

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR-0008-01(076)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

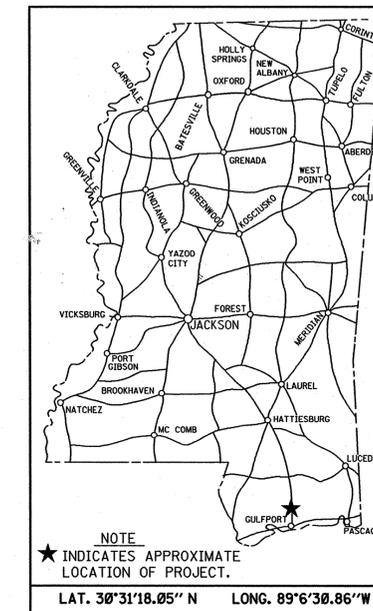
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-0008-01(076)

BRIDGE REPLACEMENT OVER
LITTLE BILOXI RIVER
HARRISON COUNTY

102111/302000

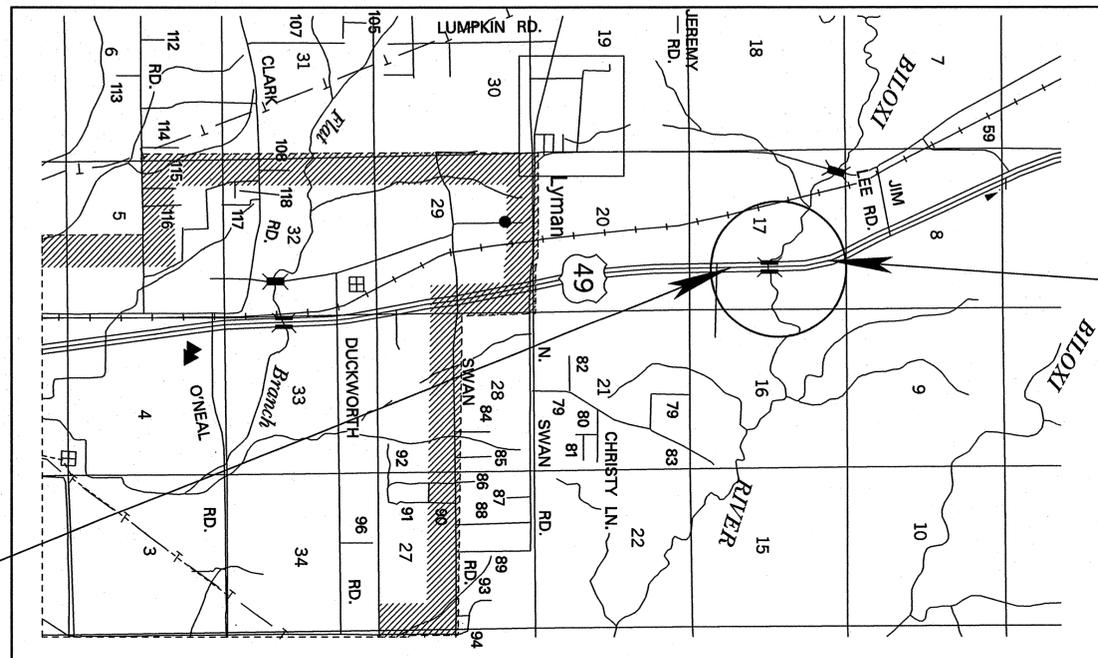
SCALES

PLAN	1 IN. = 100 FT.
PROFILE	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 3000 FT.



BRIDGE STRUCTURES REQ'D.

STA. 334+18.21 TO STA. 339+99
BR. NOS. 11.1 A & B
40'-80'-100'-80'-7@40'
LENGTH ALONG C.L. = 580.00 FT



EOP STA. 354+00

BOP STA. 326+00

GPS CONTROL NOTES

COORDINATES DERIVED FROM GPS SURVEY TIED TO:

CONTROL STATION	NAD' 83(93) MS NORTH	EAST ZONE EAST
GULFPORT RESET	313275.444	897143.602
SAUCIER RM 2	409277.295	889146.964
BRIDGE RESET	331154.060	981632.942

VERTICAL DATUM

ALL AZIMUTHS AND DISTANCES ARE NAD' 83(93) MS EAST ZONE GRID VALUES

CONVERSION VALUES	BOP	EOP
GROUND TO GRID FACTOR	0.999959428	0.999960799
GRID TO GROUND CORRECTION	1.000040574	1.000039200
GRID TO GEODETIC AZIMUTH	-0°08'11.8	-0°08'23.8

DESIGN CONTROL

65 MPH = V (SPEED DESIGN)

ADT (2008) = 40000 : ADT (2028) = 59000
DHV = 6500 : D = 55 % T = 13 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	<input type="checkbox"/>	<input type="checkbox"/>
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/>	<input checked="" 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 MDOT (DISTRIBUTED AREA = 5 ACRES + INTB 6484)

S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) (INTB 6483)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: JCT DATE: 06/29/2011

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	2220 FT.	0.42 MI.
LENGTH OF BRIDGES	580 FT.	0.11 MI.
LENGTH OF PROJECT (NET)		0.53 MI.
LENGTH OF EXCEPTIONS	0 FT.	
LENGTH OF PROJECT (GROSS)		0.53 MI.

TITLE DIVISION
ROADWAY DESIGN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

7/28/2011 11:57 AM TITLE49.DGN



APPROVED BY:	<i>Mark McArthur</i>	9/3/11
CHIEF ENGINEER		DATE
APPROVED BY:	<i>Mark McArthur</i>	9/3/11
INTERIM EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

DESCRIPTION OF SHEET

WKG. NO. SH. NO.

TITLE SHEET (1)			1
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DETAILED INDEX	DI-2		3
DETAILED INDEX (BRIDGE)	DI-3		3.1
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TYPICAL SECTION - CONSTRUCTION & REMOVAL OF DETOUR ROAD	TS-3		7
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DESCRIPTION OF SHEET

WKG. NO. SH. NO.

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BROWN		
PS & E PLANS-DATE 8/16/2011		
FMS CON. # 102111/302000		
REVISIONS		
DATE	SHEET NO.	BY
10-05-11	10.1,14.1	JB
3-22-12	10.1, 15-18, 53-56.2	DMB
8-22-12	2,4-10,53-56	DMB

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
PROJECT NO. BR-0008-01(076) COUNTY : HARRISON	
WORKING NUMBER DI-1	SHEET NUMBER 2
FILENAME: DI-1.DGN	DESIGN TEAM BROWN CHECKED DATE

8/23/2012 9:44 AM DI-1.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESCRIPTION OF SHEETS
SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS

WORKING NUMBER SHEET NUMBER

CONTINUED

WORKING NUMBER SHEET NUMBER

BRIDGE AT STA. 334+18.21 LT. LN.
BRIDGE AT STA. 334+18.21 RT. LN.

DETOUR BRIDGE

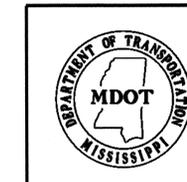
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BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY
10/05/11	466, 489	MAW
01/06/12	466	MAW
07/03/12	488	MAW



MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX (BRIDGE)	
PROJECT 102111/302000 BR-0008-01(076)	
HARRISON COUNTY	
DESIGNED: MAW	DATE: 02/17/11
CHECKED: RKA	ISSUED: MKC
TRACED: CAD	DATE: 02/17/11
WORKING NUMBER	DI-1
SHEET NUMBER	3.1

GENERAL NOTES

1. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
2. 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.
3. 25 % SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
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. 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. 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.
7. 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.
8. 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.
9. VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. COST TO BE ABSORBED IN OTHER ITEMS.
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. 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 AT THE PRECONSTRUCTION CONFERENCE OR PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION
12. 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.

GENERAL NOTES

13. ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART IV OF THE MUTCD (LATEST EDITION).
14. THE CLEARING LIMITS ADJACENT TO THE STREAM(S) AT STATION(S) 335+32 TO STA. 339+04 NORTHBOUND DETOUR & 334+19 TO 339+99 MAINLINE BRIDGES WILL BE LIMITED TO NO FURTHER THAN TEN (10) FEET OUTSIDE THE CONSTRUCTION LIMITS WHEN ANY CLOSER TO THE STREAM THAN FIFTY(50) FEET FROM THE TOP OF THE BANKS.
15. ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
16. ALL PIPE JOINTS ARE TO BE WRAPPED IN TYPE V GEOTEXTILE FABRIC, 24" WIDTH. ALL PICKUP HOLES ARE TO BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC TO SATISFACTION OF THE ENGINEER (NOT A SEPARATE PAY ITEM).
17. ALL EXISTING CULVERT PIPES OR OTHER OBSTRUCTIONS THAT CONFLICT WITH REQUIRED CONSTRUCTION SHALL BE REMOVED AT THE CONSTRUCTOR'S EXPENSE AS AN ABSORBED ITEM. EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED ON EACH END WITH CONCRETE. (ABSORBED ITEM)
18. FOR LIST OF PUBLIC UTILITIES, SEE WORKING NO. 3.
19. ALL POST LENGTHS FOR SIGNS SHALL BE VERIFIED IN THE FIELD PRIOR TO FABRICATION.
- △ 20. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- △ 21. TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS AND STRAIGHTENESS.
- △ 22. 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.
- △ 23. ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- △ 24. ERECTION DATES ARE TO BE LEGIBLY WRITTEN ON THE BACK OF ALL SIGNS WITH A SANFORD MEANSTREAK WATERPROOF FORMULA PERMANENT MARKING STICK.

8/23/2012 9:46 AM GN-1.DGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION PLAN DIVISION

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
			
		PROJ. NO. BR-0008-01(076) COUNTY: HARRISON	
		FILENAME: GN-1.DGN DESIGN TEAM: BROWN CHECKED: DATE:	
DATE	REVISED NOTE	REVISION	DWB BY
		WORKING NUMBER	GN-1
		SHEET NUMBER	4