1st O.REV.

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	NH–APD–0078–01(011)N	1

GENERAL INDEX

INCLUDED THIS PROJECT		BEGIN WITH SHEET
☒	ROADWAY	1
☒	PERMANENT SIGNS	1001
☐	TRAFFIC SIGNALS	2001
☐	ITS COMPONENTS	3001
☐	LIGHTING	4001
☐	(RESERVED)	5001
☒	ROADWAY STANDARD DWGS	6001
☒	BOX CULVERT STD. DRAWINGS (LRFD)	7001
☒	BOX CULVERT STD. DRAWINGS (STD. SPEC.)	7501
☒	BRIDGE	8001
☒	CROSS SECTIONS	9001

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT NO.: NH–APD–0078–01(011)N

S.R. 76
BETWEEN FAIRVIEW AND S.R. 23
ITAWAMBA COUNTY

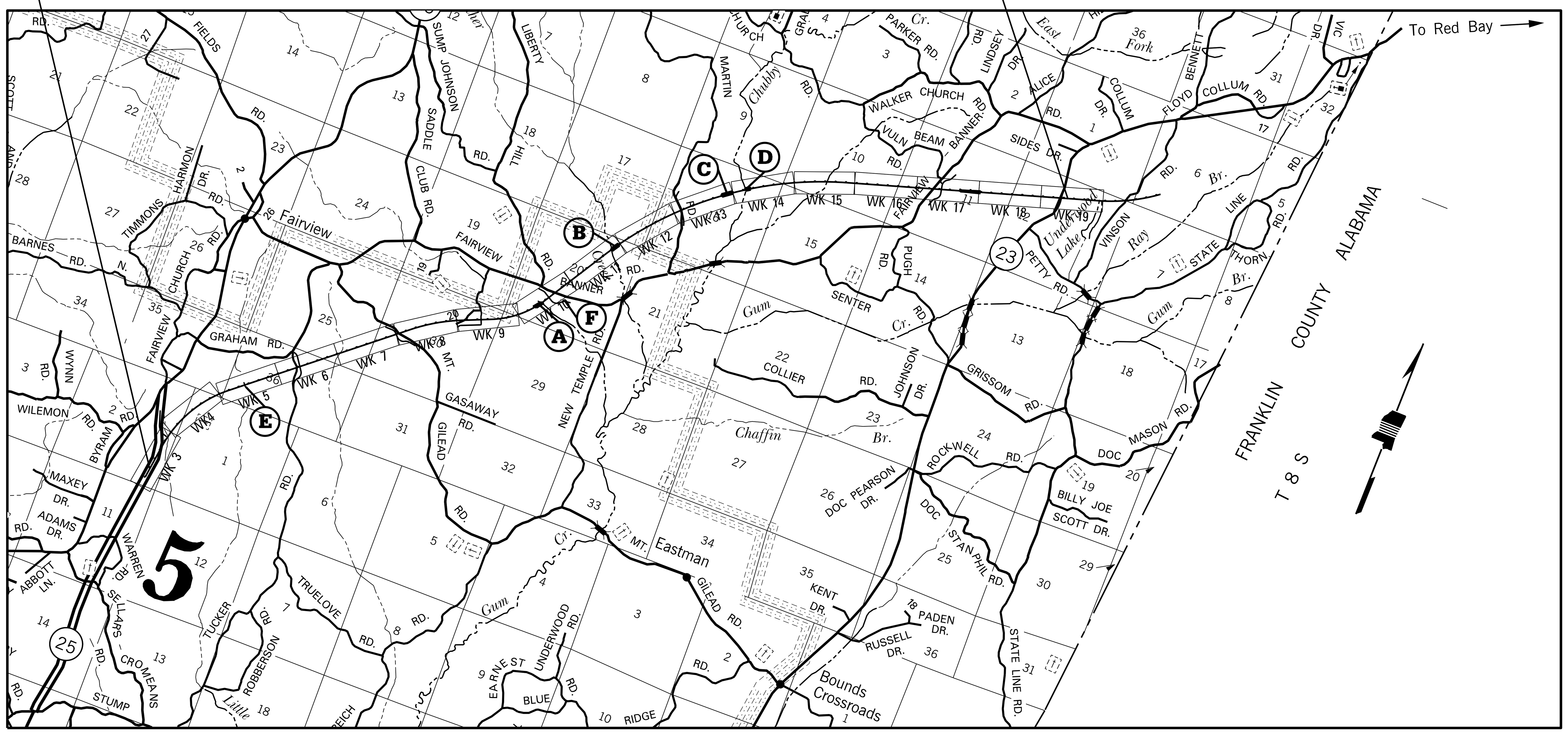
FMS CON. NO. 102076/301000

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 4000 FT.

B.O.P. STA. 439 + 50.000

E.O.P. STA. 922 + 00.000



BRIDGE STRUCTURES REQ'D.

(A) STA. 647 + 76.55 – STA. 651 + 93.38 LT. LN.
STA. 648 + 57.58 – STA. 652 + 66.38 RT. LN.
SPANS: 2@100', 1@110', 1@100'
LENGTH: 412.78'
SKEW: 35° RIGHT FORWARD

(B) STA. 694 + 47.84 – STA. 698 + 79.06 LT LN
STA. 694 + 43.83 – STA. 698 + 77.27 RT LN
SPANS: 1@60', 1@130', 3@80'
LENGTH: 432.33'
SKEW: 15° LEFT FORWARD

(C) STA. 753 + 90.88 – STA. 759 + 31.74 LT LN
STA. 753 + 90.87 – STA. 759 + 34.51 RT LN
SPANS: 9@60'
LENGTH: 542.25'

(D) STA. 765 + 58.21 – STA. 768 + 19.31 LT LN
STA. 765 + 58.21 – STA. 768 + 20.46 RT LN
SPANS: 3@40', 1@100', 1@40'
LENGTH: 261.58'

BOX BRIDGES REQ'D.

(E) STA. 502 + 46 MAINLINE
185' – DBL. 10'x8' RCB REQ'D.
LENGTH ALONG C.L. 22.25'

(F) STA. 38 + 40 FAIRVIEW BANNER RD.
72' – DBL. 10'x4' RCB REQ'D.
LENGTH ALONG C.L. 21.75'

CONVENTIONAL SYMBOLS

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

EQUATIONS

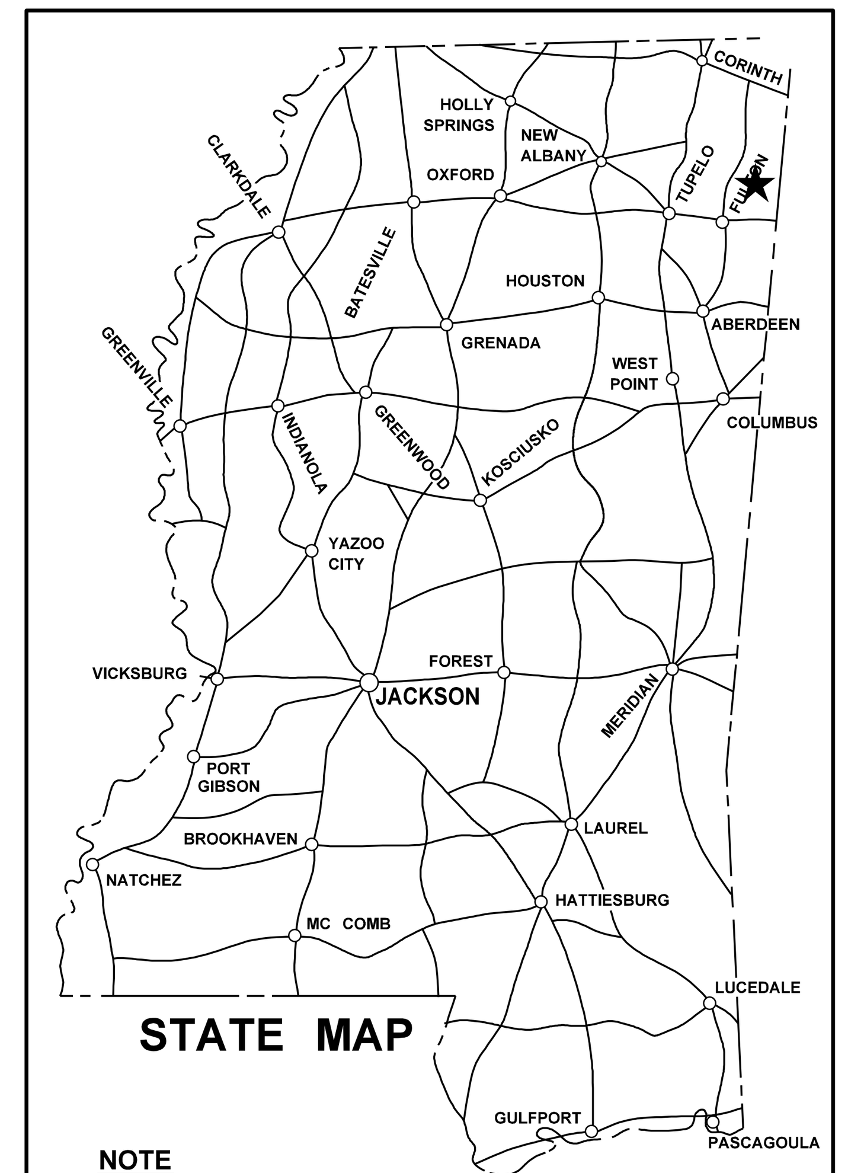
815 + 26.892 BK = 815 + 07.644 AH. + 19.248

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	46619.238	FT.	8.829	MI.
LENGTH OF BRIDGES	1650.010	FT.	0.313	MI.
LENGTH OF PROJECT (NET)			9.161	MI.
LENGTH OF EXCEPTIONS	0.000	FT.		MI.
LENGTH OF PROJECT (GROSS)			9.161	MI.



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34°22' LONG. 88°16'
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

65 MPH = V (SPEED DESIGN)

ADT (2019) = 2000 : ADT (2039) = 2700
DHV = 300 : D = 60 % T = 32 %

PERMITS ACQUIRED BY MDOT (1)

WETLANDS AND WATERS PERMITS

	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	Y	Y
INDIVIDUAL (404)*	N	N

STORMWATER PERMIT [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:

ACCESS CONTROL

NOTES:

1. Access to and exit from this highway will be permitted only through interchange or such other points as may established by public authority and as shown on the plans.
2. This note applies the following station limits: STA. 441 + 07.012 to STA. 877 + 50
This project is declared by the Transportation Commision to be Type 2B Controlled Access Facility, as defined in and subject to all restrictions shown by order of said Commission dated 22 day of November, 2005 in minute book 11, page 847 and authorized under section 65–1–10(I)MCA (1972, as ammended).

P S & E DATE: 8–16–2019

DATE	BY	REVISIONS
11/25/19	DMM	(1) REVISED PERMIT BLOCK

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR

GRAHAM WESLEY LEGATE, LICENSED PROFESSIONAL ENGINEER 20756, STATE OF MISSISSIPPI
DATE: 8/16/2019

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/25/2019 2:09 PM TITLE.DGN

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (6)		
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DETAILED INDEX	DI-2	3
DETAILED INDEX	DI-3	4
DETAILED INDEX	DI-4	5
GENERAL NOTES	GN-1	6
GENERAL NOTES	GN-2	7
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TYPICAL SECTIONS - MAINLINE	TS-1	8
TYPICAL SECTIONS - MAINLINE	TS-2	9
TYPICAL SECTIONS - SOUTH CONN. @ STA. 457+00, LOCAL ROADS	TS-3	10
TYPICAL SECTIONS - LOCAL ROADS	TS-4	11
TYPICAL SECTIONS - LOCAL RD. INTERSECTION	TS-5	12
TYPICAL SECTIONS - LOCAL RD. INTERSECTION	TS-6	13
TYPICAL SECTIONS - DETOURS	TS-7	14
TYPICAL SECTIONS - DETAIL OF BENCHING (FILL & CUT SECTION)	TS-8	15
TYPICAL SECTIONS - MEDIAN CROSS OVERS	TS-9	16
TYPICAL SECTIONS - MISCELLANEOUS	TS-10	17
TYPICAL SECTIONS - MISCELLANEOUS	TS-11	18
QUANTITY SHEETS (27)		
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SUMMARY OF QUANTITIES	SQ-2	20
SUMMARY OF QUANTITIES	SQ-3	21
SUMMARY OF QUANTITIES	SQ-4	22
SUMMARY OF QUANTITIES	SQ-5	23
SUMMARY OF QUANTITIES	SQ-6	24
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ESTIMATED QUANTITIES - DRAINAGE STRUCTURES, CLASS III	EQ-2	26
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES, CLASS III	EQ-3	27
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES, CLASS IV, CLASS V, JOB TOTALS	EQ-4	28
ESTIMATED QUANTITIES - JUNCTION BOXES, CURB AND GUTTER	EQ-5	29
ESTIMATED QUANTITIES - BOX CULVERTS, BOX BRIDGES, BRANCH CONNECTIONS	EQ-6	30
SUMMARY OF CULVERT HYDRAULIC DESIGN	EQ-7	31
ESTIMATED QUANTITIES - SIDE DRAINS, GUARD RAIL	EQ-8	32
ESTIMATED QUANTITIES - RAMPS	EQ-9	33
ESTIMATED QUANTITIES - SILT BASINS	EQ-10	34
ESTIMATED QUANTITIES - TEMPORARY EROSION CONTROL	EQ-11	35
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ESTIMATED QUANTITIES - EARTHWORK	EQ-13	37
ESTIMATED QUANTITIES - BRIDGE END PAVEMENT, REMOVAL ITEMS	EQ-14	38
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ESTIMATED QUANTITIES - TRAFFIC CONTROL	EQ-16	40
ESTIMATED QUANTITIES - DIRECTIONAL SIGN ASSEMBLIES	EQ-17	41
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLY (SHEET 1 OF 2)	EQ-18	42
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLY (SHEET 2 OF 2)	EQ-19	43
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DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
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SR 76 - STA. 439+50 - STA. 460+00	3RT	47
SR 25 CONNECTION	3A	48
SR 76 - STA. 460+00 - STA. 490+00	4LT	49
SR 76 - STA. 460+00 - STA. 490+00	4RT	50
SR 76 - STA. 490+00 - STA. 520+00	5	51
SR 76 - STA. 520+00 - STA. 550+00	6	52
TUCKER ROAD	6A	53
SR 76 - STA. 550+00 - STA. 580+00	7	54
MT. GILEAD ROAD	7A	55
SR 76 - STA. 580+00 - STA. 610+00	8	56
SR 76 - STA. 610+00 - STA. 640+00	9	57
CLEVELAND DRIVE	9A	58
SR 76 - STA. 640+00 - STA. 670+00	10	59
FAIRVIEW BANNER ROAD AT STA. 657+00	10A	60
FAIRVIEW BANNER ROAD DETOUR	10B	61
SR 76 - STA. 670+00 - STA. 700+00	11	62
SR 76 - STA. 700+00 - STA. 730+00	12	63
SR 76 - STA. 730+00 - STA. 760+00	13	64
MARTIN ROAD	13A	65
SR 76 - STA. 760+00 - STA. 790+00	14	66
SR 76 - STA. 790+00 - STA. 819+00	15	67
SR 76 - EASEMENT LEFT	15A	68
SR 76 - STA. 819+00 - STA. 849+00	16	69
SR 76 - STA. 849+00 - STA. 879+00	17	70
FAIRVIEW BANNER ROAD AT STA. 860+92.459	17A	71
FAIRVIEW BANNER ROAD DETOUR	17B	72
SR 76 - STA. 879+00 - STA. 909+00	18	73
SR 76 - STA. 909+00 - STA. 918+92.734	19	74
SR 76 AT SR 23	19A	75
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INTERSECTION DETAIL - SR 76 AND MT. GILEAD RD.	ID-3	78
INTERSECTION DETAIL - SR 76 AND CLEVELAND DR.	ID-4	79
INTERSECTION DETAIL - SR 76 AND FAIRVIEW BANNER RD.	ID-5	80
INTERSECTION DETAIL - SR 76 AND MARTIN RD.	ID-6	81
INTERSECTION DETAIL - SR 76 AND FAIRVIEW BANNER RD.	ID-7	82
INTERSECTION DETAIL - SR 76 AND SR 23	ID-8	83
FORM GRADES SHEETS (5)		
FORM GRADES - STA. 456+96.373 SR 76 AND SR 25 CONNECTION	FG-1	84
FORM GRADES - STA. 657+00 SR 76 STA. 29+72.294 FAIRVIEW BANNER ROAD LT.	FG-2	85
FORM GRADES - STA. 657+00 SR 76 STA. 29+72.294 FAIRVIEW BANNER ROAD RT.	FG-3	86
FORM GRADES - STA. 860+92.45 SR 76 STA. 29+15.713 FAIRVIEW BANNER ROAD LT.	FG-4	87
FORM GRADES - STA. 860+92.45 SR 76 STA, 29+15.713 FAIRVIEW BANNER ROAD RT.	FG-5	88

NEEL-SCHAFFER INC.

PS & E PLANS-DATE: 8-16-2019		
FMS CON. # 102076-301000		
REVISIONS		
DATE	SHEET NO.	BY
11/25/19	1,19,20,21,22,23,24	DMM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJ. NO.: NH-APD-0078-01(011)N
COUNTY: ITAWAMBA

GRAHAM WESLEY LEGATE LICENSED PROFESSIONAL ENGINEER 20756 STATE OF MISSISSIPPI

8-16-19

WORKING NUMBER **DI-1**

FILENAME: **INDEX.dgn**
DESIGN TEAM **NS** CHECKED ____ DATE ____

REVISION BY DATE

SHEET NUMBER **2**

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/25/2019 1:30 PM INDEX.DGN

PAVEMENT MARKING SHEETS (15)

TRAFFIC CONTROL SHEETS (36)

SPECIAL DESIGN SHEETS (48)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJ. NO.: NH-APD-0078-01(011)N

COUNTY: ITAWAMBA

FILENAME: INDEX.dgn

DESIGN TEAM NS CHECKED ____ DATE ____

REVISION | DATE | BY

GRAHAM WESLEY LEGATE — LICENSED PROFESSIONAL ENGINEER — 20756 — STATE OF MISSISSIPPI

8-16-19

WORKING NUMBER DI-2

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/16/2019 12:56PM INDEX.DGN

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
PERMANENT SIGNING SHEETS (14)		
PERMANENT SIGNING - SR 25 AT SR 76	PSP-1	1001
PERMANENT SIGNING - SR 25 AT OLD HWY 25	PSP-2	1002
PERMANENT SIGNING - SR 76	PSP-3	1003
PERMANENT SIGNING - SR 76 AT TUCKER RD.	PSP-4	1004
PERMANENT SIGNING - SR 76 AT MT. GILEAD RD.	PSP-5	1005
PERMANENT SIGNING - SR 76 AT CLEVELAND DR.	PSP-6	1006
PERMANENT SIGNING - SR 76 AT FAIRVIEW BANNER RD.	PSP-7	1007
PERMANENT SIGNING - SR 76	PSP-8	1008
PERMANENT SIGNING - SR 76 AT MARTIN RD.	PSP-9	1009
PERMANENT SIGNING - SR 76	PSP-10	1010
PERMANENT SIGNING - SR 76 AT FAIRVIEW BANNER RD.	PSP-11	1011
PERMANENT SIGNING - SR 76	PSP-12	1012
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33.5" BRIDGE END PAVEMENT RAIL	BER-1	6009
CONCRETE ISLAND PAVEMENT DETAILS	CIP-1	6011
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PAVEMENT MARKING LEGEND DETAILS	PM-6	6056
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RUMBLE STRIPES 4-LANE HIGHWAYS (ASPHALT LANES, 2-FT OR WIDER ASPHALT SHOULDERS)	RS-2	6065
TYPICAL TEMPORARY EROSION / SEDIMENT CONTROL APPLICATIONS	ECD-1	6101
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DETAILS OF SILT FENCE INSTALLATION	ECD-3	6103
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	6104
TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE DITCH CHECKS)	ECD-5	6105
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	6106
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	6107
ROCK DITCH CHECK	ECD-8	6108
ROCK FILTER DAM	ECD-9	6109
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TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION	ECD-11	6111
INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS	ECD-12	6112
INLET PROTECTION DETAILS OF WATTLES	ECD-13	6113
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	6114
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FLOATING TURBIDITY CURTAIN	ECD-20	6120
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TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)	BAS-B	6126
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE C1 SILT BASIN)	BAS-C1	6127
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE C2 SILT BASIN)	BAS-C2	6128
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE D SILT BASIN) (135 CU. YDS. CAPACITY PER ACRE OF DRAINAGE)	BAS-D	6129
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EROSION CONTROL BLANKET	ECB-1	6131
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DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
STANDARD DRAWINGS (2017) - ROADWAY SHEETS (CONTINUED)		
GUARD RAIL : THRIE BEAM (WOOD POSTS)	GR-1A	6202
GUARD RAIL : "W" BEAM (STEEL POSTS)	GR-1B	6203
GUARD RAIL : BRIDGE END SECTION TYPE "I" (WOOD POSTS)(NEW CONSTRUCTION)	GR-2F	6210
GUARD RAIL : BRIDGE END SECTION TYPE "I" (STEEL POSTS)(NEW CONSTRUCTION)	GR-2G	6211
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GUARDRAIL: RUB RAIL HARDWARE	GR-RR	6218
GUARDRAIL: MISCELLANEOUS HARDWARE	GR-HW	6221
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STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4A	6307
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TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS	SN-5	6309
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	SN-6B	6312
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TYPICAL CROSSOVER DELINEATION	SN-8B	6316
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SIGNING DETAILS FOR BRIDGE APPROACHES	SN-9	6318
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-WAY CLOSURE OF TWO-WAY TRAFFIC)	TCP-1	6351
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE)(WORK DAY ONLY)	TCP-2	6352
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)	TCP-3	6353
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)	TCP-4	6354
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)	TCP-5	6355
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS	TCP-6	6356
SHORT DURATION CLOSING OF DIVIDED HIGHWAYS	TCP-7	6357
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TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSSOVER (WORK DAY ONLY)	TCP-11	6361
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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJ. NO.: NH-APD-0078-01(011)N
COUNTY: ITAWAMBA

FILENAME: INDEX.dgn
DESIGN TEAM NS CHECKED ____ DATE ____

BY / REVISION / DATE

GRAHAM WESLEY LEGATE, LICENSED PROFESSIONAL ENGINEER 20756, STATE OF MISSISSIPPI
8-16-19

WORKING NUMBER DI-3
SHEET NUMBER 4

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

10/11/2019 1:58 PM INDEX.DGN

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
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SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V </= 45 mph)	SE-1	6407
SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE	SE-2A	6408
SUPERELEVATION CASE II ROTATION ABOUT EDGE OF TRAVELED WAY	SE-2B	6409
SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE	SE-3A	6413
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DETAILS OF PAVED FLUMES	PF-1	6426
PIPE CULVERT INSTALLATION	PI-1	6501
FLEXIBLE PIPE CULVERT INSTALLATION	PI-2	6502
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BRANCH CONNECTIONS	BC-1	6507
TYPE I MEDIAN INLET (24" PIPE AND UNDER)	MI-1	6508
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TYPE I MEDIAN INLET (OVER 51" PIPE)	MI-1B	6510
TYPE II MEDIAN INLET (51" PIPE AND UNDER)	MI-2	6511
TYPE II MEDIAN INLET (OVER 51" PIPE)	MI-2A	6512
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DETAILS OF GRATES FOR MEDIAN INLETS	IG-1	6516
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STANDARD DRAWINGS - BOX CULVERT (LRFD) SHEETS (33)		
BASIC CULVERT DRAWING COLLAR LOCATIONS NORMAL AND SKEWED CULVERTS GROUP I DIAGRAMS	IBJL-1	7005
BASIC CULVERT DRAWING COLLAR LOCATIONS NORMAL AND SKEWED CULVERTS GROUP II DIAGRAMS	IBJL-1	7006
BASIC CULVERT DRAWING COLLAR LOCATIONS NORMAL AND SKEWED CULVERTS GROUP III DIAGRAMS	IBJL-1	7007
COLLAR DETAILS FOR BOX STRUCTURES (SINGLE & DOUBLE)	ICJ-1	7008
SKEWED COLLAR DETAILS FOR BOX STRUCTURES (SINGLE & DOUBLE)	ICJS-1	7009
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
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL, 15° SKEW DETAILS, 6-12 FT., SPANS 6-24 FT.	IWS-3W-15	7052
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL, 15° SKEW DETAILS, 6 FT., SPANS 6-20 FT.	IWS-6-3W-15	7053
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL, 15° SKEW DETAILS, 6 FT., SPANS 6-20 FT.	IWS-6-3W-15	7054
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL, 30° SKEW DETAILS, 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, 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, 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, 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, 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, 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, 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, 6 FT., SPANS 6-20 FT.	IWS-6-3W-45	7104

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
STANDARD DRAWINGS - BOX CULVERT (LRFD) SHEETS (CONTINUED)		
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
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING DOUBLE CELL, 0° SKEW DETAILS, 6-12 FT., SPANS 12-40 FT.	IWD-3W	7136
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING DOUBLE CELL, 0° SKEW DETAILS, 8 FT., SPANS 16-32 FT.	IWD-8-3W	7139
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING DOUBLE CELL, 0° SKEW DETAILS, 8 FT., SPANS 16-32 FT.	IWD-8-3W	7140
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING DOUBLE CELL, 15° SKEW DETAILS, 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, 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, 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, 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, 6 FT., SPANS 12-32 FT.	IWD-6-3W-15	7162
SPECIAL DESIGN BRIDGE SHEETS - SEE BRIDGE SHEETS BEGINNING ON 8001		
CROSS SECTIONS (225)		
SR 76		9001-9194
LOCAL ROAD - SR 25 CONNECTION		9195-9198
LOCAL ROAD - TUCKER ROAD		9199-9205
LOCAL ROAD - MT. GILEAD ROAD		9206-9208
LOCAL ROAD - CLEVELAND DRIVE		9209-9212
LOCAL ROAD - FAIRVIEW BANNER ROAD STA. 657+00		9213-9216
LOCAL ROAD - MARTIN ROAD		9217-9220
LOCAL ROAD - FAIRVIEW BANNER ROAD STA. 860+92.459		9221-9225
TOTAL SHEETS (NOT INCLUDING BRIDGE SHEETS)		572

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJ. NO.: NH-APD-0078-01(011)N
COUNTY: ITAWAMBA

FILENAME: INDEX.dgn
DESIGN TEAM NS CHECKED DATE

REVISION BY DATE

8-16-19

WORKING NUMBER DI-4

SHEET NUMBER 5

STATE	PROJECT NO.
MISS.	NH-APD-0078-01(011)N

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) 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.

(8) 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.

(9) 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.

(10) 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.

(11) 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.

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

(13) 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)

(14) FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3 LT.

(15) ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PROIR TO FABRICATION.

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 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 FIFTEEN (15) FEET ON ONE SIDE OF THE BRIDGE RAIL OF ONE BRIDGE AND FOURTY (40) FEET ON THE OPPOSITE SIDE OF THE BRIDGE RAIL OF THE OTHER BRIDGE. WITHIN THIS 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 OF THIS 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) 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.

(23) 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.

(24) LAYERS OF ROCK WHICH CAN BE REMOVED WITHOUT SPECIALIZED EQUIPMENT WILL BE PAID FOR AS UNCLASSIFIED EXCAVATION. SPECIALIZED EQUIPMENT WILL BE DEFINED AS EQUIPMENT NOT USED IN NORMAL EARTHWORK OPERATIONS, SUCH AS A TRACK HOE, EXCAVATOR, AND SCRAPER.

(25) 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.

GENERAL NOTES (CONT.)

(26) FOR CLEARING LIMITS ADJACENT TO THE STREAMS AT STATION(S) 650+70, 696+00, 767+50 AND 808+50, SEE WORKING SHEET SHEET NUMBERS ECP-RB-1 TO ECP-RB-4. THE CLEARING LIMITS SHOWN ON THESE SHEETS ARE ONLY FOR THE RIPARIAN BUFFER CLEARING. CLEARING AT OTHER LOCATIONS SHOULD STILL APPLY.

(27) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.

(28) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.

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

(30) 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.

(31) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS, AND EROSION CONTROL SHEETS.

(32) 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.

(33) 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.

(34) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.

(35) 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.

(36) THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.

(37) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.

(38) 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.

(39) 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.

(40) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM WITH THE EXCEPTION OF THE GUIDE SIGN 0.0625” OVERLAY PANELS WHICH SHALL BECOME THE PROPERTY OF MDOT. 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.

GENERAL NOTES (CONT.)

(41) DIRECT-APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL GUIDE SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM MDOT’S PROJECT ENGINEER.

(42) 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.

(43) 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.

(44) FULL ACCESS SHALL BE PROVIDED TO ALL RESIDENCES WITHIN THE PROJECT LIMITS AT ALL TIMES.

(45) ANY MISCELLANEOUS CONCRETE OR FOUNDATIONS ENCOUNTERED WHERE STRUCTURES HAVE BEEN REMOVED, SHALL BE REMOVED FROM THE PROJECT, COST SHALL BE INCLUDED IN CLEARING AND GRUBBING.

(46) REMOVAL OF EXISTING TREATED SUBGRADE WILL BE COST ABSORBED IN OTHER BID ITEMS.