

**GENERAL INDEX**

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX & GENERAL NOTES	2
QUANTITIES	5
DESIGN SHEETS	19
SPECIAL DESIGN SHEETS	12
<b>TOTAL SHEETS</b>	<b>39</b>

**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(106)B**

05-15-07

U.S. 90 BETWEEN DEBUYS RD.  
AND RODENBURG AVE. IN BILOXI  
HARRISON COUNTY

FMS NO.: 104569304000 & 104569309000

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

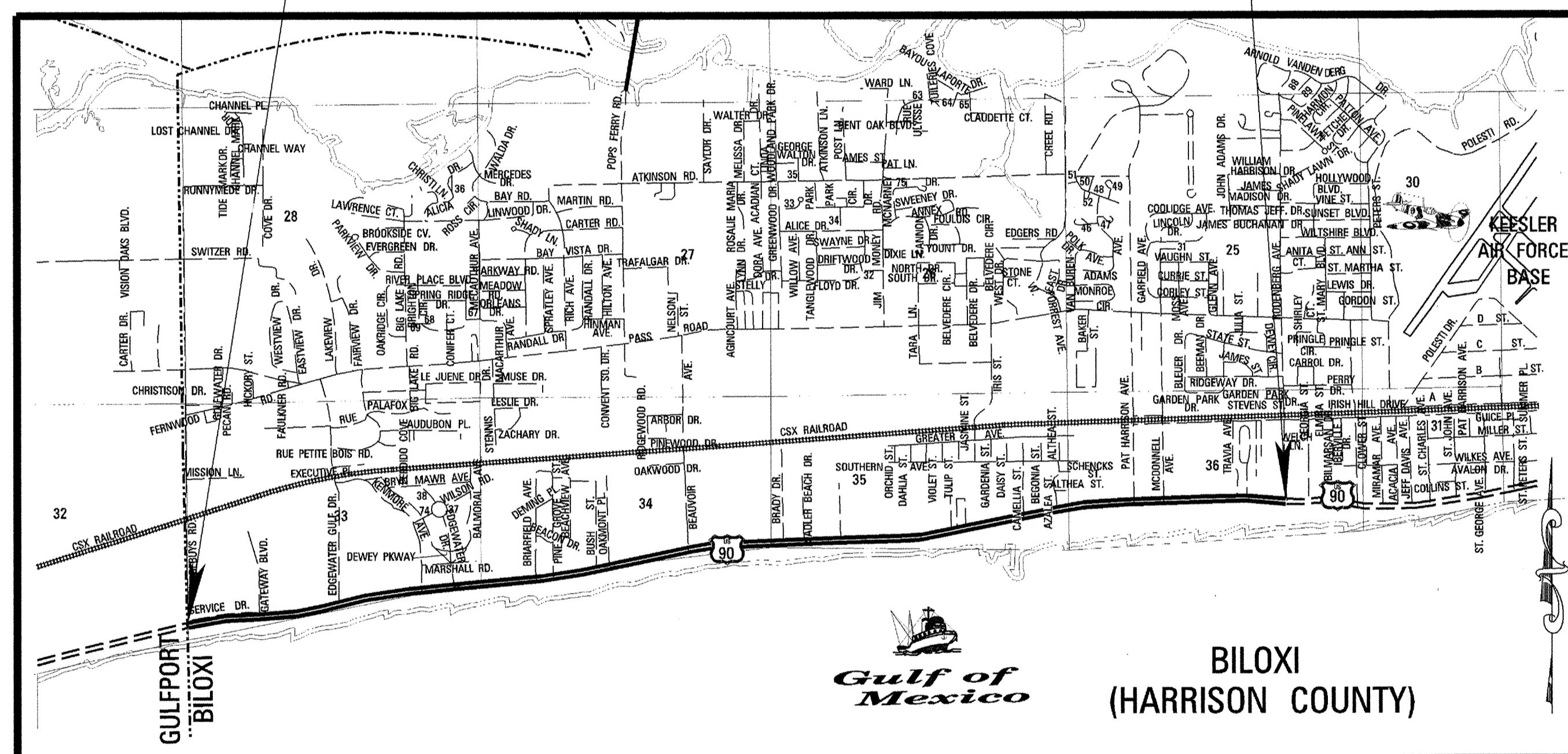
**BRIDGE STRUCTURES REQ'D.**

**NONE**

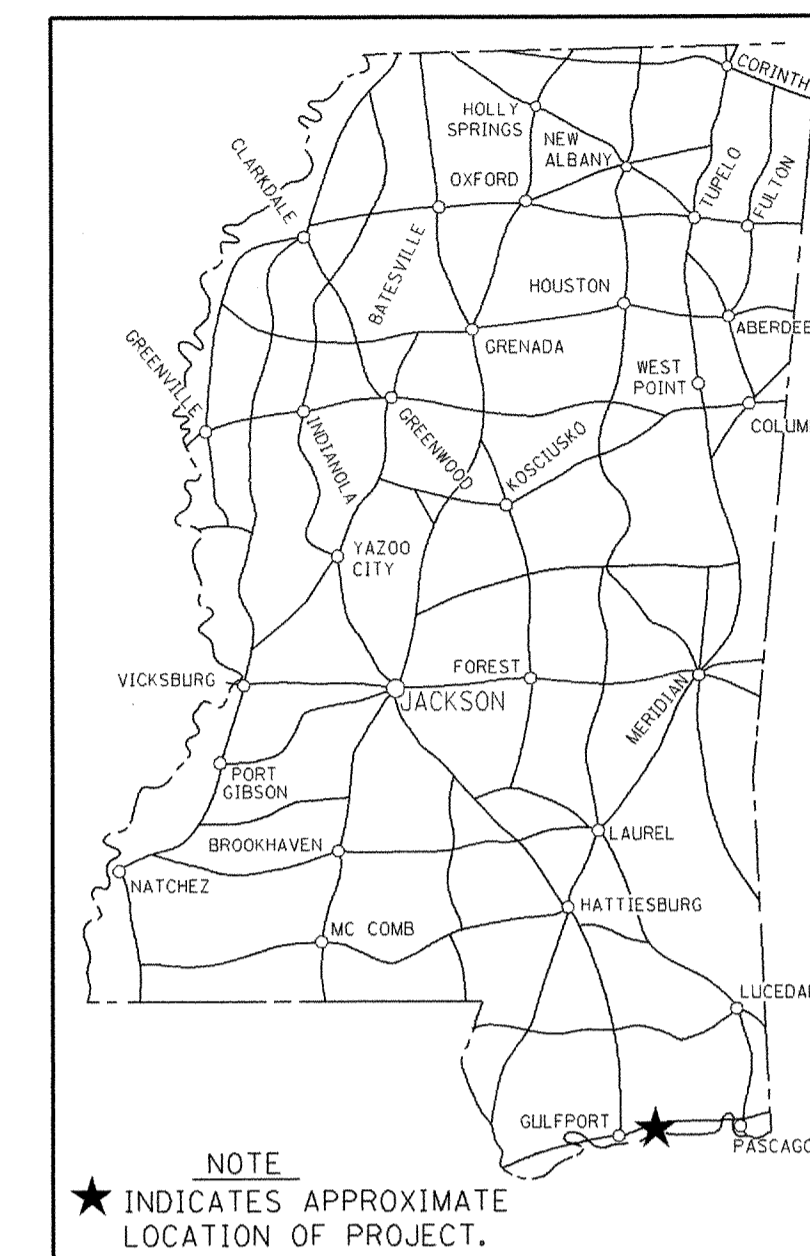
**BOX BRIDGES REQ'D.**

**NONE**

STA. 973+40 B.O.P. STA. 1175+00 E.O.P.



FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	ER-NH-0003-01(106)B	1



**DESIGN CONTROL**

45 MPH = V (SPEED DESIGN)

ADT (2005) = 45000; ADT (2025) = 90000

DHV = 4500; D = 60%; T = 5%

**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: JER DATE: 3/1/07

**EQUATIONS**

LEFT LANE:

STA. 985+60.00 BK =	STA. 985+53.80 AH + 6.20 FT.
STA. 1023+03.74 BK =	STA. 1022+92.02 AH + 11.72 FT.
STA. 1041+76.46 BK =	STA. 1042+04.37 AH - 27.91 FT.
STA. 1084+23.48 BK =	STA. 1084+24.23 AH - 0.75 FT.
STA. 1092+27.09 BK =	STA. 1092+25.58 AH + 1.51 FT.
STA. 1103+34.93 BK =	STA. 1103+34.72 AH + 0.21 FT.
STA. 1120+72.21 BK =	STA. 1120+72.41 AH - 0.20 FT.
STA. 1160+06.46 BK =	STA. 1160+52.97 AH - 2.00 FT.
STA. 1169+52.27 BK =	STA. 1169+52.97 AH - 0.70 FT.

RIGHT LANE:

STA. 1048+44.21 BK =	STA. 1048+66.39 AH - 22.18 FT.
STA. 1064+32.19 BK =	STA. 1064+32.89 AH - 0.70 FT.
STA. 1092+91.70 BK =	STA. 1092+91.92 AH - 0.22 FT.
STA. 1116+46.45 BK =	STA. 1116+51.95 AH - 5.50 FT.
STA. 1127+28.29 BK =	STA. 1127+28.39 AH - 0.10 FT.
STA. 1137+91.23 BK =	STA. 1137+91.99 AH - 0.76 FT.
STA. 1165+18.72 BK =	STA. 1165+71.42 AH - 2.70 FT.

-32.16 FT.

**EXCEPTIONS**

NONE

**LENGTH DATA**

LENGTH OF ROADWAY	20,273.08 FT.	3.839 MI.
LENGTH OF BRIDGES	NONE FT.	0.000 MI.
LENGTH OF PROJECT (NET)		3.839 MI.
LENGTH OF EXCEPTIONS	NONE FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		3.839 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.

APPROVED: *Harry Lee James* 5/14/07  
 CHIEF ENGINEER DATE

*[Signature]* 05-14-07  
 EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
 DIVISION ADMINISTRATOR DATE

FEDERAL HIGHWAY ADMINISTRATION  
 DEPARTMENT OF TRANSPORTATION

## INDEX TO DRAWINGS

TITLE	WORKING NUMBER	SHEET NUMBER
<b>GENERAL (8 SHEETS)</b>		
TITLE SHEET	1	1
DETAILED INDEX TO DRAWINGS AND GENERAL NOTES	DI-1	2
GENERAL SIGNING NOTES	GN-1	3
SUMMARY OF QUANTITIES	SQ-1	4
SUMMARY OF PERMANENT SIGNING QUANTITIES	SQS-1	5
DIRECTIONAL SIGN QUANTITIES	DSQ-1	6
STANDARD ROAD SIGN QUANTITIES	SRS1	7
STANDARD ROAD SIGN QUANTITIES	SRS1A	8
STANDARD ROAD SIGN QUANTITIES	SRS1B	8.1
<b>DESIGN SHEETS (19 SHEETS)</b>		
TRAFFIC SIGNAL INSTALLATION - US HWY 90 @ DE BUYS ROAD	TSI-1	9
TRAFFIC SIGNAL INSTALLATION - US HWY 90 @ EISENHOWER AVENUE	TSI-2	10
TRAFFIC SIGNAL INSTALLATION - US HWY 90 @ EAST MALL ENTRANCE	TSI-3	11
TRAFFIC SIGNAL INSTALLATION - US HWY 90 @ COLISEUM ENTRANCE	TSI-4	12
TRAFFIC SIGNAL INSTALLATION - US HWY 90 @ BEAUVOIR AVENUE	TSI-5	13
TRAFFIC SIGNAL REMOVAL - US HWY 90 @ PRESIDENT CASINO	TSI-6	14
TRAFFIC SIGNAL REMOVAL - US HWY 90 @ BROADWATER TOWERS	TSI-7	15
TRAFFIC SIGNAL INSTALLATION - US HWY 90 @ TREASURE BAY CASINO	TSI-8	16
TRAFFIC SIGNAL INSTALLATION - US HWY 90 @ CAMELLIA AVENUE	TSI-9	17
TRAFFIC SIGNAL INSTALLATION - US HWY 90 @ VETERANS AVENUE	TSI-10	18
TRAFFIC SIGNAL INSTALLATION - US HWY 90 @ RODENBURG AVENUE	TSI-11	19
PERMANENT SIGNING PLAN - US HWY 90 @ STA: 969+00 - 1028+00	PSP-1	20
PERMANENT SIGNING PLAN - US HWY 90 @ STA: 1028+00 - 1088+00	PSP-2	21
PERMANENT SIGNING PLAN - US HWY 90 @ STA: 1088+00 - 1148+00	PSP-3	22
PERMANENT SIGNING PLAN - US HWY 90 @ STA: 1148+00 - 1172+00	PSP-4	23
PERMANENT SIGNING PLAN - US HWY 90 DETAIL SHEET	SDS-1	24
PERMANENT SIGNING PLAN - US HWY 90 DETAIL SHEET	SDS-2	25
PERMANENT SIGNING PLAN - US HWY 90 DETAIL SHEET	SDS-3	26
PERMANENT SIGNING DETAILS	PSD-1	27
<b>SPECIAL DESIGN SHEETS (12 SHEETS)</b>		
TYPICAL TRAFFIC CONTROL PLAN FOR TRAFFIC SIGNAL INSTALLATIONS	TSITCP-1	28
TYPICAL TRAFFIC CONTROL PLAN FOR TRAFFIC SIGNAL INSTALLATIONS	TSITCP-2	29
TYPICAL TRAFFIC CONTROL PLAN FOR TRAFFIC SIGNAL INSTALLATIONS	TSITCP-3	30
TYPICAL TRAFFIC CONTROL PLAN FOR TRAFFIC SIGNAL INSTALLATIONS	TSITCP-4	31
TYPICAL TRAFFIC CONTROL PLAN FOR TRAFFIC SIGNAL INSTALLATIONS	TSITCP-5	32
TYPICAL TRAFFIC CONTROL PLAN FOR TRAFFIC SIGNAL INSTALLATIONS	TSITCP-6	33
DETAIL OF TRAFFIC SIGNAL HEADS, TRAFFIC SIGNAL SIGNS, AND GENERAL NOTES	TSD-1	34
LOOP DETECTOR DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-2	35
PULL BOX AND CONDUIT TRENCHING DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-3	36
TYPICAL DETAILS OF CONTROLLER CABINET MOUNTINGS, TYPE 1 POLE ATTACHMENTS AND MISCELLANEOUS DETAILS	TSD-4	37
MAST ARM AND PEDESTAL POLE DETAILS FOR TRAFFIC SIGNAL INSTALLATION	TSD-5	38
STREET NAME SIGN DETAIL	SNS-1	39

### 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 1195 for traffic signal controller interconnect details.

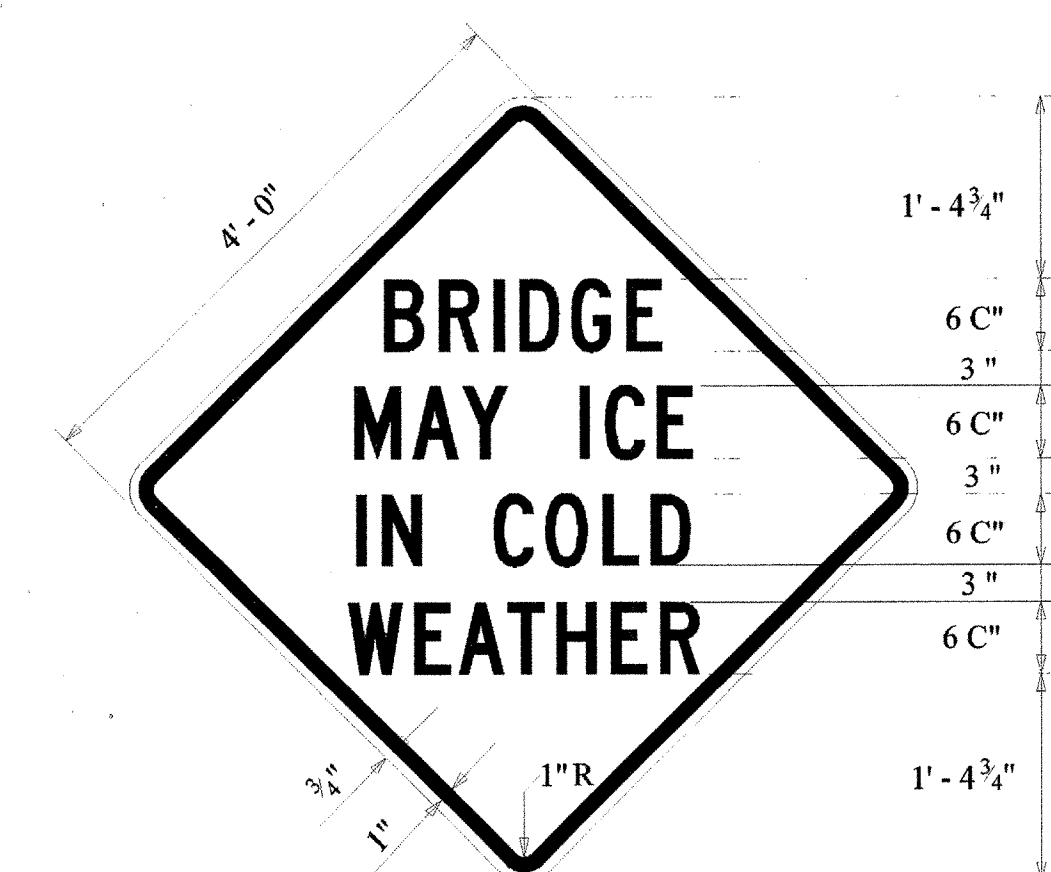
PS & E PLANS-DATE 05-14-07		
FMS CON. # 104569/304 & 309000		
REVISIONS		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX TO DRAWINGS AND GENERAL NOTES	
PROJ. NO: ER-NH-0003-01(106)B COUNTY: HARRISON	WORKING NUMBER DI-1
FILENAME: INDEX.DGN DESIGN TEAM: ABMB/JN    CHECKED:    DATE:	SHEET NUMBER 2

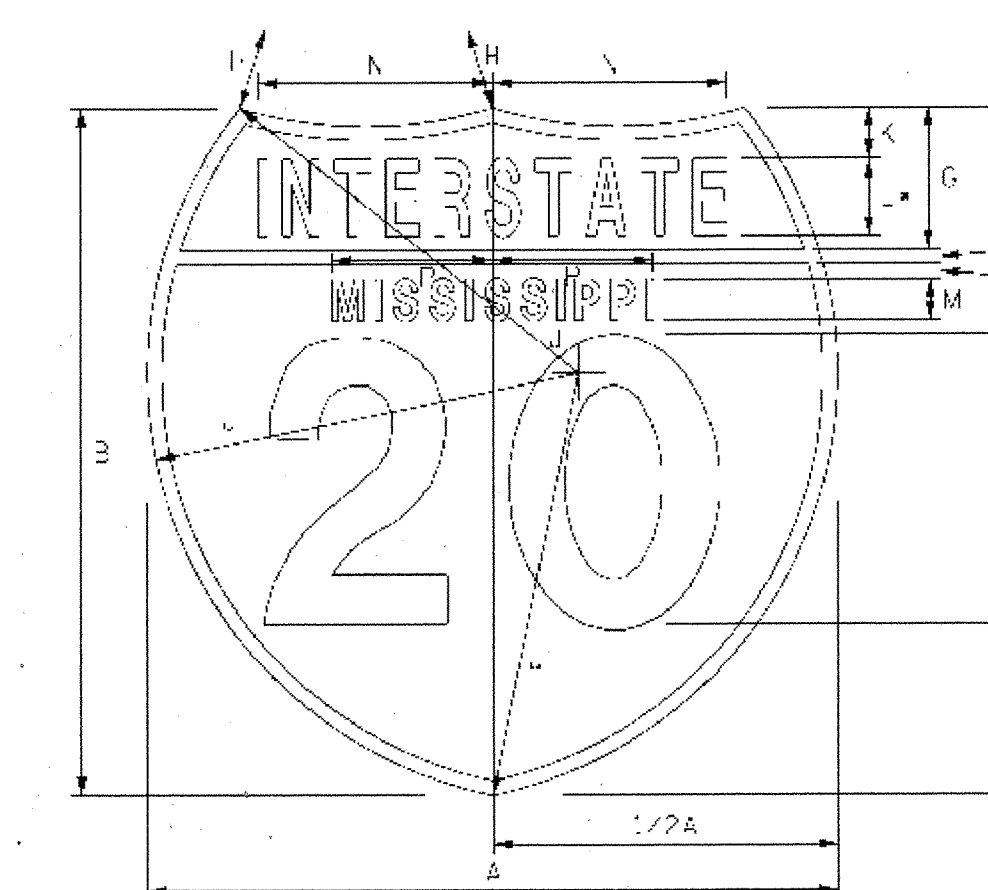


## GENERAL SIGNING NOTES

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 2000 Standard Alphabets  
 COLORS: 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	6	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	6	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	
<b>GENERAL NOTES</b>	
PROJ.NO:ER-NH-0003-01(106) COUNTY: HARRISON	
WORKING NUMBER GN-2	SHEET NUMBER 3
FILENAME: gn-1.dgn DESIGN TEAM: ABMB/JN CHECKED: JMR DATE:	DATE:

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	3
QUANTITIES	9
PLAN AND PROFILES	39
SPECIAL DESIGN - ROADWAY ITEMS	47
BRIDGE DRAWINGS	0
SPECIAL DESIGN - BRIDGES	0
CROSS-SECTIONS	0
<b>TOTAL SHEETS</b>	<b>102</b>

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. ER-NH-0003-01(106)A**

U.S. 90 - BETWEEN DEBUYS RD. IN GULFPORT AND RODENBURG AVE. IN BILOXI HARRISON COUNTY

05-15-07

SCALES

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

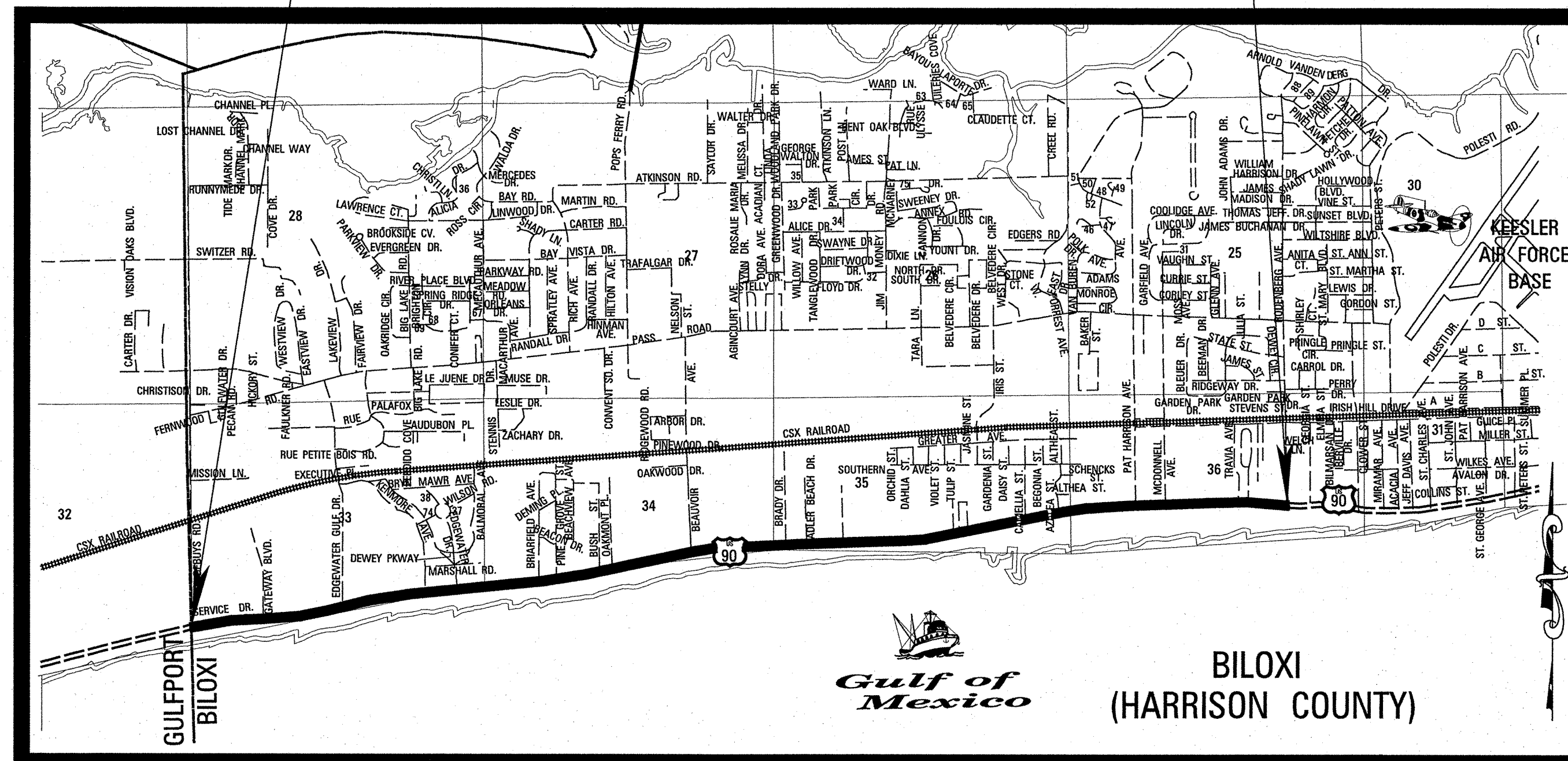
FMS NO.: 104569304000

STA. 973+40 B.O.P.

STA. 1175+00 E.O.P.

BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REQ'D.



CONVENTIONAL SYMBOLS

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

EXCEPTIONS  
NONE

EQUATIONS

LEFT LANE:

988 + 71.953 BK	=	988 + 72.180 AH	- 0.227 FT.
1004 + 28.991 BK	=	1004 + 32.720 AH	- 3.729 FT.
1016 + 95.747 BK	=	1016 + 89.420 AH	+ 6.327 FT.
1042 + 60.180 BK	=	1042 + 87.560 AH	- 27.38 FT.
1092 + 25.767 BK	=	1092 + 23.640 AH	+ 2.127 FT.
1141 + 72.753 BK	=	1141 + 73.000 AH	- 0.247 FT.
1171 + 76.746 BK	=	1171 + 76.120 AH	+ 0.626 FT.
1182 + 84.980 BK	=	1182 + 85.120 AH	- 0.140 FT.
			- 22.643 FT.

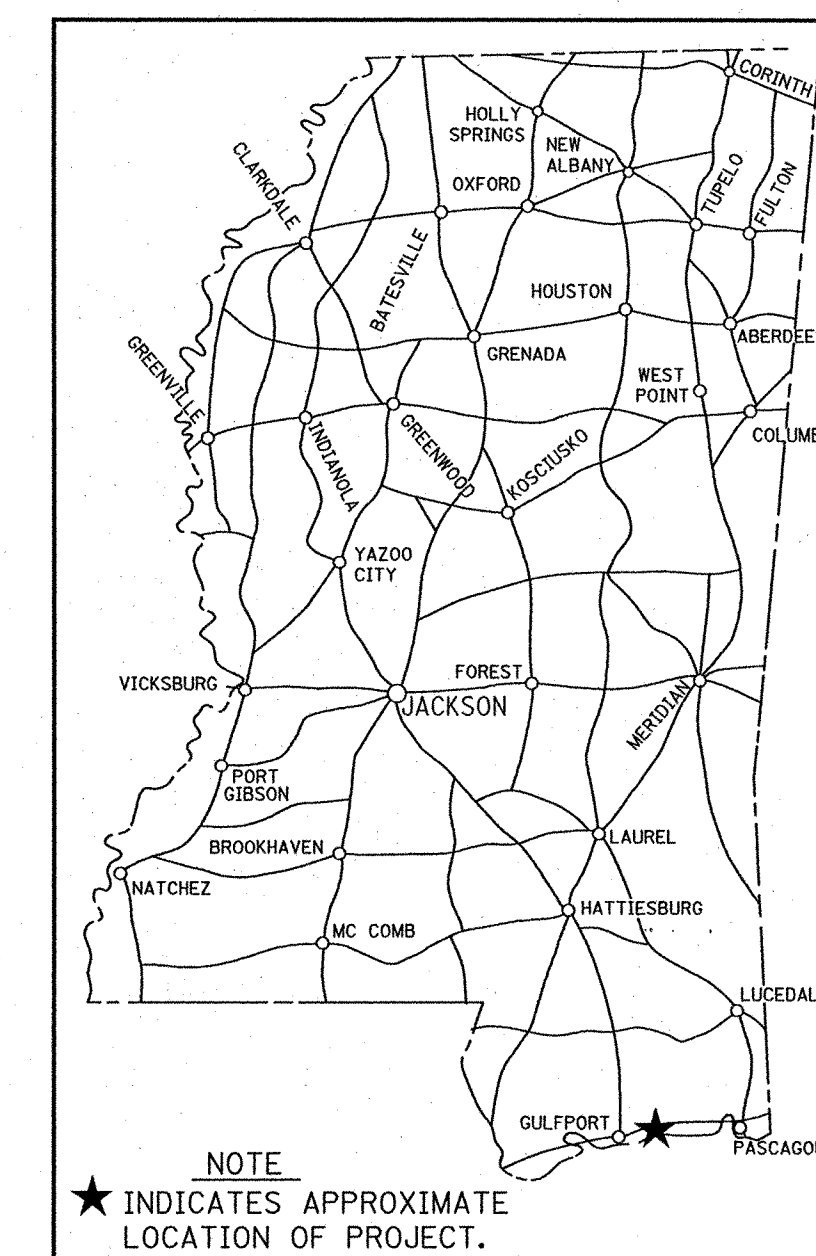
RIGHT LANE:

988 + 20.020 BK	=	988 + 25.700 AH	- 5.680 FT.
1047 + 65.910 BK	=	1047 + 91.110 AH	- 25.20 FT.
1066 + 42.344 BK	=	1066 + 34.010 AH	+ 8.334 FT.
1083 + 96.631 BK	=	1084 + 04.970 AH	- 8.339 FT.
1096 + 81.294 BK	=	1096 + 76.490 AH	+ 4.804 FT.
1116 + 31.072 BK	=	1116 + 41.450 AH	- 10.378 FT.
1171 + 66.288 BK	=	1171 + 77.39 AH	- 11.102 FT.
1179 + 48.760 BK	=	1179 + 44.550 AH	+ 4.210 FT.
1184 + 02.50 BK	=	1183 + 98.48 AH	+ 4.020 FT.
			- 39.331 FT.

LENGTH DATA

LENGTH OF ROADWAY	20120.67 FT.	3.811 MI.
LENGTH OF BRIDGES	NONE FT.	0.000 MI.
LENGTH OF PROJECT (NET)		3.811 MI.
LENGTH OF EXCEPTIONS	NONE FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		3.811 MI.

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	ER-NH-0003-01(106)A	1



NOTE  
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

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	WATERS	WETLANDS
NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL*	<input type="checkbox"/>	<input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>

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

STORMWATER PERMIT

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: ATM DATE: 5/14/07

APPROVED:	<i>Larry Lee James</i>	5/14/07
CHIEF ENGINEER		DATE
EXECUTIVE DIRECTOR	<i>Raymond Brown</i>	05-14-07
		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

STATE	PROJECT NO.
MISS.	ER-NH-0003-01(106)A

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TITLE SHEET (1)

1

PAVEMENT MARKING DETAILS (19)

DETAILED INDEX & GENERAL NOTES (3)

DETAILED INDEX  
DETAILED INDEX  
GENERAL NOTES

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

B.O.P. - STA. 982+00  
STA. 982+00 - STA. 994+00  
STA. 994+00 - STA. 1000+00  
STA. 1000+00 - STA. 1006+00  
STA. 1006+00 - STA. 1018+00  
STA. 1018+00 - STA. 1030+00  
STA. 1030+00 - STA. 1042+00  
STA. 1042+00 - STA. 1054+00  
STA. 1054+00 - STA. 1066+00  
STA. 1066+00 - STA. 1078+00  
STA. 1078+00 - STA. 1090+00  
STA. 1090+00 - STA. 1102+00  
STA. 1102+00 - STA. 1114+00  
STA. 1114+00 - STA. 1126+00  
STA. 1126+00 - STA. 1138+00  
STA. 1138+00 - STA. 1150+00  
STA. 1150+00 - STA. 1162+00  
STA. 1162+00 - STA. 1174+00  
STA. 1174+00 - E.O.P.

PMD-1 56  
PMD-2 57  
PMD-3 58  
PMD-4 59  
PMD-5 60  
PMD-6 61  
PMD-7 62  
PMD-8 63  
PMD-9 64  
PMD-10 65  
PMD-11 66  
PMD-12 67  
PMD-13 68  
PMD-14 69  
PMD-15 70  
PMD-16 71  
PMD-17 72  
PMD-18 73  
PMD-19 74

TYPICAL SECTION SHEETS (3)

TYPICAL SECTION - U.S. HIGHWAY 90 B.O.P. TO E.O.P.  
TYPICAL SECTION - U.S. HIGHWAY 90 SERVICE ROADS & TYPICAL ASPHALT DETAIL  
TYPICAL SECTION - SERVICE ROAD STA. 1126+43 TO STA. 1145+78

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

QUANTITY SHEETS (9)

SUMMARY OF QUANTITIES  
SUMMARY OF QUANTITIES  
SUMMARY OF QUANTITIES

SQ-1 8  
SQ-2 9  
SQ-3 10

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

EQ-1 11  
EQ-2 12  
EQ-3 13  
EQ-4 14  
EQ-5 15  
TCQ-1 16

PLAN & PROFILE SHEETS (39)

B.O.P. - STA. 976+00  
STA. 976+00 - STA. 982+00  
STA. 982+00 - STA. 988+00  
STA. 988+00 - STA. 994+00  
STA. 994+00 - STA. 1000+00  
STA. 1000+00 - STA. 1006+00  
STA. 1006+00 - STA. 1012+00  
STA. 1012+00 - STA. 1018+00  
STA. 1018+00 - STA. 1024+00  
STA. 1024+00 - STA. 1030+00  
STA. 1030+00 - STA. 1036+00  
STA. 1036+00 - STA. 1042+00  
STA. 1042+00 - STA. 1048+00  
STA. 1048+00 - STA. 1054+00  
STA. 1054+00 - STA. 1060+00  
STA. 1060+00 - STA. 1066+00  
STA. 1066+00 - STA. 1072+00  
STA. 1072+00 - STA. 1078+00  
STA. 1078+00 - STA. 1084+00  
STA. 1084+00 - STA. 1090+00  
STA. 1090+00 - STA. 1096+00  
STA. 1096+00 - STA. 1102+00  
STA. 1102+00 - STA. 1108+00  
STA. 1108+00 - STA. 1114+00  
STA. 1114+00 - STA. 1120+00  
STA. 1120+00 - STA. 1126+00  
STA. 1126+00 - STA. 1132+00  
LOCAL ROAD - STA. 1126+40 - STA. 1132+00  
STA. 1132+00 - STA. 1138+00  
LOCAL ROAD - STA. 1132+00 - STA. 1138+00  
STA. 1138+00 - STA. 1144+00  
LOCAL ROAD - STA. 1138+00 - STA. 1144+00  
STA. 1144+00 - STA. 1150+00  
LOCAL ROAD - STA. 1144+00 - STA. 1146+00  
STA. 1150+00 - STA. 1156+00  
STA. 1156+00 - STA. 1162+00  
STA. 1162+00 - STA. 1168+00  
STA. 1168+00 - STA. 1174+00  
STA. 1174+00 - E.O.P.

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PS & E PLANS-DATE: 05-14-07		
FMS CON. # 104529/304000		
REVISIONS		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		123
<b>DETAILED INDEX</b>		
PROJECT NO. ER-NH-0003-01(106)A		WORKING NUMBER
COUNTY : HARRISON		DI-1
FILENAME:	CHECKED	SHEET NUMBER
DESIGN TEAM	DATE	2

0101

PLAN DIVISION  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DI-1-1.DGN 05/10/2007

STATE	PROJECT NO.
MISS.	ER-NH-0003-01(106)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS (9)			
CONSTRUCTION SIGNING		CS-1	75
DETAILS, DRAINAGE STRUCTURES TYPES SS-5A, 5B, 5C MOD AND JB-MOD		DDST-5	76
SPECIAL DESIGN STORM SEWER STRUCTURE TYPE SS-5A, 5B & 5C		SS-5	77
SPECIAL DESIGN CASTING FOR STORM SEWER STRUCTURE, TYPE SS-5A, 5B & 5C		SS-5E	78
STORM SEWER STRUCTURE TYPE SS-2 (MODIFIED)		SS-2 MOD.	79
SS-5 INLET TOP REMOVAL & REPLACEMENT		SS-5RR	80
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSER		TCP-SC	81
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE:MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)		SDTCP-3	82
CURB-CUT RAMP		SDCCR-1	83
STANDARD DRAWINGS - ROADWAY SHEETS (19)			
PAVEMENT MARKINGS			
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 LEGEND DETAILS		PM-5	124
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
EROSION CONTROL			
EROSION CONTROL		EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES, & BRUSH BARRIER)		TEC-1	142
PROTECTIVE BARRIERS			
GUARD POST		GP-1	209

STANDARD DRAWINGS - ROADWAY SHEETS CONTINUED

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
TRAFFIC CONTROL PLANS			
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
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	(12-01-99)	TCP-11	260
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
MISCELLANEOUS ROADWAY DETAILS			
DRIVEWAYS, CURB & GUTTER, & SIDEWALK		SD-1	287
DRAINAGE			
PIPE CULVERT INSTALLATION		PI-1	300
PIPE COLLAR - CONCRETE		PC-1	301
STORM SEWER STRUCTURE TYPE SS-2		SS-2	322

PLAN REVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

05/10/2007 DI-2.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
PROJECT NO. ER-NH-0003-01(106)	
COUNTY : HARRISON	
WORKING NUMBER	DI-2
FILENAME:	SHEET NUMBER
DESIGN TEAM	3
CHECKED	DATE

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 SHALL 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, DESIGN, AND CONSTRUCTION DIVISION  
 HARRISON COUNTY, MISSISSIPPI

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		<b>GENERAL NOTES</b>	
		PROJ. NO: ER-NH-0003-01(106)	WORKING NUMBER
		COUNTY: HARRISON	GN-1
DATE	FILENAME:	GN-1.DGN	SHEET NUMBER
	DESIGN TEAM	CHECKED	DATE
			4