

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

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SPECIAL DESIGN - BRIDGE	30
CROSS-SECTIONS	32
TOTAL SHEETS	121

12-02-03

STATE OF MISSISSIPPI

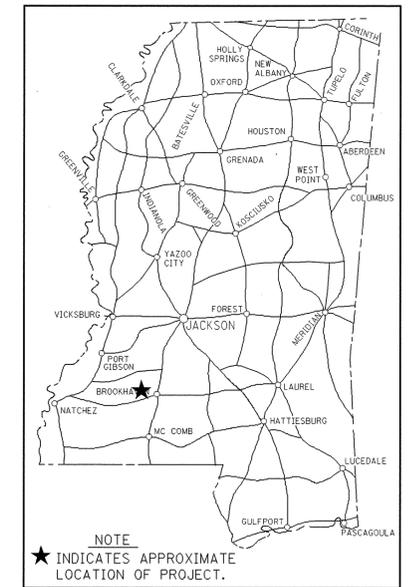
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-0171-00(009)

S.R. 550 REPLACE BRIDGE OVER HOMOCHITTO RIVER FMS CONSTR. NO. 102486/301000 LINCOLN COUNTY

RATIOS / SCALES
PLAN 1:1000
PROFILE { HOR. 1:1000
{ VERT. 1:100
LAYOUT

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR-0171-00(009)	1



DESIGN CONTROL

90 km/h = V (SPEED DESIGN)

ADT (2004) = 710 ; ADT (2024) = 1,100

DHV = 130 ; D = 50 % T = 6 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	<input checked="" type="checkbox"/>	<input checked="" 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, SCNOI SUBMITTED BY MDOT (DISTRIBUTED AREA=5 ACRES+(NTB 840M))

(S) REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 839M)

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: *G.B.P.* DATE: 12-5-03

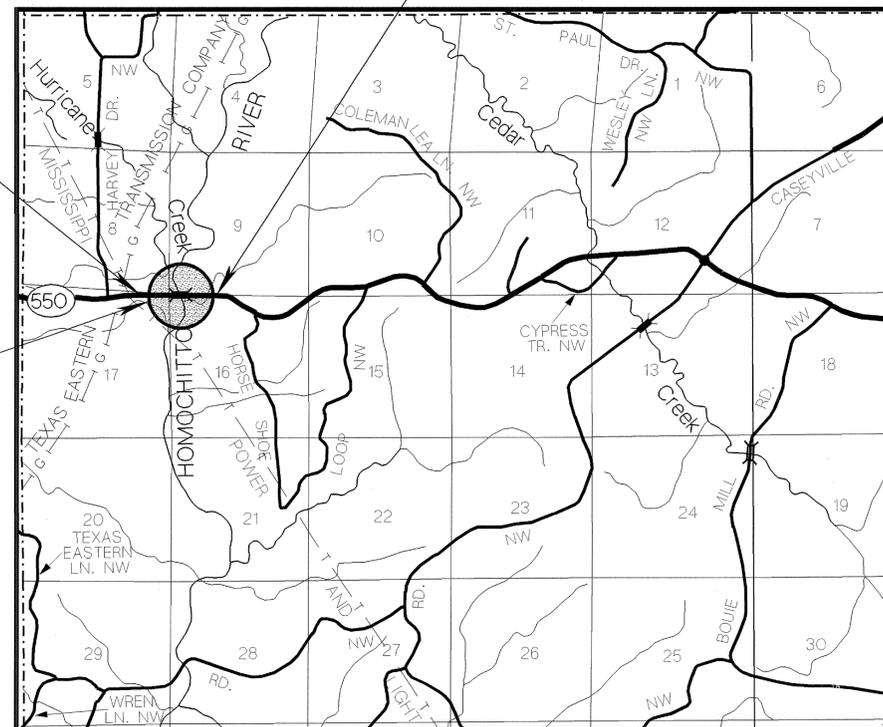
BRIDGE STRUCTURES REQ'D.

BR. NO. 4.8
STA. 2+781.740
BRIDGE LENGTH 117.520m
SPANS REQUIRED 3@12m, 1@33m AND 4@12m
SKEWED @ 20 DEG. RT. FWD.

B.O.P. STA. 2+600

WORK SITE

E.O.P. STA. 3+075



BOX BRIDGES REQ'D.

CONVENTIONAL SYMBOLS

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

EQUATIONS

NONE

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	357.480m
LENGTH OF BRIDGES	117.520m
LENGTH OF PROJECT (NET)	475.000m
LENGTH OF EXCEPTIONS	
LENGTH OF PROJECT (GROSS)	475.000m



APPROVED:	<i>[Signature]</i>	12-02-03
CHIEF ENGINEER	HARRY CEE JAMES	DATE
EXECUTIVE DIRECTOR	<i>[Signature]</i>	12/02/03
EXECUTIVE DIRECTOR		DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
APPROVED:		
DIVISION ADMINISTRATOR		DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION		

ROADWAY DESIGN MISSISSIPPI DEPARTMENT OF TRANSPORTATION LAYOUT SHEET

1st C. REV.

STATE	PROJECT NO.
MISS.	BR-0171-00(009)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
TITLE SHEET (1)			1
DETAILED INDEX & GENERAL NOTES (3)			
DETAILED INDEX		DI-1	2
DETAILED INDEX (BRIDGE)		DI-2	3
GENERAL NOTES		GN-1	4
TYPICAL SECTION SHEETS (5)			
TYPICAL SECTION - NEW CONSTRUCTION & OVERLAY SECTION		TS-1	5
TYPICAL SECTION - CONSTRUCTION AND REMOVAL OF DETOUR ROAD (0+600 TO 0+795)		TS-2	6
TYPICAL SECTION - CONSTRUCTION AND REMOVAL OF DETOUR ROAD (0+889.488 TO 1+079.633)		TS-3	7
TYPICAL SECTION - EMBANKMENT CONSTRUCTION (INDIAN MOUND) (0+889.488 TO 1+079.633)		TS-4	8
TYPICAL SECTION - MISCELLANEOUS DETAILS		TS-5	9
QUANTITY SHEETS (10)			
SUMMARY OF QUANTITIES		SQ-1	10
SUMMARY OF QUANTITIES		SQ-2	11
SUMMARY OF QUANTITIES (BRIDGE)		SQ-3	12
SUMMARY OF REMOVAL ITEMS		SQ-4	13
SUMMARY OF DRAINAGE STRUCTURES AND TRAFFIC CONTROL ITEMS		SDS-1	14
ESTIMATED QUANTITIES - DRIVEWAYS/RAMPS REQUIRED		EQ-1	15
ESTIMATED QUANTITIES - BRIDGE END PAVEMENT & GUARD RAIL REQ'D.		EQ-2	16
ESTIMATED QUANTITIES - EARTHWORK		EQ-3	17
ESTIMATED QUANTITIES (BRIDGE)		EQ-4	18
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS		EQ-5	19
PLAN & PROFILE SHEETS (3)			
STA. 2+600 TO STA. 3+075 (SITE #1)		3	20
STA. 0+600 TO STA. 1+079.633 (SITE #1) (DETOUR)		3A	21
STA. 0+600 TO STA. 1+079.633 (SITE #1) (ARCHAEOLOGICAL SITE)		3B	22
SPECIAL DESIGN SHEETS (8)			
TRAFFIC CONTROL DETAIL - DRUM PLACEMENT AND SHOULDER CLOSURE		TCD-1	23
TRAFFIC CONTROL - (PHASE I)		TC-1	24
TRAFFIC CONTROL - (PHASE I)		TC-2	25
TRAFFIC CONTROL - (PHASE II)		TC-3	26
TRAFFIC CONTROL - (PHASE II)		TC-4	27
TRAFFIC CONTROL - (PHASE III)		TC-5	28
TRAFFIC CONTROL - (PHASE III)		TC-6	29
VEGETATION SCHEDULE		VS-1	30
STANDARD DRAWINGS - ROADWAY SHEETS (29)			
BRIDGE END PAVEMENT		BE-1	107
PAVEMENT MARKING DETAILS FOR 2 & 4 - LANE DIVIDED RWYS.	(12-01-99)	PM-1	120
EROSION CONTROL		EC-1	140
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)		TEC-1	142
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE "A" SILT BASIN)		TEC-2	143
DETAILS FOR DITCH TREATMENT		DT-1	145
GUARD RAIL : "W" BEAM (WOOD POSTS)		GR-1	180
GUARD RAIL : THRIE BEAM (WOOD POSTS)		GR-1A	181
GUARD RAIL : "W" BEAM (METAL POSTS)		GR-1B	182
GUARD RAIL : MODIFIED THRIE BEAM (STEEL POSTS)		GR-1C	183
GUARD RAIL BRIDGE END SECTION - TYPE "I" (WOOD POSTS)	(12-01-99)	GR-2F	190
GUARD RAIL BRIDGE END SECTION - TYPE "I" (STEEL POSTS)		GR-2G	191

STANDARD DRAWINGS - ROADWAY SHEETS (CONT.)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
GUARD RAIL TYPICAL INSTALLATION AT BRIDGE APPROACHES (2-LANE, 2-WAY TRAFFIC)	(12-01-99)	GR-4A	195
GUARD RAIL (TEMPORARY): TYPICAL INSTALLATION AT DETOUR BRIDGE ENDS	(12-01-99)	TGR-1	199
GUARD RAIL: MOIFIED ECCENTRIC LOADER TERMINAL ("MELT") ANCHORAGE ASSEMBLY DETAILS		GR-M2	202
TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE DELINEATORS		SN-8	233
TYPICAL GUARD RAIL DELINEATION		SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE 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
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO LANE ROADS	(12-01-99)	TCP-11	260
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS.	(12-01-99)	TCP-15	264
RIGHT OF WAY MARKERS		RW-1	270
RURAL DRIVEWAYS		RD-1	271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	272
SUPERELEVATION TRANSITION-CASE I (2% NORMAL SUBGRADE)		SE-2A	276
MISCELLANEOUS DETAIL SHEET 1, STACKED PIPE JOINT		MDS-1	290
2. EXCAVATION AT GRADE POINTS.		PF-1	291
DETAILS OF PAVED FLUMES			
PIPE CULVERT INSTALLATION		PI-1	300
SPECIAL DESIGN SHEETS - BRIDGE ITEMS (30)			
CROSS SECTIONS (32)			
STA. 2+030.947 TO STA. 3+500.000			901-932

TOTAL SHEETS (121)

ROBERTS (102486/301000)

PS & E PLANS - DATE (12-02-03)		
REVISIONS		
DATE	SHEET NO.	BY
05/18/2004	4,5,7,8,10,11 & 22	BJR
05/28/2004	10	BJR
08/19/2004	10	BJR

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
LINCOLN COUNTY	
PROJECT NO.: BR-0171-00(009)	
FILENAME: DETINDEX.DG	SHEET NUMBER
DESIGN TEAM: ROBERTS	CHECKED: DATE

METRIC PLAN ROADWAY DESIGN DIVISION CAD/CADD SECTION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DESCRIPTION OF SHEETS
SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS

DESCRIPTION OF SHEETS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 2+781.740		
S.R. 550 OVER HOMOCHITTO RIVER	1 OF 29	466
S.R. 550 OVER HOMOCHITTO RIVER	2 OF 29	467
GENERALIZED SOIL PROFILE	3 OF 29	468
END BENT NO. 1 DETAILS	4 OF 29	469
END BENT NO. 9 DETAILS	5 OF 29	470
END BENT DETAILS	6 OF 29	471
INT. BENTS NO. 2 & 3 DETAILS	7 OF 29	472
INT. BENT NO. 4 DETAILS	8 OF 29	473
DRIFT DEFLECTOR DETAILS FOR INT. BENT NO. 4	9 OF 29	474
INT. BENT NO. 5 DETAILS	10 OF 29	475
DRIFT DEFLECTOR DETAILS FOR INT. BENT NO. 5	11 OF 29	476
INT. BENTS NO. 6, 7 & 8 DETAILS	12 OF 29	477
12 m SPANS 1, 2 & 3 DETAILS	13 OF 29	478
12 m SPANS 1, 2 & 3 DETAILS	14 OF 29	479
33 m SPAN 4 DETAILS	15 OF 29	480
33 m SPAN 4 DETAILS	16 OF 29	481
12 m SPANS 5 & 6 DETAILS	17 OF 29	482
12 m SPANS 5 & 6 DETAILS	18 OF 29	483
12 m SPANS 7 & 8 DETAILS	19 OF 29	484
12 m SPANS 7 & 8 DETAILS	20 OF 29	485
12 m SPAN DETAILS	21 OF 29	486
33 m SPAN DETAILS	22 OF 29	487
MISC. SPAN DETAILS	23 OF 29	488
RAILING DETAILS	24 OF 29	489
12 m END BEAM DETAILS - TYPE I+2	25 OF 29	490
12 m INT. BEAM DETAILS - TYPE I+2	26 OF 29	491
33 m BEAM DETAILS - TYPE IV	27 OF 29	492
BEARING PAD PLACEMENT	28 OF 29	493
PRESTRESSED CONCRETE PILE DETAILS	29 OF 29	494
DETOUR BRIDGE AT STA. 0+795.000	DB1 OF 1	495

BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY
7-14-04	488	TKB



MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILED INDEX (BRIDGE)			
PROJECT 102486/301000 BR-0171-00(009)			
LINCOLN COUNTY		WORKING NUMBER DI-2	SHEET NUMBER 3
DESIGNED	TKB	CHECKED	BJJ
DATE	9/1/03	ISSUED	MKC
DATE	9/1/03	DATE	9/1/03