

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	NH-0011-01(056)	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

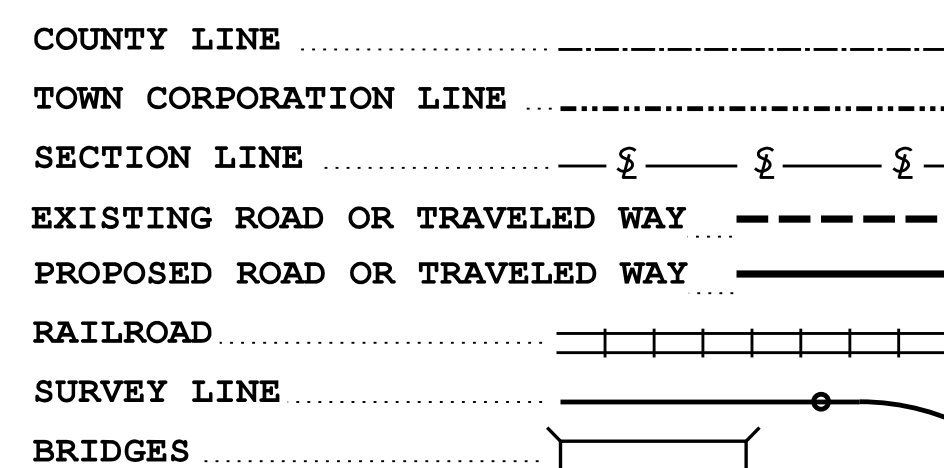
BRIDGE STRUCTURES REQ'D.

- F STA. 867 + 70.02 LT. LN., STA. 867 + 54.20 RT. LN.
TWIN BRIDGES REQ'D. - 1@40' 1@40', 1@80', 1@40', 1@40' SPANS
242.30' ALONG CL. LN.
242.29' ALONG CL. RT. LN.
- G HAXTON ROAD @ U.S. 82 STA. 896 + 58.51, STA. 18 + 18.72 - STA. 21 + 81.28
SINGLE UNDERPASS REQ'D. - 1@360' (80', 100', 100', 80') SPAN
362.56' ALONG CL.
- H FLANNAGAN @ U.S. 82 STA. 1053 + 10.06, STA. 18 + 00.61 - STA. 23 + 07.38
SINGLE UNDERPASS REQ'D. - 1@504' (90', 108', 108', 90') SPAN
506.77' ALONG CL.
- I STA. 1101 + 19.29 LT. LN., STA. 1101 + 42.79 RT. LN.
TWIN OVERPASS REQ'D. - 1@350' (80'-95'-95'-80')
PRESTRESSED CONCRETE BEAM SPAN
352.42' ALONG CL.
- J STA. 1175 + 50.65 LT. LN., STA. 1174 + 77.56 RT. LN.
TWIN OVERPASSES REQ'D. - 1@90', 1@116', 1@90' SPANS
298.98' ALONG CL. LT. LN.
298.95' ALONG CL. RT. LN.
- K OLD HWY. 61 @ U.S. 82 STA. 1290 + 34.56, STA. 197 + 93.72 - STA. 202 + 06.49
SPANS REQ'D. - 1@95', 1@110', 1@110', 1@95'
412.77' ALONG CL.

BOX BRIDGES REQ'D.

- STA. 338 + 09 - DBL. 12'x8' BOX BRIDGE REQ'D.
30° LT. FWD. SKEW, 30.31' ALONG CL.
- STA. 927 + 45 - DBL. 12'x8' BOX BRIDGE REQ'D.
30° LT. FWD. SKEW, 30.31' ALONG CL.
- STA. 989 + 17 - DBL. 12'x10' BOX BRIDGE REQ'D.
30° LT. FWD. SKEW, 30.46' ALONG CL.
- STA. 1051 + 35 - DBL. 10'x8' BOX BRIDGE REQ'D.
30° LT. FWD. SKEW, 25.55' ALONG CL.
- STA. 1160 + 70 - TRP. 10'x10' BOX BRIDGE REQ'D.
56° RT. FWD. SKEW, 59.61' ALONG CL.
- STA. 1194 + 90 - DBL. 8'x6' BOX BRIDGE REQ'D.
30° RT. FWD. SKEW, 20.64' ALONG CL.
- STA. 1233 + 60 - DBL. 8'x6' BOX BRIDGE REQ'D.
52° RT. FWD. SKEW, 29.03' ALONG CL.

CONVENTIONAL SYMBOLS



STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

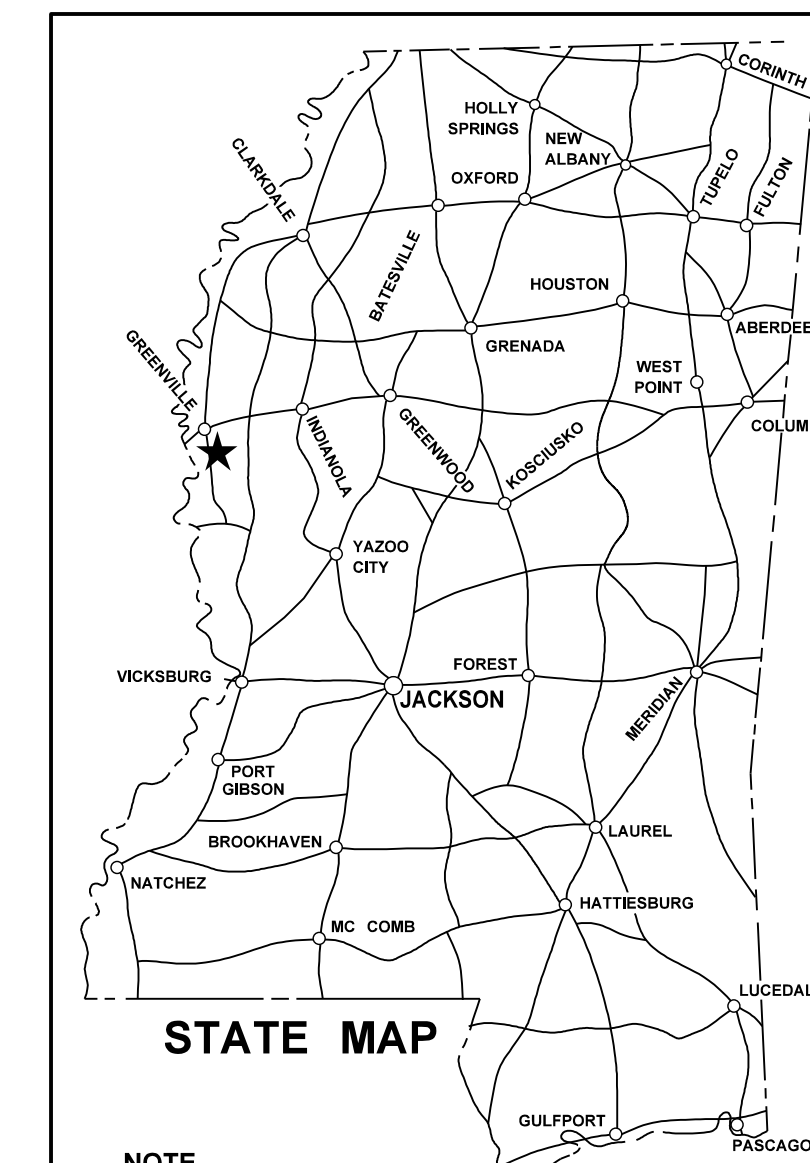
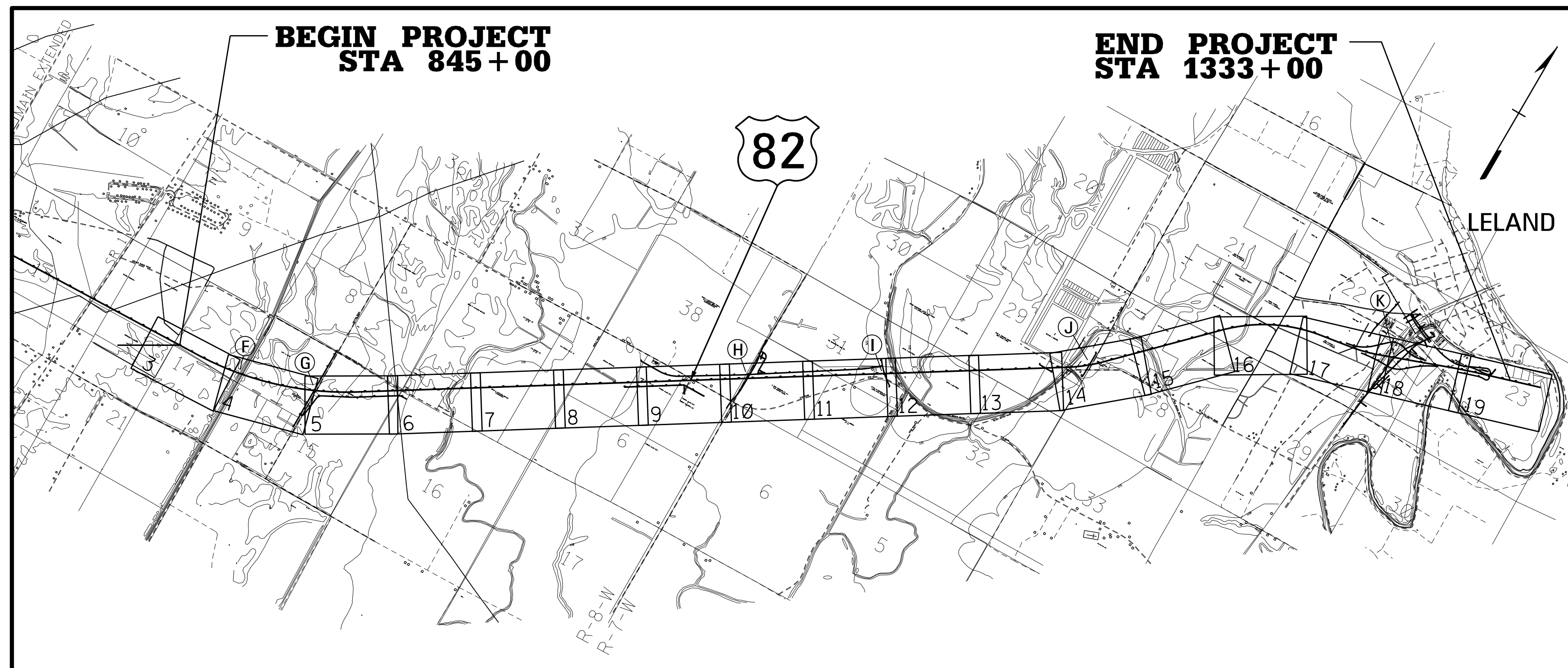
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. NH-0011-01(056)

U.S. 82 FROM SR-1 TO LELAND WASHINGTON COUNTY

FMS CON. NO. 102134 / 302000

SCALES

PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 3000 FT.



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.
LAT. 33° 21' 56" N LONG. 90° 57' 57" W
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

70 MPH = V (SPEED DESIGN)
ADT (2025) = 8820 ; ADT (2045) = 10770
DHV = 1030 ; D = 50 % T = 25 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS		
	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
STORMWATER PERMIT <input checked="" type="checkbox"/>		
Y	REQUIRED, (CND) SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)	
S	REQUIRED, SCND TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY: _____		

ACCESS CONTROL

- NOTES:**
- Access to and exit from this highway will be permitted only through interchange or such other points as may be established by public authority and as shown on the plans.
 - This note applies to the following station limits: STA. 845+00 to STA. 1324+95. This project is declared by the Transportation Commission to be a Type 1 Controlled Access Facility, as defined in and subject to all restrictions shown by order of said Commission dated 15 day of November, 2006 in minute book 12, page 1241 and authorized under section 65-1-10(MCA (1972, as amended).

EQUATIONS

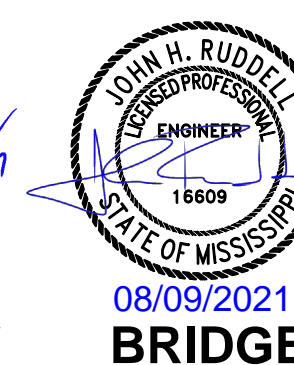
NONE

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	47,681.11 FT.	9.03	MI.
LENGTH OF BRIDGES	1,118.89 FT.	0.21	MI.
LENGTH OF PROJECT (NET)		9.24	MI.
LENGTH OF EXCEPTIONS	0.00 FT.		MI.
LENGTH OF PROJECT (GROSS)		9.24	MI.



08/09/2021
ROADWAY

08/09/2021
BRIDGE

08/09/2021
TRAFFIC

P S & E DATE: 08-10-2021	
APPROVED:	BY _____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER	
EXECUTIVE DIRECTOR	
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION	

9/21/2021 5:00 PM TITLE-H082.DGN

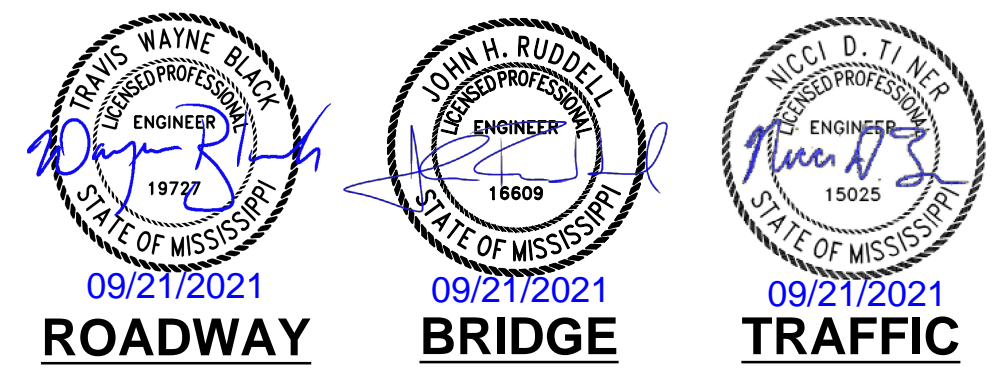
1st O.REV.

DESCRIPTION OF SHEET

STATE	PROJECT NO.
MISS.	NH-0011-01(056)

DESCRIPTION OF SHEET	WK. NO.	SH. NO.	DESCRIPTION OF SHEET	WK. NO.	SH. NO.
ROADWAY (220)					
TITLE SHEET (1)	1	1			
DETAILED INDEX & GENERAL NOTES (6)			PLAN AND PROFILE SHEETS (CONT.) (40)		
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DETAILED INDEX	DI-3	4	LELAND FRONTAGE ROAD NORTH	19B	73
DETAILED INDEX	DI-4	5	LELAND U.S. 82 DETOUR	19C	74
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GENERAL NOTES	GN-2	7	SPECIAL DESIGN - ROADWAY ITEMS (146)		
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TYPICAL SECTION - U.S. 82	TS-1	8	INTERSECTION DETAILS - OLD HWY 61 INTERCHANGE NW ON RAMP & NE OFF RAMP	ID-2	76
TYPICAL SECTION - U.S. 82	TS-2	9	INTERSECTION DETAILS - FRONTAGE ROAD NORTH	ID-3	77
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TYPICAL SECTION - LOCAL ROADS	TS-4	11	FORM GRADE - OLD HWY 61 INTERCHANGE SE ON RAMP & NE OFF RAMP	FG-2	79
TYPICAL SECTION - LOCAL ROADS	TS-5	12	FORM GRADE - OLD HWY 61 INTERCHANGE SW OFF RAMP & SE ON RAMP	FG-3	80
TYPICAL SECTION - LOCAL ROADS	TS-6	13	FORM GRADE - OLD HWY 61 INTERCHANGE NW ON RAMP & NE OFF RAMP	FG-4	81
TYPICAL SECTION - LOCAL ROADS	TS-7	14	PAVEMENT MARKING DETAILS - US 82 VICINITY MAP	PMD-1	82
TYPICAL SECTION - LOCAL ROADS	TS-8	15	PAVEMENT MARKING DETAILS - US 82 - B.O.P. TO STA. 874+00	PMD-2	83
TYPICAL SECTION - BRIDGE END DETAILS	TS-9	16	PAVEMENT MARKING DETAILS - US 82 - STA. 874+00 TO STA. 904+00	PMD-3	84
			PAVEMENT MARKING DETAILS - HAXTON ROAD - STA. 7+00 TO STA. 33+00	PMD-4	85
			PAVEMENT MARKING DETAILS - US 82 - STA. 904+00 TO STA. 934+00	PMD-5	86
			PAVEMENT MARKING DETAILS - US 82 - STA. 934+00 TO STA. 964+00	PMD-6	87
			PAVEMENT MARKING DETAILS - US 82 - STA. 964+00 TO STA. 994+00	PMD-7	88
			PAVEMENT MARKING DETAILS - US 82 - STA. 994+00 TO STA. 1024+00	PMD-8	89
			PAVEMENT MARKING DETAILS - US 82 - STA. 1024+00 TO STA. 1039+00 AND VFW FRONTAGE ROADS	PMD-9	90
			PAVEMENT MARKING DETAILS - US 82 - STA. 1039+00 TO STA. 1069+00 AND VFW FRONTAGE ROAD	PMD-10	91
			PAVEMENT MARKING DETAILS - FLANNAGAN ROAD - STA. 6+79 TO STA. 35+00 AND CONNECTION ROAD	PMD-11	92
			PAVEMENT MARKING DETAILS - US 82 - STA. 1069+00 TO STA. 1099+00 AND VFW FRONTAGE ROAD	PMD-12	93
			PAVEMENT MARKING DETAILS - BLACK BAYOU ROAD AND VFW FRONTAGE ROAD	PMD-13	94
			PAVEMENT MARKING DETAILS - US 82 - STA. 1099+00 TO STA. 1129+00	PMD-14	95
			PAVEMENT MARKING DETAILS - US 82 - STA. 1129+00 TO STA. 1159+00	PMD-15	96
			PAVEMENT MARKING DETAILS - US 82 - STA. 1159+00 TO STA. 1189+00	PMD-16	97
			PAVEMENT MARKING DETAILS - US 82 - STA. 1189+00 TO STA. 1219+00	PMD-17	98
			PAVEMENT MARKING DETAILS - US 82 - STA. 1219+00 TO STA. 1249+00	PMD-18	99
			PAVEMENT MARKING DETAILS - US 82 - STA. 1249+00 TO STA. 1279+50	PMD-19	100
			PAVEMENT MARKING DETAILS - LANDFILL CONNECTOR STA. 10+12 TO STA. 26+68.4	PMD-20	101
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			PAVEMENT MARKING DETAILS - SW AND SE RAMPS	PMD-23	104
			PAVEMENT MARKING DETAILS - US 82 - STA. 1279+50 TO STA. 1310+50	PMD-24	105
			PAVEMENT MARKING DETAILS - US 82 - STA. 1310+50 TO STA. 1326+00	PMD-25	106
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			CULVERT DETAILS - US 82	CD-6	113
			CULVERT DETAILS - US 82	CD-7	114
			CULVERT DETAILS - US 82	CD-8	115
			CULVERT DETAILS - US 82	CD-9	116
			CULVERT DETAILS - US 82	CD-10	117
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			CULVERT DETAILS - LOCAL ROADS	CD-14	121
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			RIGHT OF WAY MARKERS	RWM-5	129
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U.S. 82 STA. 865+00 TO STA. 895+00	4	36			
U.S. 82 STA. 895+00 TO STA. 925+00	5	37			
HAXTON ROAD	5A	38			
HAXTON FRONTAGE ROAD	5B	39			
HAXTON FRONTAGE ROAD	5C	40			
U.S. 82 STA. 925+00 TO STA. 955+00	6	41			
U.S. 82 STA. 955+00 TO STA. 985+00	7	42			
U.S. 82 STA. 985+00 TO STA. 1015+00	8	43			
U.S. 82 STA. 1015+00 TO STA. 1045+00	9	44			
VFW FRONTAGE ROAD	9A	45			
VFW FRONTAGE ROAD	9B	46			
VFW FRONTAGE ROAD	9C	47			
VFW FRONTAGE ROAD SOUTH	9D	48			
U.S. 82 STA. 1045+00 TO STA. 1075+00	10	49			
FLANNAGAN ROAD	10A	50			
CONNECTION ROAD	10B	51			
U.S. 82 STA. 1075+00 TO STA. 1105+00	11	52			
BLACK BAYOU ROAD	11A	53			
U.S. 82 STA. 1105+00 TO 1135+00	12	54			
U.S. 82 STA. 1135+00 TO 1165+00	13	55			
U.S. 82 STA. 1165+00 TO 1195+00	14	56			
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OLD HWY. 61 DETOUR	18B	68			
LANDFILL CONNECTOR	18C	69			
OLD HWY. 61 FRONTAGE ROAD	18D	70			

GARVER, LLC		
FINAL PLANS-DATE 08-10-2021		
FMS CON. # 102134/302000		
REVISIONS		
DATE	SHEET NO.	BY
09/21/21	17-20, 9093, 9094	TWB



REVISION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
	DETAILED INDEX	
DATE	PROJ. NO.: NH-0011-01(056)	
	COUNTY: WASHINGTON	
DESIGN TEAM	FILENAME: D1082.DGN	WORKING NUMBER
		DI-1
CHECKED	TWB	SHEET NUMBER
DATE	AUG 2021	2

9/21/2021 4:35 PM D1082.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESCRIPTION OF SHEET

STATE	PROJECT NO.
MISS.	NH-0011-01(056)

SPECIAL DESIGN - ROADWAY ITEMS (CONT.) (146)

WK. NO. SH. NO.

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EROSION CONTROL PLAN - HAXTON FRONTAGE ROAD	ECP-5C	160
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EROSION CONTROL PLAN - LELAND U.S. 82 DETOUR	ECP-19C	201

DESCRIPTION OF SHEET

WK. NO. SH. NO.

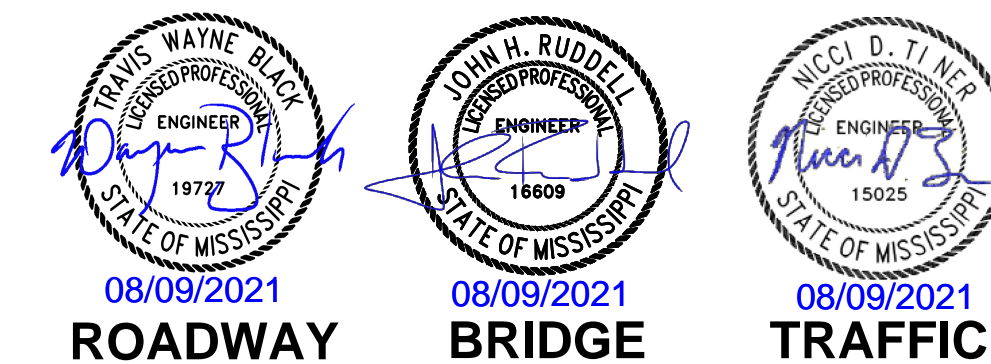
SPECIAL DESIGN - ROADWAY ITEMS (CONT.) (146)

SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V ≤ 40 mph)	SDSE-1	202
SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)	SDSE-2A	203
SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE	SDSE-3A	204
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SPECIAL DESIGN - TYPICAL SECTION WICK DRAIN AND SAND BLANKET DETAILS - U.S. 82 OVER BLACK BAYOU ROAD	SD-7	211
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SPECIAL DESIGN - SAND BLANKET DETAILS - U.S. 82 OVER BLACK BAYOU ROAD	SD-9	213
SPECIAL DESIGN & NOTES - SAND BLANKET AND WICK DRAINS - U.S. 82 UNDER OLD HWY 61 (BRIDGE K)	SD-11	214
SPECIAL DESIGN - BOTTOM FABRIC PLACEMENT PLAN - U.S. 82 UNDER OLD HWY 61 (BRIDGE K)	SD-12	215
SPECIAL DESIGN - TYPICAL SECTION - SAND BLANKET AND WICK DRAINS - U.S. 82 UNDER OLD HWY 61 (BRIDGE K)	SD-13	216
SPECIAL DESIGN - PLAN AND PROFILE - SAND BLANKET AND WICK DRAINS - U.S. 82 UNDER OLD HWY 61 (BRIDGE K)	SD-14	217
SPECIAL DESIGN - PLAN AND PROFILE - SAND BLANKET AND WICK DRAINS - U.S. 82 UNDER OLD HWY 61 (BRIDGE K)	SD-15	218
SUPERELEVATION CASE II ROTATION ABOUT EDGE OF TRAVELED WAY (2% NORMAL SUBGRADE)	SDSE-2B	219
SUPERELEVATION RUNOFF CASE II ROTATION ABOUT EDGE OF TRAVELED WAY	SDSE-3B	220

PERMANENT SIGNS (18)

PERMANENT SIGNING PLAN - U.S. 82 STA. 845+00 TO STA. 895+00	PSP-1	1001
PERMANENT SIGNING PLAN - HAXTON ROAD AND ARCHER RANGE ROAD	PSP-2	1002
PERMANENT SIGNING PLAN - U.S. 82 STA. 895+00 TO STA. 955+00	PSP-3	1003
PERMANENT SIGNING PLAN - U.S. 82 955+00 TO STA. 1015+00	PSP-4	1004
PERMANENT SIGNING PLAN - U.S. 82 1015+00 TO STA. 1075+00	PSP-5	1005
PERMANENT SIGNING PLAN - FLANNAGAN ROAD AND CONNECTION ROAD	PSP-6	1006
PERMANENT SIGNING PLAN - U.S. 82 STA. 1075+00 TO STA. 1135+00	PSP-7	1007
PERMANENT SIGNING PLAN - U.S. 82 STA. 1135+00 TO STA. 1195+00	PSP-8	1008
PERMANENT SIGNING PLAN - U.S. 82 STA. 1195+00 TO STA. 1255+00	PSP-9	1009
PERMANENT SIGNING PLAN - U.S. 82 STA. 1255+00 TO STA. 1285+00	PSP-10	1010
PERMANENT SIGNING PLAN - U.S. 82 STA. 1285+00 TO STA. 1315+00	PSP-11	1011
PERMANENT SIGNING PLAN - OLD HWY 61	PSP-12	1012
PERMANENT SIGNING PLAN - U.S. 82 STA. 1315+00 TO E.O.P. & LANDFILL CONNECTOR	PSP-13	1013
PERMANENT SIGNING DETAILS - U.S. 82	PSD-1	1014
SIGN SUPPORT HARDWARE - 2.5" SQUARE POST	TSS-1	1015
SIGN SUPPORT HARDWARE - 2.0" SQUARE POST	TSS-2	1016
SIGN SUPPORT HARDWARE - 4.0" SQUARE POST (SINGLE POST)	TSS-3	1017
SIGN SUPPORT HARDWARE - 4.0" SQUARE POST (DUAL POST)	TSS-4	1018

8/9/2021 8:05 AM DI1082.DGN ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION



MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX		WORKING NUMBER DI-2
PROJ. NO.: NH-0011-01(056) COUNTY: WASHINGTON		SHEET NUMBER 3
FILENAME: DI1082.DGN DESIGN TEAM: GARVER CHECKED: TWB DATE: AUG 2021	REVISION BY DATE	

DESCRIPTION OF SHEET

WK. NO. SH. NO.

STATE PROJECT NO.
MISS. NH-0011-01(056)

ROADWAY STANDARD DRAWINGS (122)

PAVEMENT (3)

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

BE-1 6007
BER-1 6009
CIP-1 6011

PAVEMENT MARKINGS (11)

PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED ROADWAYS
PAVEMENT MARKING DETAILS FOR 3-LANE 4-LANE AND 5-LANE UNDIVIDED ROADWAYS
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMP (PARALLEL AND TAPER)
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMP (PARALLEL AND TAPER)
PAVEMENT MARKING LEGEND DETAILS
PAVEMENT MARKING LEGEND DETAILS
4-LANE TO 2-LANE TRANSITION AT INTERCHANGE
TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSEOVERS
2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (2-LANE)
RUMBLE STRIPES 2-LANE HIGHWAYS (ASPHALT LANES, 2-FT ASPHALT SHOULDERS)
RUMBLE STRIPES 4-LANE HIGHWAYS (ASPHALT LANES, 2-FT OR WIDER ASPHALT SHOULDERS)

PM-1 6051
PM-2 6052
PM-3 6053
PM-4 6054
PM-5 6055
PM-6 6056
PM-8 6058
PM-9 6059
PM-11 6061
RS-1 6064
RS-2 6065

EROSION CONTROL (27)

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

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

FENCE (8)

FENCE: WOVEN WIRE TIMBER POSTS
FENCE: WOVEN WIRE CONCRETE POSTS
FENCE: BARBED WIRE OR WOVEN WIRE TEE POSTS
FENCE: TYPICAL INSTALLATION AT BRIDGES (WITH GATE)
FENCE: TYPICAL INSTALLATION AT BRIDGES (WITHOUT GATE)
FENCE: TYPICAL INSTALLATION AT DRAINAGE STRUCTURES
FENCE: TYPICAL INSTALLATION AT DITCH CROSSINGS AND FENCE ENDINGS
FENCE: ALUMINUM OR GALVANIZED FERROUS METAL GATE

WW-1 6181
WW-2 6182
WW-3 6183
FI-1 6186
FI-1A 6187
FI-2 6188
FI-3 6189
AG-1 6190

PROTECTIVE BARRIER (10)

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

GR-1 6201
GR-1A 6202
GR-1B 6203
GR-2F 6210
GR-2G 6211
GR-4 6214
GR-4A 6215
GR-RR 6218
GR-HW 6221
CMB-3 6226

DESCRIPTION OF SHEET

WK. NO. SH. NO.

ROADWAY STANDARD DRAWINGS (CONT.) (122)

SIGNING (15)

ROUTE SHIELDS AND "EXIT ONLY" PANELS
STANDARD ROADSIDE SIGNS
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 OF GROUND MOUNTED DIRECTIONAL SIGNS
BREAKAWAY SIGN SUPPORTS
BREAKAWAY SIGN SUPPORTS
BREAKAWAY SIGN SUPPORTS
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS
TYPICAL INSTALLATION OF DELINEATORS
TYPICAL GUARDRAIL DELINEATION
SIGNING DETAILS FOR BRIDGE APPROACHES

SN-2 6302
SN-3 6303
SN-3A 6304
SN-3B 6305
SN-4 6306
SN-4A 6307
SN-4B 6308
SN-5 6309
SN-6 6310
SN-6A 6311
SN-6B 6312
SN-8 6314
SN-8A 6315
SN-8C 6317
SN-9 6318

TRAFFIC CONTROL PLANS (15)

TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)
(MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)
(MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS
SHORT DURATION CLOSING OF DIVIDED HIGHWAYS
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS
DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMP
TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS
TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED HIGHWAYS
LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE

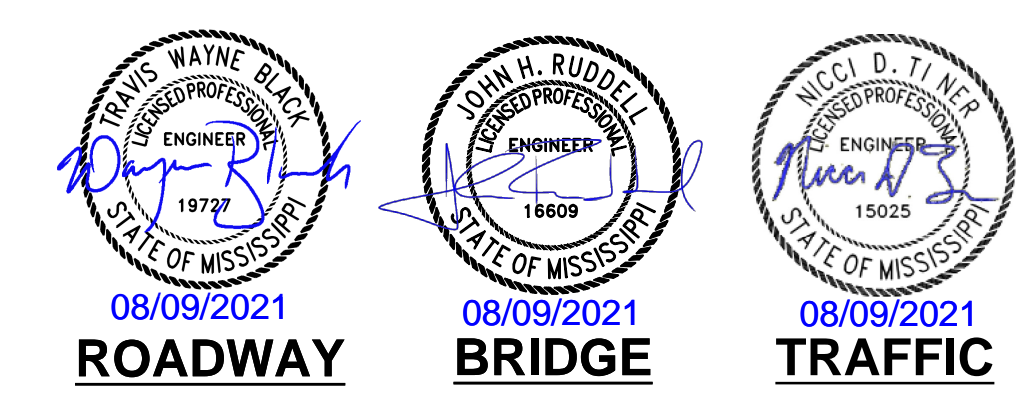
TCP-1 6351
TCP-2 6352
TCP-3 6353
TCP-4 6354
TCP-5 6355
TCP-6 6356
TCP-7 6357
TCP-8 6358
TCP-9 6359
TCP-10 6360
TCP-12 6362
TCP-13 6363
TCP-14 6364
TCP-15 6365
TCP-16 6366

MISCELLANEOUS ROADWAY DETAILS (10)

RIGHT-OF-WAY MARKER
RURAL DRIVEWAYS
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS
SIGHT FLARE
INTERCHANGE DESIGN FOR HIGH-SPEED TAPERED EXIT RAMP
INTERCHANGE DESIGN FOR HIGH-SPEED PARALLEL EXIT RAMP
INTERCHANGE DESIGN FOR HIGH-SPEED PARALLEL ENTRANCE RAMP
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
IR-1 6415
IR-1A 6416
IR-2A 6418
SD-1 6419
MDS-1 6425
PF-1 6426

8/9/2021 11:38 AM DI082.DGN ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION



MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX		WORKING NUMBER DI-3
PROJ. NO.: NH-0011-01(056) COUNTY: WASHINGTON	FILENAME: DI082.DGN	SHEET NUMBER 4
DESIGN TEAM: GARVER	CHECKED: TWB	DATE: AUG 2021

DESCRIPTION OF SHEET

WK. NO. SH. NO.

STATE	PROJECT NO.
MISS.	NH-0011-01(056)

ROADWAY STANDARD DRAWINGS (CONT.) (122)

DESCRIPTION OF SHEET	WK. NO.	SH. NO.
DRAINAGE (19)		
PIPE CULVERT INSTALLATION	PI-1	6501
FLEXIBLE PIPE CULVERT INSTALLATION	PI-2	6502
CONCRETE PIPE COLLAR	PC-1	6503
BRANCH CONNECTIONS	BC-1	6507
TYPE I MEDIAN INLET (24" PIPE AND UNDER)	MI-1	6508
TYPE I MEDIAN INLET (29" TO 51" PIPE)	MI-1A	6509
TYPE I MEDIAN INLET (OVER 51" PIPE)	MI-1B	6510
TYPE II MEDIAN INLET (51" PIPE AND UNDER)	MI-2	6511
MEDIAN INLET FOR BOX CULVERTS (TYPE I & II)	MI-3	6513
MEDIAN INLET (FLUSH WITH FORESLOPE)	MI-4	6514
DETAILS OF GRATES FOR MEDIAN INLETS	IG-1	6516
DETAILS OF GRATES FOR GUTTER INLETS	IG-2	6517
PAVED INLET APRON AND MEDIAN DITCH PLUG	PA-1	6520
STORM SEWER INLET TYPE SS-2	SS-2	6524
STORM SEWER STRUCTURE, PRECAST MANHOLE	MH-1	6528
FLARED END SECTION FOR CONCRETE PIPE	FE-1	6530
FLARED END SECTION FOR CONCRETE ARCH PIPE	FE-1A	6531
DETAILS OF NORMAL UNDERDRAIN AND STORM DRAIN USED AS UNDERDRAIN	UD-1	6533
NORMAL UNDERDRAIN TYPE II	UD-2	6534

DESCRIPTION OF SHEET	WK. NO.	SH. NO.
HEADWALLS (4)		
HEADWALLS FOR CONCRETE PIPE 3:1 SLOPE - 0° - 15° SKEW	HW-3100	6574
HEADWALLS FOR CONCRETE PIPE 3:1 SLOPE - 30° SKEW	HW-3130	6575
HEADWALLS FOR CONCRETE PIPE 3:1 SLOPE - 45° SKEW	HW-3145	6576
HEADWALLS FOR CONCRETE ARCH PIPE 4:1 SLOPE - 30° SKEW	HWA-4130	6583

DESCRIPTION OF SHEET	WK. NO.	SH. NO.
BOX CULVERT STANDARD DRAWINGS (LRFD) (57)		
BASIC CULVERT DRAWINGS - COLLAR LOCATIONS - NORMAL AND SKEWED CULVERTS GROUP I DIAGRAMS	IBJL-1	7005
BASIC CULVERT DRAWINGS - COLLAR LOCATIONS - NORMAL AND SKEWED CULVERTS GROUP II DIAGRAMS	IBJL-1	7006
COLLAR DETAILS FOR BOX STRUCTURES (SINGLE & DOUBLE)	ICJ-1	7008
BARREL DETAILS FOR SINGLE CELL BOX CULVERT - HEIGHT 6 FT. - SPANS 6-20 FT.	IBS-6	7011
BARREL DETAILS FOR SINGLE CELL BOX CULVERT - HEIGHT 6 FT. - SPANS 6-20 FT.	IBS-6	7012
BARREL DETAILS FOR SINGLE CELL BOX CULVERT - HEIGHT 6 FT. - SPANS 6-20 FT.	IBS-6	7013
BARREL DETAILS FOR SINGLE CELL BOX CULVERT - HEIGHT 8 FT. - SPANS 8-20 FT.	IBS-8	7014
BARREL DETAILS FOR SINGLE CELL BOX CULVERT - HEIGHT 8 FT. - SPANS 8-20 FT.	IBS-8	7015
BARREL DETAILS FOR SINGLE CELL BOX CULVERT - HEIGHT 8 FT. - SPANS 8-20 FT.	IBS-8	7016
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 0° SKEW DETAILS - HEIGHTS 6-12 FT. - SPANS 6-24 FT.	IWS-3W	7032
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 0° SKEW DETAILS - HEIGHTS 6 FT. - SPANS 6-20 FT.	IWS-6-3W	7033
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 0° SKEW DETAILS - HEIGHTS 6 FT. - SPANS 6-20 FT.	IWS-6-3W	7034
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 30° SKEW DETAILS - HEIGHTS 6-12 FT. - SPANS 6-24 FT.	IWS-3W-30	7075
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 30° SKEW DETAILS - HEIGHTS 6 FT. - SPANS 6-20 FT.	IWS-6-3W-30	7076
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 30° SKEW DETAILS - HEIGHTS 6 FT. - SPANS 6-20 FT.	IWS-6-3W-30	7077
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 45° SKEW DETAILS - HEIGHTS 6-12 FT. - SPANS 6-24 FT.	IWS-3W-45	7100
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 45° SKEW DETAILS - HEIGHTS 6-12 FT. - SPANS 6-24 FT.	IWS-3W-45	7101
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 45° SKEW DETAILS - HEIGHTS 6 FT. - SPANS 6-20 FT.	IWS-6-3W-45	7102
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 45° SKEW DETAILS - HEIGHTS 6 FT. - SPANS 6-20 FT.	IWS-6-3W-45	7103
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 45° SKEW DETAILS - HEIGHTS 6 FT. - SPANS 6-20 FT.	IWS-6-3W-45	7104
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 45° SKEW DETAILS - HEIGHTS 8 FT. - SPANS 8-20 FT.	IWS-8-3W-45	7105
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 45° SKEW DETAILS - HEIGHTS 8 FT. - SPANS 8-20 FT.	IWS-8-3W-45	7106
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - 45° SKEW DETAILS - HEIGHTS 8 FT. - SPANS 8-20 FT.	IWS-8-3W-45	7107
BASIC BARREL DETAILS FOR DOUBLE CELL BOX CULVERT - HEIGHT 6 FT. - SPANS 12-32 FT.	IBD-6	7115
BASIC BARREL DETAILS FOR DOUBLE CELL BOX CULVERT - HEIGHT 6 FT. - SPANS 12-32 FT.	IBD-6	7116
BASIC BARREL DETAILS FOR DOUBLE CELL BOX CULVERT - HEIGHT 6 FT. - SPANS 12-32 FT.	IBD-6	7117
BASIC BARREL DETAILS FOR DOUBLE CELL BOX CULVERT - HEIGHT 8 FT. - SPANS 16-32 FT.	IBD-8	7118
BASIC BARREL DETAILS FOR DOUBLE CELL BOX CULVERT - HEIGHT 8 FT. - SPANS 16-32 FT.	IBD-8	7119
BASIC BARREL DETAILS FOR DOUBLE CELL BOX CULVERT - HEIGHT 8 FT. - SPANS 16-32 FT.	IBD-8	7120
BASIC BARREL DETAILS FOR DOUBLE CELL BOX CULVERT - HEIGHT 10 FT. - SPANS 20-36 FT.	IBD-10	7121
BASIC BARREL DETAILS FOR DOUBLE CELL BOX CULVERT - HEIGHT 10 FT. - SPANS 20-36 FT.	IBD-10	7122
BASIC BARREL DETAILS FOR DOUBLE CELL BOX CULVERT - HEIGHT 10 FT. - SPANS 20-36 FT.	IBD-10	7123

DESCRIPTION OF SHEET

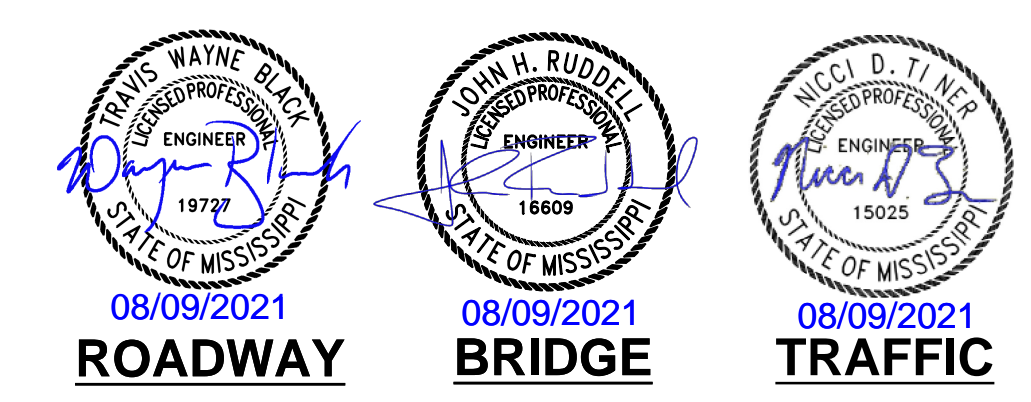
WK. NO. SH. NO.

DESCRIPTION OF SHEET	WK. NO.	SH. NO.
BOX CULVERT STANDARD DRAWINGS (LRFD) (CONT.) (57)		
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 15° SKEW DETAILS - HEIGHTS 6-12 FT. - SPANS 12-40 FT.	IWD-3W-15	7158
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 15° SKEW DETAILS - HEIGHTS 6-12 FT. - SPANS 12-40 FT.	IWD-3W-15	7159
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 15° SKEW DETAILS - HEIGHT 6 FT. - SPANS 12-32 FT.	IWD-6-3W-15	7160
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 15° SKEW DETAILS - HEIGHT 6 FT. - SPANS 12-32 FT.	IWD-6-3W-15	7161
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 15° SKEW DETAILS - HEIGHT 6 FT. - SPANS 12-32 FT.	IWD-6-3W-15	7162
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 30° SKEW DETAILS - HEIGHTS 6-12 FT. - SPANS 12-40 FT.	IWD-3W-30	7185
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 30° SKEW DETAILS - HEIGHTS 6-12 FT. - SPANS 12-32 FT.	IWD-3W-30	7186
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 30° SKEW DETAILS - HEIGHT 6 FT. - SPANS 12-32 FT.	IWD-6-3W-30	7187
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 30° SKEW DETAILS - HEIGHT 6 FT. - SPANS 12-32 FT.	IWD-6-3W-30	7188
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 30° SKEW DETAILS - HEIGHT 6 FT. - SPANS 12-32 FT.	IWD-6-3W-30	7189
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 30° SKEW DETAILS - HEIGHT 8 FT. - SPANS 16-32 FT.	IWD-8-3W-30	7190
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 30° SKEW DETAILS - HEIGHT 8 FT. - SPANS 16-32 FT.	IWD-8-3W-30	7191
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 30° SKEW DETAILS - HEIGHT 8 FT. - SPANS 16-32 FT.	IWD-8-3W-30	7192
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 30° SKEW DETAILS - HEIGHT 10 FT. - SPANS 20-36 FT.	IWD-10-3W-30	7193
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 30° SKEW DETAILS - HEIGHT 10 FT. - SPANS 20-36 FT.	IWD-10-3W-30	7194
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 30° SKEW DETAILS - HEIGHT 10 FT. - SPANS 20-36 FT.	IWD-10-3W-30	7195
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 45° SKEW DETAILS - HEIGHTS 6-12 FT. - SPANS 12-40 FT.	IWD-3W-45	7213
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 45° SKEW DETAILS - HEIGHTS 6-12 FT. - SPANS 12-40 FT.	IWD-3W-45	7214
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 45° SKEW DETAILS - HEIGHT 6 FT. - SPANS 12-32 FT.	IWD-6-3W-45	7215
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 45° SKEW DETAILS - HEIGHT 6 FT. - SPANS 12-32 FT.	IWD-6-3W-45	7216
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 45° SKEW DETAILS - HEIGHT 6 FT. - SPANS 12-32 FT.	IWD-6-3W-45	7217
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 45° SKEW DETAILS - HEIGHT 10 FT. - SPANS 20-36 FT.	IWD-10-3W-45	7221
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 45° SKEW DETAILS - HEIGHT 10 FT. - SPANS 20-36 FT.	IWD-10-3W-45	7222
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 45° SKEW DETAILS - HEIGHT 10 FT. - SPANS 20-36 FT.	IWD-10-3W-45	7223
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - 45° SKEW DETAILS - HEIGHT 10 FT. - SPANS 20-36 FT.	IWD-10-3W-45	7224

DESCRIPTION OF SHEET	WK. NO.	SH. NO.
CROSS SECTIONS (160)		
U.S. 82		9001 - 9079
HAXTON ROAD (LR89659)		9080 - 9085
HAXTON FRONTAGE ROAD (LRHAXFRNT)		9086 - 9092
VFW FRONTAGE ROAD (LRVFWFRNT)		9093 - 9105
VFW FRONTAGE ROAD (VFW-SOUTH)		9106 - 9110
FLANNAGAN ROAD (LR105310)		9111 - 9117
CONNECTION ROAD (CON)		9118 - 9119
NW RAMP (LELNWONRP)		9120 - 9125
SW RAMP (LELSWOFFRP)		9126 - 9128
SE RAMP (LELSEONRP)		9129 - 9132
NE RAMP (LELNEOFFRP)		9133 - 9135
OLD HWY 61 (LR129035)		9136 - 9141
OLD HWY 61 DETOUR (LR129303)		9142 - 9146
LANDFILL CONNECTOR (LRLFCON)		9147 - 9149
OLD HWY 61 FRONTAGE (H61FRNT)		9150 - 9151
LELAND FRNT RD SOUTH (LELFRTS)		9152 - 9154
LELAND U.S. 82 FRONTAGE ROAD (LELFRNT)		9155 - 9158
LELAND U.S. 82 DETOUR (LELFRTDET)		9159 - 9160

TOTAL SHEETS (NOT INCLUDING BRIDGE SHEETS) (577)

8/9/2021 11:38 AM DI 082.DGN



MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX	
PROJ. NO.: NH-0011-01(056) COUNTY: WASHINGTON	WORKING NUMBER DI-4
FILENAME: DI082.DGN DESIGN TEAM: GARVER CHECKED: TWB DATE: AUG 2021	SHEET NUMBER 5

STATE	PROJECT NO.
MISS.	NH-0011-01(056)

GENERAL NOTES

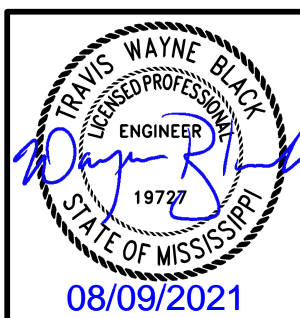
- (1) THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- (2) ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE **MUTCD** (LATEST EDITION).
- (3) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING 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) 20% 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 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.
- (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) FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
- (14) 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.

GENERAL NOTES (CONT.)

- (15) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (16) THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SURFACE TREATED SHOULDER THAT MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH SECTION 410 OF **THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION**. NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.
- (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 COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- (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 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).
- (21) 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.
- (22) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (23) 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.
- (24) 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.

8/16/2021 7:48 AM GN_SH.DGN

REGISTRY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION GENERAL NOTES		
PROJ. NO.: NH-0011-01(056) COUNTY: WASHINGTON		
REVISION	BY	WORKING NUMBER GN-1
DATE	FILENAME: GN_SH.DGN	
DESIGN TEAM	GARVER	SHEET NUMBER 6
CHECKED	TWB	
DATE	APR 2021	

STATE	PROJECT NO.
MISS.	NH-0011-01(056)

GENERAL NOTES

- (25) FOR CLEARING LIMITS ADJACENT TO THE STREAMS AT STATION(S) 869+00, 926+57, 989+30, 1051+35, 1103+38 1160+75, 1195+00, 1233+60, SEE WORKING SHEET NUMBERS ECP-RB-4, 6 ,8, 10, 11, 13, 14, 16. THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.
- (26) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (27) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (28) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (29) 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.
- (30) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.
- (31) 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.
- (32) 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.
- (33) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- (34) 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.
- (35) THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- (36) 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.
- (37) 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.
- (38) 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.
- (39) 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.
- (40) 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.

GENERAL NOTES (CONT.)

- (41) 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.
- (42) MDOT'S TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED UPON SUBSTANTIAL COMPLETION OF THE PROJECT IN ORDER TO EVALUATE THE SPEED LIMIT VALUES AND THE LIMITS OF THE SPEED ZONES PRIOR TO THE FABRICATION AND INSTALLATION OF ANY SPEED LIMIT SIGNS.
- (43) ALL PERMANENT SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- (44) ALL SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER PRIOR TO INSTALLATION.
- (45) 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.
- (46) THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- (47) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM.
- (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.
- (50) NO STUMP GRINDING BELOW THE NATURAL GROUND LINE SURFACE OR GRUBBING ACTIVITIES WILL BE ALLOWED IN THE SHADED AREAS AS INDICATED.

8/16/2021 7:48 AM GN-SH.DGN ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

REVISION		BY		DATE		MISSISSIPPI DEPARTMENT OF TRANSPORTATION GENERAL NOTES	
						PROJ. NO.: NH-0011-01(056) COUNTY: WASHINGTON	
						FILENAME: GN_SH.DGN DESIGN TEAM GARVER CHECKED TWB DATE APR 2021	
						WORKING NUMBER GN-2 SHEET NUMBER 7	

