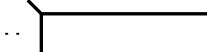
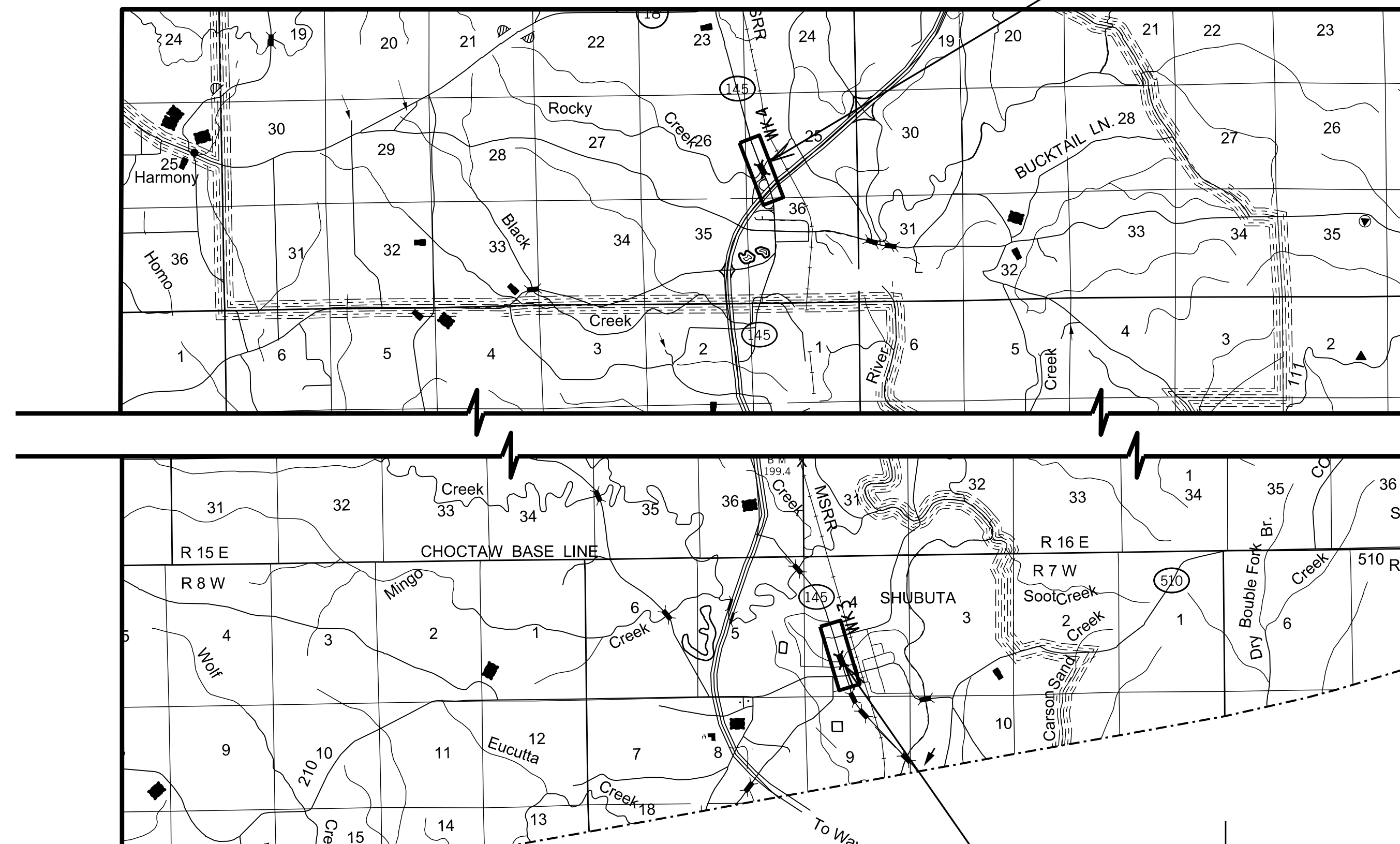


<input checked="" type="checkbox"/>	ROADWAY .....	1
<input checked="" type="checkbox"/>	PERMANENT SIGNS .....	1001
<input type="checkbox"/>	TRAFFIC SIGNALS .....	2001
<input type="checkbox"/>	ITS COMPONENTS .....	3001
<input type="checkbox"/>	LIGHTING .....	4001
<input type="checkbox"/>	(RESERVED) .....	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

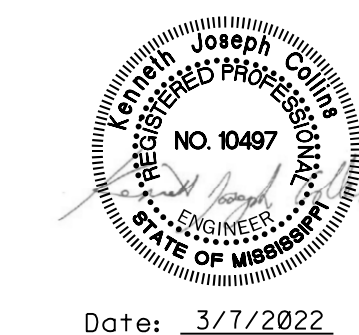
- (A) SITE 1 BR. NO. 35.0 (CHICKASAWHAY RELIEF)**  
**STA. 72 + 53.92**  
**SPANS: 1@71'-1", 1@70', 1@71'-1"**  
**LENGTH: 212'-2"**
- (B) SITE 2 BR. NO. 43.8 (ROCKY CREEK)**  
**STA. 533 + 01.92**  
**SPANS: 1@112'-2"**  
**LENGTH: 112'-2"**

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

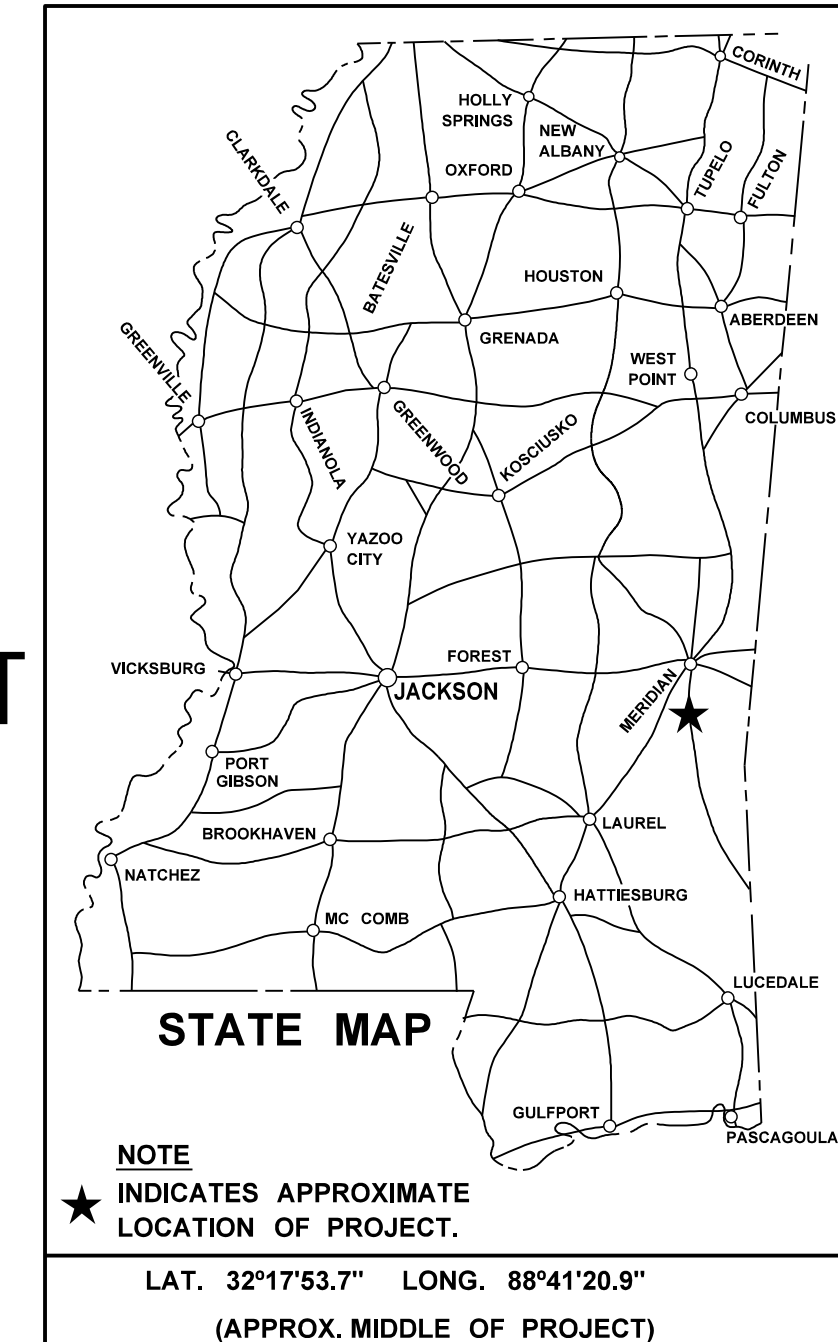
SCALES			
PLAN		1 IN.=	100 FT.
PROFILE	{	HOR.	1 IN.= 100 FT.
		VERT.	1 IN.= 10 FT.
LAYOUT		1 IN.=	5,000 FT.



LENGTH OF ROADWAY	46,850.00FT.	8.8730	MI.
LENGTH OF BRIDGES	320.00FT.	0.0606	MI.
LENGTH OF PROJECT (NET)	46,530.00FT.	8.8124	MI.
LENGTH OF EXCEPTIONS	44,750.00FT.	8.4754	MI.
LENGTH OF PROJECT (GROSS)	1,780.00 FT.	0.337	MI.




STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	BR-0145-00(006)	1



SITE 1 – BR 35.0		SITE 2 – BR 43.8	
DESIGN CONTROL		DESIGN CONTROL	
<u>35</u> MPH = V (SPEED DESIGN)		<u>55</u> MPH = V (SPEED DESIGN)	
ADT (2018) = 1,600 : ADT (2038) = 1,900		ADT (2018) = 810 : ADT (2038) = 990	
DHV = 230 : D = 60 % T = 7 %		DHV = 120 : D = 60 % T = 7 %	

PERMITS ACQUIRED BY MDOT			
WETLANDS AND WATERS PERMITS			
	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			<input 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:		11 / 19 / 21	
		APPROVED:			
		DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER			
		EXECUTIVE DIRECTOR			
					
		MISSISSIPPI DEPARTMENT OF TRANSPORTATION			

DESCRIPTION OF SHEET		WK. SH.	SH. NO.
TITLE SHEET ( 1 )			1
DETAILED INDEX ( 2 )			
DETAILED INDEX		DI-1	2
DETAILED INDEX		DI-2	3
GENERAL NOTES ( 3 )			
GENERAL NOTES		GN-1	4
GENERAL NOTES		GN-2	5
TYPICAL SECTION SHEETS ( 2 )			
TYPICAL SECTION - SITE 1		TS-1	6
TYPICAL SECTION - SITE 2		TS-2	7
SUMMARY OF QUANTITY SHEETS ( 3 )			
SUMMARY OF QUANTITIES		SQ-1	8
SUMMARY OF QUANTITIES		SQ-2	9
SUMMARY OF QUANTITIES		SQ-3	10
ESTIMATED QUANTITY SHEETS ( 8 )			
ESTIMATED QUANTITY - EROSION CONTROL		EQ-1	11
ESTIMATED QUANTITY - EARTHWORK AND DRAINAGE STRUCTURES		EQ-2	12
ESTIMATED QUANTITY - REMOVAL ITEMS & SIDE DRAINS		EQ-3	13
ESTIMATED QUANTITY - BRIDGE END PAVEMENT AND GUARDRAIL		EQ-4	14
ESTIMATED QUANTITY - PAVEMENT MARKING		EQ-5	15
ESTIMATED QUANTITY - CONSTRUCTION SIGNING		EQ-6	16
STANDARD ROADSIDE SIGN QUANTITIES		EQ-7	17
STANDARD ROADSIDE SIGN QUANTITIES		EQ-8	18
PLAN & PROFILE SHEETS ( 2 )			
SR 145 - SITE 1		3	19
SR 145 - SITE 2		4	20
INTERSECTION DETAIL SHEET ( 1 )			
SR 145 AT NORTH ST. - SITE 1 BRIDGE #35.0		ID-1	21
PAVEMENT MARKING SHEETS ( 2 )			
PAVEMENT MARKING - SITE 1 BRIDGE #35.0		PMD-1	22
PAVEMENT MARKING - SITE 2 BRIDGE #43.8		PMD-2	23
CONSTRUCTION SIGNING SHEETS ( 2 )			
CONSTRUCTION SIGNING - SITE 1 BRIDGE #35.0		CS-1	24
CONSTRUCTION SIGNING - SITE 2 BRIDGE #43.8		CS-2	25
DETOUR SHEETS ( 6 )			
DETOUR PLAN - SITE 1		DET-1	26
DETOUR DETAILS - SITE 1		DET-1A	27
DETOUR DETAILS - SITE 1		DET-1B	28
DETOUR PLAN - SITE 2		DET-2	29
DETOUR DETAILS - SITE 2		DET-2A	30
DETOUR DETAILS - SITE 2		DET-2B	31

MICHAEL BAKER INTERNATIONAL		
PS & E PLANS-DATE: 11/19/21		
FMS CON.: 102485 / 302000		
REVISIONS		
DATE	SHEET NO.	BY

Date: 3/7/2022

[illegible]

3/7/2022 9:59 AM DI-2.DGN

PLAN DIVISION  
ROADWAY  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

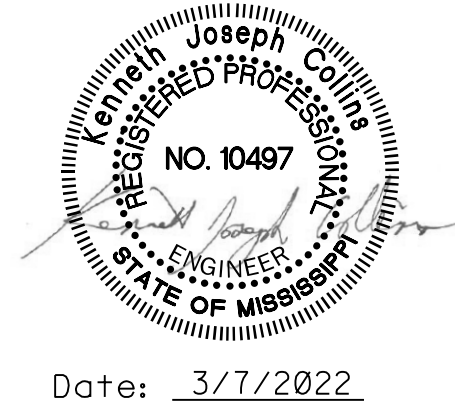
STATE	PROJECT NO.
MISS.	BR-0145-00(006)

DESCRIPTION OF SHEET	WK. SH.	SH. NO.
DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	6123
DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT	DT-1A	6124
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	BAS-A	6125
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE D SILT BASIN) (135 C.Y. CAPACITY PER ACRE OF DRAINAGE)	BAS-D	6129
SUPER SILT FENCE	SSF-1	6130
GUARDRAIL: "W" BEAM (STEEL POSTS)	GR-1B	6203
GUARDRAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS) (NEW CONSTRUCTION)	GR-2G	6211
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	GR-4A	6215
GUARDRAIL: RUB RAIL HARDWARE	GR-RR	6218
GUARDRAIL: MISCELLANEOUS HARDWARE	GR-HW	6221
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
TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS	SN-5	6309
BREAK-AWAY SIGN SUPPORTS	SN-6	6310
BREAK-AWAY SIGN SUPPORTS	SN-6A	6311
BREAK-AWAY SIGN SUPPORTS	SN-6B	6312
SIGN FACE CONST & ATTACH OF GRND MOUNTED DIRECTIONAL SIGNS TO STEEL (EXTRUDED ALUMINUM PANELS)	SN-7	6313
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
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6351
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
TRAFFIC CONTROL MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-9	6359
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 MARKERS	RW-1	6401
RURAL DRIVEWAYS	RD-1	6403
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS	GT-1	6404
SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE	SE-2A	6408
SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE	SE-3A	6413
DRIVEWAYS, CURB & GUTTER & SIDEWALK	SD-1	6419
CURB RAMPS - RAMP DESIGN ELEMENTS	CR-1	6421
CURB RAMPS - PLACEMENT DETAILS	CR-2	6422
CURB RAMPS - PLACEMENT DETAILS	CR-3	6423
CURB RAMPS - DETECTABLE WARNING DETAILS	CR-4	6424
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
CONCRETE PIPE COLLAR	PC-1	6503
FLARED END SECTION FOR CONCRETE PIPE	FE-1	6530

CROSS SECTION SHEETS ( 11 )

SR 145 SITE 1	9001-9003
SR 145 SITE 2	9004-9011

TOTAL SHEETS = 118

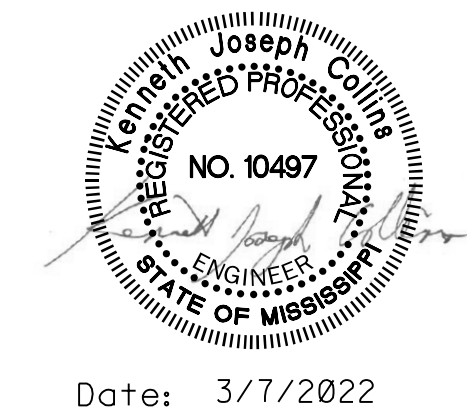


				BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX
				REVISION	SR 145 BRIDGE #'S. 35.0 & 43.8 BRIDGE REPLACEMENT
				DATE	PROJ. NO.: BR-0145-00(006) COUNTY: CLARKE
				FILENAME: DI-2.dgn	WORKING NUMBER DI-2
				DESIGN TEAM Michael Baker Intl. CHECKED KJC DATE 2021	SHEET NUMBER 3



STATE	PROJECT NO.
MISS.	BR-0145-00(006)

- |  |   |
|--|---|
| (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.   | (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.  |
| (2) ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE <b>MUTCD</b> (LATEST EDITION).  | (11) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)  |
| (3) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.  | (12) FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3 AND 4  |
| (4) 25 % SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.   | (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.  |
| (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.   | (14) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.   |
| (6) ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC , THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.  | (15) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.  |
| (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 <b>THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION</b> . THE COST OF WHICH WILL BE ABSORBED IN OTHER ITEMS BID.   | (16) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.   |
| (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.  | (17) 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.  |
| (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, HE 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. | (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 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. |
|  | <div> <div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div>MISSISSIPPI DEPARTMENT OF TRANSPORTATION</div> </div> <div>GENERAL NOTES</div>  |



Date: 3/7/2022

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STATE	PROJECT NO.
MISS.	BR-0145-00(006)

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- Date: 3/7/2022