

1st O. REV.

STATE OF MISSISSIPPI

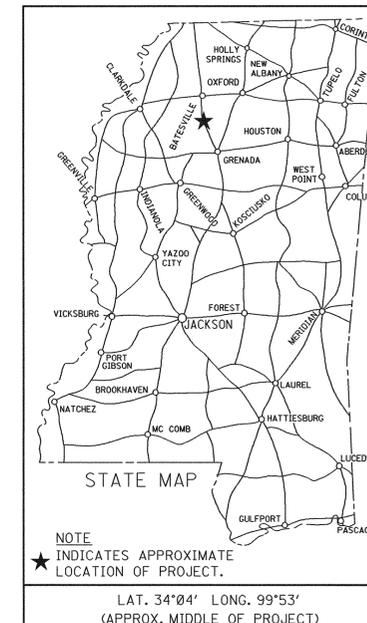
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED INTERSTATE HIGHWAY

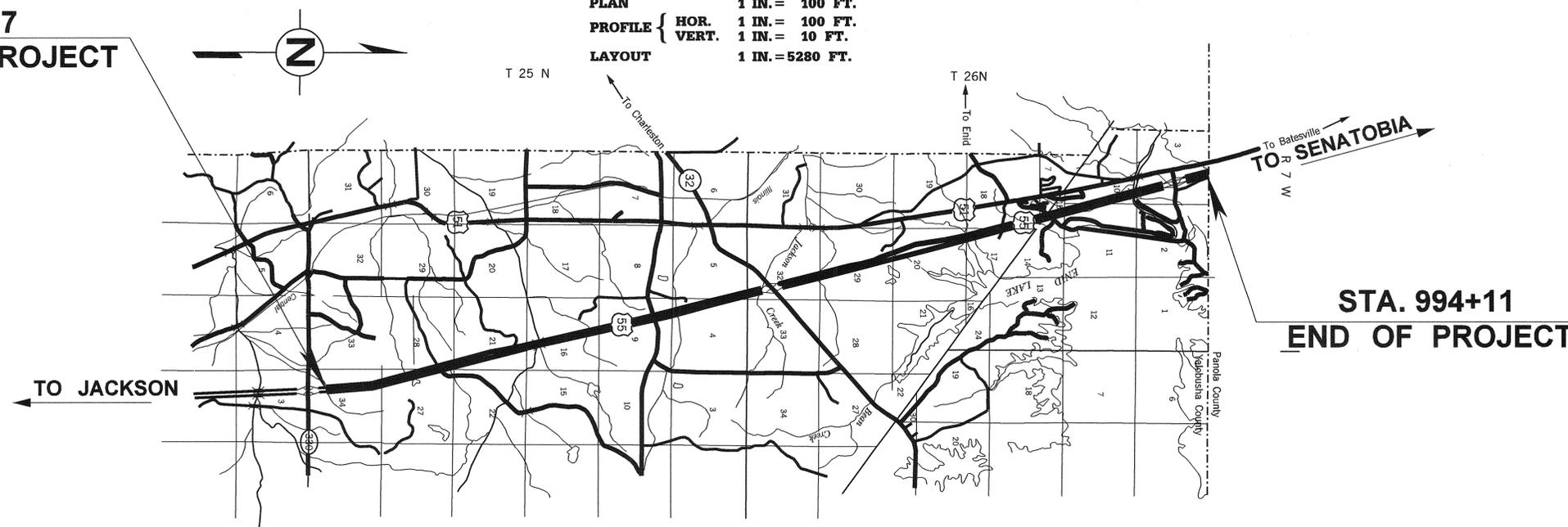
FEDERAL AID PROJECT NO. IM-0055-03(086)

MILLING AND OVERLAY ON I-55 FMS 105918 / 301000
 0.4 MILE NORTH OF MS. HWY. NO. 330 TO YALOBUSHA / PANOLA C/L
 YALOBUSHA COUNTY

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	IM-0055-03(086)	1



STA. 342+47.7
 BEGINNING OF PROJECT



SCALES
 PLAN 1 IN. = 100 FT.
 PROFILE { HOR. 1 IN. = 100 FT.
 VERT. 1 IN. = 10 FT.
 LAYOUT 1 IN. = 5280 FT.

DESIGN CONTROL
 MPH = V (SPEED DESIGN)
 ADT () = : ADT () =
 DHV = : D = % T = %

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

NATIONWIDE #14	WATERS	WETLANDS
NATIONWIDE (OTHER)*	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 S

Y REQUIRED CNOI SUBMITTED BY MDOT (DISTRIBUTED AREA = 5 ACRES) (INTB 586)
 S REQUIRED SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (INTB 14)
 N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: JCT DATE: 02/15/12

STA. 994+11
 END OF PROJECT

EQUATIONS

STA. 782+27.2 BK. = STA. 782+00.0 AHD. + 27.2 FT.
 STA. 798+35.1 BK. = STA. 797+35.1 AHD. + 100.0 FT.

TOTAL = + 127.2 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	64165.8 FT.	12.153 MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)		12.153 MI.
LENGTH OF EXCEPTIONS	1124.7 FT.	0.213 MI.
LENGTH OF PROJECT (GROSS)		12.366 MI.

EXCEPTIONS

STA. 421+10.37 TO 422+72.82	162.45 FT.
STA. 492+65.0 TO STA. 497+05.00	440.00 FT.
STA. 667+43.43 TO STA. 669+05.68	162.25 FT.
STA. 937+09.00 TO STA. 940+69.00	360.00 FT.
TOTALS	1124.70 FT. = 0.213 MI.

EAL BY	APPROVED:
	CHIEF ENGINEER _____ DATE _____
	EXECUTIVE DIRECTOR _____ DATE _____
	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
4/012 CHANGED STORMWATER PERMIT REVISIONS	APPROVED:
	DIVISION ADMINISTRATOR _____ DATE _____
	FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION

1st O. REV.

STATE	PROJECT NO.
MISS.	IM-0055-03(086)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	SPECIAL DESIGN SHEETS - ROADWAY ITEMS - (CONTINUED)		
DETAILED INDEX & GENERAL NOTES (3)			TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH	SDTCP-4	32
DETAILED INDEX	DI-1	2	BARRIER DETAIL @ I-55 & COUNTY RD. 211	BD-1	33
DETAILED INDEX	DI-2	3	ROADSIDE HAZARD MEDIAN BARRIER: CONCRETE	MB-5	34
GENERAL NOTES	GN-1	4	TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATION	ECD-1	35
			DETAILS OF SEDIMENT BARRIER APPLICATIONS	ECD-2	36
			DETAILS OF SILT FENCE INSTALLATION	ECD-3	37
			DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS & DETAILS	ECD-4	38
TYPICAL SECTION SHEETS (5)			TEMPORARY EROSION, SEDIMENT & WATER POLLUTION CONTROL MEASURES,		
TYPICAL SECTION - MAINLINE (STA. 342+47.7 TO STA. 994+11)	TS-1	5	SILT FENCE AND HAY BALE DITCH CHECKS	ECD-5	39
TYPICAL SECTION - (HWY.32 & NORTH ENID DAM INTERCHANGE RAMPS)	TS-2	6	DETAILS OF EROSION CONTROL WATTLE DITCH CHECKS	ECD-6	40
TYPICAL SECTION (RAMP EXTENSIONS OF HWY.32 & ENID DAM INTERCHANGES)	TS-3	7	DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECKS	ECD-7	41
TYPICAL SECTION 4-R INTERSTATE @ ROADSIDE HAZARDS	TS-4R-1	8	INLET PROTECTION TYPICAL APPLICATIONS & DETAILS	ECD-10	42
TYPICAL SECTION 4-R INTERSTATE @ BRIDGES	TS-4R-2	9	INLET PROTECTION DETAIL OF WATTLES	ECD-12	43
			INLET PROTECTION DETAILS OF SAND BAGS	ECD-14	44
			DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-20	45
QUANTITY SHEETS (7)			PRELIMINARY EROSION CONTROL PLAN - NE RAMP EXT. @ HWY. 32 INT.	ECP-3	46
SUMMARY OF QUANTITIES (ROADWAY)	SQ-1	10	PRELIMINARY EROSION CONTROL PLAN - NW RAMP EXT. @ HWY. 32 INT.	ECP-4	47
SUMMARY OF QUANTITIES (ROADWAY)	SQ-2	11	PRELIMINARY EROSION CONTROL PLAN - SE RAMP EXT. @ HWY. 32 INT.	ECP-5	48
SUMMARY OF QUANTITIES (ROADWAY)	SQ-3	12	PRELIMINARY EROSION CONTROL PLAN - SW RAMP EXT. @ HWY. 32 INT.	ECP-6	49
ESTIMATED QUANTITIES (GUARDRAIL)	EQ-1	13	PRELIMINARY EROSION CONTROL PLAN - NE RAMP EXT. @ ENID DAM INT.	ECP-7	50
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	EQ-2	14	PRELIMINARY EROSION CONTROL PLAN - NW RAMP EXT. @ ENID DAM INT.	ECP-8	51
ESTIMATED QUANTITIES FOR SUPERELEVATION CORRECTION	EQ-3	15	PRELIMINARY EROSION CONTROL PLAN - SE RAMP EXT. @ ENID DAM INT.	ECP-9	52
ESTIMATED QUANTITIES FOR INTERSTATE DIRECTIONAL SIGNS	EQ-4	16	PRELIMINARY EROSION CONTROL PLAN - SW RAMP EXT. @ ENID DAM INT.	ECP-10	53
			DETAILS OF TYPICAL DITCH TREATMENTS	DT-1	54
PLAN PROFILE SHEETS (8)			PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS (PARALLEL & TAPER)	SDPM-3	55
NE RAMP EXT. @ HWY. 32 INT.	WK-3	17	PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS (PARALLEL & TAPER)	SDPM-4	56
NW RAMP EXT. @ HWY. 32 INT.	WK-4	18	TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)	TEC-1	57
SE RAMP EXT. @ HWY. 32 INT.	WK-5	19	42" BRIDGE END PAVEMENT RAIL	BEPR-1A	58
SW RAMP EXT. @ HWY. 32 INT.	WK-6	20	GUARD RAIL: RUB RAIL HARDWARE SHEET	GR-RR	59
NE RAMP EXT. @ ENID DAM INT.	WK-7	21	SUPERELEVATION RUNOFF CASE I ROTATION ABOUT CENTERLINE	SDRO-1	60
NW RAMP EXT. @ ENID DAM INT.	WK-8	22	SUPERELEVATION RUNOFF CASE II ROTATION ABOUT EDGE OF TRAVEL WAY	SDRO-2	61
SE RAMP EXT. @ ENID DAM INT.	WK-9	23	SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE (2% NORMAL SUBGRADE)	SDSE-2A	62
SW RAMP EXT. @ ENID DAM INT.	WK-10	24	SUPERELEVATION CASE II ROTATION ABOUT EDGE OF TRAVEL WAY (2% NORMAL SUBGRADE)	SDSE-2C	63
			FENCE: BARBED WIRE OR WOVEN WIRE ON TEE POST	BB-1	64
			DETAIL OF GUARD POST	DGP-1	65
SPECIAL DESIGN SHEETS - ROADWAY ITEMS - (45)			BRIDGE APPROACH DETAIL	BAD-1	66
VEGETATION SCHEDULE	VS-1	25	BRIDGE APPROACH MILLING DETAIL	BAD-2	67
GUARDRAIL: SHOULDER & SLOPE DETAILS	SD-4R-1	26	DETAIL OF BRIDGE CONNECTOR BRIDGE NO.232.5	BGRC-4	68
DETAILS OF RUMBLE STRIPS (GROUND-IN)	RS-1	27	DIRECTIONAL SIGN DETAIL	DSD-1	69
DETAIL OF CONSTRUCTION SIGNING	DCS-1	28			
TRAFFIC CONTROL DETAILS DRUM PLACEMENT & SHOULDER CLOSURE	TCP-SC	29			
LOCATION OF R16-3 SIGNS	SSD-1	30			
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH	SDTCP-3	31			

E.LONG		
PS & E PLANS-DATE 03/29/12		
FMS CON.# - FMS 105918/301000		
REVISIONS		
DATE	SHEET NO.	BY
4/10/12	1,2,4,5,10,11,12,65	EAL

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO.: IM-0055-03(086)	WORKING NUMBER
COUNTY: YALOBUSHA	DI-1
FILENAME: detindex.dgn	SHEET NUMBER
DESIGN TEAM	2

STATE	PROJECT NO.
MISS.	IM-0055-03(086)
WKG. NO.	SH. NO.

DESCRIPTION OF SHEET

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WKG. NO. SH. NO.

SPECIAL DESIGN SHEETS - BOX CULVERT ITEMS - (6)

BASIC CULVERT DRAWING, SINGLE CELL, HEIGHT 5 FT., SPAN 5-12 FT.	SD-IBS-5	70
IBS CULVERTS MODIFIED FOR HIGH COVER WINGS WITH 3:1 SLOPE	SD-IBSM-3WA	71
BOX CULVERT DRAWING, 30° SKEW DETAILS WINGS WITH 3:1 SLOPE SINGLE OR DOUBLE CELL	ISK-30-3W	72
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL	SD-ISW-3	73
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING SINGLE CELL HEIGHTS 4-12 FT., SPANS 4-24 FT.	SD-ISW-3A	74
BOX CULVERT DRAWING, IBS CULVERTS MODIFIED FOR HIGH COVER WINGS WITH 3:1 SLOPE	SD-IBSM-3WA	75

STANDARD DRAWINGS - BOX CULVERT SHEETS (11)

COLLAR DETAILS FOR BOX STRUCTURES (SINGLE, DOUBLE, TRIPLE & QUADRUPL)	(7-17-98)	ICJ-1	367
SKewed COLLAR DETAILS FOR BOX STRUCTURES(SINGLE, DOUBLE, TRIPLE & QUADRUPL)	(12-14-00)	ICJS-1	368
BOX CULVERT DRAWING, SINGLE CELL, HEIGHT 10 FT., SPANS 10-22 FT.		IBS-10-2W	372.1
BOX CULVERT DRAWING, SINGLE CELL, HEIGHT 10 FT., SPANS 10-22 FT.		IBS-10-2W	372.2
WINGS WITH 3:1 SLOPE FOR BOX CULVERT DRAWING SINGLE CELL, HEIGHT 6-12 FT., SPANS 6-24 FT.		IWS-3	374
WINGS WITH 3:1 SLOPE FOR BOX CULVERT DRAWING SINGLE CELL, HEIGHT 6-12 FT., SPANS 6-24 FT.		IWS-3	375.1
WINGS WITH 3:1 SLOPE FOR BOX CULVERT DRAWING SINGLE CELL, HEIGHT 6-12 FT., SPANS 6-24 FT. (2-17-99)		IWS-3	375.2
BOX CULVERT DRAWING IBS CULVERTS MODIFIED FOR HIGH COVER WINGS WITH 3:1 SLOPE		IBSM-3W	380
BOX CULVERT DRAWING IBS CULVERTS MODIFIED FOR HIGH COVER WINGS WITH 3:1 SLOPE		IBSM-3W	381
BOX CULVERT DRAWING, 30° SKEW DETAILS WINGS WITH 3:1 SLOPE SINGLE OR DOUBLE CELL		ISK-30-3W	400.1
BOX CULVERT DRAWING, 30° SKEW DETAILS WINGS WITH 3:1 SLOPE SINGLE OR DOUBLE CELL		ISK-30-3W	400.2

STANDARD DRAWINGS - ROADWAY SHEETS (29)

PAVEMENT MARKING DETAILS FOR 2 & 4 LANE DIVIDED ROADWAYS	(12-01-99)	PM-1	120
EROSION CONTROL		EC-1	140
GUARD RAIL "W" BEAM (WOOD POSTS)	(3-01-02)	GR-1	180
GUARD RAIL "W" BEAM (METAL POSTS)	(3-01-02)	GR-1B	182
GUARD RAIL: MODIFIED THRIE BEAM (STEEL POSTS)	(3-01-02)	GR-1C	183
GUARD RAIL: BRIDGE END SECTION - TYPE A & C		GR-2	184
GUARD RAIL: BRIDGE END SECTION - TYPE I (WOOD POSTS)		GR-2F	187
GUARD RAIL: BRIDGE END SECTION - TYPE I (STEEL POSTS)		GR-2G	188
GUARD RAIL: TYPE 1 CABLE ANCHORAGE (FOUNDATION TUBE)		GR-3	192
GUARD RAIL: TYPE 1 CABLE ANCHORAGE (CONCRETE FOOTING)		GR-3A	193
GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	(12-01-99)	GR-4	194
GUARD RAIL: TYP. INSTALL. AT BRIDGE APPROACHES " FOR 2-LANE, 2-WAY HIGHWAYS	(12-01-99)	GR-4A	195
GUARD RAIL: TYP. INSTALL. FOR ROADSIDE HAZARDS ON 2-LANE, 2-WAY HIGHWAYS	(12-01-99)	GR-4D	198
GUARD RAIL: MISCELLANEOUS HARDWARE	(3-01-02)	GR-HW	202
MEDIAN BARRIER: CONCRETE (PRECAST)	(3-01-02)	MB-2A	205
TYPICAL INSTALLATION OF DELINEATORS		SN-8A	234
TYPICAL GUARDRAIL DELINEATION	(3-01-02)	SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE OF TWO-WAY TRAFFIC)		TCP-1	250
TRAFFIC CONTROL PLAN 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
HIGHWAY SIGN & BARRICADE DETAILS FOR CONSTRUCTION PROJECTS		TCP-10	259
TRAFFIC CONTROL PLAN MOBILE OPERATION 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
TRAFFIC CONTROL PLANS UNEVEN PAVEMENT		TCP-14	263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	(12-01-99)	TCP-15	264
PIPE CULVERT INSTALLATION		PI-1	300
PIPE COLLAR CONCRETE		PC-1	301
TYPE I MEDIAN INLET (24" PIPE & UNDER)	(3-01-02)	MI-1	306
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328

TOTAL SHEETS - (115)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILED INDEX			
PROJECT NO.: IM-0055-03(086)		WORKING NUMBER	
COUNTY: YALOBUSHA		DI-2	
DATE	FILENAME: detindex.dgn	SHEET NUMBER	
DESIGN TEAM	CHECKED DATE 6/18/98	3	

COUNTY: YALOBUSHA

PROJECT NO.: IM-0055-03(086) FMS#105918/301000

DESIGN TEAM:

FILENAME:

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 2004 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. TEMPORARY STRIPE MUST BE TAPE WHEN PLACED ON CONCRETE.
6. MAXIMUM LANE CLOSURE ALLOWED IS 3 MILES. A 3 MILE INTERVAL IS REQUIRED BETWEEN WORK ZONES IN ADJACENT LANES IN THE SAME DIRECTION OF TRAVEL AND A 2 MILE INTERVAL IS REQUIRED BETWEEN WORK ZONES IN THE SAME LANE IN THE SAME DIRECTION OF TRAVEL.
7. WHERE MILLING OF THE ROADWAY LANES IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE. THE COST OF THIS WORK SHALL BE INCLUDED IN OTHER ITEMS OF WORK.
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. THE USE OF EMERGENCY CROSSOVERS IS NOT ALLOWED FOR CONSTRUCTION TRAFFIC, WITH THE EXCEPTION OF CROSSOVERS AT STA. 517+07 AND STA. 825+70. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO THESE CROSSOVERS DURING CONSTRUCTION AS AN ABSORBED ITEM.
10. SEE SHEET WORKING NO. SSD-1 FOR DETAILS ON SPEEDING FINES DOUBLED SIGNS.
11. ALL VERTICAL BRIDGE CLEARANCES MUST BE CONFIRMED AND MAINTAINED.
12. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING BRACING, SHORING, OR ANY GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE FROM OCCURRING DURING 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.
13. EXCEPT AS NOTED ELSEWHERE IN THE PLANS, ALL EXISTING LOGO SIGNS ARE TO REMAIN IN PLACE. LOGO SIGNS WHICH CONFLICT WITH PROPOSED CONSTRUCTION SIGNING WILL BE RELOCATED BY MS LOGOS, INC.
14. FULL COLLARS ARE TO BE USED AT ALL BOX CULVERT EXTENSIONS AND AT ALL BOX CULVERT CONSTRUCTION JOINTS. (SEE WK. NO. ICJ-1 FOR DETAILS)

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
		PROJECT NO.: IM-0055-03(086)	WORKING NUMBER
		COUNTY: YALOBUSHA	GN-1
4/10/12	REVISION	FILENAME: generalnotes.dgn	SHEET NUMBER
	DATE	DESIGN TEAM _____ CHECKED _____ DATE 6/18/98	4