1 st O. REV.

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	SP-9392-00(003)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

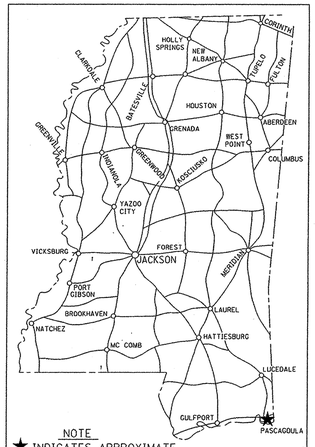
PLAN AND PROFILE OF PROPOSED
U.S. HIGHWAY 611
STATE PROJECT NO. SP-9392-00(003)

SR 611 RECONSTRUCTION
AND INTERCHANGE WITH U.S. HWY. 90
JACKSON COUNTY

100710/301000

RATIOS / SCALES

PLAN 1:1000
PROFILE { HOR. 1:1000 ; VERT. 1:100
LAYOUT = 1:20000

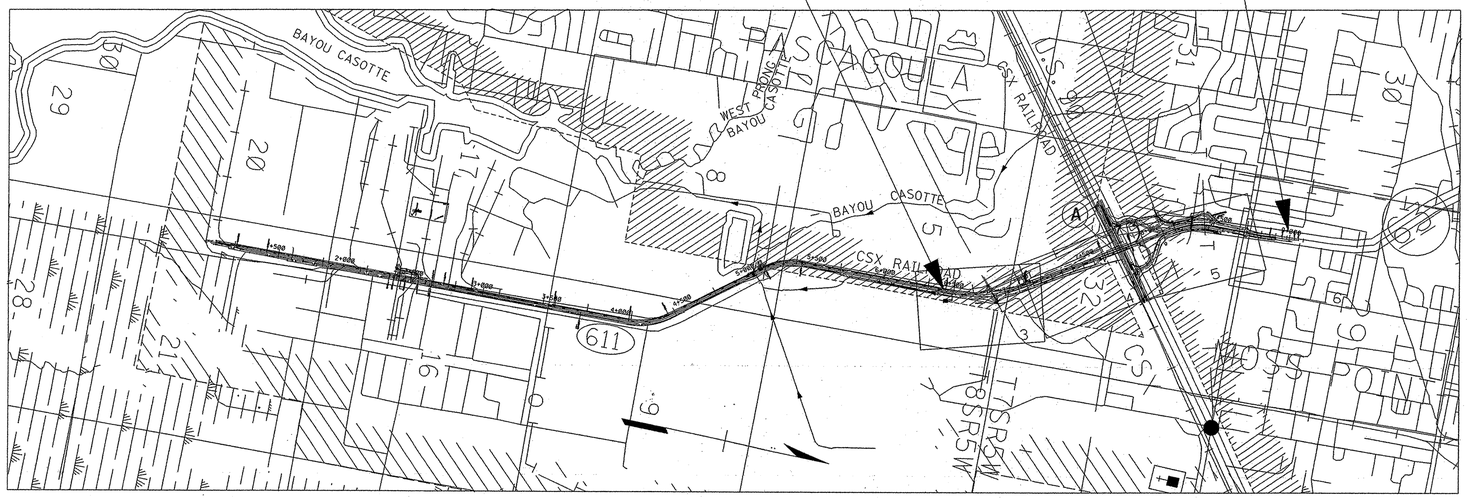


NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 30° 21' 58" N LONG. 88° 29' 53" W
(APPROX. MIDDLE OF PROJECT)

BEGIN PROJECT
STA. 6+440.000

END PROJECT
STA. 8+906.000



BRIDGE STRUCTURES REQ'D.

(A) BRIDGE @ STA. 7+623.394
SPANS REQ'D. 1 @ 108m (3 @ 36), 1 @ 108m, (3 @ 36)
216.712m ALONG ℄

BOX BRIDGES REQ'D.

NONE

CONVENTIONAL SYMBOLS

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

EQUATIONS

STA. 6+500.006 BK = STA. 6+500.000 AHEAD (+0.006)

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	2 249.294 m
LENGTH OF BRIDGES	216.712 m
LENGTH OF PROJECT (NET)	2 466.006 m
LENGTH OF EXCEPTIONS	0 m
LENGTH OF PROJECT (GROSS)	2 466.006 m

DESIGN CONTROL
80 km/h = V (SPEED DESIGN)
ADT (2001) = 8100 ; ADT (2021) = 15000
DHV = 1800 ; D = 60 % T = 10 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	Y	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	Y
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 (DISTRIBUTED 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: JCT DATE: 12/08/09

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
2. authority and as shown on the plans.
This note applies the following station limits:

BEG. STATION	END STATION	TYPE OF ACCESS
6+786.55 LT.	7+057.74 LT.	2B
7+057.74 LT.	8+400.00 LT.	1
8+400.00 LT.	8+690.00 LT.	2B
6+786.55 RT.	8+480.00 RT.	1

This project is declared by the Transportation Commission to be a Type 1 and Type 2B Controlled Access Facility, as defined in and subject to all restrictions shown by order of said Commission dated, this the 11th day December 2007 in minute book 12, pages 1780 and 1781 ,and authorized under section 65-1-10(l) MCA (1972, as amended).

107

STEVEN LEWIS JAMES LICENSED PROFESSIONAL ENGINEER 14732 STATE OF MISSISSIPPI

METRIC DEPARTMENT OF TRANSPORTATION MISSISSIPPI

APPROVED:
CHIEF ENGINEER 12/17/09 DATE
EXECUTIVE DIRECTOR 12/0/09 DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

DATE	EDITED PROJECT NUMBER & PERMIT REVISIONS	BY
5/10		SLH

ROADWAY DESIGN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
LAYOUT SHEET

STATE	PROJECT NO.
MISS.	SP-9392-00(003)

ROADWAY DESIGN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
METRIC PLAN SHEET

ADDENDUM DESCRIPTION OF SHEETS	WORKING NO.	SHEET NO.
TITLE SHEET (1)		1
DETAILED INDEX SHEETS (4)		
DETAILED INDEX SHEET (ROADWAY)	DI1	2
DETAILED INDEX SHEET	DI2	3
DETAILED INDEX (BRIDGE)	DI3	4
GENERAL NOTES	GN1	5
TYPICAL SECTIONS (17)		
SR 611 TYPICAL SECTIONS	TS-1	6
SR 611 & HWY 63 TYPICAL SECTIONS	TS-2	7
HWY 63 TYPICAL SECTIONS	TS-3	8
HWY 63 TYPICAL SECTIONS	TS-4	9
HWY 63 TYPICAL SECTIONS	TS-5	10
RAMP A TYPICAL SECTIONS	TS-6	11
RAMP A TYPICAL SECTION	TS-7	12
RAMP B TYPICAL SECTIONS	TS-8	13
RAMP B TYPICAL SECTION	TS-9	14
RAMP C TYPICAL SECTIONS	TS-10	15
RAMP C TYPICAL SECTIONS	TS-11	16
RAMP D TYPICAL SECTIONS	TS-12	17
RAMP D TYPICAL SECTIONS	TS-13	18
U.S. HWY 90 TYPICAL SECTIONS	TS-14	19
U.S. HWY 90 TYPICAL SECTIONS	TS-15	20
OLD MOBILE HWY. AND CONNECTOR RD. TYPICAL SECTIONS	TS-16	21
SHORTCUT ROAD TYPICAL SECTIONS	TS-17	22
QUANTITY SHEETS (15) 1		
SUMMARY OF QUANTITIES (ROADWAY)	Q1	23
SUMMARY OF QUANTITIES (ROADWAY)	Q2	24
SUMMARY OF QUANTITIES (ROADWAY)	Q3	25
SUMMARY OF QUANTITIES (BRIDGE)	Q4	26
ESTIMATED QUANTITIES - (ROADWAY)	Q5	27
ESTIMATED QUANTITIES - (ROADWAY)	Q6	28
ESTIMATED QUANTITIES - (BRIDGE)	Q7	29
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	Q8	30
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	Q9	31
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	Q10	32
ESTIMATED QUANTITIES - DIRECTIONAL SIGNS	Q11	33
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	Q12	34
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	Q13	35
ESTIMATED QUANTITIES - TRAFFIC SIGNAL ITEMS	Q14	36
ESTIMATED QUANTITIES - ROW COORDINATE SHEET	Q15	36.1 1
PLAN AND PROFILE SHEETS 1:100 (15)		
SR 611 STA. 6+440 TO STA. 7+100	3	37
OLD MOBILE HWY. STA. 9+932 TO STA. 10+075	3A	38
CONNECTOR ROAD - SR 611 @ STA. 7+050 - STA. 0+915 TO STA. 1+000	3B	39
SR 611 STA. 7+100 TO STA. 7+900	4	40
RAMP A STA. 1+000 TO STA. 1+424.678	4A	41
RAMP B STA. 1+000 TO STA. 1+359.637	4B	42
RAMP C STA. 1+000 TO STA. 1+347.309	4C	43
RAMP D STA. 1+000 TO STA. 1+399.464	4D	44
U.S. HWY. 90 STA. 13+400 TO STA. 14+200 (WEST BOUND LANES)	4E-L	45
U.S. HWY. 90 STA. 13+400 TO STA. 14+200 (EAST BOUND LANES)	4E-R	46
SHORTCUT ROAD STA. 7+920 TO STA. 8+440	4F	47
SR 611 STA. 7+900 TO STA. 8+700	5-L	48
SR 611 STA. 7+900 TO STA. 8+700	5-R	49
SR 611 STA. 8+700 TO STA. 8+906	6-L	50
SR 611 STA. 8+700 TO STA. 8+906	6-R	51
SPECIAL DESIGN - ROADWAY ITEMS (110) 1		
INTERCHANGE LAYOUT SHEET/SR 611 & U.S. HWY. 90	L-1	52
INTERSECTION DETAILS - SR 611 & OLD MOBILE HIGHWAY	ID1	53
INTERSECTION DETAILS - US 90 & RAMP C US 90 & RAMP D	ID2	54
INTERSECTION DETAILS - SR 611 & RAMP B SR 611 & RAMP C	ID3	55
INTERSECTION DETAILS - US 90 & RAMP A US 90 & RAMP B	ID4	56
INTERSECTION DETAILS - SR 611, RAMP A & RAMP D	ID5	57
INTERSECTION DETAILS - SR 63 & SHORTCUT RD.	ID6	58
INTERSECTION DETAILS - SR 63 & FREDERICK ST.	ID7	59
CULVERT DETAILS HIGHWAY 611 STA. 6+880, STA. 8+085, & STA. 8+292	CD1	60
CULVERT DETAILS RAMP A STA. 1+075 & 1+320, RAMP D STA. 1+300	CD2	61
CULVERT DETAILS HIGHWAY 611 RAMP D STA. 1+040	CD3	62
PLAN AND PROFILE WICK DRAIN	WD-1	63

DESCRIPTION OF SHEETS	WORKING NO.	SHEET NO.	
SPECIAL DESIGN - ROADWAY ITEMS (110) (CONT.) 1			
PAVEMENT MARKING DETAIL - SR 611 STA. 6+440 TO STA. 6+600	PMD-01	64	
PAVEMENT MARKING DETAIL - SR 611 STA. 6+600 TO STA. 6+900	PMD-02	65	
PAVEMENT MARKING DETAIL - SR 611 STA. 6+900 TO STA. 7+200	PMD-03	66	
PAVEMENT MARKING DETAIL - SR 611 STA. 7+500 TO STA. 7+800	PMD-04	67	
PAVEMENT MARKING DETAIL - SR 611 STA. 7+800 TO STA. 8+100	PMD-05	68	
PAVEMENT MARKING DETAIL - SR 611 STA. 8+100 TO STA. 8+400	PMD-06	69	
PAVEMENT MARKING DETAIL - SR 611 STA. 8+400 TO STA. 8+700	PMD-07	70	
PAVEMENT MARKING DETAIL - SR 611 STA. 8+700 TO STA. 9+000	PMD-08	71	
PAVEMENT MARKING DETAIL - U.S. HWY. 90 STA. 13+400 TO STA. 13+700	PMD-09	72	
PAVEMENT MARKING DETAIL - U.S. HWY. 90 STA. 13+880 TO STA. 14+200	PMD-10	73	
SIGNING PLAN - SR 611 STA. 6+440 TO 7+200	SP-1	74	
SIGNING PLAN - SR 611 & U.S. 90 STA. 7+200 TO 8+900	SP-2	75	
DIRECTIONAL SIGN DETAILS SR 611	DS1	76	
DIRECTIONAL SIGN DETAILS SR 611	DS2	76.01	1
OVERHEAD SIGN DETAILS - ASSEMBLY #1	OH-1	77	
OVERHEAD SIGN DETAILS - ASSEMBLY #2	OH-2	78	
OVERHEAD SIGN DETAILS - ASSEMBLY #3	OH-3	79	
OVERHEAD SIGN DETAILS - ASSEMBLY #4	OH-4	80	
OVERHEAD SIGN DETAILS - ASSEMBLY #5	OH-5	80.01	1
TRAFFIC SIGNAL INSTALLATION US 90 - RAMP A / RAMP B	TSI-01	81	
TRAFFIC SIGNAL LAYOUT US 90 - RAMP C / RAMP D	TSI-02	82	
TRAFFIC SIGNAL LAYOUT SR 63 - SHORTCUT ROAD	TSI-03	83	
TRAFFIC SIGNAL LAYOUT SR 63 - FREDERICK STREET	TSI-04	84	
TRAFFIC SIGNAL LAYOUT SR 611 - OLD MOBILE HIGHWAY	TSI-05	85	
DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS AND GENERAL NOTES	TSD-1	86	
LOOP DETECTOR DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-2	87	
PULL BOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-3	88	
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS AND MISCELLANEOUS DETAILS	TSD-4	89	
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-5	90	
VEGETATION SCHEDULE	VS-1	91	
TRAFFIC CONTROL PLAN - SEQUENCE OF CONSTRUCTION SR 611 WIDENING	TC-1	92	
TRAFFIC CONTROL PLAN - SEQUENCE OF CONSTRUCTION STAGE 1	TC-2	92.1	
TRAFFIC CONTROL PLAN - SEQUENCE OF CONSTRUCTION STAGE 2	TC-3	92.2	
TRAFFIC CONTROL PLAN - SEQUENCE OF CONSTRUCTION STAGE 3	TC-4	92.3	
PAVEMENT REMOVAL PLAN - SR 611 & U.S. HWY. 90	PR1	93	
PAVEMENT REMOVAL PLAN - SR 611 & ORCHARD RD., SR 611 & OLD MOBILE HWY.	PR2	93.1	
ELECTRICAL LIGHTING PLAN	ELP1	94	
ELECTRICAL LIGHTING PLAN	ELP2	94.1	
ELECTRICAL LIGHTING PLAN	ELP3	94.2	
ELECTRICAL DETAILS I	ED1	94.3	
ELECTRICAL DETAILS II	ED2	94.4	
ELECTRICAL DETAILS III	ED3	94.5	
ELECTRICAL DETAILS IV	ED4	94.6	
FORM GRADE SR 611 & OLD MOBILE HIGHWAY	FG1	95	
FORM GRADE U.S. HWY. 90 - RAMPS A & B	FG2	95.1	
FORM GRADE U.S. HWY. 90 - RAMPS C & D	FG3	95.2	
FORM GRADE SR 63 RAMPS B & C	FG4	95.3	
FORM GRADE RAMP A & RAMP D	FG5	95.4	
FORM GRADE SR 611 & SHORTCUT RD.	FG6	95.5	
FORM GRADE FREDRICK ST.	FG7	95.6	
BRIDGE END PAVEMENT WITH RAIL AND OVERLAY	BE-1C	96	* 1
32" BRIDGE END PAVEMENT RAIL	BEPR-1B	96.01	* 1
GUARDRAIL BRIDGE END SECTION TYPE "I" (STEEL POSTS)	GR-2G	96.02	*
GUARDRAIL BRIDGE END SECTION TYPE "I" (WOOD POSTS)	GR-2F	96.03	*
GUARDRAIL RUB RAIL HARDWARE SHEET	GR-RR	96.04	*
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE:MEDIAN LANE OR OUTSIDE LANE CLOSURE)(EXTENDED PERIOD)	TCP-3	96.05	
RIGHT OF WAY MARKERS	RW-1	96.06	
PRECAST UNITS JUNCTION BOX, TYPE SS-3, AND DROP PRECAST INLET	PCU-1	96.07	*
PRECAST UNITS SS-2 PRECAST INLET	PCU-2	96.08	*
DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	96.09	*
LOCATION OF R16-3 SIGNS	R16-3	96.10	*

* ENGLISH STANDARD DRAWINGS

GARVER, LLC

FINAL PLANS-DATE 12-16-2009		
FMS CON. # 100710/301000		
REVISIONS		
DATE	SHEET NO.	BY
5/12/10	26,29	JB
5/10	1-3,6-25,28,33-51	SLH
	74-91,96,96.01	
	97-100.31	
6/17/10	25, & 26	JCR
7/06/10	5	SLH
7/12/10	5	JCR

DATE	ADDED/REPLACED SHEET REVISION	BY
5/10	1	SLH

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX SHEET

(ROADWAY)
PROJECT NO. SP-9392-00(003)
JACKSON COUNTY

WORKING NUMBER DI1

SHEET NUMBER 2

FILENAME: 611INDX.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

STATE	PROJECT NO.
MISS.	SP-9392-00(003)

1 st O. REV.

DESCRIPTION OF SHEETS	WORKING NO.	SHEET NO.
SPECIAL DESIGN - ROADWAY ITEMS (110) (CONT.) ⚠1		
FLEXIBLE PIPE STANDARD	HDPE-1	96.11 *
2-LANE 2-WAY CLEAR RAISED PAVEMENT MARKERS PLACED ON SIDE ROADS	RPM-SR	96.12 *
EROSION CONTROL PLAN - SR 611 STA. 6+440 TO STA. 7+100	ECP-3	97 ⚠1
EROSION CONTROL PLAN - OLD MOBILE HWY.	ECP-3A	98 ⚠1
EROSION CONTROL PLAN - CONNECTOR ROAD	ECP-3B	99 ⚠1
EROSION CONTROL PLAN - SR 611 STA. 7+100 TO STA. 7+900	ECP-4	100 ⚠1
EROSION CONTROL PLAN - RAMP A	ECP-4A	100.01 ⚠1
EROSION CONTROL PLAN - RAMP B	ECP-4B	100.02 ⚠1
EROSION CONTROL PLAN - RAMP C	ECP-4C	100.03 ⚠1
EROSION CONTROL PLAN - RAMP D	ECP-4D	100.04 ⚠1
EROSION CONTROL PLAN - U.S. HWY. 90 (WEST BOUND LANES)	ECP-4E-L	100.05 ⚠1
EROSION CONTROL PLAN - U.S. HWY. 90 (EAST BOUND LANES)	ECP-4E-R	100.06 ⚠1
EROSION CONTROL PLAN - SHORTCUT ROAD	ECP-4F	100.07 ⚠1
EROSION CONTROL PLAN - SR 611 STA. 7+900 TO STA. 8+700	ECP-5L	100.08 ⚠1
EROSION CONTROL PLAN - SR 611 STA. 7+900 TO STA. 8+700	ECP-5R	100.09 ⚠1
EROSION CONTROL PLAN - SR 611 STA. 8+700 TO STA. 8+906	ECP-6L	100.10 ⚠1
EROSION CONTROL PLAN - SR 611 STA. 8+700 TO STA. 8+906	ECP-6R	100.11 ⚠1
TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS	ECD-1	100.12 * ⚠1
DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	100.13 * ⚠1
DETAILS OF SILT FENCE INSTALLATION	ECD-3	100.14 * ⚠1
DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-4	100.15 * ⚠1
TEMPORARY EROSION SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS	ECD-5	100.16 * ⚠1
DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	100.17 * ⚠1
DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	100.18 * ⚠1
ROCK DITCH CHECK	ECD-8	100.19 * ⚠1
ROCK DITCH CHECK WITH SUMP EXCAVATION	ECD-9	100.20 * ⚠1
INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS	ECD-10	100.21 * ⚠1
INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS	ECD-11	100.22 * ⚠1
INLET PROTECTION DETAILS OF WATTLES	ECD-12	100.23 * ⚠1
INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-13	100.24 * ⚠1
INLET PROTECTION DETAILS OF SAND BAG	ECD-14	100.25 * ⚠1
STABILIZED CONSTRUCTION ENTRANCE	ECD-15	100.26 * ⚠1
TEMPORARY CULVERT STREAM CROSSING	ECD-16	100.27 * ⚠1
TEMPORARY STREAM DIVERSION	ECD-17	100.28 * ⚠1
TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-18	100.29 * ⚠1
FLOATING TURBIDITY CURTAIN	ECD-19	100.30 * ⚠1
DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-20	100.31 * ⚠1
STANDARD DRAWINGS (67)		
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	PM-1	120
PAVEMENT MARKING LEGEND DETAILS	PM-5	124
PAVEMENT MARKING LEGEND DETAILS	PM-6	125
TYPICAL PLACEMENT OF WARNING SIGNS AND PAVEMENT MARKINGS AT R.R. - HIGHWAY GRADE CROSSINGS	PM-7	126
4-LANE TO 2-LANE TRANSITION AT INTERCHANGE	PM-8	127
EROSION CONTROL	EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES, & BRUSH BARRIER)	TEC-1	142
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)	TEC-2	143
DETAILS OF DITCH TREATMENT	DT-1	145
GUARD RAIL: "W" BEAM (WOOD POSTS)	GR-1	180
GUARD RAIL: THRIE BEAM (WOOD POSTS)	GR-1A	181
GUARD RAIL: "W" BEAM (STEEL POSTS)	GR-1B	182
GUARD RAIL: MODIFIED THRIE BEAM (STEEL POSTS)	GR-1C	183
GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	GR-4A	195
MEDIAN BARRIER: CONCRETE (PRECAST)	MB-2A	205
PROTECTIVE DEVICCE FOR RAILROAD SIGNAL	RS-1	208
STANDARD DIRECTIONAL (GUIDE) SIGNS	SN-1	220
ROUTE SHIELDS AND EXIT ONLY PANELS	SN-2	221
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STANDARD ROADSIDE SIGNS	SN-3A	223
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STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4	225
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STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION	SN-4B	227
TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS	SN-5	228
BREAK-AWAY SIGN SUPPORTS	SN-6	229
BREAK-AWAY SIGN SUPPORTS	SN-6A	230
BREAK-AWAY SIGN SUPPORTS	SN-6B	231
SIGN FACE CONSTRUCTION & ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL BEAMS (EXTRUDED ALUMINUM PANELS)	SN-7	232
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS	SN-8	233
TYPICAL INSTALLATION OF DELINEATORS	SN-8A	234

DESCRIPTION OF SHEETS	WORKING NO.	SHEET NO.
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TYPICAL GUARD RAIL DELINEATION	SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE OF TWO-WAY TRAFFIC)	TCP-1	250
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE)(WORK DAY ONLY)	TCP-2	251
4-LANE TO 2-LANE TRANSITION	TCP-6	255
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS	TCP-8	257
SHORT DURATION CLOSING OF DIVIDED HIGHWAYS	TCP-9	258
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-10	259
TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS	TCP-14	263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-15	264
RURAL DRIVEWAYS	RD-1	271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	GT-1	272
SUPERELEVATION TRANSITION-CASE I (2% NORMAL SUBGRADE)	SE-2A	276
SUPERELEVATION TRANSITION-CASE I (3% NORMAL SUBGRADE)	SE-2B	277
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SUPERELEVATION TRANSITION-CASE II (3% NORMAL SUBGRADE)	SE-2D	279
INTERCHANGE DESIGN FOR HIGH SPEED TAPERED EXIT RAMP	IR-1	283
INTERCHANGE DESIGN FOR LOOP ENTRANCE RAMP	IR-2	285
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DETAILS OF PAVED FLUMES	PF-1	291
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT 2. EXCAVATION AT GRADE POINTS	MDS-1	290
PIPE CULVERT INSTALLATION	PI-1	300
PIPE COLLAR-CONCRETE	PC-1	301
JUNCTION BOX FOR PIPE CULVERTS	JB-1	302
BRANCH CONNECTIONS	BC-1	305
TYPE I MEDIAN INLET (600-mm PIPE & UNDER)	MI-1	306
MEDIAN INLET (FLUSH WITH FORESLOPE)	MI-4	312
DETAILS OF GRATES FOR MEDIAN INLETS	IG-1	314
DETAILS OF GRATES FOR GUTTER INLETS	IG-2	315
GUTTER INLET FOR TYPE 2 CURB (OUTLET 90° TO ROADWAY)	GI-1	316
GUTTER INLET FOR TYPE 2 CURB (STORM SEWER ALONG ROAD)	GI-1A	317
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FLARED END SECTION FOR CONCRETE PIPE	FE-1	328
FLARED END SECTION FOR CONCRETE ARCH PIPE	FE-1A	329
DETAILS OF NORMAL UNDERDRAIN AND STORM DRAIN USED AS UNDERDRAIN	UD-1	331
HEADWALLS FOR CONCRETE ARCH PIPE,1:2 SLOPE,0°-15° SKEW	HWA-1200	340
CROSS SECTIONS (40)		
SR 611 - MAINLANE		901 - 920
OLD MOBILE HWY.		921 - 922
RAMP A		923 - 924
RAMP B		925 - 926
RAMP C		927 - 929
RAMP D		930 - 932
U.S. 90		933 - 936
SHORTCUT ROAD		937 - 940
SPECIAL DESIGN BRIDGES (34)		
FINAL TOTAL (303) ⚠1		

* ENGLISH STANDARD DRAWINGS

ROADWAY DESIGN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
METRIC PLAN SHEET

107

BY	DATE	REVISION	SHEET
SLH	5/10	ADDED	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX SHEET

(ROADWAY)

PROJECT NO. SP-9392-00(003)

JACKSON COUNTY

DEPARTMENT OF TRANSPORTATION METRIC MISSISSIPPI

WORKING NUMBER DI2

SHEET NUMBER 3

FILENAME: 611INDX.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

STATE	PROJECT NO.
MISS.	SP-9392-00(003)

DESCRIPTION OF SHEETS	WORKING NO.	SHEET NO.
S.R. 611 OVER C.S.X.T. R.R. & U.S. 90		
OVERPASS AT STA. 7+623.394		
S.R. 611 OVER C.S.X.T. R.R. & U.S. 90	1	466
S.R. 611 OVER C.S.X.T. R.R. & U.S. 90	2	467
FOUNDATION PLAN	3	468
FOUNDATION PLAN	4	469
GENERALIZED SOIL PROFILE	5	470
GENERALIZED SOIL PROFILE	6	471
END BENT NO. 1 DETAILS	7	472
END BENT NO. 1 DETAILS	8	473
END BENT NO. 7 DETAILS	9	474
END BENT NO. 7 DETAILS	10	475
END BENT DETAILS	11	476
INT. BENTS NO. 2 & 3 DETAILS	12	477
INT. BENTS NO. 5 & 6 DETAILS	13	478
INT. BENTS NO. 2, 3, 5 & 6 DETAILS	14	479
INT. BENT NO. 4 DETAILS	15	480
INT. BENT NO. 4 DETAILS	16	481
36 m SPAN DETAILS	17	482
36 m SPAN DETAILS	18	483
36 m SPAN DETAILS	19	484
36 m SPAN DETAILS	20	485
36 m SPAN DETAILS	21	486
36 m SPAN DETAILS	22	487
36 m SPAN NO. 3 DETAILS	23	488
36 m SPAN NO. 3 DETAILS	24	489
36 m BEAM DETAILS	25	490
MISC. SPAN DETAILS	26	491
RAILING DETAILS	27	492
36 m BEAM DETAILS	28	493
36 m BEAM DETAILS	29	494
36 m BEAM DETAILS	30	495
NEOPRENE PAD DETAILS	31	496
FINGER EXPANSION JOINT DETAILS	32	497
DRAIN DETAILS	33	498
PRESTRESSED CONCRETE PILE DETAILS	34	499

BRIDGE DIVISION REVISIONS		
DATE	SHEET NO.	BY
5/12/10	466, 467, 468	KLC
5/12/10	469, 472, 473	KLC
5/12/10	474, 475, 476	KLC

ROADWAY DESIGN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
METRIC PLAN SHEET

CWT DI-3.DGN K:971220 6-1-99

REVISION BY DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX (BRIDGE)

PROJECT NO. SP-9392-00(003)

JACKSON COUNTY

FILENAME: DI-3.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER DI3

SHEET NUMBER 4

ADDENDUM

STATE	PROJECT NO.
MISS.	SP-9392-00(003)

ROADWAY DESIGN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
METRIC PLAN SHEET

GENERAL NOTES

① FOR A LIST OF PUBLIC UTILITIES, SEE WK. SHEET NUMBER 3.

② A SOIL PROFILE, PREPARED FOR THIS PROJECT, ON SAMPLES TAKEN FROM HOLES AT LOCATIONS INDICATED IN THE TEST REPORTS IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE LIMITS OF THE TEST HOLES.

③ THE LOCATION AND SPACING OF SIGNS AS SHOWN ON THE TRAFFIC CONTROL PLANS ARE APPROXIMATE. THEY MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.

④ THE SHRINKAGE FACTOR USED ONLY FOR ESTIMATING PURPOSES IS 25%.

⑤ TYPE A MEDIAN SILT BASINS WILL BE REQUIRED UPSTREAM OF ALL MEDIAN INLETS (SEE WK. NO. TEC-2 FOR DETAILS) (NOT A SEPARATE PAY ITEM).

⑥ FLUORESCENT ORANGE WORK ZONE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.

⑦ REMOVAL OF RAISED PAVEMENT MARKERS 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 WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.

⑨ IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS, APRONS, BRIDGES, ETC. FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. EXTREME CARE SHALL BE EXERCISED IN UNDERCUT AREAS AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS, AS DIRECTED BY THE ENGINEER. 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.

⑩ THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING BRACING, SHORING, OR ANY GROUND SUPPORT SYSTEM REQUIRED TO PREVENT A FAILURE FROM OCCURRING DURING EXCAVATION. PROTECTIVE MEASURES INCLUDING THE MATERIALS AND LABOR FOR DESIGNING AND CONSTRUCTING THE FACILITY ARE NOT CONSIDERED A SEPARATE PAY ITEM.

⑪ VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

⑫ ALL BOX CULVERT JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC 6' WIDTH. (NOT A SEPARATE PAY ITEM).

⑬ FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS. (SEE ICJS-1 FOR DETAILS.)

⑭ ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHOULD COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).

⑮ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.

⑯ TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS AND STRAIGHTNESS.

⑰ THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).

⑱ ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.

⑲ THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM RESPONSIBILITY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE 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.

⑳ SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMIT, BEYOND THE E.O.P. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.

㉑ ALL EXISTING PIPES OR OTHER OBSTRUCTIONS THAT CONFLICT WITH REQUIRED CONSTRUCTION SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE AS AN ABSORBED ITEM. EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED ON EACH END WITH CONCRETE. (ABSORBED ITEM).

㉒ WHERE MILLING OF THE ROADWAY LANES IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OF STANDING WATER ON THE MILLED SURFACE (ABSORBED ITEM)

2 ㉓ A CSX RAILROAD FLAGMAN SHALL BE REQUIRED AT THE SITE OF ANY WORK BEING COMPLETED ON RAILROAD RIGHT OF WAY BY FORCES OTHER THAN CSX RAILROAD EMPLOYEES. IF ANY HAZARDOUS CONDITION OCCURS AT STATE ROUTE 611 & U.S. 90 CSX RAILROAD CROSSINGS, CALL 1-800-232-0144 AND TELL THE OPERATOR WHAT THE CONDITION IS AND THAT IT IS CROSSING I.D. 340 114A LOCATED AT MILE POST 000702.90.

㉔ DEBRIS WHICH COLLECTS ON THE BALLAST PROTECTIVE COVER TO BE PLACED OVER THE TRACK BALLAST SHALL BE REMOVED DAILY OR AS DIRECTED BY THE CSX FIELD REPRESENTATIVE.

㉕ ALL EXCAVATIONS AND FALL HAZARDS ON RAILROAD RIGHT-OF-WAY SHALL BE PROTECTED BY HANDRAILS IN CONFORMANCE WITH AREMA SPECIFICATIONS AND PRE-APPROVED BY CSX.

㉖ CONTRACTOR SHALL SUBMIT A DETAILED PROCEDURE, CRANE DATA, CALCULATIONS AND PLANS FOR ERECTING OF STRUCTURAL COMPONENTS OVER CSX RIGHT-OF-WAY. PROCEDURE SHALL INCLUDE LOAD CALCULATIONS FOR 150% CRANE BOOM CAPACITY BASED ON THE MANUFACTURERS PUBLISHED CRANE CHART, CRANE CONFIGURATION, CALCULATIONS FOR THE MAXIMUM LIFT WITH RIGGING AND PROVIDE PLAN OF CRANE LOCATIONS, SWING, ANY MOVEMENTS AND TRUCK LOCATION. THE ERECTING PROCEDURE MUST BE SUBMITTED IN ADVANCE TIME TO ALLOW FOR REVIEW/REVISION AND BEFORE ANY COMMENCEMENT OF THE PROCEDURE.

㉗ CONTRACTOR TO PROVIDE A DETAILED METHOD TO PROTECT THE RAILROAD DURING PAINTING/COATING WORK. INCLUDE METHOD TO PROTECT BALLAST AND TRAIN TRAFFIC FROM OVERSPRAY.

㉘ CSX PROJECT ENGINEER AND GEC REPRESENTATIVE SHALL BE NOTIFIED OF AND INVITED TO THE PRE-CONSTRUCTION MEETING.

㉙ FORTY-FIVE DAYS PRIOR TO ENTERING CSX RIGHT-OF-WAY, CONTRACTOR SHALL SUBMIT WRITTEN REQUEST TO CSX FOR FLAGGING SERVICES, SHALL OBTAIN CSX RIGHT OF ENTRY PERMIT AND SHALL PROVIDE PROOF OF RAILROAD PROTECTIVE LIABILITY INSURANCE.

㉚ THE DRAINAGE SWALES ALONG THE TYPICAL RAIL CROSS SECTION MUST BE MAINTAINED AND/OR GRADED IF DISTURBED. BRIDGE MOUNTED SCUPPERS OR OTHER CONVEYANCES SHALL NOT DISCHARGE ON THE CSX RIGHT-OF-WAY.

1 ㉛ **THE PLANS FOR THE WATERLINE RELOCATION AT THE U.S. 90 INTERCHANGE ARE NOT INCLUDED BUT ARE AVAILABLE UPON REQUEST.**

REVISION	DATE	BY
ADDED GENERAL NOTE	7/6/18	SLH
REVISED GENERAL NOTE	07/12/18	JCR

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES (ROADWAY)
PROJECT NO. SP-9392-00(003)
JACKSON COUNTY

WORKING NUMBER: GN-1
SHEET NUMBER: 5

FILENAME: 611INDX.DGN
DESIGN TEAM _____ CHECKED _____ DATE _____