

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	BR-0023-02(058)	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 checked="" 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

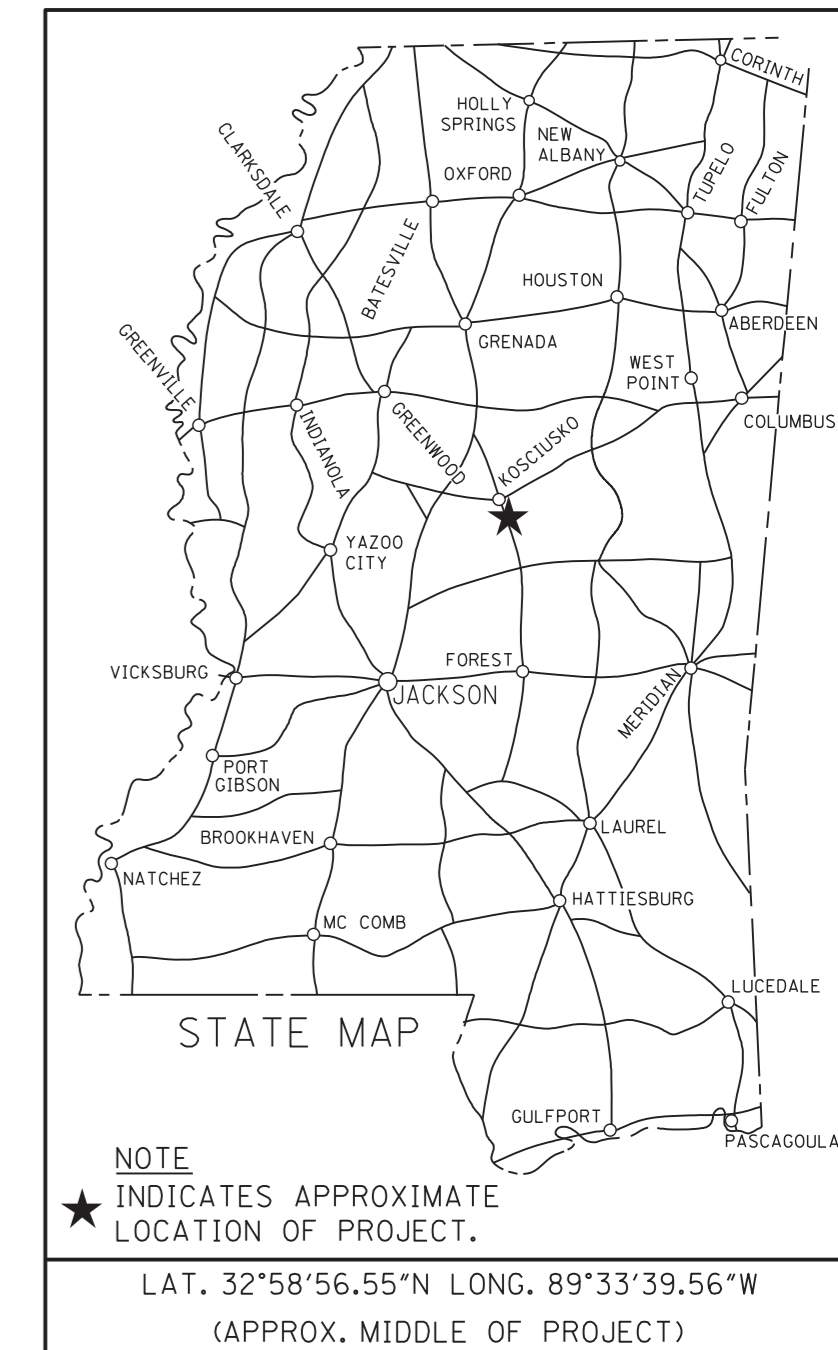
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-0023-02(058)

SR 35 BRIDGE REPLACEMENT FROM THE LEAKE CO. LINE TO KOSCIUSKO ATTALA COUNTY

FMS. CONST. NO. 103334/301000

SCALES

PLAN	1 IN. = 100 FT.
PROFILE {	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 2,500 FT.



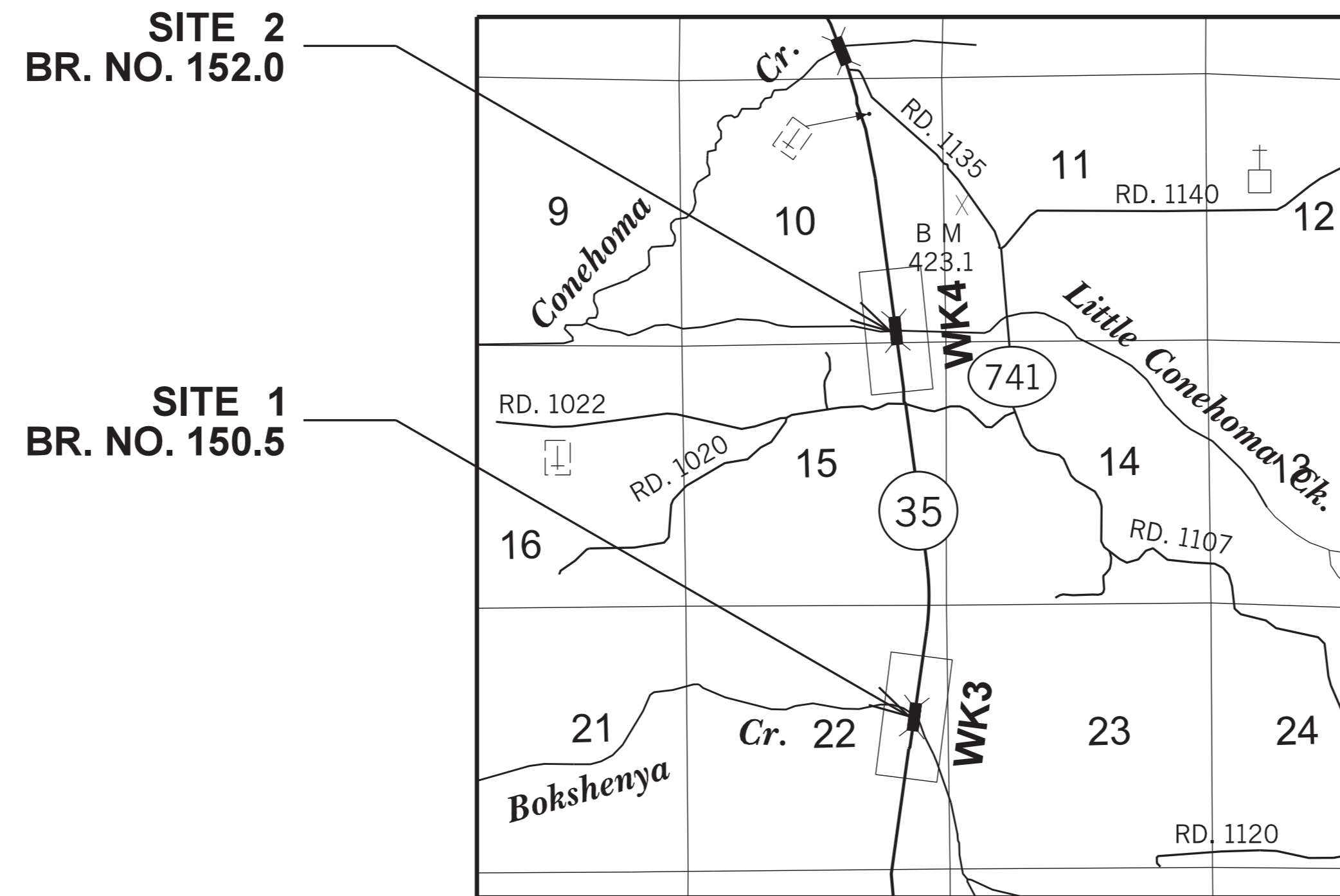
BRIDGE STRUCTURES REQ'D.

BRIDGE NO. 150.5
SR 35 @ BOKSHENYA CREEK
STA. 1506 + 58.88 TO STA. 1509 + 61.13
SPANS: 3 @ 100'
SKEW: NORMAL TO CENTERLINE
TOTAL LENGTH: 302' - 3"

BRIDGE NO. 152.0
SR 35 @ LITTLE CONEHOMA CREEK
STA. 1583 + 71.88 TO STA. 1586 + 58.63
SPANS: 2 @ 80', 1 @ 115'
SKEW: 5° LT. FWD.
TOTAL LENGTH: 277 - 3"

BOX BRIDGES REQ'D.

NONE



EQUATIONS

1584 + 48.500 BK = 1584 + 58.000 AH = -9.500 FT.

EXCEPTIONS

NONE

ROADWAY DESIGN & SIGNING

DESIGN CONTROL		
65 MPH = V (SPEED DESIGN)		
ADT (2019) = 4,700 ; ADT (2039) = 6,600		
DHV = 730 ; D = 60 % T = 12 %		
PERMITS ACQUIRED BY MDOT		
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):		
	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/> N	<input type="checkbox"/> N
NATIONWIDE (OTHER)*	<input type="checkbox"/> Y	<input type="checkbox"/> Y
GENERAL*	<input type="checkbox"/> N	<input type="checkbox"/> N
INDIVIDUAL (404)*	<input type="checkbox"/> N	<input type="checkbox"/> N
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR		
STORMWATER PERMIT <input checked="" type="checkbox"/> Y		
Y	REQUIRED, SCNOI 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: 06/10/2019

APPROVED: _____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER
EXECUTIVE DIRECTOR



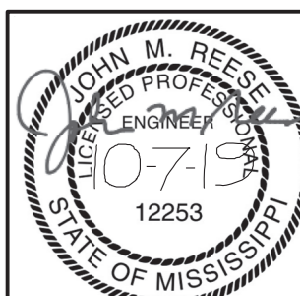
6/10/2019 7:22:52 AM PLS.DGN

ADDENDUM

STATE	PROJECT NO.
MISS.	BR-0023-02(058)

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>STANDARD DRAWINGS - ROADWAY DESIGN SHEETS (2017) - (60)</u>		
TITLE SHEET	-	1	BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)	BE-1	6007
DETAILED INDEX	DI-1	2	BRIDGE END PAVEMENT RAIL (33.5" RAIL HEIGHT)	BER-1	6009
DETAILED INDEX	DI-2	3	PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS	PM-1	6051
GENERAL NOTES	GN-1	4	RUMBLE STRIPES 2-LANE HIGHWAYS (ASPHALT LANES, 2-FT ASPHALT SHOULDERS)	RS-1	6064
GENERAL NOTES	GN-2	5	TYPICAL TEMPORARY EROSION CONTROL / SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
			DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
<u>TYPICAL SECTIONS - (5)</u>			DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
TYPICAL SECTIONS - SR 35 NEW CONSTRUCTION	TS-1	6	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	6104
TYPICAL SECTIONS - SR 35 WIDENING & OVERLAY	TS-2	7	TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS)	ECD-5	6105
TYPICAL SECTIONS - SR 35 DETOUR	TS-3	8	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	6106
TYPICAL SECTIONS - BRIDGE END SHOULDER DETAIL	TS-4	9	DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	6107
TYPICAL SECTIONS - BRIDGE END PAVEMENT DETAIL & PAVED APRON	TS-5	10	ROCK DITCH CHECK	ECD-8	6108
			ROCK FILTER DAM	ECD-9	6109
<u>QUANTITY SHEETS - (11)</u>			ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	6110
SUMMARY OF QUANTITIES	SQ-1	11	TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
SUMMARY OF QUANTITIES	SQ-2	12	INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS	ECD-12	6112
SUMMARY OF QUANTITIES	SQ-3	13	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
ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-1	14	STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116
ESTIMATED QUANTITIES - EARTHWORK AND GUARDRAIL	EQ-2	15	TEMPORARY CULVERT STREAM CROSSING	ECD-17	6117
ESTIMATED QUANTITIES - PAVEMENT MARKINGS AND BRIDGE END PAVEMENT	EQ-3	16	TEMPORARY STREAM DIVERSION	ECD-18	6118
ESTIMATED QUANTITIES - BOX CULVERTS, PIPES, & EROSION CONTROL	EQ-4	17	TEMPORARY STREAM DIVERSION (BOX EXTENSION)	ECD-19	6119
ESTIMATED QUANTITIES - DRIVEWAYS, SIDE DRAINS, AND PAVED FLUMES	EQ-5	18	FLOATING TURBIDITY CURTAIN	ECD-20	6120
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	EQ-6	19	DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	6121
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS	EQ-7	20	SEDIMENT RETENTION BARRIER	ECD-22	6122
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-8	21	DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	6123
			DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT	DT-1A	6124
<u>RIGHT-OF-WAY AND EASEMENT COORDINATE SHEETS (1)</u>			TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	BAS-A	6125
RIGHT-OF-WAY AND EASEMENT COORDINATES	RCS-1	22	EROSION CONTROL BLANKET	ECB-1	6131
			GUARDRAIL: "W" BEAM (WOOD POSTS)	GR-1	6201
<u>PLAN & PROFILE SHEETS - (4)</u>			GUARDRAIL: THRIE BEAM (WOOD POSTS)	GR-1A	6202
STA. 1499+50.00 TO STA. 1516+50.00 - SITE 1	3	23	GUARDRAIL: "W" BEAM (STEEL POSTS)	GR-1B	6203
STA. 0+00.00 TO STA. 17+12.56 - SITE 1 DETOUR	3A	24	GUARDRAIL: BRIDGE END SECTION-TYPE I (WOOD POSTS) (NEW CONSTRUCTION)	GR-2F	6210
STA. 1576+50.00 TO STA. 1593+00.00 - SITE 2	4	25	GUARDRAIL: BRIDGE END SECTION-TYPE I (STEEL POSTS) (NEW CONSTRUCTION)	GR-2G	6211
STA. 0+00.00 TO STA. 16+53.06 - SITE 2 DETOUR	4A	26	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
<u>SPECIAL DESIGN SHEETS - (17)</u>			STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4	6306
CONSTRUCTION SIGNING	CS-1	27	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4A	6307
TRAFFIC CONTROL PLAN - PHASE 1 (SITE 1)	TC-1	28	TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	SN-8	6314
TRAFFIC CONTROL PLAN - PHASE 2 (SITE 1)	TC-2	29	TYPICAL GUARDRAIL DELINEATION	SN-8C	6317
TRAFFIC CONTROL PLAN - PHASE 3 (SITE 1)	TC-3	30	SIGNING DETAILS FOR BRIDGE APPROACHES	SN-9	6318
TRAFFIC CONTROL PLAN - PHASE 1 (SITE 2)	TC-4	31	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6351
TRAFFIC CONTROL PLAN - PHASE 2 (SITE 2)	TC-5	32	SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS	TCP-6	6356
TRAFFIC CONTROL PLAN - PHASE 3 (SITE 2)	TC-6	33	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
GUARDRAIL (TEMPORARY): TYPICAL INSTALLATION AT DETOUR BRIDGE ENDS	SD-TGR-1	34			
PAVEMENT MARKINGS (SITE 1) - STA. 1499+50.00 TO STA. 1516+50.00	PM-1	35			
PAVEMENT MARKINGS (SITE 2) - STA. 1576+50.00 TO STA. 1593+00.00	PM-2	36			
EROSION CONTROL PLAN - SITE 1	ECP-3	37			
EROSION CONTROL PLAN - SITE 1 - RIPARIAN BUFFER DETAILS	ECP-RB-3	38			
EROSION CONTROL PLAN - SITE 1 - DETOUR	ECP-3A	39			
EROSION CONTROL PLAN - SITE 2	ECP-4	40			
EROSION CONTROL PLAN - SITE 2 - RIPARIAN BUFFER DETAILS	ECP-RB-4	41			
EROSION CONTROL PLAN - SITE 2 - DETOUR	ECP-4A	42			
VEGETATION SCHEDULE	VS-1	43			
<u>PERMANENT SIGNING PLANS - (2)</u>					
PERMANENT SIGNING PLAN - SITE 1	PSP-1	1001			
PERMANENT SIGNING PLAN - SITE 2	PSP-2	1002			

PS & E PLANS - 06/10/19		
FMS CON. # 103334/301000		
REVISIONS		
DATE	SHEET NO.	BY
07-08-19	23,24,25,26,37,39,	
	40, & 42	JMR
07-15-19	10 & 11	JMR
10-07-19	11, 12 & 13	JMR

REVISION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
	DETAILED INDEX		
DATE			
	PROJ. NO.: BR-0023-02(058) COUNTY: ATTALA		
DESIGN TEAM	FA	CHECKED	DATE
WORKING NUMBER		SHEET NUMBER	
DI-1		2	

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STATE	PROJECT NO.
MISS.	BR-0023-02(058)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

STANDARD DRAWINGS - ROADWAY DESIGN SHEETS (2017) - (CONTINUED)

TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS
 TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS
 TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS
 LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLE)
 TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE
 RIGHT-OF-WAY MARKER
 RURAL DRIVEWAYS
 TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS
 MISCELLANEOUS DETAIL SHEET, 1. STACKED PIPE JOINTS, 2. EXCAVATION AT GRADE POINTS
 DETAILS OF PAVED FLUMES
 PIPE CULVERT INSTALLATION
 FLEXIBLE PIPE CULVERT INSTALLATION
 CONCRETE PIPE COLLAR
 FLARED END SECTION FOR CONCRETE PIPE

TCP-9 6359
 TCP-12 6362
 TCP-13 6363
 TCP-15 6365
 TCP-16 6366
 RW-1 6401
 RD-1 6403
 GT-1 6404
 MDS-1 6425
 PF-1 6426
 PI-1 6501
 PI-2 6502
 PC-1 6503
 FE-1 6530

BRIDGE (BOX CULVERT) STANDARD DRAWINGS - 1997 (7)

COLLAR DETAILS FOR BOX STRUCTURES
 EXTENSION DETAILS FOR LENGTHENING EXISTING BOX CULVERTS
 BASIC CULVERT DWG - SINGLE CELL - HEIGHT 6 FT. - SPANS 6-20 FT.
 BASIC CULVERT DWG - SINGLE CELL - HEIGHT 6 FT. - SPANS 6-20 FT.
 WINGS W/ 3:1 SLOPES - SINGLE CELL - HEIGHT 6-12 FT. - SPANS 6-24 FT.
 WINGS W/ 3:1 SLOPES - SINGLE CELL - HEIGHT 6-12 FT. - SPANS 6-24 FT.
 WINGS W/ 3:1 SLOPES - SINGLE CELL - HEIGHT 6-12 FT. - SPANS 6-24 FT.

ICJ-1-97 7504
 ICX-1-97 7506
 IBS-6-2W-97 7507
 IBS-6-2W-97 7508
 IWS-3-97 7515
 IWS-3-97 7516
 IWS-3-97 7517


CROSS SECTIONS - (39)

MAINLINE (SR 35) - SITE 1 - STA. 1498+00.00 TO STA. 1517+50.00
 DETOUR (SR 35) - SITE 1 - STA. 0+00.00 TO STA. 17+12.56
 MAINLINE (SR 35) - SITE 2 - STA. 1575+00.00 TO STA. 1595+00.00
 DETOUR (SR 35) - SITE 2 - STA. 0+00.00 TO STA. 16+53.06

9001-9010
 9011-9019
 9020-9030
 9031-9039

TOTAL SHEETS (EXCLUDING BRIDGE SHEETS) - 151
 (SEE SHEET 8001 FOR BRIDGE SHEETS)

7/19/2019 1:51:00:42 DI.DGN
 PLAN DIVISION
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		DETAILED INDEX	
			
		PROJ. NO.: BR-0023-02(058) COUNTY: ATTALA	
		WORKING NUMBER	DI-2
		FILENAME: DI.DGN	SHEET NUMBER
DATE	DESIGN TEAM	FA	CHECKED
			DATE
			3

STATE	PROJECT NO.
MISS.	BR-0023-02(058)

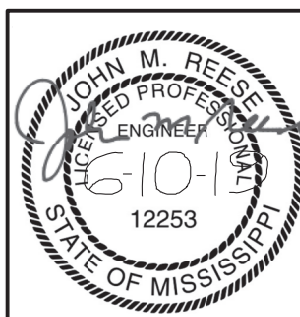
GENERAL NOTES

- 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 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 SOIL (BOTH NATURAL AND EMBANKMENT) SHALL BE CONSTRUCTED OF SOIL CLASSIFIED AS B-9 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 B-9-6 BORROW EXCAVATION. EXTREME CARE SHALL BE EXERCISED IN UNDERCUT AREAS, AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS AS DIRECTED BY THE ENGINEER. 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 WITH PLASTIC INSERTS AND BITUMINOUS SEALER TO THE SATISFACTION OF THE ENGINEER (NOT A SEPARATE PAY ITEM).
- 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)
- ⑬ FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS. (SEE WK. NO. ICJ-1 FOR DETAILS)
- ⑭ FOR LIST OF PUBLIC UTILITIES, SEE WK. NO. 3.
- ⑮ 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.
- ⑯ VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

GENERAL NOTES (CONT.)

- 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. NO. 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 STATIONS 1508+00 & 1585+00, SEE WORKING NUMBERS ECP-RB-3 AND ECP-RB-4. THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER. CLEARING LIMITS AT OTHER LOCATIONS SHOULD STILL APPLY.
- 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 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.
- ㉘ SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- ㉙ 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.

6/19/2019 7:28:52 AM CN, DGN


		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
			
		PROJ. NO.: BR-0023-02(058) COUNTY: ATTALA	
		WORKING NUMBER GN-1	
		SHEET NUMBER 4	
REVISION	BY	DATE	FILENAME: GN.DGN
			DESIGN TEAM FA CHECKED DATE

STATE	PROJECT NO.
MISS.	BR-0023-02(058)

GENERAL NOTES (CONT.)

- 30 THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, AND BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- 31 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.
- 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.
- 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 ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- 38 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.
- 39 EXISTING DRAIN PIPES, CULVERTS, CROSS DRAINS, AND OTHER DRAINAGE STRUCTURES THAT ARE TO REMAIN SHALL BE CLEANED OF SILT, TRASH, AND DEBRIS SATISFACTORILY TO THE ENGINEER. ALL COSTS OF SAID CLEANING WILL BE CONSIDERED SUBSIDIARY TO THE CONTRACT AND WILL NOT BE MEASURED AND PAID FOR DIRECTLY. EXISTING DRAIN PIPES, CULVERTS, SIDE DRAINS, AND CROSS DRAINS WITHIN THE PROJECT LIMITS THAT ARE NOT TO BE UTILIZED SHALL BE REMOVED OR COMPLETELY PLUGGED WITH FLOWABLE FILL, AND THE COST TO BE ABSORBED IN OTHER ITEMS BID.
- 40 ALL PAVEMENT MARKING SHALL BE FIELD LOCATED BY THE ENGINEER AND THE CONTRACTOR AT THE NEAREST PRACTICAL LOCATION INDICATED ON THE PLAN SHEETS.
- 41 ALL PROPOSED PAVEMENT MARKINGS, GUARDRAIL, AND PERMANENT SIGNING SHALL BE INSTALLED BEFORE OPENING THE NEW FACILITY TO TRAFFIC, UNLESS DIRECTED AND SPECIFICALLY APPROVED OTHERWISE BY THE ENGINEER.
- 42 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.
- 43 PRIOR TO CONSTRUCTION, THE CONTRACTOR IS TO CONTACT MR. JAMES MOONEY OF TEXAS EASTERN AT (662) 289-2991 OR (601) 594-9264 ABOUT CONSTRUCTION GUIDELINES NEAR THEIR GAS PIPELINE.

6/19/2019 7:28:52 AM GN.DGN

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
			
		PROJ. NO.: BR-0023-02(058) COUNTY: ATTALA	
		WORKING NUMBER GN-2	
		SHEET NUMBER 5	
REVISION	BY	DATE	FILENAME: GN.DGN
			DESIGN TEAM FA CHECKED DATE

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	BR-0008-05(038)	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. BR-0008-05(038)

BRIDGE REPLACEMENT
U.S. HWY. 49 ACROSS HOPSON BAYOU (BRIDGE NO. 295.3)
TALLAHATCHIE COUNTY

FMS CON. #: 105343/301000

SCALES

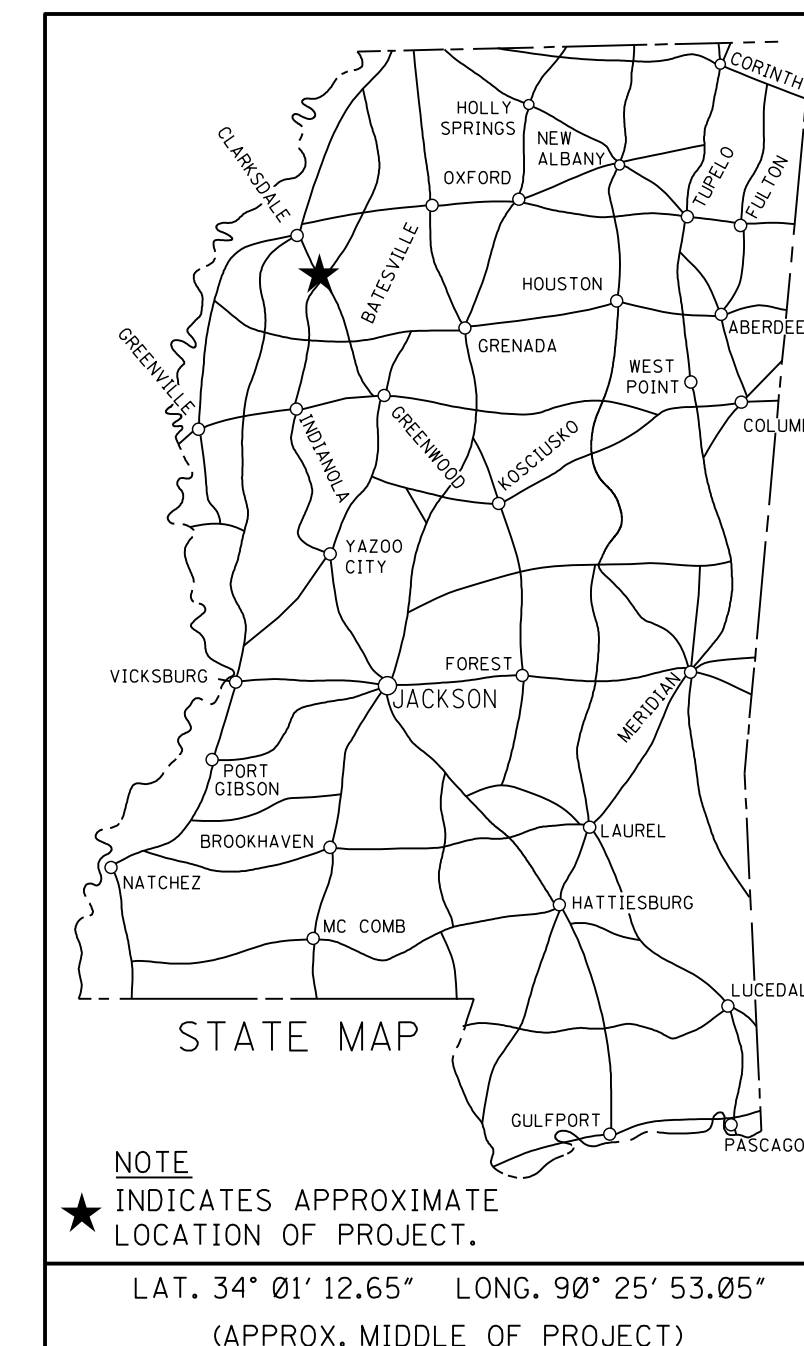
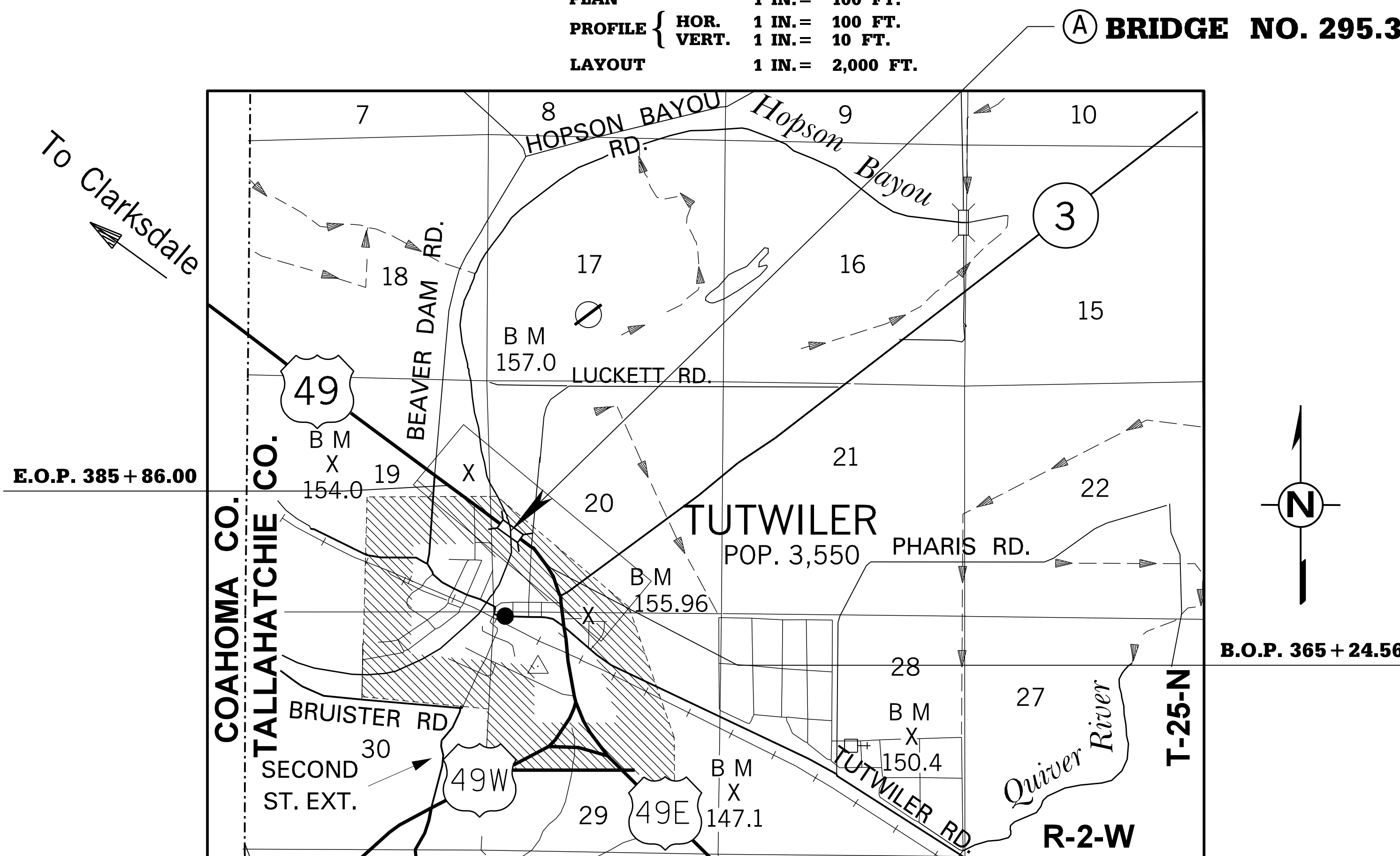
PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 2,000 FT.

BRIDGE STRUCTURES REQ'D.

- (A) BRIDGE NO. 295.3
 US 49 ACROSS HOPSON BAYOU
 STA. 374+88.65 TO STA. 378+21.35
 SPANS: 3 @ 110' - 0"
 SKEW: 30° RT. FWD.
 TOTAL LENGTH: 330' - 0"

BOX BRIDGES REQ'D.

NONE



DESIGN CONTROL

65 MPH = V (SPEED DESIGN)

ADT (2020) = 4,600 ; ADT (2040) = 6,900

DHV = 760 ; D = 60 % T = 13 %

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, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: _____ DATE: _____

EQUATIONS

NONE

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	1,731.44 FT.	0.328 MI.
LENGTH OF BRIDGES	330.00 FT.	0.063 MI.
LENGTH OF PROJECT (NET)	2061.44 FT.	0.391 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)	2061.44 FT.	0.391 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: 03/12/2019

APPROVED: _____
 DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR _____



3/12/2019 1:02:21 PM TLE-49.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	BR-0008-05(038)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	PERMANENT SIGNING SHEETS (1)		
DETAILED INDEX & GENERAL NOTES (4)			PERMAMENT SIGNING PLAN	PS-1	1001
DETAILED INDEX	DI-1	2			
DETAILED INDEX	DI-2	3	STANDARD DRAWINGS - ROADWAY SHEETS (56)		
GENERAL NOTES	GN-1	4	BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)	BE-1	6007
GENERAL NOTES	GN-2	5	BRIDGE END PAVEMENT RAIL (33.5" RAIL HEIGHT)	BER-1	6009
			PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS	PM-1	6051
TYPICAL SECTION SHEETS (3)					
TYPICAL SECTION - US 49 - WIDENING AND OVERLAY	TS-1	6			
TYPICAL SECTION - US 49 - NEW CONSTRUCTION	TS-2	7	TYPICAL TEMPORARY EROSION CONTROL/SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
TYPICAL SECTION - DETOUR ROAD	TS-3	8	DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
			DETAILS OF SILT FENCE INSTILLATION	ECD-3	6103
			DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	6104
			TEMPORARY EROSION, SEDIMENT, & WATER POLLUTION CONTROL MEASURES (SILT FENCE & HAY BALE DITCH CHECKS)	ECD-5	6105
SUMMARY OF QUANTITY SHEETS (3)					
SUMMARY OF QUANTITIES	SQ-1	9	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	6106
SUMMARY OF QUANTITIES	SQ-2	10	DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	6107
SUMMARY OF QUANTITIES	SQ-3	11	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
ESTIMATED QUANTITY SHEETS (8)					
ESTIMATED QUANTITIES - EARTHWORK AND EROSION CONTROL ITEMS	EQ-1	12	TYPICAL APPLICATIONS & DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
ESTIMATED QUANTITIES - SIDE DRAINS & DRIVEWAYS REQ'D., TEMP. GUARDRAIL REQ'D.	EQ-2	13	INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS	ECD-12	6112
ESTIMATED QUANTITIES - BRIDGE END PAVEMENT, GUARD RAIL REQ'D. AND CURB & GUTTER & ISLANDS	EQ-3	14	INLET PROTECTION DETAILS OF WATTLES	ECD-13	6113
ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-4	15	INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	6114
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS AND PERMANENT PAVEMENT MARKINGS	EQ-5	16	INLET PROTECTION DETAILS OF SANDBAGS	ECD-15	6115
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-6	17			
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN (POST) QUANTITIES	SRS-1	18	STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN QUANTITIES	SRS-2	19	TEMPORARY CULVERT STREAM CROSSING	ECD-17	6117
			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
PLAN & PROFILE SHEETS (2)					
US 49 - BR. NO. 295.3 - B.O.P. 365+24.56 TO E.O.P. 385+75.00	3	20	DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	6123
US 49 - DETOUR BR. NO. 1 - STA. 0+00 TO STA. 20+13.478	3A	21			
SPECIAL DESIGN SHEETS - ROADWAY SHEETS (19)					
INTERSECTION DETAIL - HWY. 49 AND ALMA / MABRY ROADS	ID-1	22	GUARDRAIL: "W" BEAM (WOOD POSTS)	GR-1	6201
INTERSECTION DETAIL - ISLAND DIMENSIONS	ID-2	23	GUARDRAIL: THRIE BEAM (WOOD POSTS)	GR-1A	6202
			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
R.O.W. COORDINATE SHEET	RCS-1	24	GUARDRAIL: RUB RAIL HARDWARE	GR-RR	6218
PERMANENT PAVEMENT MARKING - HWY. 49	PMD-1	25			
DETAILS OF CONSTRUCTION SIGNING - HWY. 49 @ B.O.P.	DCS-1	26	GUARDRAIL: MISCELLANEOUS HARDWARE	GR-HW	6221
DETAILS OF CONSTRUCTION SIGNING - HWY. 49 @ E.O.P.	DCS-2	27			
TRAFFIC CONTROL PLAN - PHASE 1 & 3 - DRUM & SIGN PLACEMENT	TC-1	28	STANDARD ROADSIDE SIGNS	SN-3A	6304
TRAFFIC CONTROL PLAN - PHASE 2 - DRUM & SIGN PLACEMENT	TC-2	29	STANDARD ROADSIDE SIGNS	SN-3B	6305
TRAFFIC CONTROL PLAN - PHASE 2 - TEMP. PAVEMENT MARKING PLACEMENT	TC-3	30			
MISCELLANEOUS TYPICAL SECTION DETAILS	MTSD	31			
GUARDRAIL (TEMPORARY): TYPICAL INSTALLATION AT DETOUR BRIDGE ENDS	SDTGR-1	32			
PIPE CULVERT INSTALLATION	SDPI-1	33			
SUPERELEVATION CASE 1 ROTATION ABOUT CENTERLINE (2% NORMAL UPGRADE)	SDSE-2A	34			
SUPERELEVATION RUNOFF CASE 1 ROTATION ABOUT CENTERLINE	SDSE-3A	35			
GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	SDGR-4A	36			
PRELIMINARY EROSION CONTROL PLANS - US 49 - BR. NO. 295.3 - B.O.P. 365+24.56 TO E.O.P. 385+75.00	ECP-3	37			
PRELIMINARY EROSION CONTROL PLANS - US 49 - RIPARIAN BUFFER	ECP-RB-3	38			
PRELIMINARY EROSION CONTROL PLANS - US 49 - DETOUR BR. NO. 1 - STA. 0+00 TO STA. 20+13.478	ECP-3A	39			
VEGETATION SCHEDULE	VS-1	40			

BRELAND		
PS & E PLANS-DATE 03/12/2019		
FMS CON. # 105343/301000		
REVISIONS		
DATE	SHEET NO.	BY
6/19/19	5	CLB
7/15/19	2, 7, 9-11, 13, 18, 21, 1001	CLB
10/07/19	9	SR

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DETAILED INDEX	
U.S. HWY. 49	
PROJ. NO.: BR-0008-05(038)	
COUNTY: TALLAHATCHIE	
FILENAME: <u>RWD-DI</u>	WORKING NUMBER
DESIGN TEAM <u>BRELAND</u> CHECKED _____ DATE _____	DI-1
	SHEET NUMBER
	2

10/9/2019 8:30 AM RWD-DI MISSISSIPPI DEPARTMENT OF TRANSPORTATION

STATE	PROJECT NO.
MISS.	BR-0008-05(038)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

STANDARD DRAWINGS - ROADWAY SHEETS (CON'T)

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
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6351
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS	TCP-6	6356
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358
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
RIGHT-OF-WAY MARKER	RW-1	6401
RURAL DRIVEWAYS	RD-1	6403
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	GT-1	6404
SIGHT FLARE	SF-1	6405
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

CROSS SECTIONS (21)

MAIN FACILITY - B.O.P. 365+24.56 TO E.O.P. 385+75.00	9001-9011
DETOUR ROAD - US 49 - STA. 0+00 TO STA. 20+13.478	9012-9021

TOTAL SHEETS (118) (NOT INCLUDING BRIDGE SHEETS)

3/11/2019 11:51 AM RWD-DI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
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PROJ. NO.: BR-0008-05(038)	
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STATE	PROJECT NO.
MISS.	BR-0008-05(038)

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) 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) ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED WITH PLASTIC INSERTS AND BITUMINOUS SEALER TO THE SATISFACTION OF THE ENGINEER (NOT A SEPARATE PAY ITEM).
- (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) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (12) FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
- (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) 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.
- (15) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.

GENERAL NOTES (CONT.)

- (16) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (17) 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.
- (18) 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.
- (19) 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.
- (20) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (21) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (22) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (23) 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.
- (24) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- (25) 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.

2/13/2019 3:26 PM RWD-GN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
		U.S. HWY. 49	
		PROJ. NO.: BR-0008-05(038)	
		COUNTY: TALLAHATCHIE	
		WORKING NUMBER	
		GN-1	
		SHEET NUMBER	
		4	
DATE	DESIGN TEAM	CHECKED	DATE
	BRELAND		



1st O.REV.


STATE	PROJECT NO.
MISS.	BR-0008-05(038)

GENERAL NOTES (CONT.)

GENERAL NOTES (CONT.)

- (26) CURB AND GUTTER VERTICAL DIMENSIONS SHOWN IN THE DETAIL DRAWINGS ARE FOR A CURB IN THE "CATCH" CONFIGURATION AND SHALL BE CONSIDERED TO BE MINIMUM DIMENSIONS. THE DIMENSIONS MAY BE MODIFIED AS NECESSARY FOR "SPILL" CURB AND GUTTER, BUT SHALL NOT BE LESS THAN THE MINIMUM SHOWN.
- (27) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- (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 DECK SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGE TO TRAFFIC.
- (30) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
- (31) 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.
- (32) 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.
- (33) 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.
- (34) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- (35) 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.
- △ (36) FOR CLEARING LIMITS ADJACENT TO THE STREAM AT STATION 376+55, SEE WORKING SHEET NUMBERS RB-3. THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER. CLEARING LIMITS AT OTHER LOCATIONS SHOULD APPLY.

6/19/2019 3:12 PM RWD-GN.DGN

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION GENERAL NOTES	
		U.S. HWY. 49	
		PROJ. NO.: BR-0008-05(038) COUNTY: TALLAHATCHIE	
		FILENAME: <u>RWD-GN</u>	
		DESIGN TEAM <u>BRELAND</u> CHECKED _____ DATE _____	
6/19/19	ADDED	NOTE	BY
		 WORKING NUMBER GN-2 SHEET NUMBER 5	