FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	HSIP–0022–01(056)	1

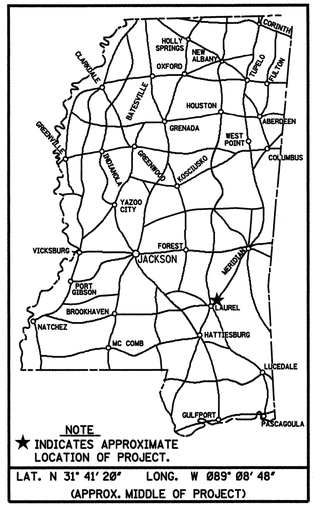
STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SIGNAL UPGRADE AND GEOMETRIC IMPROVEMENTS
STATE HIGHWAY
FEDERAL AID PROJECT NO. HSIP–0022–01(056)

S.R. 15 IN LAUREL
AT U.S. 84
JONES COUNTY

FMS CONST. 103289/301000

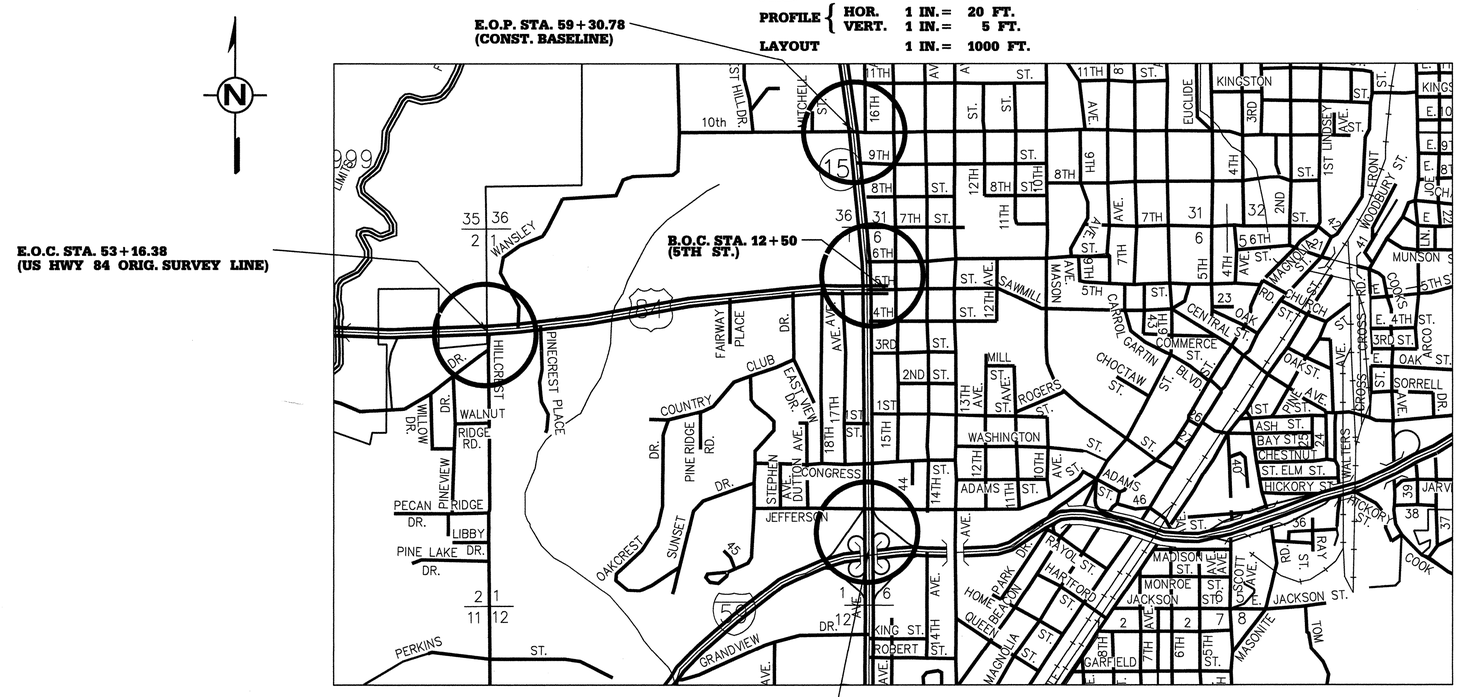


NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. N 31° 41′ 20″ LONG. W 089° 08′ 48″
(APPROX. MIDDLE OF PROJECT)

SCALES

PLAN		1 IN. = 20 FT.
PROFILE	HOR.	1 IN. = 20 FT.
	VERT.	1 IN. = 5 FT.
LAYOUT		1 IN. = 1000 FT.



CONVENTIONAL SYMBOLS

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

EXCEPTIONS

LENGTH DATA

LENGTH OF ROADWAY	5893	FT.	1.12	MI.
LENGTH OF BRIDGES		FT.		MI.
LENGTH OF PROJECT (NET)	5893	FT.	1.12	MI.
LENGTH OF EXCEPTIONS	0	FT.	0	MI.
LENGTH OF PROJECT (GROSS)	5893	FT.	1.12	MI.

DESIGN CONTROL
45 MPH = V (SPEED DESIGN)
ADT (2005) = 30,000 : ADT (2025) = 54,000
DHV = 5400 : D = 50 % T= 6 %

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 N

Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES +)(NTB 6484)
S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 6483)
N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: JCR DATE: 01/14/10

110

REVISIONS | BY | DATE

APPROVED:
CHIEF ENGINEER — DATE 1/14/10
EXECUTIVE DIRECTOR — DATE 1/14/10
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR — DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/5/2010 07:52:35 TITLE.DGN

1 st O. REV.

STATE	PROJECT NO.
MISS.	STP-0022-01(056)

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
TITLE SHEET (1)			1
DETAILED INDEX (2)		DI-1	2
		DI-2	3
GENERAL NOTES (1)		GN-1	4
TYPICAL SECTION (7)⚠			
TYPICAL SECTION - S.R. 15 - I-59 TO CONGRESS ST. (STA. 5+21.49 TO STA. 12+71.46)		TYP-1	5
TYPICAL SECTION - S.R. 15 (WIDENING AND ASPHALT OVERLAY)		TYP-2	6
STA. 28+80 - STA. 33+80			
STA. 40+48.69 - STA. 45+48.69			
TYPICAL SECTION - S.R. 15 - 5th ST. (WIDENING AND ASPHALT OVERLAY)		TYP-3	7
STA. 45+28.33 - STA. 46+22.56			
STA. 46+22.56 - STA. 46+61.77			
TYPICAL SECTION - U.S. HWY 84 (WIDENING AND ASPHALT OVERLAY)		TYP-4	8
STA. 12+43.57 TO STA. 21+99.88			
TYPICAL SECTION - S.R. HWY 15, U.S. HWY 84 (WIDENING, MILLING, & STONE MATRIX OVERLAY)		TYP-5	9
ASPHALT TO CONCRETE PAVEMENT TRANSITION DETAIL (U S HWY 84)		TYP-6	10
⚠ASPHALT TO CONCRETE PAVEMENT TRANSITION DETAIL (S R 15)		TYP-7⚠	10.01⚠
QUANTITY SHEETS (16)⚠			
SUMMARY OF QUANTITIES		SQ-1	11
SUMMARY OF QUANTITIES		SQ-2	12
SUMMARY OF QUANTITIES		SQ-3	13
SUMMARY OF QUANTITIES		SQ-4	13.1
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES		EQ-1	14
ESTIMATED QUANTITIES - PERMANENT PAVEMENT MARKINGS, DRIVEWAYS		EQ-2	15
ESTIMATED QUANTITIES - EARTHWORK, CURB & GUTTER		EQ-3	16
ESTIMATED QUANTITIES - REMOVAL ITEMS		EQ-4	17
ESTIMATED QUANTITIES - REMOVAL ITEMS		EQ-4.1	18
ESTIMATED QUANTITIES - JUNCTION BOX COVERS & JUNCTION BOXES REQ'D		EQ-5	19
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS		EQ-6	20
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS		EQ-7	21
ESTIMATED QUANTITIES - ITS ITEMS		EQ-8	21.1
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGN QUANTITIES		SRS-1	22
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS		SRS-2	23
ESTIMATED QUANTITIES - DIRECTIONAL SIGNING		DS-1	24
PLAN AND PROFILE SHEETS (12)			
S.R. HWY 15 -- I-59 TO CONGRESS STREET (STA. 5+21.49 TO STA. 8+00)		3	25
S.R. HWY 15 -- I-59 TO CONGRESS STREET (STA. 8+00 TO STA. 12+71.48)		4	26
S.R. HWY 15 -- (STA. 28+00 TO STA. 34+00)		5-LT	27
S.R. HWY 15 -- (STA. 28+00 TO STA. 34+00)		5-RT	28
S.R. HWY 15 -- (STA. 34+00 TO STA. 40+00)		6-LT	29
S.R. HWY 15 -- (STA. 34+00 TO STA. 40+00)		6-RT	30
S.R. HWY 15 -- (STA. 40+00 TO STA. 46+00)		7-LT	31
S.R. HWY 15 -- (STA. 40+00 TO STA. 46+00)		7-RT	32
S.R. HWY 15 -- (STA. 46+00 TO E.O.P.)		8	33
US HWY 84 -- (STA. 10+00 TO STA. 16+00)		9	34
US HWY 84 -- (STA. 16+00 TO STA. 21+99.88)		10	35
5th STREET -- (STA. 10+00 TO STA. 12+50)		11	35.1
DETAIL SHEETS (14)			
DETAIL PLAN -- S.R. HWY 15 (B.O.P. STA. 5+21.49 TO STA. 8+00)		DP-1	36
DETAIL PLAN -- S.R. HWY 15 (STA. 8+00 TO STA. 12+71.48)		DP-2	37
DETAIL PLAN -- S.R. HWY 15 (STA. 28+00 TO STA. 32+00)		DP-3	38
DETAIL PLAN -- S.R. HWY 15 (STA. 32+00 TO STA. 44+00)		DP-4	39
DETAIL PLAN -- S.R. HWY 15 (STA. 44+00 TO STA. 46+61.77)		DP-5	40
DETAIL PLAN -- U.S. HWY 84 (STA. 10+44.44 TO STA. 21+99.88)		DP-6	41
GEOMETRIC LAYOUT -- S.R. HWY 15 (B.O.P. STA. 5+21.49 TO STA. 10+00)		GEO-1	42
GEOMETRIC LAYOUT -- S.R. HWY 15 (STA. 10+00 TO STA. 12+71.48)		GEO-2	43
GEOMETRIC LAYOUT -- S.R. HWY 15 (STA. 28+00 TO STA. 34+00)		GEO-3	44
GEOMETRIC LAYOUT -- S.R. HWY 15 (STA. 34+00 TO STA. 40+00)		GEO-4	45
GEOMETRIC LAYOUT -- S.R. HWY 15 (STA. 40+00 TO STA. 46+00)		GEO-5	46
GEOMETRIC LAYOUT -- S.R. HWY 15 (STA. 46+00 TO STA. 46+61.77)		GEO-6	47
GEOMETRIC LAYOUT -- US HWY 84 (STA. 10+44.44 TO STA. 16+00)		GEO-7	48
GEOMETRIC LAYOUT -- US HWY 84 (STA. 16+00 TO STA. 21+99.88)		GEO-8	49
FORM GRADE SHEETS (2)			
FORM GRADE PLAN -- S.R. HWY 15 AT JEFFERSON ST.		FG-1	50
FORM GRADE PLAN -- S.R. HWY 15 AT CONGRESS ST.		FG-2	51
PAVEMENT MARKING DETAIL SHEETS (6)			
S.R. HWY 15 -- B.O.P. TO STA. 12+00		PMD-1	52
S.R. HWY 15 -- STA. 12+00 TO STA. 20+00		PMD-2	53
S.R. HWY 15 -- STA. 20+00 TO STA. 32+00		PMD-3	54
S.R. HWY 15 -- STA. 32+00 TO STA. 44+00		PMD-4	55
S.R. HWY 15 -- STA. 44+00 TO E.O.P.		PMD-5	56
US HWY 84 -- STA. 14+00 TO STA. 21+99.88		PMD-6	57

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
TRAFFIC CONTROL PLAN SHEETS (23)⚠			
CONSTRUCTION SIGNING DETAIL		CSD-1	58
TEMPORARY TRAFFIC SIGNAL PLAN (U S 84 AT S R 15)		TTS-1	58.1
TRAFFIC CONTROL PLAN PHASE I -- S.R. HWY 15 (B.O.P. STA. 5+21.49 TO STA. 12+00) (WIDENING)		TCP-17	59
TRAFFIC CONTROL PLAN PHASE I -- S.R. HWY 15 (STA. 12+00 TO STA. 12+71) (WIDENING)		TCP-18	60
TRAFFIC CONTROL PLAN PHASE I -- S.R. HWY 15 (STA. 28+00 TO STA. 32+00) (WIDENING)		TCP-19	61
TRAFFIC CONTROL PLAN PHASE I -- S.R. HWY 15 (STA. 32+00 TO STA. 44+00) (WIDENING)		TCP-20	62
TRAFFIC CONTROL PLAN PHASE I -- S.R. HWY 15 (STA. 44+00 TO E.O.P.) (WIDENING)		TCP-21	63
TRAFFIC CONTROL PLAN PHASE I -- US HWY 84 (STA. 14+00 TO STA. 21+99.88) (WIDENING)		TCP-22	64
TRAFFIC CONTROL PLAN ADVANCE DETOUR, PHASE II		DTR-1	64.01⚠
TRAFFIC CONTROL PLAN ADVANCE DETOUR DETAIL, PHASE II		DTR-2	64.02⚠
TRAFFIC CONTROL PLAN PHASE II -- S.R. 15 @ US 84 WEEKEND CLOSURE STONE MATRIX		TCP-23	64.03⚠
TRAFFIC CONTROL PLAN PHASE II -- S.R. 15 @ US 84 WEEKEND CLOSURE (CONSTRUCTION PHASING) STONE MATRIX		TCP-24	64.04⚠
TRAFFIC CONTROL PLAN PHASE III -- US 84 WEEKEND CLOSURE STONE MATRIX		TCP-25	64.05⚠
TRAFFIC CONTROL PLAN PHASE III -- US 84 WEEKEND CLOSURE (CONSTRUCTION PHASING) STONE MATRIX		TCP-26	64.06⚠
TRAFFIC CONTROL PLAN, PHASE IV-A -- S.R. 15 @ US HWY 84 (ASPHALT OVERLAY)		TCP-27⚠	65
TRAFFIC CONTROL PLAN, PHASE IV-A -- S.R. 15 @ US HWY 84 (ASPHALT OVERLAY)		TCP-28⚠	66
TRAFFIC CONTROL PLAN, PHASE IV-A -- S.R. 15 @ US HWY 84 (ASPHALT OVERLAY)		TCP-29⚠	67
TRAFFIC CONTROL PLAN, PHASE IV-A -- S.R. 15 @ US HWY 84 (ASPHALT OVERLAY)		TCP-30⚠	68
TRAFFIC CONTROL PLAN, PHASE IV-A -- S.R. 15 @ US HWY 84 (ASPHALT OVERLAY)		TCP-31⚠	69
TRAFFIC CONTROL PLAN, PHASE IV-B -- S.R. 15 @ US HWY 84 (ASPHALT OVERLAY)		TCP-32⚠	70
TRAFFIC CONTROL PLAN, PHASE IV-B -- S.R. 15 @ US HWY 84 (ASPHALT OVERLAY)		TCP-33⚠	71
TRAFFIC CONTROL PLAN, PHASE IV-B -- S.R. 15 @ US HWY 84 (ASPHALT OVERLAY)		TCP-34⚠	72
TRAFFIC CONTROL PLAN, PHASE IV-B -- S.R. 15 @ US HWY 84 (ASPHALT OVERLAY)		TCP-35⚠	73
TRAFFIC SIGNAL & ITS PLANS AND DETAIL SHEETS (25)			
PROJECT LOCATION MAP - LAUREL, MS		LP-1	74
TRAFFIC SIGNAL INSTALLATION (S.R. HWY 15: BOP STA. TO STA. 8+00)		TSI-1	75
TRAFFIC SIGNAL INSTALLATION (S.R. HWY 15: STA. 8+00 TO STA. 17+00)		TSI-2	76
TRAFFIC SIGNAL INSTALLATION (S.R. HWY 15: STA. 17+00 TO STA. 25+00)		TSI-3	77
TRAFFIC SIGNAL INSTALLATION (S.R. HWY 15: STA. 25+00 TO STA. 34+00)		TSI-4	78
TRAFFIC SIGNAL INSTALLATION (S.R. HWY 15: STA. 34+00 TO STA. 40+00)		TSI-5	79
TRAFFIC SIGNAL INSTALLATION (S.R. HWY 15: STA. 34+00 TO STA. 40+00)		TSI-6	80
RADIO INTERCONNECT PLAN (S.R. HWY 15 @ 10TH ST.)		TSI-7	81
RADIO INTERCONNECT PLAN (U.S.. HWY 84 @ HILLCREST DR.)		TSI-8	82
DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS, & GENERAL NOTES		TSD-1	83
LOOP DETECTOR DETAILS FOR TRAFFIC SIGNAL INSTALLATION		TSD-2	84
PULL BOX & CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION		TSD-3	85
SPAN WIRE AND STEEL STRAIN DETAILS FOR TRAFFIC SIGNAL INSTALLATION		TSD-4	86
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS AND MISCELLANEOUS DETAILS		TSD-5	87
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION		TSD-6	88
TRAFFIC CONTROL PLAN (TYPICAL SIGNAL INSTALLATION)		TSD-7	89
ITS LEGEND AND GENERAL NOTES		FO-1	90
FIBER OPTIC PULLBOX AND CONDUIT TRENCHING DETAILS		FO-2	91
UNDERGROUND FIBER OPTIC ENTRANCE DETAILS		FO-3	92
SYSTEM BLOCK DIAGRAM		FO-4	93
FIBER SPLICING DETAILS		FO-5	94
UNDERGROUND ENTRANCE DETAILS		FO-6	95
TYPE B CABINET DETAILS		CAB-1	96
TYPE C CABINET AND POWER SERVICE DETAILS		CAB-2	97
CAMERA POLE WITH CAMERA & RDS MOUNTING DETAILS		CCTV-1	98
PERMANENT SIGNING PLAN SHEETS (4)⚠			
PERMANENT SIGNING DETAIL S.R. 15 (B.O.P. STA. 5+21.49 TO STA. 10+00)		PSP-1	99
PERMANENT SIGNING DETAIL S.R. 15 (STA. 10+00 TO STA. 12+71.48)		PSP-2	100
PERMANENT SIGNING DETAIL S.R. 15 (STA. 28+00 TO STA. 34+00)		PSP-3	101
PERMANENT SIGNING DETAIL S.R. 15 (STA. 34+00 TO STA. 40+00)		PSP-4	102

NEEL-SCHAFFER
Solutions you can build upon

PS & E PLANS-DATE 1/12/10		
FMS CON. # 103289/301000		
REVISIONS		
DATE	SHEET NO.	BY
5/24/10	2,3,5,6,7,8,9,10,10.01, 11, 12, 13, 64.01, 64.02, 64.03, 64.04, 64.05, 64.06, 65-73	SSV
7/15/10	11, 12, 13, 13.1	SSV
8/12/10	13, 13.1, 75, 79, 81	SSV
8/20/10	5, 6, 7, 8, 9, 10.01 11, 13, 69	SSV

MARK C. SMITH REGISTERED PROFESSIONAL ENGINEER #8245
8-25-10

DATE	SHEET TOTAL CHANGED / WORKING NUMBER CHANGED / MODIFIED DESCRIPTION OR ADDED LINES FOR NEW SHEETS	BY
5/24/10	REVISION	SSV

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO.: STP-0022-01(056)
COUNTY: JONES

FILENAME: DI.DGN
DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER DI-1
SHEET NUMBER 2

1 st O. REV.

STATE	PROJECT NO.
MISS.	HSIP-0022-01(056)

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
⚠PERMANENT SIGNING PLAN SHEETS CONT'D (4)⚠			
⚠PERMANENT SIGNING DETAIL S.R. 15 (STA. 40+00 TO STA. 46+00)		PSP-5	103
⚠PERMANENT SIGNING DETAIL S.R. 15 (STA. 46+00 TO STA. 51+54.43)		PSP-5.1	104
⚠PERMANENT SIGNING DETAIL US HWY 84 (STA. 10+44.44 TO STA. 16+00)		PSP-6	105
⚠PERMANENT SIGNING DETAIL US HWY 84 (STA. 16+00 TO STA. 21+99.88)		PSP-7	106
SIGNING SPECIAL DESIGN SHEET (1)			
DIRECTIONAL SIGNING DETAILS		DSD-1	107
MISCELLANEOUS SPECIAL DESIGN SHEETS (6)			
VEGETATION SCHEDULE		VS-1	108
JB-2 MODIFIED		JB-2 MOD.	109
RIGHT OF WAY MARKERS		RW-1	110
TRAFFIC CONTROL PLAN POSTED FOR SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)		SD TCP-3	111
PAVEMENT MARKING LEGEND DETAILS (INTERSTATE SHIELD)		SD PM-9	112
PAVEMENT MARKING LEGEND DETAILS (ROUTE MARKER)		SD PM-10	113
PAVEMENT MARKING LEGEND DETAILS (SPECIAL DESIGN)		SD PM-11	114
STANDARD DRAWINGS (42)			
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12-01-99	PM-1	120
PAVEMENT MARKING DETAILS FOR 4-LANE AND 5-LANE UNDIVIDED HIGHWAYS	12-01-99	PM-2	121
PAVEMENT MARKING LEGEND DETAILS		PM-5	124
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
EROSION CONTROL		EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES		TEC-1	142
DETAILS OF DITCH TREATMENT		DT-1	145
STANDARD DIRECTIONAL (GUIDE) SIGNS	03-01-02	SN-1	220
ROUTE SHIELDS AND "EXIT ONLY" PANELS		SN-2	221
STANDARD ROADSIDE SIGNS		SN-3	222
STANDARD ROADSIDE SIGNS		SN-3A	223
STANDARD ROADSIDE SIGNS	03-01-02	SN-3B	224
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4	225
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4A	226
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)	03-01-02	SN-7	232
TYPICAL INSTALL. & DETAILS OF DELINEATORS & DISTANCE REFERENCE SIGNS		SN-8	233
TYPICAL INSTALLATION OF DELINEATORS		SN-8A	234
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE LANE CLOSURE OF TWO-WAY TRAFFIC)		TCP-1	250
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)		TCP-2	251
HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP-10	259
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS & 2-LANE ROADS	12-01-99	TCP-11	260
DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMPS		TCP-12	261
TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS		TCP-14	263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE & 4-LANE DIVIDED HWYS.	12-01-99	TCP-15	264
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS		GT-1	272
SUPERELEVATION TRANSITION - CASE I (3.0% NORMAL SUBGRADE)	03-01-02	SE-2B	277
DRIVEWAYS, CURB & GUTTER, AND SIDEWALK		SD-1	287
DRIVEWAYS, INTEGRAL CURB, AND SIDEWALK		SD-2	288
DETAILS OF PAVED FLUMES		PF-1	291
PIPE CULVERT INSTALLATION		PI-1	300
CONCRETE PIPE COLLAR		PC-1	301
DETAILS OF GRATES FOR GUTTER INLETS		IG-2	315
STORM SEWER INLET - TYPE SS-2		SS-2	322
STORM SEWER INLET - TYPE SS-3		SS-3	323
DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERTS		B-9	325
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328
DETAILS OF NORMAL UNDERDRAIN AND STORM DRAIN USED AS UNDERDRAIN		UD-1	331
CROSS-SECTIONS (11)			
CROSS SECTIONS - SR 15 AT JEFFERSON STREET			901-904
CROSS SECTIONS - SR 15 (STATION 28+80 - STATION 46+61.77)			905-910
CROSS SECTIONS - US 84			911
TOTAL SHEETS (177)			

110

BY	DATE	REVISION
SSV	6/24/10	SHEET TOTAL CHANGED MOVED SHT. DESCR. FROM MK. SHT. TO SH

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. HSIP-0022-01(056)
COUNTY: JONES

FILENAME: DI.DGN
DESIGN TEAM ____ CHECKED ____ DATE ____

WORKING NUMBER DI-2

SHEET NUMBER 3

STATE	PROJECT NO.
MISS.	STP-0022-01(056)

GENERAL NOTES

1. THE UTILITY CONTACTS ARE THE FOLLOWING:

   Bell South (Phone)- 601-961-1700
   Comcast (Cable)- 601-649-8674
   City of Laurel (Water & Sewage) - 601-428-6459
   Centerpoint (Entex) (Gas) - 601-425-1461
   Ms Power (Elect.) -601-426-4852, Butch Heath

2. EXISTING UNDERGROUND UTILITY LINES SHOWN ON THE DRAWINGS ARE BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. 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.

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

4. 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.

5. 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 DESIGN AND INSTALL BRACING, SHORING, OR GROUND SUPPORT SYSTEMS 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.

6. REMOVAL OF RAISED PAVEMENT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM.

7. 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.

8. 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).

9. ALL DRIVEWAYS SHALL BE SAWCUT AT R.O.W. OR AS DIRECTED BY THE ENGINEER.

10. ALL EXISTING CULVERT PIPES OR OTHER OBSTRUCTIONS WHICH CONFLICT WITH REQUIRED CONSTRUCTION SHALL BE REMOVED AT CONTRACTOR'S EXPENSE AS AN ABSORBED ITEM. PLUG ENDS OF EXISTING PIPES TO BE ABANDONED IN PLACE WITH CONCRETE (ABSORBED ITEM).

11. 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).

12. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT AND STRAIGHTNESS.

13. 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.

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

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

16. PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHOULD BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.

17. SOME WORK MAY BE REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.

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. ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

20. TRAFFIC SIGNAL POLES SHALL BE DESIGNED IN ACCORDANCE WITH THE 2001 ASSHTO SPECIFICATIONS, AS AMENDED. BASIC WIND SPEED FOR THIS PROJECT SHALL BE 110 MPH. DESIGN LIFE SHALL BE 50 YEARS. FATIGUE CATEGORY SHALL BE II. GALLOPING AND TRUCK INDUCED WIND LOADS SHALL NOT BE CONSIDERED. ICE LOADS FOR THIS PROJECT WILL NOT BE CONSIDERED. ANY DEVIATION FROM THESE CRITERIA MUST BE APPROVED IN WRITING BY THE TRAFFIC ENGINEERING DIVISION, 601-359-1454.

21. THE CONTRACTOR SHALL INSTALL A TEMPORARY SPAN WIRE SIGNAL AT SR 15 AND US HWY 84. THE CONTRACTOR SHALL USE AS MUCH OF THE EXISTING EQUIPMENT FOR THE TEMPORARY SIGNAL (COST ABSORBED UNDER PAY ITEM 618-A).

22. ANYWHERE IN THESE PLANS, WHEN REFERENCE IS MADE TO PROJECT NUMBER STP-0022-01(056), IT IS UNDERSTOOD THAT THE CORRECT PROJECT NUMBER IS HSIP-0022-01(056).

23. ALL EXISTING TRAFFIC SIGNAL CABINETS, CONTROLLERS, AMPLIFIERS TO BE SALVAGED TO MDOT PROJECT OFFICE IN LAUREL.

24. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SURFACE TREATED SHOULDER 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.

25. PRIOR TO EXCAVATION AND EMBANKMENT CONSTRUCTION, 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 WITH STOCKPILED TOPSOIL. THE COST OF STRIPPING, STOCKPILING, PLACING AND SPREADING OF TOPSOIL IS TO BE ABSORBED (NOT A SEPARATE PAY ITEM). TOPSOIL STRIPPED FROM CONSTRUCTION LIMITS WILL NOT BE INCLUDED IN THE MEASUREMENT OF OTHER EXCAVATION ITEMS

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

1/5/2010 08:42:35 GNOTES.DGN

BY	REVISION	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO.: STP-0022-01(056)
COUNTY: JONES

WORKING NUMBER: GN-1
SHEET NUMBER: 4

FILENAME: GNOTES.DGN
DESIGN TEAM NEEL-SCHAFFER CHECKED DATE