STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	STP–0029–02(018)	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
☒	BRIDGE STANDARD DWGS	7001
☐	BRIDGE	8001
☒	CROSS SECTIONS	9001

BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REQ'D.

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP–0029–02(018)

PAVING PLANS

I269 FROM SR 305 TO EAST OF MACON RD.
DESOTO & MARSHALL CO.

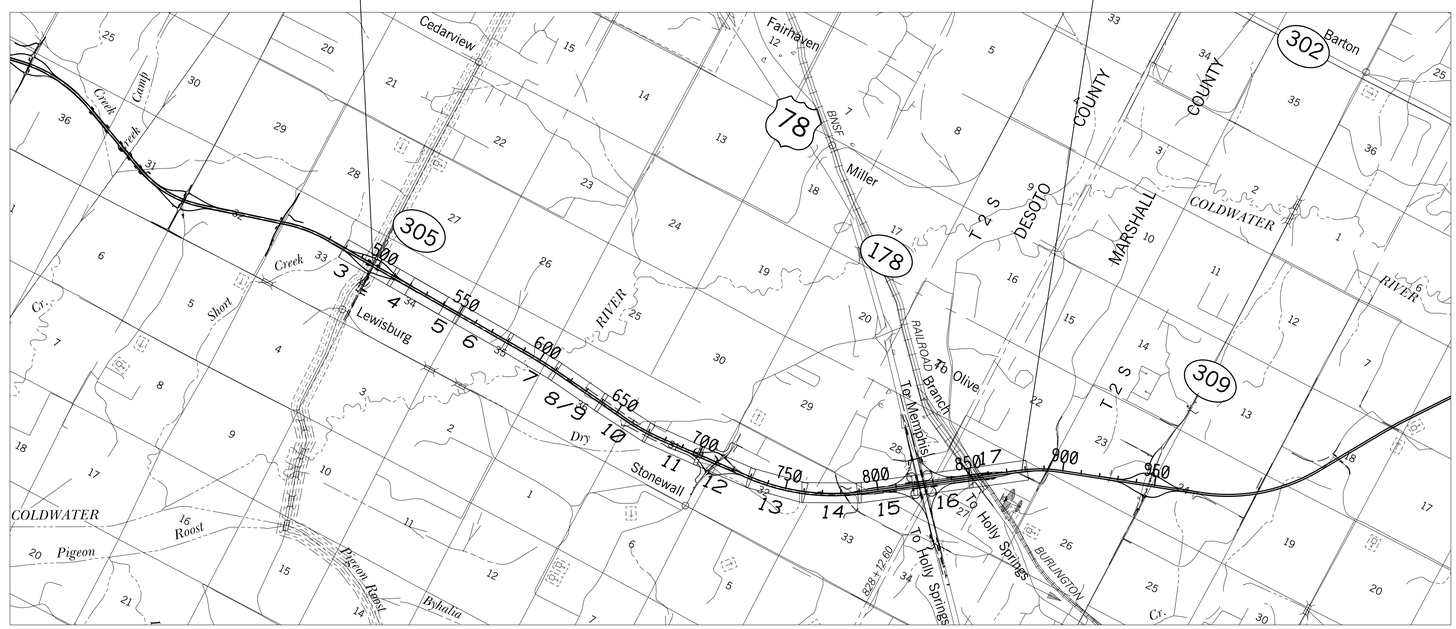
FMS 102556/306000 & 307000

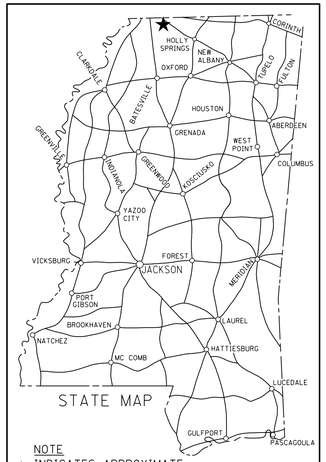
STA. 498+65.248 BEGINNING OF PROJECT

STA. 878+00

SCALES

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





STATE MAP

NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34°46'08.9"N LONG. 83°53'03.7"W
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

70 MPH = V (SPEED DESIGN)

ADT (2017) = 28000 : ADT (2037) = 46000

DHV = 4600 : D = 60 % T = 22 %

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS
(NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

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

* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

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

1. 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.
2. 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 adopted on the 13th day of May, 2008 in minute book 13, page 179 and 180 and authorized under section 65–1–10(1) MCA (1972, as amended).

GPS CONTROL NOTES

HORIZONTAL DATUM: NAD 83/86 MS WEST ZONE (US SURVEY FEET)

HORIZONTAL MONUMENT	NORTH	EAST
GPS 59	1992864.650	2459753.146
GPS0303	2008575.561	2359059.268
HOLLY	1930592.975	2540555.798
OLIVE	1994498.545	2459744.241

VERTICAL DATUM: NAVD 88 (US SURVEY FEET)

VERTICAL MONUMENT	ELEVATION
78V 118	335.39
78V 119	403.38
72V 38	399.65
72V 39	416.19
Crenshaw 2 Az	417.73

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	0.999997911
GRID TO GEODETIC AZIMUTH	0°23'28.67629"

EQUATIONS

STA. 540+00 BK. = STA. 539+52.049 AH. (+47.951')
STA. 613+05.431 BK. = STA. 613+05.707 AH. (-0.276')

EXCEPTIONS

LENGTH DATA MEASURED ALONG RT. LN.

	DESOTO COUNTY		MARSHALL COUNTY		JOB TOTALS	
LENGTH OF ROADWAY	28358.410 FT.	5.371 MI.	3445.546 FT.	0.652 MI.	31803.956 FT.	6.023 MI.
LENGTH OF BRIDGES	4601.057 FT.	0.871 MI.	1577.414 FT.	0.299 MI.	6178.471 FT.	1.170 MI.
LENGTH OF PROJECT (NET)		6.242 MI.		0.951 MI.		7.193 MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.	0 FT.	0 MI.	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)		6.242 MI.		0.951 MI.		7.193 MI.

RAYMOND KYLE ELDSON
LICENSED PROFESSIONAL ENGINEER
15139
STATE OF MISSISSIPPI

01-08-16

P S & E DATE: 01/08/16

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR

DATE	REVISIONS	BY

MDOT
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/5/2016 14:03:38 ELE.DGN

1st O.REV.

FMS CON:102556/306000 & 307000

STATE	PROJECT NO.
MISS.	STP-0029-02(018)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)	1	1
DETAIL INDEX & GENERAL NOTES (8)		
DETAILED INDEX	DI-1	2
DETAILED INDEX	DI-2	3
DETAILED INDEX	DI-3	4
DETAILED INDEX	DI-4	5
DETAILED INDEX	DI-5	6
GENERAL NOTES	GN-1	7
GENERAL NOTES	GN-2	8
GENERAL NOTES (ITS)	GN-ITS	9
TYPICAL SECTIONS (8)		
TYPICAL SECTIONS - MAINLINE I-269	TS-1	10
TYPICAL SECTIONS - INTERCHANGE RAMPS AND COLLECTOR-DISTRIBUTOR ROAD	TS-2	11
TYPICAL SECTIONS - INTERCHANGE RAMPS AND COLLECTOR-DISTRIBUTOR ROAD	TS-3	12
TYPICAL SECTIONS - NORTHEAST AND SOUTHEAST RAMPS AT U.S. 78	TS-4	13
TYPICAL SECTIONS - CHANNELIZED INTERSECTION AT INTERCHANGE RAMPS	TS-5	14
TYPICAL SECTIONS - PAVEMENT AT BRIDGE END SLAB	TS-6	15
TYPICAL SECTIONS - RED BANKS ROAD	TS-7	16
TYPICAL SECTIONS	TS-8	17
QUANTITY SHEETS (22)		
SUMMARY OF QUANTITIES	SQ-1	18
SUMMARY OF QUANTITIES	SQ-2	19
SUMMARY OF QUANTITIES	SQ-3	20
SUMMARY OF QUANTITIES	SQ-4	21
SUMMARY OF QUANTITIES	SQ-5	22
SUMMARY OF QUANTITIES	SQ-6	23
SUMMARY OF QUANTITIES	SQ-7	24
ESTIMATED QUANTITIES FOR PIPE CULVERT DRAINAGE STRUCTURES	EQ-1	25
ESTIMATED QUANTITIES FOR HYDRAULIC DESIGN, EARTHWORK, BOX CULVERTS TEMPORARY EROSION CONTROL ITEMS	EQ-2	26
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL ITEMS AND CURB AND GUTTER	EQ-3	27
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS - DESOTO COUNTY	EQ-4	28
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS - MARSHALL COUNTY	EQ-5	29
ESTIMATED QUANTITIES FOR BRIDGE END PAVEMENT AND GUARD RAIL	EQ-6	30
ESTIMATED QUANTITIES FOR PAVEMENT MARKINGS	EQ-7	31
ESTIMATED QUANTITIES FOR STANDARD ROADSIDE SIGN ASSEMBLIES (DESOTO CO.)	EQ-8	32
ESTIMATED QUANTITIES FOR STANDARD ROADSIDE SIGN ASSEMBLIES (MARSHALL CO.)	EQ-9	33
ESTIMATED QUANTITIES FOR STANDARD ROADSIDE SIGNS	EQ-10	34
ESTIMATED QUANTITIES FOR STANDARD ROADSIDE SIGNS	EQ-11	35
ESTIMATED QUANTITIES FOR DIRECTIONAL SIGN ASSEMBLIES	EQ-12	36
ESTIMATED QUANTITIES FOR REMOVAL ITEMS, PERMANENT EROSION CONTROL	EQ-13	37
ESTIMATED QUANTITIES FOR ITS ITEMS	EQ-14	38
ESTIMATED QUANTITIES FOR ITS ITEMS	EQ-15	39
PLAN & PROFILE SHEETS (50)		
MAIN FACILITY - STA. B.O.P. - STA. 510+00	3	40
HWY. NO. 305 - RELOCATION	3-A	41
HWY. NO. 305 - RELOCATION	3-B	42
HWY. NO. 305 - SOUTHEAST RAMP	3-C	43
HWY. NO. 305 - NORTHEAST RAMP	3-D	44
MAIN FACILITY - STA. 510+00 - STA. 525+00	4	45
MAIN FACILITY - STA. 525+00 - STA. 550+00	5	46
MAIN FACILITY - STA. 550+00 - STA. 580+00	6	47
MAIN FACILITY - STA. 580+00 - STA. 610+00	7	48
MAIN FACILITY - STA. 610+00 - STA. 625+00	8	49
MAIN FACILITY - STA. 625+00 - STA. 640+00	9	50
MAIN FACILITY - STA. 640+00 - STA. 670+00	10	51
MAIN FACILITY - STA. 670+00 - STA. 700+00	11	52
MAIN FACILITY - STA. 700+00 - STA. 730+00	12	53
LAYOUT OF INTERCHANGE - REDBANKS ROAD	12-A	54
NORTH WEST RAMP AT REDBANKS ROAD	12-B	55
NORTH EAST RAMP AT REDBANKS ROAD	12-C	56
SOUTH WEST RAMP AT REDBANKS ROAD	12-D	57
SOUTH EAST RAMP AT REDBANKS ROAD	12-E	58
MAIN FACILITY - STA. 730+00 - STA. 760+00	13	59
MAIN FACILITY - STA. 760+00 - STA. 790+00	14	60
MAIN FACILITY - STA. 790+00 - STA. 820+00	15	61

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
PLAN & PROFILE SHEETS (CONTINUED)		
MAIN FACILITY - STA. 820+00 - STA. 850+00	16	62
LAYOUT OF INTERCHANGE AT U.S. HWY 78	16-A	63
LAYOUT OF INTERCHANGE AT U.S. HWY 78	16-B	64
NORTH WEST LOOP AT U.S. HWY 78	16-C	65
NORTH WEST RAMP AT U.S. HWY 78	16-D	66
NORTH WEST RAMP AT U.S. HWY 78	16-E	67
NORTH EAST RAMP AT U.S. HWY 78	16-F	68
NORTH EAST LOOP AT U.S. HWY 78	16-G	69
SOUTH WEST RAMP AT U.S. HWY 78	16-H	70
SOUTH WEST LOOP AT U.S. HWY 78	16-I	71
SOUTH EAST RAMP AT U.S. HWY 78	16-J	72
SOUTH EAST LOOP AT U.S. HWY 78	16-K	73
NORTH BOUND C-D ROAD AT U.S. HWY 78	16-L	74
NORTH BOUND C-D ROAD AT U.S. HWY 78	16-M	75
NORTH BOUND C-D ROAD AT U.S. HWY 78	16-N	76
NORTH BOUND C-D ROAD AT U.S. HWY 78	16-O	77
SOUTH BOUND C-D ROAD AT U.S. HWY 78	16-P	78
SOUTH BOUND C-D ROAD AT U.S. HWY 78	16-Q	79
SOUTH BOUND C-D ROAD AT U.S. HWY 78	16-R	80
SOUTH BOUND C-D ROAD AT U.S. HWY 78	16-S	81
EAST BOUND C-D ROAD AT U.S. HWY 78	16-T	82
EAST BOUND C-D ROAD AT U.S. HWY 78	16-U	83
EAST BOUND C-D ROAD AT U.S. HWY 78	16-V	84
WEST BOUND C-D ROAD AT U.S. HWY 78	16-W	85
WEST BOUND C-D ROAD AT U.S. HWY 78	16-X	86
WEST BOUND C-D ROAD AT U.S. HWY 78	16-Y	87
WEST BOUND C-D ROAD AT U.S. HWY 78	16-Z	88
MAIN FACILITY - STA. 850+00 TO STA. EOP	17	89
DETAILS OF CONSTRUCTION SIGNING & TRAFFIC CONTROL PLAN (7)		
DETAIL CONSTRUCTION SIGNING	DCS-1	90
TRAFFIC CONTROL PLAN (MS HWY NO 305)	TC-1	91
TRAFFIC CONTROL PLAN (MS HWY NO 305)	TC-2	92
TRAFFIC CONTROL PLAN (REDBANKS ROAD)	TC-3	93
TRAFFIC CONTROL PLAN (REDBANKS ROAD)	TC-4	94
TRAFFIC CONTROL PLAN (U.S. HWY NO 78)	TC-5	95
TRAFFIC CONTROL PLAN (U.S. HWY NO 78)	TC-6	96
INTERSECTION DETAIL SHEETS (3)		
INTERSECTION DETAIL - REDBANKS ROAD (STA. 25+50)	ID-1	97
INTERSECTION DETAIL - REDBANKS ROAD (STA. 37+28.21)	ID-2	98
INTERSECTION DETAIL - MS HWY 305 & NORTHEAST RAMP	ID-3	99
FORM GRADES (29)		
FORM GRADES - I-269/SR304 FROM I55 TO SR305 SE AND NE RAMPS AT SR305	FG-1	100
FORM GRADES - SOUTHWEST RAMP AT RED BANKS ROAD	FG-2	101
FORM GRADES - RED BANKS ROAD SOUTHWEST RAMP	FG-2A	102
FORM GRADES - NORTHWEST RAMP @ RED BANKS ROAD	FG-3	103
FORM GRADES - RED BANKS ROAD NORTHWEST RAMP	FG-3A	104
FORM GRADES - SOUTHEAST RAMP @ RED BANKS ROAD	FG-4	105
FORM GRADES - RED BANKS ROAD SOUTHEAST RAMP	FG-4A	106
FORM GRADES - NORTHEAST RAMP @ RED BANKS ROAD	FG-5	107
FORM GRADES - RED BANKS ROAD NORTHEAST RAMP	FG-5A	108
FORM GRADES - NORTHBOUND CD RD. EXIT FROM NB I-269	FG-6	109
FORM GRADES - SOUTHEAST RAMP EXIT FROM NB CD RD. AT U.S. 78	FG-7	110

NEEL-SCHAFFER

PS & E PLANS-DATE 01/08/16		
FMS CON. # 102556/306000 & 307000		
REVISIONS		
DATE	SHEET NO.	BY
2-12-16	4,6,18,19,20,21,22,26, 68,167,271,7005,7008, 7011-7013,7075-7077	RTM

RAYMOND KYLE ELDSON LICENSED PROFESSIONAL ENGINEER 15139 STATE OF MISSISSIPPI

02-12-16

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAIL INDEX

REVISION | BY | DATE

Project No.: STP-0029-02(018)

County: DESOTO & MARSHALL

FILENAME: INDEX.DGN

DESIGN TEAM ____ CHECKED ____ DATE ____

WORKING NUMBER DI-1

SHEET NUMBER 2

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

2/11/2016 08:40:14 INDEX.DGN

STATE	PROJECT NO.
MISS.	STP-0029-02(018)

FORM GRADES (CONTINUED)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
FORM GRADES - NORTHBOUND CD RD. LOOP RAMP	FG-8	111
FORM GRADES - NORTHEAST RAMP ENTRANCE TO NB CD RD. AT U.S. 78	FG-9	112
FORM GRADES - NORTHBOUND CD RD. ENTRANCE TO NB I-269	FG-10	113
FORM GRADES - SOUTHBOUND CD RD. ENTRANCE TO I-269	FG-11	114
FORM GRADES - SOUTHWEST RAMP ENTRANCE TO SB CD RD.	FG-12	115
FORM GRADES - SOUTHBOUND CD RD. LOOP RAMP	FG-13	116
FORM GRADES - NORTHWEST RAMP EXIT FROM SB CD RD. AT U.S. 78	FG-14	117
FORM GRADES - SOUTHBOUND CD RD. EXIT FROM I-269	FG-15	118
FORM GRADES - WESTBOUND CD RD. EXIT FROM U.S. 78	FG-16	119
FORM GRADES - NORTHEAST RAMP EXIT FROM WB CD RD AT U.S. 78	FG-17	120
FORM GRADES - WESTBOUND CD ROAD LOOP RAMP	FG-18	121
FORM GRADES - NORTHWEST RAMP ENTRANCE TO WB CD RD AT U.S. 78	FG-19	122
FORM GRADES - WESTBOUND CD ROAD ENTRANCE TO WB U.S. 78	FG-20	123
FORM GRADES - EASTBOUND CD RD. ENTRANCE TO EB U.S. 78	FG-21	124
FORM GRADES - SOUTHWEST RAMP ENTRANCE TO EB CD RD.	FG-22	125
FORM GRADES - EASTBOUND CD ROAD LOOP RAMP	FG-23	126
FORM GRADES - SOUTHWEST RAMP EXIT FROM EB CD RD. AT U.S. 78	FG-24	127
FORM GRADES - EASTBOUND CD RD. EXIT FROM EB U.S. 78	FG-25	128

PAVEMENT MARKING DETAIL SHEETS (34)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
PERMANENT PAVEMENT MARKING DETAILS	PMD-1	129
PERMANENT PAVEMENT MARKING DETAILS	PMD-2	130
PERMANENT PAVEMENT MARKING DETAILS	PMD-3	131
PERMANENT PAVEMENT MARKING DETAILS	PMD-4	132
PERMANENT PAVEMENT MARKING DETAILS	PMD-5	133
PERMANENT PAVEMENT MARKING DETAILS	PMD-6	134
PERMANENT PAVEMENT MARKING DETAILS	PMD-7	135
PERMANENT PAVEMENT MARKING DETAILS	PMD-8	136
PERMANENT PAVEMENT MARKING DETAILS	PMD-9	137
PERMANENT PAVEMENT MARKING DETAILS	PMD-10	138
PERMANENT PAVEMENT MARKING DETAILS	PMD-10A	139
PERMANENT PAVEMENT MARKING DETAILS	PMD-11	140
PERMANENT PAVEMENT MARKING DETAILS	PMD-12	141
PERMANENT PAVEMENT MARKING DETAILS	PMD-13	142
PERMANENT PAVEMENT MARKING DETAILS	PMD-14	143
PERMANENT PAVEMENT MARKING DETAILS	PMD-15	144
PERMANENT PAVEMENT MARKING DETAILS	PMD-16	145
PERMANENT PAVEMENT MARKING DETAILS	PMD-17	146
PERMANENT PAVEMENT MARKING DETAILS	PMD-18	147
PERMANENT PAVEMENT MARKING DETAILS	PMD-19	148
PERMANENT PAVEMENT MARKING DETAILS	PMD-20	149
PERMANENT PAVEMENT MARKING DETAILS	PMD-21	150
PERMANENT PAVEMENT MARKING DETAILS	PMD-22	151
PERMANENT PAVEMENT MARKING DETAILS	PMD-23	152
PERMANENT PAVEMENT MARKING DETAILS	PMD-24	153
PERMANENT PAVEMENT MARKING DETAILS	PMD-25	154
PERMANENT PAVEMENT MARKING DETAILS	PMD-26	155
PERMANENT PAVEMENT MARKING DETAILS	PMD-27	156
PERMANENT PAVEMENT MARKING DETAILS	PMD-28	157
PERMANENT PAVEMENT MARKING DETAILS	PMD-29	158
PERMANENT PAVEMENT MARKING DETAILS	PMD-30	159
PERMANENT PAVEMENT MARKING DETAILS	PMD-31	160
PERMANENT PAVEMENT MARKING DETAILS	PMD-32	161
PERMANENT PAVEMENT MARKING DETAILS	PMD-33	162

SPECIAL DESIGN SHEETS (32)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
MISCELLANEOUS CONSTRUCTION DETAILS	MCD-1	163
MISCELLANEOUS CONSTRUCTION DETAILS (SPECIAL DESIGN FLUMES FOR LOOP RAMPS)	MCD-2	164
VEGETATION SCHEDULE	VS-1	165
33.5" BRIDGE END PAVEMENT RAIL	BE-PR-1B	166
BRIDGE END PAVEMENT WITH RAIL AND OVERLAY	BEPR-SS	167
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	SDTCP-10	168
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	169
SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE	SDRO-1	170
SUPERELEVATION RUNOFF CASE II ROTATION ABOUT EDGE OF TRAVEL WAY	SDRO-2	171
SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V<= 40 MPH)	SDSE-1	172

SPECIAL DESIGN SHEETS (CONTINUED)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
SUPERELEVATION CASE 1 ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)	SDSE-2A	173
SUPERELEVATION TRANSITION CASE II ROTATION ABOUT EDGE OF TRAVEL WAY (2% NORMAL SUBGRADE)	SDSE-2C	174
SUPERELEVATION TRANSITION CASE I ROTATION ABOUT CENTERLINE (URBAN FACILITY, V=50MPH)	SDSE-2E	175
SUPERELEVATION TRANSITION CASE I ROTATION ABOUT CENTERLINE (V=55MPH)	SDSE-2X	176
SPECIAL DESIGN INTERCHANGE DESIGN FOR HIGH-SPEED PARALLEL EXIT RAMP FOR 2° CURVE WITH LENGTH OF TANGENT OF 204' DESIGN SPEED = 60 MPH	IR-1A-MOD-1	177
SPECIAL DESIGN INTERCHANGE DESIGN FOR HIGH-SPEED PARALLEL ENTRANCE RAMP WITH D = 2° & D = 4° DESIGN SPEED = 60 MPH	IR-2A-MOD-1	178
SPECIAL DESIGN INTERCHANGE DESIGN FOR HIGH-SPEED PARALLEL ENTRANCE RAMP WITH D = 2° & D = 2° 48' DESIGN SPEED = 60 MPH	IR-2A-MOD-2	179
RUMBLE STRIP DETAILS FOR OGFC OR CONC. ROADWAY WITH ASPHALT SHOULDER	RS-1	180
LOCATION OF R16-3 SIGNS	R16-3	181
TYPE I BRIDGE END SECTION (WOOD POSTS)	SDGR-2G	182
TYPE I BRIDGE END SECTION (STEEL POSTS)	SDGR-2F	183
GUARD RAIL (RUB RAIL HARDWARE)	SDGR-RR	184
PAVING DETAILS AT RAMP - OGFC TRANSITION	PD-1	185
T.C.P. FOR POSTED SPEED LIMIT 65 OR 70 MPH	SDTCP-4	186
PAVEMENT MARKING DETAILS FOR 4-LANE & 5-LANE UNDIVIDED ROADWAYS (MARKER PLACED INSIDE TURN LANES)	SDPM-2	187
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMP (PARALLEL & TAPER)	SDPM-3	188
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMP (PARALLEL & TAPER)	SDPM-4	189
BREAKAWAY SIGN SUPPORTS	SDSN-6B	190
TYP. INSTALLATION & DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	SDSN-8	191
DRIVEWAYS, CURB AND GUTTER, AND SIDEWALK	SDSD-1	192
DRIVEWAYS, INTEGRAL CURB, AND SIDEWALK	SDSD-2	193
GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	SDGR-4	194

PRELIMINARY EROSION CONTROL PLAN SHEETS (76)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
PRELIMINARY EROSION CONTROL PLANS - I-269 (B.O.P. TO 510+00)	ECP-3	195
PRELIMINARY EROSION CONTROL PLANS - SR 305	ECP-3A	196
PRELIMINARY EROSION CONTROL PLANS - SR 305	ECP-3B	197
PRELIMINARY EROSION CONTROL PLANS - SE RAMP @ SR 305	ECP-3C	198
PRELIMINARY EROSION CONTROL PLANS - NE RAMP @ SR 305	ECP-3D	199
PRELIMINARY EROSION CONTROL PLANS - I-269 (510+00 TO 525+00)	ECP-4	200
PRELIMINARY EROSION CONTROL PLANS - I-269 (525+00 TO 550+00)	ECP-5	201
PRELIMINARY EROSION CONTROL PLANS - I-269 (550+00 TO 580+00)	ECP-6	202
PRELIMINARY EROSION CONTROL PLANS - I-269 (580+00 TO 610+00)	ECP-7	203
PRELIMINARY EROSION CONTROL PLANS - I-269 (610+00 TO 625+00)	ECP-8	204
PRELIMINARY EROSION CONTROL PLANS - I-269 (625+00 TO 640+00)	ECP-9	205
PRELIMINARY EROSION CONTROL PLANS - I-269 (640+00 TO 670+00)	ECP-10	206
PRELIMINARY EROSION CONTROL PLANS - I-269 (670+00 TO 700+00)	ECP-11	207
PRELIMINARY EROSION CONTROL PLANS - I-269 (700+00 TO 730+00)	ECP-12	208
PRELIMINARY EROSION CONTROL PLANS - REDBANKS INTERCHANGE	ECP-12A	209

RAYMOND KYLE ELDSON
LICENSED PROFESSIONAL ENGINEER
15139
STATE OF MISSISSIPPI

01-08-16

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAIL INDEX

Project No.: STP-0029-02(018)

County: DESOTO & MARSHALL

FILENAME: INDEX.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER DI-2

SHEET NUMBER 3

1st O.REV.

FMS CON:102556/306000 & 307000

STATE	PROJECT NO.
MISS.	STP-0029-02(018)

PRELIMINARY EROSION CONTROL PLAN SHEETS (CONTINUED)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
PRELIMINARY EROSION CONTROL PLANS - NW RAMP @ REDBANKS	ECP-12B	210
PRELIMINARY EROSION CONTROL PLANS - NE RAMP @ REDBANKS	ECP-12C	211
PRELIMINARY EROSION CONTROL PLANS - SW RAMP @ REDBANKS	ECP-12D	212
PRELIMINARY EROSION CONTROL PLANS - SE RAMP @ REDBANKS	ECP-12E	213
PRELIMINARY EROSION CONTROL PLANS - I-269 (730+00 TO 760+00)	ECP-13	214
PRELIMINARY EROSION CONTROL PLANS - I-269 (760+00 TO 790+00)	ECP-14	215
PRELIMINARY EROSION CONTROL PLANS - I-269 (790+00 TO 820+00)	ECP-15	216
PRELIMINARY EROSION CONTROL PLANS - I-269 (820+00 TO 850+00)	ECP-16	217
PRELIMINARY EROSION CONTROL PLANS - US 78 INTERCHANGE LAYOUT	ECP-16A	218
PRELIMINARY EROSION CONTROL PLANS - US 78 INTERCHANGE LAYOUT	ECP-16B	219
PRELIMINARY EROSION CONTROL PLANS - NW LOOP @ US 78	ECP-16C	220
PRELIMINARY EROSION CONTROL PLANS - NW RAMP @ US 78	ECP-16D	221
PRELIMINARY EROSION CONTROL PLANS - NW RAMP @ US 78	ECP-16E	222
PRELIMINARY EROSION CONTROL PLANS - NE RAMP @ US 78	ECP-16F	223
PRELIMINARY EROSION CONTROL PLANS - NE LOOP @ US 78	ECP-16G	224
PRELIMINARY EROSION CONTROL PLANS - SW RAMP @ US 78	ECP-16H	225
PRELIMINARY EROSION CONTROL PLANS - SW LOOP @ US 78	ECP-16I	226
PRELIMINARY EROSION CONTROL PLANS - SE RAMP @ US 78	ECP-16J	227
PRELIMINARY EROSION CONTROL PLANS - SE LOOP @ US 78	ECP-16K	228
PRELIMINARY EROSION CONTROL PLANS - NB CD RD. 85+00 TO 110+00	ECP-16L	229
PRELIMINARY EROSION CONTROL PLANS - NB CD RD. 110+00 TO 140+00	ECP-16M	230
PRELIMINARY EROSION CONTROL PLANS - NB CD RD. 140+00 TO 165+00	ECP-16N	231
PRELIMINARY EROSION CONTROL PLANS - NB CD RD. 165+00 TO 175+02.802	ECP-16O	232
PRELIMINARY EROSION CONTROL PLANS - SB CD RD. 285+00 TO 310+00	ECP-16P	233
PRELIMINARY EROSION CONTROL PLANS - SB CD RD. 310+00 TO 340+00	ECP-16Q	234
PRELIMINARY EROSION CONTROL PLANS - SB CD RD. 340+00 TO 365+00	ECP-16R	235
PRELIMINARY EROSION CONTROL PLANS - SB CD RD. 165+00 TO 371+03.133	ECP-16S	236
PRELIMINARY EROSION CONTROL PLANS - EB C-D RD. 187+38.201 TO 200+00	ECP-16T	237
PRELIMINARY EROSION CONTROL PLANS - EB C-D RD. 200+00 TO 230+00	ECP-16U	238
PRELIMINARY EROSION CONTROL PLANS - EB C-D RD. 230+00 TO 260+00	ECP-16V	239
PRELIMINARY EROSION CONTROL PLANS - WB C-D RD. 279+96.555 TO 300+00	ECP-16W	240
PRELIMINARY EROSION CONTROL PLANS - WB C-D RD. 300+00 TO 330+00	ECP-16X	241
PRELIMINARY EROSION CONTROL PLANS - WB C-D RD. 330+00 TO 360+00	ECP-16Y	242
PRELIMINARY EROSION CONTROL PLANS - WB C-D RD. 360+00 TO 374+73.407	ECP-16Z	243
PRELIMINARY EROSION CONTROL PLANS - I-269 (850+00 TO 878+00)	ECP-17	244
TYPICAL TEMPORARY EROSION CONTROL/SEDIMENT CONTROL APPLICATIONS	ECD-1	245
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	246
DETAILS OF SILT FENCE INSTALLATION	ECD-3	247
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	248
TEMPORARY EROSION , SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS	ECD-5	249
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	250
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	251
ROCK DITCH CHECK	ECD-8	252
ROCK FILTER DAM	ECD-9	253
ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM	ECD-10	254
INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS	ECD-11	255
INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS	ECD-12	256
INLET PROTECTION DETAILS FOR WATTLES	ECD-13	257
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-14	258
INLET PROTECTION DETAILS OF SAND BAG	ECD-15	259
STABILIZED CONSTRUCTION ENTRANCE	ECD-16	260
TEMPORARY CULVERT STREAM CROSSING	ECD-17	261
TEMPORARY STREAM DIVERSION	ECD-18	262
TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-19	263
FLOATING TURBIDITY CURTAIN	ECD-20	264
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-21	265
DETAILS OF EROSION CONTROL SEDIMENT RETENTION BARRIER	ECD-22	266
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	SDTEC-2	267
DETAILS OF TYPICAL DITCH TREATMENT	DT-1	268
DITCH TREATMENT - SOIL REINFORCING MAT	DT-1A	269
TYPICAL TEMPORARY EROSION CONTROL MEASURE (TYPE D SILT BASIN)(RIPRAP DIKE SILT BASIN)(135 C.Y. CAPACITY PER ACRE OF DRAINAGE)	TEC-D	270
GUARD POST DETAILS	GP-1A	271 1

PERMANENT SIGN SHEETS (37)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
PERMANENT SIGNING PLANS - I-269 (BOP TO STA. 527+00)	PSP-1	1001
PERMANENT SIGNING PLANS - I-269 (527+00 TO STA. 591+00)	PSP-2	1002
PERMANENT SIGNING PLANS - I-269 (STA. 606+00 TO STA. 671+00)	PSP-3	1003
PERMANENT SIGNING PLANS - I-269 (STA. 671+00 TO STA. 736+00)	PSP-4	1004
PERMANENT SIGNING PLANS - I-269 (STA. 671+00 TO STA. 736+00)	PSP-5	1005
PERMANENT SIGNING PLANS - I-269 (STA. 736+00 TO STA. 800+00)	PSP-6	1006
PERMANENT SIGNING PLANS - I-269 (STA. 800+00 TO STA. 860+00)	PSP-7	1007
PERMANENT SIGNING PLANS - INTERCHANGE LOOPS	PSP-8	1008
PERMANENT SIGNING PLANS -	PSP-9	1009
PERMANENT SIGNING PLANS -	PSP-10	1010
PERMANENT SIGNING PLANS -	PSP-11	1011
PERMANENT SIGNING PLANS - INSTALLATION OF DELINEATORS	PSP-12	1012
PERMANENT SIGNING PLANS - INSTALLATION OF DELINEATORS	PSP-13	1013
PERMANENT SIGNING PLANS - INSTALLATION OF DELINEATORS	PSP-14	1014
PERMANENT SIGNING PLANS - INSTALLATION OF DELINEATORS	PSP-15	1015
OVERHEAD SIGN ASSEMBLY NO. 1 (I-269 NB STA. 745+00)	OH-1	1016
OVERHEAD SIGN ASSEMBLY NO. 2 (I-269 NB STA. 788+01.81)	OH-2	1017
OVERHEAD SIGN ASSEMBLY NO. 3 (I-269 NB STA. 104+33.50)	OH-3	1018
OVERHEAD SIGN ASSEMBLY NO. 4 (I-269 NB STA. 308+89)	OH-4	1019
OVERHEAD SIGN ASSEMBLY NO. 5 (I-269 NB STA. 319+35)	OH-5	1020
OVERHEAD SIGN ASSEMBLY NO. 6 (I-269 NB STA. 127+91)	OH-6	1021
OVERHEAD SIGN ASSEMBLY NO. 7 (US 78 EASTBOUND C-D ROAD STA. 261+22)	OH-7	1022
OVERHEAD SIGN ASSEMBLY NO. 8 (US 78 EASTBOUND C-D ROAD STA. 246+63)	OH-8	1023
OVERHEAD SIGN ASSEMBLY NO. 9 (EASTBOUND US 78 STA. 213+80)	OH-9	1024
OVERHEAD SIGN ASSEMBLY NO. 10 (US 78 WESTBOUND C-D ROAD STA. 281+48)	OH-10	1025
OVERHEAD SIGN ASSEMBLY NO. 11 (WESTBOUND US 78 STA. 29+50)	OH-11	1026
OVERHEAD SIGN ASSEMBLY NO. 12 (I-269 SB STA. 869+47.50)	OH-12	1027
OVERHEAD SIGN ASSEMBLY NO. 13 (I-269 SB STA. 342+71.44)	OH-13	1028
OVERHEAD SIGN ASSEMBLY NO. 14 & 15 (I-269 SB STA. 325+80, STA. 229+80)	OH-14	1029
PERMANENT SIGNING PLANS - DIRECTIONAL SIGN DETAILS	DSD-1	1030
PERMANENT SIGNING PLANS - DIRECTIONAL SIGN DETAILS	DSD-2	1031
PERMANENT SIGNING PLANS - DIRECTIONAL SIGN DETAILS	DSD-3	1032
PERMANENT SIGNING PLANS - DIRECTIONAL SIGN DETAILS	DSD-4	1033
PERMANENT SIGNING PLANS - DIRECTIONAL SIGN DETAILS	DSD-5	1034
PERMANENT SIGNING PLANS - DIRECTIONAL SIGN DETAILS	DSD-6	1035
PERMANENT SIGNING PLANS - DIRECTIONAL SIGN DETAILS	DSD-7	1036
PERMANENT SIGNING PLANS - DIRECTIONAL SIGN DETAILS	DSD-8	1037

RAYMOND KYLE EDSON
LICENSED PROFESSIONAL ENGINEER
15139
STATE OF MISSISSIPPI

02-12-16

DATE	REVISION	BY
2-12-16	ADDED SHEET	RTM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAIL INDEX

Project No.: STP-0029-02(018)

County: DESOTO & MARSHALL

FILENAME: INDEX.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER DI-3

SHEET NUMBER 4

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ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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FMS CON:102556/306000 & 307000

STATE	PROJECT NO.
MISS.	STP-0029-02(018)

TRAFFIC SIGNAL SHEETS (6)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TRAFFIC SIGNAL INSTALLATION - MS 305 @ NORTHEAST I-269 RAMP	TSI-1	2001
DETAIL OF TRAFFIC SIGNAL HEADS, SIGNS, AND GENERAL NOTES	TSD-1	2002
PULLBOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATIONS	TSD-3	2003
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS, MISCELLANEOUS DETAILS	TSD-5	2004
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATIONS	TSD-6	2005
TRAFFIC CONTROL PLAN (TYPICAL SIGNAL INSTALLATIONS)	TSD-7	2006

ITS SHEETS (41)

PROJECT LOCATION MAP - OVERALL PROJECT	LP-1	3001
PROJECT LOCATION MAP - I-269	LP-2	3002
PROJECT LOCATION MAP - US HIGHWAY 78	LP-3	3003
ITS PLAN - INTERSTATE 269 - STA. 490+00 TO STA. 520+00	ITS-1	3004
ITS PLAN - INTERSTATE 269 - STA. 520+00 TO STA. 550+00	ITS-2	3005
ITS PLAN - INTERSTATE 269 - STA. 550+00 TO STA. 580+00	ITS-3	3006
ITS PLAN - INTERSTATE 269 - STA. 580+00 TO STA. 610+00	ITS-4	3007
ITS PLAN - INTERSTATE 269 - STA. 610+00 TO STA. 640+00	ITS-5	3008
ITS PLAN - INTERSTATE 269 - STA. 640+00 TO STA. 670+00	ITS-6	3009
ITS PLAN - INTERSTATE 269 - STA. 670+00 TO STA. 700+00	ITS-7	3010
ITS PLAN - INTERSTATE 269 - STA. 700+00 TO STA. 730+00	ITS-8	3011
ITS PLAN - INTERSTATE 269 - STA. 730+00 TO STA. 760+00	ITS-9	3012
ITS PLAN - INTERSTATE 269 - STA. 760+00 TO STA. 790+00	ITS-10	3013
ITS PLAN - INTERSTATE 269 - STA. 790+00 TO STA. 810+00	ITS-11	3014
ITS PLAN - INTERSTATE 269 - STA. 810+00 TO STA. 840+00	ITS-12	3015
ITS PLAN - INTERSTATE 269 - STA. 840+00 TO STA. 865+00	ITS-13	3016
ITS PLAN - INTERSTATE 269 - STA. 865+00 TO STA. 895+00	ITS-14	3017
ITS PLAN - US HIGHWAY 78 - STA. 136+00 TO STA. 166+00	ITS-15	3018
ITS PLAN - US HIGHWAY 78 - STA. 166+00 TO STA. 192+00	ITS-16	3019
ITS PLAN - US HIGHWAY 78 - PER PLANS PAY ITEMS	ITS-16A	3020
ITS PLAN - US HIGHWAY 78 - STA. 53+00 TO STA. 81+50	ITS-17	3021
DMS DETAILS - DMS SITE #1 NORTHBOUND INTERSTATE 269	DMS-1	3022
DMS DETAILS - DMS SITE #2 EASTBOUND US HIGHWAY 78	DMS-2	3023
DMS DETAILS - DMS SITE #3 WESTBOUND US HIGHWAY 78	DMS-3	3024
DMS CONSTRUCTION DETAILS	DMSCD-1	3025
FIBER OPTIC DETAILS - PULL BOX AND CONDUIT TRENCHING DETAILS	FO-1	3026
FIBER OPTIC DETAILS - CABINET ENTRANCE DETAILS	FO-2	3027
FIBER OPTIC DETAILS - SYSTEM BLOCK DIAGRAM	FO-3	3028
FIBER OPTIC DETAILS - FIBER SPLICING DETAILS	FO-4	3029
FIBER OPTIC DETAILS - CABLE MANAGEMENT DETAILS	FO-5	3030
FIBER OPTIC DETAILS - TERMINATION CABINET TABLES	FO-6	3031
CABINET DETAILS - TYPE B AND C CABINET DETAILS	CAB-1	3032
CCTV DETAILS - CAMERA POLE WITH CAMERA AND RDS MOUNTING DETAILS	CCTV-1	3033
AERIAL SUPPORTED CONDUIT - NOTES AND TYPICAL DETAILS	ASC-1	3034
AERIAL SUPPORTED CONDUIT - NOTES AND TYPICAL DETAILS	ASC-2	3035
BRIDGE ELEVATION - I-269 OVER COLDWATER RIVER - STA. 569+95.010 TO 584+36.57	ASC-3	3036
BRIDGE ELEVATION - I-269 OVER COLDWATER RIVER - STA. 584+36.57 TO 600+84.05	ASC-4	3037
BRIDGE ELEVATION - I-269 OVER COLDWATER RIVER - STA. 600+84.05 TO 608+04.06	ASC-5	3038
ELECTRICAL DETAILS - POWER SERVICE DETAILS	POW-1	3039
TRAFFIC CONTROL PLAN - NOTES I.T.S.	TCITS-1	3040
TRAFFIC CONTROL PLAN - NOTES AND PLAN I.T.S.	TCITS-2	3041

STANDARD DRAWINGS - ROADWAY SHEETS (52)

PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	12-1-99	PM-1	6120
PAVEMENT MARKING DETAILS FOR 4 & 5-LANE UNDIVIDED ROADWAYS	12-1-99	PM-2	6121
PAVEMENT MARKING LEGEND DETAILS		PM-5	6124
PAVEMENT MARKING LEGEND DETAILS		PM-6	6125
EROSION CONTROL		EC-1	6140

STANDARD DRAWINGS - ROADWAY SHEETS (CONTINUED)

GUARD RAIL : "W" BEAM (WOOD POSTS)	3-1-02	GR-1	6180
GUARD RAIL : THRIE BEAM (WOOD POSTS)	3-1-02	GR-1A	6181
GUARD RAIL : "W" BEAM (STEEL POSTS)	3-1-02	GR-1B	6182
GUARD RAIL : MODIFIED THRIE BEAM (STEEL POSTS)	3-1-02	GR-1C	6183
GUARD RAIL : TYPE I CABLE ANCHORAGE (FOUNDATION TUBE)	3-1-02	GR-3	6192
GUARD RAIL : TYPE I CABLE ANCHORAGE (CONCRETE FOOTING)	3-1-02	GR-3A	6193
GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	12-01-99	GR-4A	6195
GUARD RAIL : TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON 2-LANE, 2-WAY HIGHWAY	3-1-02	GR-4D	6198
GUARD RAIL : MISCELLANEOUS HARDWARE	3-1-02	GR-HW	6202
STANDARD DIRECTIONAL (GUIDE) SIGNS	3-1-02	SN-1	6220
ROUTE SHIELDS AND "EXIT ONLY" PANELS		SN-2	6221
STANDARD ROADSIDE SIGNS		SN-3	6222
STANDARD ROADSIDE SIGNS		SN-3A	6223
STANDARD ROADSIDE SIGNS	3-1-02	SN-3B	6224
STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION		SN-4	6225
STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION		SN-4A	6226
STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION		SN-4B	6227
TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS		SN-5	6228
BREAK-AWAY SIGN SUPPORTS		SN-6	6229
BREAK-AWAY SIGN SUPPORTS		SN-6A	6230
SIGN FACE CONSTRUCTION & ATTACHMENT OF GROUND MOUNTED DIRECTIOAL SIGNS TO STEEL BEAMS (EXTRUDED ALUMINUM PANELS)	3-1-02	SN-7	6232
TYPICAL INSTALLATION OF DELINEATORS		SN-8A	6234
TYPICAL GUARD RAIL DELINEATION	3-1-02	SN-8C	6236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO WAY TRAFFIC)		TCP-1	6250
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES OR OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOUSURE)(WORK DAY ONLY)		TCP-5	6254
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS		TCP-8	6257
SHORT DURATION CLOSING OF DIVIDED HIGHWAYS		TCP-9	6258
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	12-1-99	TCP-11	6260
DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMPS		TCP-12	6261
TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS		TCP-14	6263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12-1-99	TCP-15	6264
TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED HIGHWAYS	12-1-99	TCP-16	6265
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	6272
INTERCHANGE DESIGN FOR HIGH - SPEED PARALLEL EXIT RAMP	3-1-02	IR-1A	6284
INTERCHANGE DESIGN FOR LOOP ENTRANCE RAMP		IR-2	6285
INTERCHANGE DESIGN FOR HIGH - SPEED PARALLEL ENTRANCE RAMP	3-1-02	IR-2A	6286
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT 2. EXCAVATION AT GRADE POINTS		MDS-1	6290
DETAILS OF PAVED FLUMES		PF-1	6291
PIPE CULVERT INSTALLATION		PI-1	6300
PIPE COLLAR - CONCRETE		PC-1	6301
JUNCTION BOX FOR PIPE CULVERTS		JB-1	6302
JUNCTION BOX FOR BOX CULVERTS TO CONCRETE ARCH PIPE		JB-1A	6303
TYPE I MEDIAN INLET (24" PIPE & UNDER)	3-1-02	MI-1	6306
DETAILS OF GRATES FOR MEDIAN INLETS		IG-1	6314
PAVED INLET APRON AND MEDIAN DITCH PLUG		PA-1	6318
SMALL ANIMAL GUARD AND UNDERDRAIN MARKER	3-1-02	SAG-1	6327
FLARED END SECTION FOR CONCRETE PIPE		FE-1	6328

RAYMOND KYLE EDSON
LICENSED PROFESSIONAL ENGINEER
15139
STATE OF MISSISSIPPI

01-08-16

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAIL INDEX

Project No.: STP-0029-02(018)

County: DESOTO & MARSHALL

FILENAME: INDEX.DGN

DESIGN TEAM ____ CHECKED ____ DATE ____

WORKING NUMBER DI-4

SHEET NUMBER 5

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/5/2016 1:41:31:39 INDEX.DGN

1st O.REV.

FMS CON:102556/306000 & 307000

STATE	PROJECT NO.
MISS.	STP-0029-02(018)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
STANDARD BRIDGE DRAWINGS (8) △1		
BASIC CULVERT DRAWING COLLAR LOCATIONS NORMAL AND SKEWED CULVERTS GROUP I DIAGRAMS *	IBJL-1	7005
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 CULVERT - HEIGHT 6 FT. SPANS 6-20 FT.	IBS-6	7013
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING-SINGLE CELL 30° SKEW DETAILS - HEIGHT 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

△1 REVISED ALL STANDARD BRIDGE DRAWINGS

CROSS SECTIONS (44)	
NORTHEAST RAMP AT U.S. HWY 78	9001-9004
NORTHEAST RAMP AT U.S. HWY 78	9005-9023
NORTHWEST RAMP AT U.S. HWY 78	9024-9037
NORTHWEST RAMP AT U.S. HWY 78	9038-9044

TOTAL SHEETS (NOT INCLUDING BRIDGE SHEETS) 459 △1

RAYMOND KYLE ELDSON LICENSED PROFESSIONAL ENGINEER 15139 STATE OF MISSISSIPPI

02-12-16

DATE	REVISION	BY
2-12-16	REVISED STANDARDS/TOTAL SHEETS	RTM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAIL INDEX

Project No.: STP-0029-02(018)

County: DESOTO & MARSHALL

WORKING NUMBER DI-5

SHEET NUMBER 6

FILENAME: INDEX.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

FLPN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

2/10/2016 15:51:43 INDEX.DGN

STATE	PROJECT NO.
MISS.	STP-0029-02(018)

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. THE 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 BID ITEMS.

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

11. FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.

12. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.

13. 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.

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 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.

16. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

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. 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.

20. THE CONTRACTOR IS RESPONSIBLE FOR FIELD–VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.

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

22. ERECTION DATES ARE TO BE LEGIBLY WRITTEN IN BOLD, BLACK MARKINGS ON THE BACK OF ALL PERMANENT SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT, AND MARKS ON WET OR DRY SURFACES.

23. 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.

24. 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.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO. STP–0029–02(018)

DESOTO & MARSHALL COUNTY

FILENAME: GN-1.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER GN-1

SHEET NUMBER 7

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/5/2016 1:40:40 GN-1.DGN

STATE	PROJECT NO.
MISS.	STP-0029-02(018)

GENERAL NOTES – CONTINUED

(25) ALL EXCAVATION FOR THE SIGN POSTS OR FOOTINGS IS TO BE INCLUDED IN THE COST FOR OTHER ITEMS BID FOR CONSTRUCTION.

(26) ALL SIGNING POST, PIPE, AND I–BEAM LENGTHS ARE ESTIMATED. CONTRACTOR IS RESPONSIBLE FOR PERFORMING FIELD SURVEY TO DETERMINE THE EXACT LENGTH REQUIRED.

(27) DIRECT APPLIED LEGEND, BORDERS, AND SHIELD ARE TO BE USED ON ALL GUIDE SIGNS. RIVETS WILL NOT BE ALLOWED.

(28) ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) (CURRENT EDITION).

(29) ALL POLES, PULL BOXES, CONTROLLERS AND PAVEMENT MARKINGS SHALL BE FIELD LOCATED BY THE ENGINEER AND THE CONTRACTOR AT THE NEAREST PRACTICAL LOCATION INDICATED ON THE PLAN SHEETS.

(30) ALL SIGNAL MAST ARM POLES TO BE GALVANIZED STEEL UNLESS SPECIFIED AS WOOD POLE. CONTRACTOR TO VERIFY ALL MAST ARM POLE LOCATIONS TO BE SURE THERE ARE NO UTILITY CONFLICTS PRIOR TO ORDERING POLES.

(31) SIGNAL CONTROLLER TIMINGS TO BE PROVIDED BY THE ENGINEER.

(32) SPECIFICATIONS FOR SIGNAL SHALL BE THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION.

(33) TRAFFIC SIGNAL CABLE IN MAST ARMS TO BE MEASURED AND PAID FOR AS ELECTRICAL CABLE, AERIAL SUPPORTED IN CONDUIT, IMSA 20–1, AWG #14–8 CONDUCTOR, (PAY ITEM 666–C017).

(34) WHERE MILLING OF THE ROADWAY LANE IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER.

(35) THE CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE, COORDINATING WITH UTILITY OFFICIALS IN ADVANCE OF REQUIRING THE ELECTRICAL SERVICE AND INCIDENTALS NECESSARY FOR SUPPLY OF POWER. COST SHALL BE ABSORBED IN OTHER ITEMS OF CONSTRUCTION.

(36) FOR ADDITIONAL NOTES REGARDING TRAFFIC CONTROL, SEE WK. SH. TC–ITS–1 & TC–ITS–2.

(37) FOR ADDITIONAL NOTES REGARDING TRAFFIC SIGNALS, SEE WK. SH. TSD–1.

(38) FOR ITS GENERAL NOTES, SEE WK. SH. GN–ITS.

(39) FOR FIBER OPTIC GENERAL NOTES, SEE WK. SH. FO–1.

(40) FOR CCTV GENERAL NOTES, SEE WK. SH. CCTV–1.

(41) FOR RADAR DETECTION SYSTEM GENERAL NOTES, SEE WK. SH. CCTV–1.

(42) WORK SHOWN PRIOR TO STATION 498+65.25 AND AFTER STATION 878+00 IS NOT INCLUDED IN THIS CONTRACT.

(43) BRIDGE JOINTS ON I–269 ARE TO BE SEALED BEFORE THE ROADWAY IS OPENED TO TRAFFIC.

(44) IF POLYACRYLAMIDE (PAM) POLYMER IS USED FOR EROSION CONTROL OF SOIL ON CONSTRUCTION SITES, WRITTEN NOTIFICATION OF THE USE OF PAM SHALL BE INCLUDED IN THE STORM WATER POLLUTION PREVENTION PLAN /EROSION CONTROL PLAN SUBMITTED TO MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF POLLUTION CONTROL, CONSTRUCTION AND BUILDING MATERIALS PERMITS BRANCH. THIS NOTIFICATION SHALL INCLUDE A WRITTEN PLAN FOR THE SPECIFIC APPLICATION AREA(S) WHICH WILL DESCRIBE: HOW UNIFORM COVERAGE WILL BE ENSURED AND HOW APPLICATION ONTO NON–TARGET AREAS (INCLUDING WATERS OF THE STATE) WILL BE PREVENTED. PAM SHALL MEET THE REQUIREMENTS OF SPECIAL PROVISION NO. 907–250. THERE SHALL BE NO DISCHARGE OF PAM INTO STATE WATERS.

(45) DOUBLE DROP THERMOPLASTIC 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.

(46) MINOR SITE GRADING MAY BE REQUIRED AT GUARDRAIL PADS. COST TO BE INCLUED IN EXISTING PAY ITEMS.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO. STP–0029–02(018)

DESOTO & MARSHALL COUNTY

FILENAME: GN-2.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER GN-2

SHEET NUMBER 8

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/5/2016 1:41:03:41 GN-2.DGN

STATE	PROJECT NO.
MISS.	STP-0029-02(018)

GENERAL NOTES

1. ALL SIGNS AND TRAFFIC CONTROL DEVICES USED ON THIS PROJECT SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITION).
2. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
3. EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIS OWN INDEPENDENT INVESTIGATIONS, INCLUDING SUB-SURFACE INVESTIGATIONS AS MAY BE NECESSARY TO LOCATE UTILITIES WITHIN THE PROJECT LIMITS. IN ADDITION, THE CONTRACTOR SHALL NOTIFY MDOT DISTRICT TWO MAINTENANCE PERSONNEL AT LEAST TWO WEEKS IN ADVANCE OF WORK WITHIN EACH AREA, SO THAT MDOT UTILITIES CAN BE FIELD LOCATED.
4. EQUIPMENT AND GUARD RAIL SHOWN ON THESE PLANS ARE IN APPROXIMATE LOCATIONS. ALL EQUIPMENT AND GUARD RAIL SHALL BE FIELD LOCATED BY THE CONTRACTOR WITH PROPOSED LOCATIONS APPROVED BY MDOT TO VERIFY PROPER PLACEMENT AND BEST SIGHT DISTANCE FOR DYNAMIC MESSAGE SIGNS, ADEQUATE ROADSIDE PROTECTION, ETC. THE CONTRACTOR SHALL STAKE EACH PROPOSED LOCATION A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO REVIEW BY MDOT. THE COST OF FIELD STAKING WILL NOT BE MEASURED FOR SEPARATE PAYMENT AND SHALL BE ABSORBED UNDER OTHER ITEMS OF WORK. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT, PULLBOXES, AND CONDUIT WITHIN PUBLIC RIGHT-OF-WAY.
5. ROADWAY EDGE OF ABOVE GROUND ITS EQUIPMENT TO BE 30' MIN. FROM EDGE OF TRAVEL LANE (E.O.T.L.) TO MAINTAIN CLEAR ZONE UNLESS PROTECTED BY GUARD RAIL OR BRIDGE RAIL.
6. FIELD LOCATION ADJUSTMENTS MAY BE REQUIRED AT TIME OF EQUIPMENT INSTALLATION DUE TO POTENTIAL CONFLICTS OR OTHER FACTORS THAT WERE UNIDENTIFIABLE DURING THE PROJECT DESIGN PHASE. ANY REQUIRED ADJUSTMENT'S SHALL BE APPROVED BY THE PROJECT ENGINEER.
7. CONTRACTOR SHALL FIELD VERIFY CAMERA SITE LOCATION AND ORIENTATION FOR COMPLETE COVERAGE OF ROADWAY PRIOR TO INSTALLING CAMERAS. LOCATIONS AND ORIENTATIONS TO BE APPROVED BY THE PROJECT ENGINEER.
8. CLEARING AND GRUBBING, WHERE REQUIRED BY THE ENGINEER TO COMPLETE THE CONDUIT, GUARDRAIL, AND I.T.S. EQUIPMENT INSTALLATIONS SHOWN ON THESE PLANS, WILL BE PERFORMED IN ACCORDANCE WITH SECTION 201 OF THE MDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION. CLEARING AND GRUBBING SHALL BE COST ABSORBED INTO OTHER ITEMS OF WORK.
9. THE COST OF DISPOSING OF ALL UNUSED OR REMOVED MATERIALS SHALL BE ABSORBED FOR PAYMENT IN OTHER ITEMS.
10. THE I.T.S. CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SHOULDER MATERIALS WHICH MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDERS WILL BE PERFORMED IN ACCORDANCE WITH SECTION 410 OF THE MDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2004 EDITION). NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDERS.
11. ANY AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR (INCLUDING SITE GRADING) AS DIRECTED BY THE ENGINEER. ALL REMOVAL AND REPLACEMENT OF SIDEWALKS, ASPHALT, CONCRETE, SOD, GRASSING, AND SOIL SHALL BE ABSORBED UNDER THE PAY ITEMS FOR THE CONDUIT.
12. THE CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE, COORDINATING WITH MDOT AND LOCAL OFFICIALS IN ADVANCE OF REQUIRING THE ELECTRICAL SERVICES. IF ELECTRICAL SERVICE REQUIRES A SERVICE METER TO BE INSTALLED, CONTRACTOR TO CONTACT THE ELECTRIC UTILITY OWNER. ANY INSTALLATIONS OF AERIAL POWER CIRCUITS, POWER PANELS OR WOOD POLES TO PROVIDE POWER SERVICE SHALL MEET LOCAL EPA REQUIREMENTS AND BE COST ABSORBED. CONTRACTOR SHALL ESTABLISH POWER SERVICE IN HIS OR HER BILLING ADDRESS, AND SHALL PAY ALL UTILITY CONNECTION CHARGES AND CHARGES FOR SERVICE UNTIL FINAL PROJECT ACCEPTANCE. ALL TRANSFORMERS AND/OR TERMINAL BLOCKS NEEDED AT THE POWER SERVICE POINT OR AT THE DEVICE LOCATIONS SHALL BE COST ABSORBED IN OTHER ITEMS.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY MAKE-READY COST INCURRED TO PROVIDE POWER AND COMMUNICATION SERVICES TO THE EQUIPMENT, NOT A SEPARATE PAY ITEM (COST ABSORBED IN MOBILIZATION PAY ITEM 620-A001). THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING AN INDEPENDENT INVESTIGATION INTO UTILITY MAKE-READY COST FOR BIDDING PURPOSES.
14. ALL FIBER OPTIC PULLBOXES SHALL BE EITHER TYPE 4 OR TYPE 5 AS NOTED ON THE PLANS. EACH BELOW GROUND PULLBOX SHALL INCLUDE ADDITIONAL FIBER CABLE SLACK (SEE SPEC. PROVISION 907-657-6 FOR DETAILS.) THE ADDITIONAL CABLE SHALL BE COST ABSORBED UNDER PAY ITEM NO. 907-657-A.
15. ALL FIBER SPLICES REQUIRED TO CONNECT TRUNK AND DROP CABLE TO NEW AND EXISTING EQUIPMENT SHALL NOT BE A SEPARATE PAY ITEM, BUT SHALL BE ABSORBED UNDER ITEM NOS. 907-657-A.
16. CONDUIT FOR POWER SUPPLY MAY BE RUN IN THE SAME TRENCH LINE AS COMMUNICATION LINES (SEE WKG. NO. FO-1), HOWEVER, SEPARATE ELECTRICAL PULLBOXES ARE TO BE INSTALLED. CONTRACTOR TO REVIEW PLANS BEFORE INSTALLING PULLBOXES AND FOUNDATIONS TO ASSURE ALL REQUIRED PULLBOXES AND CONDUITS ARE INSTALLED.
17. PAYMENT FOR FIBER OPTIC CABLE, POWER CABLE, COMMUNICATION CABLE, AND CONDUIT SHALL BE MEASURED BASED ON HORIZONTAL MEASUREMENTS, NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY VERTICAL RUNS OR SLACK IN PULLBOXES.
18. UNDERGROUND DRILLED OR JACKED CONDUIT SHALL BE INSTALLED AT A MINIMUM DEPTH OF FIVE FEET AND UNDERGROUND TRENCHED CONDUIT SHALL BE INSTALLED AT A MINIMUM DEPTH OF THREE FEET UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
19. CONDUIT TO BE SEALED WITH DUCT SEALER ONCE CABLE IS INSTALLED, NOT A SEPARATE PAY ITEM (COST ABSORBED).
20. FOR CONDUIT BANKS, ONE OR MORE (AS INDICATED ON THE PLANS) OF THE CONDUITS WILL BE FOR FUTURE USE AND SHALL INCLUDE A PULL STRING.
21. A TRACER (AWG #10 GREEN) WIRE SHALL BE INSTALLED IN CONDUIT THAT CARRIES FIBER OPTIC CABLE. COST OF THE TRACER WIRE SHALL BE ABSORBED UNDER PAY ITEM NO. 907-657-A.
22. REEL-END SPLICE LOCATIONS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL AND SHALL NOT OCCUR MORE OFTEN THAN EVERY 10,000 FEET. REEL-END SPLICES SHALL BE MADE IN A TYPE 5 PULLBOX AND SHALL UTILIZE A TYPE 5 PULLBOX ALREADY SHOWN ON THE PLANS, UNLESS OTHER LOCATIONS ARE APPROVED BY THE ENGINEER.

GENERAL NOTES (CONT'D.)

23. THE END POINT OF FIBER OPTIC TRUNK RUNS AT THE B.O.P. AND E.O.P. SHALL END IN TYPE 5 PULLBOX WITH 200 FEET OF SLACK. THESE SHALL BECOME SPLICE POINTS WHEN CONNECTION TO 72 SM FIBER RUNNING OUTSIDE THE PROJECT LIMITS IS INSTALLED UNDER SEPARATE CONTRACT(S). CONTRACTOR WILL BE REQUIRED TO MAKE TRUNK TO TRUNK SPLICE IF 72SM FIBER INSTALLED UNDER SEPERATE CONTRACT HAS BEEN INSTALLED AND IS IN PLACE AND TYPE 5 PULLBOX SHOWN AT END OF RUN WILL NOT BE REQUIRED. TRUNK LINE SHALL BE CONNECTED TO EXISTING U.S. 78 FIBER RUN AT EXISTING COMMUNICATIONS HUT ON 78. THIS REQUIRES A 144 COUNT SPLICE PANEL. THE COST OF THIS TERMINATION PANEL AND RELATED EQUIPMENT SHALL BE PAID FOR UNDER PAY ITEM NO. 907-660-PP001. THE COST OF OTHER TERMINATION PANELS AND RELATED EQUIPMENT IN EQUIPMENT CABINETS SHALL BE ABSORBED IN ITEM 907-657-A.
24. THE CONTRACTOR SHALL INSTALL MDOT FURNISHED CAMAERA POLE PLUS EQUIPMENT FOR CAMERAS AND RDS (CCTV #8 - SEE WORKING NUMBER ITS-16). THE COST OF THE INSTALLATION, FOUNDATION AND RELATED EQUIPMENT SHALL BE PAID FOR UNDER PAY ITEM NO. 907-639-PP001.
25. THE CONTRACTOR MAY MAKE A SINGLE JACK OR BORE FOR INSTALLATION OF MULTIPLE CONDUITS (CONDUIT BANK) AT A ROADWAY CROSSING, RATHER THAN JACKING OR BORING INDIVIDUAL CONDUITS. THE CONDUIT BANK LABEL DESCRIBES THE NUMBER OF CONDUITS REQUIRED. SEPARATE PAYMENT IS NOT MADE FOR EACH INDIVIDUAL CONDUIT. IF A SLEEVE IS USED NO ADDITIONAL PAYMENT WILL BE GIVEN FOR THE SLEEVE.
26. WHERE THE CONTRACTOR ENCOUNTERS PAVED DITCHES IN ROUTING OF CONDUIT, HE MAY TRENCH AND REPLACE DITCH OR JACK UNDER DITCH. THIS IS NOT A SEPARATE PAY ITEM. DAMAGE TO PAVED DITCHES (AND/OR OTHER STRUCTURES) CAUSED BY CONTRACTOR DURING THIS PROJECT SHALL BE REPAIRED (AS DIRECTED BY THE ENGINEER) AT NO COST TO THE STATE.
27. ALL FIBERGLASS CONDUIT (FRP) SHALL BE GRAY IN COLOR.
28. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION. THE COST SHALL BE ABSORBED IN THE PAY ITEM FOR MAINTENANCE OF TRAFFIC (NOT A SEPARATE PAY ITEM).
29. CONTRACTOR SHALL NOTIFY PROJECT ENGINEER A MINIMUM OF 72 HOURS IN ADVANCE OF REQUIRING LANE CLOSURES AND OTHER FORMS OF SIGNIFICANT TRAFFIC CONTROL MEASURES.
30. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE UNITED STATES DURING CONSTRUCTION.
31. ALL ITS COMPONENTS ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. SUPPORTS, ATTACHMENTS AND FOUNDATIONS SHALL BE DESIGNED BY THE CONTRACTOR ACCORDING TO STANDARD SPECIFICATIONS / SPECIAL PROVISIONS / PLAN DRAWINGS AND STAMPED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MISSISSIPPI. THE CONTRACTOR SHALL SUBMIT FOUR (4) SETS OF LAYOUT/SHOP DRAWINGS FOR ALL ITS COMPONENTS (INCLUDING THE PLAN OF ATTACHMENT) TO THE PROJECT ENGINEER FOR REVIEW AND APPROVAL.
32. PLAN SCALE INDICATIONS ARE FOR FULL SIZE (22"x34") DRAWINGS. IF REDUCED SCALE PRINTS ARE USED, SCALE SHOULD BE VERIFIED.

ITS LEGEND

	EXISTING	PROPOSED
CABLE - COMM.	C C	C C
CABLE - ELEC. (U/G IN COND.)	E E	E E
LABEL FOR CONDUIT AND CONDUIT TYPES	[CONDUIT DESCRIPTION(S)] [CABLE DESCRIPTION(S)]	[CONDUIT DESCRIPTION(S)] [CABLE DESCRIPTION(S)]
LABEL FOR DEVICE DESCRIPTIONS AND LOCATIONS	[DEVICE #(S) & DESCRIPTION(S)] [LOCATION DESCRIPTION(S)]	[DEVICE #(S) & DESCRIPTION(S)] [LOCATION DESCRIPTION(S)]
PULL BOX - COMM.		
PULL BOX - ELEC.	PB	PB
PULL BOX - SURFACE MOUNTED	SP	SP
LABEL FOR PULL BOX TYPE	X	X
DEMARC. PT. (POWER)		
TRAFFIC SIGNAL CABINET	TSC	TSC
CABINET (TYPE AS NOTED)	B	B
CCTV CAMERA (ALL TYPES)	CCTV	CCTV
DYNAMIC MESSAGE SIGN (DMS) (TYPE 2 OR 3) (AS INDICATED)	DMS	DMS
RADAR DETECTION SYSTEM (RDS)	RDS	RDS
BLUETOOTH DETECTION SYSTEM (BDS)	BDS	BDS
COMMUNICATIONS HUT	CH	CH
COMMUNICATIONS VAULT	V	V

ABBREVIATIONS

E.O.T.L. - EDGE OF TRAVEL LANE
F.O. - FIBER OPTIC
COMM. - COMMUNICATION

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
GENERAL NOTES
I.T.S.

COUNTY: DESOTO & MARSHALL
PROJECT NO. STP-0029-02(018)

FILENAME: GN-ITS.DGN
DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER GN-ITS
SHEET NUMBER 9

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	STP–0029–03(015)	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
☐	BRIDGE STANDARD DWGS	7001
☐	BRIDGE	8001
☐	CROSS SECTIONS	9001

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP–0029–03(015)

I–269 / SR 304 FROM NORTH OF U.S. 78 TO SR 302

102556/318000

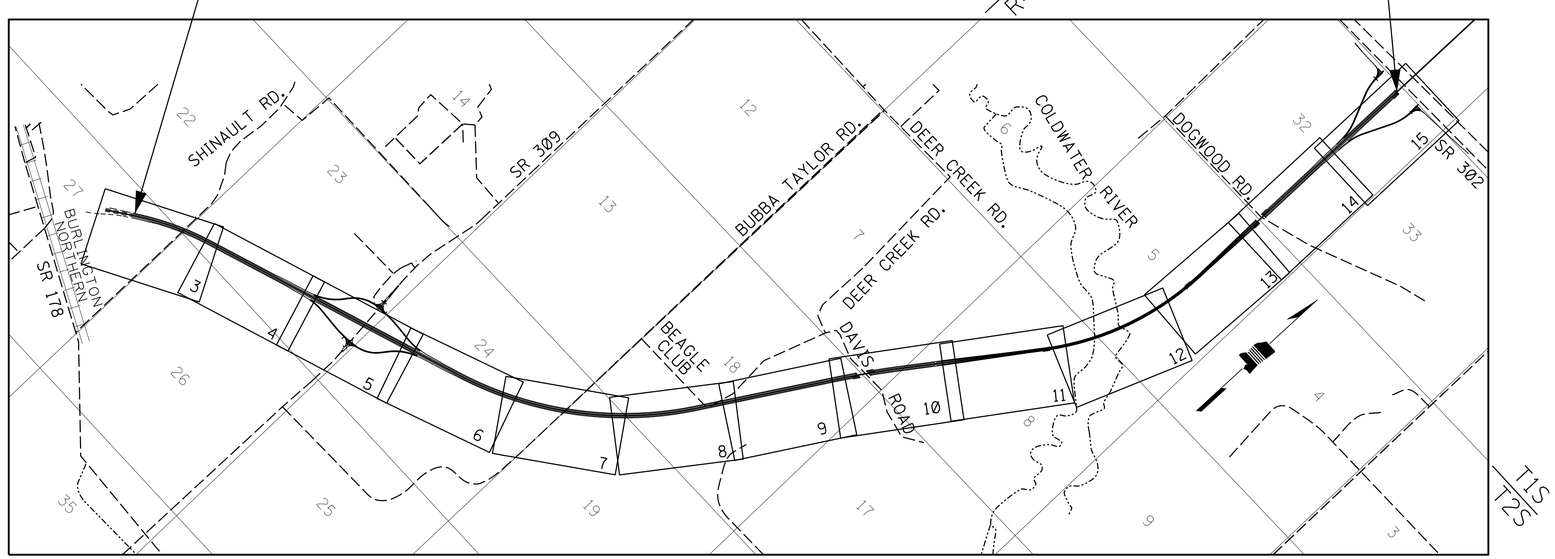
MARSHALL COUNTY

SCALES

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

STA. 878 + 00.00

E.O.P. STA. 1247 + 33.50

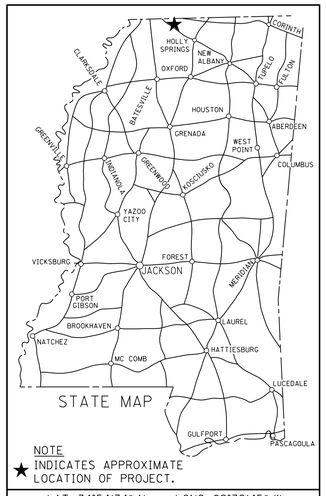


BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34°54'34" N LONG. 89°39'45" W
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

70 MPH = V (SPEED DESIGN)

ADT (2017) = 29,000; ADT (2037) = 47,000

DHV = 5,200; D = 60% T= 19%

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

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

* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

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 be established by public authority and as shown on the plans.
2. This note applies to the following station limits: STA. 878 + 00 to STA. 1247 + 33.50. This project is declared by the Transportation Commision to be Type 1 Controlled Access Facility, as defined in and subject to all restrictions shown by order of said Commission dated 13 day of May, 2008 in minute book 13, pages 179 & 180 and authorized under section 65–1–10(1)MCA (1972, as ammended).

EQUATIONS

STA. 1135+70.880 BK.=STA. 1127+75.311 AH. =+795.569

EXCEPTIONS

NONE

GPS CONTROL NOTES

HORIZONTAL DATUM: NAD MS ZONE (US SURVEY FEET)

HORIZONTAL MONUMENT	NORTH	EAST
OLIVE	1994498.546	2459744.241
GPS 0303	2008575.562	2359059.269
HOLLY	1930592.975	2540555.798

VERTICAL DATUM: NAVD (US SURVEY FEET)

VERTICAL MONUMENT ELEVATION

78V119, 72V38, 72V39, 78V118, H243, C194

CRENSHAW2AZ, E43, G243, L243, J193, J243

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	0.999980705
GRID TO GEODETIC AZIMUTH	(+) 00°22'42.84"

LENGTH DATA

LENGTH OF ROADWAY	33167.12	FT.	6.282 MI.
LENGTH OF BRIDGES	4561.95	FT.	0.864 MI.
LENGTH OF PROJECT (NET)	37729.07	FT.	7.146 MI.
LENGTH OF EXCEPTIONS	0	FT.	0 MI.
LENGTH OF PROJECT (GROSS)	37729.07	FT.	7.146 MI.

GARVER, LLC TRAFFIC

GARVER, LLC ROADWAY

P S & E DATE: 04–20–2016

APPROVED:

DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER

EXECUTIVE DIRECTOR

REVISIONS BY DATE

MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

6/13/2016 9:32 AM I.E.DGN

STATE	PROJECT NO.
MISS.	STP-0029-03(015)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
ROADWAY (154)			
TITLE SHEET (1)			1
DETAILED INDEX & GENERAL NOTES (4)			
DETAILED INDEX		DI-1	2
DETAILED INDEX - CONTINUED		DI-2	3
DETAILED INDEX - CONTINUED		DI-3	4
GENERAL NOTES		GN-1	5
TYPICAL SECTION SHEETS (6)			
TYPICAL SECTIONS - MAINLINE I-269		TS-1	6
TYPICAL SECTIONS - MAINLINE I-269		TS-2	7
TYPICAL SECTIONS - SR 309 INTERCHANGE RAMPS		TS-3	8
TYPICAL SECTIONS - SE & SW INTERCHANGE RAMPS AT SR 302		TS-4	9
TYPICAL SECTIONS - MISCELLANEOUS DETAILS		TS-5	10
TYPICAL SECTIONS - EMERGENCY / OFFICIAL USE MEDIAN CROSSOVER		TS-6	10.1
QUANTITY SHEETS (13)			
SUMMARY OF QUANTITIES		SQS-1	11
SUMMARY OF QUANTITIES		SQS-2	12
SUMMARY OF QUANTITIES		SQS-3	13
SUMMARY OF QUANTITIES		SQS-4	14
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES, PAVEMENT MARKINGS & TRAFFIC CONTROL ITEMS		EQ-1	15
ESTIMATED QUANTITIES - DELINEATORS, CURB AND GUTTER & REMOVAL ITEMS		EQ-2	16
ESTIMATED QUANTITIES - BRIDGE END PAVEMENT, MEDIAN BARRIER & GUARDRAIL		EQ-3	17
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS		EQ-4	18
ESTIMATED QUANTITIES - DIRECTIONAL SIGNS		DS-1	19
ESTIMATED QUANTITIES - ITS ITEMS		EQ-ITS	20
ESTIMATED QUANTITIES - TRAFFIC SIGNAL ITEMS		EQ-TSI	21
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS		SRS-1	22
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN ASSEMBLIES		SRS-2	23

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
PLAN AND PROFILE SHEETS 1:100 (24)			
I-269 - STA. 878+00 TO STA. 900+00		3	24
I-269 - STA. 900+00 TO STA. 930+00		4	25
I-269 - STA. 930+00 TO STA. 960+00		5	26
INTERCHANGE LAYOUT - SR 309		5A	27
SR 309		5B	28
SR 309 RAMP A		5C	29
SR 309 RAMP B		5D	30
SR 309 RAMP C		5E	31
SR 309 RAMP D		5F	32
I-269 - STA. 960+00 TO STA. 990+00		6	33
I-269 - STA. 990+00 TO STA. 1020+00		7	34
I-269 - STA. 1020+00 TO STA. 1050+00		8	35
I-269 - STA. 1050+00 TO STA. 1080+00		9	36
I-269 - STA. 1080+00 TO STA. 1110+00		10	37
I-269 - STA. 1110+00 TO STA. 1132+00		11	38
I-269 - STA. 1132+00 TO STA. 1162+00		12	39
I-269 - STA. 1162+00 TO STA. 1192+00		13	40
I-269 - STA. 1192+00 TO STA. 1222+00		14	41
I-269 - STA. 1222+00 TO STA. 1247+33		15	42
INTERCHANGE LAYOUT - SR 302		15A	43
SR 302		15B	44
SR 302		15C	45
SR 302 SE RAMP		15D	46
SR 302 SW RAMP		15E	47
SPECIAL DESIGN - ROADWAY ITEMS (106)			
INTERSECTION DETAILS - SR 309 AT RAMP A & RAMP B		ID-1	48
INTERSECTION DETAILS - SR 309 AT RAMP C & RAMP D		ID-2	49
INTERSECTION DETAILS - SE RAMP AT SR 302		ID-3	50
INTERSECTION DETAILS - SW RAMP AT SR 302		ID-4	51
FORM GRADE - I-269 AT RAMP A		FG-1	52
FORM GRADE - I-269 AT RAMP B		FG-2	53
FORM GRADE - I-269 AT RAMP C		FG-3	54
FORM GRADE - I-269 AT RAMP D		FG-4	55
FORM GRADE - SR 309 AT RAMPS A & B		FG-5	56
FORM GRADE - SR 309 AT RAMPS C & D		FG-6	57
FORM GRADE - SW RAMP AND SE RAMP AT I-269		FG-7	58
FORM GRADE - SW RAMP AT SR 302		FG-8	59
FORM GRADE - SE RAMP AT SR 302		FG-9	60

GARVER, LLC		
PS & E PLANS-DATE 04-20-2016		
FMS CON. # 102556/318000		
REVISIONS		
DATE	SHEET NO.	BY

GARVER, LLC
TRAFFIC

GARVER, LLC
ROADWAY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

I-269 FROM NORTH OF US 78 TO SR 302

PROJ. NO.: STP-0029-03(015)
COUNTY: MARSHALL

FILENAME: DI_SH.DGN
DESIGN TEAM GARVER CHECKED TWB DATE APR 2016

WORKING NUMBER DI-1
SHEET NUMBER 2

REVISION | BY | DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

6/13/2016 9:32 AM DI_SH.DGN

STATE	PROJECT NO.
MISS.	STP-0029-03(015)

SPECIAL DESIGN - ROADWAY ITEMS (CONT.)(106)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
CONSTRUCTION SIGNING PLAN - SR 309		CS-1	61
CONSTRUCTION SIGNING PLAN - SR 302		CS-2	62
PAVEMENT MARKING DETAILS - I-269 - STA. 878+00 TO STA. 901+00		PMD-1	63
PAVEMENT MARKING DETAILS - I-269 - STA. 901+00 TO STA. 932+00		PMD-2	64
PAVEMENT MARKING DETAILS - I-269 - STA. 932+00 TO STA. 964+00		PMD-3	65
PAVEMENT MARKING DETAILS - RAMPS A & D		PMD-4	66
PAVEMENT MARKING DETAILS - SR 309		PMD-5	67
PAVEMENT MARKING DETAILS - RAMPS B & C		PMD-6	68
PAVEMENT MARKING DETAILS - I-269 - STA. 964+00 TO STA. 995+00		PMD-7	69
PAVEMENT MARKING DETAILS - I-269 - STA. 995+00 TO STA. 1027+00		PMD-8	70
PAVEMENT MARKING DETAILS - I-269 - STA. 1027+00 TO STA. 1059+00		PMD-9	71
PAVEMENT MARKING DETAILS - I-269 - STA. 1059+00 TO STA. 1091+00		PMD-10	72
PAVEMENT MARKING DETAILS - I-269 - STA. 1091+00 TO STA. 1123+00		PMD-11	73
PAVEMENT MARKING DETAILS - I-269 - STA. 1123+00 TO STA. 1147+00		PMD-12	74
PAVEMENT MARKING DETAILS - I-269 - STA. 1147+00 TO STA. 1178+00		PMD-13	75
PAVEMENT MARKING DETAILS - I-269 - STA. 1178+00 TO STA. 1210+00		PMD-14	76
PAVEMENT MARKING DETAILS - I-269 - STA. 1210+00 TO STA. 1242+00		PMD-15	77
PAVEMENT MARKING DETAILS - SE & SW RAMPS - SR 302		PMD-16	78
PAVEMENT MARKING DETAILS - SR 302		PMD-17	79
PAVEMENT MARKING DETAILS - I-269 - STA. 1242+00 TO STA. 1274+00		PMD-18	80
PAVEMENT MARKING DETAILS - I-269 - STA. 1274+00 TO STA. 1287+01.39		PMD-19	81
VEGETATION SCHEDULE		VS-1	82
EROSION CONTROL PLAN - I-269 - STA. 878+00 TO STA. 900+00		ECP-3	83
EROSION CONTROL PLAN - I-269 - STA. 900+00 TO STA. 930+00		ECP-4	84
EROSION CONTROL PLAN - I-269 - STA. 930+00 TO STA. 960+00		ECP-5	85
EROSION CONTROL PLAN - RAMP A		ECP-5B	86
EROSION CONTROL PLAN - RAMP B		ECP-5C	87
EROSION CONTROL PLAN - RAMP C		ECP-5D	88
EROSION CONTROL PLAN - RAMP D		ECP-5E	89
EROSION CONTROL PLAN - I-269 - STA. 960+00 TO STA. 990+00		ECP-6	90
EROSION CONTROL PLAN - I-269 - STA. 990+00 TO STA. 1020+00		ECP-7	91
EROSION CONTROL PLAN - I-269 - STA. 1020+00 TO STA. 1050+00		ECP-8	92
EROSION CONTROL PLAN - I-269 - STA. 1050+00 TO STA. 1080+00		ECP-9	93
EROSION CONTROL PLAN - I-269 - STA. 1080+00 TO STA. 1110+00		ECP-10	94
EROSION CONTROL PLAN - I-269 - STA. 1110+00 TO STA. 1132+00		ECP-11	95
EROSION CONTROL PLAN - I-269 - STA. 1132+00 TO STA. 1162+00		ECP-12	96
EROSION CONTROL PLAN - I-269 - STA. 1162+00 TO STA. 1192+00		ECP-13	97
EROSION CONTROL PLAN - I-269 - STA. 1192+00 TO STA. 1222+00		ECP-14	98
EROSION CONTROL PLAN - I-269 - STA. 1222+00 TO STA. 1247+33		ECP-15	99
EROSION CONTROL PLAN - SR 302		ECP-15B	100
EROSION CONTROL PLAN - SR 302		ECP-15C	101
EROSION CONTROL PLAN - SR 302 SE RAMP		ECP-15D	102
EROSION CONTROL PLAN - SR 302 SW RAMP		ECP-15E	103
EROSION CONTROL DETAILS - TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS		ECD-1	104
EROSION CONTROL DETAILS - DETAILS OF SEDIMENT BARRIER APPLICATIONS		ECD-2	105
EROSION CONTROL DETAILS - DETAILS OF SILT FENCE INSTALLATION		ECD-3	106
EROSION CONTROL DETAILS - DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS		ECD-4	107
EROSION CONTROL DETAILS - TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS		ECD-5	108
EROSION CONTROL DETAILS - DETAILS OF EROSION CONTROL WATTLE DITCH CHECK		ECD-6	109
EROSION CONTROL DETAILS - DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK		ECD-7	110
EROSION CONTROL DETAILS - ROCK DITCH CHECK		ECD-8	111
EROSION CONTROL DETAILS - ROCK FILTER DAM		ECD-9	112
EROSION CONTROL DETAILS - ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM		ECD-10	113
EROSION CONTROL DETAILS - INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS		ECD-11	114
EROSION CONTROL DETAILS - INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS		ECD-12	115
EROSION CONTROL DETAILS - INLET PROTECTION DETAILS OF WATTLES		ECD-13	116
EROSION CONTROL DETAILS - INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE		ECD-14	117
EROSION CONTROL DETAILS - INLET PROTECTION DETAILS OF SAND BAG		ECD-15	118
EROSION CONTROL DETAILS - STABILIZED CONSTRUCTION ENTRANCE		ECD-16	119
EROSION CONTROL DETAILS - TEMPORARY CULVERT STREAM CROSSING		ECD-17	120
EROSION CONTROL DETAILS - TEMPORARY STREAM DIVERSION		ECD-18	121
EROSION CONTROL DETAILS - TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)		ECD-19	122
EROSION CONTROL DETAILS - FLOATING TURBIDITY CURTAIN		ECD-20	123
EROSION CONTROL DETAILS - DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK		ECD-21	124
EROSION CONTROL DETAILS - SEDIMENT RETENTION BARRIER		ECD-22	125

SPECIAL DESIGN - ROADWAY ITEMS (CONT.)(106)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
BRIDGE END PAVEMENT (WITH RAIL, OVERLAY AND SLEEPER SLAB)		BEPR-SS	126
33.0" BRIDGE END PAVEMENT RAIL		BE-PR-1B	127
GUARDRAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS)		GR-2F	128
GUARDRAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS)		GR-2G	129
GUARDRAIL: RUB RAIL HARDWARE SHEET		GR-RR	130
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS		SDGR-4	131
PAVING DETAILS AT RAMP		PD-1	132
RUMBLE STRIP DETAIL FOR OGFC OR CONC ROADWAY WITH ASPH SHLD		RSD-1	133
LOCATION OF R16-3 SIGNS		R16-3	134
TRAFFIC CONTROL DETAILS: DRUM PLACEMENT AND SHOULDER CLOSURE		TCP-SC	135
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMITS OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)		SDTCP-4	136
SOURCE OF SURVEY CONTROL		SSC-1	137
SOURCE OF SURVEY CONTROL		SSC-2	138
SOURCE OF SURVEY CONTROL		SSC-3	139
SOURCE OF SURVEY CONTROL		SSC-4	140
MISCELLANEOUS CONSTRUCTION DETAIL		MCD-1	141
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		SDTCP-10	142
PAVEMENT MARKING DETAILS FOR 4-LANE AND 5-LANE UNDIVIDED ROADWAYS (MARKERS PLACED INSIDE TURN LANE)		SDPM-2	143
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS (PARALLEL AND TAPER)		SDPM-3	144
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS (PARALLEL AND TAPER)		SDPM-4	145
SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE		SDRO-1	146
SUPERELEVATION RUNOFF CASE II ROTATION ABOUT EDGE OF TRAVELED WAY		SDRO-2	147
SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)		SDSE-2A	148
SUPERELEVATION CASE II ROTATION ABOUT EDGE OF TRAVELED WAY (2% NORMAL SUBGRADE)		SDSE-2C	149
DRIVEWAYS, CURB & GUTTER & SIDEWALK		SDSD-1	150
BREAKAWAY SIGN SUPPORTS		SDSN-6B	151
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS		SDSN-8	152
GUARD POST DETAILS		GP-1A	153

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

I-269 FROM NORTH OF US 78 TO SR 302

PROJ. NO.: STP-0029-03(015)
COUNTY: MARSHALL

FILENAME: DI_SH.DGN
DESIGN TEAM GARVER CHECKED TWB DATE APR 2016

WORKING NUMBER DI-2

SHEET NUMBER 3

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

4/18/2016 11:07AM DI_SH.DGN

STATE	PROJECT NO.
MISS.	STP-0029-03(015)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
PERMANENT SIGNS (20)			
PERMANENT SIGNING PLANS - I-269 & SHINAULT RD.		PSP-1	1001
PERMANENT SIGNING PLANS - I-269		PSP-2	1002
PERMANENT SIGNING PLANS - I-269 & SR 309		PSP-3	1003
PERMANENT SIGNING PLANS - SR 309		PSP-4	1004
PERMANENT SIGNING PLANS - SR 309		PSP-5	1005
PERMANENT SIGNING PLANS - I-269		PSP-6	1006
PERMANENT SIGNING PLANS - I-269 & BUBBA TAYLOR ROAD		PSP-7	1007
PERMANENT SIGNING PLANS - I-269 & BEAGLE CLUB ROAD		PSP-8	1008
PERMANENT SIGNING PLANS - I-269 & DEER CREEK ROAD		PSP-9	1009
PERMANENT SIGNING PLANS - I-269 & DAVIS ROAD		PSP-10	1010
PERMANENT SIGNING PLANS - I-269		PSP-11	1011
PERMANENT SIGNING PLANS - I-269		PSP-12	1012
PERMANENT SIGNING PLANS - I-269		PSP-13	1013
PERMANENT SIGNING PLANS - I-269 & DOGWOOD ROAD		PSP-14	1014
PERMANENT SIGNING PLANS - I-269 & SR 302		PSP-15	1015
PERMANENT SIGNING PLANS - I-269		PSP-16	1016
PERMANENT SIGNING PLANS - SR 302		PSP-17	1017
PERMANENT SIGNING PLANS - SIGN DETAILS		PSD-1	1018
PERMANENT SIGNING PLANS - SIGN DETAILS		PSD-2	1019
PERMANENT SIGNING PLANS - SIGN DETAILS		PSD-3	1020
TRAFFIC SIGNALS (9)			
TRAFFIC SIGNAL INSTALLATION SIGNAL LAYOUT - WB RAMPS AT SR 309		TSI-1	2001
TRAFFIC SIGNAL INSTALLATION SIGNAL LAYOUT - EB RAMPS AT SR 309		TSI-2	2002
TRAFFIC SIGNAL INSTALLATION SIGNAL LAYOUT - W RAMPS AT SR 302		TSI-3	2003
FUTURE TRAFFIC SIGNAL CONDUIT LAYOUT - E RAMPS AT SR 302		TSI-4	2004
DETAILS OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS, AND GENERAL NOTES		TSD-1	2005
PULL BOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION		TSD-3	2006
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE I POLE ATTACHMENTS AND MISCELLANEOUS DETAILS		TSD-5	2007
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION		TSD-6	2008
TRAFFIC CONTROL PLAN (TYPICAL SIGNAL INSTALLATION)		TSD-7	2009
ITS COMPONENTS (27)			
ITS PLANS - I-269 & INTERCHANGE RAMPS		ITS-1	3001
ITS PLANS - I-269 & INTERCHANGE RAMPS		ITS-2	3002
ITS PLANS - I-269 & INTERCHANGE RAMPS		ITS-3	3003
ITS PLANS - I-269 & INTERCHANGE RAMPS		ITS-4	3004
ITS PLANS - I-269 & INTERCHANGE RAMPS		ITS-5	3005
ITS PLANS - I-269 & INTERCHANGE RAMPS		ITS-6	3006
ITS PLANS - I-269 & INTERCHANGE RAMPS		ITS-7	3007
ITS PLANS - I-269 & INTERCHANGE RAMPS		ITS-8	3008
ITS PLANS - I-269 & INTERCHANGE RAMPS		ITS-9	3009
ITS PLANS - I-269 & INTERCHANGE RAMPS		ITS-10	3010
ITS PLANS - I-269 & INTERCHANGE RAMPS		ITS-11	3011
ITS PLANS - I-269 & INTERCHANGE RAMPS		ITS-12	3012
ITS PLANS - I-269 & INTERCHANGE RAMPS		ITS-13	3013
DMS DETAILS - DMS #1		DMS-1	3014
AERIAL SUPPORTED CONDUIT - NOTES & TYPICAL DETAILS		ASC-1	3015
AERIAL SUPPORTED CONDUIT - NOTES & TYPICAL DETAILS		ASC-2	3016
AERIAL SUPPORTED CONDUIT - NOTES & TYPICAL DETAILS		ASC-3	3017
AERIAL SUPPORTED CONDUIT - NOTES & TYPICAL DETAILS		ASC-4	3018
CABINET DETAILS - TYPE B & C CABINET DETAILS		CAB-1	3019
CCTV DETAILS - POLE-MOUNTED CCTV DETAILS		CCTV-1	3020
EQUIPMENT DETAILS - SITE BLOCKING DIAGRAMS		ED-1	3021
FIBER OPTIC DETAILS - PULLBOX AND CONDUIT TRENCHING DETAILS		FO-1	3022
FIBER OPTIC DETAILS - FIBER SPLICING DETAILS		FO-2	3023
FIBER OPTIC DETAILS - TERMINATION CABINET TABLES		FO-3	3024
FIBER OPTIC DETAILS - TERMINATION CABINET TABLES		FO-4	3025
FIBER OPTIC DETAILS - CABLE MANAGEMENT DETAILS		FO-5	3026
ELECTRICAL DETAILS - POWER SERVICE DETAILS		POW-1	3027

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
ROADWAY STANDARD DRAWINGS - ENGLISH VERSION (33)			
PAVEMENT MARKINGS (3)			
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	12-01-99	PM-1	6120
PAVEMENT MARKING LEGEND DETAILS		PM-5	6124
PAVEMENT MARKING LEGEND DETAILS		PM-6	6125
EROSION CONTROL (1)			
EROSION CONTROL		EC-1	6140
FENCING (1)			
FENCE: CHAIN LINK GATE	3-01-02	CLG-1	6168
PROTECTIVE BARRIERS (8)			
GUARD RAIL: "W" BEAM (WOOD POSTS)	3-01-02	GR-1	6180
GUARD RAIL: THRIE BEAM (WOOD POSTS)	3-01-02	GR-1A	6181
GUARD RAIL: "W" BEAM (STEEL POSTS)	3-01-02	GR-1B	6182
GUARD RAIL: MODIFIED THRIE BEAM (STEEL POSTS)	3-01-02	GR-1C	6183
GUARD RAIL: MISCELLANEOUS HARDWARE	3-01-02	GR-HW	6202
MEDIAN BARRIER: CONCRETE (CAST IN PLACE)		MB-2	6204
MEDIAN BARRIER: CONCRETE (PRECAST)	3-01-02	MB-2A	6205
GUARD POST		GP-1	6209
SIGNING (14)			
STANDARD DIRECTIONAL (GUIDE) SIGNS	3-01-02	SN-1	6220
ROUTE SHIELDS AND "EXIT ONLY" PANELS		SN-2	6221
STANDARD ROADSIDE SIGNS		SN-3	6222
STANDARD ROADSIDE SIGNS		SN-3A	6223
STANDARD ROADSIDE SIGNS	3-01-02	SN-3B	6224
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4	6225
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4A	6226
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4B	6227
TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS		SN-5	6228
BREAK-AWAY SIGN SUPPORTS		SN-6	6229
BREAK-AWAY SIGN SUPPORTS		SN-6A	6230
SIGN FACE CONST. AND ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL BEAMS (EXTRUDED ALUMINUM PANELS)	3-01-02	SN-7	6232
TYPICAL INSTALLATION OF DELINEATORS		SN-8A	6234
TYPICAL GUARDRAIL DELINEATION	3-01-02	SN-8C	6236
TRAFFIC CONTROL PLANS (1)			
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)		TCP-1	6250
MISCELLANEOUS ROADWAY DETAILS (3)			
INTERCHANGE DESIGN FOR HIGH SPEED PARALLEL EXIT RAMP	3-01-02	IR-1A	6284
INTERCHANGE DESIGN FOR HIGH-SPEED PARALLEL ENTRANCE RAMP	3-01-02	IR-2A	6286
DETAILS OF PAVED FLUMES		PF-1	6291
DRAINAGE (2)			
DETAILS OF GRATES FOR GUTTER INLETS		IG-2	6315
STORM SEWER INLET TYPE SS-3		SS-3	6323

TOTAL SHEETS (243)

FLN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

4/18/2016 11:07AM DI_SH.DGN

REVISION	BY	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

I-269 FROM NORTH OF US 78 TO SR 302

PROJ. NO.: STP-0029-03(015)
COUNTY: MARSHALL

FILENAME: DI_SH.DGN
DESIGN TEAM GARVER CHECKED TWB DATE APR 2016

WORKING NUMBER
DI-3

SHEET NUMBER
4

STATE	PROJECT NO.
MISS.	STP-0029-03(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 THE MUTCD (LATEST EDITION).

(3) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.

(4) 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.

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

(6) 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.

(7) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.

(8) 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.

(9) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.

(10) 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.

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

(12) ERECTION DATES ARE TO BE LEGIBLY WRITTEN IN BOLD, BLACK MARKINGS ON THE BACK OF ALL PERMANENT SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT, AND MARKS ON WET OR DRY SURFACES.

(13) 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.

(14) 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.

(15) ALL EXCAVATION FOR THE SIGN POSTS OR FOOTINGS IS TO BE INCLUDED IN THE COST FOR OTHER ITEMS BID FOR CONSTRUCTION.

(16) BRIDGE JOINTS ON I-269 ARE TO BE SEALED BEFORE THE ROADWAY IS OPEN TO TRAFFIC.

(17) MEDIAN BARRIER TERMINI ENTERING AND EXITING THE COLDWATER RIVER BRIDGE SHOULD BE FIELD VERIFIED WITH THE APPROPRIATE IMPACT ATTENUATOR LENGTHS PRIOR TO CONSTRUCTION. THE INTENT OF THE STATIONS SHOWN IN THE PLANS IS TO END THE IMPACT ATTENUATOR AT THE EDGE OF THE 2' WIDE DITCH PLUG CREST, THEREFORE MAINTAINING ADEQUATE MEDIAN DRAINAGE TO THE ADJACENT MI-2 MEDIAN INLET.

(18) IF POLYACRYLAMIDE (PAM) POLYMER IS USED FOR EROSION CONTROL OF SOIL ON CONSTRUCTION SITES, WRITTEN NOTIFICATION OF THE USE OF PAM SHALL BE INCLUDED IN THE STORM WATER POLLUTION PREVENTION PLAN/EROSION CONTROL PLAN SUBMITTED TO MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF POLLUTION CONTROL, CONSTRUCTION AND BUILDING MATERIALS PERMITS BRANCH. THIS NOTIFICATION SHALL INCLUDE A WRITTEN PLAN FOR THE SPECIFIC APPLICATION AREA(S) WHICH WILL DESCRIBE HOW UNIFORM COVERAGE WILL BE ENSURED AND HOW APPLICATION ONTO NON-TARGET AREAS INCLUDING WATERS OF THE STATES WILL BE PREVENTED. PAM SHALL MEET THE REQUIREMENTS OF SPECIAL PROVISION NO. 907-250. THERE SHALL BE NO DISCHARGE OF PAM INTO STATE WATERS.

(19) 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.

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

(21) 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.

(22) MINOR SITE GRADING MAY BE REQUIRED AT GUARDRAIL PADS. POST TO BE INCLUDED IN EXISTING PAY ITEMS.

(23) CURB AND GUTTER VERTICAL DIMESIONS 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.

(24) 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.

(25) 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 BID ITEMS.

(26) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.

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

(28) ALL EXCAVATION FOR THE SIGN POSTS OR FOOTINGS IS TO BE INCLUDED IN THE COST FOR OTHER ITEMS BID FOR CONSTRUCTION

(29) ALL SIGNING POST, PIPE, AND I-BEAM LENGTHS ARE ESTIMATED. CONTRACTOR IS RESPONSIBLE FOR PERFORMING FIELD SURVEY TO DETERMINE THE EXACT LENGTH REQUIRED.

(30) ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MUTCD (LATEST EDITION)

(31) ALL POLES, POLE BOXES, CONTROLLERS AND PAVEMENT MARKINGS SHALL BE FIELD LOCATED BY THE ENGINEER AND THE CONTRACTOR AT THE NEAREST PRACTICAL LOCATION INDICATED ON THE PLAN SHEETS.

(32) ALL SIGNAL MAST ARM POLES TO BE GALVANIZED STEEL UNLESS SPECIFIED. CONTRACTOR TO VERIFY ALL MAST ARM LOCATIONS TO BE SURE THERE ARE NO UTILITY CONFLICTS PRIOR TO ORDERING POLES.

(33) SIGNAL CONTROLLER TIMINGS TO BE PROVIDED BY THE ENGINEER.

(34) SPECIFICATIONS FOR SIGNALS SHALL BE THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION.

(35) TRAFFIC SIGNAL CABLE IN MAST ARMS TO BE MEASURED AND PAID FOR AS ELECTRICAL CABLE, AERIAL SUPPORTED IN CONDUIT, IMSA 20-1, AWG #14-8 CONDUCTOR, (PAY ITEM 666-C017).

(36) WHERE MILLING OF THE ROADWAY LANE IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER.

(37) THE CONTRACTOR SHALL MAKE THE APPLICATIONS FOR POWER SERVICE, COORDINATING WITH UTILITY OFFICIALS IN ADVANCE OF REQUIRING THE ELECTRICAL SERVICE AND INCIDENTALS NECESSARY FOR SUPPLY OF POWER. COST SHALL BE ABSORBED IN OTHER ITEMS OF CONSTRUCTION.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

I-269 FROM NORTH OF US 78 TO SR 302

PROJ. NO.: STP-0029-03(015)
COUNTY: MARSHALL

FILENAME: GN_SH.DGN
DESIGN TEAM GARVER CHECKED TWB DATE APR 2016

WORKING NUMBER GN-1

SHEET NUMBER 5

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

4/18/2016 11:07AM GN_SH.DGN