

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	BR-0070-02(015)	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

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT NO. BR-0070-02(015)

SR 6 THROUGH MARKS (BRIDGE #s 31.3, 32.1, 33.2 & 33.5)
QUITMAN COUNTY

FMS. CONST. NO. 102624/303000

SCALES

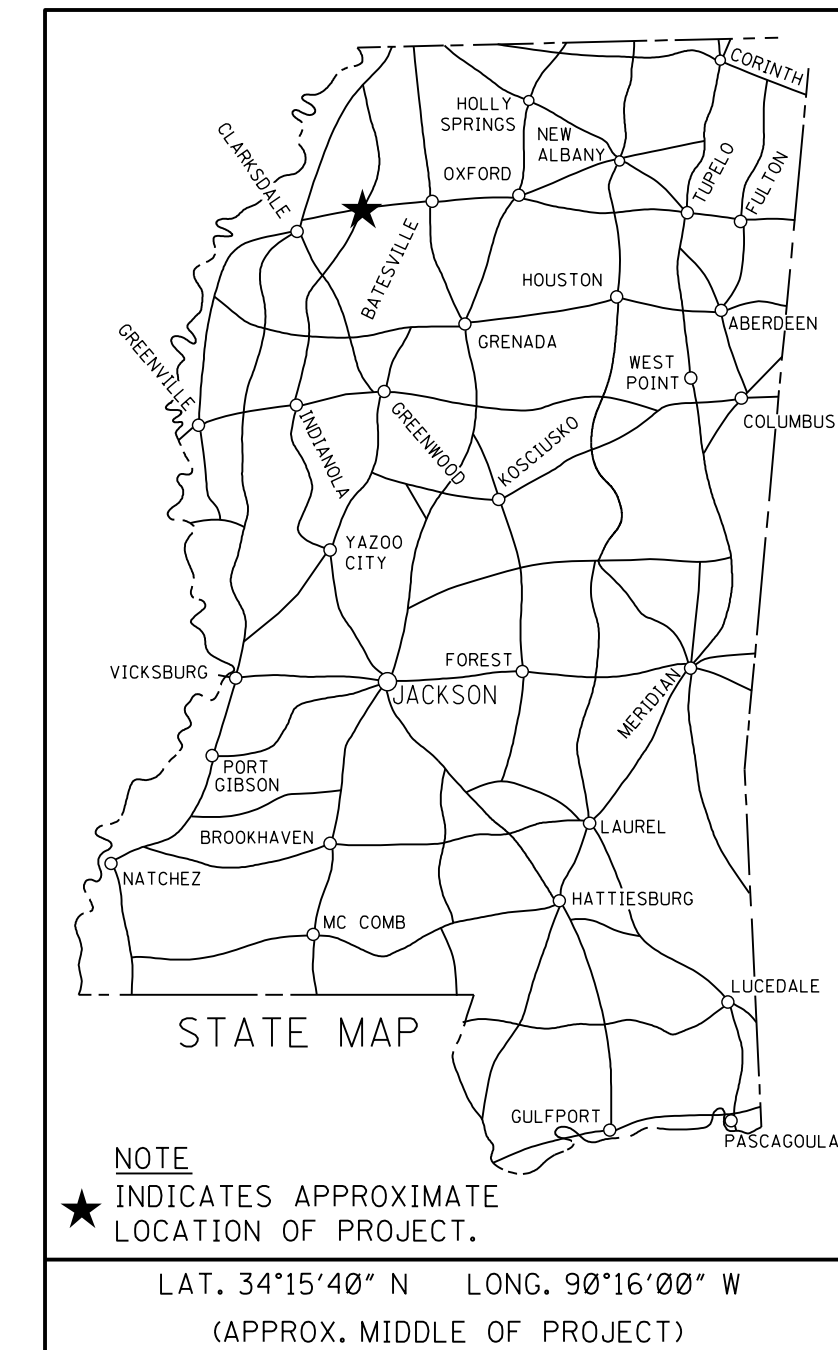
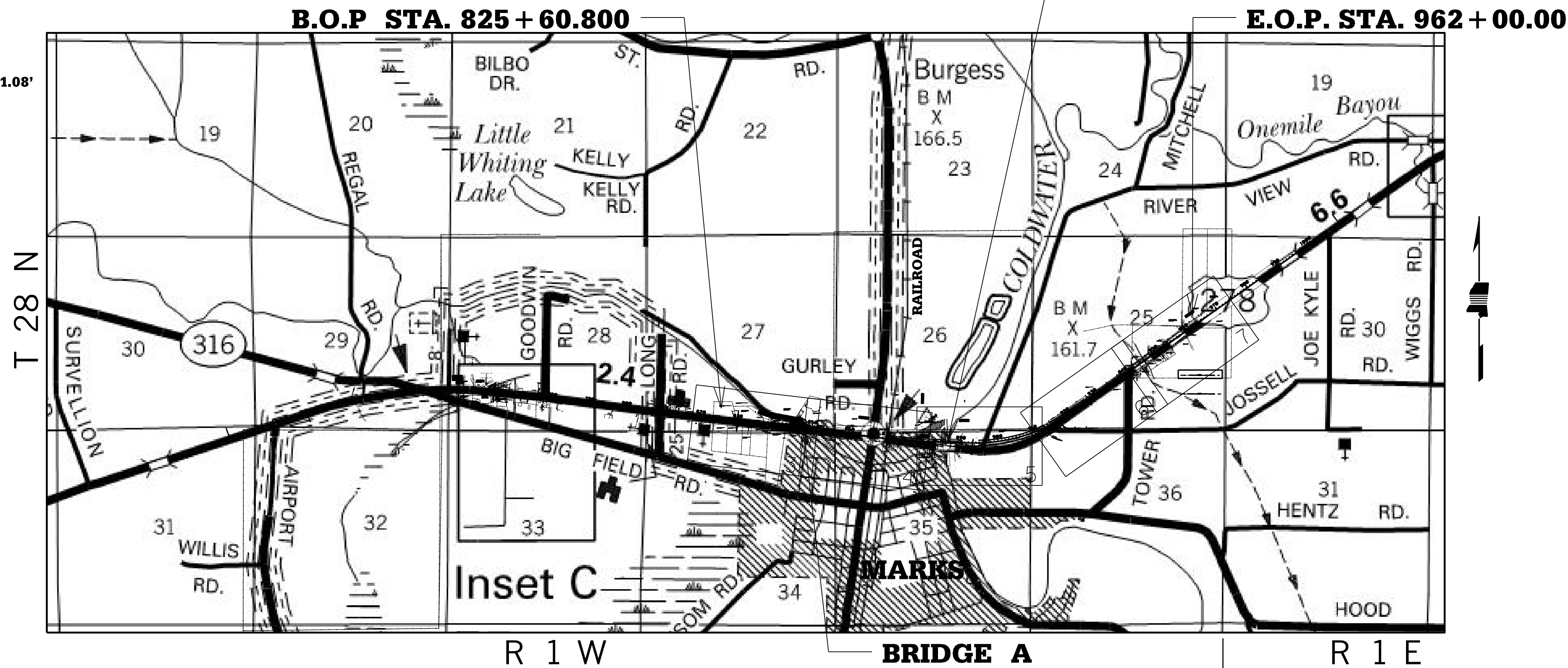
PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 2000 FT.

BRIDGE STRUCTURES REQ'D.

- A** STA. 844+69.92
BRIDGE NO. 31.3 (CASSIDY BAYOU)
SPANS REQ'D. 1@111.08', 1@110', 1@140', 1@110', 1@111.08'
582.17' ALONG CL.
- B** STA. 882+71
BRIDGE NO. 32.1 (COLDWATER RIVER)
SPANS REQ'D. 1@225' 1@300', 1@225'
750' ALONG CL.

BOX BRIDGES REQ'D.

- STA. 946+23.00
BRIDGE NO. 33.2
DOUBLE 10'x10' RCBB
22.25' ALONG CL.



DESIGN CONTROL

65 MPH = V (SPEED DESIGN)

ADT (2021) = 5,400 ; ADT (2041) = 10,000
DHV = 1.100 ; D = 60 % T = 17 %

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, 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: _____

CONVENTIONAL SYMBOLS

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

EQUATIONS

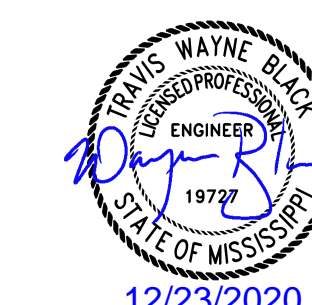
STA. 863+09.440 BK = 863+00.054 AH =	+9.386
STA. 921+18.134 BK = 922+21.904 AH =	-103.770
	-94.384

LENGTH DATA

LENGTH OF ROADWAY	12159.07 FT.	2.30 MI.
LENGTH OF BRIDGES	1332.17 FT.	0.25 MI.
LENGTH OF PROJECT (NET)		2.56 MI.
LENGTH OF EXCEPTIONS	32.45 FT.	0 MI.
LENGTH OF PROJECT (GROSS)		2.56 MI.

EXCEPTIONS

STA. 870+33.311 TO 870+65.762 = 32.451



TRAFFIC

ROADWAY

P S & E DATE: 01-06-2021

APPROVED: _____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR _____



12/16/2020 2:29 PM - TITLE-001.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	BR-0070-02(015)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
ROADWAY (80)				SPECIAL DESIGN - ROADWAY ITEMS (49)			
TITLE SHEET (1)			1	INTERSECTION DETAILS - SR 6 & ACCESS ROAD		ID-1	32
				INTERSECTION DETAILS - SR 6 & COLDWATER STREET		ID-2	33
				INTERSECTION DETAILS - SR 6 & RIVERVIEW ROAD		ID-3	34
				INTERSECTION DETAILS - SR 6 & JOSSELL ROAD		ID-4	35
DETAILED INDEX & GENERAL NOTES (5)				SEQUENCE OF CONSTRUCTION PHASE 1		SC-1	36
DETAILED INDEX		DI-1	2	SEQUENCE OF CONSTRUCTION PHASE 1		SC-2	37
DETAILED INDEX		DI-2	3	SEQUENCE OF CONSTRUCTION PHASE 1		SC-3	38
DETAILED INDEX		DI-3	4	SEQUENCE OF CONSTRUCTION PHASE 2		SC-4	39
GENERAL NOTES		GN-1	5	SEQUENCE OF CONSTRUCTION PHASE 2		SC-5	40
GENERAL NOTES		GN-2	6	SEQUENCE OF CONSTRUCTION PHASE 2		SC-6	41
				SEQUENCE OF CONSTRUCTION PHASE 3		SC-7	42
				SEQUENCE OF CONSTRUCTION PHASE 4		SC-8	43
				SEQUENCE OF CONSTRUCTION PHASE 4		SC-9	44
TYPICAL SECTION SHEETS (4)				CONSTRUCTION SIGNING PLAN		DCS-1	45
TYPICAL SECTION - SR 6		TS-1	7	CONSTRUCTION SIGNING PLAN		DCS-2	46
TYPICAL SECTION - SR 6		TS-2	8	CONSTRUCTION SIGNING PLAN		DCS-3	47
TYPICAL SECTION - LOCAL ROADS & DETOUR		TS-3	9	TRAFFIC CONTROL PHASE 1		TC-1	48
TYPICAL SECTION - DETAILS		TS-4	10	TRAFFIC CONTROL PHASE 1		TC-2	49
				TRAFFIC CONTROL PHASE 2		TC-3	50
				TRAFFIC CONTROL PHASE 2		TC-4	51
				TRAFFIC CONTROL PHASE 2		TC-5	52
				TRAFFIC CONTROL PHASE 3		TC-6	53
QUANTITY SHEETS (10)				EROSION CONTROL PLAN - SR 6 STA. 820+00 TO STA. 850+00		ECP-3	54
SUMMARY OF QUANTITIES		SQ-1	11	RIPARIAN BUFFER BR. NO. 31.3		ECP-RB-3	55
SUMMARY OF QUANTITIES		SQ-2	12	EROSION CONTROL PLAN - SR 6 STA. 850+00 TO STA. 880+00		ECP-4	56
SUMMARY OF QUANTITIES		SQ-3	13	EROSION CONTROL PLAN - ACCESS ROAD		ECP-4A	57
ESTIMATED QUANTITIES - REMOVAL ITEMS AND DITCH TREATMENT		EQ-1	14	EROSION CONTROL PLAN - SR 6 DETOUR		ECP-4B	58
ESTIMATED QUANTITIES - EARTHWORK, DRIVEWAYS, CURB & GUTTER AND PAVEMENT MARKINGS		EQ-2	15	EROSION CONTROL PLAN - SR 6 STA. 880+00 TO STA. 910+00		ECP-5	59
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES, BRIDGE END PAVEMENT & SILT BASINS		EQ-3	16	RIPARIAN BUFFER BR. NO. 32.1		ECP-RB-5	60
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS AND GUARDRAIL		EQ-4	17	EROSION CONTROL PLAN - COLDWATER STREET		ECP-5A	61
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS		EQ-5	18	EROSION CONTROL PLAN - RIVERVIEW ROAD		ECP-5B	62
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS		SRS-1	19	EROSION CONTROL PLAN - SR 6 STA. 910+00 TO STA. 940+00		ECP-6	63
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLIES		SRS-2	20	EROSION CONTROL PLAN - JOSSELL ROAD		ECP-6A	64
				EROSION CONTROL PLAN - SR 6 STA. 940+00 TO STA. 966+00		ECP-7	65
PLAN AND PROFILE SHEETS (11)				BRIDGE END PAVEMENT WITH RAIL, OVERLAY AND SLEEPER SLAB (NEW CONSTRUCTION)		BE-1	66
SR 6 STA. 820+00 TO STA. 850+00		3	21	VEGETATION SCHEDULE		VS-1	67
CASSIDY BAYOU		3A	22	EASEMENT COORDINATES		ESMT-1	68
SR 6 STA. 850+00 TO STA. 880+00		4	23	RIGHT OF WAY MARKERS		RM-1	69
ACCESS ROAD		4A	24	PAVEMENT MARKING DETAIL - SR 6 B.O.P. TO STA. 855+00		PMD-1	70
SR 6 DETOUR		4B	25	PAVEMENT MARKING DETAIL - SR 6 STA. 855+00 TO STA. 885+00		PMD-2	71
SR 6 STA. 880+00 TO STA. 910+00		5	26	PAVEMENT MARKING DETAIL - SR 6 STA. 885+00 TO STA. 900+00		PMD-3	72
COLDWATER STREET		5A	27	PAVEMENT MARKING DETAIL - SR 6 STA. 900+00 TO STA. 915+00		PMD-4	73
RIVERVIEW ROAD		5B	28	PAVEMENT MARKING DETAIL - SR 6 STA. 915+00 TO STA. 930+00		PMD-5	74
SR 6 STA. 910+00 TO STA. 940+00		6	29	PAVEMENT MARKING DETAIL - SR 6 STA. 930+00 TO STA. 960+00		PMD-6	75
JOSSELL ROAD		6A	30	PAVEMENT MARKING DETAIL - SR 6 STA. 960+00 TO E.O.P.		PMD-7	76
SR 6 STA. 940+00 TO STA. 966+00		7	31	STA. 913+38 12X8 RCBC		BC-1	77
				STA. 946+23 DBL. 10X10 RCBB		BC-2	78
				STA. 959+57 12X10 RCBC		BC-3	79
				SURVEY CONTROL SHEET		SCS-1	80
				PERMANENT SIGNS (9)			
				PERMANENT SIGNING PLANS - B.O.P. TO STA. 855+00		PSP-1	1001
				PERMANENT SIGNING PLANS - STA. 855+00 TO STA. 885+00		PSP-2	1002
				PERMANENT SIGNING PLANS - STA. 885+00 TO STA. 915+00		PSP-3	1003
				PERMANENT SIGNING PLANS - STA. 915+00 TO STA. 945+00		PSP-4	1004
				PERMANENT SIGNING PLANS - STA. 945+00 TO E.O.P.		PSP-5	1005
				PERMANENT SIGNING DETAILS		PSD-1	1006
				PERMANENT SIGNING DETAILS		PSD-2	1007
				SIGN SUPPORT HARDWARE - 2.5" SQUARE POST		TSS-1	1008
				SIGN SUPPORT HARDWARE - 2.0" SQUARE POST		TSS-2	1009

8/24/2021 2:14 PM DI_SH.DGN

GARVER, LLC		
PS & E PLANS- 01-06-2021		
FMS CON. # 102624/303000		
REVISIONS		
DATE	SHEET NO.	BY
08/13/21	13	TWB
08/24/21	11	TWB



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
SR 6	
COUNTY: QUITMAN	
PROJ. NUM.: BR-0070-02(015)	
FILENAME: DI_SH.DGN	WORKING NUMBER
DESIGN TEAM: GARVER	DI-1
CHECKED: TWB	SHEET NUMBER
DATE: AUG 2021	2



DESCRIPTION OF SHEET

REVISION DATE

WKG. NO.

SH. NO.

ROADWAY STANDARD DRAWINGS - ENGLISH VERSION (73)

PAVEMENT (3)

BRIDGE END PAVEMENT WITH RAIL, OVERLAY, AND SLEEPER SLAB (NEW CONSTRUCTION)
43.5" BRIDGE END PAVEMENT RAIL
CONCRETE ISLAND PAVEMENT DETAILS

BE-1 6007
BER-2 6010
CIP-1 6011

PAVEMENT MARKINGS (4)

PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED ROADWAYS
TYPICAL PLACEMENT OF WARNING SIGNS AND PAVEMENT MARKINGS AT RAILROAD HIGHWAY GRADE CROSSING
2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (2-LANE)
RUMBLE STRIPES 2-LANE HIGHWAYS (ASPHALT LANES, 2-FT ASPHALT SHOULDERS)

PM-1 6051
PM-7 6057
PM-11 6061
RS-1 6064

EROSION CONTROL (28)

TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS
DETAILS OF SEDIMENT BARRIER APPLICATIONS
DETAILS OF SILT FENCE INSTALLATION
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS
TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS)
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK
ROCK DITCH CHECK
ROCK FILTER DAM
ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM
TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION
INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS
INLET PROTECTION DETAILS OF WATTLES
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE
INLET PROTECTION DETAILS OF SANDBAGS
STABILIZED CONSTRUCTION ENTRANCE
TEMPORARY CULVERT STREAM CROSSING
TEMPORARY STREAM DIVERSION
TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)
FLOATING TURBIDITY CURTAIN
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK
SEDIMENT RETENTION BARRIER
DETAILS OF TYPICAL DITCH TREATMENTS
DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE D SILT BASIN) (135 CU. YDS. CAPACITY PER ACRE OF DRAINAGE)
SUPER SILT FENCE
EROSION CONTROL BLANKET

ECD-1 6101
ECD-2 6102
ECD-3 6103
ECD-4 6104
ECD-5 6105
ECD-6 6106
ECD-7 6107
ECD-8 6108
ECD-9 6109
ECD-10 6110
ECD-11 6111
ECD-12 6112
ECD-13 6113
ECD-14 6114
ECD-15 6115
ECD-16 6116
ECD-17 6117
ECD-18 6118
ECD-19 6119
ECD-20 6120
ECD-21 6121
ECD-22 6122
DT-1 6123
DT-1A 6124
BAS-A 6125
BAS-D 6129
SSF-1 6130
ECB-1 6131

PROTECTIVE BARRIERS (8)

GUARDRAIL: "W" BEAM (WOOD POSTS)
GUARDRAIL: THRIE BEAM (WOOD POSTS)
GUARDRAIL: "W" BEAM (STEEL POSTS)
GUARDRAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS) (NEW CONSTRUCTION)
GUARDRAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS) (NEW CONSTRUCTION)
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY
GUARDRAIL: MISCELLANEOUS HARDWARE
CONCRETE MEDIAN BARRIER (PRECAST) (32")

GR-1 6201
GR-1A 6202
GR-1B 6203
GR-2F 6210
GR-2G 6211
GR-4A 6215
GR-HW 6221
CMB-3 6226

SIGNING (8)

STANDARD ROADSIDE SIGNS
STANDARD ROADSIDE SIGNS
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS
TYPICAL GUARDRAIL DELINEATION
SIGNING DETAILS FOR BRIDGE APPROACHES

SN-3A 6304
SN-3B 6305
SN-4 6306
SN-4A 6307
SN-4B 6308
SN-8 6314
SN-8C 6317
SN-9 6318

DESCRIPTION OF SHEET

REVISION DATE

WKG. NO.

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ROADWAY STANDARD DRAWINGS - ENGLISH VERSION (CONT.)

TRAFFIC CONTROL PLANS (7)

TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS
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 DOUBLED)
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE

TCP-1 6351
TCP-8 6358
TCP-9 6359
TCP-12 6362
TCP-13 6363
TCP-15 6365
TCP-16 6366

MISCELLANEOUS ROADWAY DETAILS (10)

RIGHT-OF-WAY MARKER
RURAL DRIVEWAYS
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS
SIGHT FLARE
SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V ≤ 45 MPH)
SUPERELEVATION CASE 1 ROTATION ABOUT CENTERLINE
SUPERELEVATION RUNOFF CASE 1 ROTATION ABOUT CENTERLINE
DRIVEWAYS, CURB & GUTTER, & SIDEWALK
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINTS 2. EXCAVATION AT GRADE POINTS
DETAILS OF PAVED FLUMES

RW-1 6401
RD-1 6403
GT-1 6404
SF-1 6405
SE-1 6407
SE-2A 6408
SE-3A 6413
SD-1 6419
MDS-1 6425
PF-1 6426

DRAINAGE (5)

PIPE CULVERT INSTALLATION
FLEXIBLE PIPE CULVERT INSTALLATION
TYPE I MEDIAN INLET (24" PIPE AND UNDER)
DETAILS OF GRATES FOR MEDIAN INLETS
FLARED END SECTION FOR CONCRETE PIPE

PI-1 6501
PI-2 6502
MI-1 6508
IG-1 6516
FE-1 6530

CULVERT STANDARDS (21)

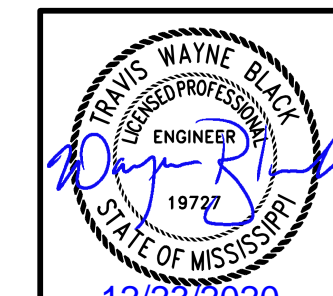
BASIC CULVERT DRAWING COLLAR LOCATIONS NORMAL AND SKEWED CULVERTS GROUP I DIAGRAMS
COLLAR DETAILS FOR BOX STRUCTURES (SINGLE & DOUBLE)
BARREL DETAILS FOR SINGLE CELL BOX CULVERT HEIGHT 8 FT. SPANS 8 - 20 FT.
BARREL DETAILS FOR SINGLE CELL BOX CULVERT HEIGHT 8 FT. SPANS 8 - 20 FT.
BARREL DETAILS FOR SINGLE CELL BOX CULVERT HEIGHT 8 FT. SPANS 8 - 20 FT.
BARREL DETAILS FOR SINGLE CELL BOX CULVERT HEIGHT 10 FT. SPANS 10 - 22 FT.
BARREL DETAILS FOR SINGLE CELL BOX CULVERT HEIGHT 10 FT. SPANS 10 - 22 FT.
BARREL DETAILS FOR SINGLE CELL BOX CULVERT HEIGHT 10 FT. SPANS 10 - 22 FT.
BARREL DETAILS FOR SINGLE CELL BOX CULVERT HEIGHT 10 FT. SPANS 10 - 22 FT.
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL 0° SKEW DETAILS HEIGHT 6-12 FT. SPANS 6-24 FT.
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL 0° SKEW DETAILS HEIGHT 10 FT. SPANS 10-22 FT.
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL 0° SKEW DETAILS HEIGHT 10 FT. SPANS 10-22 FT.
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL 30° SKEW DETAILS HEIGHT 6-12 FT. SPANS 6-24 FT.
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL 30° SKEW DETAILS HEIGHT 8 FT. SPANS 8-20 FT.
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL 30° SKEW DETAILS HEIGHT 8 FT. SPANS 8-20 FT.
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL 30° SKEW DETAILS HEIGHT 8 FT. SPANS 8-20 FT.
BASIC BARREL DETAILS FOR DOUBLE CELL BOX CULVERT HEIGHT 10 FT. SPANS 20 - 36 FT.
BASIC BARREL DETAILS FOR DOUBLE CELL BOX CULVERT HEIGHT 10 FT. SPANS 20 - 36 FT.
BASIC BARREL DETAILS FOR DOUBLE CELL BOX CULVERT HEIGHT 10 FT. SPANS 20 - 36 FT.
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING DOUBLE CELL 0° SKEW DETAILS HEIGHT 6-12 FT. SPANS 12-40 FT.
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING DOUBLE CELL 0° SKEW DETAILS HEIGHT 10 FT. SPANS 20-36 FT.
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING DOUBLE CELL 0° SKEW DETAILS HEIGHT 10 FT. SPANS 20-36 FT.

IBJL-1 7005
ICJ-1 7008
IBS-8 7014
IBS-8 7015
IBS-8 7016
IBS-10 7017
IBS-10 7018
IBS-10 7019
IWS-3W 7032
IWS-10-3W 7037
IWS-10-3W 7038
IWS-3W-30 7075
IWS-8-3W-30 7078
IWS-8-3W-30 7079
IWS-8-3W-30 7080
IBD-10 7121
IBD-10 7122
IBD-10 7123
IWD-3W 7136
IWD-10-3W 7141
IWD-10-3W 7142

STATE PROJECT NO.

MISS. BR-0070-02(015)

12/15/2020 1:21:01 PM DI_SH.DGN

REVISION		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DATE		DATE		DETAILED INDEX	
				SR 6	
				COUNTY: QUITMAN	
				PROJ. NUM.: BR-0070-02(015)	
				FILENAME: DI_SH.DGN	
				DESIGN TEAM GARVER CHECKED TWB DATE OCT 2020	
					
				WORKING NUMBER	
				DI-2	
				SHEET NUMBER	
				3	

STATE	PROJECT NO.
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DESCRIPTION OF SHEET

REVISION DATE WKG. NO. SH. NO.


CROSS SECTIONS (56)

CROSS SECTIONS - MAINLINE SR 6	9001 - 9038
CROSS SECTIONS - ACCESS ROAD	9039 - 9042
CROSS SECTIONS - DETOUR	9043 - 9048
CROSS SECTIONS - COLDWATER STREET	9049 - 9051
CROSS SECTIONS - RIVERVIEW	9052 - 9053
CROSS SECTIONS - JOSSELL	9054 - 9056

TOTAL SHEETS (NOT COUNTING BRIDGE SHEETS) (239)

PLAN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

12/15/2020 1:21:01 PM DI_SH.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX	
SR 6	 12/23/2020 WORKING NUMBER DI-3
COUNTY: QUITMAN PROJ. NUM.: BR-0070-02(015)	
FILENAME: DI_SH.DGN	SHEET NUMBER
DESIGN TEAM: GARVER CHECKED: TWB DATE: OCT 2020	4

STATE	PROJECT NO.
MISS.	BR-0070-02(015)

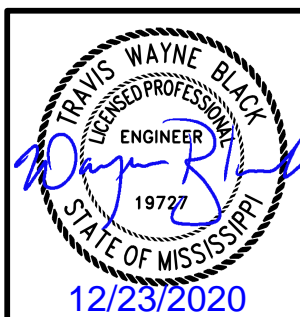
GENERAL NOTES

- (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, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (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) 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)
- (11) FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
- (12) 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.
- (13) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (14) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- (15) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.

GENERAL NOTES (AND CONT.)

- (16) FOR CLEARING LIMITS ADJACENT TO THE STREAM AT STATION(S) 846+00, 886+29 SEE WORKING SHEET NUMBERS ECP-RB- 3 & 5. THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.
- (17) REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS BID.
- (18) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (19) 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.
- (20) 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.
- (21) 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.
- (22) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (23) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (24) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (25) 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.
- (26) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- (27) 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.

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
SR 6	
COUNTY: QUITMAN	
PROJ. NUM.: BR-0070-02(015)	WORKING NUMBER GN-1
FILENAME: GN_SH.DGN	SHEET NUMBER 5
DESIGN TEAM: GARVER	CHECKED: TWB
DATE: OCT 2020	

STATE	PROJECT NO.
MISS.	BR-0070-02(015)

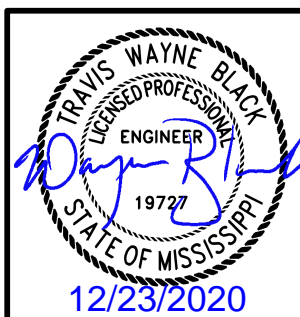
GENERAL NOTES (CONT.)

- (28) 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.
- (29) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- (30) 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.
- (31) THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- (32) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
- (33) 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.
- (34) 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.
- (35) AFTER THE PERMANENT SIGNS HAVE BEEN INSTALLED, THE CONTRACTOR SHALL SUBMIT TO THE PROJECT ENGINEER A DIGITAL COPY OF A MICROSOFT EXCEL SPREADSHEET WITH THE FOLLOWING INVENTORY DATA CAPTURED FOR EACH SIGN: LOCATION OF SIGN (LATITUDE-LONGITUDE GPS COORDINATES), **MUTCD** SIGN CODE, SIZE, BACKGROUND AND LEGEND COLORS, SUPPORT TYPE (POST, PIPE, SQUARE POST, OR I-BEAM), NUMBER OF SUPPORTS, DATE OF INSTALLATION, SIGN FACE DIRECTION, ROUTE NAME OR NUMBER, DIRECTION OF VEHICLE TRAVEL, AND LEGEND ON SIGN IF APPLICABLE. EACH SIGN SHALL BE ASSIGNED A UNIQUE ID NUMBER AND A DIGITAL PHOTO OF EACH SIGN SHALL BE SUBMITTED IN BITMAP FORMAT. THE PHOTO FILENAME SHALL CORRESPOND WITH THE UNIQUE ID NUMBER.
- (36) DOUBLE DROP THERMOPLASTIC STRIPE WILL BE USED ON ALL BRIDGE DECKS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT THE PREFORMED JOINT MATERIAL. ANY DAMAGE CAUSED BY THE THERMOPLASTIC WILL BE REPAIRED AT NO COST TO THE STATE.
- (37) COLDWATER RIVER IS A WATER BODY IMPAIRED DUE TO DDT, NUTRIENT POLLUTION, ORGANIC ENRICHMENT/LOW D.O., PATHOGENS, SEDIMENT AND TOXAPHENE.
- (38) 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.
- (39) ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (40) ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.

GENERAL NOTES (CONT.)

- (41) 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.
- (42) THE RETROFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- (43) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- (44) 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).
- (45) 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.
- (46) 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 9 FEET IN LENGTH AND SHALL BE ADEQUATELY MAINTAINED.

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REVISION		BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
				GENERAL NOTES	
				SR 6	
				COUNTY: QUITMAN	
				PROJ. NUM.: BR-0070-02(015)	
					
				WORKING NUMBER	
				GN-2	
				SHEET NUMBER	
				6	
DATE	FILENAME: GN_SHL.DGN	DESIGN TEAM	GARVER	CHECKED	TWB DATE OCT 2020