

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX AND GENERAL NOTES	1
TYPICAL SECTIONS	7 Δ
QUANTITIES	14
PLAN AND PROFILES	17
SPECIAL DESIGN - ROADWAY ITEMS	27 Δ
BRIDGE DRAWINGS	
SPECIAL DESIGN - BRIDGES	
CROSS-SECTIONS	
TOTAL SHEETS	67

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FEDERAL AID PROJECT NO. NH-HPP-0006-01(080)N NH-HPP-0006-01(074)N NH-HPP-0006-02(022)N

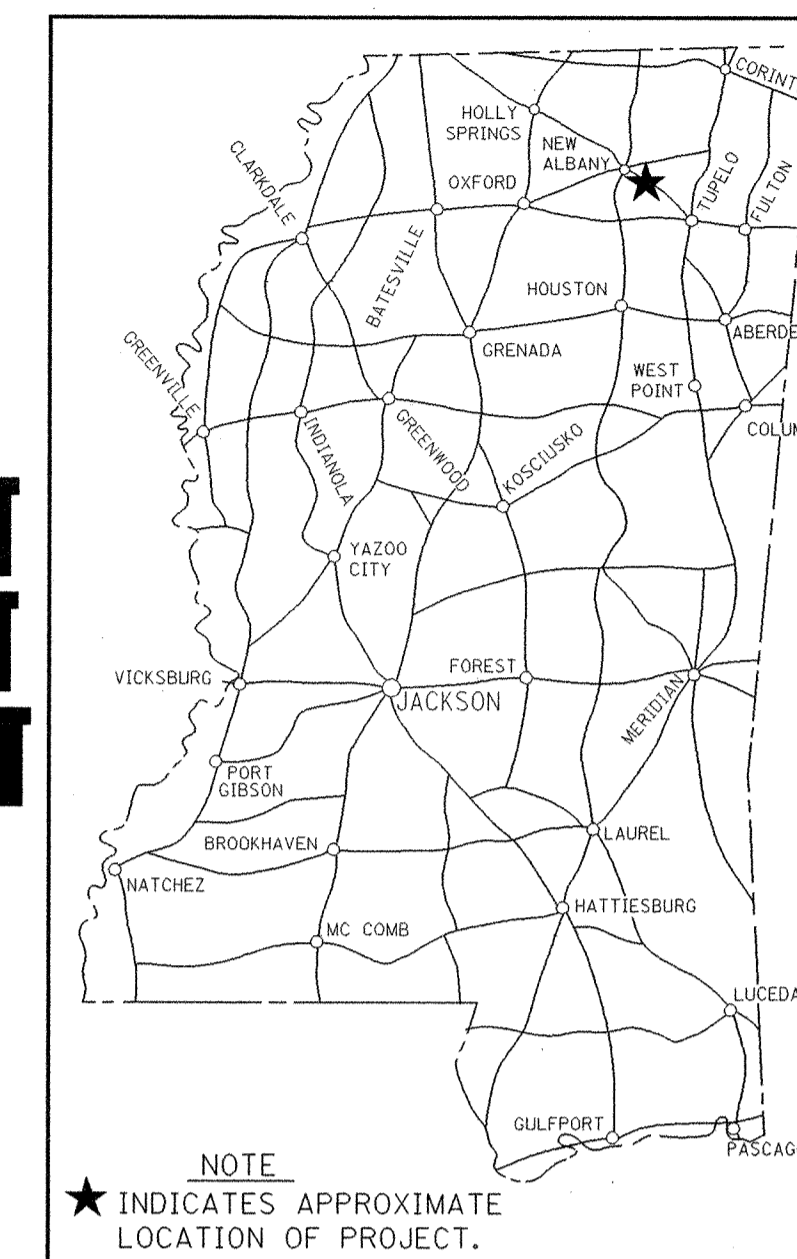
04-6-07

US 78 UPGRADE TO INTERSTATE STANDARDS FROM BLUE SPRINGS TO BELDEN UNION, PONTOTOC AND LEE COUNTIES

SCALES
PLAN 1 IN. = 100 FT.
PROFILE { **HOR.** 1 IN. = 100 FT.
VERT. 1 IN. = 10 FT.

104095/304000
104095/305000
104095/306000

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	NH-HPP-0006-01(080)N NH-HPP-0006-01(074)N NH-HPP-0006-02(022)N	1

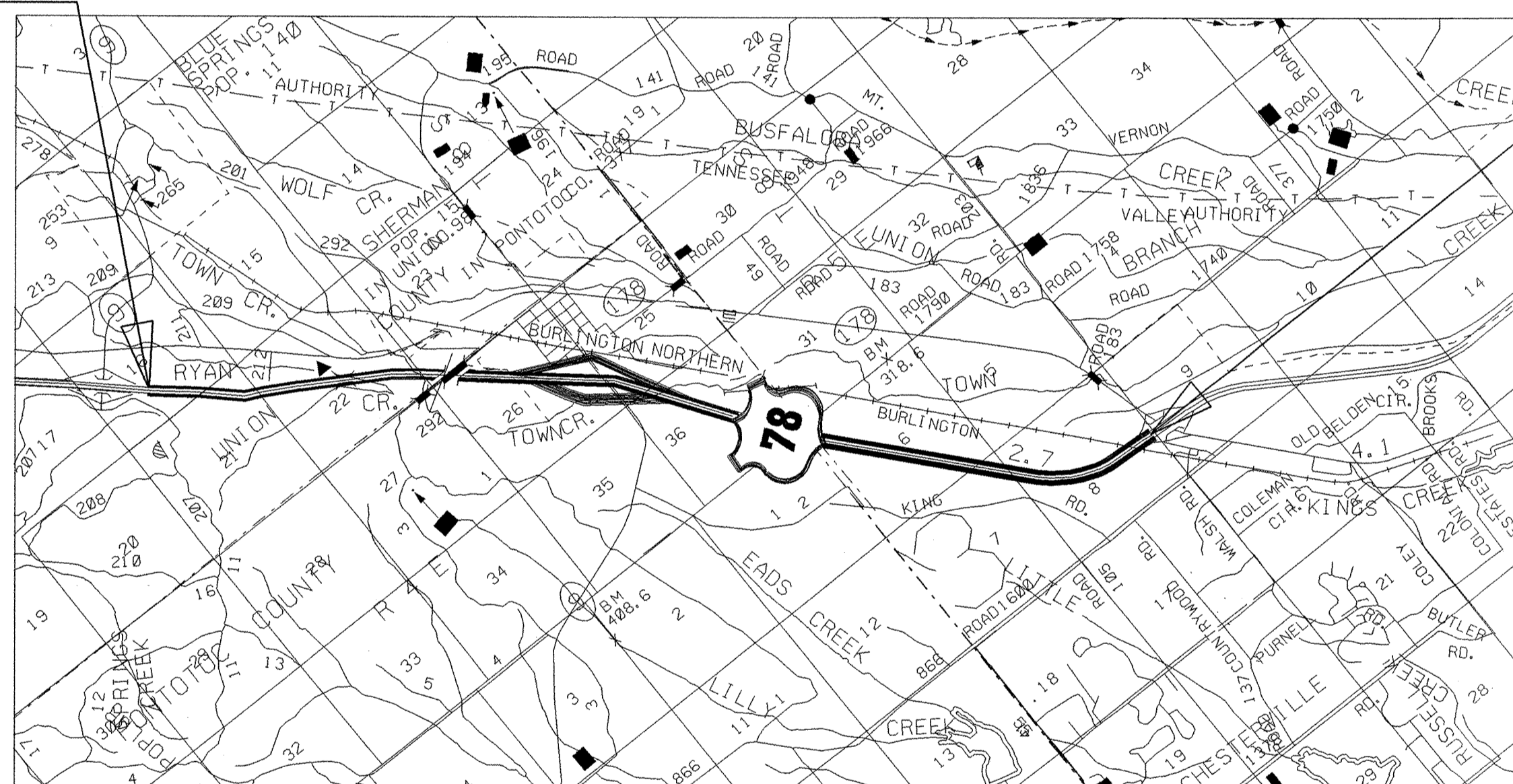


BRIDGE STRUCTURES REQ'D.

NONE

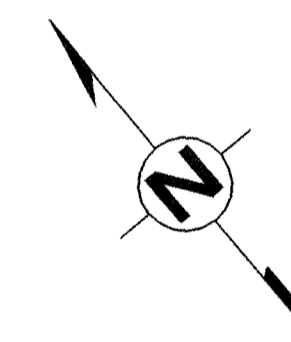
B.O.P. STA. 888+00

E.O.P. STA. 1266+44



BOX BRIDGES REQ'D.

NONE



DESIGN CONTROL
MPH = V (SPEED DESIGN)
ADT () = : ADT () =
DHV = : D = % T = %

PERMITS ACQUIRED BY MDOT

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

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

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

STORMWATER PERMIT Y

Y REQUIRED CNOI SUBMITTED BY MDOT (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: 04/05/07

EQUATIONS

902+03.79 = 902+00.00 (+3.79)

EXCEPTIONS

NONE

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	37848 FT.	7.17 MI.
LENGTH OF BRIDGES	0 FT.	0 MI.
LENGTH OF PROJECT (NET)		7.17 MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)		7.17 MI.

REVISIONS	DATE	BY	APPROVED:	DATE
		JCR	<i>Harry Lee James</i>	4-5-07
			CHIEF ENGINEER	DATE
			<i>Samuel R. Parnell</i>	4-5-07
			EXECUTIVE DIRECTOR	DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR _____ DATE _____

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

1st O. REV.

DESCRIPTION OF SHEET

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (1)	DI-1	2
TYPICAL SECTION SHEETS (7)		
TYPICAL SECTION - MAINLINE OVERLAY IN CONCRETE SECTION	TS-1	3
TYPICAL SECTION - MAINLINE OVERLAY IN ASPHALT SECTION	TS-2	4
TYPICAL SECTION - INTERCHANGE RAMP OVERLAY	TS-3	5
TYPICAL SECTION - CONCRETE PUNCHOUT	TS-5	7 [△]
TYPICAL SECTION - EDGE DRAIN IN PLACE (INFORMATION PURPOSES ONLY)	TS-6	8
TYPICAL SECTION - GUARDRAIL REPLACEMENT	TS-7	9
TYPICAL SECTION - DETAIL OF TRANSITIONS	TS-8	10
QUANTITY SHEETS (14)		
SUMMARY OF QUANTITIES	SQ-1	11
SUMMARY OF QUANTITIES	SQ-2	12
ESTIMATED QUANTITIES - ASPHALT REMOVAL ON SHOULDERS - UNION CO. & PONTOTOC CO.	EQ-1	13
ESTIMATED QUANTITIES - ASPHALT REMOVAL ON SHOULDERS - LEE CO.	EQ-2	14
ESTIMATED QUANTITIES - AREAS TOP SOIL TO BE PLACED	EQ-3	15
ESTIMATED QUANTITIES - CONCRETE PUNCHOUT - WESTBOUND LANES	EQ-4	16
ESTIMATED QUANTITIES - CONCRETE PUNCHOUT - EASTBOUND LANES	EQ-5	17
ESTIMATED QUANTITIES - ASPHALT MILLING	EQ-6	18
ESTIMATED QUANTITIES - CONCRETE MILLING	EQ-7	19
ESTIMATED QUANTITIES - GUARDRAIL REMOVAL AND PAVED DITCH ITEMS	EQ-8	20
ESTIMATED QUANTITIES - GUARDRAIL REPLACEMENT	EQ-9	21
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS - UNION CO.	EQ-10	22
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS - PONTOTOC CO.	EQ-11	23
ESTIMATED QUANTITIES - TRAFFIC CONTROL ITEMS - LEE CO.	EQ-12	24
PLAN & PROFILE SHEETS- UNION CO. (4)		
US. 78 STA. 870+00 TO STA. 900+00	WK-3	25
US. 78 STA. 900+00 TO STA. 930+00	WK-4	26
US. 78 STA. 930+00 TO STA. 960+00	WK-5	27
US. 78 STA. 960+00 TO STA. 990+00	WK-6	28
PLAN & PROFILE SHEETS- PONTOTOC CO. (6)		
US. 78 STA. 990+00 TO STA. 1020+00	WK-7	29
US. 78 STA. 1020+00 TO STA. 1050+00	WK-8	30
US. 78 STA. 1050+00 TO STA. 1080+00	WK-9	31
SHERMAN INTERCHANGE	WK-9A	32
US. 78 STA. 1080+00 TO STA. 1110+00	WK-10	33
US. 78 STA. 1110+00 TO STA. 1125+00	WK-11	34
PLAN & PROFILE SHEETS- LEE CO. (7)		
US. 78 STA. 1125+00 TO STA. 1140+00	WK-12	35
US. 78 STA. 1140+00 TO STA. 1170+00	WK-13	36
US. 78 STA. 1170+00 TO STA. 1200+00	WK-14	37
US. 78 STA. 1200+00 TO STA. 1230+00	WK-15	38
US. 78 STA. 1230+00 TO STA. 1260+00	WK-16	39
SW RAMP @ McCULLOUGH BLVD. INTERCHANGE	WK-16A	40
NW RAMP @ McCULLOUGH BLVD. INTERCHANGE	WK-16B	41
US. 78 STA. 1260+00 TO STA. 1290+00	WK-17	42

DISTRICT 1

PS & E PLANS-DATE 04/06/07			
FMS CON. # 104095/304, 305, & 306			
REVISIONS			
DATE	SHEET NO.	BY	
05/25/07	1-4, 5, 9, 19, 21, 47, 48, 50, & 205	JCR	

STATE	PROJECT NO.
MISS.	NH-HPP-0006-02(022)N

DESCRIPTION OF SHEET

REVISION DATE WKG. NO. SH. NO.

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS (11)			
DETAIL OF CONSTRUCTION SIGNING		CS-1	43
DETAIL OF CONSTRUCTION SIGNING		CS-2	44
LOCATION OF R16-3 SIGNS		LRS-1	45
VEGETATION SCHEDULE		VS-1	46
TYPICAL CRC PAVEMENT REPAIR		PR-1	47
TYPICAL CRC PAVEMENT REPAIR (OPTIONAL WELDING METHOD)		PR-2	48
DETAIL OF RUMBLE STRIP (GROUND-IN)		RS-1	49
DETAILS OF LANE CLOSURE FOR FULL DEPTH CONCRETE PAVEMENT REPAIR		LCD-1	50
TRAFFIC CONTROL DETAILS - DRUM PLACEMENT AND SHOULDER CLOSURE		TCD-SC-1	51
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT 65 OR 70 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)		SD-TCP-4A	52
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT 65 OR 70 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)		SD-TCP-5A	53
STANDARD DRAWINGS - ROADWAY SHEETS (16) [△]			
CONTINUOUSLY REINFORCED CONCRETE PAVEMENT 24'-0" WIDE		CRP-1	101
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	(12-01-99)	PM-1	120 [△]
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMP (PARALLEL & TAPER)	(12-01-99)	PM-3	122 [△]
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMP (PARALLEL & TAPER)	(12-01-99)	PM-4	123 [△]
EROSION CONTROL		EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)		TEC-1	142
DETAILS OF DITCH TREATMENT		DT-1	145
GUARD RAIL: "W" BEAM (WOOD POSTS)	(03-01-02)	GR-1	180 [△]
GUARD RAIL: "W" BEAM (STEEL POSTS)	(03-01-02)	GR-1B	182 [△]
GUARD RAIL: BRIDGE END SECTION TYPE "D" MODIFIED		GR-2B	186
GUARDRAIL TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	(12-01-99)	GR-4	194 [△]
MEDIAN BARRIER: CONCRETE (PRECAST)	(03-01-02)	MB-2A	205 [△]
TYPICAL GUARD RAIL DELINEATION	(03-01-02)	SN-8C	236 [△]
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 [△]
DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMP		TCP-12	261

GENERAL NOTES

- (1) A 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN AND ESTIMATING PURPOSES ONLY.
- (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) ANY REFERENCE TO PROJECT NUMBER NH-HPP-0006-02(022)N IS TO BE UNDERSTOOD THAT NH-HPP-0006-02(022)N IS THE PRIMARY PROJECT NUMBER AND NH-HPP-0006-01(074)N AND NH-HPP-0006-01(080)N ARE THE SECONDARY PROJECT NUMBERS.
- (4) A MINIMUM DISTANCE OF 3 MILES IS REQUIRED BETWEEN LANE CLOSURES.
- (5) 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.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILED INDEX			
PROJECT NO. NH-HPP-0006-01(080)N NH-HPP-0006-01(074)N NH-HPP-0006-02(022)N			
COUNTY : UNION, PONTOTOC AND LEE			WORKING NUMBER DI-1
DATE	FILENAME:	CHECKED	SHEET NUMBER 2
DATE	DESIGN TEAM	DATE	

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