#### MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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

005-18-07

B.O.P. STA. 562 + 00

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

LAYOUT

FMS NO.:104569 /302000 & 104569 /310000

1 IN.= 100 FT. HOR. 1 IN.= 100 FT. VERT. 1 IN.= 10 FT. 1 IN.= 3000 FT. E.O.P. STA.973 + 40

BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REQ'D.

#### **CONVENTIONAL SYMBOLS**

COUNTY LINE

TOWN CORPORATION LINE

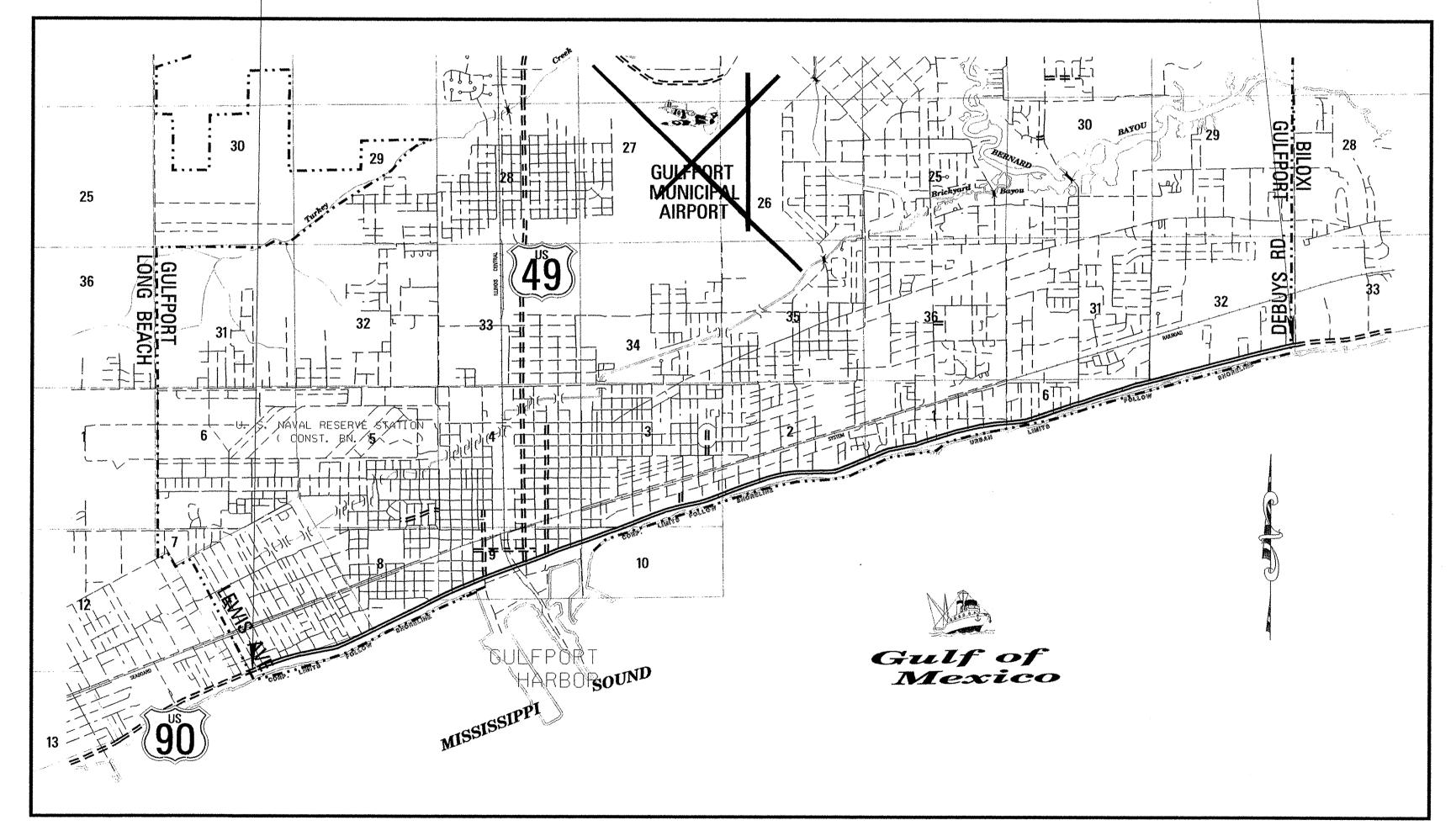
SECTION LINE

EXISTING ROAD OR TRAVELED WAY

PROPOSED ROAD OR TRAVELED WAY

RAILROAD

SURVEY LINE



#### **EQUATIONS**

SEE INDIVIDUAL TITLE SHEETS

**EXCEPTIONS** 

NONE

7.778 MI. 0.000 MI. 7.778 MI.

7.778 MI.

#### LENGTH DATA

LENGTH OF ROADWAY

LENGTH OF BRIDGES

LENGTH OF PROJECT (NET)

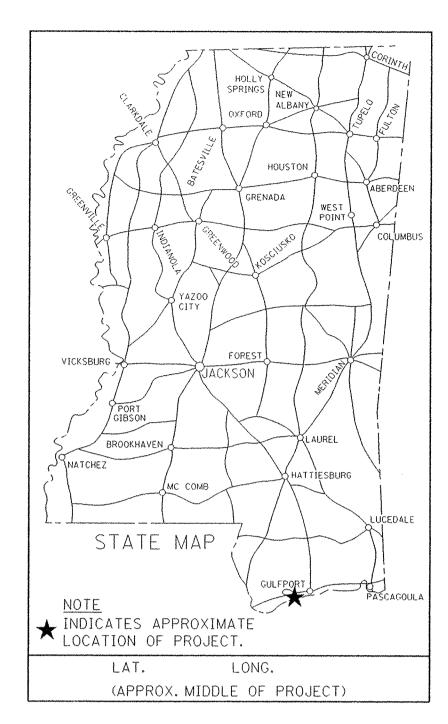
LENGTH OF EXCEPTIONS

FT.

LENGTH OF PROJECT (GROSS)

ER-NH-0003-01(104) HARRISON COUNTY

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



DESIGN ( MPH = V (SI		N)		
ADT () =: A DHV =: D =		·%		
PERMITS ACQUI	RED BY I	MDOT		
WETLANDS AND V (NECESSARY FOR ULTIMAT				
	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 P	ERMIT [	Y		
Y REQUIRED, CNOI SUB (DISTRIBUTED AREA = !	MITTED BY M 5 ACRES + )(N1	DOT IB 586)		
S REQUIRED, SCNOI TO CONTRACTOR (1 TO 4	BE SUBMITTE .99 ACRES)(N	D BY (B 14)		
N NO STORMWATER PERM	it required (	(<1 ACRE)		
APPROVED BY: ATM	DATE: 5	16/07		

PE. ER-NH-0003-01(104)A

#### **GENERAL INDEX**

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEET
TITLE SHEET  DETAILED INDEX  GENERAL NOTES  TYPICAL SECTIONS  QUANTITIES  PLAN AND PROFILES  SPECIAL DESIGN — ROADWAY ITEMS  BRIDGE DRAWINGS  SPECIAL DESIGN — BRIDGES	1 2 1 7 8 38 57
CROSS-SECTIONS	

TOTAL SHEETS

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

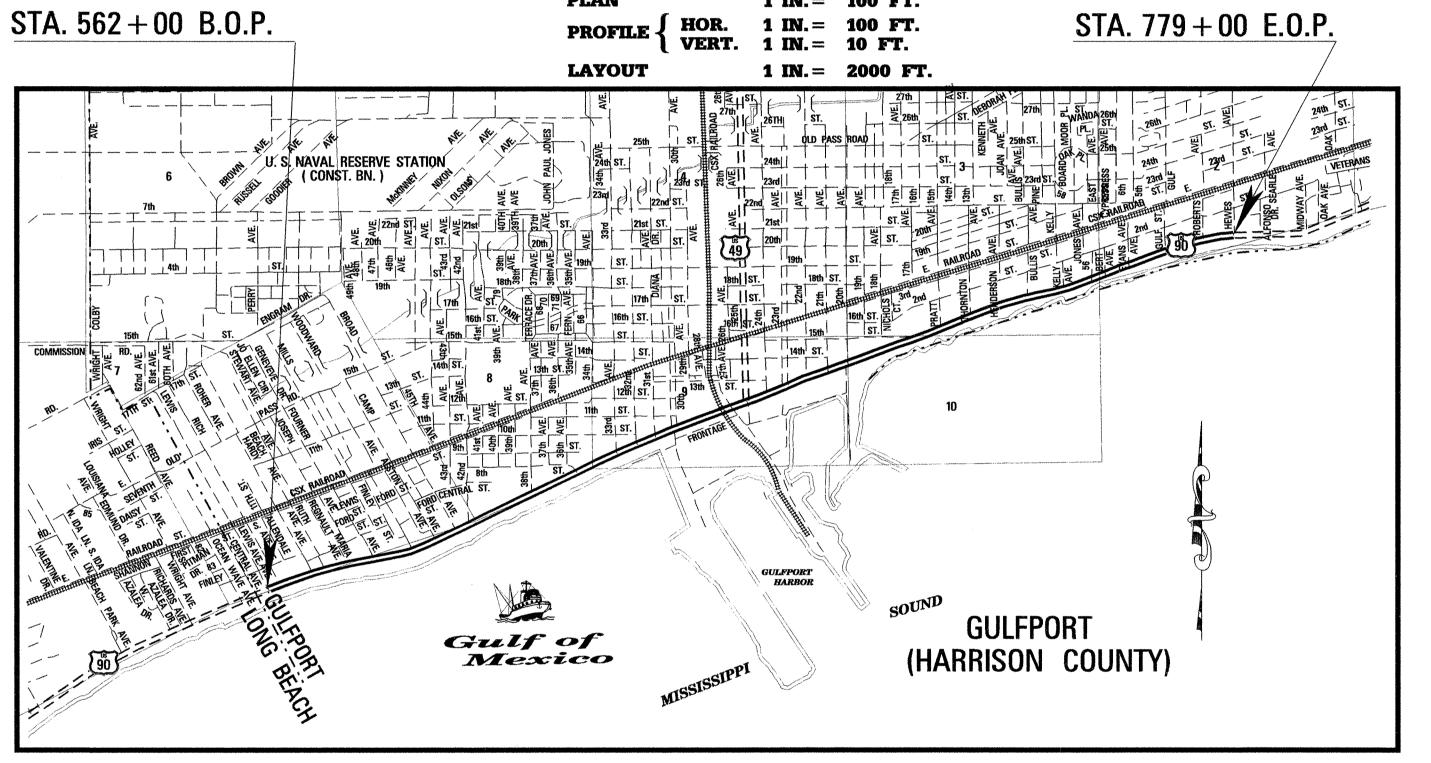
FMS NO.: 104569/302000

BRIDGE STRUCTURES REQ'D.

BOX BRIDGES REO'D.

#### **CONVENTIONAL SYMBOLS**

COUNTY LINE	
TOWN CORPORATION LINE	* ***** * * * **** * * * * * * * * * *
SECTION LINE	
EXISTING ROAD OR TRAVELED WAS	
PROPOSED ROAD OR TRAVELED WAY	Z
RAILROAD +++	+
SURVEY LINE	
BRIDGES	



#### **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  $STA. 605 + 00.881 \text{ BK} = STA. 605 + 08.311 \text{ AH} -7.43 \text{ FT.} \\ STA. 650 + 86.00 \text{ BK} = STA. 651 + 14.00 \text{ AH} -28.00 \text{ FT.}$ STA. 654 + 13.03 BK = STA. 654 + 00.00 AH + 13.03 FTSTA. 690 + 31.453 BK = STA. 690 + 67.013 AH -35.56 FT. -20.437 FT. **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.

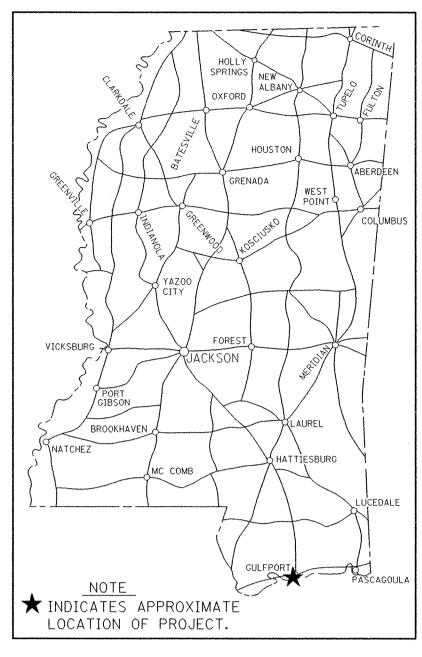
### **EXCEPTIONS**

NONE

### LENGTH DATA

LENGTH OF ROADWAY LENGTH OF BRIDGES LENGTH OF PROJECT (NET) LENGTH OF EXCEPTIONS LENGTH OF PROJECT (GROSS)

4.100 MI. .IM 000.0 4.100 MI. 0.000 MI. NONE FT 4.100 MI. REG. NO.



DESIGN CONTROL						
MPH = V (SPEED DESIGN)						
ADT (	) =	9	ADT (		TALISLANDUS TO THE PARTY OF THE	
DHV =	:	D =	%	T ==	9/	

PERMITS ACQUI	RED BY I	MDOT
WETLANDS AND V (NECESSARY FOR ULTIMAT		
	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	1
INDIVIDUAL (404)*	N	7
* ACQUISITION OF PERMITS FOR CONSTRUCTION ARE THE RESPON		
STORMWATER F	PERMIT [	Y
Y REQUIRED, CNOI SUB (DISTRIBUTED AREA = 5	MITTED BY M ACRES+)(NT	DOT B 6484)
S REQUIRED, SCNOI TO CONTRACTOR (1 TO 4.	BE SUBMITTE 99 ACRES)(NTE	D BY 3 6483)
	IIT REGUIRED	<1 ACRE)
N NO STORMWATER PERM	iii iiLQOIILD (	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DIVISION ADMINISTRATOR FEDERAL HIGHWAY ADMINISTRATION

				STATE PROMISS. ER-NH-0	ROJECT NO. ØØØ3-Ø1(1Ø4)A
DESCRIPTION_OF_SHEET_		WKG. NO.	SH. NO.	DESCRIPTION OF SHEET NO.	SH. NO.
TITLE SHEET (1)  DETAILED INDEX & GENERAL NOTES (3)  DETAILED INDEX DETAILED INDEX GENERAL NOTES		DI-1 DI-2 GN-1	2A 3A 4A	STA. 743+00 - STA. 749+00       35       5         STA. 749+00 - STA. 755+00       36       5         STA. 755+00 - STA. 761+00       37       5         STA. 761+00 - STA. 767+00       38       5         STA. 767+00 - STA. 773+00       39       5	51A 52A 53A 54A 55A 56A 57A
TYPICAL SECTION SHEETS (7)				PERMANENT MARKING DETAILS (3Ø)	
TYPICAL SECTION - U.S. HIGHWAY 90 B.O.P. TO STA. 632+80 STA. 694+40 TO STA. E.O.P.  TYPICAL SECTION - U.S. HIGHWAY 90 STA. 632+80 TO STA. 655+00 STA. 691+00 TO STA. 694+40  TYPICAL SECTION - U.S. HIGHWAY 90 STA. 655+00 TO STA. 659+20  TYPICAL SECTION - U.S. HIGHWAY 90 STA. 659+20 TO STA. 666+60  TYPICAL SECTION - U.S. HIGHWAY 90 STA. 666+60 TO STA. 672+00  TYPICAL SECTION - U.S. HIGHWAY 90 STA. 672+00 TO STA. 691+00  TYPICAL SECTION - U.S. HIGHWAY 90 SERVICE ROADS & TYPICAL ASPHA	LT DETAIL	TS-1 TS-2 TS-3 TS-4 TS-5 TS-6 TS-7	5A 6A 7A 8A 9A 1ØA 11A	STA. 567+ØØ - STA. 575+ØØ       PMD-2       STA. 575+ØØ       PMD-3       STA. 575+ØØ       PMD-3       STA. 581+ØØ       PMD-4       STA. 581+ØØ       PMD-4       STA. 587+ØØ       PMD-4       STA. 587+ØØ       PMD-5       STA. 593+ØØ       PMD-5       STA. 593+ØØ       PMD-6       STA. 593+ØØ       PMD-6       STA. 599+ØØ       PMD-7       STA. 599+ØØ       PMD-7       STA. 611+ØØ       PMD-7       STA. 623+ØØ       PMD-8       STA. 623+ØØ       PMD-9       STA. 623+ØØ       PMD-9       STA. 629+ØØ       PMD-1Ø       STA. 635+ØØ       PMD-10       STA. 635+ØØ       PMD-11       STA. 635+ØØ       PMD-11       STA. 641+ØØ       PMD-12       STA. 641+ØØ       STA. 641+ØØ <td>58A 59A 60A 61A 62A 63A 64A 65A 66A 67A 68A</td>	58A 59A 60A 61A 62A 63A 64A 65A 66A 67A 68A
QUANTITY SHEETS (8)  SUMMARY OF QUANTITIES SUMMARY OF QUANTITIES  ESTIMATED QUANTITIES - CURB & GUTTER ESTIMATED QUANTITIES - PAVEMENT MARKINGS ESTIMATED QUANTITIES - REMOVAL ITEMS ESTIMATED QUANTITIES - DRAINAGE STRUCTURES ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS  PLAN & PROFILE SHEETS (38)		SQ-1 SQ-2 SQ-3 EQ-1 EQ-2 EQ-3 EQ-4 TCQ-1	12A 13A 14A 15A 16A 17A 18A 19A	STA. 647+ØØ - STA. 653+ØØ       PMD-13         STA. 653+ØØ - STA. 659+ØØ       PMD-14         STA. 659+ØØ - STA. 665+ØØ       PMD-15         STA. 665+ØØ - STA. 671+ØØ       PMD-16         STA. 671+ØØ - STA. 677+ØØ       PMD-17         STA. 683+ØØ - STA. 683+ØØ       PMD-18         STA. 689+ØØ - STA. 696+ØØ       PMD-2Ø         STA. 696+ØØ - STA. 707+ØØ       PMD-21         STA. 707+ØØ - STA. 713+ØØ       PMD-22         STA. 713+ØØ - STA. 719+ØØ       PMD-23         STA. 719+ØØ - STA. 725+ØØ       PMD-24	69A 70A 71A 72A 73A 74A 75A 76A 77A 78A 79A 80A 81A 82A
B.O.P STA. 566+00 STA. 572+00 STA. 572+00 STA. 572+00 - STA. 572+00 STA. 578+00 - STA. 584+00 STA. 578+00 - STA. 584+00 STA. 584+00 - STA. 589+00 STA. 598+00 - STA. 598+00 STA. 598+00 - STA. 598+00 STA. 598+00 - STA. 598+00 STA. 598+00 - STA. 610+00 STA. 610+00 - STA. 610+00 STA. 610+00 - STA. 610+00 STA. 610+00 - STA. 610+00 STA. 622+00 - STA. 622+00 STA. 628+00 - STA. 634+00 STA. 634+00 - STA. 640+00 STA. 640+00 STA. 640+00 STA. 640+00 STA. 640+00 - STA. 640+00 STA. 652+00 - STA. 654+00 STA. 652+00 - STA. 664+00 STA. 652+00 - STA. 664+00 STA. 652+00 - STA. 664+00 STA. 660+00 - STA. 666+00 STA. 666+00 - STA. 666+00 STA. 672+00 - STA. 672+00 STA. 672+00 - STA. 678+00 STA. 678+00 - STA. 696+00 - STA. 696+00 STA. 690+00 - STA. 696+00 - STA. 696+00 - STA. 696+00 - STA. 696+00 - STA. 702+00 - STA. 714+00		3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	20A 21A 22A 23A 24A 25A 26A 27A 28A 31A 31A 31A 31A 31A 31A 31A 31A 31A 31	STA. 731+00 - STA. 737+00       PMD-26       8         STA. 737+00 - STA. 743+00       PMD-27       8         STA. 743+00 - STA. 755+00       PMD-28       8         STA. 755+00 - STA. 767+00       PMD-29       8         STA. 767+00 - STA. 779+00       PMD-30       8	83A 84A 85A 86A 87A
05/08/2007				L COUNTY: HARRISON SH	IRKING NUMBER DI-1 HEET NUMBER 2A

					MISS.	ER-NH-ØØØ3-Ø1(1Ø4
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 DETAILS, DRAINAGE STRUCTURES TYPES SS-5A, 5B, 5C MOD AND JB-MOD	CS-1 DDST-5	88A 89A	TRAFFIC CONTROL PLANS			
SPECIAL DESIGN STORM SEWER STRUCTURE TYPE SS-5A,5B & 5C SPECIAL DESIGN CASTING FOR STORM SEWER	SS-5	9ØA	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO WAY TRAFFIC)		TCP-1	25Ø
STRUCTURE, TYPE SS-5A, 5B & 5C	SS-5E	91A	TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE:MEDIAN LANE OR OUTSIDE LANE CLOSURE)			
DETAIL DRAINAGE SS-5 INLET TOP REMOVAL AND REPLACEMENT	SS-5RR	92A	(WORK DAY ONLY)		TCP-2	251
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)			SHORT DURATION CLOSING OF DIVIDED HIGHWAYS HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION		TCP-9	258
(EXTENDED PERIOD)	SDTCP-3	94A	PROJECTS TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS		TCP-1Ø	259
CURB-CUT RAMP	SDCCR-1	95A	AND TWO-LANE ROADS TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS	12-Ø1-99	TCP-11 TCP-14	26Ø 263
STANDARD DRAWINGS - ROADWAY SHEETS (19)			TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE	10 01 00		
PAVEMENT MARKINGS			DIVIDED HIGHWAYS TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE	12-Ø1-99	TCP-15	264
	1-99 PM-1	120	UNDIVIDED HIGHWAYS	12-Ø1-99	TCP-16	265
PAVEMENT MARKING DETAILS FOR 4 & 5-LANE UNDIVED ROADWAYS 12-03	1-99 PM-2	121	MISCELLANEOUS ROADWAY DETAILS			
			DRIVEWAYS, CURB & GUTTER, & SIDEWALK		SD-1	287
PAVEMENT MARKING LEGEND DETAILS	PM-5	124				All the second s
PAVEMENT MARKING LEGEND DETAILS	PM-6	125	DRAINAGE			
EROSION CONTROL			PIPE CULVERT INSTALLATION PIPE COLLAR - CONCRETE		PI-1 PC-1	3ØØ 3Ø1
EROSION CONTROL TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE,	EC-1	140	STORM SEWER STRUCTURE -TYPE SS-2 STORM SEWER STRUCTURE, TYPE SS-4 HEADER CURB		SS-2 SS-4	322 324
HAY BALES, & BRUSH BARRIER)	TEC-1	142				

			ВҮ	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
				DETAILED INDEX
			REVISION	
		,		PROJECT NO. ER-NH-0003-01(104) COUNTY: HARRISON  WORKING NUMBE DI-2
			DATE	FILENAME: SHEET NUMBER DESIGN TEAMCHECKEDDATE SA

STATE

PROJECT NO.

1. PUBLIC UTILITIES

A. MISSISSIPPI POWER
B. CENTER POINT ENERGY-ENTEX

228-435-6025 896-7500

C. BELL SOUTH
D. CABLE ONE

1-800-855-1155 228-374-5900 868-5792

E. CITY OF GULFPORT

- 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).

STATE	PROJECT NO.
MISS.	ER-NH-ØØØ3-Ø1(1Ø4)

- 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.

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				ВҮ	MISSISSIPPI DEPARTMENT OF TRANS	SPORTATION
l					GENERAL NOT	ES
				,		
				REVISION		
				R		
			ı	I	PROJ NO: ER-NH-ØØØ3-Ø1(1Ø4)	WORKING NUMBER
L					COUNTY: HARRISON	GN-1
Γ	T			Ш	FILENAME:	SHEET NUMBER
				Z Z	DECION TEAM ONEONED DATE	

GN-1. DGN

STATE | PROJECT NO.

MISS. | ER-NH-0003-01(104)E

#### **GENERAL INDEX**

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBEF OF SHEET
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	

TOTAL SHEETS 9Ø

**CROSS-SECTIONS** 

#### STATE OF MISSISSIPPI

#### MISSISSIPPI DEPARTMENT OF TRANSPORTATION

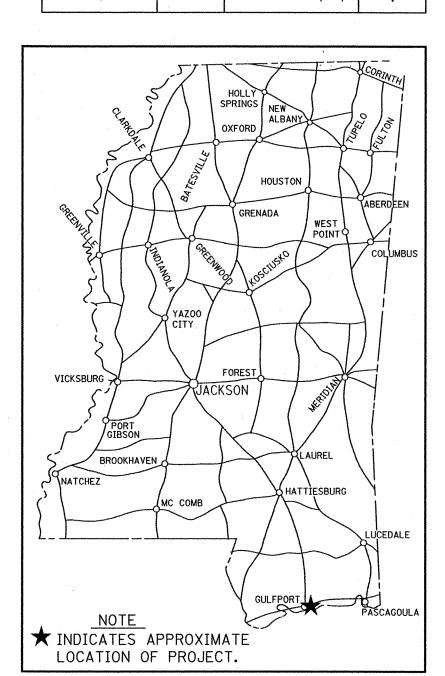
## PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. ER-NH-0003-01(104)B

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

1 IN. = 2000 FT.

STA. 973 + 40 E.O.P.

FMS NO.: 104569/302000



	the state of the s
PERMITS ACQUII	RED BY MDOT
WETLANDS AND W (NECESSARY FOR ULTIMATE	
NATIONWIDE #14	WATERS WETLANDS
NATIONWIDE (OTHER)*	N
GENERAL*	N N
INDIVIDUAL (404)*	N N
* Acquisition of Permits for t Construction are the respons	
STORMWATER P	ermit <b>Y</b>
Y REQUIRED, CNOI SUBN (DISTRIBUTED AREA = 5	MITTED BY MDOT ACRES+)(NTB 6484)
S REQUIRED, SCNOI TO CONTRACTOR (1 TO 4.9	BE SUBMITTED BY 9 ACRES)(NTB 6483)
N NO STORMWATER PERMI	T REQUIRED (<1 ACRE)
APPROVED BY: ATM	DATE: 5/16/07

#### 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	

## **GULFPORT** Gulf of Mexico (HARRISON COUNTY)

-22.509 FT.

#### **EQUATIONS**

STA. 779 + 00 B.O.P.

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.

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.

## LENGTH DATA

LENGTH OF ROADWAY LENGTH OF PROJECT (GROSS) 19,417.491 FT. 3.678 MI. 0.000 MI. 3.678 MI. 3.678 MI.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION **DIVISION ADMINISTRATOR** FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION

**EXCEPTIONS** 

NONE

				STATE PROJECT NO.
	WKG. SH.			MISS.   ER-NH-0003-01(104)B
DESCRIPTION OF SHEET	WKG. SH. NO. NO.	DESCRIPTION OF SHEET		WKG. SH. NO.
TITLE SHEET (1)	1	STA. 958+ØØ - STA. 964+ØØ		33 45B
DETAILED INDEX & GENERAL NOTES (3)		STA. 964+00 - STA. 970+00 STA. 970+00 - E.O.P.		34 46B 35 47B
DETAILED INDEX DETAILED INDEX	DI-1 2B DI-2 3B			
GENERAL NOTES	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+ØØ		PMD-1 48B
		STA. 791+00 - STA. 803+00 STA. 803+00 - STA. 815+00 STA. 815+00 - STA. 827+00		PMD-2 49B PMD-3 5ØB PMD-4 51B
QUANTITY SHEETS (8) SUMMARY OF QUANTITIES	SQ-1 7B	STA. 813+00 - STA. 821+00 STA. 827+00 - STA. 839+00 STA. 839+00 - STA. 851+00		PMD-5 52B PMD-6 53B
SUMMARY OF QUANTITIES SUMMARY OF QUANTITIES	SQ-2 8B SQ-3 9B	STA. 851+ØØ - STA. 863+ØØ STA. 863+ØØ - STA. 875+ØØ		PMD-7 54B PMD-8 55B
ESTIMATED QUANTITIES - CURB & GUTTER ESTIMATED QUANTITIES - PAVEMENT MARKINGS	EQ-1 1ØB EQ-2 11B	STA. 875+00 - STA. 887+00 STA. 887+00 - STA. 899+00		PMD-9 56B PMD-1Ø 57B
ESTIMATED QUANTITIES - REMOVAL ITEMS  ESTIMATED QUANTITIES - REMOVAL ITEMS  ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-3 12B EQ-4 13B	STA. 899+00 - STA. 911+00 STA. 911+00 - STA. 923+00 STA. 923+00 - STA. 935+00		PMD-11 58B PMD-12 59B PMD-13 6ØB
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	TCQ-1 14B	STA. 935+00 - STA. 947+00 STA. 947+00 - STA. 959+00		PMD-14 61B PMD-15 62B
		STA. 959+ØØ - STA. 971+ØØ STA. 971+ØØ - STA. E.O.P.		PMD-16 63B PMD-17 64B
PLAN & PROFILE SHEETS (33)  B.O.P. – STA. 785+ØØ	3 15B			
STA. 785+ØØ - STA. 791+ØØ STA. 791+ØØ - STA. 797+ØØ	4 16B 5 17B			
STA. 797+00 - STA. 803+00 STA. 803+00 - STA. 809+00	6 18B 7 19B			
STA.809+00 - STA.815+00 STA.815+00 - STA.821+00 STA.821+00 - STA.826+00	8 2ØB 9 21B			
STA. 826+00 - STA. 832+00 STA. 832+00 - STA. 838+00	1Ø 22B 11 23B 12 24B			
STA.838+00 - STA.844+00 STA.844+00 - STA.850+00	13 25B 14 26B			
STA. 85Ø+ØØ - STA. 856+ØØ STA. 856+ØØ - STA. 862+ØØ	15 27B 16 28B			
STA.862+00 - STA.868+00 STA.868+00 - STA.874+00 STA.874+00 - STA.880+00	17 29B 18 3ØB 19 31B			
STA. 88Ø+ØØ - STA. 886+ØØ STA. 886+ØØ - STA. 892+ØØ	2Ø 32B 21 33B			
STA. 892+00 - STA. 898+00 STA. 898+00 - STA. 904+00	22 34B 23 35B			
STA. 904+00 - STA. 910+00 STA. 910+00 - STA. 916+00	24 36B 25 37B			R
STA. 916+00 - STA. 922+00 STA. 922+00 - STA. 928+00 STA. 928+00 - STA. 934+00	26 38B 27 39B 28 4ØB		MISSISSIDDI DEDADTMET	VT OF TRANSPORTATION
STA. 934+00 - STA. 940+00 STA. 940+00 - STA. 946+00	29 41B 3Ø 42B	PS & E PLANS-DATE.5/18/07  FMS CON. # _104569/302000	MISSISSIPPI DEPARTMEN	VI OF INAMOPORTATION
STA. 946+00 - STA. 952+00 STA. 952+00 - STA. 958+00	31 43B 32 44B	REVISIONS  DATE SHEET NO. BY	DETAILE	ED INDEX
			NOISION	
				-01(104)B WORKING NUMBER
			COUNTY : HARRISON	DI-1 SHEET NUMBER
05/1			변 FILENAME:CHECKED	DATE2B

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				
SPECIAL DESIGN STORM SEWER STRUCTURE TYPE SS-5A, 5B & 5C SPECIAL DESIGN CASTING FOR STORM SEWER		SS-5	67B	TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO WAY TRAFFIC)		TCP-1	250
STRUCTURE, TYPE SS-5A, 5B & 5C		SS-5E	68B	TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE:MEDIAN LANE OR OUTSIDE LANE CLOSURE)			
DETAIL DRAINAGE SS-5 INLET TOP REMOVAL AND REPLACEMENT		SS-5RR	69B	(WORK DAY ONLY)		TCP-2	251
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE		TCP-SC	7ØB				
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE:MEDIAN LANE OR OUTSIDE LANE CLOSURE)				SHORT DURATION CLOSING OF DIVIDED HIGHWAYS HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION		TCP-9	258
(EXTENDED PERIOD)		SDTCP-3	71B	PROJECTS TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS		TCP-1Ø	259
CURB-CUT RAMP		SDCCR-1	72B	AND TWO-LANE ROADS  TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS	12-Ø1-99	TCP-11 TCP-14	26Ø 263
STANDARD DRAWINGS - ROADWAY SHEETS (18)				TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12-Ø1-99	TCP-15	263
PAVEMENT MARKINGS				TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE		TCP-16	
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	12-Ø1-99	PM-1	12Ø	UNDIVIDED HIGHWAYS	12-Ø1-99	1CF-10	265
PAVEMENT MARKING DETAILS FOR 4 & 5-LANE UNDIVED ROADWAYS	12-Ø1-99	PM-2	121				
TAVENDENT MARKETNO DETAILS FOR TOO S LANC GROTVED ROADWATS	12 01 33	1 141 2	121	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 PIPE COLLAR - CONCRETE		PI-1 PC-1	3ØØ 3Ø1
EROSION CONTROL TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE,		EC-1	140	STORM SEWER STRUCTURE - TYPE SS-2		SS-2	322
HAY BALES & BRIISH BARRIED)		TEC 1	1 4 0				

TEC-1 142

HAY BALES, & BRUSH BARRIER)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION DETAILED INDEX

PROJECT NO. ER-NH-0003-01(104) COUNTY: HARRISON 본 FILENAME:\_ DESIGN TEAM\_\_\_\_

WORKING NUMBER
DI-2
SHEET NUMBER 3B \_\_\_CHECKED\_\_ \_\_DATE\_\_

STATE | PROJECT NO.

1. PUBLIC UTILITIES

A. MISSISSIPPI POWER
B. CENTER POINT ENERGY-ENTEX

228-435-6025

B. CENTER POINT ENERGY—ENT
C. BELL SOUTH

896-75ØØ 1-8ØØ-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).

STATE	PROJECT	NO.
MISS.	ER-NH-ØØØ3-0	01(104)

- 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.

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				GENERAL NOTES	
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				PROJ. NO: ER-NH-ØØØ3-Ø1(1Ø4)	WORKING NUMBER
	-			COUNTY: HARRISON	GN-1
			Ц	FILENAME: GN-1.DGN	SHEET NUMBER
			ć	DESIGN TEAMCHECKEDDATE	4B

#### 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

SCA

LAYOUT

1 IN.= 4000 FT.

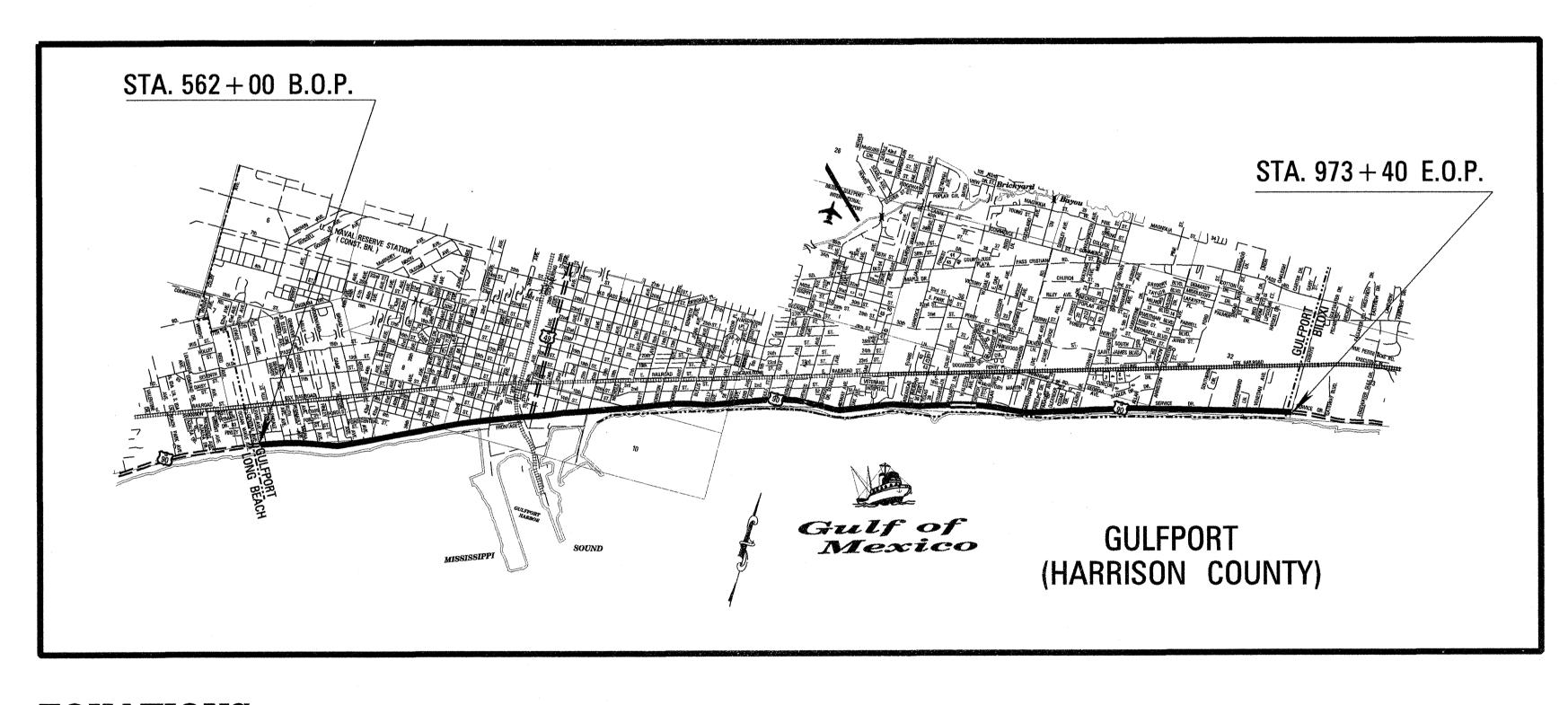
LENGTH LENGTH

BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE



#### **EQUATIONS**

COUNTY LINE	
TOWN CORPORATION L	INE
SECTION LINE	
EXISTING ROAD OR T	RAVELED WAY
PROPOSED ROAD OR T	RAVELED WAY
RAILROAD	·····
SURVEY LINE	
BRIDGES	

**CONVENTIONAL SYMBOLS** 

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. 858 + 80.60 AH -23.61 FT.
STA. $856 + 56.99$ BK =	
STA. 895 + 04.48 BK =	STA.895 + 02.14 AH. $+2.34$
	–72.55 FT.

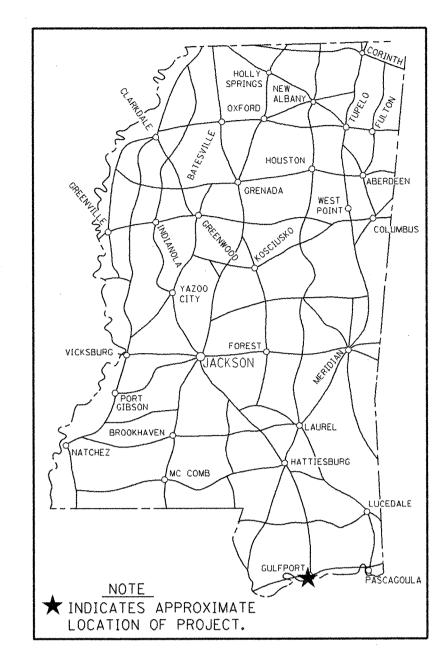
#### **EXCEPTIONS**

VONE

#### LENGTH DATA

21,667.77 FT.	7.8
NONE FT.	0.0
	7.8
NONE FT.	0.0
	7.8
	- Arribation

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



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45	5	MPH	-	٧	(SPEEI	) DI	ESIC	GN)	
ADT	(200	<u>)5)</u> =	36	000:	ADT	(20	25)	===	<u>72000</u>
DHV	-	<u>3600</u> :	D	-	60%	T		5%	6

PERMITS ACQUI	RED BY I	MDOT				
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):						
NATIONWIDE #14	WATERS N	WETLANDS N				
NATIONWIDE (OTHER)*	N	N				
GENERAL*	N	N				
INDIVIDUAL (404)*	N	N				
* ACQUISITION OF PERMITS FOR CONSTRUCTION ARE THE RESPON						
STORMWATER F	PERMIT	N				
Y REQUIRED, CNOI SUB (DISTRIBUTED AREA = 5	MITTED BY M ACRES + )(NT	DOT B 6484)				
S REQUIRED, SCNOI TO CONTRACTOR (1 TO 4.5	BE SUBMITTI 99 ACRES)(NT	D BY B 6483)				
N NO STORMWATER PERM	IT REQUIRED	(<1 ACRE)				
APPROVED BY: JER	DATE:	3/31/07				



		125
REVISIONS BY	CHIEF ENGINEER  CHIEF ENGINEER  EXECUTIVE DIRECTOR  MISSISSIPPI DEPARTMENT OF TRANSF	S-16-67 DATE  S-(6-67) DATE  CORTATION
	APPROVED:  DIVISION ADMINISTRATOR  FEDERAL HIGHWAY ADMINISTRA	
DATE	DEPARTMENT OF TRANSPORTA	IIUN

ER-NH-0003-01(104)

HARRISON COUNTY 1 C

#### INDEX TO DRAWINGS

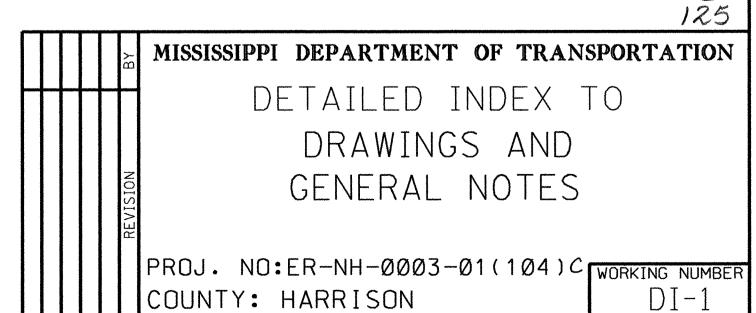
<u> </u>	WORKING NUMBER	SHEET NUMBER
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		* <del>**</del>

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 for loop detectors shall be 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 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 1240 for traffic signal controller interconnect details.

PS &	PS & E PLANS-DATE								
FMS CON.#	104569/302000 & 104	94569/310000 BY							
	REVISIONS								
DATE	DATE SHEET NO.								



COUNTY: HARRISON
FILENAME: INDEX.DGN

DESIGN TEAM ABMB/JN CHECKED DATE DATE

SHEET NUMBER

2 C

PROJECT NO.

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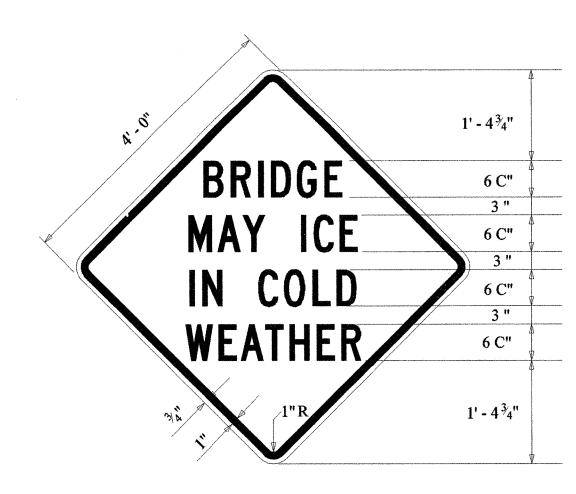
STATE

PLAN ROADWAY DESIGN D

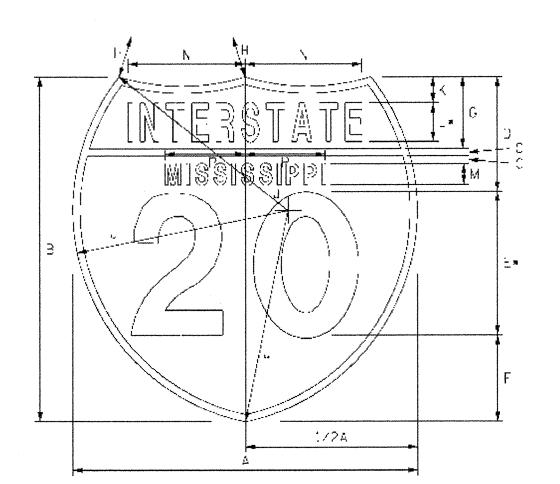
STATE	PROJECT NO.
MISS.	ER-NH-0003-01(104)

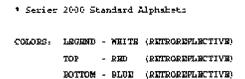
#### GENERAL SIGNING NOTES

- 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 COMPLETLY 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, REMIVAL OF OBSTRUCTION.
- 14. SIGNS THAT ARE MOUNTED TO TRAFFIC SIGNAL MAST ARM POLES SHALL BE ATTATCHED USING 5/8" WIDTH, DARK BRONZE POWDER—
  COATED BAND STRAPPING AND CLIPS. COMMERCIALLY 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





SIGN	Α	В	C	D	E	F	Ģ	Н	J	К	L	М	Ν	P
1,2 DIGITS	24	24	0.5	δ	10D	5	5	15	15	2	<b>2</b> .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	4¢	2,25D	12.246	8,055
1,2 DIGITS	48	48	1	18	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	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

BANGERAL SIGNING NOTES

PROJ.NO:ER-NH-0003-01(104)
COUNTY: HARRISON

FILENAME: DGNFILENAME
DESIGN TEAM ABMB/JN CHECKED JMR DATE 3-30-07

SHEET NUMBER
3 C