


										P S & E DATE:									
										APPROVED:									
										BY _____									
										DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER									
										EXECUTIVE DIRECTOR									
																			
										DATE _____									

1

5/20/2025 11:49 AM TLE.DGN

STATE	PROJECT NO.
MISS.	BR-2904-00(018)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET, DETAILED INDEX, AND GENERAL NOTES - (5)			SPECIAL DESIGN SHEETS - (CONT.)		
TITLE SHEET	-	1	SIGN SUPPORT HARDWARE - 2.5" SQUARE POST	TSS-1	37
DETAILED INDEX	DI-1	2	SIGN SUPPORT HARDWARE - 2.0" SQUARE POST	TSS-2	38
DETAILED INDEX	DI-2	3	1 2	SDGR-PI-1	39
GENERAL NOTES	GN-1	4		CSD-1	40
GENERAL NOTES	GN-2	5	CITY SEWER DETAILS - SANITARY SEWER SYSTEM DETAILS		
TYPICAL SECTIONS - (8)			PERMANENT SIGNING PLANS - (1)		
TYPICAL SECTIONS - US 80 - STA. 19+00.00 (B.O.P.) TO STA. 20+86.70	TS-1	6	PERMANENT SIGNING PLAN	PSP-1	1001
TYPICAL SECTIONS - US 80 - STA. 20+86.70 TO STA. 21+09.82	TS-2	7			
TYPICAL SECTIONS - US 80 - STA. 21+09.82 TO STA. 22+93.54	TS-3	8			
TYPICAL SECTIONS - US 80 - STA. 22+93.54 TO STA. 23+10.49	TS-4	9			
TYPICAL SECTIONS - US 80 - STA. 23+10.49 TO STA. 24+25.00	TS-5	10			
TYPICAL SECTIONS - US 80 - STA. 24+25.00 TO STA. 26+00.00 (E.O.P.)	TS-6	11			
TYPICAL SECTIONS - OAK ST. TIE-INS	TS-7	12			
TYPICAL SECTIONS - US 80 - BRIDGE END PAVEMENT AND PAVED SHOULDER AT BRIDGE ENDS	TS-8	13			
QUANTITY SHEETS - (11)			ITS COMPONENTS - (18)		
SUMMARY OF QUANTITIES	SQ-1	14	INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	N-1	3001
SUMMARY OF QUANTITIES	SQ-2	15	INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	LP-1	3002
SUMMARY OF QUANTITIES	SQ-3	16	INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	ITS-1	3003
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	ITS-2	3004
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	ITS-3	3005
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	ITS-4	3006
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	ASC-1	3007
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	ASC-2	3008
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	CAB-1	3009
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	CCTV-1	3010
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	ED-1	3011
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	FO-1	3012
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	FO-2	3013
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	FO-3	3014
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	FO-4	3015
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	FO-5	3016
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	FO-6	3017
			INFORMATION ONLY - AS-BUILT FIBER OPTIC PLANS	POW-1	3018
EASEMENT COORDINATE SHEET (1)			LIGHTING - (2)		
EASEMENT COORDINATES	EC-1	25	INFORMATION ONLY - AS-BUILT LIGHTING DETAILS	LD-1	4001
			INFORMATION ONLY - AS-BUILT LIGHTING DETAILS	LMD-1	4002
PLAN & PROFILE SHEETS - (4) 1 2			STANDARD DRAWINGS - ROADWAY DESIGN SHEETS (2017) - (60)		
US 80	3	26			
OAK ST.	3A	27			
CPKC RAILROAD	3B	28			
2 SEWER	3SEW	29	2		
SPECIAL DESIGN SHEETS - (11) 1 2 2			CONCRETE ISLAND PAVEMENT DETAILS		
TRAFFIC CONTROL PLAN AND CONSTRUCTION SIGNING	TC-1	30	PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS	CIP-1	6011
TRAFFIC CONTROL PLAN AND CONSTRUCTION SIGNING	TC-1A	31	PAVEMENT MARKING DETAILS FOR 3-LANE, 4-LANE AND 5-LANE UNDIVIDED ROADWAYS	PM-1	6051
TRAFFIC CONTROL PLAN - DETOUR SIGNING	TC-2	32	PAVEMENT MARKING LEGEND DETAILS	PM-2	6052
			TYPICAL TEMPORARY EROSION CONTROL / SEDIMENT CONTROL APPLICATIONS	PM-6	6056
			DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-1	6101
			DETAILS OF SILT FENCE INSTALLATION	ECD-2	6102
			DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-3	6103
			TEMPORARY EROSION , SEDIMENT, AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS)	ECD-4	6104
			DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-5	6105
			DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-6	6106
			ROCK DITCH CHECK	ECD-7	6107
			ROCK FILTER DAM	ECD-8	6108
			ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-9	6109
			TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-10	6110
			INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS	ECD-11	6111
				ECD-12	6112
PAVEMENT MARKING	PMD-1	33			
INTERSECTION DETAILS	ID-1	34			
LANE TRANSITION DETAILS	LTD-1	35			
VEGETATION SCHEDULE	VS-1	36			

FISHER & ARNOLD, INC.		
PS & E PLANS - 5/21/2025		
FMS CON. # 107643/302000		
REVISIONS		
DATE	SHEET NO.	BY
7/15/25	2, 3 & 39	JMR
8/20/25	2,3,14,15,16 &	
	26-40	JMR
10/1/25	14, 15 & 16	JMR

8/20/25

ADDED SHEETS

7/15/25

ADDED SHEET

DATE

JMR

JMR

BY

REVISION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJ. NO.: BR-2904-00(018)

COUNTY: RANKIN

FILENAME: DI.DGN

DESIGN TEAM FA

CHECKED

DATE

10-01-25

WORKING NUMBER

DI-1

SHEET NUMBER

2

DESCRIPTION OF SHEET

STANDARD DRAWINGS - ROADWAY DESIGN SHEETS (2017) - (CON'T.)

CROSS SECTIONS - (8)

MAINLINE (US 80) - SITE 1 - STA. 19+00 TO STA. 26+00

9001-9008

TOTAL SHEETS (EXCLUDING BRIDGE SHEETS) - 129  
(SEE SHEET 8001 FOR BRIDGE SHEETS)

8/20/2025 10:55AM DI.DGN

7/9/2025 10:04 AM GN.DGN PLAN DIVISION ROADWAY MISSISSIPPI DEPARTMENT OF TRANSPORTATION

FMS CON: 107643/ 302000	
STATE	PROJECT NO.
MISS.	BR-2904-00(018)

GENERAL NOTES

BRIDGES AND WALLS

- 1 THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- 2 STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.

DRAINAGE STRUCTURES

- 3 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.

EARTHWORK

- 4 A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM EXPLORATORY BORINGS AT THE LOCATIONS INDICATED IN THE GEOTECHNICAL REPORT. THIS SOIL PROFILE IS PROVIDED IN THE GEOTECHNICAL REPORT AND IS ALSO 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 40% SHRINKAGE FACTOR USED IN THE LVM EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- 6 THE TOP THREE FEET AND VARIABLE OF THE DESIGN SOILS (BOTH NATURAL AND EMBANKMENT) SHALL BE CONSTRUCTED OF SOIL CLASSIFIED AS B9 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-15 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 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 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.
- 9 VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL AND PRIOR TO PLACEMENT OF EMBANKMENT MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- 10 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 ABSORBED IN OTHER EARTHWORK ITEMS.
- 11 THE EXISTING ASPHALT PAVEMENT SHALL BE REMOVED AND REPLACED WITH CLASS B9 BORROW MATERIAL TO BE PLACED ON TOP OF THE EXISTING CONCRETE OR CHEMICALLY TREATED BASE MATERIAL TO BRING TO FINISHED GRADE. ANY ADDITIONAL BORROW MATERIAL REQUIRED OUTSIDE THE LIMITS OF THE PROPOSED PAVEMENT SHALL BE CLASS B9-6.

GENERAL NOTES (CONT.)

EROSION CONTROL - TEMPORARY

- 12 WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- 13 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.
- 14 ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.

PAVEMENT, BASE, AND SHOULDERS

- 15 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.

PLANS

- 16 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.
- 17 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.
- 18 SEE BRIDGE PLAN SHEETS FOR BRIDGE INDEX AND QUANTITIES.

ROADSIDE BARRIERS

- 19 ALL DIMENSIONS AND SPACEINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.

TRAFFIC CONTROL - PERMANENT

- 20 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.
- 21 ALL SIGN POST LENGTHS IN THESE PLANS ARE ESTIMATES. POST LENGTHS FOR ALL SIGNS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- 22 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.

(NOTES CONTINUED NEXT SHEET)

					BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
					REVISION	GENERAL NOTES	
						US 80 OVER CPKC RAILROAD	
						PROJ. NO.: BR-2904-00(018)	
						COUNTY: RANKIN	
					DATE	FILENAME: GN.DGN	
					DESIGN TEAM	FA	CHECKED DATE

JOHN M. REESE
PROFESSIONAL
ENGINEER
12253
STATE OF MISSISSIPPI

7-8-25

WORKING NUMBER
GN-1
SHEET NUMBER
4

STATE	PROJECT NO.
MISS.	BR-2904-00(018)

GENERAL NOTES (CONT.)


MISCELLANEOUS

- 39) 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.
- 40) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- 41) THE CONTRACTOR SHALL COORDINATE AND CONDUCT WORK AT LOCAL ROADS AND DRIVEWAYS IN A MANNER SUCH THAT ACCESS IS NOT INTERRUPTED UNNECESSARILY. ACCESS SHALL BE PRESERVED IN THE BEST MANNER POSSIBLE. COORDINATION AND COMMUNICATION WITH LANDOWNERS MAY BE NECESSARY TO PREVENT INTERRUPTION OF DRIVEWAY ACCESS.

TRAFFIC CONTROL - TEMPORARY

- NOTICE:
- THE NOTES CONTAINED HEREON ARE SPECIFIC TO THE SUBJECT PROJECT AND SHOULD BE REVIEWED IN DETAIL BY THE CONTRACTOR. PER SECTION 102.05 OF THE STANDARD SPECIFICATIONS, "THE BIDDER IS REQUIRED TO EXAMINE CAREFULLY THE SITE OF THE PROPOSED WORK, THE PROPOSAL, PLANS, STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, NOTICES TO BIDDERS, AND CONTRACT FORMS BEFORE SUBMITTING A PROPOSAL."

UTILITIES

- | | | | |
|---|----|--|------|
| <h1 style="margin: 0;">MISSISSIPPI DEPARTMENT OF TRANSPORTATION</h1> <h2 style="margin: 0;">GENERAL NOTES</h2> | |  | |
| <h3 style="margin: 0;">US 80 OVER CPKC RAILROAD</h3> | | | |
| <p style="font-size: 1.5em; margin: 0;">7-8-25</p> | | | |
| <p style="font-size: 1.2em; margin: 0;">PROJ. NO.: BR-2904-00(018)</p> <p style="font-size: 1.2em; margin: 0;">COUNTY: RANKIN</p> | | <p style="margin: 0;">WORKING NUMBER</p> <p style="font-size: 1.5em; margin: 0;">GN-2</p> | |
| <p style="margin: 0;">FILENAME: GN.DGN</p> | | <p style="margin: 0;">SHEET NUMBER</p> <p style="font-size: 1.5em; margin: 0;">5</p> | |
| DESIGN TEAM | FA | CHECKED | DATE |