FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	RSIP-0055-04(070)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

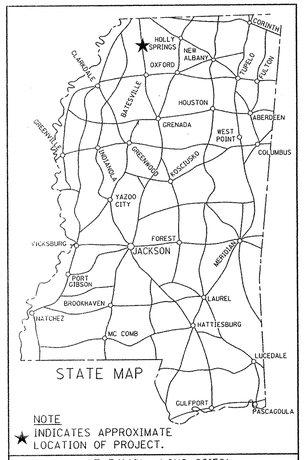
PLAN AND PROFILE OF PROPOSED INTERSTATE HIGHWAY FEDERAL AID PROJECT NO. RSIP-0055-04(070)

I-55 CLEARING & GUARDRAIL FROM
PANOLA/TATE COUNTY LINE TO LOVE
TATE & DESOTO COUNTIES

FMS NO. 105791 /301000 TATE CO.
/302000 DESOTO CO.

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 100 FT.
		1 IN. = 10 FT.
LAYOUT		1 IN. = 7200.00 FT.

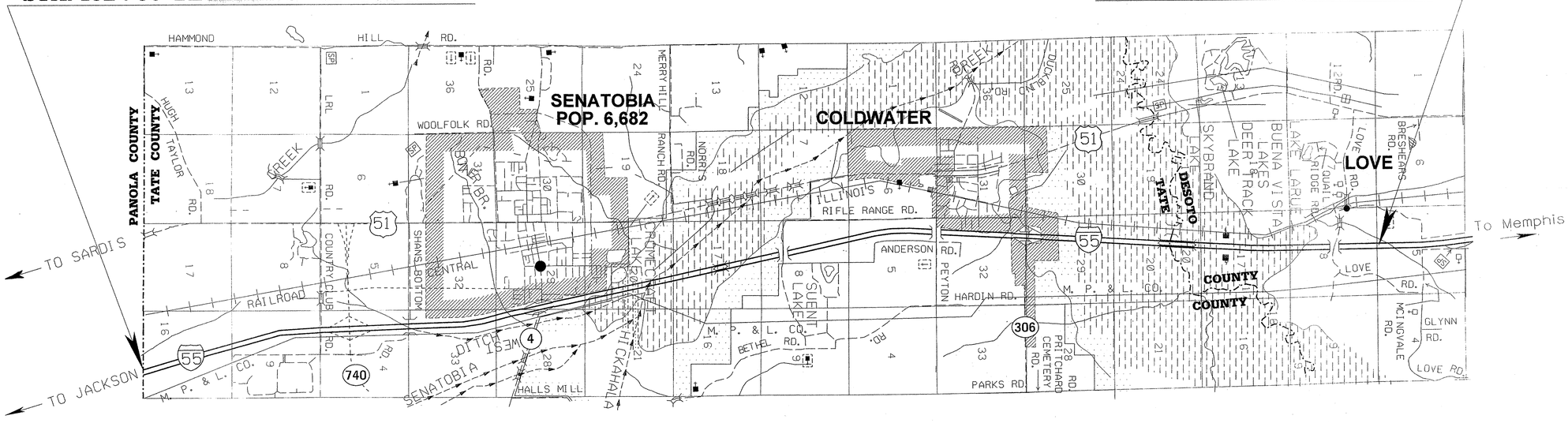


NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34°40' LONG. 89°58'
(APPROX. MIDDLE OF PROJECT)

STA. 102+90 BEGINNING OF PROJECT

STA. 861+00 END 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):	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	Y	Y
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, CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES +)(NTB 566)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 14)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: JCT DATE: 09/21/09

CONVENTIONAL SYMBOLS

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

EQUATIONS

STA. 249+96.00 – STA. 250+00.00 = –4.00 FT.
STA. 328+92.45 – STA. 329+00.00 = –7.55 FT.
STA. 378+00.00 – STA. 377+97.87 = +2.13 FT.
STA. 450+00.00 – STA. 449+99.20 = +0.80 FT.
STA. 612+00.00 – STA. 612+96.80 = –96.80 FT.
STA. 713+00.00 – STA. 712+95.80 = +4.20 FT.
TOTAL TATE COUNTY = –101.22 FT.

STA. 822+59.10 – STA. 822+94.40 = –35.30 FT.
STA. 846+39.00 – STA. 846+43.00 = –4.00 FT.
TOTAL DESOTO COUNTY = –39.30 FT.
GRAND TOTAL = –140.52 FT.

EXCEPTIONS

(OMITTED SECTION) (COMPUTED ℄ SURVEY)

STA. 269+74.00 – STA. 271+74.00 = 200.00 FT.
STA. 344+69.25 – STA. 346+91.58 = 222.33 FT.
STA. 412+35.00 – STA. 417+55.00 = 520.00 FT.
STA. 455+20.00 – STA. 461+20.00 = 600.00 FT.
STA. 645+06.39 – STA. 646+68.73 = 162.34 FT.
STA. 725+60.00 – STA. 732+75.00 = 715.00 FT.
TOTAL TATE COUNTY = 2419.67 FT. = 0.458 MI

STA. 732+75.00 – STA. 745+60.00 = 1285.00 FT.
TOTAL DESOTO COUNTY = 1285.00 FT. = 0.243 MI
GRAND TOTAL = 3704.67 FT. = 0.701 MI

LENGTH DATA

	TATE COUNTY		DESOTO COUNTY		TOTAL TATE & DESOTO COUNTIES	
LENGTH OF ROADWAY	60464.11 FT.	11.451 MI.	11500.70 FT.	2.178 MI.	71964.81 FT.	13.629 MI.
LENGTH OF BRIDGES	FT.	0.00 MI.	FT.	0.00 MI.	FT.	0.00 MI.
LENGTH OF PROJECT (NET)		11.451 MI.		2.178 MI.		13.629 MI.
LENGTH OF EXCEPTIONS	2419.67 FT.	0.458 MI.	1285.00 FT.	0.243 MI.	3704.67 FT.	0.701 MI.
LENGTH OF PROJECT (GROSS)		11.909 MI.		2.421 MI.		14.331 MI.

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APPROVED: 9/21/09
CHIEF ENGINEER DATE

9/21/09
EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

REVISIONS BY DATE

1 st Q. REV.

STATE	PROJECT NO.
MISS.	RSIP-0055-04(070)

DESCRIPTION OF SHEET	REVISION	WKG. NO.	SH. NO.
TITLE SHEETS (1)			
TITLE SHEET			1
DETAILED INDEX & GENERAL NOTES SHEET (3)			
DETAILED INDEX		DI-1	2
DETAILED INDEX		DI-2	3
GENERAL NOTES		GN-1	4
TYPICAL SECTION SHEETS (3)			
TYPICAL SECTION AT ROADSIDE HAZARDS		TS-4R-1	5
TYPICAL SECTION AT BRIDGES		TS-4R-2	6
TYPICAL SECTION CABLE RAIL		TS-1	7
QUANTITY SHEETS (50)			
SUMMARY OF QUANTITY		SQ-1	8
SUMMARY OF QUANTITY		SQ-2	9
ESTIMATED QUANTITIES FOR GUARDRAIL		EQGR-1	10
ESTIMATED QUANTITIES FOR GUARDRAIL		EQGR-2	11
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS		EQ-TCS-1	12
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-1	13
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-2	14
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-3	15
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-4	16
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-5	17
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-6	18
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-7	19
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-8	20
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-9	21
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-10	22
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-11	23
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-12	24
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-13	25
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-14	26
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-15	27
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-16	28
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-17	29
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-18	30
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-19	31
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-20	32
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-21	33
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-22	34
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-23	35
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-24	36
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-25	37
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-26	38
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-27	39
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-28	40
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-29	41
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-30	42
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-31	43
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-32	44
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-33	45
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-34	46
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-35	47
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-36	48
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-37	49
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-38	50
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-39	51
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-40	52
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-41	53
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-42	54
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-43	55
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-44	56
ESTIMATED QUANTITIES FOR ROADSIDE CLEARING & GRUBBING		EQ-45	57

DESCRIPTION OF SHEET	REVISION	WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS (12)			
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DETAIL OF CONSTRUCTION SIGNING		DCS-1	58
DETAIL OF CONSTRUCTION SIGNING		DCS-2	59
VEGETATION SCHEDULE		VS-1	60
GUARDRAIL: SHOULDER & SLOPE DETAILS		SD-4R-1	61
DETAIL OF GUARD POSTS		DGP-1	62
LOCATION OF R16-3 SIGNS		SSD-1	63
TRAFFIC CONTROL DETAILS DRUM PLACEMENT & SHOULDER CLOSURE		TCP-SC	64
EMERGENCY/OFFICIAL USE MEDIAN CROSS OVERS ROADSIDE HAZARD		EXO-1	65
TRAFFIC CONTROL PLANS FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE)(WORK DAY ONLY)		SDTCP-4	66
ROADSIDE HAZARD MEDIAN BARRIER: CONCRETE (CAST IN PLACE) TYPE 4 MODIFIED (42" HEIGHT)		MB-5	67
FENCE: BARBED WIRE OR WOVEN WIRE ON TEE POSTS		BB-1	68

M. FORD

PS & E PLANS-DATE 09/23/09		
FMS CON. # 105791/301000&302000		
REVISIONS		
DATE	SHEET NO.	BY
10/27/09	2, 3, & 8	MF
10/27/09	57.1	BS

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DATE	ADDED DESIGN SHEET. REVISION	BY
10/27/09		MF

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO.: RSIP-0055-04(070)
COUNTY : TATE & DESOTO

WORKING NUMBER DI-1

FILENAME: DETAILEDINDEX.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

SHEET NUMBER 2

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

1 st O. REV.

STATE	PROJECT NO.
MISS.	RSIP-0055-04(070)

DESCRIPTION OF SHEET	REVISION	WKG. NO.	SH. NO.
STANDARD DRAWING SHEETS (32)			
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TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)		TEC-1	142
DETAILS OF DITCH TREATMENT		DT-1	145
FENCE: WOVEN WIRE - TIMBER POSTS		WW-1	160
FENCE: WOVEN WIRE - CHAIN LINK - CLASS II		CL-2	163
FENCE: TYPICAL INSTALLATION AT BRIDGES		FI-1	164
FENCE: TYPICAL INSTALLATION AT DRAINAGE STRUCTURES		FI-2	165
FENCE: TYPICAL INSTALLATION AT DITCH CROSSINGS & FENCE ENDINGS		FI-3	166
FENCE: ALUMINUM OR GALVANIZED FERROUS METAL GATE		AG-1	167
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 "I" (WOOD POSTS)	(12-01-99)	GR-2F	190
GUARDRAIL: BRIDGE END SECTION TYPE "I" (STEEL POSTS)		GR-2G	191
GUARDRAIL: BRIDGE END SECTION - TYPE A & C		GR-2	184
GUARDRAIL: TYPE I CABLE ANCHORAGE (FOUNDATION TUBE)	(03-01-02)	GR-3	192
GUARDRAIL: TYPE I CABLE ANCHORAGE (CONCRETE FOOTING)	(03-01-02)	GR-3A	193
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	(12-01-99)	GR-4	194
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAYS	(12-01-99)	GR-4A	195
GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS	(03-01-02)	GR-4C	197
GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON 2-LANE, 2-WAY HIGHWAYS	(12-01-99)	GR-4D	198
GUARDRAIL: MISCELLANEOUS HARDWARE (ENGLISH)	(03-01-02)	GR-HW	202
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS		SN-8	233
TYPICAL INSTALLATION OF DELINEATORS		SN-8A	234
TYPICAL GUARDRAIL DELINEATION	(03-01-02)	SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE OF TWO-WAY TRAFFIC)		TCP-1	250
TRAFFIC CONTROL PLANS FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED HIGHWAYS)(MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)		TCP-5	254
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS		TCP-8	257
HIGHWAY SIGN & 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
DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMPS		TCP-12	261
TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSS-OVER (WORK DAY ONLY)		TCP-13	262
PAVED INLET APRON AND MEDIAN DITCH PLUG		PA-1	318

TOTAL SHEETS (101) △1

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

DATE	REVISED TOTAL SHEETS. REVISION	BY
10/27/05		MF

△1

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO.: RSIP-0055-04(070)
COUNTY : TATE & DESOTO

WORKING NUMBER DI-2

FILENAME: DETAILEDINDEX.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

SHEET NUMBER 3

STATE	PROJECT NO.
MISS.	RSIP-0055-04(070)

GENERAL NOTES:

1. THE LOCATION & SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE & MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE PROJECT ENGINEER.

2. 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.

3. 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 SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.

4. SOME WORK MAY BE REQUIRED OUTSIDE OF THE PROJECT LIMITS BEYOND THE B.O.P. AND/OR E.O.P.. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.

5. MAXIMUM LANE CLOSURE ALLOWED IS 3 MILES. A 3 MILE INTERVAL IS REQUIRED BETWEEN WORK ZONES IN ADJACENT LANES AND A 2 MILE INTERVAL IS REQUIRED BETWEEN WORK ZONES IN THE SAME LANE.

6. ANY VEGETATION OR SOD THAT IS DISTURBED SHALL BE RE–ESTABLISHED. THE COST OF THIS WORK SHALL BE INCLUDED IN OTHER ITEMS OF WORK, EXCEPT AS REQUIRED BY PLANS.

7. THE CONTRACTOR SHALL REESTABLISH ANY FENCE DAMAGED BY HIS OWN FORCES AT NO COST TO MDOT.

8. 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 SHALL 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 DUE TO THE CONTRACTORS OPERATIONS DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.

9. EMERGENCY CROSSOVER LOCATIONS ARE NOT PERMITTED FOR CONSTRUCTION TRAFFIC.

10. IN AREAS WHERE LIVESTOCK ARE PRESENT, CONTINUOUS MAINTENANCE OF EXISTING FENCE IS REQUIRED. TEMPORARY FENCE MAY BE REQUIRED IN AREAS WHERE LIVESTOCK ARE PRESENT. PAYMENT FOR THE TEMPORARY FENCE IS TO BE INCLUDED IN THE ITEMS PROVIDED FOR THE PERMANENT FENCE, AND IS NOT PAID FOR SEPARATELY.

11. SEE SHEET WORKING NO. SSD–1 FOR DETAILS ON SPEEDING FINES DOUBLED SIGNS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEMS PROVIDED.

12. EROSION CHECKS REQUIRED AS A TEMPORARY EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES ARE INSTALLED AND EFFECTIVE. THE ENGINEER WILL APPROVE THE ACTUAL LOCATION AND NUMBER OF BALES DURING THE CONSTRUCTION OF THE PROJECT. (SEE WK. NO. TEC–1 FOR DETAILS) (CONTRACTOR MAY SUBSTITUTE MDOT APPROVED PRODUCT LIST)

13. ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS & CONDITION OF CONCRETE BRIDGE ENDS TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION AND INSTALLATION OF GUARDRAIL.

14. WITHIN THE 10' FENCE CLEARING, ANY PORTION OF A TREE THE FALLS WITHIN THAT 10' LIMIT, THE ENTIRE TREE WILL BE REMOVED AT NO ADDITIONAL COST TO MDOT.
ALL OR ANY PORTION OF THE TREE LIMBS OVERHANGING THE 10' CLEARING LIMITS WILL BE REMOVED UP TO 12' FROM NATURAL GROUND.

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJECT NO.: RSIP-0055-04(070)
COUNTY: TATE & DESTO

WORKING NUMBER GN-1

FILENAME: GN.DGN
DESIGN TEAM _____ CHECKED _____ DATE 6/18/98

SHEET NUMBER 4