

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR-2791-00(008)	1

STATE OF MISSISSIPPI

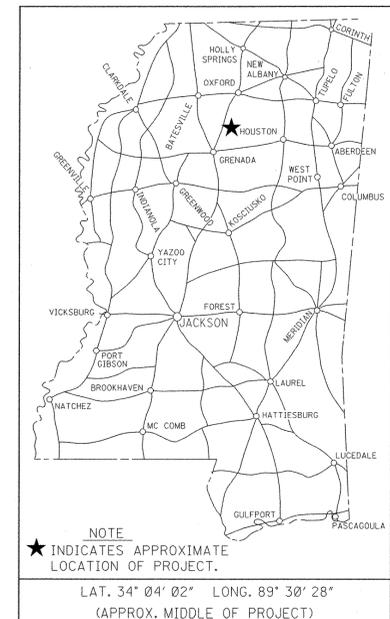
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-2791-00(008)

HWY 32 FROM WATER VALLEY TO HWY 330 (ELLARD)
YALOBUSHA & CALHOUN COUNTIES

102527/301 & 102527/302

① 12-10-08



BRIDGE STRUCTURES REQ'D.

SITE 2
STA. 34+88.88 - STA. 37+11.39
2@40'-60'-2@40' SPANS
SKEW 50° RT. FWD.
BR. NO. 87.4

SITE 6
STA. 181+64.88 - STA. 183+37.13
45'-80'-45' SPANS
BR. NO. 100.2

SITE 7
STA. 401+94.21 - STA. 403+15.79
3@40' SPANS
BR. NO. 104.6

BOX BRIDGES REQ'D.

SITE 1
STA. 84+30
96'-DBL 10'x6' 30° SKEW RT. FWD.

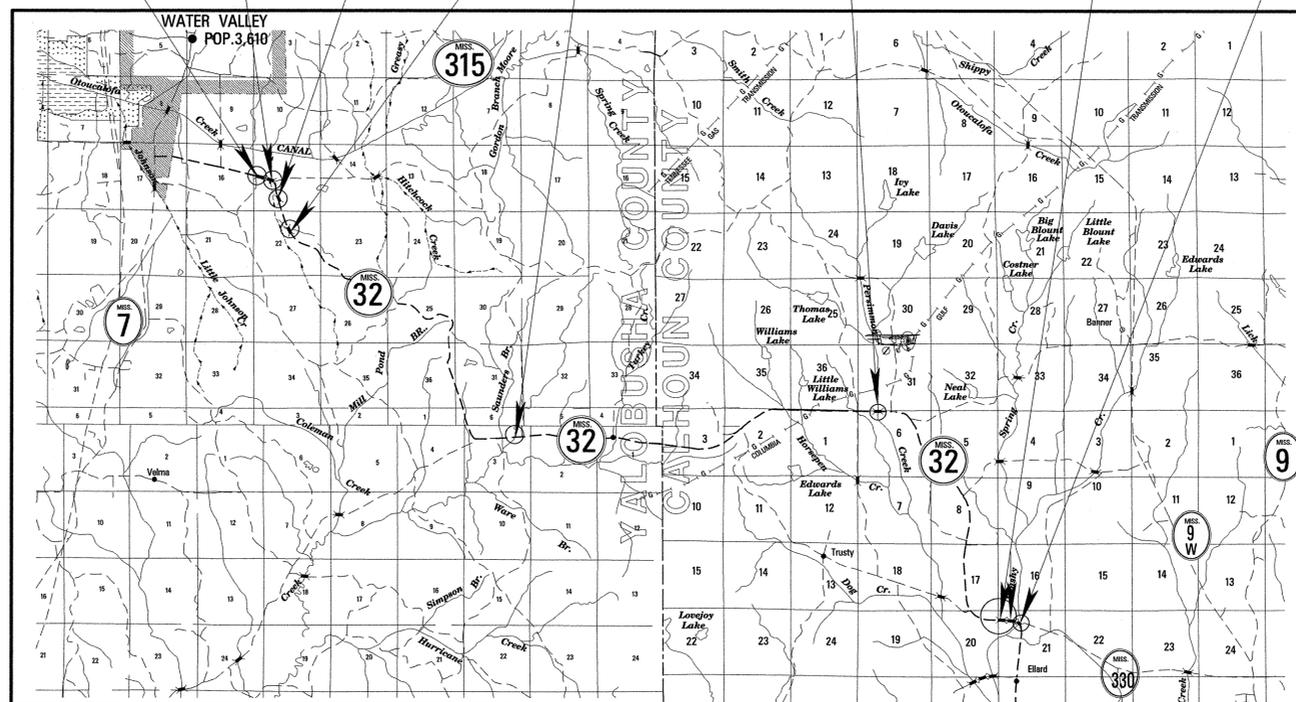
SITE 5
STA. 423+98.66
103.52'-DBL 20'x12'

SITE 7
STA. 395+82
83'-20'x12'
10° SKEW RT. FWD.

SCALES

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

SITE 1 BR# 87.2 SITE 2 BR# 87.4 SITE 3 BR# 87.7 SITE 4 BR# 88.2 SITE 5 BR# 93.6 SITE 6 BR# 100.2 SITE 7 BR# 104.5 & 104.6 SITE 8 BR# 105.6



DESIGN CONTROL

55 MPH = V (SPEED DESIGN)

ADT (2008) = 670 : ADT (2018) = 900
DHV = 100 : D = 55 % T = 12 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	Y	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 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: CKP DATE: 12/8/08

TITLE ROADWAY DESIGN DIVISION CAD.DWG. SECTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION



CONVENTIONAL SYMBOLS

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

EQUATIONS

STA. 89 + 30.00 BK = STA. 29 + 30.00 AH = +6000.00'
STA. 49 + 40.481 BK = STA. 110 + 58.563 AH = -6118.082'

EXCEPTIONS

NONE

LENGTH DATA

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

APPROVED:	<i>Mark McKeith</i>	12/9/08
CHIEF ENGINEER		DATE
APPROVED:	<i>Raymond R. Brown</i>	12/8/08
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TITLE SHEET (1)		1
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SITES 1-3 - LOCAL ROAD @ STA. 39+33.651	3B	28
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SITE 4 - STA. 136+50 TO STA. 139+50	5	30
SITE 5 - STA. 413+00 TO STA. 433+00	6	31
SITE 5 - DETOUR	6A	32
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PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY BR-2791-00(008) DI-1.DGN 1/15/2009 8:31 AM

McCOLLUM		
PS & E PLANS-DATE: 12/10/2008		
FMS CON. # 102527/301000 & 302000		
REVISIONS		
DATE	SHEET NO.	BY
1/15/2009	2,3,5,12,13,14,15	
	19,23,24,38.1	DWM

3	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. BR-2791-00(008) COUNTY : YALOBUSHA & CALHOUN	
WORKING NUMBER DI-1	SHEET NUMBER 2
FILENAME: di.dgn	DATE: 2/16/07
DESIGN TEAM: McCOLLUM	CHECKED: DATE: 2/16/07

DESCRIPTION OF SHEET

REVISION DATE WKG. NO. SH. NO.

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

SPECIAL DESIGN SHEETS (CONTINUED)

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WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHTS 4 - 12 T. - SPANS 4 - 24 FT.	SDIWS-3	92
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BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 8 FT. - SPANS 8 - 20 FT.	IBS-8-2W	371.1
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BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 12 FT. - SPANS 12 - 24 FT.	IBS-12-2W	373.1
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WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHTS 6 - 12 FT. - SPANS 6 - 24 FT.	IWS-3	375.1
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHTS 6 - 12 FT. - SPANS 6 - 24 FT.	IWS-3	375.2
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BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHT 6 FT. - SPANS 12 - 32 FT.	IBD-6-2W	383.1
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BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHT 12 FT. - SPANS 24 - 40 FT.	IBD-12-2W	386.2
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WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHTS 6 - 12 FT. - SPANS 12 - 40 FT.	IWD-3	388.1
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - DOUBLE CELL - HEIGHTS 6 - 12 FT. - SPANS 12 - 40 FT.	IWD-3	388.2
BOX CULVERT DRAWING - 15 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS	ISK-15-3W	397.1
BOX CULVERT DRAWING - 15 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS	ISK-15-3W	397.2
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BOX CULVERT DRAWING - 30 DEG. SKEW DETAILS - WINGS WITH 3:1 SLOPE - SINGLE & DOUBLE CELL CULVERTS	ISK-30-3W	400.2

BRIDGE DETAIL SHEETS (52)

CROSS SECTIONS (45)

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LOCAL ROAD SITE 1-3	913-915
MAINLINE - SITE 4	916-917
MAINLINE - SITE 5	918-923
LOCAL ROAD SITE 5	924
MAINLINE - SITE 6	925-930
MAINLINE - SITE 7	931-942
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TOTAL SHEETS

466-517

249

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. BR-2791-00(008)	
COUNTY : YALOBUSHA & CALHOUN	
WORKING NUMBER	DI-2
FILENAME: di.dgn	SHEET NUMBER
DESIGN TEAM: McCOLLUM	CHECKED: DATE: 2/16/07
	3

1/15/2009 8:27 AM DI.DGN

GENERAL NOTES

1. LIST OF PUBLIC UTILITIES
 YALOBUSHA COUNTY
 A. AT&T - TELEPHONE
 B. JEFF DAVIS WATER ASSOCIATION - WATER
 CALHOUN COUNTY
 A. MOUNT COMFORT WATER LINES
 B. PONTOTOC ELECTRIC POWER ASSOCIATION
2. THE LOCATION AND SPACING OF SIGNS SHOWN ON THE TRAFFIC CONTROL PLANS ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
3. A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT THE LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.
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 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 DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
- △ 5. EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF 4 BALES PER EVERY 25 TO 100 L.F. OF DITCH, 8 BALES PER INLET AND 4 BALES AT EACH PIPE OUTLET. THIS IS REQUIRED AS A TEMPORARY EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES ARE INSTALLED. THE ENGINEER WILL DETERMINE THE ACTUAL LOCATION AND NUMBER OF BALES DURING THE CONSTRUCTION OF THE PROJECT. (SEE WK. NO. TEC-1 FOR DETAILS)
6. 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.
7. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
8. WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURING DURING 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 STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
9. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
10. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
11. REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS BID.
12. 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.
13. THIS PLAN DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF INSTALLING TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE M.U.T.C.D. OTHER SIGNS AND TRAFFIC CONTROL DEVICES MAY BE REQUIRED DURING THE VARIOUS PHASES OF CONSTRUCTION. ANY MODIFICATIONS TO THIS PLAN SHALL BE PREPARED BY A LICENSED ENGINEER, AND SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION.
14. EXISTING GUIDE, REGULATORY, AND WARNING SIGNS THAT CONFLICT WITH CONSTRUCTION TRAFFIC CONTROL SIGNAGE SHALL BE REMOVED DURING CONSTRUCTION AND RE-INSTALLED AFTER CONSTRUCTION, OR RELOCATED DURING CONSTRUCTION AS REQUIRED BY THE DRAWINGS OR AS DIRECTED BY THE ENGINEER. THE COST OF SAID SIGNAGE ADJUSTMENTS IS TO BE INCLUDED IN THE PRICE BID FOR ITEM 618-A MAINTENANCE OF TRAFFIC.
15. ACCESS TO ALL PRIVATE DRIVES SHALL REMAIN OPEN AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE ENGINEER. WHEN DRIVEWAYS ARE REQUIRED TO MAINTAIN CONTINUOUS SERVICE, TEMPORARY DRIVEWAYS SHALL BE CONSTRUCTED WITH GRANULAR MATERIAL (CRUSHED STONE) AS DIRECTED BY THE ENGINEER. THE COST OF TEMPORARY DRIVEWAY REMOVAL WILL NOT BE MEASURED AND PAID FOR SEPARATELY BUT WILL BE CONSIDERED SUBSIDIARY TO THE CONTRACT.

17157200826AW dt:dgn

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
GENERAL NOTES			
PROJECT NO. BR-2791-00(008)		WORKING NUMBER	
COUNTY : YALOBUSHA & CALHOUN		GN-1	
FILENAME: di.dgn	SHEET NUMBER		
DESIGN TEAM McCOLLUM	CHECKED	DATE 2/16/07	5