FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	STP-0213-00(026)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

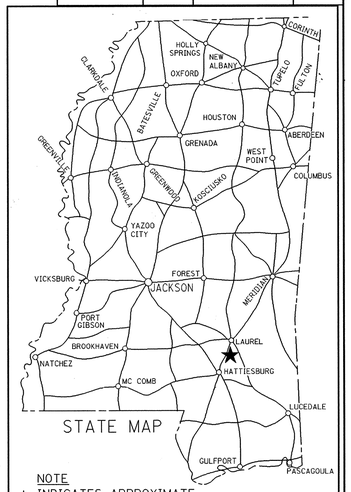
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP-0213-00(026)

102965/301000 CON

SR 590 FROM US 11 TO SR 29
JONES COUNTY

SCALES

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



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 31° 35' N LONG. 89° 12' W
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

55 MPH = V (SPEED DESIGN)

ADT (2010) = 5700 : ADT (2030) = 10,000

DHV = 1,100 : D = 50 % T= 8 %

PERMITS ACQUIRED BY MDOT

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

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

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

STORMWATER PERMIT Y

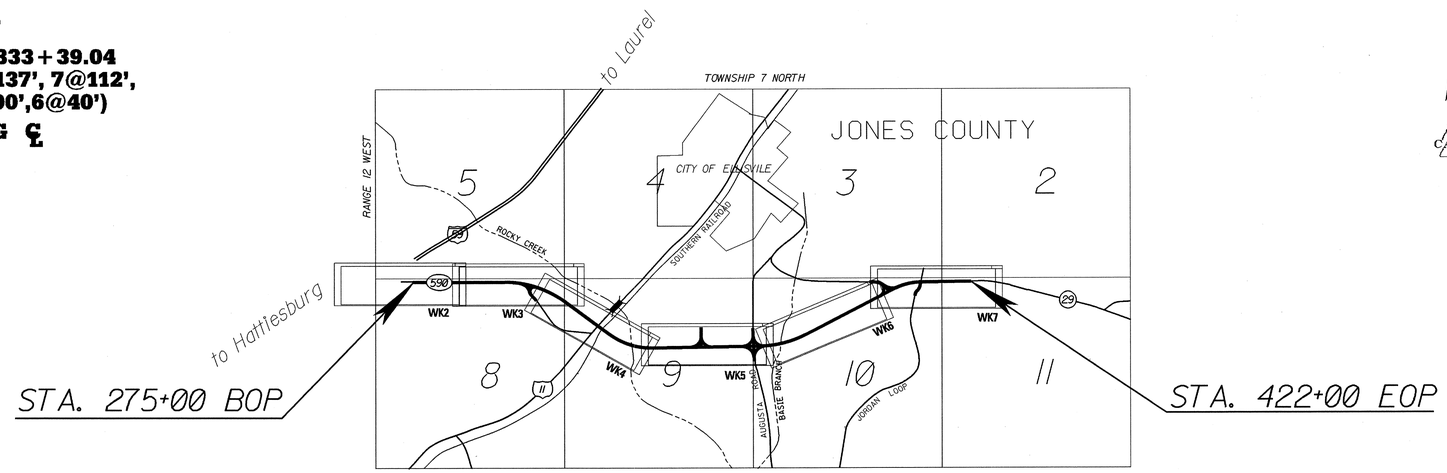
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: SCT DATE: 07/30/10

BRIDGE STRUCTURES REQ'D.

① STA.313+91.13 TO STA.333+39.04
SPANS ARR. (4@112', 2@137', 7@112', 2@100',6@40')
1,947.91' LENGTH ALONG ℄

BOX BRIDGE'S REQ'D.



CADD

EQUATIONS

EXCEPTIONS

NONE

NOTES

COORDINATES DERIVED FROM GPS SURVEY TIED TO:
NAD'83(93) MS EAST ZONE

Control Station NGS STATION	NORTH (FT)	EAST (FT)
LUL AP 1965 STA B	788,674.676	880,717.314
PIB ARP 1974	715,838.690	827,435.039

All azimuths and distances are NAD'83(93) MS East Zone GRID values
All elevations are NAVD 88

CONVERSION VALUES

GRID TO GROUND FACTOR 1.000041194

Grid to Geodetic Azimuth -00°11'15.9"

98

CONVENTIONAL SYMBOLS

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

LENGTH DATA

LENGTH OF ROADWAY	12,752.09 FT.	2.415 MI.
LENGTH OF BRIDGES	1947.91 FT.	0.369 MI.
LENGTH OF PROJECT (NET)	14,700.00 FT.	2.784 MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)		2.784 MI.

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 the following station limits:
STA. 299+55.982 to STA. 319+13.055
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 dated 26th day of September, 2006 in minute book 12, page 1218, and authorized under section 65-1-10(l) MCA (1972, as amended).

APPROVED: 7/29/10
CHIEF ENGINEER DATE

7/28/10
EXECUTIVE DIRECTOR DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

DATE	REVISIONS	BY

f965-301-5901-11fe590.dgn
Program: MDOT_CONSTRUCTION_SECTION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

STATE	PROJECT NO.
MISS.	STP-0213-00(026)

1 st O. REV.

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (4)		
DETAILED INDEX	DI-1	2
DETAILED INDEX	DI-2	3
DETAILED INDEX - BRIDGE	DI-3	4
GENERAL NOTES	GN-1	5
TYPICAL SECTION SHEETS (11)		
TYPICAL SECTION - S.R. 590 NEW CONSTRUCTION, MILLING, WIDENING & OVERLAY	TS-1	6
TYPICAL SECTION - S.R. 590 NEW CONSTRUCTION (HIGH VOLUME CHANGE SOILS)	TS-2	7
TYPICAL SECTION - LOCAL ROAD JONE JUNIOR COLLEGE ROAD	TS-3	8
TYPICAL SECTION - HWY. 11 RAMP STA.299+50 TO STA.301+11	TS-4	9
TYPICAL SECTION - HWY. 11 RAMP CONNECTION STA.301+11(+/-) TO STA.309+00		
AND HWY. 29 RAMP CONNECTION STA.553+00 TO STA.559+00	TS-5	10
TYPICAL SECTION - AUGUSTA ROAD STA.8+14(+/-) TO STA.11+74(+/-)	TS-6	11
TYPICAL SECTION -AUGUSTA ROAD STA.5+00 TO STA.8+17(+/-)		
AND STA.11+74(+/-) TO STA.14+00	TS-7	12
TYPICAL SECTION - HWY.29 RAMP STA.547+87 TO STA.549+71(HIGH VOLUME CHANGE SOIL)	TS-8	13
TYPICAL SECTION - HWY.29 RAMP STA.549+71(+/-) TO STA.553+00(HIGH VOLUME CHANGE SOIL)	TS-9	14
TYPICAL SECTION - LOCAL ROADS JONES LOOP AND PINE ST. EXT.	TS-10	15
TYPICAL SECTION - CONTRCTION & REMOVAL OF DETOUR ROAD	TS-11	16
QUANTITY SHEETS (16)		
SUMMARY OF QUANTITIES	SQ-1	17
SUMMARY OF QUANTITIES	SQ-2	18
SUMMARY OF QUANTITIES	SQ-3	19
SUMMARY OF QUANTITIES	SQ-4	19.1
SUMMARY OF QUANTITIES - BRIDGE	SQ-5	20
ESTIMATED QUANTITIES - BOX BRIDGE & BRIDGE END PAVEMENT	EQ-1	21
ESTIMATED QUANTITIES - GUARD RAIL, TEMP. GUARD RAIL & SILT BASINS	EQ-2	22
ESTIMATED QUANTITIES - RAMPS REQUIRED & SIDE DRAINS	EQ-3	23
ESTIMATED QUANTITIES - ESTIMATED EARTHWORKS	EQ-4	24
ESTIMATED QUANTITIES - REMOVAL OF PIPES & REMOVAL OF PAVEMENT	EQ-5	25
ESTIMATED QUANTITIES - SUMMARY OF PAVEMENT MARKING	EQ-6	26
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS	EQ-7	27
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN QUANTITIES	SRS-1	28
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN QUANTITIES	SRS-2	29
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN QUANTITIES	SRS-3	30
ESTIMATED QUANTITIES - BRIDGES	EQ-8	31
PLAN & PROFILE SHEETS (17)		
MAINLINE S.R. 590 STA.275+00 TO STA.279+00	WK2	32
MAINLINE S.R. 590 STA.279+00 TO STA.309+00	WK3	33
RAMP TO AND FROM US HWY. 11 STA.300+00 TO STA.312+00	WK3A	34
MS POWER RAMP STA.0+00.00 TO STA.1+00.00	WK3B	34.1
MAINLINE S.R. 590 STA.309+00 TO STA.339+00	WK4	35
U.S. HWY. 11 STA.383+00 TO STA.392+00	WK4A	36
RAILROAD ADJACENT TO HWY. 11 (WEST RAIL)	WK4B	37
RAILROAD ADJACENT TO HWY. 11 (EAST RAIL)	WK4C	37.1
MAINLINE S.R. 590 STA.339+00 TO 369+00	WK5	38
LOCAL RD. JONES CO. COMMUNITY COLLEGE RD. STA.10+00 TO STA.26+00	WK5A	39
LOCAL RD. AUGUSTA RD. STA.5+00 TO STA.15+00	WK5B	40
MAINLINE S.R. 590 STA.369+00 TO STA.399+00	WK6	41
MAINLINE S.R. 590 STA.399+00 TO STA.429+00	WK7	42
RAMP TO AND FROM HWY. 29 STA.547+00 TO STA.559+00	WK7A	43
LOCAL RD. JORDAN LOOP STA.10+25 TO STA.20+00	WK7B	44
LOCAL RD. PINE STREET EXTENSION	WK7C	45
DETOUR ROAD HWY. 590 STA.407+00 TO STA.420+00	WK7D	46
SPECIAL DESIGN - ROADWAY SHEETS (98)		
VEGETATION SCHEDULE	VS-1	47
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN)	TEC-D	48
MISCELLANEOUS CONSTRUCTION DETAILS	MD-1	49
MISCELLANEOUS CONSTRUCTION DETAILS	MD-2	50
MISCELLANEOUS CONSTRUCTION DETAILS	MD-3	51
RUMBLE STRIPS	RS-1	52
RIGHT OF WAY MARKERS	RW-1	53
DITCH TREATMENT - INSTALLATION DETAIL FOR SOIL REINFORCING MAT	DT-1A	54

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
DETAIL OF INTERSECTION STA.304+65. HWY.590 (HWY. 11 RAMP @ 590)	DOI-1	55
DETAIL OF INTERSECTRION AT STA.352+02.87 HWY. 590 (JONES COMMUNITY COLLEGE RD.)	DOI-2	56
DETAIL OF INTERSECTION AT STA.364+25.94 HWY. 590 (SUGUSTA RD.)	DOI-3	57
DETAIL OF INTERSECTION AT STA.401+50 HWY. 590 (RAMP 29)	DOI-4	58
DETAIL OF INTERSECTION AT STA.414+66.00 HWY. 590 (JORDAN LOOP & PINE ST.)	DOI-5	58.1
CONSTUCTION SIGNING	CS-1	59
LOCATION OF R16-3 SIGNS	LOC-R16	60
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	61
SEQUENCE OF CONSTRUCTION	SOC-1	62
PHASE OF CONSTRUCTION - PHASE I AT B.O.P.	POC-1	63
PHASE OF CONSTRUCTION - PHASE I AT JONES COMMUNITY COLLEGE	POC-2	64
PHASE OF CONSTRUCTION - PHASE I AT AUGUSTA ROAD	POC-3	65
PHASE OF CONSTRUCTION - PHASE I AT E.O.P.	POC-4	66
PHASE OF CONSTRUCTION - PHASE II B.O.P. TO E.O.P.	POC-5	67
PHASE OF CONSTRUCTION - PHASE III AT B.O.P.	POC-6	68
PHASE OF CONSTRUCTION - PHASE III AT E.O.P.	POC-7	69
PAVEMENT MARKING DETAILS (STA.275+00 TO STA.299+00 HWY. 590)	PMD-1	70
PAVEMENT MARKING DETAILS (STA.299+00 TO STA.312+00 HWY. 590	PMD-2	71
AND STA.299+56 TO STA.309+00 HWY.11 RAMP)		
PAVEMENT MARKING DETAILS (STA.312+00 TO STA.324+00 HWY. 590)	PMD-3	72
PAVEMENT MARKING DETAILS (STA.324+00 TO STA.337+00 HWY. 590)	PMD-4	73
PAVEMENT MARKING DETAILS (STA.337+00 TO STA.349+00 HWY. 590)	PMD-5	74
PAVEMENT MARKING DETAILS (STA.349+00 TO STA.361+00 HWY. 590	PMD-6	75
AND STA10+00 TO STA.14+75 JONES COMMUNITY COLLEGE RD.)		
PAVEMENT MARKING DETAILS (STA.361+00 TO STA.375+00 HWY. 590 AND	PMD-7	76
STA.3+50.66 TO STA.15+00 AUGUSTA RD.)		
PAVEMENT MARKING DETAILS (STA.373+00 TO STA.385+00 HWY. 590)	PMD-8	77
PAVEMENT MARKING DETAILS (STA.385+00 TO STA.398+00 HWY. 590)	PMD-9	78
PAVEMENT MARKING DETAILS (STA.398+00 TO STA.403+00 HWY. 590 AND	PMD-10	79
AND STA.547+87 TO STA.560+00 RAMP 29)		
PAVEMENT MARKING DETAILS (STA.403+00 TO STA.416+00 HWY. 590)	PMD-11	80
PAVEMENT MARKING DETAILS (STA.403+00 TO STA.416+00. E.O.P. HWY 590)	PMD-12	81
BRIDGE END PAVEMENT WITH RAIL AND OVERLAY	BE-1C	82
GUARD RAIL: BRIDGE END SECTION TYPE "I" (WOOD POSTS)	GR-2F	83
GUARD RAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS)	GR-2G	84
43.5" BRIDGE END PAVEMENT RAIL	BE-PR-1C	85
GUARDRAIL: RUB RAIL HARDWARE SHEET	GR-RR	86
SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V ≤ 40 mph)	SDSE-1	87
SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)	SDSE-2A	88
SUPEREVEVATION TRANSITION CASE I ROTATION ABOUT CENTERLINE (URBAN		
FACILITY, V=50 mph)	SDSE-2E	89
FORM GRADE AT STA.304+41.65	FG-1	90
FORM GRADE AT STA.352+02.87	FG-2	91
FORM GRADE AT STA.364+25.94	FG-3	92
FORM GRADE AT STA.401+50	FG-4	93
RIGHT OF WAY COORDINATES	ROWC-1	94
RIGHT OF WAY COORDINATES	ROWC-2	95
2-LANE 2-WAY CLEAR RAISED PAVEMENT MARKERS PLACED ON SIDE ROADS	CRPMSR	96
PERMANENT SIGNING PLANS STA.295+75 - STA.311+50 HWY 590		
AND STA.295+75 - STA.311+50 HWY 11 RAMP	PSP-1	97
PERMANENT SIGNING PLANS STA.313+14 - STA.319+12 HWY 11 RAMP		
AND STA.387+00 - STA.401+00 HWY 11	PSP-2	98
PERMANENT SIGNING PLANS STA.324+00 - STA.314+50 HWY 590	PSP-3	99
PERMANENT SIGNING PLANS STA.341+50 - STA.357+50 HWY 590	PSP-4	100
PERMANENT SIGNING PLANS STA.341+50 - STA.373+00 HWY 590	PSP-5	100.1
PERMANENT SIGNING PLANS STA.392+00 - STA.408+00 HWY 590	PSP-6	100.2
AND STA.547+87 - STA.556+22 HWY 29 RAMP	PSP-7	100.3
PERMANENT SIGNING DETAILS S.R. 590	PSD-1	100.4

98

SMITH

PS & E PLANS-DATE 07-20-2010		
FMS CON. # 102965-301000		
REVISIONS		
DATE	SHEET NO.	BY
11-23-10	39	D.S.
04-12-11	19,19.1,26,71,72 & 73	D.S.
04-28-11	17 AND 18	D.S.

DATE | REVISION | BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. STP-0213-00(026)
COUNTY : JONES

WORKING NUMBER DI-1

SHEET NUMBER 2

FILENAME: di-1.dgn
DESIGN TEAM smith CHECKED DATE

PLAN
ROADWAY DESIGN DIVISION C.A.D.D. SECTION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

STATE	PROJECT NO.
MISS.	STP-0213-00(026)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
SPECIAL DESIGN - ROADWAY SHEETS			
EROSION CONTROL SHEET 590		ECP2	100.5
EROSION CONTROL SHEET 590		ECP3	100.6
ECS RAMP TO/FROM US 11		ECP3A	100.7
ECS MS POWER RAMP		ECP3B	100.8
EROSION CONTROL SHEET 590		ECP4	100.9
ECS US HIGHWAY 11		ECP4A	100.10
ECS RAILROAD ADJACENT TO US 11		ECP4B	100.11
EROSION CONTROL SHEET 590		ECP5	100.12
ECS JONES COMMUNITY COLLEGE RD		ECP5A	100.13
ECS AUGUSTA ROAD		ECP5B	100.14
EROSION CONTROL SHEET 590		ECP6	100.15
EROSION CONTROL SHEET 590		ECP7	100.16
ECS RAMP TO/FROM HWY 29		ECP7A	100.17
ECS JORDAN LOOP		ECP7B	100.18
ECS PINE STREET EXTENSION		ECP7C	100.19
ECS DETOUR ROAD - HIGHWAY 590		ECP7D	100.20
SPECIAL DESIGN EROSION CONTROL SHEETS ECD-1 TO ECD-20.		ECD-1 TO	100.21 TO
		ECD-20	100.40
TYPICAL TEMPORARY EROSOIN CONTROL MEASURES (SLOPE			
DRAIN AND TYPE A SILT BASIN)		TEC-2	100.41
EROSION CONTROL MEASURES : TYPE "C1"		TEC-C1	100.42
EROSION CONTROL MEASURES : TYPE "C2		TEC-C2	100.43
STANDARD DRAWINGS - ROADWAY SHEETS (30)			
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	12-01-99	PM-1	120
PAVEMENT MARKING DETAILS FOR 4 & 5-LANE DIVIDED ROADWAYS	12-01-99	PM-2	121
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
EROSION CONTROL		EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN)	10-01-99	TEC-3	144
GUARD RAIL : "W" BEAM (WOOD POSTS)	03-01-02	GR-1	180
GUARD RAIL : THRIE BEAM (WOOD POSTS)	03-01-02	GR-1A	181
GUARD RAIL : "W" BEAM (STEEL POSTS)	03-01-02	GR-1B	182
GUARD RAIL : THRIE BEAM (STEEL POSTS)	03-01-02	GR-1C	183
GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES			
FOR 2-LANE, 2-WAY HIGHWAY	12-01-99	GR-4A	195
GUARD RAIL : MISCELLANEOUS HARDWARE	03-01-02	GR-HW	202
TYPICAL GUARD RAIL DELINEATION	03-01-02	SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE OF TWO			
WAY TRAFFIC		TCP-1	250
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION			
PROJECTS		TCP-10	259
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS			
AND TWO-LANE ROADS	12-01-99	TCP-11	260
TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS		TCP-14	263
TEMPORARY STRIPING	12-01-99	TCP-15	264
RURAL DRIVEWAYS		RD-1	271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	272
DRIVEWAYS, CURB & GUTTER, & SIDEWALK		SD-1	287
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT			
2. EXCAVATION AT GRADE POINTS		MDS-1	290
DETAILS OF PAVED FLUMES		PF-1	291
PIPE CULVERT INSTALLATION		PI-1	300
PIPE COLLAR - CONCRETE		PC-1	301
JUNCTION BOX FOR PIPE CULVERTS		JB-1	302
JUNCTION BOX FOR BOX CULVERT TO CONCRETE ARCH PIPE		JB-1A	303
BRANCH CONNECTIONS		BC-1	305
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328
FLARED END SECTION FOR CONCRETE ARCH PIPE		FE-1A	329
HEADWALLS FOR CONCRETE PIPE 3:1 SLOPE - 0° - 15° SKEW		HW-3100	343

DESCRIPTION OF SHEET	REVISION	WKG. NO.	SH. NO.
STANDARD DRAWINGS - BRIDGE SHEETS (14)			
BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL &			
SKEWED CULVERTS GROUP I DIAGRAMS		IBJL-1	366.1
COLLAR DETAILS FOR BOX STRUCTURES		ICJ-1	367
SKEWED COLLAR DETAILS FOR BOX STRUCTURES		ICJS-1	368
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 6 FT. -			
SPANS - 6-20 FT.		IBS-6-2W	370.1
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 6 FT. -			
SPANS - 6-20 FT.		IBS-6-2W	370.2
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 8 FT. -			
SPANS - 8-20 FT.		IBS-8-2W	371.1
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 8 FT. -			
SPANS - 8-20 FT.		IBS-8-2W	371.2
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL -			
HEIGHT 6-12 FT. - SPANS 6-24 FT.		IWS-3	374
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL -			
HEIGHT 6-12 FT. - SPANS 6-24 FT.		IWS-3	375.1
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL -			
HEIGHT 6-12 FT. - SPANS 6-24 FT.		IWS-3	375.2
BOX CULVERT DRAWING - 15 DEG. SKEW DETAILS - WINGS WITH 3:1			
SLOPE - SINGLE & DOUBLE CELL CULVERTS		ISK-15-3W	397.1
BOX CULVERT DRAWING - 15 DEG. SKEW DETAILS - WINGS WITH 3:1			
SLOPE - SINGEL & DOUBLE CELL CULVERTS		ISK-15-3W	397.2
BOX CULVERT DRAWING - 30 DEG. SKEW DETAILS - WINGS WITH 3:1			
SLOPE - SINGLE & DOUBLE CELL CULVERTS		ISK-30-3W	400.1
BOX CULVERT DRAWING - 30 DEG. SKEW DETAILS - WINGS WITH 3:1			
SLOPE - SINGLE & DOUBLE CELL CULVERTS		ISK-30-3W	400.2
SPECIAL DESIGN - BRIDGE SHEETS (59)			466-524
CROSS SECTIONS (61)			
MAINLINE FACILITY HWY. 590 - STA.285+00 TO STA418+00			901-939
RAMP TO AND FROM HWY. 11 - STA.300+00 TO STA.314+00			940-941
JONES CO. COMMUNITY COLLEGE RD. - STA.11+00 TO STA.22+00			942-944
AUGUSTA ROAD - STA.5+00 TO STA.14+00			945-946
RAMP TO AND FROM HWY. 29 - STA.548+00 TO STA.559+00			947-949
JORDAN LOOP - STA.11+00 TO STA.20+00			950-951
PINE STREET EXTENSION - STA.10+50 TO STA.15+00			952
DETOUR ROAD HWY. 590 - STA.406+50.57 TO STA.420+92.51			953-956
MS POWER RAMP STA.0+00.00 TO STA.1+00.00			957
RAILROAD ADJACENT TO HWY. 11			958-961
TOTAL SHEETS - 311			

98

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. STP-0213-00(026)
COUNTY : JONES

BY | REVISION | DATE

FILENAME: di-1.dgn
DESIGN TEAM smith CHECKED DATE

WORKING NUMBER DI-2

SHEET NUMBER 3

PLAN
ROADWAY DESIGN DIVISION C.A.D.D. SECTION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

STATE	PROJECT NO.
MISS.	STP-0213-00(026)

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 313+91.13		
SR 590 EXTENTSION FROM U.S. HWY. 11 TO MS HWY 29	1 OF 59	466
SR 590 EXTENTSION FROM U.S. HWY. 11 TO MS HWY 29	2 OF 59	467
SR 590 EXTENTSION FROM U.S. HWY. 11 TO MS HWY 29	3 OF 59	468
SR 590 EXTENTSION FROM U.S. HWY. 11 TO MS HWY 29	4 OF 59	469
SR 590 EXTENTSION FROM U.S. HWY. 11 TO MS HWY 29	5 OF 59	470
FORM GRADE DETAILS	6 OF 59	471
GENERALIZED SOIL PROFILE	7 OF 59	472
GENERALIZED SOIL PROFILE	8 OF 59	473
GENERALIZED SOIL PROFILE	9 OF 59	474
GENERALIZED SOIL PROFILE	10 OF 59	475
END BENT NO. 1 DETAILS	11 OF 59	476
END BENT NO. 1 DETAILS	12 OF 59	477
END BENT NO. 22 DETAILS	13 OF 59	478
END BENT NO. 22 DETAILS	14 OF 59	479
INT. BENTS NO 2-4 DETAILS	15 OF 59	480
INT. BENTS NO. 5 & 7 DETAILS	16 OF 59	481
INT. BENTS NO. 5 & 7 DETAILS	17 OF 59	482
INT. BENT NO. 6 DETAILS	18 OF 59	483
INT. BENT NO. 6 DETAILS	19 OF 59	484
INT. BENT NO. 8 DETAILS	20 OF 59	485
INT. BENT NO. 9 DETAILS	21 OF 59	486
INT. BENT NO. 10 DETAILS	22 OF 59	487
INT. BENTS NO. 11 & 13 DETAILS	23 OF 59	488
INT. BENT NO. 12 DETAILS	24 OF 59	489
COLLAR DETAILS	25 OF 59	490
INT. BENT NO. 14 DETAILS	26 OF 59	491
INT. BENT NO. 15 DETAILS	27 OF 59	492
INT. BENT NO. 16 DETAILS	28 OF 59	493
INT. BENTS NO. 17 & 18 DETAILS	29 OF 59	494
INT. BENTS NO. 19 - 21 DETAILS	30 OF 59	495
112 FT. SPANS NO. 1-4 DETAILS	31 OF 59	496
112 FT. SPAN NO. 1 DETAILS	32 OF 59	497
112 FT. SPAN NO. 2 DETAILS	33 OF 59	498
112 FT. SPANS NO. 3-4 DETAILS	34 OF 59	499
137 FT. SPANS NO. 5 & 6 DETAILS	35 OF 59	500
137 FT. SPANS NO. 5 & 6 DETAILS	36 OF 59	501
137 FT. SPANS NO. 5 & 6 DETAILS	37 OF 59	502
112 FT. SPANS NO. 7-13 DETAILS	38 OF 59	503
112 FT. SPAN NO. 7 DETAILS	39 OF 59	504
112 FT. SPAN NO. 8 DETAILS	40 OF 59	505
112 FT. SPAN NO. 9 DETAILS	41 OF 59	506
112 FT. SPAN NO. 10 DETAILS	42 OF 59	507
112 FT. SPANS NO. 11-13 DETAILS	43 OF 59	508
100 FT. SPANS NO. 14-15 DETAILS	44 OF 59	509
100 FT. SPANS NO. 14-15 DETAILS	45 OF 59	510
40 FT. SPANS NO. 16-21 DETAILS	46 OF 59	511
40 FT. SPANS NO. 16-20 DETAILS	47 OF 59	512
40 FT. SPAN NO. 21 DETAILS	48 OF 59	513
MISCELLANEOUS SPAN DETAILS	49 OF 59	514
2'-8" RAILING DETAILS	50 OF 59	515

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
112 FT. BEAM DETAILS BEAMS NO. 112-1 THRU 112-13 (BT-63) (END AND INT. SPANS)	51 OF 59	516
137 FT. BEAM DETAILS (INT. SPAN) BEAM NO. 137-1 (BT-72)	52 OF 59	517
100 FT. BEAM DETAILS (INT. SPANS) BEAMS NO. 100-1 THRU 100-6 (TYPE IV)	53 OF 59	518
40 FT. BEAM DETAILS BEAMS NO. 40-1 THRU 40-6 (TYPE I+2)	54 OF 59	519
BEARING ASSEMBLY, BEAM DIMENSIONS, & PAD DETAILS	55 OF 59	520
PAD PLACEMENT DETAILS	56 OF 59	521
BEAM BEVEL DETAILS	57 OF 59	522
PRESTRESSED CONCRETE PILES DETAILS	58 OF 59	523
TRIAL SHAFT DETAILS	59 OF 59	524

BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY

BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX (BRIDGE)	
REVISIONS	PROJECT 102965/301000 STP-0213-00(026) JONES COUNTY	WORKING NUMBER DI-2
DATE	DESIGNED MLS DETAILED MLS TRACED CADD CHECKED PTD ISSUED MKC DATE 2/17/10	SHEET NUMBER 4

STATE	PROJECT NO.
MISS.	BR-0022-01(046)

GENERAL NOTES

1. LIST OF PUBLIC UTILITIES

A. COMCAST CABLE
1225 W 5TH ST
LAUREL, MS 39440
601-579-3980

B. DIXIE ELECTRIC POWER ASSOCIATION
1863 HWY 1-84E
LAUREL, MS 39443
601-425-2535

C. JONES COUNTY JUNIOR COLLEGE
900 SOUTH COURT STREET
ELLISVILLE, MS 39437
601-477-4161

D. CENTERPOINT ENERGY ENTEX
26 MASON STREET
LAUREL, MS 39440
601-425-1461

E. GULFSOUTH PIPELINE
111 PARKPLACE SUITE 100
COVINGTON, LA 70433
985-898-1032

F. AT&T
P.O. BOX 1191
HATTIESBURG, MS 39401
601-765-0181

G. MS POWER CO.
P.O. BOX 1271
HATTIESBURG, MS 39401
601-545-4091

H. CITY OF ELLISVILLE
(WATER & SEWER)
ELLISVILLE, MS 39437
601-477-3323
601-649-5900 (CHARLES N CLARK ENGINEERS)

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

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

4. 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

5. 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 SHOULD 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.

6. 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.

7. EXISTING 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 CANNOT 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.

8. THE CLEANING LIMITS ADJACENT TO THE STREAMS(S) AT CL STATION(S) 328+40,328+90,342+00,372+50,394+10 & 519+00 EQUATION, WILL BE LIMITED TO NO FURTHER THAN TEN(10) FEET OUTSIDE THE CONSTRUCTION LIMITS WHEN ANY CLOSER TO THE STREAM THAN FIFTY(50) FEET FROM THE TOP OF THE BANKS.

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 THE EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE 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 STRUCTURE ADJACENT TO THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

10. FLUORESCENT ORANGE 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.

11. REMOVAL OF RAISED PAVEMENT MARKERS NOT A SEPARATE PAY ITEM.

12. ALL PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC, 24" WIDTH. ALL PICKUP HOLES ARE TO BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC TO THE SATISFACTION OF THE ENGINEER (NOT A SEPARATE PAY ITEM).

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

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

15. TEMPORARY STRIPING SHALL CONFORM TO FINISH STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.

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

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

18. 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 U.S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION.

19. FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS (SEE WK. NO. ICJ-1 DETAILS)

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

21. ALL TOPSOIL SHALL BE STRIPPED AND STOCKPILED IN ACCORDANCE WITH SECTION 211 OF THE STANDARD SPECIFICATIONS. AFTER COMPLETION OF EXCAVATION AND EMBANKMENT CONSTRUCTION, ALL SLOPES SHALL BE UNIFORMLY PLATED AND SHALL BE VERTICALLY TRACKED AT PLACEMENT WITH STOCKPILED TOPSOIL.

22. THE "ONE CALL" SERVICES WILL NOT LOCATE BURIED RAILROAD SIGNAL AND COMMUNICATIONS LINES. THE CONTRACTOR SHALL CONTACT THE RAILROAD'S REPRESENTATIVE TWO DAYS IN ADVANCE OF THOSE PLACES WHERE EXCAVATION, PILE DRIVING, OR HEAVY LOADS MAY DAMAGE RAILROAD UNDERGROUND LINES ON RAILROAD PROPERTY. UPON REQUEST FROM THE CONTRACTOR OR AGENCY, RAILROAD SIGNAL FORCES WILL LOCATE AND PAINT MARK OR FLAG RAILROAD UNDERGROUND SIGNAL, COMMUNICATION, AND POWER LINES IN THE AREA TO BE DISTURBED FOR THE CONTRACTOR. THE CONTRACTOR SHALL AVOID EXCAVATION OR OTHER DISTURBANCE OF THESE LINES WHICH ARE CRITICAL TO THE SAFETY OF THE RAILROAD AND THE PUBLIC. IF DISTURBANCE OR EXCAVATION IS REQUIRED NEAR A BURIED RAILRAOD SIGNAL, COMMUNICATION, OR POWER LINE, THE LINE SHALL BE POTHOLED MANUALLY WITH CAREFUL HAND EXCAVATION BY THE CONTRACTOR AND PROTECTED BY THE CONTRACTOR DURING THE COURSE OF THE DISTURBANCE UNDER THE SUPERVISION AND DIRECTION OF A RAILROAD SIGNAL REPRESENTATIVE. THE CONTRACTOR MAY REQUEST THE NAME AND PHONE NUMBER OF THE AFOREMENTIONED RAILROAD CONTACT FROM MR. E.L. JACKSON OF NS.

					BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
					REVISION	**GENERAL NOTES**
						PROJ. NO.:STP-0213-00(026)
						COUNTY: JONES
					DATE	FILENAME: GN-1.DGN
						DESIGN TEAM smith CHECKED DATE

WORKING NUMBER
GN-1

SHEET NUMBER
5

PLAN
ROADWAY DESIGN DIVISION C.A.D.D. SECTION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION