

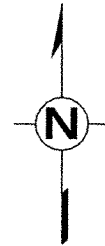
**STATE OF MISSISSIPPI**  
**MISSISSIPPI DEPARTMENT OF TRANSPORTATION**

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

## FEDERAL AID PROJECT NO. HSIP-0000-02(007)

GUARDRAIL PLACEMENT IN VARIOUS LOCATIONS  
 ATTALA, BENTON & MARSHALL COUNTIES  
 SEE TITLE SHEET 1 FOR ATTALA & BENTON COUNTIES

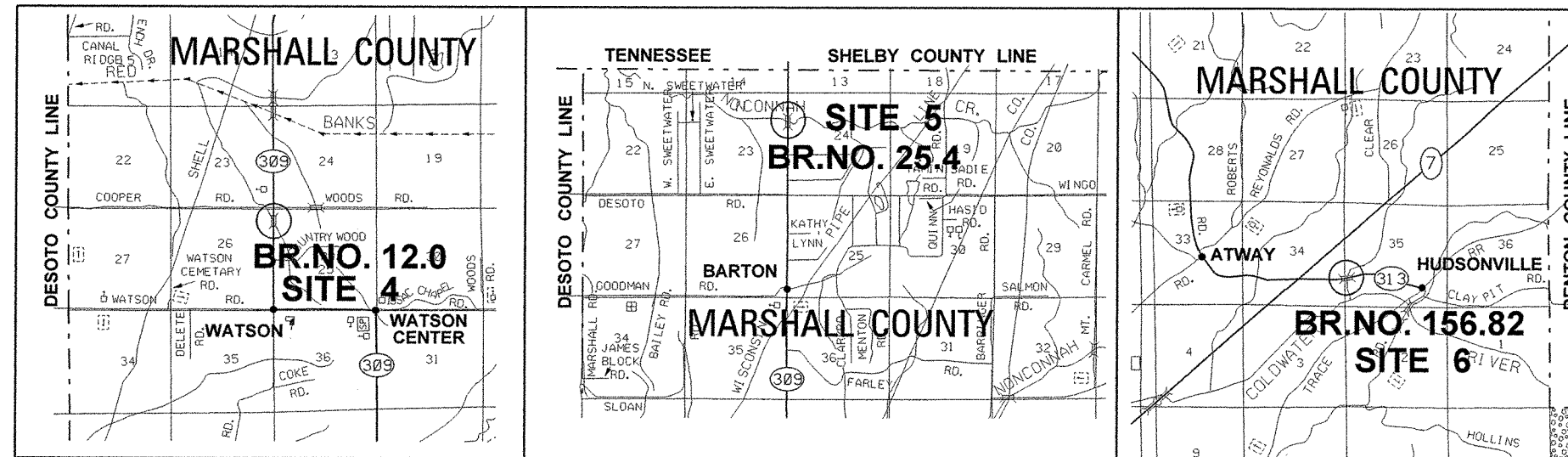
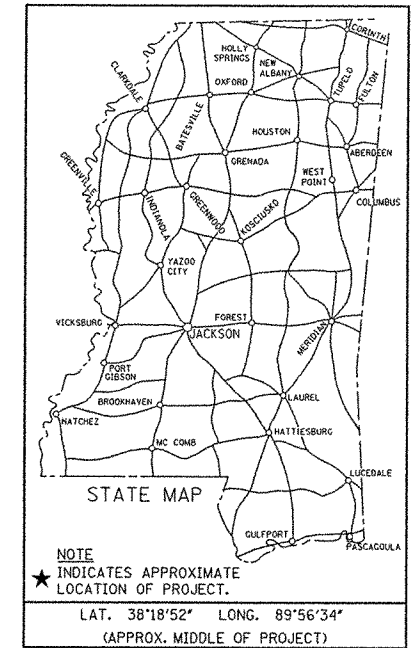
FMS 104895 /301000



**SCALES**

**PLAN** 1 IN. = 100 FT.  
**PROFILE** { **HOR.** 1 IN. = 100 FT.  
               **VERT.** 1 IN. = 10 FT.  
**LAYOUT** 1 IN. = 7000 FT.

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	HSIP-0000-02(007)	1.1



DESIGN CONTROL	
MPH = V (SPEED DESIGN)	
ADT ( ) = : ADT ( ) =	
DHV = : D = % T = %	
PERMITS ACQUIRED BY MDOT	
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):	
NATIONWIDE #14	<input type="checkbox"/> WATERS <input type="checkbox"/> WETLANDS
NATIONWIDE (OTHER)*	<input type="checkbox"/> WATERS <input type="checkbox"/> WETLANDS
GENERAL*	<input type="checkbox"/> WATERS <input type="checkbox"/> WETLANDS
INDIVIDUAL (404)*	<input type="checkbox"/> WATERS <input type="checkbox"/> WETLANDS
<small>* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR</small>	
STORMWATER PERMIT	<input checked="" type="checkbox"/>
Y	<input type="checkbox"/> REQUIRED, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES + INTB 6484)
S	<input type="checkbox"/> REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES/INTB 6485)
N	<input type="checkbox"/> NO STORMWATER PERMIT REQUIRED (<1 ACRE)
APPROVED BY: <i>JRP</i>	DATE: 11/09/07

**CONVENTIONAL SYMBOLS**

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

**EQUATIONS**

**LENGTH DATA**

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

**EXCEPTIONS**

APPROVED BY: <i>Larry Lee James</i>	DATE: 11-9-07
CHIEF ENGINEER	
APPROVED BY: <i>[Signature]</i>	DATE: 11-9-07
EXECUTIVE DIRECTOR	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
APPROVED:	
DIVISION ADMINISTRATOR	DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

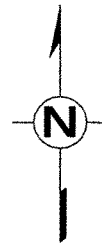
①11-09-07

STATE OF MISSISSIPPI  
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

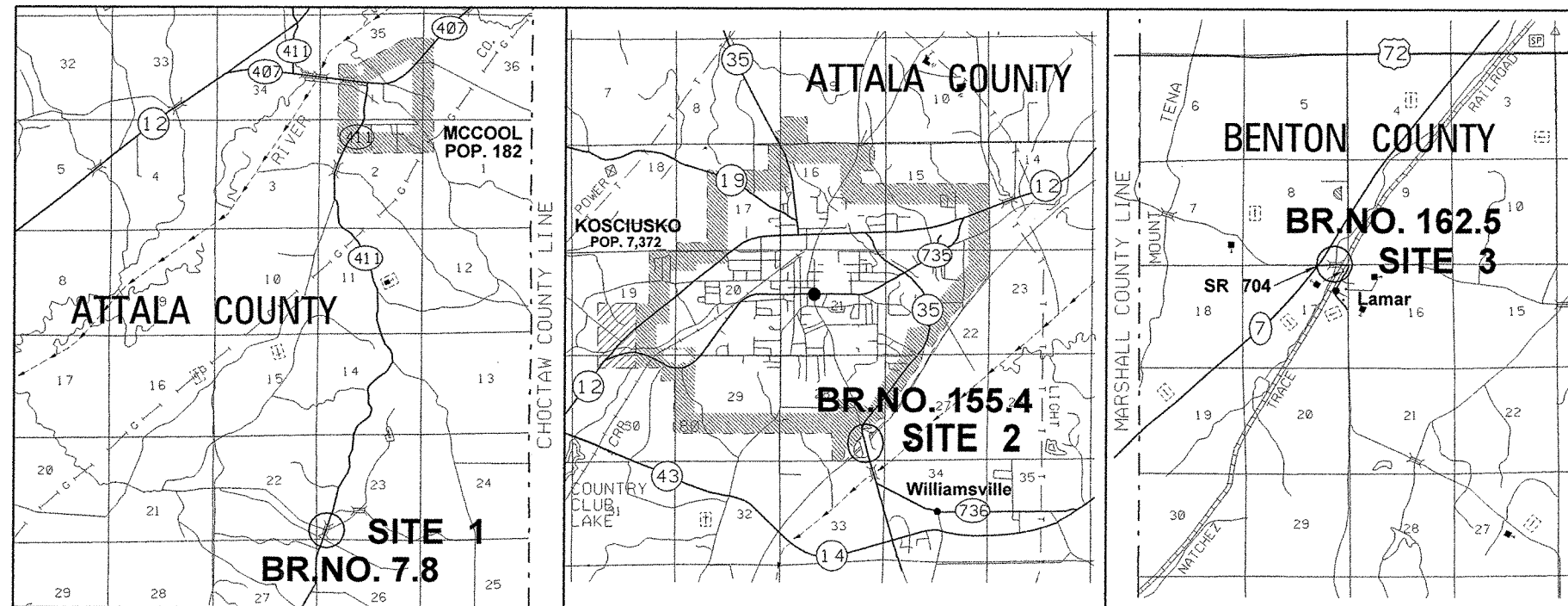
PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY  
FEDERAL AID PROJECT NO. HSIP-0000-02(007)

GUARDRAIL PLACEMENT IN VARIOUS LOCATIONS  
ATTALA, BENTON & MARSHALL COUNTIES  
SEE TITLE SHEET 1.1 FOR MARSHALL COUNTY

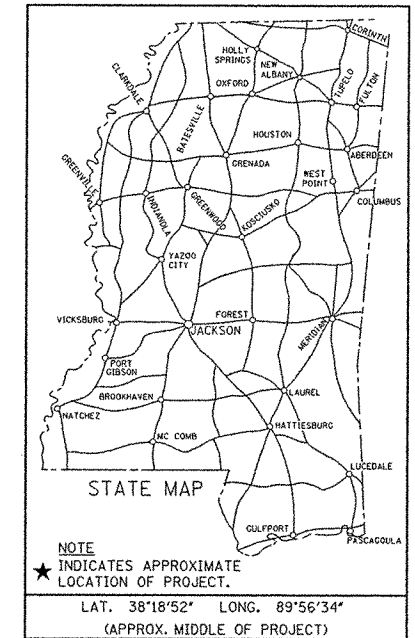
FMS 104895 /301000



SCALES  
PLAN 1 IN. = 100 FT.  
PROFILE { HOR. 1 IN. = 100 FT.  
VERT. 1 IN. = 10 FT.  
LAYOUT 1 IN. = 7000 FT.



FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	HSIP-0000-02(007)	1



DESIGN CONTROL

MPH = V (SPEED DESIGN)

ADT ( ) = : ADT ( ) =

DHV = : D = % T = %

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

Y REQUIRED CNOI SUBMITTED BY MDT (DISTRIBUTED AREA=5 ACRES+INTB 8484)

S REQUIRED SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES+INTB 8483)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: *[Signature]* DATE: 11/09/07

CONVENTIONAL SYMBOLS

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

EQUATIONS

LENGTH DATA

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

EXCEPTIONS

APPROVED BY:	<i>[Signature]</i>	DATE:	11-9-07
CHIEF ENGINEER		DATE	
EXECUTIVE ENGINEER	<i>[Signature]</i>	DATE	11-9-07
MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
APPROVED:		DATE	
DIVISION ADMINISTRATOR		DATE	
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION			

DESCRIPTION OF SHEET	REVISION	WKG. NO.	SH. NO.
<u>TITLE SHEETS (2)</u>			
TITLE SHEET - ATTALA, BENTON & TATE COUNTIES			1
TITLE SHEET - MARSHALL COUNTY			1.1
<u>DETAILED INDEX &amp; GENERAL NOTES SHEET (2)</u>			
DETAILED INDEX		DI-1	2
GENERAL NOTES		GN-1	3
<u>TYPICAL SECTION SHEETS (1)</u>			
TYPICAL SECTION 3R @ BRIDGES		TS-3R-2	4
<u>QUANTITY SHEETS (5)</u>			
SUMMARY OF QUANTITY		SQ-1	5
SUMMARY OF QUANTITY		SQ-2	6
ESTIMATED QUANTITY - ATTALA COUNTY		EQ-1	7
ESTIMATED QUANTITY - BENTON COUNTY		EQ-2	8
ESTIMATED QUANTITY - MARSHALL COUNTY		EQ-3	9
<u>PLAN &amp; PROFILE SHEETS (6)</u>			
PLAN - PROFILE STA. 405+99.75 TO 417+32.65 ( SITE NO. 1 )		3	10
PLAN - PROFILE STA. 544+00.00 TO 551+00.00 ( SITE NO. 2 )		4	11
PLAN - PROFILE STA. 5+00.00 TO 12+00.00 ( SITE NO. 3 )		5	12
PLAN - PROFILE STA. 50+35.00 TO 60+74.00 ( SITE NO. 4 )		6	13
PLAN - PROFILE STA. 5+04.39 TO 16+70.93 ( SITE NO. 5 )		7	14
PLAN - PROFILE STA. 6+00.00 TO 15+00.00 ( SITE NO. 6 )		8	15
<u>SPECIAL DESIGN SHEETS (6)</u>			
SPECIAL DESIGN BRIDGE GUARD-RAIL CONNECTOR ( SITE NO. 3 - BRIDGE NO. 162.5 )		BGRC-1	16
SPECIAL DESIGN BRIDGE GUARD-RAIL CONNECTOR ( SITE NO. 9 - BRIDGE NO. 156.82 )		BGRC-2	17
DETAIL OF MODIFIED BRIDGE END SECTION ( BRIDGE NO. 155.4 )		DT-1	18
DETAIL OF MODIFIED BRIDGE END SECTION ( BRIDGE NO. 155.4 )		DT-2	19
GUARD-RAIL: SHOULDER & SLOPE DETAILS ON 2-LANE, 2-WAY HIGHWAYS		SD-3R-1	20
VEGETATION SCHEDULE		VS-1	21

DESCRIPTION OF SHEET	REVISION	WKG. NO.	SH. NO.
<u>STANDARD DRAWING SHEETS (13)</u>			
EROSION CONTROL		EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES ( SILT FENCE, HAY BALES & BRUSH BARRIER )		TEC-1	142
DETAILS OF DITCH TREATMENT		DT-1	145
GUARDRAIL: "W" BEAM ( WOOD POSTS )	( 03-01-02 )	GR-1	180
GUARDRAIL: "W" BEAM ( STEEL POSTS )	( 03-01-02 )	GR-1B	182
GUARDRAIL: BRIDGE END SECTION TYPE "A" & "C"		GR-2	184
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAYS	( 12-01-99 )	GR-4A	195
GUARDRAIL: MISCELLANEOUS HARDWARE	( 03-01-02 )	GR-HW	202
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS		SN-8	233
TYPICAL GUARDRAIL DELINEATION	( 03-01-02 )	SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER ( ONE-LANE OF TWO-WAY TRAFFIC )		TCP-1	250
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS		TCP-8	257
HIGHWAY SIGN & BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP-10	259
TOTAL SHEETS ( 35 )			

ROADWAY DESIGN PLAN C.A.D.S. SECTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

B. SULLIVANT

PS & E PLANS-DATE 11/09/07		
FMS CON. # 104893/301000		
REVISIONS		
DATE	SHEET NO.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
<b>DETAILED INDEX</b>	
PROJECT NO. HSIP-2000-00(002)	
COUNTY : ATTALA, BENTON & MARSHALL	
DATE	WORKING NUMBER
FILENAME: DI-1.DGN	DI-1
DESIGN TEAM	SHEET NUMBER
CHECKED	2
DATE	

GENERAL NOTES:

1. 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.
2. DURING PERIODS OF WORK WHERE A LANE CLOSURE IS NOT REQUIRED THE CONTRACTOR SHALL HAVE IN PLACE AS A MINIMUM REQUIREMENT W20-1, AS SHOWN ON TCP-1.
3. ANY NECESSARY SITE GRADING OF ROADWAY DITCHES AS DIRECTED BY THE PROJECT ENGINEER, TO BE ABSORBED IN OTHER PAY ITEMS.
4. THE COST OF CLEARING AND GRUBBING TO BE ABSORBED IN OTHER ITEMS.
5. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
6. 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.
7. VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. COST TO BE ABSORBED IN OTHER ITEMS.
8. ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
9. THE COST OF REMOVING THE PIPE RAIL ON SITE 6 TO BE ABSORBED IN OTHER ITEMS. ESTIMATED LENGTH IS 135'.

PLAN  
 ROADWAY DESIGN DIVISION C.A.D.D. SECTION  
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		<b>GENERAL NOTES</b>	
		PROJECT NO.: HSIP-2000-00(002)	
		COUNTY : ATTALA, BENTON & MARSHALL	
		FILENAME: <u>Generalnotes.DGN</u>	WORKING NUMBER GN-1
DATE	DESIGN TEAM	CHECKED	DATE
			SHEET NUMBER 3