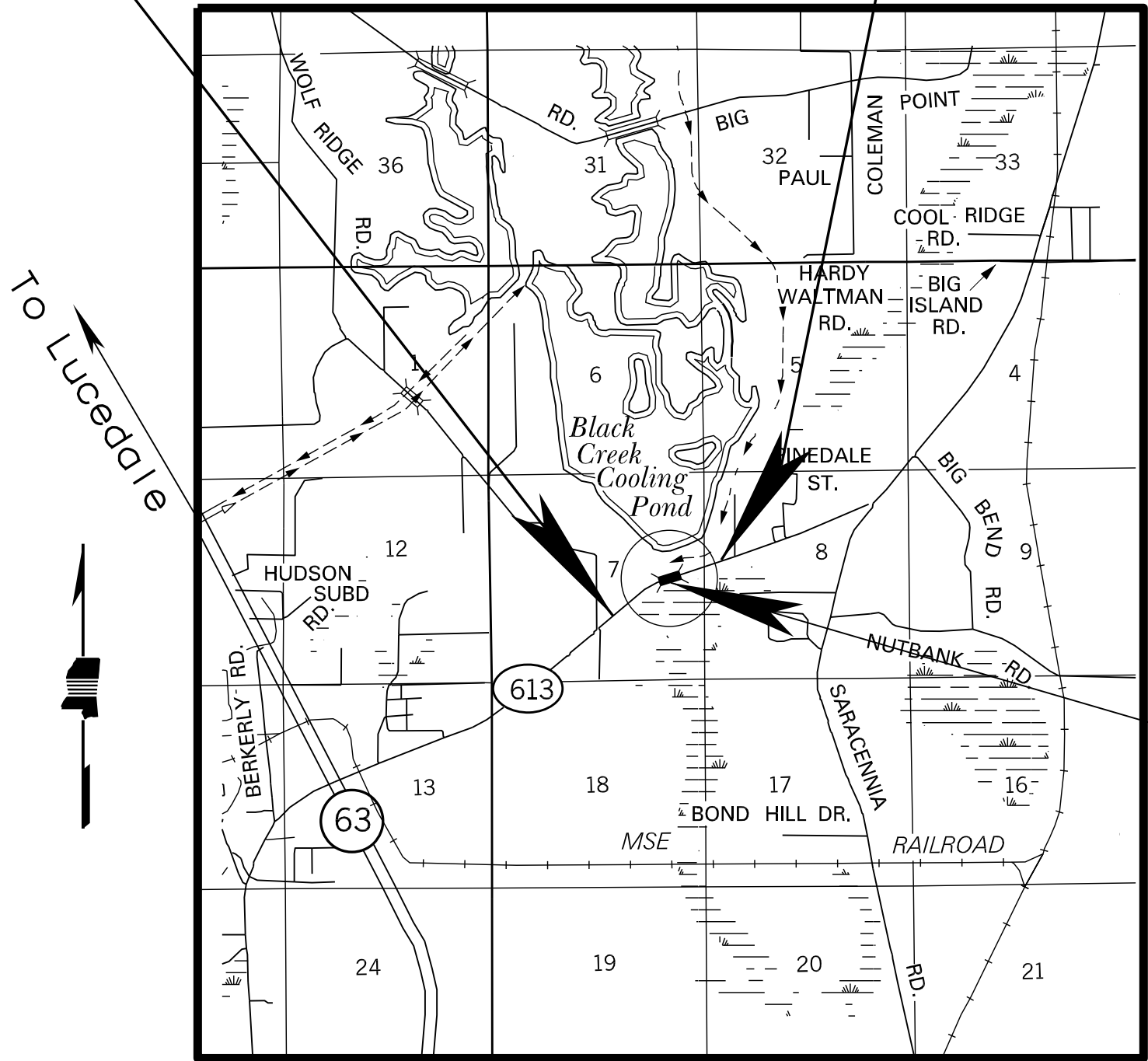
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. BR-0231-00(080)

SR 613 REPLACE BRIDGE # 13.6 OVER BLACK CREEK
JACKSON COUNTY

SCALES		
PLAN	1 IN. =	100 FT.
PROFILE {	HOR.	1 IN. = 100 FT.
VERT.	1 IN. =	10 FT.
LAYOUT	1 IN. =	3800 FT.

FMS CON. NO. 104474/301000

B.O.P. STA. 475+00.00 E.O.P. STA. 507+00.00

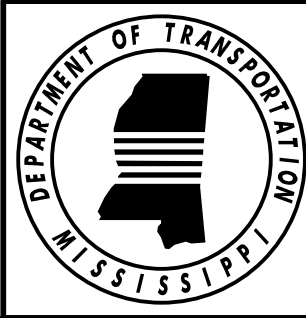


BRIDGE NO. 13.6 BLACK CREEK

DESIGN CONTROL		
55 MPH = V (SPEED DESIGN)		
ADT (2018) = 4700 : ADT (2038) = 5300		
DHV = 580 : D = 60 % T = 7 %		
PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS		
	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
STORMWATER PERMIT		<input checked="" type="checkbox"/>
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: _____		

P S & E DATE: 01-31-18

APPROVED:	
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER	
EXECUTIVE DIRECTOR	




DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	DETAILS OF TYPICAL DITCH TREATMENTS DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT GUARD RAIL: "W" BEAM (WOOD POSTS) GUARD RAIL: THRIE BEAM (WOOD POSTS) GUARD RAIL: "W" BEAM (STEEL POSTS)	DT-1 DT-1A GR-1 GR-1A GR-1B	6123 6124 6201 6202 6203
DETAILED INDEX & GENERAL NOTES (2)	DI-1 GN-1	2 3	GUARD RAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS) (NEW CONSTRUCTION) GUARD RAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS) (NEW CONSTRUCTION) GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY GUARD RAIL (RUB RAIL HARDWARE) GUARD RAIL: MISCELLANEOUS HARDWARE	GR-2F GR-2G GR-4A GR-RR GR-HW	6210 6211 6215 6218 6221
TYPICAL SECTION SHEETS (3)			ROUTE SHIELDS AND "EXIT ONLY" PANELS STANDARD ROADSIDE SIGNS STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS	SN-2 SN-3 SN-4 SN-4A SN-4B SN-5	6302 6303 6306 6307 6308 6309
TYPICAL SECTION - HWY 613 NEW CONSTRUCTION TYPICAL SECTION - HWY 613 WIDENING & OVERLAY TYPICAL SECTION - DETAIL OF PAVEMENT AT BRIDGE END	TS-1 TS-2 TS-3	4 5 6	BREAK-AWAY SIGN SUPPORTS BREAK-AWAY SIGN SUPPORTS TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS TYPICAL GUARD RAIL DELINEATION SIGNING DETAILS FOR 2-LANE & 4-LANE BRIDGE APPROACHES TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC) HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	SN-6 SN-6A SN-8 SN-8C SN-9 TCP-1 TCP-8 TCP-9	6310 6311 6314 6317 6318 6351 6358 6359
QUANTITY SHEETS (8)	SQ-1 SQ-2 EQ-1 EQ-2 EQ-3 EQ-4 EQ-HCS SRS-1	7 8 9 10 11 12 13 14	LOCATION OF R16-3 SIGNS (SPEEDING SIGNS DOUBLE) TRAFFIC CONTROL DETAIL OF DRUM PLACEMENT AND SHOULDER CLOSURE RIGHT OF WAY MARKERS RURAL DRIVEWAYS SUPERELEVATION CASE I ROTAION ABOUT CENTERLINE PIPE CULVERT INSTALLATION FLARED END SECTION FOR CONCRETE PIPE	TCP-15 TCP-16 RW-1 RD-1 SE-2A PI-1 FE-1	6365 6366 6401 6403 6408 6501 6530
PLAN & PROFILE SHEETS (1)					
B.O.P. TO E.O.P	WK3	15			
SPECIAL DESIGN SHEETS (8)⚠					
RIGHT OF WAY MARKERS COORDINATE SHEET EASEMENT MARKER COORDINATE SHEET CONSTRUCTION SIGNING DETAIL @ SR 63 & SR613 TRAFFIC CONTROL PLAN @ SR 63 & SR 613 PAVEMENT MARKING DETAIL SR 613 STA. 479+00 TO STA. 506+00 VEGETAION SCHEDULE ECP3 ECP-RIPARIAN BUFFER	ROWCS-1 ESCS-1 DCS-1 TC-1 DPM-1 VS-1 ECP3 ECP-RB-3	16 17 18 19 20 21 22 23			

9001-9007

TOTAL SHEETS (EXCLUDING BRIDGE SHEETS) - (86) 

				DWG	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION					
				ADDED SHEET & DELETED SHEET	REVISION	DETAILED INDEX					
						COUNTY: JACKSON					
						PROJ. NUM.: BR-0231-00(080)					
				DATE	FILENAME:	DI-1.DGN					
				DESIGN TEAM	BROWN	CHECKED		DATE			



WORKING NUMBER
DI-1

SHEET NUMBER
2


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 THE MUTCD (LATEST EDITION).
(3)	ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
(4)	A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT THE LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
(5)	25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
(6)	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.
(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, THE COST OF WHICH WILL BE ABSORBED IN OTHER ITEMS BID.
(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)	FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
(12)	ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
(13)	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.
(14)	VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER BID ITEMS.
(15)	ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
(16)	THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE

GENERAL NOTES (CONT.)

(17)	ROADWAY SIGNS THAT ARE IN CONFLICT WITH 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.
(18)	REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
(19)	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 AT THE PRECONSTRUCTION CONFERENCE OR PRIOR TO THE COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION. ANY ADDITIONAL SILT BASINS NOT SHOWN IN THE PLANS BE INCLUDED IN THE CONTRACTOR'S EROSION CONTROL PLAN PRIOR TO SUBMITTING FOR APPROVAL.
(20)	PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 4" 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 PAID FOR AS UNCLASSIFIED EXCAVATION. ANY ADDITIONAL TOPSOIL REQUIRED WILL BE PAID FOR UNDER THE PAY ITEM 211-B001, TOPSOIL FOR SLOPE TREATMENT, CONTRACTOR FURNISHED.
(21)	THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
(22)	TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
(23)	ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
(24)	ERECTION DATES ARE TO BE LEGIBLY WRITTEN IN BOLD, BLACK MARKINGS ON THE BACK OF ALL PERMANENT SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT, AND MARKS ON WET OR DRY SURFACES.
(25)	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.
(26)	SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
(27)	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.
(28)	THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND RELOCATING MAIL BOXES AS NECESSARY TO MAINTAIN CONTINUOUS MAIL SERVICE THROUGHOUT THE LIFE OF THE PROJECT, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
(29)	THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
(30)	STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
(31)	FOR CLEARING LIMITS ADJACENT TO THE STREAM AT STATION(S) 493+50.25 TO 493+89.70. SEE WORKING SHEET NUMBER(S) ECP-RB-3. THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER. CLEARING LIMITS AT OTHER LOCATIONS SHOULD STILL APPLY.



			DMB	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION					
			ADDED NOTE	REVISION	GENERAL NOTES					
					PROJ. NO.: BR-0231-00(080)					
					COUNTY: Jackson					
			7/26/19	DATE	FILENAME: <u>gn-1.dgn</u>					
				DESIGN TEAM				CHECKED		DATE <u>2017-02-01</u>
								WORKING NUMBER GN-1		
								SHEET NUMBER 3		