FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	NH-0015-01(107)PH2	1

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX & GENERAL NOTES	3
TYPICAL SECTIONS	10
QUANTITIES	15
PLAN AND PROFILES	48
DETAIL SHEETS	65
SPECIAL DESIGN ROADWAY DRAWINGS	15
ROADWAY DESIGN STANDARD DRAWINGS	76
BRIDGE DESIGN STANDARD DRAWINGS	10
CROSS-SECTIONS	72
TOTAL SHEETS	315

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

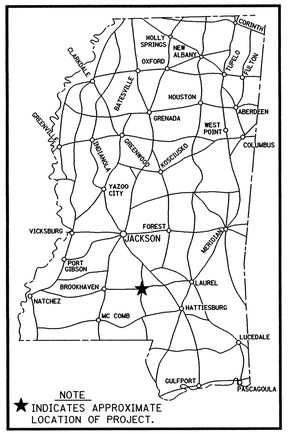
FEDERAL AID PROJECT NO. NH-0015-01(107)PH2

CON. - 102059/301000
FMS - 102059/302000

US84 FROM LINCOLN C.L.
TO OLD SR27 AT MONTICELLO
LINCOLN & LAWRENCE COUNTY

SCALES

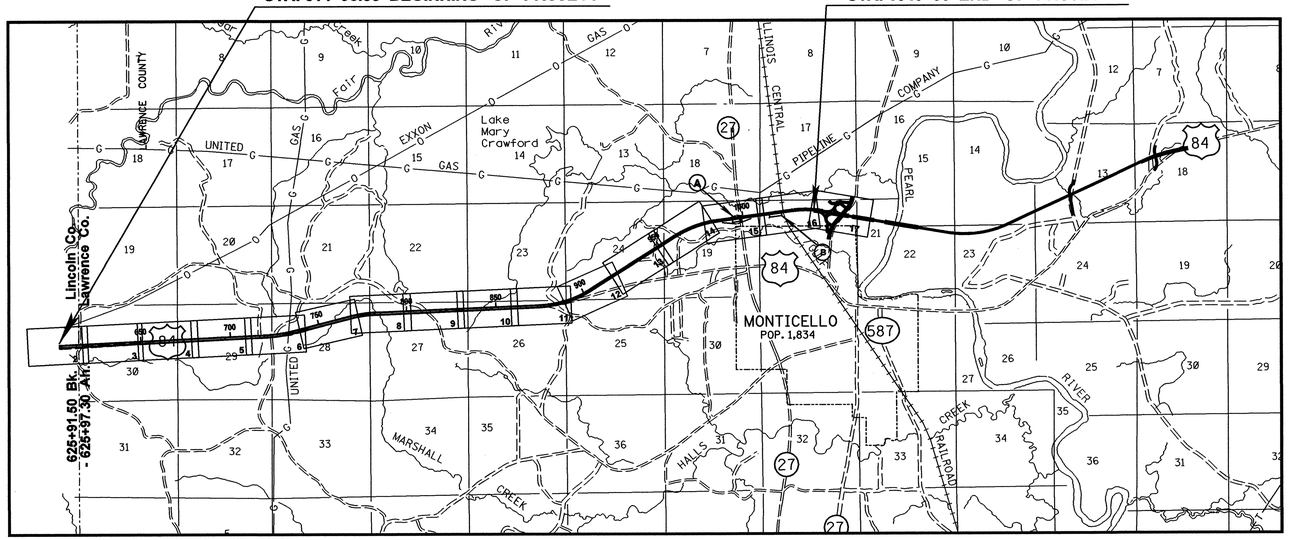
PLAN		1 IN.= 100 FT.
PROFILE	HOR.	1 IN.= 100 FT.
	VERT.	1 IN.= 10 FT.
LAYOUT		1 IN.= 3000 FT.



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

STA. 614+90.88 BEGINNING OF PROJECT

STA. 1045+50 END OF PROJECT



BRIDGES IN PLACE

(A) TWIN OVERPASS @ SR27
999+01.79 TO 1001+45.132 = 243.34 FT.

(B) TWIN OVERPASS @ RR
1022+01.873 TO 1024+04.123= 202.25 FT.
445.59 FT.

DESIGN CONTROL
* 70 MPH = V (SPEED DESIGN)
ADT (2005)=4600: ADT (2025)=7600
DHV = 7600 : D= 50 % T= 25 %

*65 MPH FOR RECONSTRUCTED RT. LANE FROM STATION 626+04.70 TO 885+00.

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 +)(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: CKP DATE: 7/8/04

CONVENTIONAL SYMBOLS

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

EQUATIONS:

625+91.50 BK. = 625+97.30 AH. (-5.800)
744+41.324 BK. = 744+41.960 AH. (-0.636)
787+83.571 BK. = 787+84.250 AH. (-0.679)
908+34.331 BK. = 908+45.860 AH. (-11.529)
987+06.894 BK. = 987+07.180 AH. (-0.286)
1045+12.967 BK. = 1045+13.730 AH. (-0.763)
TOTAL EQUATIONS = (-19.693)

EXCEPTIONS

115

LENGTH DATA

	Lincoln Co.		Lawrence Co.		Total	
LENGTH OF ROADWAY	1100.62 FT.	0.208 MI.	41,493.217 FT.	7.858 MI.	42,593.837 FT.	8.067 MI.
LENGTH OF BRIDGES	0 FT.	0 MI.	FT.	0 MI.	0 FT.	0 MI.
LENGTH OF PROJECT (NET)	1100.62 FT.	0.208 MI.	41,493.217 FT.	7.858 MI.	42,593.537 FT.	8.067 MI.
LENGTH OF EXCEPTIONS (BRIDGES)	0 FT.	0 MI.	*445.590 FT.	0.084 MI.	*445.590 FT.	0.084 MI.
LENGTH OF PROJECT (GROSS)	1100.62 FT.	0.208 MI.	41,938.807 FT.	7.942 MI.	43,039.427 FT.	8.151 MI.

*(PAVEMENT MARKING ONLY)

DATE	REVISIONS	BY

APPROVED:
CHIEF ENGINEER DATE 7-8-04
EXECUTIVE DIRECTOR DATE 7-08-04
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ENGINEER DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

2578\TITLE-84.DGN

1 st O. REV. 1 st O. REV. 1 st O. REV.

STATE	PROJECT NO.
MISS.	NH-0015-01(107)PH2

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAIL INDEX & GENERAL NOTES (3)		
DETAIL INDEX	DI-1	2
DETAIL INDEX	DI-2	3
DETAIL INDEX AND GENERAL NOTES	DI-3	4
TYPICAL SECTIONS (10)		
TYPICAL SECTION - U.S. HWY 84 (GRADING)(B.O.P. TO STA. 878+01.28)	TS-1	5
TYPICAL SECTION SHOWING REMOVAL OF HIGH VOLUME CHANGE SOIL	TS-2	6
TYPICAL SECTION - U.S. HWY 84 (PAVING) (B.O.P. TO 876+50)	TS-3	7
TYPICAL SECTION - U.S. HWY 84 (PAVING) (STA. 876+50 TO E.O.P.)	TS-4	8
TYPICAL SECTION - (SR 27)	TS-5	9
TYPICAL SECTION - (SR 27) CONSTRUCTION PHASING	TS-5A	9.1
TYPICAL SECTION - (SR27 INTERCHANGE RAMPS)	TS-6	10
TYPICAL SECTION - LOCAL ROADS	TS-7	11
TYPICAL SECTION - TEMPORARY CONNECTION NEAR 625+00 AND NEAR 895+00	TS-8	12
TYPICAL SECTION - THRU CHANNELIZED INTERSECTIONS AND MEDIAN OPENINGS	TS-9	13
QUANTITY SHEETS (15)		
SUMMARY OF QUANTITIES (ROADWAY)	SQ-1	14
SUMMARY OF QUANTITIES (ROADWAY)	SQ-2	15
SUMMARY OF QUANTITIES (ROADWAY)	SQ-3	16
SUMMARY OF QUANTITIES (ROADWAY)	SQ-4	17
ESTIMATED QUANTITIES (ROADWAY) (DRAINAGE STRUCTURES)	EQ-1	18
ESTIMATED QUANTITIES (ROADWAY) (JUNCTION BOXES, BOX CULVERTS, EARTHWORK)	EQ-2	19
ESTIMATED QUANTITIES (ROADWAY) EROSION CONTROL, GUARD RAIL, BRIDGE END PAVEMENT, AND CURB AND GUTTER	EQ-3	20
ESTIMATED QUANTITIES (ROADWAY) SIDE DRAINS, TEMPORARY DRIVEWAYS	EQ-4	21
ESTIMATED QUANTITIES (ROADWAY) REMOVAL ITEMS	EQ-5	22
ESTIMATED QUANTITIES (TEMPORARY TRAFFIC CONTROL SIGNS)	EQ-TCS	23
ESTIMATED QUANTITIES (TEMPORARY TRAFFIC CONTROL ITEMS)	EQ-TCI	24
ESTIMATED QUANTITIES (PERMANENT PAVEMENT MARKINGS)	EQ-PPM	25
ESTIMATED QUANTITIES (STANDARD ROADSIDE SIGNS) (SH, 1 OF 2)	EQ-SRS	25.1
ESTIMATED QUANTITIES (STANDARD ROADSIDE SIGNS) (SH. 2 OF 3)	EQ-SRS-2	25.2
ESTIMATED QUANTITIES (DIRECTIONAL SIGNS)	EQ-PDS	25.3
PLAN & PROFILE SHEETS (48)		
U.S. HWY 84 (B.O.P. TO STA. 625+00) (LEFT LANE)	2-LT	26
U.S. HWY 84 (B.O.P. TO STA. 625+00) (RIGHT LANE)	2-RT	27
LOCAL ROAD (STA. 625+71.98) LT. (HENRY SMITH RD) & RT (ZUDE RUSSEL RD)	2-A	28
TEMPORARY CONNECTION REQUIRED AT 616+50	2-B	29
U.S. HWY 84 (STA. 625+00 TO STA. 650+00) (LEFT LANE)	3-LT	30
U.S. HWY 84 (STA. 625+00 TO STA. 650+00) (RIGHT LANE)	3-RT	31
U.S. HWY 84 (STA. 650+00 TO STA. 680+00) (LEFT LANE)	4-LT	32
U.S. HWY 84 (STA. 650+00 TO STA. 680+00) (RIGHT LANE)	4-RT	33
U.S. HWY 84 (STA. 680+00 TO STA. 710+00) (LEFT LANE)	5-LT	34
U.S. HWY 84 (STA. 680+00 TO STA. 710+00) (RIGHT LANE)	5-RT	35
U.S. HWY 84 (STA. 710+00 TO STA. 740+00) (LEFT LANE)	6-LT	36
U.S. HWY 84 (STA. 710+00 TO STA. 740+00) (RIGHT LANE)	6-RT	37
LOCAL ROAD (STA. 724+27.17)	6A	38
LOCAL ROAD (STA. 731+40)	6B	39
U.S. HWY 84 (STA. 740+00 TO STA. 770+00) (LEFT LANE)	7-LT	40
U.S. HWY 84 (STA. 740+00 TO STA. 770+00) (RIGHT LANE)	7-RT	41
U.S. HWY 84 (STA. 770+00 TO STA. 800+00) (LEFT LANE)	8-LT	42
U.S. HWY 84 (STA. 770+00 TO STA. 800+00) (RIGHT LANE)	8-RT	43
LOCAL ROAD (STA. 797+00)	8A	44
U.S. HWY 84 (STA. 800+00 TO STA. 830+00) (LEFT LANE)	9-LT	45
U.S. HWY 84 (STA. 800+00 TO STA. 830+00) (RIGHT LANE)	9-RT	46
LOCAL ROAD (STA. 819+00)	9A	47
U.S. HWY 84 (STA. 830+00 TO STA. 860+00) (LEFT LANE)	10-LT	48
U.S. HWY 84 (STA. 830+00 TO STA. 860+00) (RIGHT LANE)	10-RT	49
U.S. HWY 84 (STA. 860+00 TO STA. 890+00) (LEFT LANE)	11-LT	50
U.S. HWY 84 (STA. 860+00 TO STA. 890+00) (RIGHT LANE)	11-RT	51
LOCAL ROAD (STA. 870+40	11A	52
LOCAL ROAD (STA. 888+00)	11B	53
U.S. HWY 84 (STA. 890+00 TO STA. 920+00) (LEFT LANE)	12-LT	54
U.S. HWY 84 (STA. 890+00 TO STA. 920+00) (RIGHT LANE)	12-RT	55
TEMPORARY CONNECTION AT 895+00	12AA	56
LOCAL ROAD (STA. 904+46.57)	12A	57
U.S. HWY 84 (STA. 920+00 TO STA. 950+00)	13	58
LOCAL ROAD (STA. 948+00)	13A	59
U.S. HWY 84 (STA. 950+00 TO STA. 980+00)	14	60
LOCAL ROAD (STA. 964+00)	14A	61
ACCESS ROAD TO LOCAL ROAD (STA. 964+00)	14B	62

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
PLAN & PROFILE SHEETS (CONT.)		
U.S. HWY 84 (STA. 980+00 TO STA. 1010+00)	15	63
SR 27 INTERCHANGE LAYOUT	15AA	64
SR 27 (STA. 20+00 TO STA. 40+00)	15A	65
N.E. RAMP @ SR 27 INTERCHANGE	15B	66
S.E. RAMP @ SR 27 INTERCHANGE	15C	67
S.W. RAMP @ SR 27 INTERCHANGE	15D	68
N.W. RAMP @ SR 27 INTERCHANGE	15E	69
RELOCATED COUNTY RD. @ SR27 STA. 42+50	15F	70
U.S. HWY 84 (STA. 1010+00 TO STA. 1040+00)	16	71
LOCAL ROAD (STA. 1023+03.81)	16A	72
U.S. HWY 84 (STA. 1040+00 TO E.O.P.	17	73
DETAILS OF CONSTRUCTION SIGNING & TRAFFIC CONTROL PLAN (23)		
CONSTRUCTION PHASING - PHASE I	CONST - 1	74
CONSTRUCTION PHASING - PHASE II	CONST - 2	75
CONSTRUCTION PHASING - PHASE III (1 of 2)	CONST - 3A	76
CONSTRUCTION PHASING - PHASE III (2 of 2)	CONST - 3B	77
PHASE I (SR27 TO OLD HWY 27)	CS-1	78
PHASE II (SR27 TO E.O.P.)	CS-1A	78.1
PHASE II (SR27 TO OLD HWY 27)	TCS-1	79
PHASE II (SR27 TO OLD HWY 27)	TCS-2	80
PHASE II (SR27 TO OLD HWY 27)	TCS-3	81
PHASE II (SR27 TO OLD HWY 27)	TCS-4	82
PHASE II (SR27 TO OLD HWY 27)	TCS-5	83
PHASE II (SR27 TO OLD HWY 27)	TCS-6	84
PHASE II (SR27 TO OLD HWY 27)	TCS-7	85
PHASE II (SR27 TO OLD HWY 27)	TCS-8	86
PHASE II (SR27 TO OLD HWY 27)	TCS-9	87
PHASE II (SR27 TO OLD HWY 27)	TCS-10	88
PHASE II (SR27 TO OLD HWY 27)	TCS-11	89
PHASE II (SR27 TO OLD HWY 27)	TCS-12	90
PHASE II (SR27 TO OLD HWY 27)	TCS-13	91
PHASE II (SR27 TO OLD HWY 27)	TCS-14	92
TRAFFIC CONTROL PLAN FOR INTERSECTIONS ON PARALLEL LANE CONSTRUCTION	TC-PL	92.1
TRAFFIC CONTROL PLAN - STRIPING OF TWO-WAY TRAFFIC FOR NO-PASSING ZONES	TC-19	92.2
DIRECTIONAL SIGN DETAILS	DSD-1	92.3
INTERSECTION DETAILS (12)		
STA. 625+50 & HWY 84	ID-1	93
STA. 724+27.17	ID-2	94
STA. 731+40	ID-3	95
STA. 796+91.79	ID-4	96
STA. 819+00	ID-5	97
STA. 870+40.07	ID-6	98
STA. 888+00	ID-7	99
STA. 904+46.57	ID-8	100
STA. 948+00	ID-9	100.01
STA. 964+00	ID-10	100.02
N.W. RAMP AND N.E. RAMP @ SR27	ID-11	100.03
S.W. RAMP AND S.E. RAMP @ SR27	ID-12	100.04

NEEL-SCHAFFER, INC.

PS & E PLANS-DATE...7-01-04		
REVISIONS		
DATE	SHEET NO.	BY
7-21-04	50, 51, 52	GSW
7-27-04	50, 51, 52	GSW
10-20-04	14, 15, 16, 17	GSW

FMS 102059/301000
102059/302000

115

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

REVISION | BY | DATE

PROJ. NH-0015-01(107)PH2
COUNTY: LINCOLN & LAWRENCE

FILENAME: index.dgn
DESIGN TEAM ____ CHECKED ____ DATE ____

WORKING NUMBER DI-1

SHEET NUMBER 2

STATE	PROJECT NO.
MISS.	NH-0015-01(107)PH2

FORM GRADES (14)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
AT B.O.P. TEMPORARY CONNECTION	FG-1	100.05
INTERSECTION @ STA. 724+27.17	FG-2	100.06
INTERSECTION @ STA. 731+40	FG-3	100.07
INTERSECTION @ STA. 796+91.79	FG-4	100.08
INTERSECTION @ STA. 819+00	FG-5	100.09
INTERSECTION @ STA. 888+00	FG-6	100.10
INTERSECTION @ STA. 904+46.57	FG-7	100.11
INTERSECTION @ STA. 948+00	FG-8	100.12
TEMPORARY CONNECTION @ 895+00 (1 of 2)	FG-9	100.13
TEMPORARY CONNECTION @ 895+00 (2 of 2)	FG-10	100.14
N.W. & S.W. RAMPS (US84)	FG-11	100.15
N.W. & N.E. RAMPS (SR27)	FG-12	100.16
S.W. & S.E. RAMPS (SR27)	FG-13	100.17
N.E. & S.E. RAMPS (US84)	FG-14	100.18

PERMANENT PAVEMENT MARKINGS (16)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN B.O.P. TO STA. 630+00	PMD-1	100.19
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 643+00. TO STA. 656+00	PMD-2	100.20
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 719+00 TO STA. 732+00	PMD-3	100.21
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 810+00 TO STA. 823+00	PMD-4	100.22
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 849+00 TO STA. 862+00	PMD-5	100.23
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 862+00 TO STA. 875+00	PMD-6	100.24
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 875+00 TO STA. 888+00	PMD-7	100.25
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 888+00 TO STA. 901+00	PMD-8	100.26
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 901+00 TO STA. 913+00	PMD-9	100.27
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 939+00 TO STA. 952+00	PMD-10	100.28
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 952+00 TO STA. 965+00	PMD-11	100.29
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 991+00 TO STA. 1004+00	PMD-12	100.30
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 17+00 TO STA. 26+00	PMD-13	100.31
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 32+00 TO STA. 45+00	PMD-14	100.32
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 1004+00 TO STA. 1017+00	PMD-15	100.33
PERMANENT PAVEMENT MARKINGS AND PERMANENT SIGNING PLAN 1017+00. TO STA. 1045+00	PMD-16	100.34

MISCELLANEOUS SPECIAL DESIGN SHEETS (15)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN)	TEC-D	100.35
BOX CULVERT BENDING DETAIL	BCBD	100.36
BASIC CULVERT DRAWING - SINGLE CELL	IBS-4-2W	100.37
WINGS WITH 3:1 SLOPE FOR BOX CULVERT DRAWING, SINGLE CELL, H=4-12FT, SPAN = 4-24FT (1 OF 2)	IWS-3	100.38
WINGS WITH 3:1 SLOPE FOR BOX CULVERT DRAWING, SINGLE CELL, H=4-12FT, SPAN = 4-24FT (2 OF 2)	IWS-3	100.39
BOX CULVERT DRAWINGS, IBS CULVERTS MODIFIED FOR HIGH COVER, WINGS WITH 3:1 SLOPE (1 OF 2)	IBSM-3W	100.40
BOX CULVERT DRAWINGS, IBS CULVERTS MODIFIED FOR HIGH COVER, WINGS WITH 3:1 SLOPE (2 OF 2)	IBSM-3W	100.41
BOX CULVERT DRAWINGS, 30° SKEW DETAILS, WINGS WITH 3:1 SLOPE, SINGLE & DOUBLE CELL	ISK-30-3W	100.42
EDGE DRAIN DETAIL (CONCRETE APRON AND RODENT SCREEN)	ED-1	100.43
DETAIL OF EDGE DRAIN	ED-2	100.44
VEGETATIVE SCHEDULE	VS-1	100.45
MISC. CONSTRUCTION DETAILS - TYPICAL 101 FT MEDIAN CROSSOVER	MCD-1	100.46
MISC. CONSTRUCTION DETAILS - TYPICAL 64 FT MEDIAN CROSSOVER	MCD-2	100.47
RURAL DRIVEWAYS FOR RT. LANE BETWEEN B.O.P. TO 895+00	RD-2	100.48
MISCELLANEOUS DETAILS - CONCRETE PAVED ISLANDS	MDD-1	100.49

STANDARD ROADWAY DRAWINGS (76)

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
BRIDGE END PAVEMENT		BE-1	107
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	(12-01-99)	PM-1	120
PAVEMENT MARKING DETAILS FOR 4 & 5-LANE UNDIVIDED ROADWAYS	(12-01-99)	PM-2	121
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS (PARALLEL & TAPER)	(12-01-99)	PM-3	122
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS (PARALLEL & TAPER)	(12-01-99)	PM-4	123
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
4-LANE TO 2-LANE TRANSITION AT INTERCHANGE	(03-01-02)	PM-8	126
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

STANDARD ROADWAY DRAWINGS (CONT.)

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
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: MODIFIED THRIE BEAM (STEEL POSTS)	(03-01-02)	GR-1C	183
GUARD RAIL: BRIDGE END SECTION TYPE "I" (WOOD POST)	(12-01-99)	GR-2F	190
GUARD RAIL: BRIDGE END SECTION TYPE "I" (STEEL POST)		GR-2G	191
GUARD RAIL: TYPE 1 CABLE ANCHORAGE (FOUNDATION TUBE)	(03-01-02)	GR-3	192
GUARD RAIL: TYPE 1 CABLE ANCHORAGE (CONCRETE FOOTING)	(03-01-02)	GR-3A	193
GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	(12-01-99)	GR-4	194
GUARD RAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON 2-LANE, 2-WAY HIGHWAYS	(03-01-02)	GR-4D	198
GUARD RAIL: MISCELLANEOUS HARDWARE	(03-01-02)	GR-HW	202
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-A-WAY SIGN SUPPORTS		SN-6	229
BREAK-A-WAY SIGN SUPPORTS		SN-6A	230
BREAK-A-WAY 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 INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS		SN-8	233
TYPICAL CROSSOVER DELINEATION	(12-01-99)	SN-8B	235
TYPICAL CROSSOVER DELINEATION	(03-01-02)	SN-8C	236
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 LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)		TCP-2	251
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)		TCP-3	252
4-LANE TO 2-LANE TRANSITION	(03-01-02)	TCP-6	255
2-LANE TO 4-LANE TRANSITION	(03-01-02)	TCP-7	256
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 MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS		TCP-11	260
TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSSOVER (WORK DAY ONLY)		TCP-13	262
TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS		TCP-14	263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	(12-01-99)	TCP-15	264
TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED ROADWAYS	(12-01-99)	TCP-16	265
RIGHT OF WAY MARKERS	(03-01-02)	RW-1	270
RURAL DRIVEWAYS		RD-1	271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	272
SIGHT FLARES	(12-01-99)	SF-1	273
SUPERELEVATION TRANSITION FOR LOCAL FACILITIES (V≤ 40 mph)		SE-1	275
SUPERELEVATION TRANSITION- CASE I (2% NORMAL SUBGRADE)	(03-01-02)	SE-2C	278
INTERCHANGE DESIGN FOR HIGH SPEED TAPERED EXIT RAMP		IR-1	283
INTERCHANGE DESIGN FOR HIGH SPEED PARALLEL ENTRANCE RAMP	(03-01-02)	IR-2A	286
DRIVEWAYS, CURB & GUTTER, & SIDEWALK		SD-1	287

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJ. NH-0015-01(107)PH2
COUNTY: LINCOLN & LAWRENCE

FILENAME: index.dgn
DESIGN TEAM _____ CHECKED _____ DATE _____

WORKING NUMBER DI-2

SHEET NUMBER 3

STATE	PROJECT NO.
MISS.	NH-0015-01(107)PH2

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
STANDARD ROADWAY DRAWINGS (CONT.)			
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 CULVERTS TO CONCRETE ARCH PIPE		JB-1A	303
BRANCH CONNECTIONS		BC-1	305
TYPE I MEDIAN INLET (24" PIPE & UNDER)	(03-01-02)	MI-1	306
TYPE II MEDIAN INLET (51" & UNDER)		MI-2	309
MEDIAN INLET (FLUSH WITH DITCH PLUG)		MI-4A	313
DETAILS OF GRATES FOR MEDIAN INLETS		IG-1	314
PAVED INLET APRON AND MEDIAN DITCH PLUG		PA-1	318
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
NORMAL UNERDRAIN TYPE II		UD-2	332
SPECIAL DESIGN BOX CULVERT DRAWINGS (10)			
BASIC CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL AND SKEWED CULVERTS GROUP I DIAGRAMS		IBJL-1	366.1
COLLAR DETAILS FOR BOX STRUCTURES		ICJ-1	367
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
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHTS 6 - 12 FT. - SPANS 6 - 24 FT.		IWS-3	374
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHTS 6 - 12 FT. - SPANS 6 - 24 FT.		IWS-3	375.2
BOX CULVERT DRAWING - IBS CULVERTS MODIFIED FOR HIGH COVER - WINGS WITH 3:1 SLOPE		IBSM-3W	380
BOX CULVERT DRAWING - IBS CULVERTS MODIFIED FOR HIGH COVER - WINGS WITH 3:1 SLOPE		IBSM-3W	381
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 - SINGLE & DOUBLE CELL CULVERTS		ISK-15-3W	397.2
CROSS SECTIONS (72)			
HWY 84 RIGHT LANE (STA. 626+04 TO 888+81)			901-966
LOCAL ROAD RT. OF STA. 625+ (STA. 14+64.39 TO 18+65)			967-970
LOCAL ROAD LT. OF STA. 796+92 (STA. 10+00 TO 14+50)			971-972
		TOTAL SHEETS	315

GENERAL NOTES

1. 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 MATERIAL AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
2. THE LOCATION AND SPACING OF SIGNS AS SHOWN ON THE TRAFFIC CONTROL PLANS ARE APPROXIMATE AND MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
3. THE TOP 3 FEET AND VARIABLE DEPTH OF THE DESIGN SOILS (BOTH NATURAL AND EMBANKMENT) SHALL BE CONSTRUCTED OF SOIL CLASSIFIED AS B9 OR BETTER, PER AASHTO DESIGNATION: M145-91, EXCEPT AT UNDERCUT LOCATIONS DESIGNATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER TO RECEIVE CLASS B9-6 BORROW EXCAVATION.
4. PAVED APRONS (PA-1) REQUIRED AT ALL MEDIAN INLETS.
5. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE M.U.T.C.D. (LATEST EDITION)
6. A TYPE "A" MEDIAN SILT BASIN WILL BE REQUIRED UPSTREAM OF EACH MEDIAN INLET (SEE WK. SH. NO. TEC-2 FOR DETAILS)
7. FOR A LIST OF PUBLIC UTILITIES, SEE WK. SH. NO. 3-LT.
8. EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF 4 BALES PER EVERY 25 TO 100 L.F. OF DITCH, 8 BALES PER INLET AND 4 BALES AT EACH PIPE OUTLET. THIS IS REQUIRED AS A TEMPORARY EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES ARE INSTALLED. THE ENGINEER WILL DETERMINE THE ACTUAL LOCATION AND NUMBER OF BALES DURING THE CONSTRUCTION OF THE PROJECT. (SEE WK. SH. NO. TEC-1 FOR DETAILS)
9. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS 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 LOCATED IN ADVANCE OF CONSTRUCTION. (CONTACT MISSISSIPPI ONE-CALL)
10. FLUORESCENT PRISMATIC ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN THE PLANS OTHERWISE.
11. SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND/OR E.O.P.. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
12. PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT ANY SIGNS WHICH MAY BE REQUIRED IN ISLANDS CAN BE LOCATED.
13. FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS (SEE ICJ-1 AND ICJS-1 FOR DETAILS)
14. ANYWHERE REFERENCE IS MADE TO THE PROJECT NO. SDP-015-01(107)PH2, IT SHALL BE UNDERSTOOD NH-0015-01(107)PH2 IS THE CORRECT PROJECT NO.
15. 23% SHRINKAGE FACTOR IN THE EARTHWORK COMPUTATIONS ARE FOR DESIGN ESTIMATING PURPOSES ONLY.
16. SLOPES SHALL BE DRESSED VERTICALLY WITH A BULLDOZER OR OTHER EQUIPMENT.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX & GENERAL NOTES

PROJ. NH-0015-01(107)PH2
COUNTY: LINCOLN & LAWRENCE

WORKING NUMBER DI-3

FILENAME: index.dgn

DESIGN TEAM ____ CHECKED ____ DATE ____

SHEET NUMBER 4