

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX & GENERAL NOTES	2
QUANTITIES	7
DESIGN SHEETS	34
SPECIAL DESIGN SHEETS	14
TOTAL SHEETS	58

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**TRAFFIC SIGNAL & PERMANENT SIGNING REPLACEMENT PROJECT
U.S. HIGHWAY 90
FEDERAL AID PROJECT NO. ER-NH-0003-01(108) B**

① 4-19-07

U.S. 90 BETWEEN RODENBURG AVE. AND THE
BILOXI/OCEAN SPRINGS BRIDGE
HARRISON COUNTY

FMS NO.: 104569/306000 & 104569/308000

STA. 1175 + 00 B.O.P.

SCALES
PLAN 1 IN. = 20 FT.
LAYOUT 1 IN. = 1600 FT.

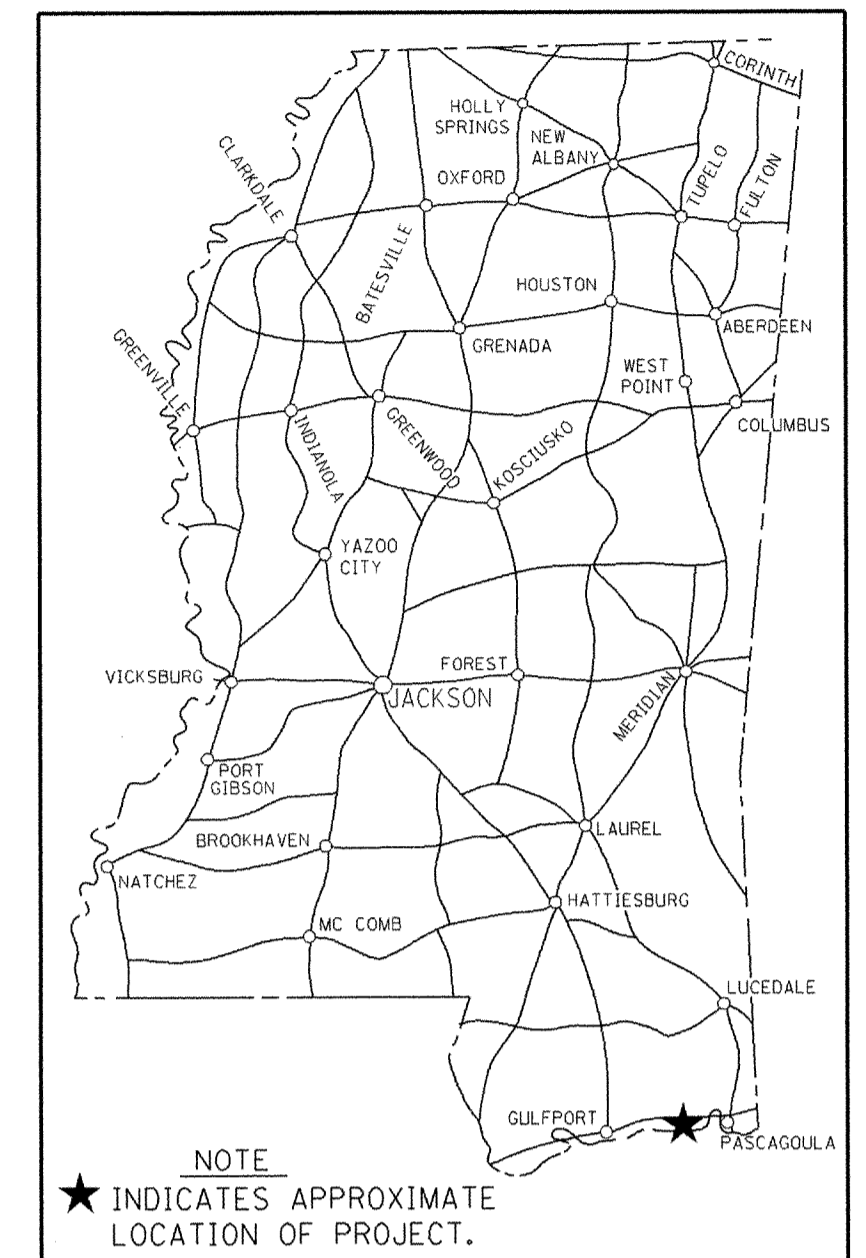
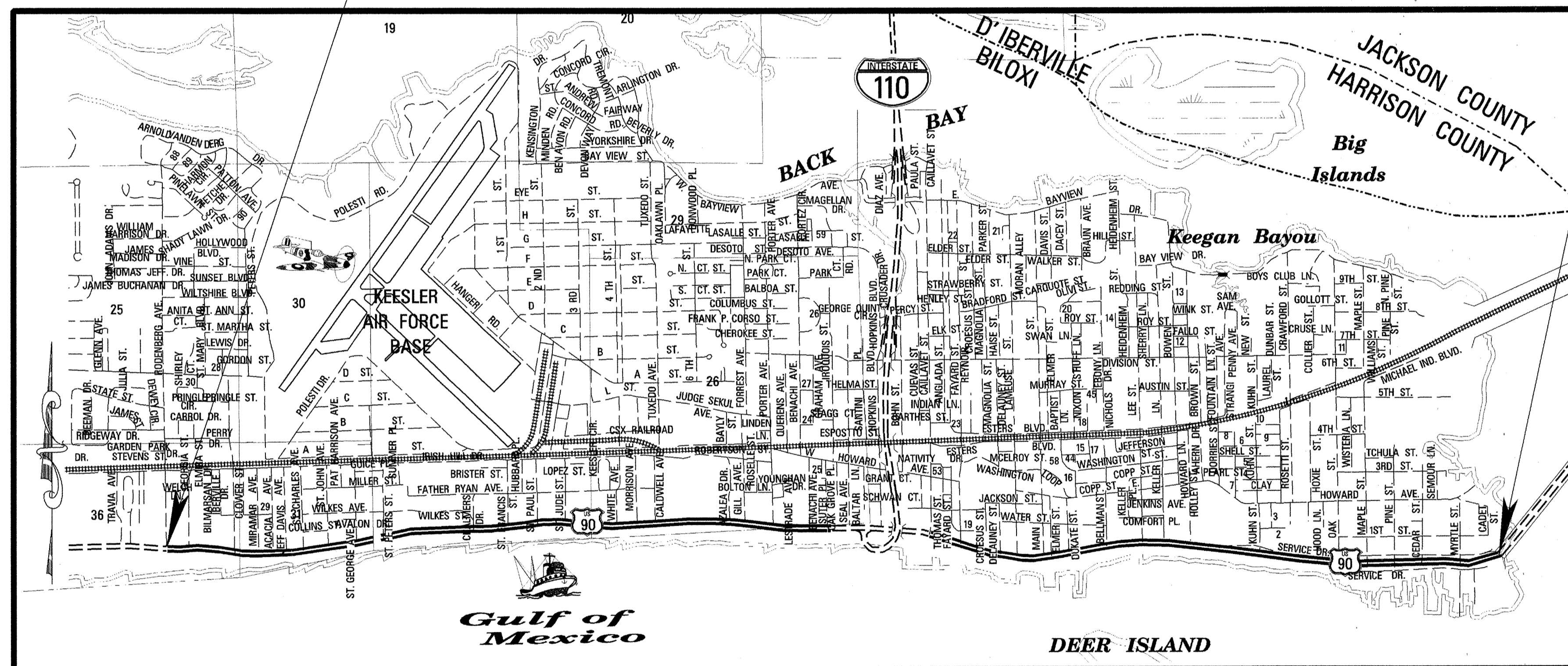
STA. 1430 + 00 E.O.P.

BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

DESIGN CONTROL

45 MPH = V (SPEED DESIGN)
ADT (2005) = 45000; ADT (2025) = 90000
DHV = 4500; D = 60%; T = 5%

PERMITS ACQUIRED BY MDOT

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

STORMWATER PERMIT N

Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + INTB 6484)

S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES/INTB 6483)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: JER DATE: 3/31/07

EQUATIONS

LEFT LANE:
 STA. 1337 + 28.13 BK = STA. 1337 + 29.69 AH -1.56 FT
 STA. 1431 + 06.74 BK = STA. 1431 + 10.03 AH -3.29 FT
 -4.85 FT.

RIGHT LANE:
 STA. 1337 + 28.13 BK = STA. 1337 + 29.69 AH -1.56 FT
 STA. 1420 + 29.70 BK = STA. 1420 + 31.06 AH -1.94 FT
 STA. 1431 + 13.31 BK = STA. 1431 + 10.03 AH + 3.28 FT
 -0.22 FT.

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	22345.15 FT.	4.232 MI.
LENGTH OF BRIDGES	NONE FT.	0.000 MI.
LENGTH OF PROJECT (NET)		4.232 MI.
LENGTH OF EXCEPTIONS	3100 FT.	0.587 MI.
LENGTH OF PROJECT (GROSS)		4.819 MI.

CONVENTIONAL SYMBOLS

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

ABMB
ENGINEERS, INC.

109

APPROVED:	<i>Larry Lee James</i>	4/19/07
BY	CHIEF ENGINEER	DATE
APPROVED:	<i>Samuel R. Penn</i>	4-19-07
BY	EXECUTIVE DIRECTOR	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR DATE		
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

INDEX TO DRAWINGS

STATE	PROJECT NO.
MISS.	ER-NH-0003-01(108)

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STANDARD ROADSIDE SIGN QUANTITIES	SRS-1	7
STANDARD ROADSIDE SIGN QUANTITIES	SRS-1A	8
STANDARD ROADSIDE SIGN QUANTITIES	SRS-1B	9
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TRAFFIC SIGNAL INSTALLATION -US HWY 90 @ BEAU RIVAGE GARAGE	TSI-3	13
TRAFFIC SIGNAL INSTALLATION -US HWY 90 @ CAILLAVET AVENUE	TSI-4	14
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TRAFFIC SIGNAL INSTALLATION -US HWY 90 @ OAK AVENUE	TSI-8	18
TRAFFIC SIGNAL INSTALLATION -US HWY 90 @ MAPLE AVENUE	TSI-9	19
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PERMANENT SIGNING PLAN -US HWY 90 @ BEAU RIVAGE GARAGE	PSP-3	24
PERMANENT SIGNING PLAN -US HWY 90 @ CAILLAVET AVENUE	PSP-4	25
PERMANENT SIGNING PLAN -US HWY 90 @ REYNOIR AVENUE	PSP-5	26
PERMANENT SIGNING PLAN -US HWY 90 @ LAMEUSE AVENUE	PSP-6	27
PERMANENT SIGNING PLAN -US HWY 90 @ MAIN AVENUE	PSP-7	28
PERMANENT SIGNING PLAN -US HWY 90 @ OAK AVENUE	PSP-8	29
PERMANENT SIGNING PLAN -US HWY 90 @ MAPLE AVENUE	PSP-9	30
PERMANENT SIGNING PLAN -US HWY 90 @ PINE AVENUE	PSP-10	31
PERMANENT SIGNING PLAN -US HWY 90 @ CEDAR AVENUE	PSP-11	32
PERMANENT SIGNING PLAN -US HWY 90 @ MYRTLE STREET	PSP-12	33
PERMANENT SIGNING PLAN -US HWY 90 @ STA: 1173+00 - 1232+00	PSP-13	34
PERMANENT SIGNING PLAN -US HWY 90 @ STA: 1232+00 - 1291+00	PSP-14	35
PERMANENT SIGNING PLAN -US HWY 90 @ STA: 1291+00 - 1345+00	PSP-15	36
PERMANENT SIGNING PLAN -US HWY 90 @ STA: 1345+00 - 1406+00	PSP-16	37
PERMANENT SIGNING PLAN -US HWY 90 @ STA: 1406+00 - 1472+71.994	PSP-17	38
PERMANENT SIGNING PLAN -US HWY 90 DETAIL SHEET-1	SDS-1	39
PERMANENT SIGNING PLAN -US HWY 90 DETAIL SHEET-2	SDS-2	40
PERMANENT SIGNING PLAN -US HWY 90 DETAIL SHEET-3	SDS-3	41
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SPECIAL DESIGN (13 SHEETS)		
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TYPICAL TRAFFIC CONTROL PLAN FOR TRAFFIC SIGNAL INSTALLATIONS	TSITCP-3	46
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LOOP DETECTOR DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-2	51
PULL BOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-3	52
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS AND MISC. DETAILS	TSD-4	53
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-5	54
CURB-CUT RAMPS	CCR-1	55
CURB-CUT RAMPS AND CROSSWALKS	CCR-2	56
STREET NAME SIGN DETAILS	SNS-1	57

- GENERAL NOTES:**
1. All signs, signals, pavement markings, and temporary traffic control devices are to conform to the Manual on Uniform Traffic Control Devices (latest edition).
 2. Underground utilities shown on plans are plotted in their approximate locations from the best information available to the Engineer. The Engineer does not guarantee their accuracy or guarantee that all utilities are shown. It is the responsibility of the contractor to locate all utilities.
 3. All raised objects to be placed a minimum of 2.0 feet behind face of curb. New Traffic Signal Poles to be placed a minimum of 8.0 feet behind face of curb unless written permission is authorized by Engineer. Placement of raised objects and new poles shall conform to A.D.A. requirements and AASHTO Roadside Design Guide clear zone standards.
 4. All poles, pullboxes and controllers shall be field located by the Engineer and the Contractor at the nearest practical location indicated on the plan sheets.
 5. Extend pole foundations to approximately 3 inches above the shoulder elevation or the top of curb elevation.
 6. Specifications from the MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION by MISSISSIPPI DEPARTMENT OF TRANSPORTATION, English 2004 edition will be used unless otherwise noted by special provisions.
 7. 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.
 8. Saw cutting is cost absorbed.
 9. All Controller Cabinets being installed as part of this project shall have a rear door.
 10. All existing traffic signal equipment, unless noted otherwise in the plans, is to be removed and salvaged by the contractor under pay item 646-A. The existing cabinets, controllers, traffic signal heads, traffic signal poles and other items as noted on the plans are to be delivered to MDOT Lyman project office (16499 Hwy 49, Saucier). All other signal equipment shall become the property of the contractor.
 11. Signs that need to be removed during construction shall be done by the Contractor at his expense. All traffic control signs installed or relocated within the right-of-way shall be done by the Contractor at his expense.
 12. All controllers shall be EAGLE EPAC M52 NEMA Controllers.
 13. Master controller shall be EAGLE EPAC M52 NEMA Controller with SE-MARC Master software.
 14. All cable denoted on the plans as VDC, POW, or RADIO shall be cost absorbed.
 15. Street Name Signs shall be cost absorbed.
 16. R1-1 signs on side street approaches shall be removed as directed by the engineer after traffic signals are installed and properly operational.
 17. Luminaires shall be on an isolated 30 amp circuit.
 18. Loops shall be installed prior to final asphalt lift.
 19. See NTB 1140 for traffic signal controller interconnect details.

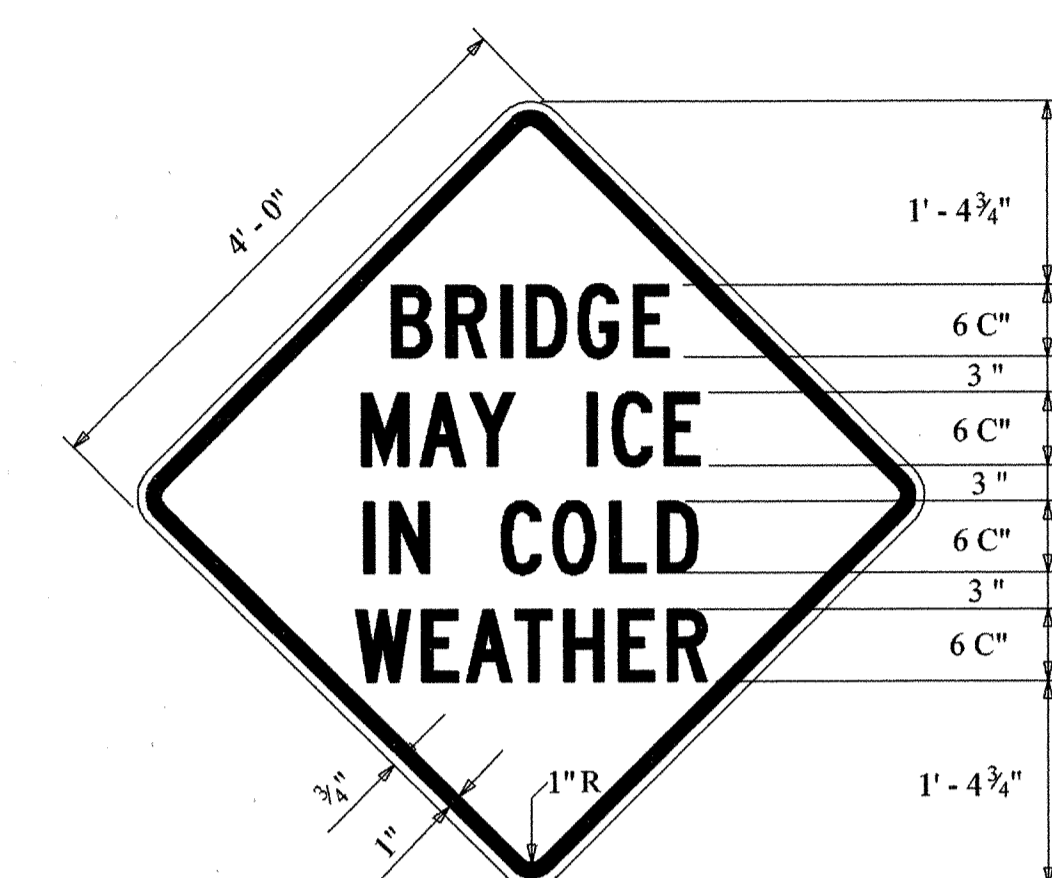
PS & E PLANS-DATE 4/19/07		
FMS CON. # 104569/306000 & 104569/308000		
REVISIONS		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX TO DRAWINGS AND GENERAL NOTES	
PROJ. NO: ER-NH-0003-01(108)	WORKING NUMBER
COUNTY: HARRISON	DI-1
FILENAME: INDEX.DGN	SHEET NUMBER
DESIGN TEAM: ABMB/JN	2
CHECKED: _____	DATE: _____

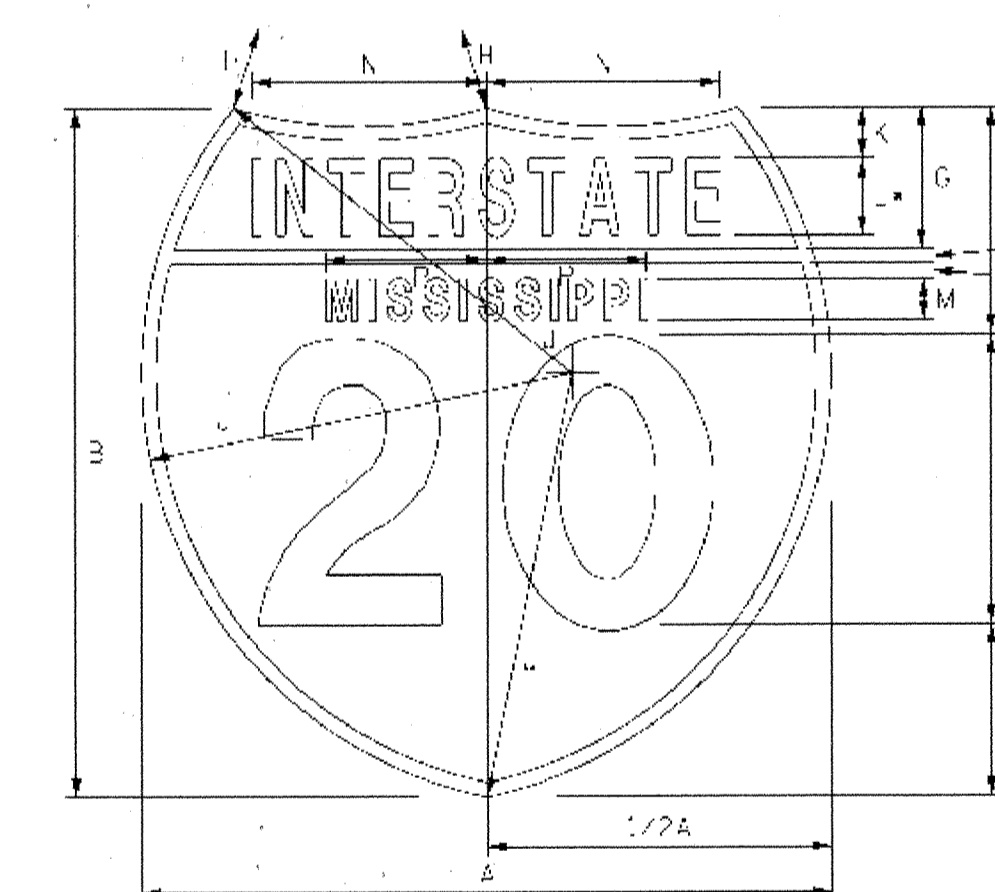
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 PLAN DIVISION
 ROADWAY PLAN
 02:02:APM/DNF/LEN/NAME
 MKDDYY

GENERAL SIGNING NOTES

1. EXISTING ADOPT A HIGHWAY SIGNS ARE TO REMAIN IN PLACE. ALL REMAINING MDOT SIGNS, EXCEPT AS DIRECTED BY ENGINEER, ARE TO BE REMOVED. ADOPT A HIGHWAY SIGNS WHICH CONFLICT WITH PROPOSED SIGNING (AS DIRECTED BY THE PROJECT ENGINEER) WILL BE RELOCATED BY MDOT.
2. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED WITH GRANULAR MATERIAL AND TAMPED IN ACCORDANCE WITH SECTION 203 OF STANDARD SPECIFICATIONS. THE BACKFILL MATERIAL IS NOT A SEPARATE PAY ITEM. THE REMOVAL IS TO BE PAID UNDER ITEM 202-A (LUMP SUM).
3. ALL EXCAVATION FOR THE SIGN POSTS OR FOOTINGS IS TO BE INCLUDED IN THE COST FOR OTHER ITEMS BID FOR CONSTRUCTION.
4. ALL EXISTING SIGNS, METAL SIGN SUPPORTS, TIMBER POLE SIGN SUPPORTS, ANY SUPPORT HARDWARE AND ALL SIGN MOUNTING HARDWARE REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
5. ERECTION DATES ARE TO BE LEGIBLY WRITTEN ON THE BACK OF ALL SIGNS WITH A BLACK GREASE PEN.
6. DIRECT APPLIED LEGEND, BORDERS, AND SHIELD ARE TO BE USED ON ALL GUIDE SIGNS.
7. ALL POST, PIPE, AND I-BEAM LENGTHS ARE ESTIMATED. CONTRACTOR IS RESPONSIBLE FOR PERFORMING FIELD ELEVATION SURVEY TO DETERMINE THE EXACT LENGTH REQUIRED. ALL NEW SIGNS SHALL BE COVERED UNTIL EXISTING SIGNS ARE REMOVED.
8. ALL EXISTING SIGNS WHICH WILL BE REMOVED AS A PART OF THIS PROJECT ARE TO REMAIN IN PLACE UNTIL NEW REPLACEMENT SIGNS HAVE BEEN ERECTED, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER.
9. THE LOCATION AND SPACING OF SIGNS SHOWN ON THE PLANS ARE APPROXIMATE. ALL SIGNS SHALL BE SPACED A MINIMUM OF 250 FEET APART WHERE POSSIBLE. THE ACTUAL LOCATION OF SIGNS WILL BE AS DIRECTED BY THE ENGINEER.
10. FOR THE SCHOOL ZONE ASSEMBLY SHOWN IN FIGURE 1, THE POST, 24" BACKPLATES, S4-3 SIGN, R2-1 SIGN AND S4-4 SIGN SHALL BE REPLACED. THE 8" FLASHING SIGNAL SECTION SHALL BE REUSED.
11. REFER TO SDS-1 FOR PLACEMENT LOCATION DETAILS FOR R5-1 SIGNS.
12. NEW SIGNS SHALL BE COMPLETELY INSTALLED PRIOR TO REMOVAL OF EXISTING SIGNS UNLESS OTHERWISE APPROVED BY THE ENGINEER.
13. ALL EXISTING SIGNS AND SUPPORTS NOT SHOWN ON PLANS ARE TO BE REMOVED AND DISCARDED UNLESS INDICATED OTHERWISE IN THE PLANS OR BY THE ENGINEER. THIS WORK SHALL BE PAID FOR UNDER PAY ITEM 202-A, REMOVAL OF OBSTRUCTION.
14. SIGNS THAT ARE MOUNTED TO TRAFFIC SIGNAL MAST ARM POLES SHALL BE ATTACHED USING 5/8" WIDTH, DARK BRONZE POWDER-COATED BAND STRAPPING AND CLIPS. COMMERCIALY AVAILABLE SIGN MOUNTING HARDWARE THAT IS DESIGNED FOR USE WITH THE PARTICULAR TYPE OF SIGN TO BE MOUNTED ON EACH TRAFFIC SIGNAL MAST ARM POLE SHALL BE USED. ALL SIGN MOUNTING STRAPPING AND HARDWARE IS TO BE COST ABSORBED.
15. R1-1 SIGNS ON SIDE STREET APPROACHES SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER TRAFFIC SIGNALS ARE INSTALLED AND PROPERLY OPERATIONAL.



BLACK TEXT/YELLOW BACKGROUND



* Series 2010 Standard Alphabet
 COLOR: LEGEND - WHITE (RETROREFLECTIVE)
 TOP - RED (RETROREFLECTIVE)
 BOTTOM - BLUE (RETROREFLECTIVE)

SIGN	A	B	C	D	E	F	G	H	J	K	L	M	N	P
1,2 DIGITS	24	24	0.5	8	10D	8	5	15	15	2	2.5C	1.5D	7.858	5.37
1,2 DIGITS	36	36	0.75	12	15D	9	7.5	22.5	22.5	2.75	4C	2.25D	12.246	8.055
1,2 DIGITS	48	48	1	16	20D	12	10	30	30	4	5C	3D	15.307	10.74
3 DIGITS	30	24	0.5	8	10D	8	5	24	17	2	2.5E	1.5D	10.911	5.37
3 DIGITS	45	36	0.75	12	15D	9	7.5	36	25.5	2.75	4E	2.25D	17.455	8.055
3 DIGITS	60	48	1	16	20D	12	10	48	34	4	5E	3D	21.818	10.74

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
PROJ.NO:ER-NH-0003-01(108) COUNTY: HARRISON	
DATE: _____ DESIGN TEAM: ABMB/JN CHECKED: JMR DATE: _____	WORKING NUMBER GN-2 SHEET NUMBER 3

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX	2
GENERAL NOTES	1
TYPICAL SECTIONS	4
QUANTITIES	8
PLAN AND PROFILES	44
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BRIDGE DRAWINGS	
SPECIAL DESIGN - BRIDGES	
CROSS-SECTIONS	

TOTAL SHEETS 123

①04-19-07

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. ER-NH-0003-01(108)A

U.S. 90 BETWEEN RODENBURG AVE. AND THE BILOXI/OCEAN SPRINGS BRIDGE
HARRISON COUNTY

SCALES

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

FMS NO.: 104569/306000

BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE

CONVENTIONAL SYMBOLS

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

EQUATIONS

LEFT LANE:

1182+84.980 BK =	1182+85.120 AH	-0.140 FT
1187+66.800 BK =	1187+68.290 AH	-1.490 FT
1193+64.340 BK =	1193+62.970 AH	1.370 FT
1195+76.440 BK =	1195+78.900 AH	-2.460 FT
1199+97.350 BK =	1200+01.700 AH	-4.350 FT
1223+80.500 BK =	1223+81.510 AH	-1.010 FT
1232+17.100 BK =	1232+11.490 AH	5.610 FT
1243+46.081 BK =	1243+44.392 AH	1.689 FT
1247+37.780 BK =	1247+38.420 AH	-0.640 FT
1254+75.240 BK =	1254+97.180 AH	-21.940 FT
1270+58.240 BK =	1270+59.190 AH	-0.950 FT
1283+82.150 BK =	1283+71.860 AH	10.290 FT
1290+35.130 BK =	1290+25.240 AH	9.890 FT
1305+37.720 BK =	1305+41.040 AH	-3.320 FT

LEFT LANE (CONT):

1317+85.290 BK =	1317+76.680 AH	8.610 FT
1319+74.540 BK =	1319+80.590 AH	-6.050 FT
1329+68.340 BK =	1329+68.210 AH	0.130 FT
1337+28.890 BK =	1337+29.690 AH	-0.800 FT
1345+66.000 BK =	1345+66.790 AH	-0.790 FT
1356+05.050 BK =	1357+00.000 AH	-94.950 FT
1367+71.540 BK =	1367+62.050 AH	9.490 FT
1402+46.640 BK =	1402+52.850 AH	-6.210 FT
1412+61.650 BK =	1412+61.110 AH	0.540 FT
1420+28.700 BK =	1420+25.810 AH	2.890 FT
-94.591 FT.		

RIGHT LANE:

1179+48.760 BK =	1179+44.550 AH	4.210 FT
1184+02.500 BK =	1183+98.480 AH	4.020 FT
1195+71.480 BK =	1195+72.870 AH	-1.390 FT
1199+13.540 BK =	1199+14.110 AH	-0.570 FT
1204+56.117 BK =	1204+55.360 AH	0.757 FT
1208+51.005 BK =	1208+50.260 AH	0.745 FT
1228+20.777 BK =	1228+16.026 AH	4.751 FT
1238+64.160 BK =	1238+65.120 AH	-0.960 FT
1252+07.270 BK =	1252+05.920 AH	1.350 FT
1257+57.518 BK =	1257+58.340 AH	-0.822 FT
1262+26.550 BK =	1262+48.680 AH	-22.130 FT
1272+09.450 BK =	1272+06.420 AH	3.030 FT
1279+38.896 BK =	1279+41.750 AH	-2.854 FT
1305+36.260 BK =	1305+39.520 AH	-3.260 FT

RIGHT LANE (CONT):

1321+53.500 BK =	1321+58.250 AH	-4.750 FT
1329+68.340 BK =	1329+68.210 AH	0.130 FT
1337+28.890 BK =	1337+29.690 AH	-0.800 FT
1345+66.000 BK =	1345+66.790 AH	-0.790 FT
1356+00.000 BK =	1357+00.000 AH	-100.000 FT
1367+91.190 BK =	1367+90.930 AH	0.260 FT

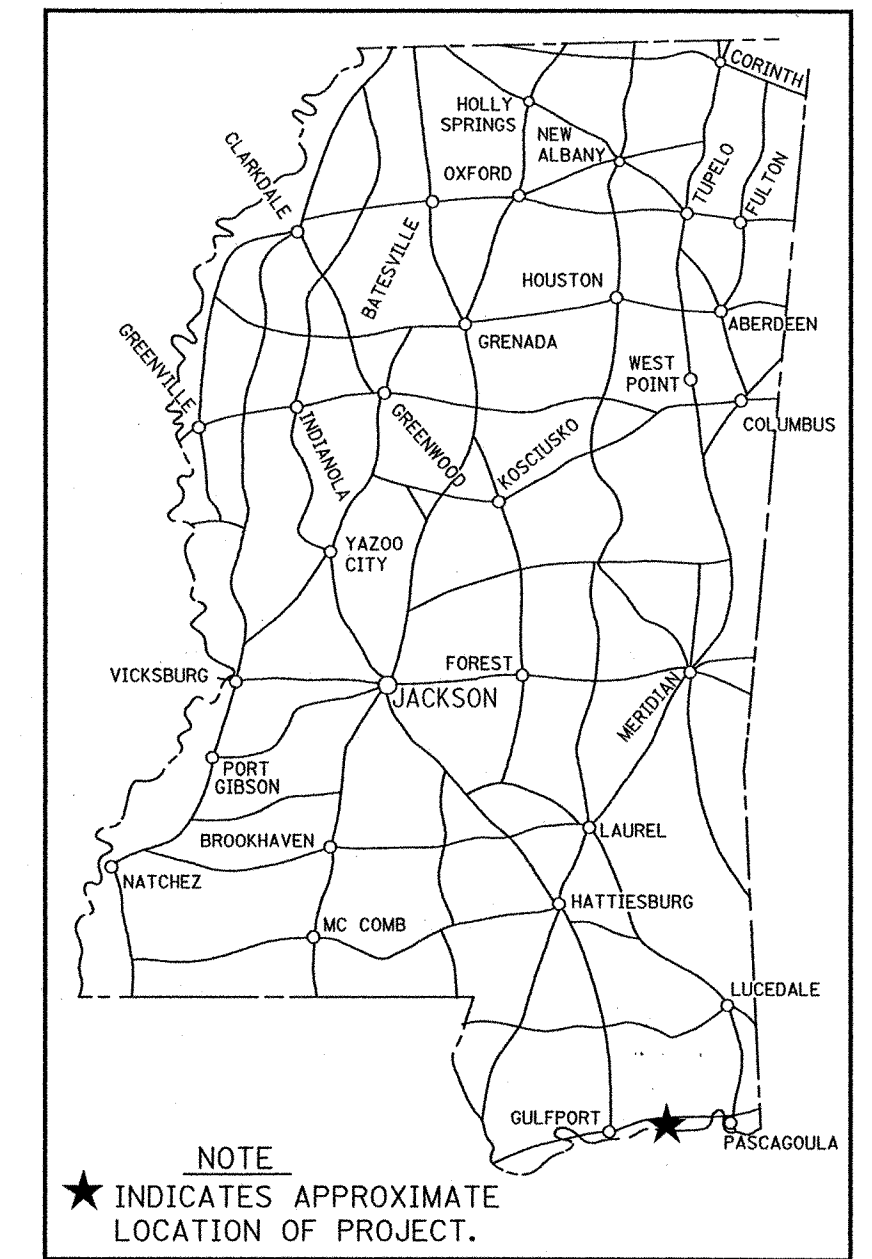
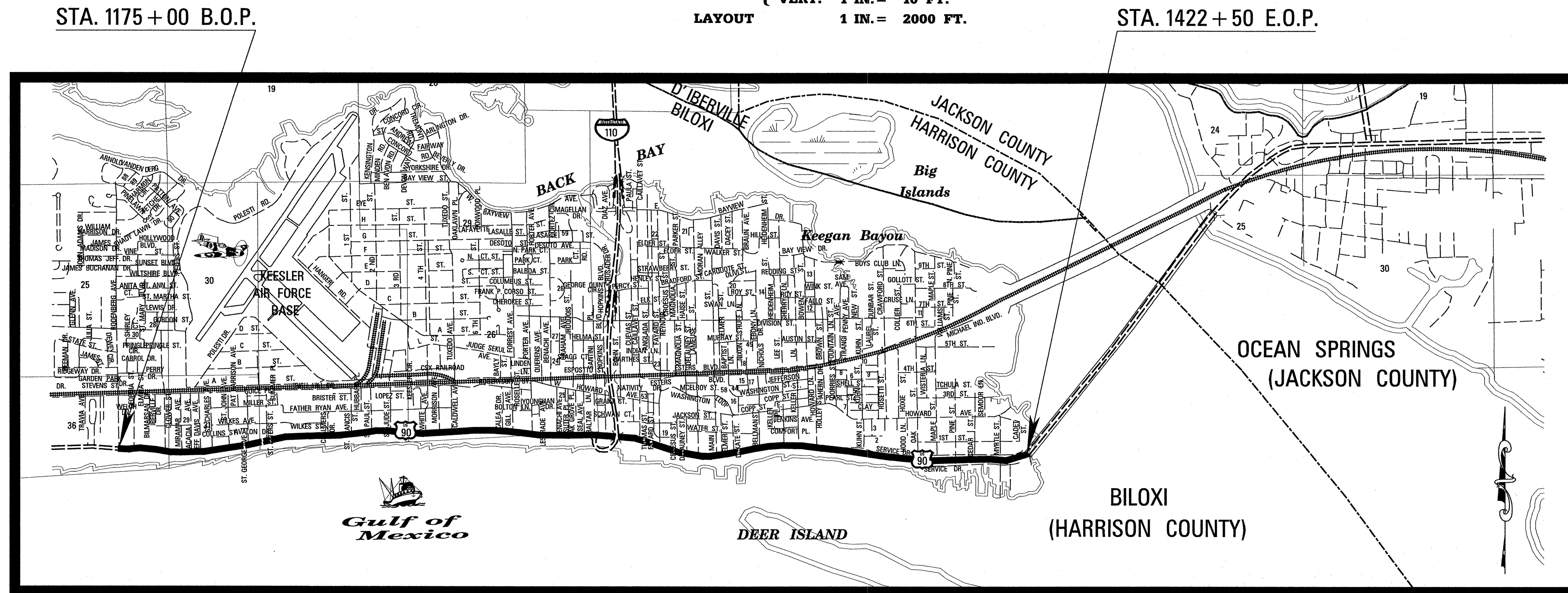
-119.073 FT.

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	24630.93 FT.	4.665 MI.
LENGTH OF BRIDGES	NONE FT.	0.000 MI.
LENGTH OF PROJECT (NET)		4.665 MI.
LENGTH OF EXCEPTIONS	NONE FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		4.665 MI.



DESIGN CONTROL	
MPH = V (SPEED DESIGN)	
ADT () = : ADT () =	
DHV = : D = % T = %	
PERMITS ACQUIRED BY MDOT	
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):	
NATIONWIDE #14	<input type="checkbox"/> WATERS <input type="checkbox"/> WETLANDS
NATIONWIDE (OTHER)*	<input type="checkbox"/> WATERS <input type="checkbox"/> WETLANDS
GENERAL*	<input type="checkbox"/> WATERS <input type="checkbox"/> WETLANDS
INDIVIDUAL (404)*	<input type="checkbox"/> WATERS <input type="checkbox"/> WETLANDS
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR	
STORMWATER PERMIT <input checked="" type="checkbox"/>	
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA=5 ACRES+(INTB 6484)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(INTB 6483)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)
APPROVED BY: ATM	DATE: 4-18-07

APPROVED:		
BY	<i>Harry Lee James</i>	4/18/07
DATE		
CHIEF ENGINEER		
BY	<i>Samuel R. Brown</i>	4-18-07
DATE		
EXECUTIVE DIRECTOR		
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DATE		
DIVISION ADMINISTRATOR		
FEDERAL HIGHWAY ADMINISTRATION		
DEPARTMENT OF TRANSPORTATION		

DESCRIPTION OF SHEET

WKG. SH.
NO. NO.

DESCRIPTION OF SHEET

WKG. SH.
NO. NO.

TITLE SHEET (1)

1

STA. 1345+00 - STA. 1351+00
 STA. 1351+00 - STA. 1358+00
 STA. 1358+00 - STA. 1362+00
 STA. 1362+00 - STA. 1368+00
 STA. 1368+00 - STA. 1374+00
 STA. 1374+00 - STA. 1380+00
 STA. 1380+00 - STA. 1386+00
 STA. 1386+00 - STA. 1392+00
 STA. 1392+00 - STA. 1398+00
 STA. 1398+00 - STA. 1404+00
 STA. 1404+00 - STA. 1410+00
 STA. 1410+00 - STA. 1416+00
 STA. 1416+00 - STA. 1422+00
 STA. 1422+00 - E.O.P.

32 47
 33 48
 34 49
 35 50
 36 51
 37 52
 38 53
 39 54
 40 55
 41 56
 42 57
 43 58
 44 59
 45 60

DETAILED INDEX & GENERAL NOTES (3)

DETAILED INDEX
 DETAILED INDEX
 GENERAL NOTES

DI-1 2
 DI-2 3
 GN-1 4

TYPICAL SECTION SHEETS (4)

TYPICAL SECTION - U.S. HIGHWAY 90 B.O.P. TO STA. 1296+00
 STA. 1327+00 TO STA. 1399+50
 TYPICAL SECTION - U.S. HIGHWAY 90 STA. 1296+00 TO STA. 1309+00
 STA. 1309+00 TO STA. 1318+41
 TYPICAL SECTION - U.S. HIGHWAY 90 STA. 1318+41 TO STA. 1327+00
 STA. 1399+50 TO E.O.P.
 TYPICAL SECTION - U.S. HIGHWAY 90 SERVICE ROADS

TS-1 5
 TS-2 6
 TS-3 7
 TS-4 8

PERMANENT MARKING DETAIL (30)

B.O.P. - STA. 1180+00
 STA. 1180+00 - STA. 1186+00
 STA. 1186+00 - STA. 1192+00
 STA. 1192+00 - STA. 1204+00
 STA. 1204+00 - STA. 1216+00
 STA. 1216+00 - STA. 1228+00
 STA. 1228+00 - STA. 1240+00
 STA. 1240+00 - STA. 1252+00
 STA. 1252+00 - STA. 1258+00
 STA. 1258+00 - STA. 1264+00
 STA. 1264+00 - STA. 1270+00
 STA. 1270+00 - STA. 1276+00
 STA. 1276+00 - STA. 1282+00
 STA. 1282+00 - STA. 1288+00
 STA. 1288+00 - STA. 1294+00
 STA. 1294+00 - STA. 1300+00
 STA. 1300+00 - STA. 1310+00
 STA. 1310+00 - STA. 1316+00
 STA. 1316+00 - STA. 1321+00
 STA. 1321+00 - STA. 1333+00
 STA. 1333+00 - STA. 1345+00
 STA. 1345+00 - STA. 1358+00
 STA. 1358+00 - STA. 1368+00
 STA. 1368+00 - STA. 1380+00
 STA. 1380+00 - STA. 1386+00
 STA. 1386+00 - STA. 1398+00
 STA. 1398+00 - STA. 1404+00
 STA. 1404+00 - STA. 1410+00
 STA. 1410+00 - STA. 1416+00
 STA. 1416+00 - STA. 1422+00

PMD-1 61
 PMD-2 62
 PMD-3 63
 PMD-4 64
 PMD-5 65
 PMD-6 66
 PMD-7 67
 PMD-8 68
 PMD-9 69
 PMD-10 70
 PMD-11 71
 PMD-12 72
 PMD-13 73
 PMD-14 74
 PMD-15 75
 PMD-16 76
 PMD-17 77
 PMD-18 78
 PMD-19 79
 PMD-20 80
 PMD-21 81
 PMD-22 82
 PMD-23 83
 PMD-24 84
 PMD-25 85
 PMD-26 86
 PMD-27 87
 PMD-28 88
 PMD-29 89
 PMD-30 90

QUANTITY SHEETS (8)

SUMMARY OF QUANTITIES
 SUMMARY OF QUANTITIES
 SUMMARY OF QUANTITIES

SQ-1 9
 SQ-2 10
 SQ-3 11

ESTIMATED QUANTITIES - CURB & GUTTER
 ESTIMATED QUANTITIES - PAVEMENT MARKINGS
 ESTIMATED QUANTITIES - REMOVAL ITEMS
 ESTIMATED QUANTITIES - DRAINAGE STRUCTURES
 ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS

EQ-1 12
 EQ-2 13
 EQ-3 14
 EQ-4 15
 TCQ-1 16

PLAN & PROFILE SHEETS (44)

B.O.P. - STA. 1180+00
 STA. 1180+00 - STA. 1186+00
 STA. 1186+00 - STA. 1192+00
 STA. 1192+00 - STA. 1198+00
 STA. 1198+00 - STA. 1204+00
 STA. 1204+00 - STA. 1210+00
 STA. 1210+00 - STA. 1216+00
 STA. 1216+00 - STA. 1222+00
 STA. 1222+00 - STA. 1228+00
 STA. 1228+00 - STA. 1234+00
 STA. 1234+00 - STA. 1240+00
 STA. 1240+00 - STA. 1246+00
 STA. 1246+00 - STA. 1252+00
 STA. 1252+00 - STA. 1258+00
 STA. 1258+00 - STA. 1264+00
 STA. 1264+00 - STA. 1270+00
 STA. 1270+00 - STA. 1276+00
 STA. 1276+00 - STA. 1282+00
 STA. 1282+00 - STA. 1288+00
 STA. 1288+00 - STA. 1294+00
 STA. 1288+00 - STA. 1294+00 (PARKING BAY)
 STA. 1294+00 - STA. 1300+00
 STA. 1300+00 - STA. 1306+00
 STA. 1306+00 - STA. 1310+00
 STA. 1310+00 - STA. 1316+00
 STA. 1316+00 - STA. 1321+00
 STA. 1321+00 - STA. 1327+00
 STA. 1327+00 - STA. 1333+00
 STA. 1333+00 - STA. 1339+00
 STA. 1339+00 - STA. 1345+00

3 17
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 31 46

PS & E PLANS-DATE: 04/19/07		
FMS CON. # 104563/306000		
REVISIONS		
DATE	SHEET NO.	BY

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DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS (7)			STANDARD DRAWINGS - ROADWAY SHEETS CONTINUED		
CONSTRUCTION SIGNING	CS-1	91	TRAFFIC CONTROL PLANS		
DETAILS, DRAINAGE STRUCTURES TYPES SS-5A, 5B, 5C MOD AND JB-MOD	DDST-5	92	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO WAY TRAFFIC)	TCP-1	250
SPECIAL DESIGN STORM SEWER STRUCTURE TYPE SS-5A, 5B & 5C	SS-5	93	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
SPECIAL DESIGN CASTING FOR STORM SEWER STRUCTURE, TYPE SS-5A, 5B & 5C	SS-5E	94			
DETAIL DRAINAGE SS-5 INLET TOP REMOVAL AND REPLACEMENT	SS-5RR	95			
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	96			
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE;MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)	SDTCP-3	97	SHORT DURATION CLOSING OF DIVIDED HIGHWAYS	TCP-9	258
			HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-10	259
MISCELLANEOUS SHEETS (1)			TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	12-01-99 TCP-11	260
GUARD POST DETAILS	GP-2	98	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 HIGHWAYS	12-01-99 TCP-16	265
STANDARD DRAWINGS - ROADWAY SHEETS (25)			MISCELLANEOUS ROADWAY DETAILS		
PAVEMENT MARKINGS			DRIVEWAYS, CURB & GUTTER, & SIDEWALK	SD-1	287
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	12-01-99 PM-1	120	CURB-CUT RAMP	03-01-02 CCR-1	289
PAVEMENT MARKING DETAILS FOR 4 & 5-LANE UNDIVIDED ROADWAYS	12-01-99 PM-2	121			
PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMP (PARALLEL & TAPER)	12-01-99 PM-3	122	DRAINAGE		
PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMP (PARALLEL & TAPER)	12-01-99 PM-4	123	PIPE CULVERT INSTALLATION	PI-1	300
PAVEMENT MARKING LEGEND DETAILS	PM-5	124	PIPE COLLAR - CONCRETE	PC-1	301
PAVEMENT MARKING LEGEND DETAILS	PM-6	125	JUNCTION BOX FOR PIPE CULVERTS	JB-1	302
			JUNCTION BOX TYPE 2 FOR TRAFFIC LOAD	JB-2	304
			STORM SEWER STRUCTURE-TYPE SS-2	SS-2	322
EROSION CONTROL					
EROSION CONTROL	EC-1	140			
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES, & BRUSH BARRIER)	TEC-1	142			
PROTECTIVE BARRIERS					
GUARD RAIL : "W" BEAM (STEEL POSTS)	03-01-02 GR-1B	182			
GUARD RAIL : TYPE 1 CABLE ANCHORAGE - (CONCRETE FOOTING)	03-01-02 GR-3A	193			

04/12/2007 DI-2.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
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GENERAL NOTES

1. PUBLIC UTILITIES

A. MISSISSIPPI POWER	228-435-6025
B. CENTER POINT ENERGY-ENTEX	896-7500
C. BELL SOUTH	1-800-855-1155
D. CABLE ONE	228-374-5900
E. CITY OF BILOXI	435-6271
2. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
3. CONTRACTOR IS ADVISED THAT UTILITY REPAIR/REPLACEMENT WORK BY OTHERS WILL BE ONGOING DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH ALL OTHERS PERFORMING WORK IN THE VICINITY OF THE PROJECT AREA.
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. 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.
6. 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.
7. SOME WORK IS 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.
8. FLOURESCENT 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.
9. REMOVAL OF RAISED PAVEMENT MARKERS NOT A SEPARATE PAY ITEM.
10. ALL PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC, 24 INCH 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).
11. THE CONTRACTOR IS TO REMOVE AND RESET ANY SIGNS WHICH CONFLICT WITH CONSTRUCTION (NOT A SEPARATE PAY ITEM).

12. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHOULD COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
13. TEMPORARY STRIPING SHALL CONFORM TO FINISH STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
14. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
15. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
16. 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.
17. ALL OBSTRUCTIONS WHICH 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 FILLED WITH FLOWABLE FILL (PAY ITEM 631-A).
18. CONES SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 27 INCHES AND A MINIMUM WEIGHT OF 10 lbs. CONES USED IN SPEED ZONES EQUAL TO OR GREATER THAN 45 MPH SHALL BE NARROW PROFILE WITH A MINIMUM HEIGHT OF 27 INCHES AND A MINIMUM WEIGHT OF 15 lbs. ALL CONES SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.
19. PRIOR TO POURING PAVED ISLANDS OR MEDIANS, LOCATION OF TRAFFIC SIGNS SHALL BE APPROVED BY ENGINEER.
20. REFER TO TRAFFIC SIGNAL & PERMANENT SIGNING REPLACEMENT PROJECT PLANS FOR CURB RAMP LOCATIONS AT SIGNALIZED INTERSECTIONS AND REFER TO STANDARD DRAWINGS FOR OTHER LOCATIONS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 PLANNING SECTION
 PLAN NO. 0-103 SECTION 1

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
GENERAL NOTES	
PROJ. NO: ER-NH-0003-01(108) COUNTY: HARRISON	WORKING NUMBER GN-1
FILENAME: GN-1.DGN DESIGN TEAM _____ CHECKED _____ DATE _____	SHEET NUMBER 4