

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	ER-NH-0003-01(104)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. ER-NH-0003-01(104) A,B,&C

①05-18-07

U.S. HWY 90 BETWEEN LEWIS AVE. AND DEBUYS RD. IN GULFPORT HARRISON COUNTY

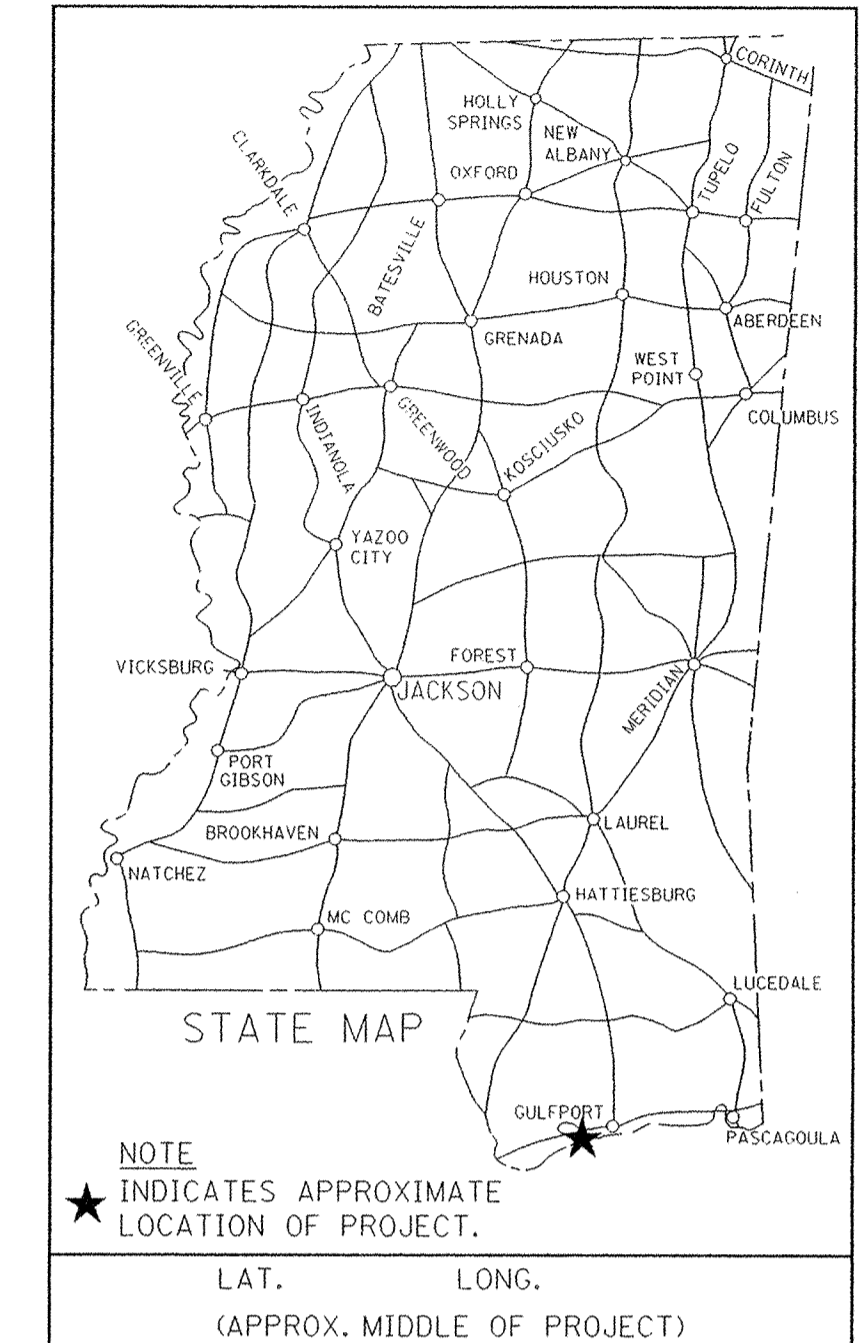
FMS NO.:104569 /302000 & 104569 /310000

SCALES

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

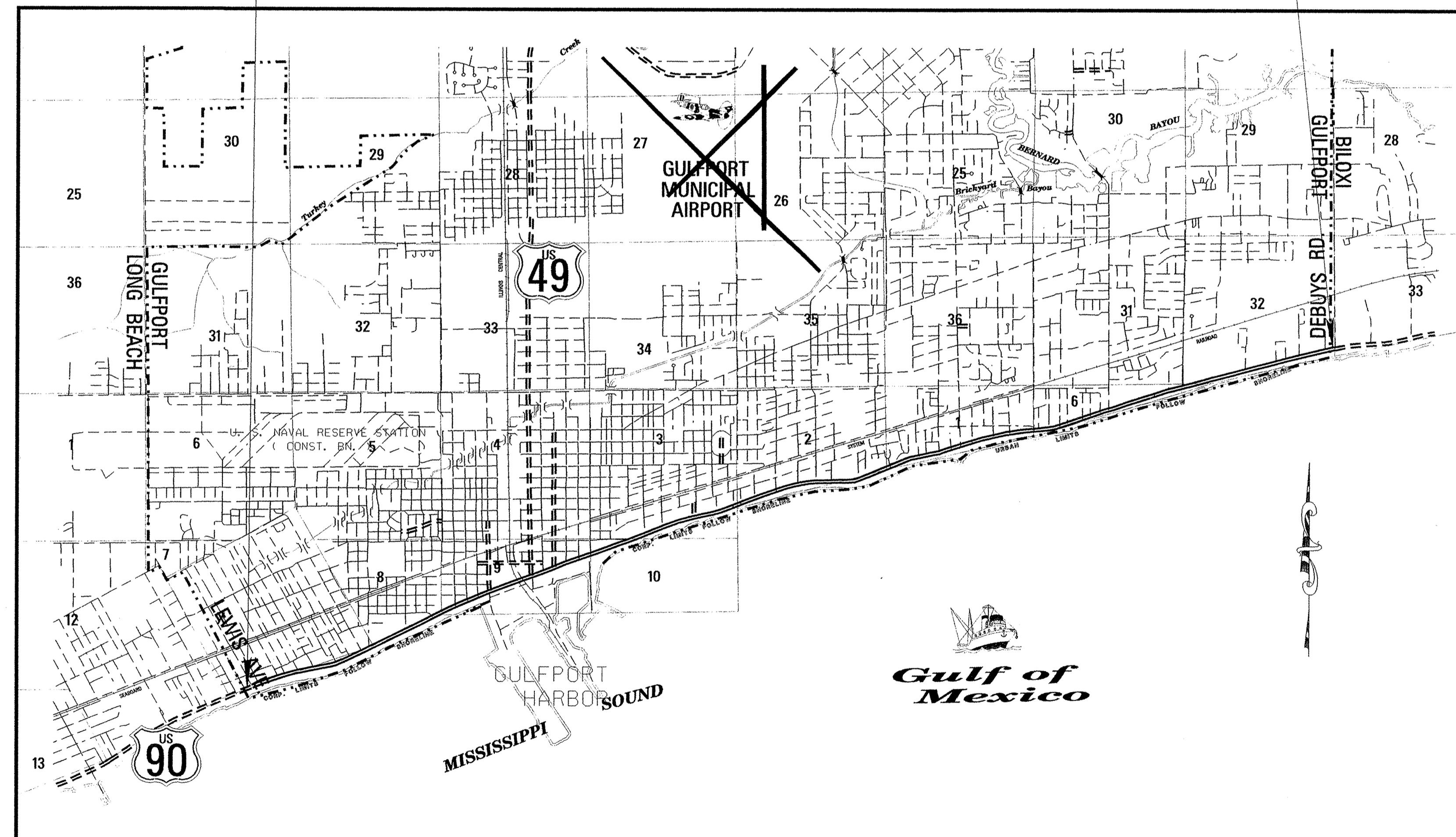
B.O.P. STA. 562 + 00

E.O.P. STA.973 + 40



BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REQ'D.



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 CNDI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + (NTB 586))

S REQUIRED SCNDI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 14)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: ATM DATE: 5/16/07

- CONVENTIONAL SYMBOLS
- COUNTY LINE .....
  - TOWN CORPORATION LINE .....
  - SECTION LINE .....
  - EXISTING ROAD OR TRAVELED WAY - - - - -
  - PROPOSED ROAD OR TRAVELED WAY \_\_\_\_\_
  - RAILROAD .....
  - SURVEY LINE .....
  - BRIDGES .....

EQUATIONS  
 SEE INDIVIDUAL TITLE SHEETS

EXCEPTIONS  
 NONE

LENGTH DATA

LENGTH OF ROADWAY	41067.07 FT.	7.778 MI.
LENGTH OF BRIDGES	FT.	0.000 MI.
LENGTH OF PROJECT (NET)	FT.	7.778 MI.
LENGTH OF EXCEPTIONS	FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		7.778 MI.

125

APPROVED: *Nancy Le James* 5-16-07  
 CHIEF ENGINEER DATE

APPROVED: *Sam R. Brown* 5-16-07  
 EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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

FEDERAL HIGHWAY ADMINISTRATION  
 DEPARTMENT OF TRANSPORTATION

**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	7
QUANTITIES	8
PLAN AND PROFILES	38
SPECIAL DESIGN - ROADWAY ITEMS	57
BRIDGE DRAWINGS	
SPECIAL DESIGN - BRIDGES	
CROSS-SECTIONS	

TOTAL SHEETS 114

**STATE OF MISSISSIPPI**

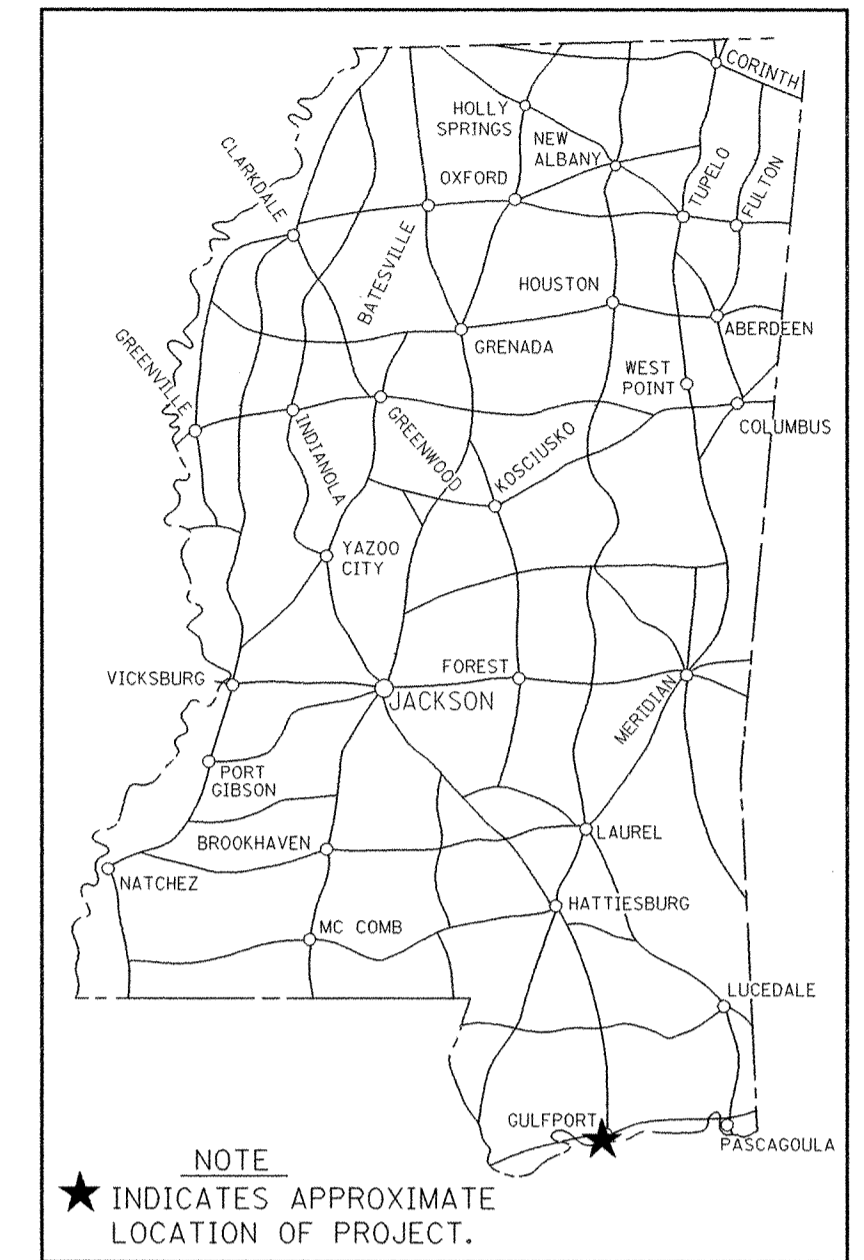
**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. ER-NH-0003-01(104)A**

U.S. 90 BETWEEN LEWIS AVE. AND HEWES AVE. IN GULFPORT HARRISON COUNTY

FMS NO.: 104569/302000

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	ER-NH-0003-01(104)A	1



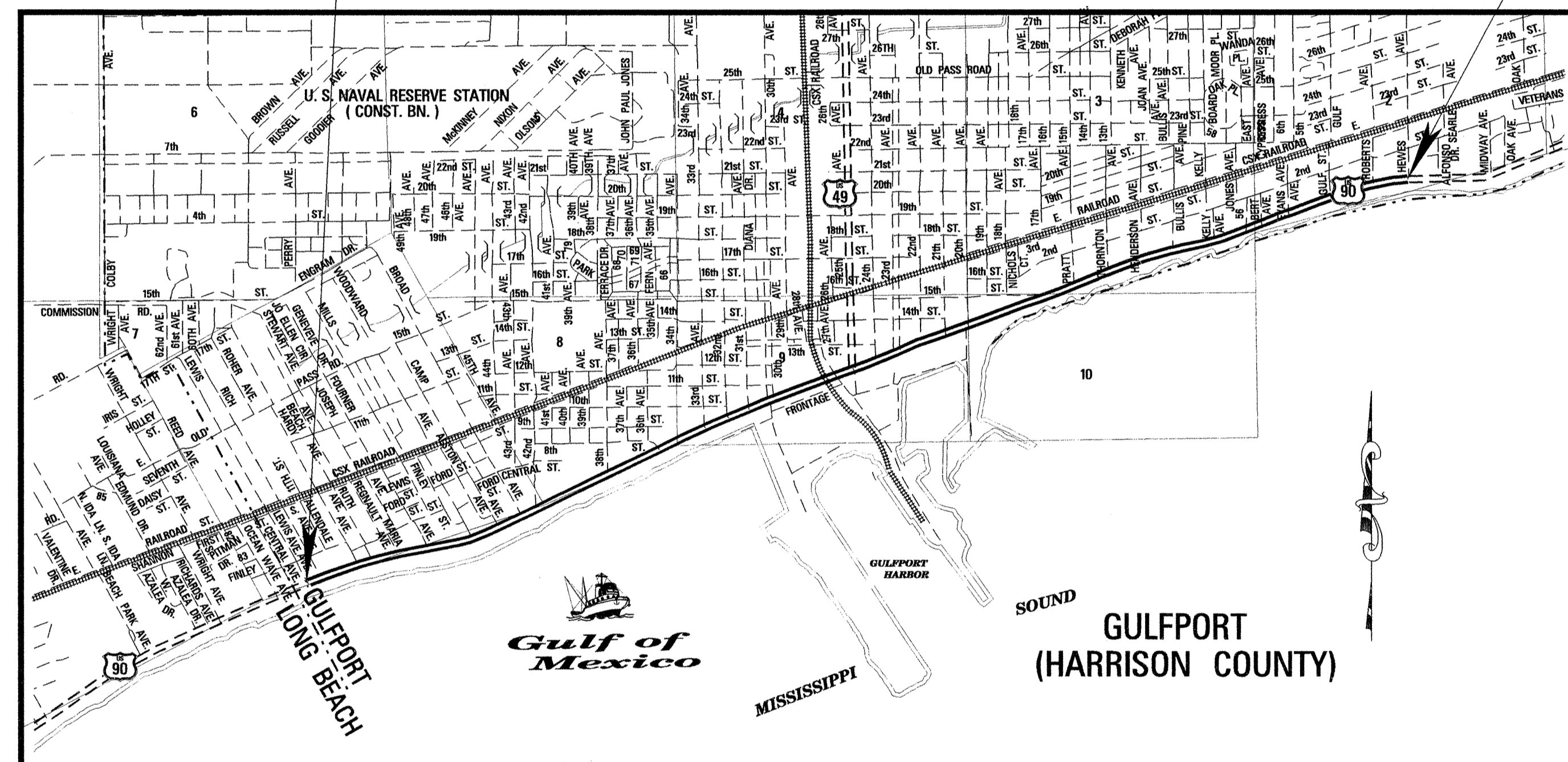
**SCALES**

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

STA. 562+00 B.O.P.

STA. 779+00 E.O.P.

**BRIDGE STRUCTURES REQ'D.**



**BOX BRIDGES REQ'D.**

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 <input checked="" type="checkbox"/>	
Y	REQUIRED SCNDI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + INTB 6484)
S	REQUIRED SCNDI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (INTB 6483)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)
APPROVED BY: <i>ATM</i> DATE: 5/16/07	

**EQUATIONS**

LEFT LANE:

STA. 583 + 25.16 BK =	STA. 583 + 19.64 AH	+ 5.523 FT.
STA. 588 + 82.279 BK =	STA. 588 + 58.279 AH	+ 24.00 FT.
STA. 599 + 37.823 BK =	STA. 599 + 29.823 AH	+ 8.00 FT.
STA. 605 + 00.881 BK =	STA. 605 + 08.311 AH	- 7.43 FT.
STA. 650 + 86.00 BK =	STA. 651 + 14.00 AH	- 28.00 FT.
STA. 654 + 13.03 BK =	STA. 654 + 00.00 AH	+ 13.03 FT.
STA. 690 + 31.453 BK =	STA. 690 + 67.013 AH	- 35.56 FT.
		- 20.437 FT.

**EXCEPTIONS**

NONE

RIGHT LANE:

STA. 584 + 96.275 BK =	STA. 585 + 09.075 AH	- 12.8 FT.
STA. 691 + 87.405 BK =	STA. 692 + 25.025 AH	- 37.62 FT.
		- 50.42 FT.

**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	21,649.58 FT.	4.100 MI.
LENGTH OF BRIDGES	0.000 FT.	0.000 MI.
LENGTH OF PROJECT (NET)		4.100 MI.
LENGTH OF EXCEPTIONS	0.000 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		4.100 MI.

DATE	REVISIONS	BY	APPROVED:	DATE
			<i>Sammy Lee James</i>	5-16-07
			CHIEF ENGINEER	DATE
			<i>Sammy Lee James</i>	5-16-07
			EXECUTIVE DIRECTOR	DATE
			MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
			APPROVED:	
			DIVISION ADMINISTRATOR	DATE
			FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	



STATE	PROJECT NO.
MISS.	ER-NH-0003-01(104)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS (8)			STANDARD DRAWINGS - ROADWAY SHEETS CONTINUED		
CONSTRUCTION SIGNING	CS-1	88A	TRAFFIC CONTROL PLANS		
DETAILS, DRAINAGE STRUCTURES TYPES SS-5A, 5B, 5C MOD AND JB-MOD	DDST-5	89A	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	90A	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	91A			
DETAIL DRAINAGE SS-5 INLET TOP REMOVAL AND REPLACEMENT	SS-5RR	92A			
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	93A			
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE:MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)	SDTCP-3	94A	SHORT DURATION CLOSING OF DIVIDED HIGHWAYS	TCP-9	258
CURB-CUT RAMP	SDCCR-1	95A	HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-10	259
STANDARD DRAWINGS - ROADWAY SHEETS (19)			TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	12-01-99 TCP-11	260
PAVEMENT MARKINGS			TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS	TCP-14	263
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	12-01-99 PM-1	120	TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12-01-99 TCP-15	264
PAVEMENT MARKING DETAILS FOR 4 & 5-LANE UNDIVED ROADWAYS	12-01-99 PM-2	121	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
PAVEMENT MARKING LEGEND DETAILS	PM-5	124			
PAVEMENT MARKING LEGEND DETAILS	PM-6	125	DRAINAGE		
EROSION CONTROL			PIPE CULVERT INSTALLATION	PI-1	300
EROSION CONTROL	EC-1	140	PIPE COLLAR - CONCRETE	PC-1	301
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES, & BRUSH BARRIER)	TEC-1	142	STORM SEWER STRUCTURE -TYPE SS-2	SS-2	322
			STORM SEWER STRUCTURE, TYPE SS-4 HEADER CURB	SS-4	324

02/08/2007 DI-2.DGN ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
PROJECT NO. ER-NH-0003-01(104)	
COUNTY : HARRISON	
WORKING NUMBER	DI-2
FILENAME:	SHEET NUMBER
DESIGN TEAM	3A
CHECKED	DATE

STATE	PROJECT NO.
MISS.	ER-NH-0003-01(104)

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 GULFPORT 868-5792
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.

ROADWAY PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GN-1.DGN 05/08/2007

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		<b>GENERAL NOTES</b>	
		PROJ NO: ER-NH-0003-01(104)	WORKING NUMBER
		COUNTY: HARRISON	GN-1
DATE	FILENAME:	DESIGN TEAM	CHECKED
			DATE
			SHEET NUMBER
			4 A

**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	2
QUANTITIES	8
PLAN AND PROFILES	33
SPECIAL DESIGN - ROADWAY ITEMS	43
BRIDGE DRAWINGS	
SPECIAL DESIGN - BRIDGES	
CROSS-SECTIONS	

TOTAL SHEETS 90

**STATE OF MISSISSIPPI**

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. ER-NH-0003-01(104)B**

U.S. 90 BETWEEN HEWES AVE. AND DEBUYS RD. IN GULFPORT HARRISON COUNTY

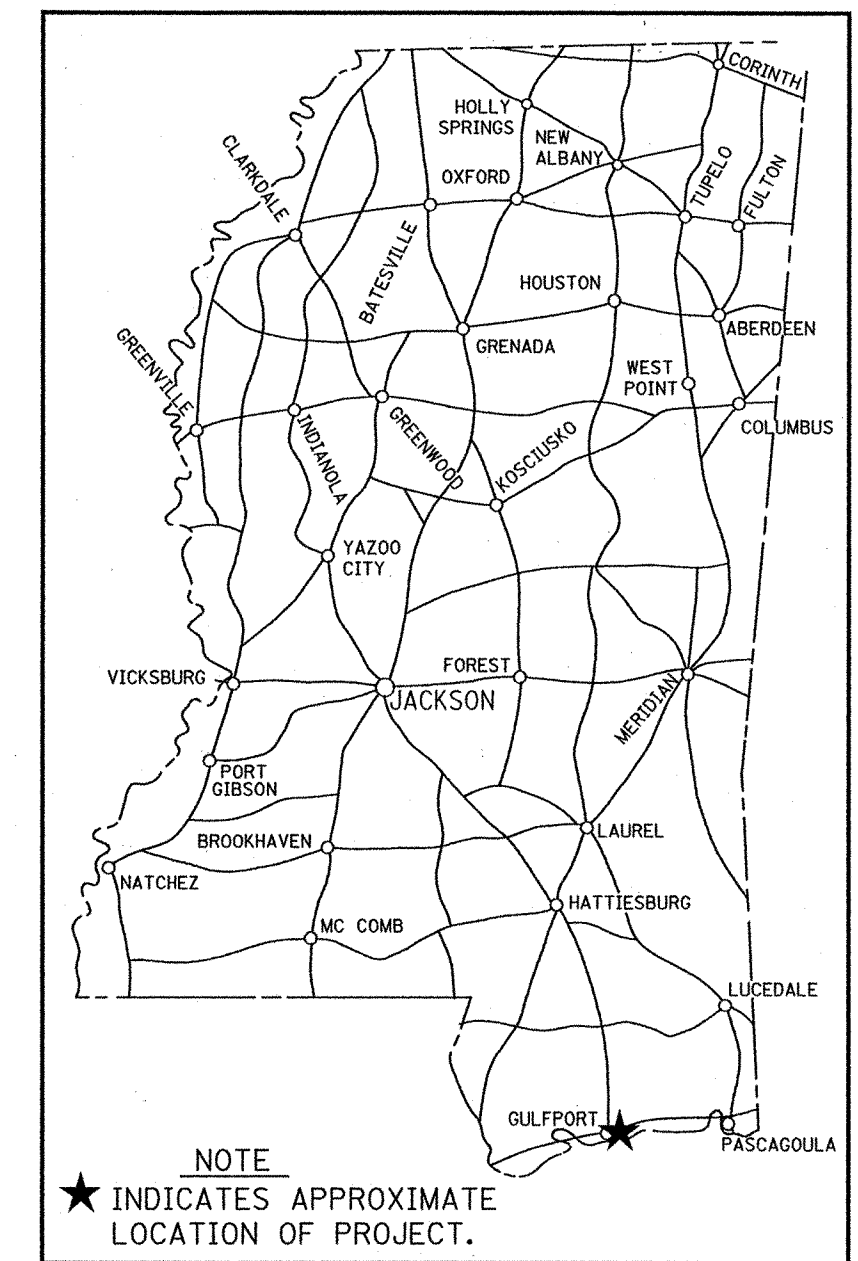
FMS NO.: 104569/302000

**SCALES**

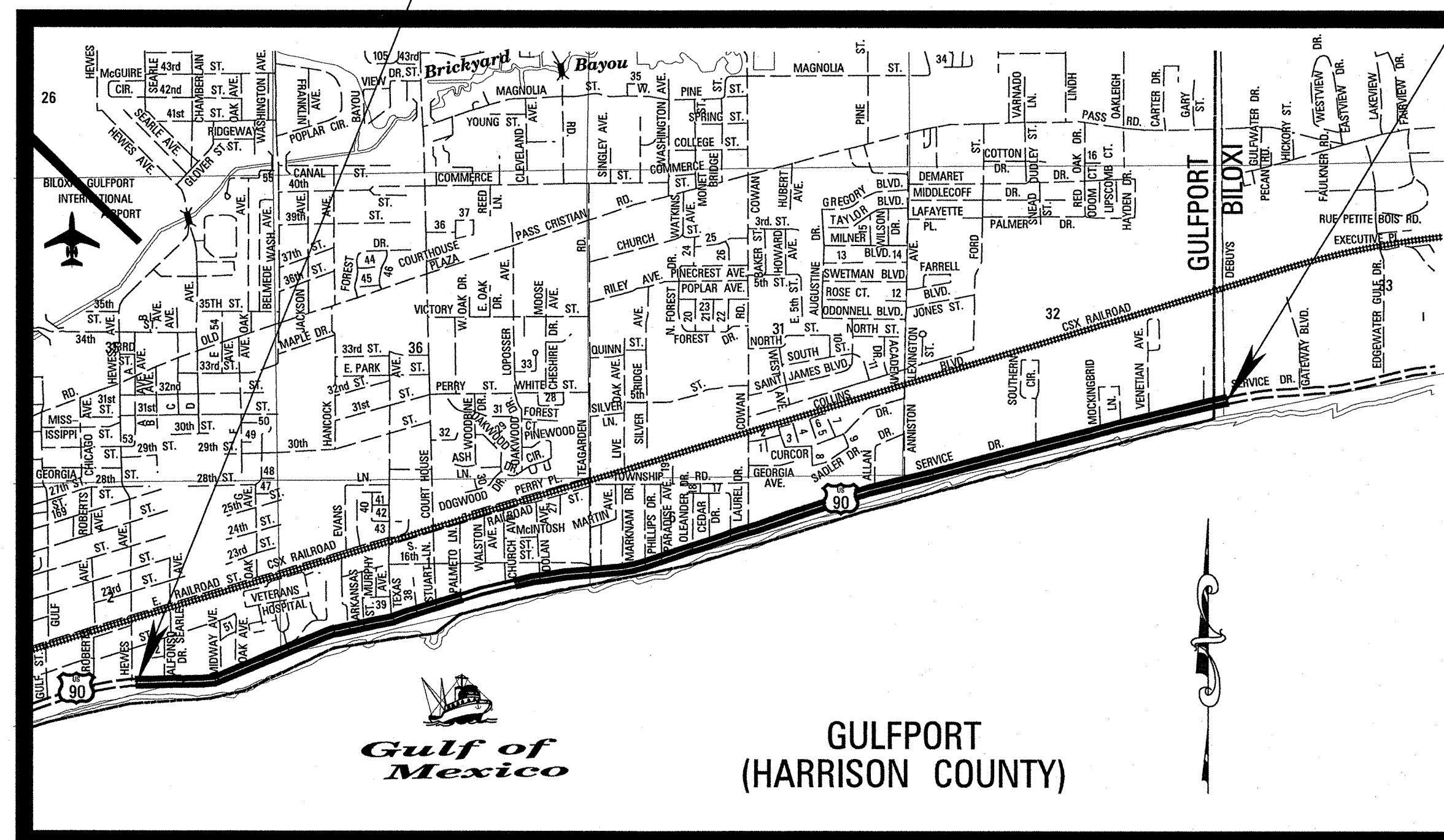
PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 2000 FT.

STA. 779 + 00 B.O.P.

STA. 973 + 40 E.O.P.



**BRIDGE STRUCTURES REQ'D.**



**BOX BRIDGES REQ'D.**

**DESIGN CONTROL**

MPH = V (SPEED DESIGN)

ADT ( ) = : ADT ( ) =

DHV = : D = % T = %

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**PERMITS ACQUIRED BY MDOT**

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

NATIONWIDE #14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input checked="" type="checkbox"/>	<input checked="" 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: 5/16/07

**EQUATIONS**

**EXCEPTIONS**

LEFT LANE:

STA. 813 + 86.087 BK = STA. 813 + 82.707 AH + 3.38 FT.

STA. 823 + 69.320 BK = STA. 823 + 54.320 AH + 15.0 FT.

STA. 833 + 98.580 BK = STA. 833 + 96.000 AH + 2.58 FT.

STA. 848 + 48.716 BK = STA. 848 + 52.356 AH - 3.64 FT.

STA. 860 + 36.484 BK = STA. 860 + 59.534 AH - 23.05 FT.

-5.73 FT.

NONE

RIGHT LANE:

STA. 792 + 34.573 BK = STA. 792 + 37.023 AH - 2.45 FT.

STA. 823 + 33.364 BK = STA. 823 + 37.364 AH - 4.0 FT.

STA. 849 + 38.747 BK = STA. 849 + 35.087 AH + 3.66 FT.

STA. 858 + 46.045 BK = STA. 858 + 73.315 AH - 27.27 FT.

STA. 942 + 24.206 BK = STA. 942 + 18.160 AH + 6.046 FT.

STA. 959 + 92.560 BK = STA. 959 + 91.055 AH + 1.505 FT.

-22.509 FT.

**LENGTH DATA**

LENGTH OF ROADWAY	19,417.491 FT.	3.678 MI.
LENGTH OF BRIDGES	NONE FT.	0.000 MI.
LENGTH OF PROJECT (NET)		3.678 MI.
LENGTH OF EXCEPTIONS	NONE FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		3.678 MI.

**CONVENTIONAL SYMBOLS**

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

APPROVED:	<i>Harry Lee James</i>	5-16-07
CHIEF ENGINEER		DATE
APPROVED:	<i>Samuel R. Parnell</i>	5-16-07
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

STATE	PROJECT NO.
MISS.	ER-NH-0003-01(104)B

DESCRIPTION OF SHEET

WKG. SH.  
NO. NO.

DESCRIPTION OF SHEET

WKG. SH.  
NO. NO.

TITLE SHEET (1)

1

STA. 958+00 - STA. 964+00  
STA. 964+00 - STA. 970+00  
STA. 970+00 - E.O.P.

33 45B  
34 46B  
35 47B

DETAILED INDEX & GENERAL NOTES (3)

DETAILED INDEX  
DETAILED INDEX  
GENERAL NOTES

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

TYPICAL SECTION SHEETS (2)

TYPICAL SECTION - U.S. HIGHWAY 90 B.O.P. TO E.O.P.

TS-1 5B

TYPICAL SECTION - U.S. HIGHWAY 90 SERVICE ROADS & TYPICAL ASPHALT DETAIL

TS-2 6B

PAVEMENT MARKING DETAILS (17)

B.O.P. - STA. 791+00  
STA. 791+00 - STA. 803+00  
STA. 803+00 - STA. 815+00  
STA. 815+00 - STA. 827+00  
STA. 827+00 - STA. 839+00  
STA. 839+00 - STA. 851+00  
STA. 851+00 - STA. 863+00  
STA. 863+00 - STA. 875+00  
STA. 875+00 - STA. 887+00  
STA. 887+00 - STA. 899+00  
STA. 899+00 - STA. 911+00  
STA. 911+00 - STA. 923+00  
STA. 923+00 - STA. 935+00  
STA. 935+00 - STA. 947+00  
STA. 947+00 - STA. 959+00  
STA. 959+00 - STA. 971+00  
STA. 971+00 - STA. E.O.P.

PMD-1 48B  
PMD-2 49B  
PMD-3 50B  
PMD-4 51B  
PMD-5 52B  
PMD-6 53B  
PMD-7 54B  
PMD-8 55B  
PMD-9 56B  
PMD-10 57B  
PMD-11 58B  
PMD-12 59B  
PMD-13 60B  
PMD-14 61B  
PMD-15 62B  
PMD-16 63B  
PMD-17 64B

QUANTITY SHEETS (8)  
SUMMARY OF QUANTITIES  
SUMMARY OF QUANTITIES  
SUMMARY OF QUANTITIES

SQ-1 7B  
SQ-2 8B  
SQ-3 9B

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

EQ-1 10B  
EQ-2 11B  
EQ-3 12B  
EQ-4 13B  
TCQ-1 14B

PLAN & PROFILE SHEETS (33)

B.O.P. - STA. 785+00  
STA. 785+00 - STA. 791+00  
STA. 791+00 - STA. 797+00  
STA. 797+00 - STA. 803+00  
STA. 803+00 - STA. 809+00  
STA. 809+00 - STA. 815+00  
STA. 815+00 - STA. 821+00  
STA. 821+00 - STA. 826+00  
STA. 826+00 - STA. 832+00  
STA. 832+00 - STA. 838+00  
STA. 838+00 - STA. 844+00  
STA. 844+00 - STA. 850+00  
STA. 850+00 - STA. 856+00  
STA. 856+00 - STA. 862+00  
STA. 862+00 - STA. 868+00  
STA. 868+00 - STA. 874+00  
STA. 874+00 - STA. 880+00  
STA. 880+00 - STA. 886+00  
STA. 886+00 - STA. 892+00  
STA. 892+00 - STA. 898+00  
STA. 898+00 - STA. 904+00  
STA. 904+00 - STA. 910+00  
STA. 910+00 - STA. 916+00  
STA. 916+00 - STA. 922+00  
STA. 922+00 - STA. 928+00  
STA. 928+00 - STA. 934+00  
STA. 934+00 - STA. 940+00  
STA. 940+00 - STA. 946+00  
STA. 946+00 - STA. 952+00  
STA. 952+00 - STA. 958+00

3 15B  
4 16B  
5 17B  
6 18B  
7 19B  
8 20B  
9 21B  
10 22B  
11 23B  
12 24B  
13 25B  
14 26B  
15 27B  
16 28B  
17 29B  
18 30B  
19 31B  
20 32B  
21 33B  
22 34B  
23 35B  
24 36B  
25 37B  
26 38B  
27 39B  
28 40B  
29 41B  
30 42B  
31 43B  
32 44B

PS & E PLANS-DATE 5/18/07		
FMS CON. # 104503/302000		
REVISIONS		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
PROJECT NO. ER-NH-0003-01(104)B	
COUNTY : HARRISON	
DATE	WORKING NUMBER
	DI-1
DESIGN TEAM	SHEET NUMBER
	2B

PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DI-1.DGN

05/10/2007

B  
125

STATE	PROJECT NO.
MISS.	ER-NH-0003-01(104)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS (8)			STANDARD DRAWINGS - ROADWAY SHEETS CONTINUED		
CONSTRUCTION SIGNING	CS-1	65B	TRAFFIC CONTROL PLANS		
DETAILS, DRAINAGE STRUCTURES TYPES SS-5A, 5B, 5C MOD AND JB-MOD	DDST-5	66B	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	67B	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	68B			
DETAIL DRAINAGE SS-5 INLET TOP REMOVAL AND REPLACEMENT	SS-5RR	69B			
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-SC	70B			
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE:MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)	SDTCP-3	71B	SHORT DURATION CLOSING OF DIVIDED HIGHWAYS HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS	TCP-9	258
CURB-CUT RAMP	SDCCR-1	72B	TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-10	259
STANDARD DRAWINGS - ROADWAY SHEETS (18)			TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS	12-01-99 TCP-11	260
PAVEMENT MARKINGS			TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-14	263
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	12-01-99 PM-1	120	TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE UNDIVIDED HIGHWAYS	12-01-99 TCP-15	264
PAVEMENT MARKING DETAILS FOR 4 & 5-LANE UNDIVIDED ROADWAYS	12-01-99 PM-2	121		12-01-99 TCP-16	265
			MISCELLANEOUS ROADWAY DETAILS		
			DRIVEWAYS, CURB & GUTTER, & SIDEWALK	SD-1	287
PAVEMENT MARKING LEGEND DETAILS	PM-5	124			
PAVEMENT MARKING LEGEND DETAILS	PM-6	125			
			DRAINAGE		
EROSION CONTROL			PIPE CULVERT INSTALLATION	PI-1	300
EROSION CONTROL	EC-1	140	PIPE COLLAR - CONCRETE	PC-1	301
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES, & BRUSH BARRIER)	TEC-1	142	STORM SEWER STRUCTURE - TYPE SS-2	SS-2	322

PLAN DIVISION  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

05/09/2007  
DI-2.DGN

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
PROJECT NO. ER-NH-0003-01(104)	
COUNTY : HARRISON	
WORKING NUMBER	DI-2
FILENAME:	SHEET NUMBER
DESIGN TEAM	3B



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 GULFPORT 868-5792
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.

PLAN C.O.D. SECTION  
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		<b>GENERAL NOTES</b>	
		PROJ. NO: ER-NH-0003-01(104)	WORKING NUMBER
		COUNTY: HARRISON	GN-1
		FILENAME: GN-1.DGN	SHEET NUMBER
		DESIGN TEAM	4B
		CHECKED	DATE

STATE OF MISSISSIPPI  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

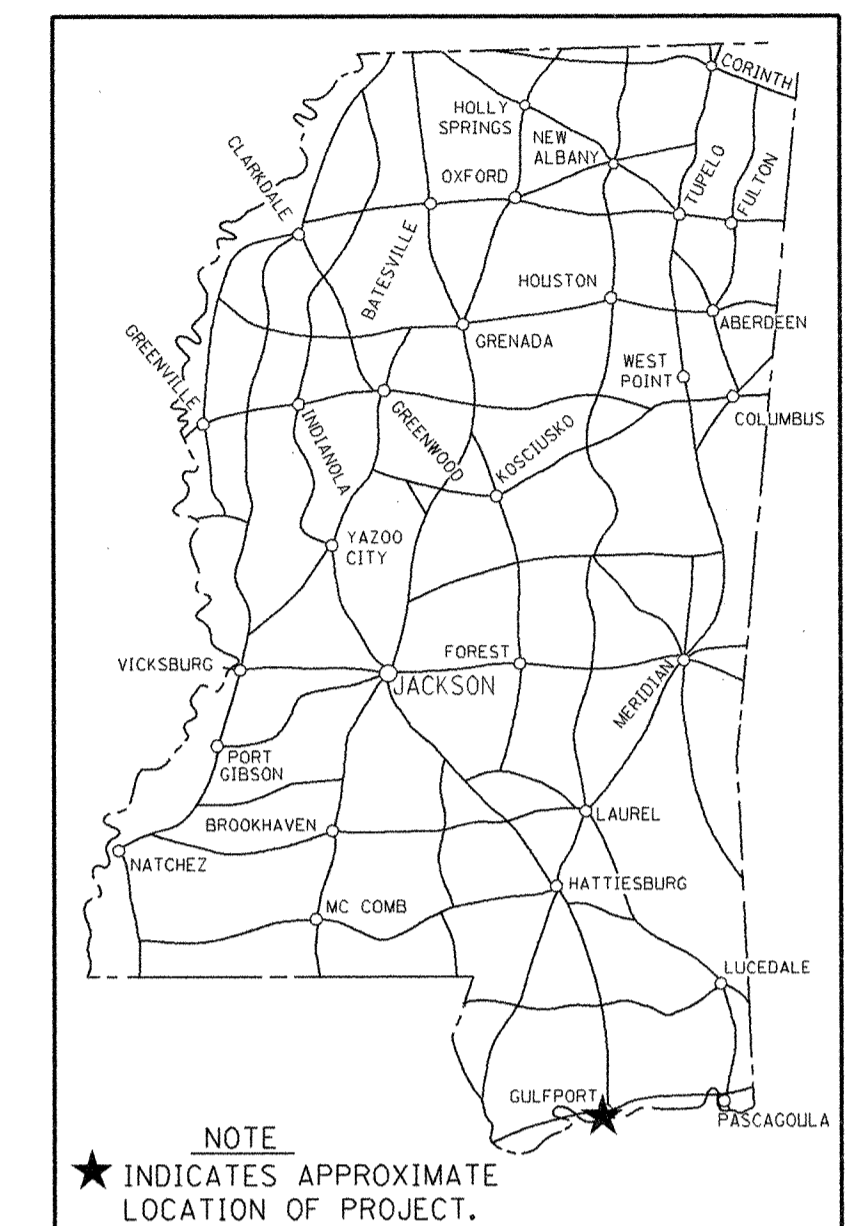
TRAFFIC SIGNAL & PERMANENT SIGNING REPLACEMENT PROJECT  
**U.S. HIGHWAY 90**  
**FEDERAL AID PROJECT NO. ER-NH-0003-01(104) C**

U.S. 90 BETWEEN LEWIS AVE. AND  
DEBUYS RD. IN GULFPORT  
HARRISON COUNTY

FMS NO.: 104569/302000 & 104569/310000

SCALES  
PLAN 1 IN. = 20 FT.  
LAYOUT 1 IN. = 4000 FT.

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	ER-NH-0003-01(104)	1



DESIGN CONTROL	
45 MPH = V (SPEED DESIGN)	
ADT (2005) = 36000; ADT (2025) = 72000	
DHV = 3600; D = 60%; T = 5%	

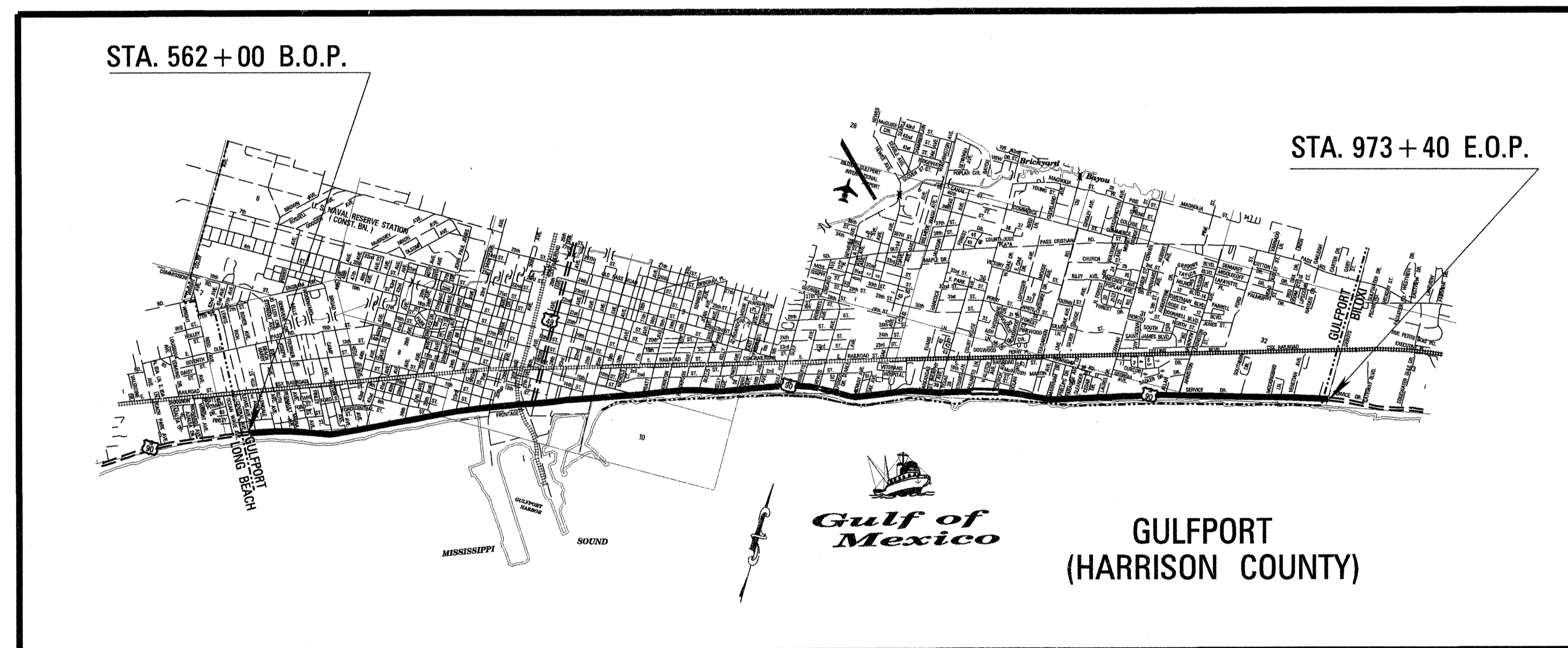
PERMITS ACQUIRED BY MDT		
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):		
	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/>	<input type="checkbox"/>
GENERAL*	<input type="checkbox"/>	<input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/>	<input type="checkbox"/>
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR		
STORMWATER PERMIT <input type="checkbox"/>		
Y	REQUIRED, SCNOI TO BE SUBMITTED BY MDT (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: 3/31/07		

BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE



**EQUATIONS**

LEFT LANE:  
 STA. 588+69.16 BK = STA. 588+45.20 AH +23.96 FT.  
 STA. 599+70.00 BK = STA. 599+62.00 AH +8.00 FT.  
 STA. 650+86.00 BK = STA. 651+14.00 AH -28.00 FT.  
 STA. 690+34.18 BK = STA. 690+70.37 AH -36.19 FT.  
 STA. 823+59.01 BK = STA. 823+44.01 AH +15.0 FT.  
 STA. 848+50.25 BK = STA. 848+50.70 AH -0.45 FT.  
 STA. 860+31.47 BK = STA. 860+54.54 AH -23.07 FT.  
 -40.75 FT.

RIGHT LANE:  
 STA. 583+73.84 BK = STA. 583+87.50 AH -13.66 FT.  
 STA. 599+70.00 BK = STA. 599+66.00 AH +4.00 FT.  
 STA. 691+88.81 BK = STA. 692+26.43 AH -37.62 FT.  
 STA. 823+23.76 BK = STA. 823+27.76 AH -4.0 FT.  
 STA. 856+56.99 BK = STA. 858+80.60 AH -23.61 FT.  
 STA. 895+04.48 BK = STA. 895+02.14 AH +2.34  
 -72.55 FT.

LENGTH OF ROADWAY	21,667.77 FT.	7.804 MI.
LENGTH OF BRIDGES	NONE FT.	0.000 MI.
LENGTH OF PROJECT (NET)		7.804 MI.
LENGTH OF EXCEPTIONS	NONE FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)		7.804 MI.

**EXCEPTIONS**

NONE

**LENGTH DATA**

**CONVENTIONAL SYMBOLS**

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

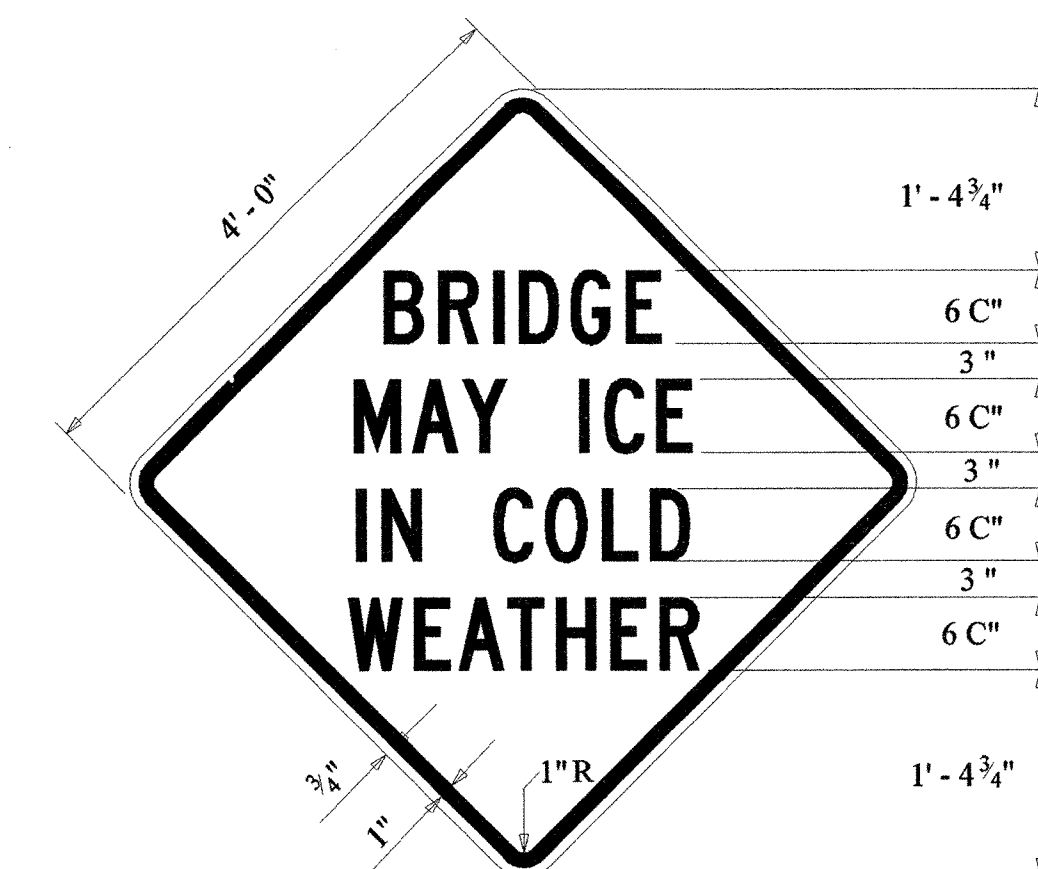
**ABMB**  
ENGINEERS, INC.

APPROVED BY:	<i>Harry Lee James</i>	DATE	5-16-07
CHIEF ENGINEER		DATE	
APPROVED BY:	<i>Donna R. Brown</i>	DATE	5-16-07
EXECUTIVE DIRECTOR		DATE	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
APPROVED:			
DIVISION ADMINISTRATOR		DATE	
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION			

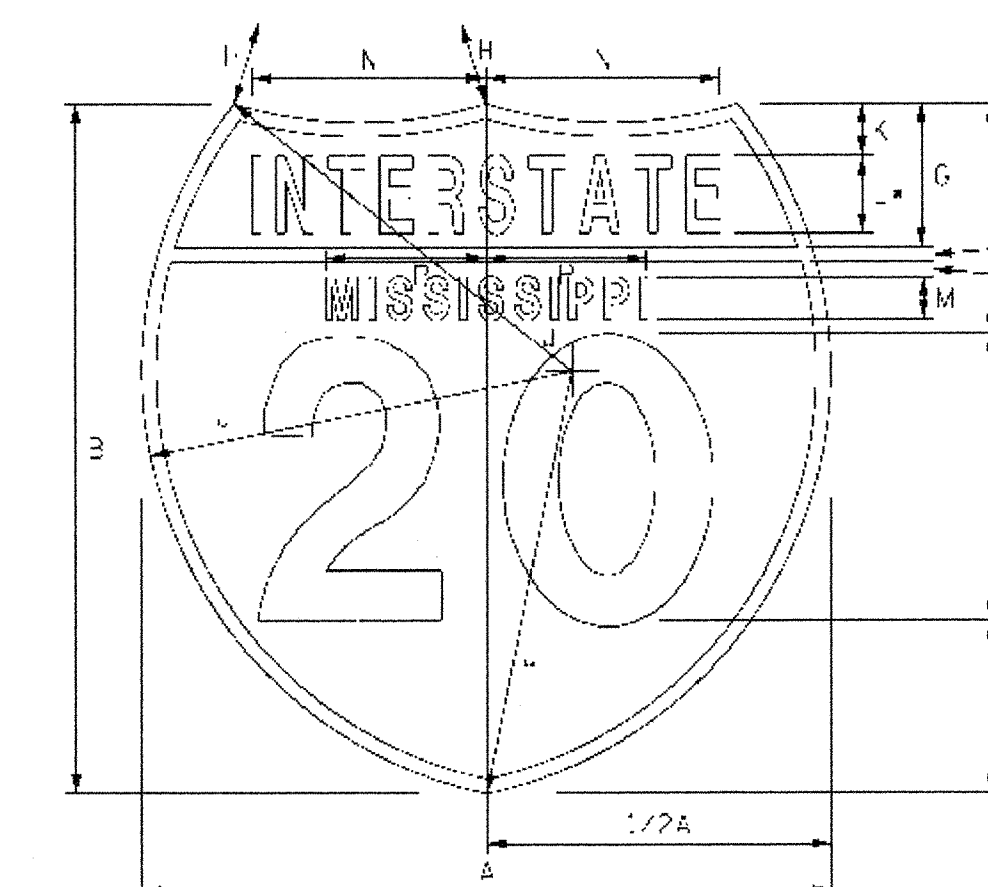


## GENERAL SIGNING NOTES

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	7.658	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	9	5	24	17	2	2.5E	1.5D	10.911	5.37
3 DIGITS	45	36	0.75	12	15D	9	7.5	36	23.5	2.75	4E	2.25D	17.455	9.055
3 DIGITS	60	48	1	16	20D	12	10	48	34	4	5E	3D	21.618	10.74

BY		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISION		<b>GENERAL SIGNING NOTES</b>	
DATE		PROJ.NO:ER-NH-0003-01(104) COUNTY: HARRISON	
DESIGN TEAM		WORKING NUMBER GN-1	
CHECKED		SHEET NUMBER 3 C	
DATE		FILENAME: DGNFILENAME DESIGN TEAM ABMB/JN CHECKED JMR DATE 3-30-07	