1st O.REV.

GENERAL INDEX

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☒	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(011)

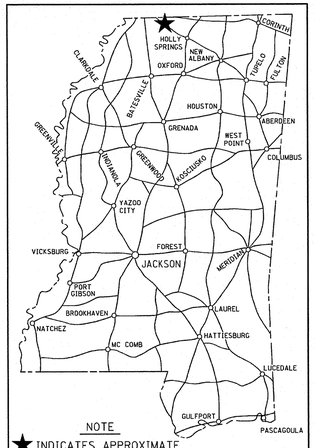
PAVING PLANS

I–269 / FROM SR 302 TO THE TENNESSEE STATE LINE

MARSHALL COUNTY

FMS 102556 /308000

STATE	PROJECT NO.	SHEET NO.
MISSISSIPPI	STP–0029–03(011)	1



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34°58'51" LONG. 89°38'25"
(APPROX. MIDDLE OF PROJECT)

SCALES

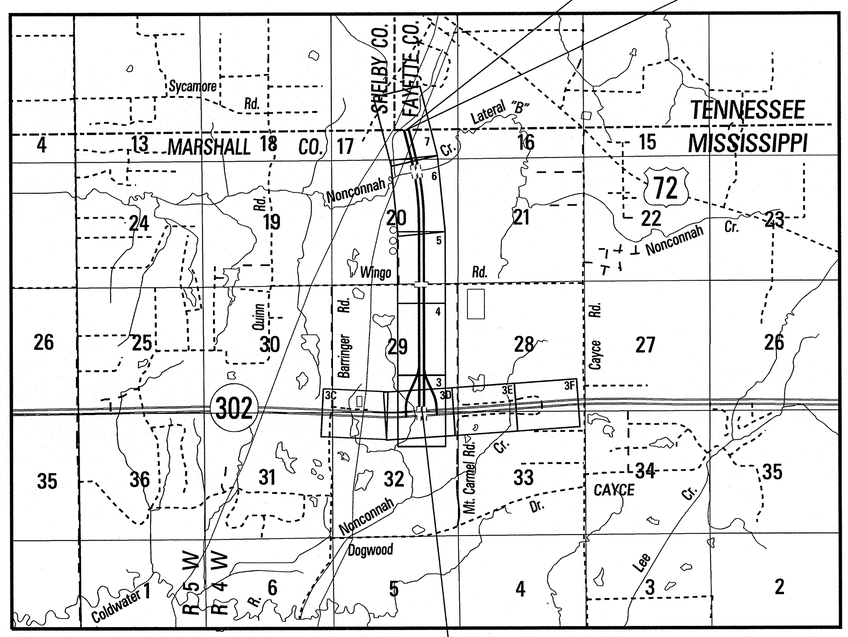
PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT MAP		1 IN. = 3000 FT.

STATE PLANE COORDINATE EQUATION

MS. (WEST ZONE) N 1,999,912.16 E 2,503,474.83 BK. =
TN. N 261,275.839 E 877,653.483 AH.

E.O.P. CONST. 1369 + 25

MDOT WEST ZONE



TO CORINTH 61 mi.

TO MT. PLEASANT 3 mi.

← TO OLIVE BRANCH 5 mi.

BRIDGE STRUCTURES REQUIRED

NONE

BOX BRIDGES REQUIRED

NONE

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

MS 1369 + 58.947 BK =
TN 750 + 35.260 AH

BOP CONST. 1250 + 44.87

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	11,880.13 FT.	2.250 MI.
LENGTH OF BRIDGE	241.66 FT.	0.0458 MI.
LENGTH OF ROADWAY (NET)	11638.47 FT.	2.204 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)	11638.47 FT.	2.204 MI.

DESIGN CONTROL

75 MPH = V (SPEED DESIGN)

ADT (2015) = 27,000 : ADT (2035) = 45,000

DHV = 4500 : D = 60 % T = 19 %

PERMITS ACQUIRED BY MDOT

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

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

* 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: DC DATE: 11/8/13

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).

ICA ENGINEERING
ROADWAY DESIGN

ICA ENGINEERING
ITS DESIGN

DATE	ADDED NOTE	REVISIONS	BY
12-30-13			ICA

APPROVED:

CHIEF ENGINEER — DATE 11-8-13

EXECUTIVE DIRECTOR — DATE 11/8/13

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

PLAN TITLE
ROADWAY/ROBERBY ROAD/MARSHALL SECTION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/7/2013 08:53:57 TITLE CONST.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	STP-0029-03(011)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
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DETAILED INDEX		DI–2	3
DETAILED INDEX		DI–3	4
DETAILED INDEX		DI–4	5
GENERAL NOTES		GN–1	6
GENERAL NOTES		GN–2	7
TYPICAL SECTION SHEETS (8)			
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SR 302 OVERLAY		TS–2	9
SR 302 ACCELERATION AND DECELERATION LANES		TS–3	10
WIDENING FOR RAMP TAPERS		TS–4	11
SR 302 LEFT TURN WIDENING AND MEDIAN CROSSOVERS		TS–5	12
NE & NW INTERCHANGE RAMPS @ SR 302		TS–6	13
CHANNELIZED INTERSECTIONS – NE & NW INTERCHANGE RAMPS @ SR 302		TS–7	14
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QUANTITY SHEETS (13)			
SUMMARY OF QUANTITIES – (ROADWAY)		SQ–1	16
SUMMARY OF QUANTITIES – (ROADWAY)		SQ–2	17
SUMMARY OF QUANTITIES – (ROADWAY)		SQ–3	18
SUMMARY OF QUANTITIES – (ROADWAY)		SQ–4	19
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ESTIMATED QUANTITIES – (EROSION CONTROL ITEMS & GUARDRAIL)		EQ–2	21
ESTIMATED QUANTITIES – (BRIDGE END PAVEMENT, ESTIMATED EARTHWORK, & PAVEMENT MARKINGS)		EQ–3	22
ESTIMATED QUANTITIES – (STANDARD ROADSIDE SIGNS)		EQ–4	23
ESTIMATED QUANTITIES – (STANDARD ROADSIDE SIGN ASSEMBLIES)		EQ–5	24
ESTIMATED QUANTITIES – (STANDARD ROADSIDE SIGN ASSEMBLIES)		EQ–6	25
ESTIMATED QUANTITIES – (STANDARD ROADSIDE SIGN ASSEMBLIES)		EQ–7	26
ESTIMATED QUANTITIES – (TRAFFIC CONTROL DEVICES AND TEMPORARY STRIPING)		EQ–8	27
ESTIMATED QUANTITIES – (TRAFFIC CONTROL SIGNS)		EQ–9	28

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
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SR 302 (BEGIN CONST. TO 285+00)		3C	32
SR 302 (285+00 TO 315+00)		3D	33
SR 302 (315+00 TO 345+00)		3E	34
SR 302 (345+00 TO END CONST.)		3F	35
NW RAMP @ SR 302		3G	36
NE RAMP @ SR 302		3H	37
I–269 (1265+00 TO 1295+00)		4	38
I–269 (1295+00 TO 1325+00)		5	39
I–269 (1325+00 TO 1355+00)		6	40
I–269 (1355+00 TO E.O.P.)		7	41
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TRAFFIC CONTROL – GENERAL NOTES, PHASING NOTES & SPECIAL DETAILS		TC–1	43
TRAFFIC CONTROL – SR 302 PHASE 1–1A		TC–2	44
TRAFFIC CONTROL – SR 302 PHASE 2		TC–3	45
TRAFFIC CONTROL – DRUM PLACEMENT & SHOULDER CLOSURE DETAILS		TCP–SC	46
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4–LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)		SDTCP–4	47
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HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP–P	49
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INTERSECTION DETAIL – NE RAMP AT SR 302		ID–2	51
FORM GRADE – NW RAMP AT SR 302		FG–1	52
FORM GRADE – NE RAMP AT SR 302		FG–2	53
FORM GRADE – NW RAMP AND NE RAMP AT I–269		FG–3	54

ICA Engineering, Inc.

PS & E PLANS-DATE 11/12/13		
FMS CON. # 102556 / 308000		
REVISIONS		
DATE	SHEET NO.	BY
12-13-13	4,16,17,19,21,3003-3011,	ICA
	3014-3017,3025	
12-20-13	1,3,8,9,13,16-18,22,33,61,62,	ICA
	104,1004,3010,3012-3015	

ICA ENGINEERING
ROADWAY DESIGN

ICA ENGINEERING
ITS DESIGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. STP–0029–03(011)
MARSHALL COUNTY

WORKING NUMBER: DI–1

SHEET NUMBER: 2

FILENAME: di.dgn
DESIGN TEAM ICA ENG CHECKED DW DATE 11-13

BY | REVISION | DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

12/20/2013 14:34:30 STAMPED_01_12-20-13.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	STP-0029-03(011)

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DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
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PAVEMENT MARKINGS – I–269 (1293+00 TO 1323+00)		PMD–3	57
PAVEMENT MARKINGS – I–269 (1323+00 TO 1352+00)		PMD–4	58
PAVEMENT MARKINGS – I–269 (1352+00 TO E.O.P.)		PMD–5	59
PAVEMENT MARKINGS – SR 302 (259+86 TO 291+00)		PMD–6	60
PAVEMENT MARKINGS – SR 302 (311+00 TO 340+00) & MT. CARMEL N. & S. △1		PMD–7	61
PAVEMENT MARKINGS – SR 302 (340+00 TO 356+00) & MT. CARMEL N. & S. △1		PMD–8	62
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RUMBLE STRIPE 4–LANE HIGHWAY		RS–4L	64
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PRELIMINARY EROSION CONTROL PLANS – SR 302 (BEGIN CONST. TO 285+00)		ECP–3C	67
PRELIMINARY EROSION CONTROL PLANS – SR 302 (285+00 TO 315+00)		ECP–3D	68
PRELIMINARY EROSION CONTROL PLANS – SR 302 (315+00 TO 345+00)		ECP–3E	69
PRELIMINARY EROSION CONTROL PLANS – SR 302 (345+00 TO END CONST.)		ECP–3F	70
PRELIMINARY EROSION CONTROL PLANS – NW RAMP @ SR 302		ECP–3G	71
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PRELIMINARY EROSION CONTROL PLANS – I–269 (1265+00 TO 1295+00)		ECP–4	73
PRELIMINARY EROSION CONTROL PLANS – I–269 (1295+00 TO 1325+00)		ECP–5	74
PRELIMINARY EROSION CONTROL PLANS – I–269 (1325+00 TO 1355+00)		ECP–6	75
PRELIMINARY EROSION CONTROL PLANS – I–269 (1355+00 TO E.O.P.)		ECP–7	76
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EROSION CONTROL DETAILS – DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS		ECD–4	80
EROSION CONTROL DETAILS – TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS		ECD–5	81
EROSION CONTROL DETAILS – DETAILS OF EROSION CONTROL WATTLE DITCH CHECK		ECD–6	82
EROSION CONTROL DETAILS – DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK		ECD–7	83
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EROSION CONTROL DETAILS – ROCK DITCH CHECK WITH SUMP EXCAVATION		ECD–9	85
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EROSION CONTROL DETAILS – INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS		ECD–11	87
EROSION CONTROL DETAILS – INLET PROTECTION DETAILS OF WATTLES		ECD–12	88
EROSION CONTROL DETAILS – INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE		ECD–13	89
EROSION CONTROL DETAILS – INLET PROTECTION DETAILS OF SAND BAG		ECD–14	90
EROSION CONTROL DETAILS – STABILIZED CONSTRUCTION ENTRANCE		ECD–15	91
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EROSION CONTROL DETAILS – TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN) (RIPRAP DIKE SILT BASIN)		TEC–D135	95
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SUPERELEVATION RUNOFF CASE II ROTATION ABOUT EDGE OF TRAVEL WAY		SDRO–2	109
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7983 12-20-13 STATE OF MISSISSIPPI

ICA ENGINEERING
ROADWAY DESIGN

CHARLES SULLIVAN REGISTERED PROFESSIONAL ENGINEER 19102 STATE OF MISSISSIPPI 12/20/13

ICA ENGINEERING
ITS DESIGN

DATE	REVISED DESCRIPTION	BY
12-20-13	REVISION	ICA

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. STP–0029–03(011)
MARSHALL COUNTY

WORKING NUMBER: DI–2

SHEET NUMBER: 3

FILENAME: di.dgn
DESIGN TEAM ICA ENG CHECKED DW DATE 11-13

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1st O.REV. STAMPED DI_12-20-13.DGN

1st O.REV.

STATE	PROJECT NO.
MISS.	STP-0029-03(011)

PERMANENT SIGNS (10)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
PERMANENT SIGNING & DELINEATOR PLANS – I–269 (1235+00 TO 1265+00)		PSP–1	1001
PERMANENT SIGNING & DELINEATOR PLANS – SR 302 (250+00 TO 291+50)		PSP–1A	1002
PERMANENT SIGNING & DELINEATOR PLANS – SR 302 (311+00 TO 339+00)		PSP–1B	1003
PERMANENT SIGNING & DELINEATOR PLANS – I–269 (1265+00 TO 1295+00)		PSP–2	1004
PERMANENT SIGNING & DELINEATOR PLANS – I–269 (1295+00 TO 1325+00)		PSP–3	1005
PERMANENT SIGNING & DELINEATOR PLANS – I–269 (1325+00 TO 1355+00)		PSP–4	1006
PERMANENT SIGNING & DELINEATOR PLANS – I–269 (1355+00 TO E.O.P.)		PSP–5	1007
PERMANENT SIGNING & DELINEATOR PLANS – DIRECTIONAL SIGN DETAIL		DSD–1	1008
PERMANENT SIGNING & DELINEATOR PLANS – DIRECTIONAL SIGN DETAIL		DSD–2	1009
DIRECTIONAL SIGN DETAIL		DSD–3	1010

TRAFFIC SIGNAL (8)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
TRAFFIC SIGNAL INSTALLATION – SIGNAL LAYOUT (NW RAMP)		TSI–1	2001
TRAFFIC SIGNAL INSTALLATION – WIRING DIAGRAM (NW RAMP)		TSI–2	2002
TRAFFIC SIGNAL INSTALLATION – CONDUIT LAYOUT (NE RAMP)		TSI–3	2003
DETAIL OF TRAFFIC SIGNAL HEADS, SIGNS, AND GENERAL NOTES		TSD–1	2004
PULLBOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATIONS		TSD–3	2005
SPAN WIRE AND STEEL STRAIN POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION		TSD–4	2006
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS, MISCELLANEOUS DETAILS		TSD–5	2007
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATIONS		TSD–6	2008

ITS (25) △1

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
LEGEND		ITS–L–1	3001
GENERAL NOTES		ITS–GN–1	3002
LOCATION PLAN		ITS–LP–1	3003
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ITS PLAN – SR 302 (BEGIN CONST. TO 292+00)		ITS–2	3005
ITS PLAN – SR 302 (310+00 TO 342+00)		ITS–3	3006
ITS PLAN – SR 302 (342+00 TO END CONST.)		ITS–4	3007
ITS PLAN – I–269 (1265+00 TO 1295+00)		ITS–5	3008
ITS PLAN – I–269 (1295+00 TO 1325+00)		ITS–6	3009
ITS PLAN – I–269 (1325+00 TO 1355+00)		ITS–7	3010
ITS PLAN – I–269 (1355+00 TO E.O.P.)		ITS–8	3011
DYNAMIC MESSAGE SIGN DETAIL – DMS–1		DMS–1	3012
DYNAMIC MESSAGE SIGN DETAIL – DMS–2		DMS–2	3013
DYNAMIC MESSAGE SIGN DETAIL – DMS–3		DMS–3	3014
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FIBER OPTIC DETAILS – FIBER SPLICING DETAILS		FO–2	3017
FIBER OPTIC DETAILS – PULLBOX AND CONDUIT TRENCHING DETAILS		FO–3	3018
FIBER OPTIC DETAILS – CABINET ENTRANCE DETAILS		FO–4	3019
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RDS DETAIL		RDS–1	3022
CABINET DETAIL		CAB–1	3023
POWER SERVICE DETAIL		POW–1	3024
△1 TRAFFIC RECORDER INDUCTANCE LOOPS		LCD–1	3025

CHARLES SULLIVAN REGISTERED PROFESSIONAL ENGINEER 12102 STATE OF MISSISSIPPI 12/13/13

ICA ENGINEERING
ROADWAY DESIGN

DANNY H. WALKER REGISTERED PROFESSIONAL ENGINEER 7383 STATE OF MISSISSIPPI 12/13/13

ICA ENGINEERING
ITS DESIGN

△1	12-13-13	ADDED SHEET	ICA	
	DATE	REVISION	BY	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. STP–0029–03(011)
MARSHALL COUNTY

WORKING NUMBER: DI–3

SHEET NUMBER: 4

FILENAME: di.dgn
DESIGN TEAM ICA_ENG CHECKED DW DATE 11-13

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

2/20/2013 12:08:12 STAMPED DI_12-13-13.DGN

STATE	PROJECT NO.
MISS.	STP-0029-03(011)

STANDARD DRAWINGS – ROADWAY SHEETS (44)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
PAVEMENT MARKING			
PAVEMENT MARKING DETAILS FOR 2–LANE & 4–LANE DIVIDED HIGHWAYS	12–01–99	PM–1	6120
PAVEMENT MARKING LEGEND DETAILS		PM–6	6125
EROSION CONTROL			
EROSION CONTROL		EC–1	6140
PROTECTIVE BARRIERS			
GUARDRAIL : "W" BEAM (STEEL POSTS)	3–01–02	GR–1B	6182
GUARDRAIL : MODIFIED THRIE BEAM (STEEL POSTS)	3–01–02	GR–1C	6183
GUARDRAIL : TYPE 1 CABLE ANCHORAGE (CONCRETE FOOTING)	3–01–02	GR–3A	6193
GUARDRAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2–LANE, 2–WAY HIGHWAY	12–01–99	GR–4A	6195
GUARDRAIL : TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS	3–01–02	GR–4C	6197
GUARDRAIL : MISCELLANEOUS HARDWARE	3–01–02	GR–HW	6202
MEDIAN BARRIER : CONCRETE (PRECAST)	3–01–02	MB–2A	6205
SIGNING			
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STANDARD ROADSIDE SIGNS		SN–3A	6223
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TEMPORARY STRIPING FOR TRAFFIC CONTROL 2–LANE AND 4–LANE DIVIDED HIGHWAYS	12–01–99	TCP–15	6264
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STANDARD DRAWINGS – ROADWAY SHEETS (CONT.)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
MISCELLANEOUS ROADWAY DETAILS			
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
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DRAINAGE			
PIPE CULVERT INSTALLATION		PI–1	6300
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TYPE I MEDIAN INLET (24" PIPE AND UNDER)	3–01–02	MI–1	6306
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DETAILS OF GRATES FOR MEDIAN INLETS		IG–1	6314
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GUTTER INLET FOR TYPE 2 CURB STORM SEWER ALONG ROADWAY		GI–1A	6317
PAVED INLET APRON AND MEDIAN DITCH PLUG		PA–1	6318
FLARED END SECTIONS FOR CONCRETE PIPE		FE–1	6328

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I–269	9001–9005
SR 302	9006–9026
NW RAMP	9027–9032
NE RAMP	9033–9038
CULVERT DRAINAGE SECTIONS	9039–9041

DANNY E. ILLIAN LICENSED PROFESSIONAL ENGINEER 7983 11-07-13 STATE OF MISSISSIPPI

ICA ENGINEERING
ROADWAY DESIGN

CHARLES SULLIVAN LICENSED PROFESSIONAL ENGINEER 13102 STATE OF MISSISSIPPI

ICA ENGINEERING
ITS DESIGN

BY | REVISION | DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. STP–0029–03(011)
MARSHALL COUNTY

WORKING NUMBER: DI–4

SHEET NUMBER: 5

FILENAME: di.dgn
DESIGN TEAM ICA CHECKED DW DATE 11-13

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/12/2013 15:19:58 DI.DGN

STATE	PROJECT NO.
MISS.	STP-0029-03(011)

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 (2009 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 ARE TO BE PLUGGED WITH PLASTIC INSERTS AND BITUMINOUS SEALER TO THE SATISFACTION OF THE ENGINEER. (NOT A SEPARATE PAY ITEM)

7. *VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED WITH GRANULAR MATERIAL OR TOPSOIL AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE BACKFILL MATERIAL IS NOT A SEPARATE PAY ITEM.*

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 ON THE BACK OF ALL SIGNS WITH A SANFORD MEANSTREAK WATERPROOF FORMULA PERMANENT MARKING STICK.

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–0029–03(011)
MARSHALL COUNTY

WORKING NUMBER
GN–1

SHEET NUMBER
6

FILENAME: gn-1.dgn
DESIGN TEAM ICA CHECKED DW DATE 11-13

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/12/2013 15:20:17 GN-1.DGN

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STATE	PROJECT NO.
MISS.	STP-0029-03(011)

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. FOR THE WELCOME TO MISSISSIPPI SIGN, THE ARTWORK SHALL BE PROVIDED BY MDOT–TED IN AN ELECTRONIC FORMAT.

29. ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) (2009 EDITION AND ALL SUBSEQUENT REVISIONS).

30. 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.

31. 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.

32. SIGNAL CONTROLLER TIMINGS TO BE PROVIDED BY THE ENGINEER.

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

34. TRAFFIC SIGNAL CABLE IN MAST ARMS TO BE MEASURED AND PAID FOR AS ELECTRICAL CABLE, UNDERGROUND IN CONDUIT, IMSA 20–1, AWG #14–5 CONDUCTOR, (PAY ITEM 666–B015).

35. 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.

36. 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.

37. FOR ADDITIONAL NOTES REGARDING TRAFFIC CONTROL, SEE WK. SH. TC–1 & TC–5.

38. FOR ADDITIONAL NOTES REGARDING TRAFFIC SIGNALS, SEE WK. SH. TSD–1.

39. FOR ITS GENERAL NOTES, SEE WK. SH. ITS–GN–1.

40. FOR FIBER OPTIC GENERAL NOTES, SEE WK. SH. FOD–1.

41. FOR CCTV GENERAL NOTES, SEE WK. SH. CCTV–1.

42. FOR RADAR DETECTION SYSTEM GENERAL NOTES, SEE WK. SH. RDS–1.

43. WORK SHOWN PRIOR TO STATION 1204 + 44 IS NOT INCLUDED IN THIS CONTRACT.

44. BRIDGE JOINTS ARE TO BE SEALED BEFORE THE ROADWAY IS OPENED TO TRAFFIC. (WINGO RD. BRIDGE IS TO BE SEALED USING LANE CLOSURES)

△1 45. ALL GUARD RAIL AND HARDWARE REMOVED UNDER PAY ITEM 202–B053 SHALL BE DELIVERED BY THE CONTRACTOR TO THE MDOT MAINTENANCE FACILITY IN HOLLY SPRINGS, MS.

DATE	REVISION	BY
12-20-13	ADDED NOTE	ICA

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO. STP–0029–03(011)
MARSHALL COUNTY

WORKING NUMBER
GN–2

SHEET NUMBER
7

FILENAME: gn-2.dgn
DESIGN TEAM ICA CHECKED DW DATE 11-13

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION
12/20/2013 12:11:01:14 GN-2.DGN