FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR-0051-04(006)	1

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX	2
GENERAL NOTES	1
TYPICAL SECTIONS	2
QUANTITIES	9
PLAN AND PROFILES	3
SPECIAL DESIGN – ROADWAY ITEMS	30
BRIDGE DRAWINGS	0
SPECIAL DESIGN – BRIDGES	40
CROSS-SECTIONS	19
TOTAL SHEETS	107

STATE OF MISSISSIPPI

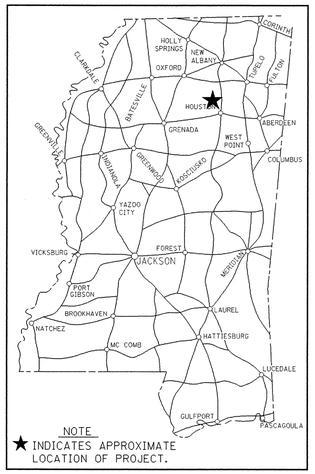
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR–0051–04(006)

09-20-04

SR 32 BETWEEN CALHOUN COUNTY LINE AND SR 15
REPLACE 4 BRIDGES
CHICKASAW COUNTY

FMS CON: 100146/301000



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

SCALES

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

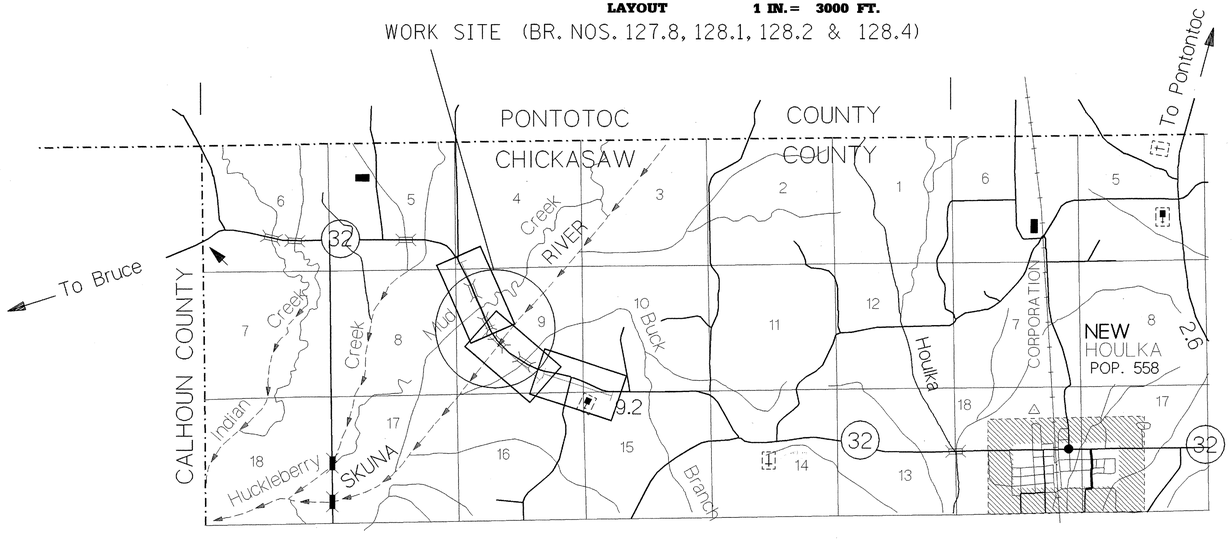
BRIDGE STRUCTURES REQ'D.

164+99.21 - 167+00.79
SPANS: 5 @ 40'
L = 201.58'

179+58.875 - 185+81.125
SPANS:
3 @ 80' -
3 @ 100' -
1 @ 80'
L = 622.25'

194+34.21 - 195+95.79
SPANS: 4 @ 40'
L = 161.58'

WORK SITE (BR. NOS. 127.8, 128.1, 128.2 & 128.4)



DESIGN CONTROL

60 MPH = V (SPEED DESIGN)

ADT (2003) = 1500 : ADT (2023) = 2500

DHV = 280 : D = 50 % T= 16 %

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

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: 6/23/04

EQUATIONS

NONE

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	5870.74 FT.	1.111 MI.
LENGTH OF BRIDGES	985.41 FT.	0.187 MI.
LENGTH OF PROJECT (NET)	6856.15	1.298 MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)	6856.15	1.298 MI.

CONVENTIONAL SYMBOLS

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

97

DATE	REVISIONS	BY

APPROVED:
CHIEF ENGINEER — DATE 6/23/04
EXECUTIVE DIRECTOR — DATE 6/23/04
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR — DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

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

1 st O. REV.

STATE	PROJECT NO.
MISS.	BR-0051-04(006)

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-BR	3
GENERAL NOTES		GN-1	4
TYPICAL SECTIONS (2)			
TYPICAL SECTION - OVERLAY SECTION & NEW CONSTRUCTION (MAINLINE)		TS-1	5
TYPICAL SECTION - RAMP AT STATION 188+00 LT.		TS-2	6
QUANTITY SHEETS (4)			
SUMMARY OF QUANTITIES		SQ-1	7
SUMMARY OF QUANTITIES		SQ-2	8
SUMMARY OF QUANTITIES		SQ-3	9
SUMMARY OF QUANTITIES (BRIDGE)		SQ-BR	10
ESTIMATED QUANTITIES (5)			
ESTIMATED QUANTITIES		EQ-1	11
ESTIMATED QUANTITIES		EQ-2	12
ESTIMATED QUANTITIES		EQ-3	13
ESTIMATED QUANTITIES TRAFFIC CONTROL SIGNS		TCPQ-1	14
ESTIMATED QUANTITIES TRAFFIC (BRIDGE ITEMS)		EQ-BR	15
PLAN & PROFILE SHEETS (3)			
MAINLINE - STA. 150+20.54 TO STA. 174+00.00		WK 3	16
MAINLINE - STA. 174+00.00 TO STA. 204+00.00		WK 4	17
MAINLINE - STA. 204+00.00 TO STA. 218+76.69		WK 5	18
SPECIAL DESIGN SHEETS (3)			
MISCELLANEOUS DETAIL SHEET		MD-1	19
VEGETATION SCHEDULE		VS-1	20
TRAFFIC CONTROL PHASE 1 & PHASE 2		TC-1	21

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.
STANDARD DRAWINGS - ROADWAY SHEETS (27) OCT. 1, 1998 VERSION			
BRIDGE END PAVEMENT		BE-1	107
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	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
DETAILS OF DITCH TREATMENT		DT-1	145
GUARD RAIL : "W" BEAM (WOOD POSTS)	3-01-02	GR-1	180
GUARD RAIL : THRIE BEAM (WOOD POSTS)	3-01-02	GR-1A	181
GUARD RAIL : "W" BEAM (STEEL POSTS)	3-01-02	GR-1B	182
GUARD RAIL : THRIE BEAM (STEEL POSTS)	3-01-02	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
GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	12-01-99	GR-4A	195
GUARD RAIL : MODIFIED ECCENTRIC LOADER TERMINAL ("MELT") AHCHORAGE ASSEMBLY DETAILS	3-01-02	GR-HW	202
TYPICAL INSTALLATION & DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS		SN-8	233
TYPICAL GUARD RAIL DELINEATION	3-01-02	SN-8C	236
TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO WAY TRAFFIC)		TCP-1	250
HIGHWAY SIGN AND 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
TRAFFIC CONTROL PLAN : UNEVEN PAVEMENT DETAILS		TCP-14	263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12-01-99	TCP-15	264
RIGHT OF WAY MARKERS	3-01-02	RW-1	270
RURAL DRIVEWAYS		RD-1	271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	272
SUPERELEVATION TRANSITION - CASE I (2% NORMAL SUBGRADE)	3-01-02	SE-2A	276
DETAILS OF PAVED FLUMES		PF-1	291
PIPE CULVERT INSTALLATION		PI-1	300
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328
BRIDGE SHEETS (40)			466-505
CROSS SECTIONS (19)			901-919
TOTAL SHEETS (107)			

BOGGAN

PS & E PLANS - 6/24/04		
FMS CON. # J00146/301000		
REVISIONS		
DATE	SHEET NO.	BY
10/6/04	7,12,17	AB

97

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

REVISION | BY | DATE

PROJECT NO. BR-0051-04(006)
COUNTY : CHICKASAW

WORKING NUMBER DI-1

FILENAME: di.dgn

DESIGN TEAM BOGGAN CHECKED DATE

SHEET NUMBER 2

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
10/6/2004 7:16 AM DI.DGN

STATE	PROJECT NO.
MISS.	BR-0051-04(006)

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 164+99.21		
SR 32 ACROSS MUD CREEK (GENERAL NOTES)	A1 OF 14	466
SR 32 ACROSS MUD CREEK (LAYOUT)	A2 OF 14	467
SR 32 ACROSS MUD CREEK (FOUNDATION)	A3 OF 14	468
GENERALIZED SOIL PROFILE	A4 OF 14	469
END BENTS NO. 1 & 6 DETAILS	A5 OF 14	470
END BENT DETAILS	A6 OF 14	471
INT. BENTS NO. 2 & 5 DETAILS	A7 OF 14	472
INT. BENTS NO. 3 & 4 DETAILS	A8 OF 14	473
40 FT. SPAN DETAILS	A9 OF 14	474
40 FT. SPAN DETAILS	A10 OF 14	475
MISCELLANEOUS SPAN DETAILS	A11 OF 14	476
RAILING DETAILS	A12 OF 14	477
40 FT. BEAM DETAILS (END SPAN)	A13 OF 14	478
40 FT. BEAM DETAILS (INT. SPAN)	A14 OF 14	479
BRIDGE AT STA. 179+58.875		
SR 32 ACROSS SKUNA RIVER (GENERAL NOTES)	B1 OF 16	480
SR 32 ACROSS SKUNA RIVER (LAYOUT & FOUNDATION)	B2 OF 16	481
GENERALIZED SOIL PROFILE	B3 OF 16	482
END BENT NO. 1 DETAILS	B4 OF 16	483
END BENT NO. 8 DETAILS	B5 OF 16	484
END BENT DETAILS	B6 OF 16	485
INT. BENTS NO. 2 & 3 DETAILS	B7 OF 16	486
INT. BENTS NO. 4 & 7 DETAILS	B8 OF 16	487
INT. BENTS NO. 5 & 6 DETAILS	B9 OF 16	488
80 FT. SPAN DETAILS	B10 OF 16	489
80 FT. SPAN DETAILS	B11 OF 16	490
80 FT. SPAN DETAILS	B12 OF 16	491
100 FT. SPAN DETAILS	B13 OF 16	492
100 FT. SPAN DETAILS	B14 OF 16	493
80 FT. BEAM DETAILS (END & INT. SPAN)	B15 OF 16	494
100 FT. BEAM DETAILS (INT. SPAN)	B16 OF 16	495
BRIDGE AT STA. 194+34.21		
SR 32 ACROSS BUCK BRANCH (GENERAL NOTES & LAYOUT)	C1 OF 10	496
SR 32 ACROSS BUCK BRANCH (FOUNDATION)	C2 OF 10	497
GENERALIZED SOIL PROFILE	C3 OF 10	498
END BENT NO. 1 DETAILS	C4 OF 10	499
END BENT NO. 5 DETAILS	C5 OF 10	500
END BENT DETAILS	C6 OF 10	501
INT. BENTS NO. 2-4 DETAILS	C7 OF 10	502
40 FT. SPAN DETAILS	C8 OF 10	503
40 FT. SPAN DETAILS	C9 OF 10	504
40 FT. BEAM DETAILS (END & INT. SPAN)	C10 OF 10	505

BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY

BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
REVISIONS	DETAILED INDEX (BRIDGE)	
	PROJECT 100146/101000 BR-0051-04(006)	
	CHICKASAW COUNTY	WORKING NUMBER DI-BR
DATE	DESIGNED RWC DETAILED RWC TRACED CADD CHECKED BJJ ISSUED MKC DATE 2/17/04	SHEET NUMBER 3