

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	BR-0046-01(016)	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 checked="" 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.

STA. 1499 + 40.00
 BRIDGE NO.: 45.0
 SPANS REQ'D.: 1@125', 1@560'
 (1@165', 1@230', 1@165'), 2@125'
 TOTAL LENGTH ALONG ϕ = 935.00'

BOX BRIDGES REQ'D.

STA. 1518 + 95.09
 BRIDGE NO.: 44.7
 DBL. 20' X 12' R.C.B.B. REQ'D.
 TOTAL LENGTH ALONG ϕ = 42.75'

CONVENTIONAL SYMBOLS

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

LENGTH OF ROADWAY	2915.00 FT.	0.5521 MI.
LENGTH OF BRIDGES	935.00 FT.	0.1771 MI.
LENGTH OF PROJECT (NET)		0.7292 MI.
LENGTH OF EXCEPTIONS		MI.
LENGTH OF PROJECT (GROSS)		0.7292 MI.

EQUATIONS

R 3 E
 R 4 E

LENGTH DATA

2915.00 FT.	0.5521 MI.
935.00 FT.	0.1771 MI.
	0.7292 MI.
	MI.
	0.7292 MI.

EXCEPTIONS

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

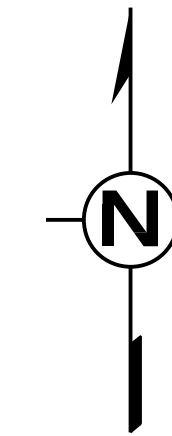
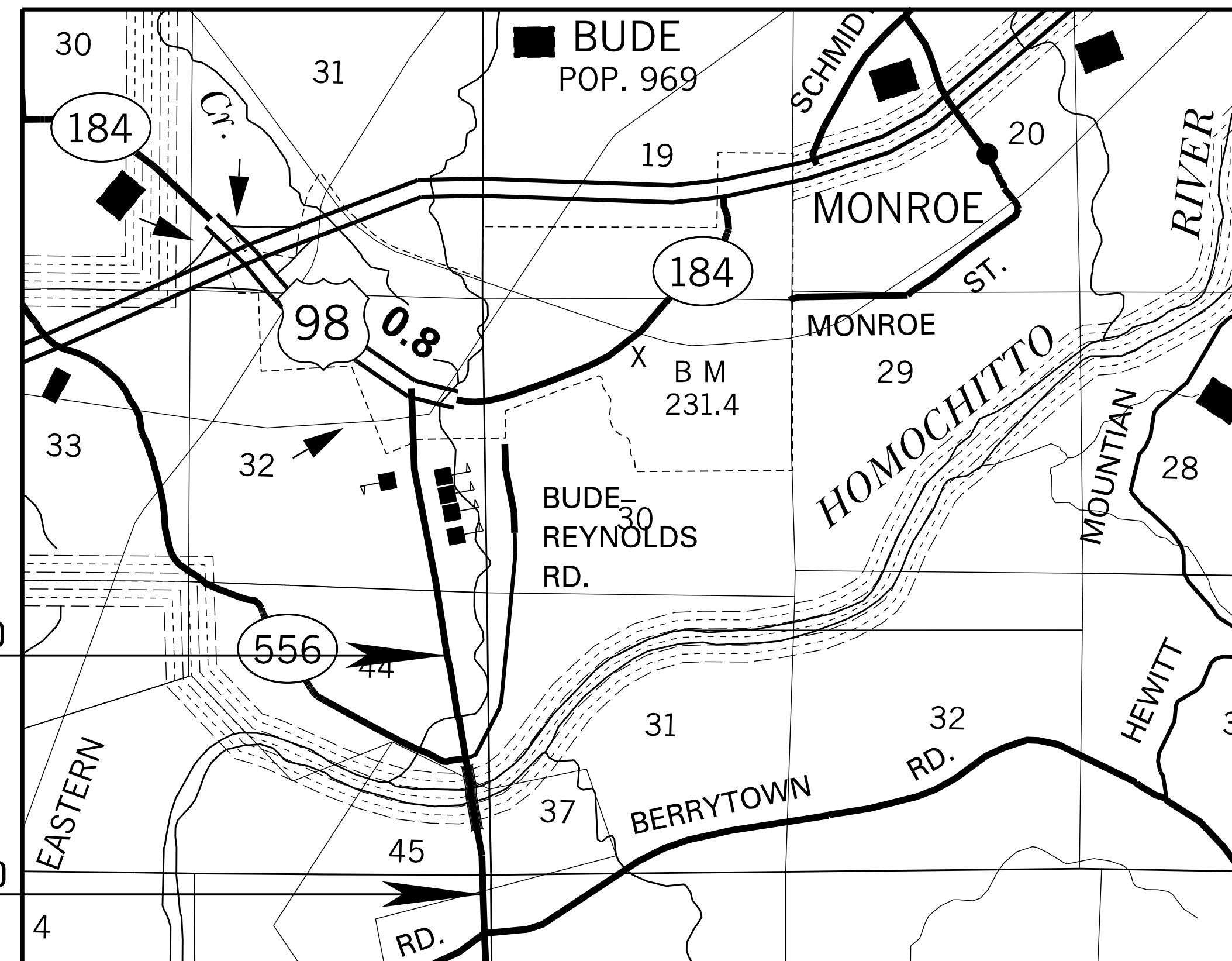
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-0046-01(016)

U.S. 98 BRIDGE REPLACEMENT
 BUDE - LINCOLN HOMOCHITTO RIVER
 BRIDGE #'S 44.7 & 45.0
 FRANKLIN COUNTY

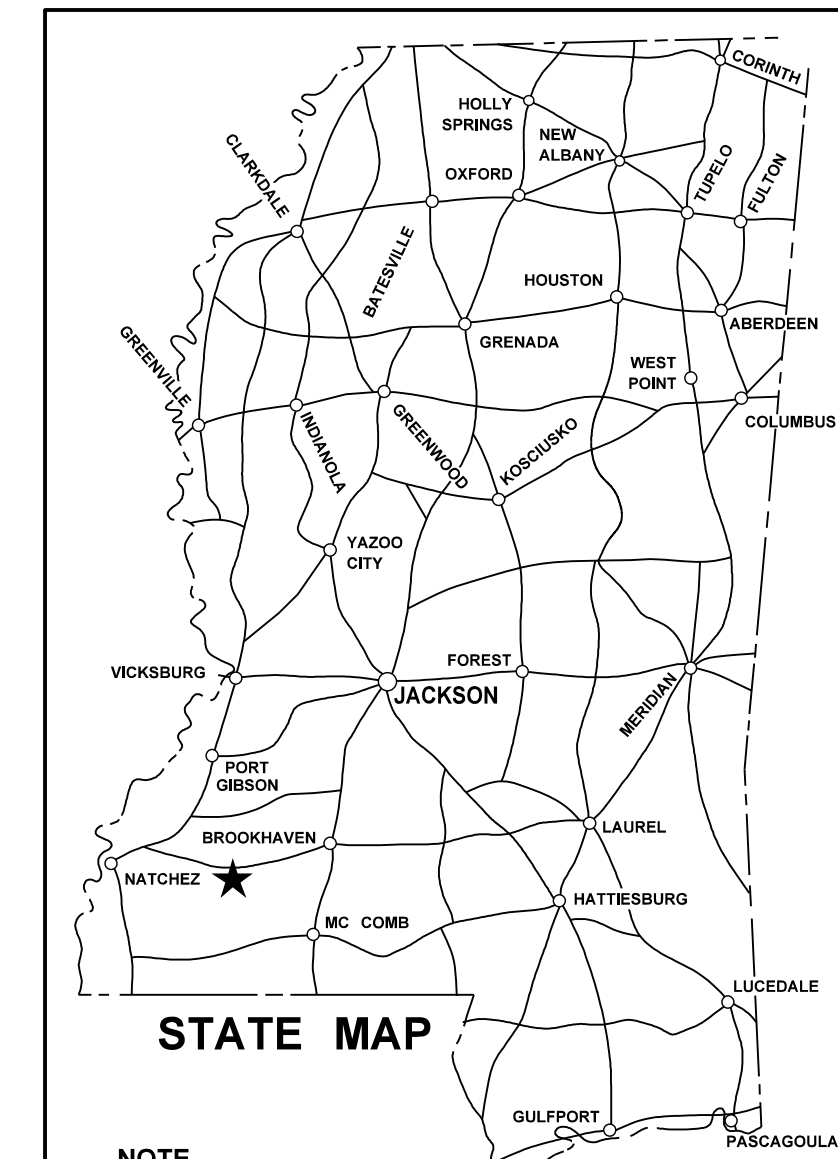
FMS CON. NO. 100888/ 301000

SCALES

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



T 6 N
 T 5 N



NOTE
 * INDICATES APPROXIMATE LOCATION OF PROJECT.
 LAT. 31°26'26.54" N LONG. 90°51'21.07" W
 (APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

65 MPH = V (SPEED DESIGN)
ADT (2020) = 4200 ; ADT (2040) = 5600
DHV = 620 ; D = 60 % T = 15 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS		
	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
STORMWATER PERMIT <input checked="" type="checkbox"/> Y		
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: 02/13/2023

APPROVED: _____
 DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

 EXECUTIVE DIRECTOR




STATE	PROJECT NO.
MISS.	BR-0046-01(016)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	SPECIAL DESIGN SHEETS (CONT.)		
DETAILED INDEX & GENERAL NOTES (4)			INTERSECTION DETAIL - MULLINS LANE (S.R. 556) & REYNOLDS ROAD	ID-1	52
DETAILED INDEX	DI-1	2	FORMGRADES - U.S. 98, MULLINS LANE (S.R. 556) & REYNOLDS ROAD	FG-1	53
DETAILED INDEX	DI-2	3	FORMGRADES - U.S. 98, MULLINS LANE (S.R. 556) & REYNOLDS ROAD	FG-2	54
GENERAL NOTES	GN-1	4	FORMGRADES - U.S. 98, MULLINS LANE (S.R. 556) & REYNOLDS ROAD	FG-3	55
GENERAL NOTES	GN-2	5	FORMGRADES - U.S. 98, MULLINS LANE (S.R. 556) & REYNOLDS ROAD	FG-4	56
TYPICAL SECTION SHEETS (7)			PAVEMENT MARKING DETAIL - U.S. 98, MULLINS LANE (S.R. 556) & REYNOLDS ROAD	PMD-1	57
TYPICAL SECTION - NEW CONSTRUCTION (U.S. 98)	TS-1	6	DETAIL OF STRIPING NON-CHANNELIZED INTERSECTION (2-LANE HIGHWAY) (FOR DETOUR OVERLAY)	PMD-2	58
TYPICAL SECTION - NEW CONSTRUCTION - LOCAL ROADS (MULLINS LANE & REYNOLDS STREET)	TS-2	7	DETAIL OF STRIPING CHANNELIZED INTERSECTION (2-LANE HIGHWAY) (FOR DETOUR OVERLAY)	PMD-3	59
TYPICAL SECTION - GUARDRAIL DETAILS - U.S. 98	TS-3	8	DETAIL FOR CURB & ISLAND STRIPING (FOR DETOUR OVERLAY)	DCIS-1	60
TYPICAL SECTION - GUARDRAIL DETAILS - MULLINS LANE S.R. 556	TS-4	9	PRELIMINARY EROSION CONTROL PLAN	ECP-3	61
TYPICAL SECTION - MISCELLANEOUS DETAILS (DRIVEWAYS/RAMPS)	TS-5	10	PRELIMINARY EROSION CONTROL PLAN	ECP-4	62
TYPICAL SECTION - (YAP 3 RD. / S.R. 184 / MAIN ST.) (FOR DETOUR OVERLAY)	TS-6	11	PRELIMINARY EROSION CONTROL PLAN	ECP-4A	63
TYPICAL SECTION - (GLOSTER ST.) (S.R. 184 / MAIN ST.) (CURB & GUTTER) (FOR DETOUR OVERLAY)	TS-7	12	PRELIMINARY EROSION CONTROL PLAN - REPARIAN BUFFER	ECP-RB1	64
			PRELIMINARY EROSION CONTROL PLAN - REPARIAN BUFFER	ECP-RB2	65
			PRELIMINARY EROSION CONTROL PLAN - REPARIAN BUFFER	ECP-RB3	66
QUANTITY SHEETS (15)			SURVEY CONTROL DATA SHEET	SCDS-1	67
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SUMMARY OF QUANTITY	SQ-2	14	SURVEY CONTROL DATA SHEET	SCDS-3	69
SUMMARY OF QUANTITY	SQ-3	15	SURVEY CONTROL DATA SHEET	SCDS-4	70
SUMMARY OF QUANTITY	SQ-4	16			
ESTIMATED QUANTITIES - REMOVAL ITEMS	EQ-1	17	SPECIAL DESIGN - SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE	SDSE-3A	71
ESTIMATED QUANTITIES - TRAFFIC CONTROL & PAVEMENT MARKING ITEMS	EQ-2	18	SPECIAL DESIGN - BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB	SBDE-1	72
ESTIMATED QUANTITIES - EROSION CONTROL ITEMS	EQ-3	19	SPECIAL DESIGN - 37.5" BRIDGE END PAVEMENT RAIL	SDBER-1	73
ESTIMATED QUANTITIES - EARTHWORK	EQ-4	20	SIGNING DETAILS FOR BRIDGE APPROACHES	SDSN-9	74
ESTIMATED QUANTITIES - DRIVEWAYS/RAMPS, SIDE DRAINS, & TYPE "D" SILT BASINS	EQ-5	21			
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES, JUNCTION BOXES, AND CURB & GUTTER	EQ-6	22	SIGN SUPPORT HARDWARE - 2.5" SQUARE POST	TSS-1	75
ESTIMATED QUANTITIES - BRIDGE END PAVEMENT & GUARD RAIL	EQ-7	23	SIGN SUPPORT HARDWARE - 2.0" SQUARE POST	TSS-2	76
ESTIMATED QUANTITIES - BOX CULVERTS & BOX BRIDGE	EQ-8	24	TYPICAL RUMBLE STRIP INSTALLATION	RSP-26	77
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN	EQ-9	25			
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN (POST)	EQ-10	26	VEGETATION SCHEDULE	VS-1	78
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	TCP-Q	27	RIGHT OF WAY COORDINATES - RIGHT OF WAY MARKERS	ROW-MC	79
			EASEMENT COORDINATES - TEMPORARY	ROW-EC	80
PLAN AND PROFILE SHEETS (3)			PERMANENT SIGNS (3)		
PLAN AND PROFILE SHEET - U.S. 98, STA. 1484+00 TO STA. 1506+00	3	28	PERMANENT SIGNING PLANS	PSP-1	1001
PLAN AND PROFILE SHEET - U.S. 98, STA. 1506+00 TO STA. 1522+50	4	29	PERMANENT SIGNING PLANS	PSP-2	1002
PLAN AND PROFILE SHEET - LOCAL ROADS, MULLINS LANE (S.R. 556) & REYNOLDS ROAD	4A	30	PERMANENT SIGNING PLANS	PSP-3	1003
SPECIAL DESIGN SHEETS (50)			ROADWAY STANDARD DRAWINGS (67)		
TRAFFIC CONTROL - SEQUENCE OF CONSTRUCTION	TC-SOC	31	PAVEMENT MARKING DETAILS FOR 2-LANE & 4-LANE DIVIDED ROADWAYS	PM-1	6051
DETAIL OF CONSTRUCTION SIGNING (PHASE I & III)	DCS-1	32	2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (2-LANE)	PM-11	6061
DETAIL OF CONSTRUCTION SIGNING (PHASE I & III)	DCS-2	33	RUMBLE STRIPES 2-LANE HIGHWAYS (ASPHALT LANES, 2-FT ASPHALT SHOULDERS)	RS-1	6064
DETAIL OF CONSTRUCTION SIGNING (FOR DETOUR OVERLAY)	DCS-3	34			
DETAIL OF CONSTRUCTION SIGNING (FOR DETOUR OVERLAY)	DCS-4	35	TYPICAL TEMPORARY EROSION SEDIMENT CONTROL/SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
DETAIL OF DETOUR SIGNING (PHASE II) - ROUTE OVERVIEW	DDS-1	36	DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	6102
DETAIL OF DETOUR SIGNING (PHASE II) (INTERSECTION OF HWY. 84 & 184/98)	DDS-2	37	DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
DETAIL OF DETOUR SIGNING (PHASE II) (INTERSECTION OF HWY. 184/98)	DDS-3	38	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	6104
DETAIL OF DETOUR SIGNING (PHASE II) (INTERSECTION OF HWY. 98 @ 567, 570, & 569.)	DDS-4	39		ECD-5	6105
DETAIL OF DETOUR SIGNING (PHASE II) (INTERSECTION OF HWY. 84 & INTERSTATE 55)	DDS-5	40			
DETAIL OF DETOUR SIGNING (PHASE II) (INTERSECTION OF HWY. 98 & INTERSTATE 55)	DDS-6	41			
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TRAFFIC CONTROL - PHASE II	TC-2	43			
TRAFFIC CONTROL - PHASE II	TC-3	44			
TRAFFIC CONTROL - PHASE II	TC-4	45			
TRAFFIC CONTROL - PHASE II	TC-5	46			
TRAFFIC CONTROL - PHASE III	TC-6	47			
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TRAFFIC CONTROL - PHASE III	TC-8	49			
TRAFFIC CONTROL - PHASE III	TC-9	50			
TRAFFIC CONTROL - PHASE III	TC-10	51			

ROBERTS

PS & E PLANS-DATE: 02-13-2023		
FMS CON. # 100888-301000		
REVISIONS		
DATE	SHEET NO.	BY


REVISION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
	DETAIL INDEX	
	PROJ. NO.: BR-0046-01(016) COUNTY: FRANKLIN	
	FILENAME: RWD-DI.dgn DESIGN TEAM: ROBERTS CHECKED: DATE:	
		
WORKING NUMBER		
DI-1		
SHEET NUMBER		
2		

10/31/2022 11:03 AM RWD-DI.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

STATE	PROJECT NO.
MISS.	BR-0046-01(016)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	6106	GUIDE BANK (SPUR DIKE): EARTH	ED-1	6406
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	6107	SUPERELEVATION TRANSITION FOR LOCAL FACILITIES	SE-1	6407
ROCK DITCH CHECK	ECD-8	6108	(V < 45 mph)		
ROCK FILTER DAM	ECD-9	6109	SUPERELEVATION - CASE I (ROTATION ABOUT CENTERLINE)	SE-2A	6408
ROCK DITCH CHECK WITH SLUMP EXCAVATION	ECD-10	6110	SUPERELEVATION TRANSITION - CASE I (ROTATION ABOUT CENTERLINE) (URBAN FACILITY, V = 50 MPH)	SE-2C	6410
AND ROCK FILTER DAM			SUPERELEVATION RUNOFF - CASE I (ROTATION ABOUT THE CENTERLINE)	SE-3A	6413
TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111	DRIVEWAYS, CURB & GUTTER, & SIDEWALK	SD-1	6419
INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS	ECD-12	6112	MISCELLANEOUS DETAIL SHEET 1, STACKED PIPE JOINT	MDS-1	6425
INLET PROTECTION DETAILS OF WATTLES	ECD-13	6113	2, EXCAVATION AT GRADE POINTS.	PF-1	6426
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	6114	DETAILS OF PAVED FLUMES		
INLET PROTECTION DETAILS OF SANDBAGS	ECD-15	6115	PIPE CULVERT INSTALLATION	PI-1	6501
STABILIZED CONSTRUCTION ENTRANCE	ECD-16	6116	CONCRETE PIPE COLLAR	PC-1	6503
TEMPORARY STREAM DIVERSION	ECD-18	6118	FLARED END SECTION FOR CONCRETE PIPE	FE-1	6530
TEMPORARY STREAM DIVERSION (BOX EXTENSION)	ECD-19	6119			
FLOATING TURBIDITY CURTAIN	ECD-20	6120	BOX CULVERT STANDARD DRAWINGS (LRFD) (15)		
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	6121			
SEDIMENT RETENTION BARRIER	ECD-22	6122			
DETAILS OF TYPICAL DITCH TREATMENT	DT-1	6123	BASIC CULVERT DRAWING - COLLAR LOCATIONS - NORMAL AND SKEWED CULVERTS	IBJL-1	7005
DITCH TREATMENT - SOIL REINFORCING MAT	DT-1A	6124	GROUP I DIAGRAMS	ICJ-1	7008
			COLLAR DETAILS FOR BOX STRUCTURES (SINGLE & DOUBLE)		
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	BAS-A	6125	BARREL DETAILS - SINGLE CELL - HEIGHT 10 FT. - SPANS 10 - 22 FT.	IBS-10	7017
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE D SILT BASIN) 135 CU. YDS. CAPACITY PER ACRE OF DRAINAGE)	BAS-D	6129	BARREL DETAILS - SINGLE CELL - HEIGHT 10 FT. - SPANS 10 - 22 FT.	IBS-10	7018
SUPER SILT FENCE	SSF-1	6130	BARREL DETAILS - SINGLE CELL - HEIGHT 10 FT. - SPANS 10 - 22 FT.	IBS-10	7019
			WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 0° SKEW DETAILS	IWS-3W	7032
			- HEIGHTS 6 - 12 FT. - SPANS 6 - 24 FT.		
			WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 0° SKEW DETAILS	IWS-10-3W	7037
			- HEIGHT 10 FT. - SPANS 10 - 22 FT.		
			WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 0° SKEW DETAILS	IWS-10-3W	7038
			- HEIGHT 10 FT. - SPANS 10 - 22 FT.		
GUARDRAIL: "W" BEAM (WOOD POSTS)	GR-1	6201			
GUARDRAIL: THRIE BEAM (WOOD POSTS)	GR-1A	6202			
GUARDRAIL: "W" BEAM (STEEL POSTS)	GR-1B	6203			
GUARDRAIL: BRIDGE END SECTION - TYPE G MODIFIED	GR-2E	6209	BARREL DETAILS - DOUBLE CELL - HEIGHT 12 FT. - SPANS 24 - 40 FT.	IBD-12	7124
GUARDRAIL: BRIDGE END SECTION - TYPE I (WOOD POSTS) (NEW CONSTRUCTION)	GR-2F	6210	BARREL DETAILS - DOUBLE CELL - HEIGHT 12 FT. - SPANS 24 - 40 FT.	IBD-12	7125
			BARREL DETAILS - DOUBLE CELL - HEIGHT 12 FT. - SPANS 24 - 40 FT.	IBD-12	7126
GUARDRAIL: BRIDGE END SECTION - TYPE I (STEEL POSTS) (NEW CONSTRUCTION)	GR-2G	6211	WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 0° SKEW DETAILS	IWD-3W	7136
			- HEIGHTS 6 - 12 FT. - SPANS 12 - 40 FT.		
GUARDRAIL TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	GR-4A	6215	WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 0° SKEW DETAILS	IWD-12-3W	7143
			- HEIGHT 12 FT. - SPANS 24 - 40 FT.		
GUARDRAIL: RUB RAIL HARDWARE	GR-RR	6218	WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 0° SKEW DETAILS	IWD-12-3W	7144
GUARDRAIL: MISCELLANEOUS HARDWARE	GR-HW	6221	- HEIGHT 12 FT. - SPANS 24 - 40 FT.		
			WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 0° SKEW DETAILS	IWD-12-3W	7145
			- HEIGHT 12 FT. - SPANS 24 - 40 FT.		
ROUTE SHEILDS AND "EXIT ONLY" PANELS	SN-2	6302			
STANDARD ROADSIDE SIGNS	SN-3	6303			
STANDARD ROADSIDE SIGNS	SN-3A	6304			
STANDARD ROADSIDE SIGNS	SN-3B	6305			
STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION	SN-4	6306			
STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION	SN-4A	6307			
STANDARD ROADSIDE SIGNS ASSEMBLY AND INSTALLATION	SN-4B	6308			
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGN	SN-8	6314	SPECIAL DESIGN BRIDGE SHEETS - SEE BRIDGE SHEETS BEGINNING ON 8001		
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	CROSS SECTION SHEETS (60)		
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-8	6358	STA. 1477+00.00 TO STA. 1534+00.00 (U.S. 98)	9001-9038	
			STA. 14+09.16 TO STA. 32+59.74 (MULLINS LANE & REYNOLDS ROAD)	9039-9060	
TRAFFIC CONTROL PLAN 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 MARKER	RW-1	6401	TOTAL SHEETS (NOT INCLUDING BRIDGE SHEETS) = 225		
RURAL DRIVEWAYS	RD-1	6403			
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	GT-1	6404			

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DATE	FILENAME: <u>RWD-DI.dgn</u>
DESIGN TEAM	ROBERTS
CHECKED	
DATE	

STATE	PROJECT NO.
MISS.	BR-0046-01(016)


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) 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) THE TOP THREE FEET AND VARIABLE OF THE DESIGN SOILS (BOTH NATURAL AND EMBANKMENT) SHALL BE CONSTRUCTED OF SOIL CLASSIFIED AS B9-6 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.
- (8) 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.
- (9) 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.
- (10) 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.
- (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) 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.
- (13) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (14) 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)

GENERAL NOTES (CONT.)

- (16) 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.
- (17) 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.
- (18) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- (19) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- (20) CLEARING IN WETLANDS AREA UNDERNEATH BRIDGES IS PROHIBITED, EXCEPT WHERE NECESSARY FOR BRIDGE CONSTRUCTION. THIS CLEARING MUST BE DONE WITH SAWS. DOZERS OR OTHER MECHANIZED CLEARING WHICH WILL DISTURB NATURAL GROUND SURFACE ARE NOT ALLOWED.
- (21) CLEARING IN WETLANDS IS LIMITED TO TEN (10) FEET BEYOND CONSTRUCTION LIMITS, EXCEPT UNDER BRIDGES AND IN SIGHT FLARES. CLEARING UNDER BRIDGES (IN WETLANDS) IS LIMITED TO WITHIN TWENTY-FIVE (25) FEET ON ONE SIDE OF THE CENTERLINE AND FIFTY (50) FEET ON THE OTHER SIDE OF THE CENTERLINE. WITHIN THIS SEVENTY-FIVE (75) FOOT WIDE AREA, THE CONTRACTOR SHALL BE PERMITTED TO CONSTRUCT A TEMPORARY HAUL ROAD. UPON COMPLETION OF THE BRIDGE, THIS ROAD SHALL BE REMOVED BY THE CONTRACTOR TO NATURAL GROUND ELEVATION. ALL COSTS ASSOCIATED WITH THE HAUL ROAD ARE TO BE INCLUDED IN OTHER ITEMS BID. ADDITIONAL CLEARING IN THE VICINITY OF THE BRIDGE, OUTSIDE THE SEVENTY-FIVE (75) FOOT WIDE AREA, IS TO BE DONE WITH SAWS ONLY (NO DOZERS OR OTHER MECHANIZED CLEARING WHICH WILL DISTURB THE NATURAL GROUND SURFACE).
- (22) 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.
- (23) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (24) 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.
- (25) 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.
- (26) 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.

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GENERAL NOTES	
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FILENAME: RWD-GN.dgn DESIGN TEAM: ROBERTS CHECKED: _____ DATE: _____	 WORKING NUMBER GN-1 SHEET NUMBER 4

STATE	PROJECT NO.
MISS.	BR-0046-01(016)

GENERAL NOTES


- (27) FOR CLEARING LIMITS ADJACENT TO THE STREAMS AT STATION(S) 1494+32, 1503+25.732, 1518+95, SEE WORKING SHEET NUMBERS ECP-RB1, ECP-RB2, & ECP-RB3. THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.
- (28) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (29) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (30) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (31) 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.
- (32) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- (33) 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.
- (34) 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.
- (35) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- (36) 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.
- (37) THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- (38) 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.
- (39) 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.
- (40) 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.
- (41) 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.
- (42) ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (43) ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.

GENERAL NOTES (CONT.)

- 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.
- (45) THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- (46) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- (47) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM; HOWEVER, ALL ALUMINUM SIGN FACE MATERIAL SHALL BECOME THE PROPERTY OF MDOT. THE ALUMINUM SIGN FACE MATERIAL SHALL BE SORTED ACCORDING TO SIZE AND SHAPE AND STORED ON PALLETS AT A LOCATION APPROVED BY THE PROJECT ENGINEER. CONTRACTOR SHALL ARRANGE WITH THE PROJECT ENGINEER A SUITABLE TIME FOR PICK-UP BY MDOT. MDOT RESERVES THE RIGHT TO REFUSE ANY MATERIAL THAT IS DAMAGED OR UNSUITABLE FOR REFURBISHMENT. ANY REJECTED ALUMINUM SIGN FACE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- (48) 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.
- (49) 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.

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ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

REVISION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
	GENERAL NOTES	
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	FILENAME: <u>RWD-GN.dgn</u> DESIGN TEAM <u>ROBERTS</u> CHECKED _____ DATE _____	
		WORKING NUMBER GN-2 SHEET NUMBER 5