PROJECT NUMBER

STATE OF MISSISSIPPI

BEGIN INCLUDED WITH **THIS PROJECT** SHEET ROADWAY 1

GENERAL INDEX

PERMANENT SIGNS1001 TRAFFIC SIGNALS2001

ITS COMPONENTS3001 LIGHTING4001

ROADWAY STANDARD DWGS6001 BOX CULVERT STD. DRAWINGS (LRFD) 7001

BOX CULVERT STD. DRAWINGS (STD. SPEC.)7501 BRIDGE8001

CROSS SECTIONS9001

BRIDGE STRUCTURES REQ'D.

STA. 61 + 90.92BRIDGE NO.: 2.1 SPANS REQ'D: 1@61'-1", 1@60', 1@61'-1" TOTAL LENGTH ALONG & = 182'-2" FT

BOX BRIDGES REQ'D.

E.O.P. STA. 81 + 34.12

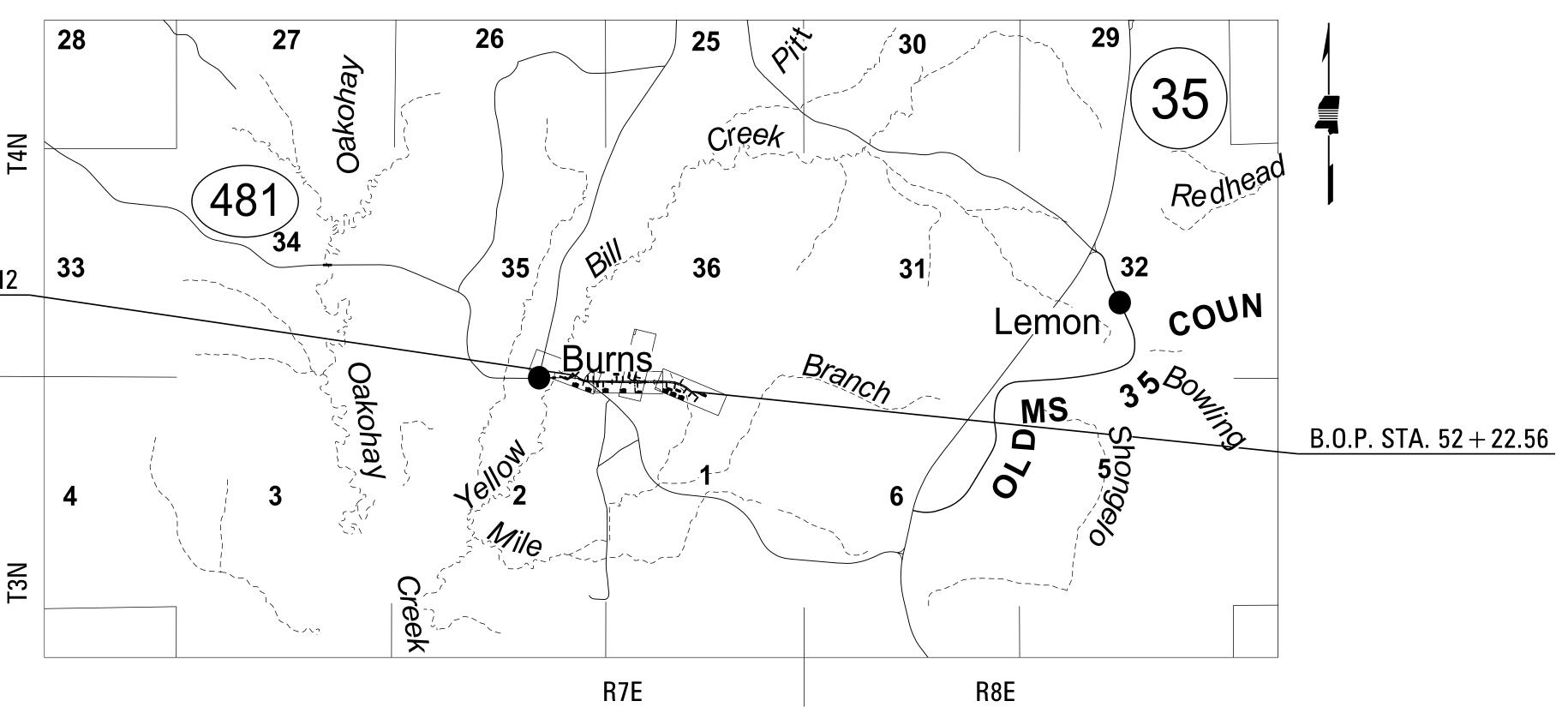
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-0331-00(013)

SR 481 BRIDGE REPLACEMENT (BRIDGE NOS. 2.1 & 2.3) SMITH COUNTY

> **SCALES** 1 IN. = 2.000 FT.**LAYOUT**

FMS CON. NO. 107851 / 301000

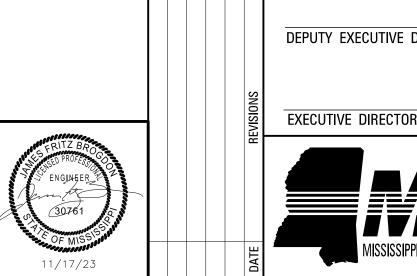


EQUATIONS

EXCEPTIONS

LENGTH DATA

LENGTH OF ROADWAY LENGTH OF BRIDGES LENGTH OF PROJECT (NET) LENGTH OF EXCEPTIONS LENGTH OF PROJECT (GROSS) 2731.56 FT. ؕ5173 MI. **Ø•**Ø341 MI. 180.00 FT. ؕ5514 MI. Ø.5514 MI.



BR-0331-00(013)

STATE MAP INDICATES APPROXIMATE LOCATION OF PROJECT LAT. 32°08' 7.59 N LONG. 89°32'51.04" W (APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL
55 MPH = V (SPEED DESIGN)
/
ADT $(2025) = 500$: ADT $(2045) = 650$ DHV = 70 : D = 60 % T = 12 %
DHV = 70 : D = 60 % T = 12 %

	PERMITS ACQU	IRED BY N	MD0T
	WETLANDS AND \	WATERS PERM	ITS
NAT GEN	TIONWIDE #14 TIONWIDE (OTHER)* ERAL* VIDUAL (404)*	WATERS N Y N N	WETLANDS N Y N N
	STORMWATER F	L	S
Υ	REQUIRED, CNOI SUB (DISTURBED AF	BMITTED BY MI REA = 5 ACRES)	DOT
S	REQUIRED, SCNOI TO CONTRACTOR (1	BE SUBMITTE TO 4.99 ACRES	D BY S)
N	NO STORMWATER PERM	1IT REQUIRED (<1 ACRE)

P S & E DATE: 4 /10 /24 DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

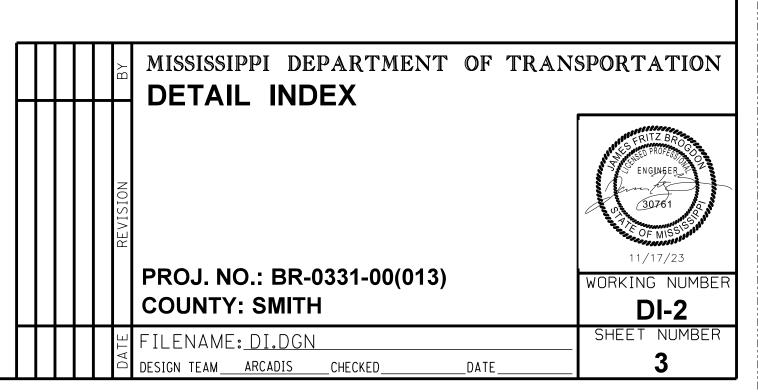
				STATE	PROJECT NO.
				MISS.	BR-0331-00(013)
	WKG.	SH.		WKG.	SH.
<u>DESCRIPTION OF SHEET</u>	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	NO.
TITLE SHEET (1)		1	PERMANENT SIGNING SHEETS - (3)		
DETAILED INDEX & OFNEDAL NOTES (5)			DEDMANIENT CLONING DI ANI LODI 404 LOTA FOLOGICA TO OTA FOLEGICA	DOD 4	4004
DETAILED INDEX & GENERAL NOTES - (5)			PERMANENT SIGNING PLAN - SR 481 - STA. 52+22.56 TO STA. 59+50.00	PSP- 1 PSP- 2	1001 1002
DETAILED INDEX	DI- 1	2	PERMANENT SIGNING PLAN - SR 481 - STA. 59+50.56 TO STA. 74+50.00 PERMANENT SIGNING PLAN - SR 481 - STA. 74+50.00 TO STA. 81+34.12	PSP- 2 PSP- 3	1002
DETAILED INDEX DETAILED INDEX	DI- 1	3	FEINMANENT SIGNING FEAR - SIX 401 - STA. 14+30.00 TO STA. 01+34.12	F-3F-3	1003
REVISION	REV- 1	4			
GENERAL NOTES	GN- 1	5	STANDARD DRAWINGS - ROADWAY - (51)		
GENERAL NOTES	GN- 2	6			
			PAVEMENT MARKING DETAILS FOR 2- LANE & 4- LANE DIVIDED ROADWAYS	PM- 1	6051
			2- WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (2- LANE)	PM- 11	6061
TYPICAL SECTION SHEETS - (4)			TYPICAL TEMPORARY EROSION CONTROL/SEDIMENT CONTROL APPLICATIONS	ECD- 1	6101
			DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD- 2	6102
TYPICAL SECTION - SR 481	TS- 1	7	DETAILS OF SILT FENCE INSTALLATION	ECD- 3	6103
TYPICAL SECTION - SR 902	TS- 2	8	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD- 4	6104
TYPICAL SECTION - MISC. DETAILS (DRIVEWAYS/RAMPS)	TS- 3	9	TEMPORARY EROSION, SEDIMENT, & WATER POLLUTION CONTROL MEASURES (SILT FENCE & HAY BALE DITCH CHECKS) DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD- 5	6105
TYPICAL SECTION - GUARDRAIL DETAILS	TS- 4	10	DETAILS OF EROSION CONTROL WATTLE DITCH CHECK DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD- 6 ECD- 7	6106 6107
			ROCK DITCH CHECK	ECD- 8	6108
QUANTITY SHEETS - (10)			ROCK BITCH CHECK ROCK FILTER DAM	ECD- 8 ECD- 9	6109
43.2			ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD- 10	6110
SUMMARY OF QUANTITIES	SQ- 1	11	TYPICAL APPLICATIONS & 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
ESTIMATED QUANTITIES - 1	EQ- 1	14	INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD- 14	6114
ESTIMATED QUANTITIES - 2	EQ- 2	15	INLET PROTECTION DETAILS OF SANDBAGS	ECD- 15	6115
ESTIMATED QUANTITIES - 3	EQ- 3	16	STABILIZED CONSTRUCTION ENTRANCE	ECD- 16	6116
ESTIMATED QUANTITIES - 4	EQ- 4	17	TEMPORARY STREAM DIVERSION	ECD- 18	6118
ESTIMATED QUANTITIES - 5	EQ- 5	18	TEMPORARY STREAM DIVERSION (BOX EXTENSION)	ECD- 19	6119
ESTIMATED QUANTITIES - 6	EQ- 6 EQ- 7	19 20	FLOATING TURBIDITY CURTAIN	ECD- 20	6120 6121
ESTIMATED QUANTITIES - 7	EQ- /	20	DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK SEDIMENT RETENTION BARRIER	ECD- 21 ECD- 22	6122
Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q			DETAILS OF TYPICAL DITCH TREATMENTS	DT- 1	6123
RIGHT- OF- WAY & EASEMENT COORDINATE SHEETS - (2)			DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT	DT- 1A	6124
			SUPER SILT FENCE	SSF- 1	6130
RIGHT- OF- WAY - MARKERS	ROW- MC	21	EROSION CONTROL BLANKET	ECB- 1	6131
RIGHT- OF- WAY & EASEMENTS	ROW- EC	22	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
PLAN & PROFILE SHEETS - (4)			GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON 2- LANE, 2- WAY HIGHWAYS	GR- 4C	6217
			GUARDRAIL: RUB RAIL HARDWARE	GR- RR	6218
SR 481 - B.O.P. TO STA. 60+50.00	3	23	STANDARD ROADSIDE SIGNS	SN- 3	6303
SR 481 - STA 60+50.00 TO STA 76+50.00	4	24 25	STANDARD ROADSIDE SIGNS STANDARD ROADSIDE SIGNS	SN- 3A SN- 3B	6304 6305
SR 902 - STA. 10+00.00 TO STA. 11+96.58 SR 481 - STA. 76+50.00 TO E.O.P.	4A 5	25 26	STANDARD ROADSIDE SIGNS STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN- 4	6306
3K 401 - 31A. 70130.00 TO L.O.F.	J	20	STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN- 4A	6307
			STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN- 4B	6308
SPECIAL DESIGN SHEETS - (17)			TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	SN- 8	6314
EROSION CONTROL PLAN - SR 481 - B.O.P. TO STA. 60+50.00	ECP- 3	27			
EROSION CONTROL PLAN - SR 481 - STA. 60+50.00 TO STA. 76+50.00	ECP- 4	28			
EROSION CONTROL PLAN - SR 902 - STA. 10+00.00 TO 11+96.58	ECP- 4A	29			
EROSION CONTROL PLAN - SR 481 - STA. 76+50.00 TO E.O.P.	ECP- 5	30			
RIPARIAN BUFFER - SR 481	ECP- RB- 1	31			
INTERSECTION DETAIL - SR 902	ID- 1	32	MISSISSIPPI DEPAI	RTMENT OF TRA	NSPORTATION
DETAIL OF CONSTRUCTION SIGN - SR 481 TRAFFIC CONTROL DI AN. SR 481 (RRIDGE 2.1) PHASE 1.8 PHASE 1.0	DCS- 1	33 34	DETAIL INDEX		,
TRAFFIC CONTROL PLAN - SR 481 (BRIDGE 2.1) - PHASE 1 & PHASE 1A TRAFFIC CONTROL PLAN - SR 481 (BRIDGE 2.3) - PHASE 2 & PHASE 2A	TC- 1 TC- 2	34 35		-	
TRAFFIC CONTROL PLAN - SR 481 (BRIDGE 2.3) - PHASE 2 & PHASE 2A TRAFFIC CONTROL DETAILS	TC- 3	36			FRITZ BRO
PAVEMENT MARKING DETAILS - SR 481 - STA. 52+22.56 TO STA. 59+50.00	PMD- 1	3 0 37			ENGINEER F. Z
PAVEMENT MARKING DETAILS - SR 481 - STA. 52+22.50 TO STA. 53+50.00 PAVEMENT MARKING DETAILS - SR 481 - STA. 59+50.56 TO STA. 74+50.00	PMD- 2	38			30761 2
PAVEMENT MARKING DETAILS - SR 481 - STA. 74+50.00 TO STA. 81+34.12	PMD- 3	39			OF MISSIPPIN
SIGN SUPPORT HARDWARE	TSS- 2	40		1-00(013)	11/17/23 WORKING NUMBER
VEGETATION SCHEDULE	VS- 1	41	COUNTY: SMITH	· · · · · · · · · · · · · · · · · · ·	DI-1
BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)	SDBE- 1	42	비 비 FILENAME: DI.DGN		SHEET NUMBER
37.5 IN. BRIDGE END PAVEMENT RAIL (9 IN. PAVEMENT)	SDBEPR- 1- 9	43	DESIGN TEAM ARCADIS CHE	CKEDDATE	2
				<u> </u>	

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPOR

STATE PROJECT NO.
MISS. BR-0331-00(013)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TYPICAL GUARDRAIL DELINEATION	SN- 8C	6317
SIGNING DETAILS FOR BRIDGE APPROACHES	SN- 9	6318
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
RIGHT- OF- WAY MARKER	RW- 1	6401
RURAL DRIVEWAYS	RD- 1	6403
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	GT- 1	6404
SUPERELEVATION - CASE I (ROTATION ABOUT CENTERLINE)	SE- 2A	6408
SUPERELEVATION RUNOFF - CASE I (ROTATION ABOUT THE CENTERLINE)	SE- 3A	6413
DRIVEWAYS, CURB & GUTTER, & SIDEWALK	SD- 1	6419
DETAILS OF PAVED FLUMES	PF- 1	6426
BOX BRIDGE & BOX CULVERT PLAN ASSEMBLY PROCEDURE BASIC CULVERT DRAWING - COLLAR LOCATIONS - NORMAL AND SKEWED CULVERTS - GROUP 1 DIAGRAMS BARREL DETAILS FOR SINGLE CELL BOX CULVERT - HEIGHT 8 FT., SPANS 8- 20 FT. BARREL DETAILS FOR SINGLE CELL BOX CULVERT - HEIGHT 8 FT., SPANS 8- 20 FT. BARREL DETAILS FOR SINGLE CELL BOX CULVERT - HEIGHT 8 FT., SPANS 8- 20 FT. WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 0 DEG SKEW DETAILS HEIGHT 6- 12 FT, SPANS 8- 20 FT WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 0 DEG SKEW DETAILS HEIGHT 8 FT, SPANS 8- 20 FT WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 0 DEG SKEW DETAILS HEIGHT 8 FT, SPANS 8- 20 FT	1- 4 IBJL- 1 IBS- 8 IBS- 8 IWS- 3W IWS- 8- 3W IWS- 8- 3W	7004 7005 7014 7015 7016 7032 7035 7036
BRIDGE DRAWINGS - (18)		8001- 8018
CROSS SECTIONS - (16)		0004 0044
SR 481		9001- 9014
SR 902		9015- 9016

TOTAL SHEETS - (139)



FMS CON: 107851/301000

STATE PROJECT NO.

MISS. BR-0331-00(013)

SUMMARY OF REVISIONS						
DATE	1ST ORDER	ADDENDUM	2ND ORDER	ВҮ	WK-NO	DESCRIPTION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

REVISIONS

PROJ. NO.: BR-0331-00(013)
COUNTY: SMITH

FILENAME: TC-3.DGN
DESIGN TEAM ARCADIS CHECKED DATE SHEET NUMBER

4

ROADWAY DESIGN DI MISSISSIPPI DEPARTMENT OF

Z (C)

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 WITHOUT WRITTEN APPROVAL FROM THE PROJECT ENGINEER. SEE NOTICE TO BIDDERS ENTITLED "MATERIAL STORAGE UNDER BRIDGES" FOR MORE INFORMATION.

DRAINAGE STRUCTURES

- (3) 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.
- (4) 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.
- (5) 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.
- (6) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- (7) 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.
- (8) 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.
- (9) 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- (10) 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.
- (11) 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.
- (12) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (13) THIN LAYERS OF ROCK ENCOUNTERED DURING EXCAVATION WILL BE PAID FOR AS UNCLASSIFIED EXCAVATION.
- (14) 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.

ENVIRONMENTAL & CLEARING

- (15) NO TEMPORARY CULVERT STREAM CROSSINGS WILL BE ALLOWED.
- (16) FOR CLEARING LIMITS ADJACENT TO THE STREAMS AT STATION(S) 62+82.00, SEE WORKING SHEET NUMBERS ECP-RB-1
 THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.

EROSION CONTROL - TEMPORARY

(17) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)

- (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) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.

PAVEMENT, BASE, AND SHOULDERS

- (20) THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE PAVED OR UNPAVED SHOULDER THAT MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF **THE**MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.
- (21) TEMPORARY PAVEMENT JOINTS (PAPER JOINTS) SHALL BE EMPLOYED AT ALL LOCATIONS REQUIRING TRAFFIC TO TRAVERSE AN UNEVEN PAVEMENT JOINT. PAPER JOINTS SHALL BE A MINIMUM OF OF 9 FEET IN LENGTH AND SHALL BE ADEQUATELY MAINTAINED.
- (22) 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

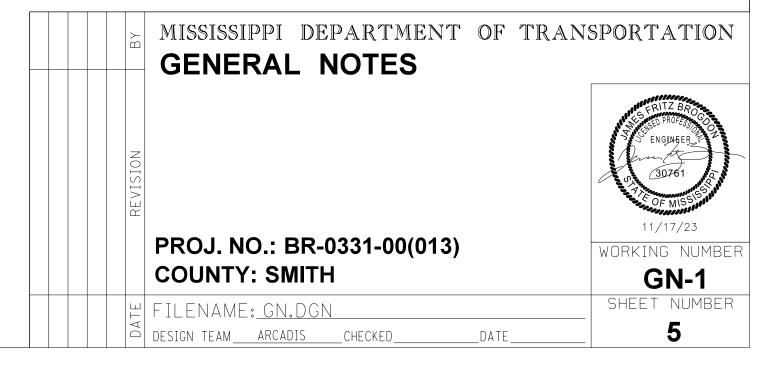
- (23) IF COLORS ARE USED ON PLAN/PROFILE SHEETS, THEY ARE INTENDED TO VISUALLY EASE THE LOCATION OF ELEMENTS FOR USERS OF THESE DRAWINGS. ALTHOUGH THE INTENT IS TO CATEGORIZE EVERYTHING AS EITHER EXISTING OR PROPOSED, IT IS THE END USER'S RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETED CORRECTLY, REGARDLESS OF COLOR.
- (24) ALL ADDENDA TO THESE PLANS WILL BE POSTED TO <u>WWW.MDOT.MS.GOV</u> 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.
- (25) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.

ROADSIDE BARRIERS

(26) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR

TRAFFIC CONTROL - PERMANENT

- (27) 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.
- (28) 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.
- (29) 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.
- (30) DIRECT-APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM MDOT'S PROJECT ENGINEER.
- (31) ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.



(32) ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.

- (33) THE RETROREFLECTIVE SIGN SHEETING ON PERMANENT GROUND-MOUNTED SIGNS SHALL BE AS FOLLOWS: BROWN BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE VIII; GREEN AND BLUE BACKGROUND SHEETING ON GUIDE SIGNS SHALL BE MINIMUM TYPE IX; ALL WHITE, YELLOW, FLUORESCENT YELLOW AND FLUORESCENT YELLOW/GREEN SHEETING SHALL BE TYPE XI. ALL SIGN SHEETING ON OVERHEAD SIGNS SHALL BE TYPE XI.
- (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) ALL SIDE ROAD, STOP SIGN MOUNTED STREET NAME SIGNS TO BE SALVAGED AND STORED AT THE DIRECTION OF THE PROJECT ENGINEER FOR DELIVERY TO THE CITY (NOT A SEPARATE PAY ITEM).
- (36) 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.
- (37) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.

TRAFFIC CONTROL - TEMPORARY

- (38) THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- (39) ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE *MUTCD* (LATEST EDITION).
- (40) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL
- (41) 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.
- (42) THE CONTRACTOR SHALL COVER OR REMOVE ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- (43) THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- (44) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS

UTILITIES

- (45) 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.
- (46) FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
- (47) 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.
- (48) 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.
- (49) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (50) 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.



PROJ. NO.: BR-0331-00(013) COUNTY: SMITH

|닏| FILENAME: GN.DGN DESIGN TEAM <u>ARCADIS</u> CHECKED

SHEET NUMBER

WORKING NUMBER

GN-2