

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	STP-0022-04(040)	1

GENERAL INDEX

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY	1
<input checked="" type="checkbox"/> PERMANENT SIGNS	1001
<input checked="" 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 type="checkbox"/> BOX CULVERT STD. DRAWINGS (LRFD)	7001
<input checked="" 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. STP-0022-04(040)

SR 15 FROM THE PONTOTOC COUNTY LINE TO EXISTING 5-LANE AT NEW ALBANY UNION COUNTY

FMS CON. NO. 102607 / 302000

SCALES

PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 5000 FT.

BRIDGE STRUCTURES REQ'D.

BRIDGE A - NO. 287.6
SR 15 @ OKANNATIE CREEK
LT. STA. 493 + 12.88 TO STA. 497 + 35.12
RT. STA. 493 + 43.88 TO STA. 497 + 66.12
2@80'-1@100'-2@80'

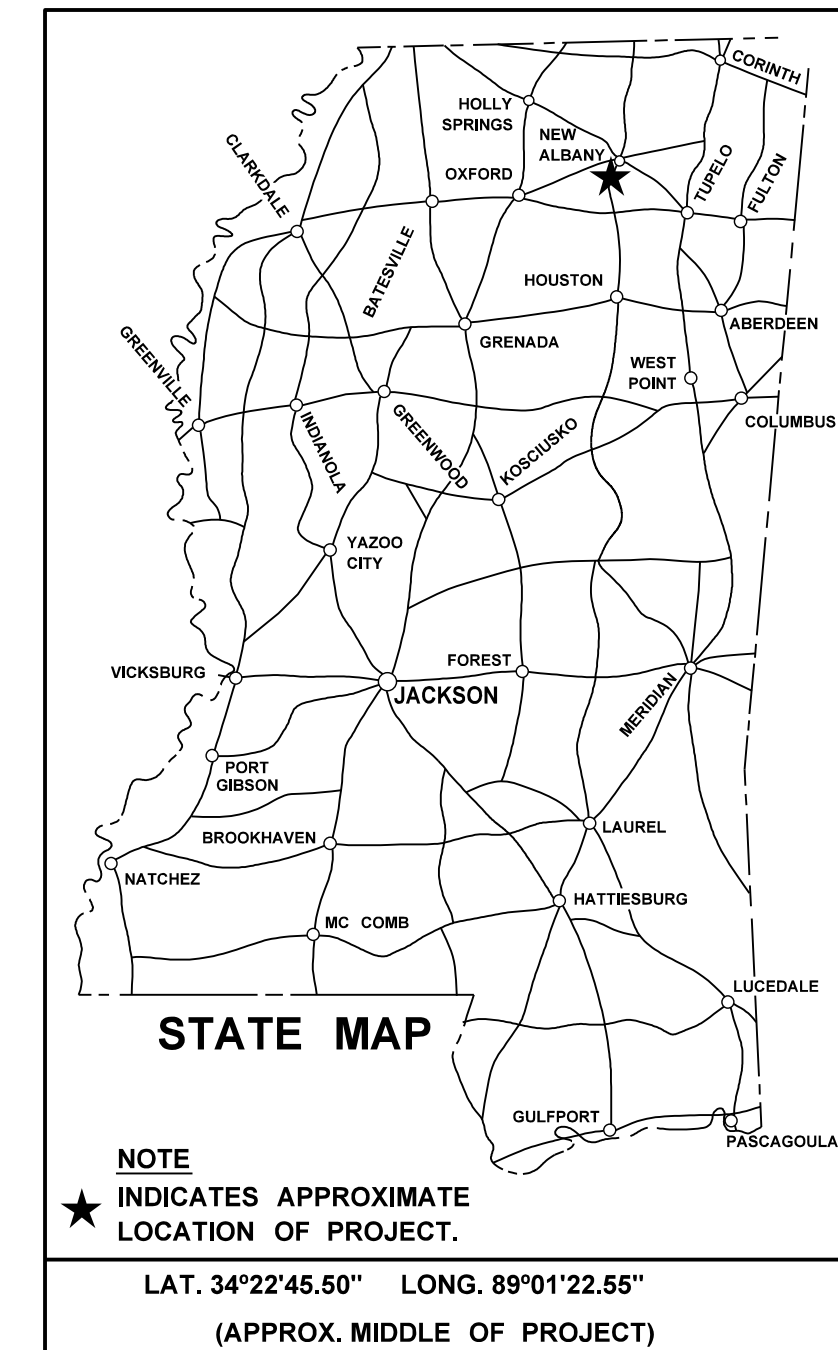
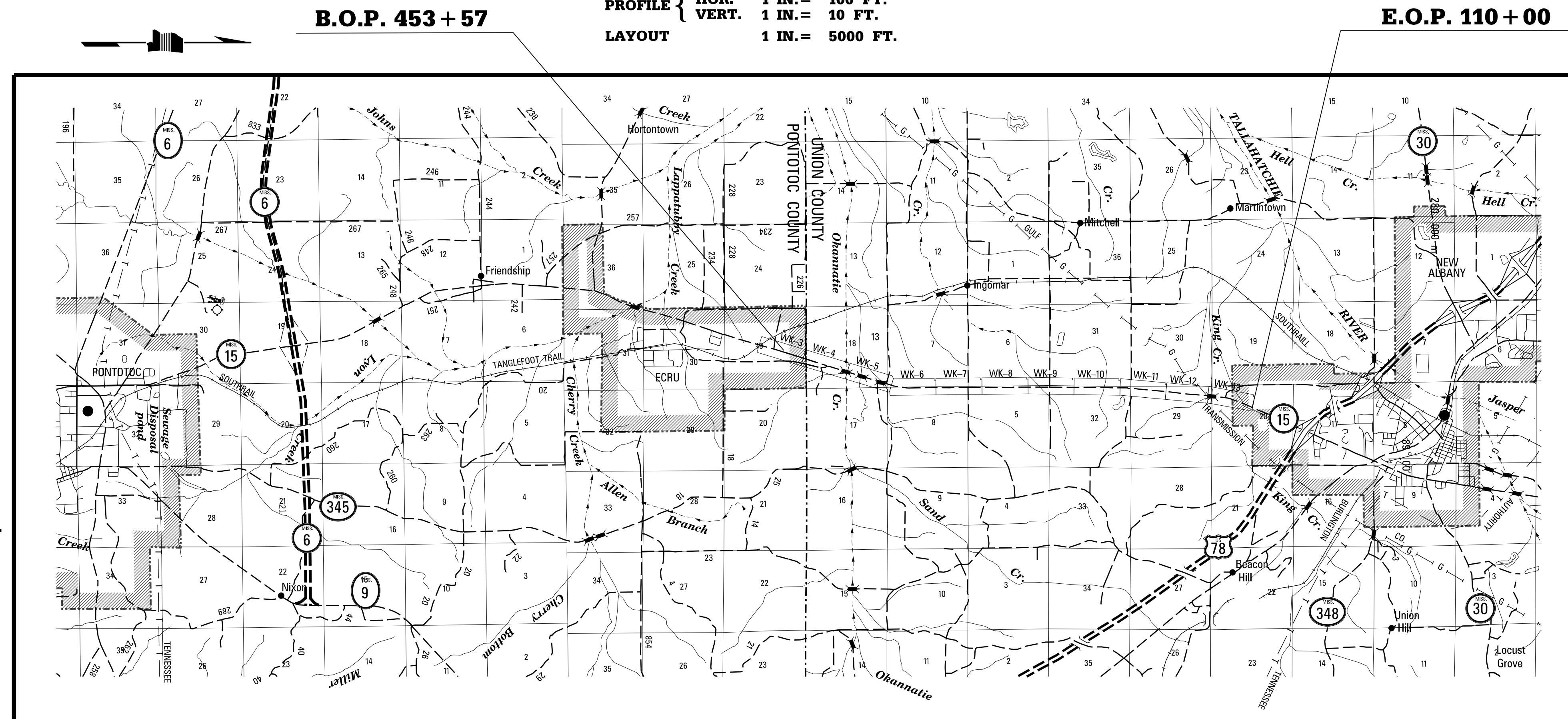
BRIDGE B - NO. 287.8
SR 15 @ OKANNATIE CREEK RELIEF
LT. STA. 504 + 43.92 TO STA. 506 + 46.08
RT. STA. 504 + 43.92 TO STA. 506 + 46.08
1@60'-1@80'-1@60'

BRIDGE C - NO. 292.6
SR 15 @ KING CREEK
STA. 734 + 08.92 TO STA. 737 + 21.08
1@80'-1@150'-1@80'

BOX BRIDGES REQ'D.

BOX BRIDGE NO. 288.1
SR 15 @ OKANNATIE CREEK TRIBUTARY
STA. 518 + 50

BOX BRIDGE NO. 292.8
SR 15 @ KING CREEK RELIEF
STA. 88 + 72.743



DESIGN CONTROL

65 MPH = V (SPEED DESIGN)

ADT (2020) = 11,670 ; ADT (2040) = 15,720
 DHV = 1,500 ; D = 60 % T = 11 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS		
	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/> N
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/> N
GENERAL*	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> A
INDIVIDUAL (404)*	<input checked="" type="checkbox"/> N	<input checked="" type="checkbox"/> N

STORMWATER PERMIT Y

Y REQUIRED, CNDI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)
 S REQUIRED, SCNDI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
 N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: _____

3/15/2023 5:47 PM TITLE.DGN

CONVENTIONAL SYMBOLS

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

EQUATIONS

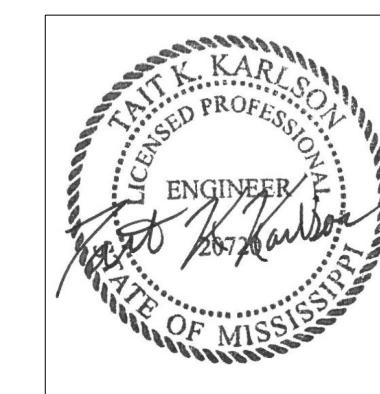
STA. 536 + 77.711 BK = STA. 536 + 79.975 AH
STA. 733 + 04.494 BK = STA. 733 + 00.000 AH
STA. 738 + 71.177 BK = STA. 86 + 19.180 AH
STA. 105 + 04.232 BK = STA. 105 + 00.000 AH

LENGTH DATA

LENGTH OF ROADWAY	30894.98 FT.	5.85 MI.
LENGTH OF BRIDGES	936.56 FT.	0.18 MI.
LENGTH OF PROJECT (NET)		6.10 MI.
LENGTH OF EXCEPTIONS	0 FT.	0.00 MI.
LENGTH OF PROJECT (GROSS)		6.10 MI.

EXCEPTIONS

NONE



P S & E DATE: 8 / 31 / 2021	
APPROVED:	DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER
EXECUTIVE DIRECTOR	
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION	

1st O.REV.

STATE	PROJECT NO.
MISS.	STP-0022-04(040)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

ROADWAY		
TITLE SHEET		1
DETAILED INDEX & GENERAL NOTES (5)		
DETAILED INDEX	DI-1	2
DETAILED INDEX	DI-2	3
DETAILED INDEX	DI-3	4
GENERAL NOTES	GN-1	5
GENERAL NOTES	GN-2	6
TYPICAL SECTION SHEETS (12)		
TYPICAL SECTIONS - SR 15 - 4 LANE DIVIDED NEW CONSTRUCTION	TS-1	7
TYPICAL SECTIONS - SR 15 - 4 LANE DIVIDED WIDEN & OVERLAY AND NEW CONSTRUCTION	TS-2	8
TYPICAL SECTIONS - SR 15 - 4 LANE DIVIDED NEW CONSTRUCTION AND PAVEMENT RECLAMATION	TS-3	9
TYPICAL SECTIONS - SR 15 - 4 LANE DIVIDED WITH UNDERCUT	TS-4	10
TYPICAL SECTIONS - SR 15 - 5 LANE OPEN SHOULDER AND CURB & GUTTER	TS-5	11
TYPICAL SECTIONS - SR 15 - 5 LANE CURB & GUTTER	TS-6	12
TYPICAL SECTIONS - SR 15 - BRIDGES	TS-7	13
TYPICAL SECTIONS - SR 15 - CROSSOVER	TS-8	14
TYPICAL SECTIONS - LOCAL ROADS & CHANNELIZED ISLAND	TS-9	15
TYPICAL SECTIONS - LOCAL ROADS - CURB & GUTTER	TS-10	16
TYPICAL SECTIONS - LOCAL ROADS - OPEN SHOULDER	TS-11	17
TYPICAL SECTIONS - SR 15 NORTHBOUND TEMPORARY CONNECTION	TS-12	18
SUMMARY OF QUANTITIES & ESTIMATED QUANTITIES (28)		
SUMMARY OF QUANTITIES	SQ-1	19
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 - EARTHWORKS	EQ-2	26
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ESTIMATED QUANTITIES - EROSION CONTROL	EQ-4	28
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ESTIMATED QUANTITIES - DRIVEWAYS & SIDE DRAINS	EQ-12	36
ESTIMATED QUANTITIES - DRIVEWAYS & SIDE DRAINS	EQ-13	37
ESTIMATED QUANTITIES - GUARDRAIL, BRIDGE END PAVEMENT, AND DELINEATORS	EQ-14	38
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ESTIMATED QUANTITIES - STANDARD ROADSIDE ASSEMBLIES	EQ-17	41
ESTIMATED QUANTITIES - STANDARD ROADSIDE ASSEMBLIES	EQ-18	42
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ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-21	45
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SR 15 LEFT - B.O.P. TO STA. 466+50	3LT	47
SR 15 RIGHT - B.O.P. TO STA. 466+50	3RT	48
SR 15 NORTHBOUND - TEMPORARY CONNECTION	3A	49
SR 15 LEFT - STA. 466+50 TO STA. 496+50	4LT	50
SR 15 RIGHT - STA. 466+50 TO STA. 496+50	4RT	51
JOHNSON BEND / COUNTY ROAD 255 - STA. 0+00 TO STA. 12+00	4A	52
COUNTY ROAD 106 - STA. 30+00 TO STA. 35+00	4B	53
SR 15 LEFT - STA. 496+50 TO STA. 526+50	5LT	54
SR 15 RIGHT - STA. 496+50 TO STA. 526+50	5RT	55
COUNTY ROAD 107 - STA. 30+00 TO STA. 35+00	5A	56
COUNTY ROAD 96 - STA. 25+00 TO STA. 31+00	5B	57
SR 15 LEFT - STA. 526+50 TO STA. 555+50	6LT	58
SR 15 RIGHT - STA. 526+50 TO STA. 555+50	6RT	59
SR 15 LEFT - STA. 555+50 TO STA. 585+50	7LT	60

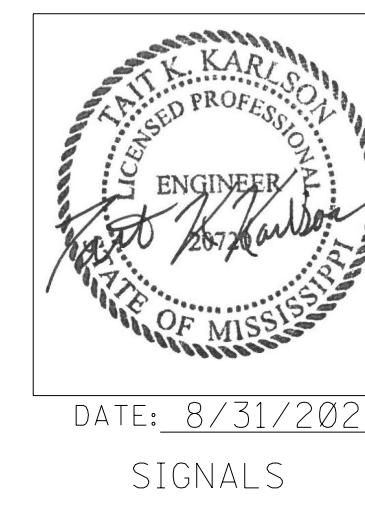
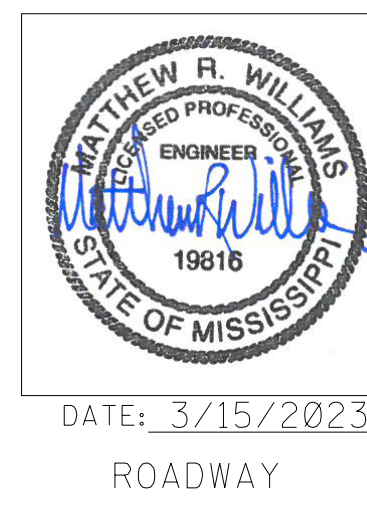
DESCRIPTION OF SHEET

WKG. NO. SH. NO.

PLAN & PROFILE SHEETS (CONTINUED)		
SR 15 RIGHT - STA. 555+50 TO STA. 585+50	7RT	61
SR 762 & COUNTY ROAD 101 - STA. 25+00 TO STA. 35+00	7A	62
SR 15 LEFT - STA. 585+50 TO STA. 615+50	8LT	63
SR 15 RIGHT - STA. 585+50 TO STA. 615+50	8RT	64
COUNTY ROAD 326 - STA. 30+00 TO STA. 39+00	8A	65
SR 15 LEFT - STA. 615+50 TO STA. 645+50	9LT	66
SR 15 RIGHT - STA. 615+50 TO STA. 645+50	9RT	67
COUNTY ROAD 94 - STA. 25+00 TO STA. 35+00	9A	68
SR 15 LEFT - STA. 645+50 TO STA. 675+50	10LT	69
SR 15 RIGHT - STA. 645+50 TO STA. 675+50	10RT	70
OAKS VIEW DRIVE - STA. 30+00 TO STA. 35+00	10A	71
COUNTRY CLUB ROAD - STA. 30+00 TO STA. 35+00	10B	72
SR 15 LEFT - STA. 675+50 TO STA. 705+50	11LT	73
SR 15 RIGHT - STA. 675+50 TO STA. 705+50	11RT	74
COUNTY ROAD 88 - STA. 25+00 TO STA. 35+00	11A	75
SR 15 LEFT - STA. 705+50 TO STA. 733+00	12LT	76
SR 15 RIGHT - STA. 705+50 TO STA. 733+00	12RT	77
SR 15 LEFT - STA. 733+00 TO E.O.P.	13	78
SOUTH CENTRAL AVE. - STA. 20+50 TO STA. 25+00	13A	79
EROSION CONTROL SHEETS (35)		
SR 15 LEFT - B.O.P. TO STA. 466+50	ECP-3LT	80
SR 15 RIGHT - B.O.P. TO STA. 466+50	ECP-3RT	81
SR 15 LEFT - STA. 466+50 TO STA. 496+50	ECP-4LT	82
SR 15 RIGHT - STA. 466+50 TO STA. 496+50	ECP-4RT	83
RIPARIAN BUFFER - SR 15 - BRIDGE 287.6	EC-RB-4	84
JOHNSON BEND / COUNTY ROAD 255 - STA. 0+00 TO STA. 12+00	ECP-4A	85
COUNTY ROAD 106 - STA. 30+00 TO STA. 35+00	ECP-4B	86
SR 15 LEFT - STA. 496+50 TO STA. 526+50	ECP-5LT	87
SR 15 RIGHT - STA. 496+50 TO STA. 526+50	ECP-5RT	88
RIPARIAN BUFFER - SR 15 - BRIDGE 287.8	EC-RB-5	89
COUNTY ROAD 107 - STA. 30+00 TO STA. 35+00	ECP-5A	90
COUNTY ROAD 96 - STA. 25+00 TO STA. 31+00	ECP-5B	91
SR 15 LEFT - STA. 526+50 TO STA. 555+50	ECP-6LT	92
SR 15 RIGHT - STA. 526+50 TO STA. 555+50	ECP-6RT	93
SR 15 LEFT - STA. 555+50 TO STA. 585+50	ECP-7LT	94
SR 15 RIGHT - STA. 555+50 TO STA. 585+50	ECP-7RT	95
COUNTY ROAD 101 - STA. 25+00 TO STA. 35+00	ECP-7A	96
SR 15 LEFT - STA. 585+50 TO STA. 615+50	ECP-8LT	97
SR 15 RIGHT - STA. 585+50 TO STA. 615+50	ECP-8RT	98
COUNTY ROAD 326 - STA. 30+00 TO STA. 39+00	ECP-8A	99
SR 15 LEFT - STA. 615+50 TO STA. 645+50	ECP-9LT	100
SR 15 RIGHT - STA. 615+50 TO STA. 645+50	ECP-9RT	101
COUNTY ROAD 94 - STA. 25+00 TO STA. 35+00	ECP-9A	102
SR 15 LEFT - STA. 645+50 TO STA. 675+50	ECP-10LT	103
SR 15 RIGHT - STA. 645+50 TO STA. 675+50	ECP-10RT	104
OAKS VIEW DRIVE - STA. 30+00 TO STA. 35+00	ECP-10A	105
COUNTRY CLUB ROAD - STA. 30+00 TO STA. 35+00	ECP-10B	106
SR 15 LEFT - STA. 675+50 TO STA. 705+50	ECP-11LT	107
SR 15 RIGHT - STA. 675+50 TO STA. 705+50	ECP-11RT	108
COUNTY ROAD 88 - STA. 25+00 TO STA. 35+00	ECP-11A	109
SR 15 LEFT - STA. 705+50 TO STA. 733+00	ECP-12LT	110
SR 15 RIGHT - STA. 705+50 TO STA. 733+00	ECP-12RT	111
RIPARIAN BUFFER - SR 15 - BRIDGE 292.6	EC-RB-12	112
SR 15 LEFT - STA. 733+00 TO E.O.P.	ECP-13	113
SOUTH CENTRAL AVE. - STA. 20+50 TO STA. 25+00	ECP-13A	114

3/15/2023 5:52 PM DI.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION PLAN DIVISION

PS & E PLANS-DATE 8/31/2021		
FMS CON. # 102607/302000		
REVISIONS		
DATE	SHEET NO.	BY
3/15/23	1,5,8,10,18,19,20,26,37,50,51,54,55,73,74,75,78,79,82,83,87,88,107,108,109,112,113,114	MJ



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO.: STP-0022-04(040)	COUNTY: UNION
FILENAME: DI.dgn	DESIGN TEAM: GRESHAM SMITH
WORKING NUMBER: DI-1	SHEET NUMBER: 2

STATE	PROJECT NO.
MISS.	STP-0022-04(040)

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

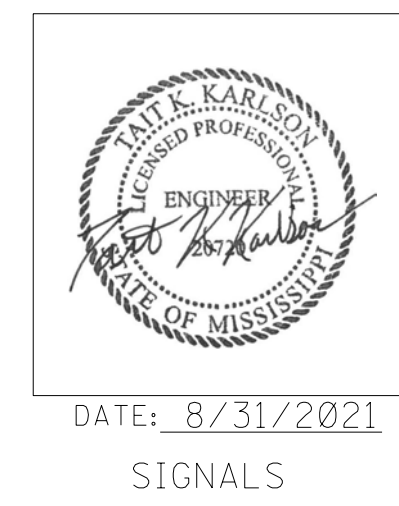
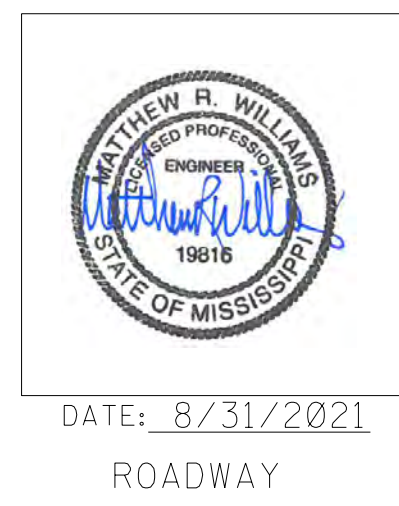
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TRAFFIC CONTROL PLAN - PHASE 1 - STA. 500+00 TO STA. 515+00		TC-4	126
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SR 15 - STA. 461+50 TO STA. 476+50		PMD-1	174
SR 15 - STA. 476+50 TO STA. 492+00		PMD-2	175
SR 15 - STA. 492+00 TO STA. 508+00		PMD-3	176
SR 15 - STA. 511+50 TO STA. 527+50		PMD-4	177
SR 15 - STA. 568+20 TO STA. 584+20		PMD-5	178
SR 15 - STA. 604+80 TO STA. 620+80		PMD-6	179

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

PAVEMENT MARKING DETAIL (CONTINUED)			
SR 15 - STA. 620+80 TO STA. 636+80		PMD-7	180
SR 15 - STA. 646+50 TO STA. 662+50		PMD-8	181
SR 15 - STA. 675+50 TO STA. 691+50		PMD-9	182
SR 15 - STA. 722+50 TO STA. 738+50		PMD-10	183
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FORM GRADES - COUNTY ROAD 107 AT SR 15		FG-1	185
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FORM GRADES - COUNTY ROAD 101 AT SR 15 RT SIDE		FG-3	187
FORM GRADES - COUNTY ROAD 94 AT SR 15		FG-4	188
FORM GRADES - COUNTY ROAD 88 AT SR 15		FG-5	189
FORM GRADES - SR 15		FG-6	190
FORM GRADES - SR 15		FG-7	191
FORM GRADES - SOUTH CENTRAL AVE AT SR 15		FG-8	192
MISCELLANEOUS ROADWAY ITEMS (13)			
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CONTROL POINT LAYOUT SHEET		CP-2	197
ROW COORDINATE SHEET		RC-1	198
ROW COORDINATE SHEET		RC-2	199
ROW COORDINATE SHEET		RC-3	200
EASEMENT COORDINATE SHEET		RC-4	201
SIGN SUPPORT HARDWARE - 2.5" SQUARE POST		TSS-1	202
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37.5" BRIDGE END PAVEMENT RAIL		SD-BER-2	205
PERMANENT SIGNING SHEETS (24)			
PERMANENT SIGNING - GENERAL NOTES		PSP-GN	1001
SR 15 - B.O.P. TO STA. 468+00		PSP-1	1002
SR 15 - STA. 468+00 TO STA. 483+00		PSP-2	1003
SR 15 - STA. 483+00 TO STA. 496+50		PSP-3	1004
SR 15 - STA. 496+50 TO STA. 511+50		PSP-4	1005
SR 15 - STA. 511+50 TO STA. 526+50		PSP-5	1006
SR 15 - STA. 526+50 TO STA. 541+50		PSP-6	1007
SR 15 - STA. 541+50 TO STA. 556+50		PSP-7	1008
SR 15 - STA. 556+50 TO STA. 571+50		PSP-8	1009
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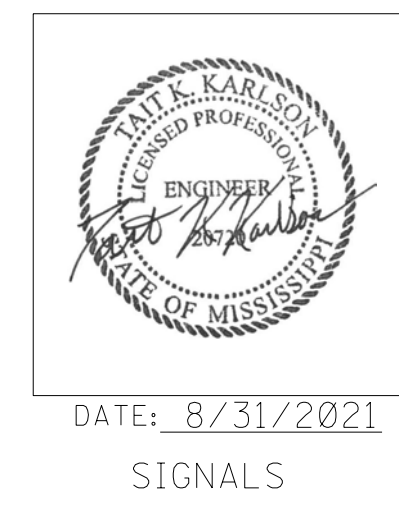
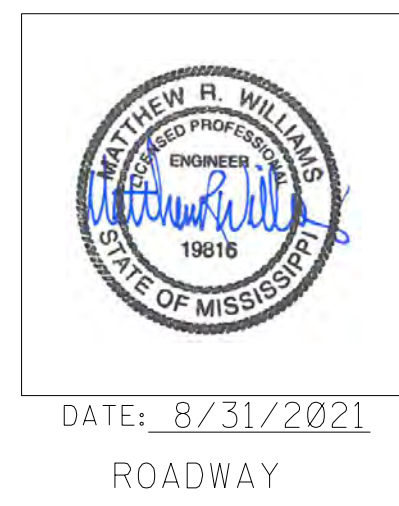
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