FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR-0016-03(025)	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	3
QUANTITIES	11
PLAN AND PROFILES	5
SPECIAL DESIGN - ROADWAY ITEMS	42
BRIDGE DRAWINGS	0
SPECIAL DESIGN - BRIDGES	69
CROSS-SECTIONS	22
TOTAL SHEETS	156

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-0016-03(025)

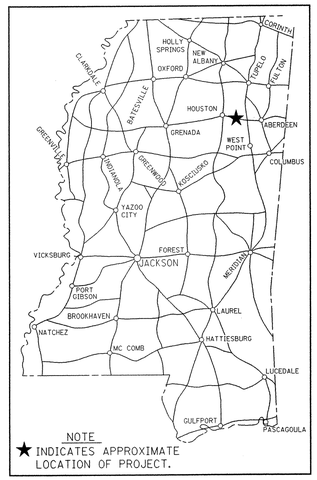
006-13-06

S.R. 8 REPLACE 6 BRIDGES BETWEEN TREBLOC AND MONROE CL CHICKASAW COUNTY

102447/301000 CONST.

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 40,000 FT.



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

BRIDGE STRUCTURES REQ'D.

(A) S.R. 8 OVER CHUQUATONCHEE TRIBUTARY
STA. 783+89.21 ℄ CONSTRUCTION
SPANS: 12 @ 40
SKEW = 0°
481.58 ALONG ℄ CONSTRUCTION

(B) S.R. 8 OVER CHUQUATONCHEE CREEK
STA. 799+19.13 ℄ CONSTRUCTION
SPANS: 6 @ 40, 1 @ 80, 5 @ 40
SKEW = 25°
521.75 ALONG ℄ CONSTRUCTION

(C) S.R. 8 OVER CHUQUATONCHEE RELIEF
STA. 809+89.21 ℄ CONSTRUCTION
SPANS: 1 @ 40, 1 @ 80, 1 @ 40
SKEW = 0°
161.58 ALONG ℄ CONSTRUCTION

(D) S.R. 8 OVER RED BUD CANAL
STA. 816+49.21 ℄ CONSTRUCTION
SPANS: 4 @ 40, 1 @ 60, 4 @ 40
SKEW = 0°
381.58 ALONG ℄ CONSTRUCTION

(E) S.R. 8 OVER HOGPEN RELIEF
STA. 845+54.21 ℄ CONSTRUCTION
SPANS: 3 @ 40
SKEW = 0°
121.58 ALONG ℄ CONSTRUCTION

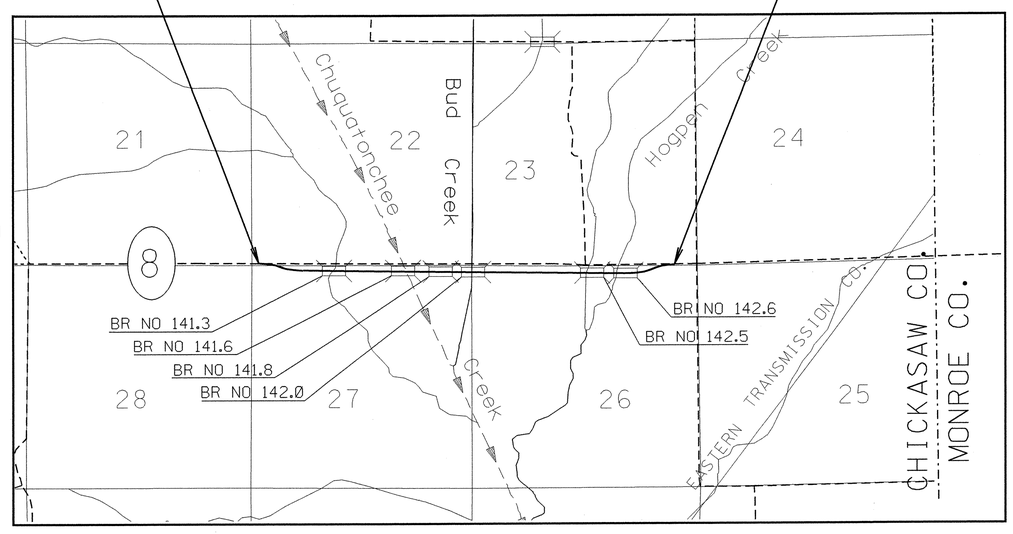
(F) S.R. 8 OVER HOGPEN CREEK
STA. 852+29.18 ℄ CONSTRUCTION
SPANS: 3 @ 40
SKEW = 15°
121.58 ALONG ℄ CONSTRUCTION

B.O.P. 765+00

E.O.P. 871+00

To Houston

To Aberdeen



DESIGN CONTROL

65 MPH = V (SPEED DESIGN)

ADT (2008) = 2000 : ADT (2028) = 2700

DHV = 270 : D = 60 % T = 15 %

PERMITS ACQUIRED BY MDOT

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

	WATERS	WETLANDS
NATIONWIDE #14	Y	N
NATIONWIDE (OTHER)*	N	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: JML DATE: 6-13-06

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. 769+36.70 BK = STA. 769+32.87 AH (+3.830)
STA. 868+42.06 BK = STA. 868+38.78 AH (+3.275)
STA. 870+78.44 BK = STA. 870+75.44 AH (+3.000)

EXCEPTIONS

NONE

LENGTH DATA

LENGTH OF ROADWAY	8,820.43 FT.	1.670 MI.
LENGTH OF BRIDGES	1,789.65 FT.	0.339 MI.
LENGTH OF PROJECT (NET)	10,610.11	2.009 MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)	10,610.11	2.009 MI.

110

REVISIONS: BY / DATE

APPROVED:
Larry Lee James
CHIEF ENGINEER — DATE 6-13-06

EXECUTIVE DIRECTOR — DATE 6-13-06

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

6/9/2006 2:28 PM TITLE.DGN

1 st O. REV.

STATE	PROJECT NO.
MISS.	BR-0016-03(025)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAIL INDEX & GENERAL NOTES (3)		
DETAILED INDEX	DI-1	2
DETAILED INDEX (BRIDGE)	DI-BR	3
GENERAL NOTES	GN-1	4
TYPICAL SECTIONS (3)		
TYPICAL SECTIONS - HWY. 8 (NEW CONSTRUCTION, WIDENING & OVERLAY)	TS-1	5
TYPICAL SECTIONS - LOCAL ROAD	TS-2	6
TYPICAL SECTIONS - HWY. 8 (DETAIL OF PAVED SHLDR., BRIDGE END, ARPON, DRIVEWAYS & RAMPS)	TS-3	7
QUANTITY SHEETS (11)		
SUMMARY OF QUANTITIES	SQ-1	8
SUMMARY OF QUANTITIES	SQ-2	9
SUMMARY OF QUANTITIES	SQ-3	10
SUMMARY OF QUANTITIES (BRIDGE)	SQ-BR	11
SUMMARY OF DRAINAGE STRUCTURES	SDS-1	12
ESTIMATED QUANTITIES (EARTHWORK)	EQ-1	13
ESTIMATED QUANTITIES (SIDE-DRAINS & PIPE REMOVAL)	EQ-2	14
ESTIMATED QUANTITIES (BRIDGE END PAVEMENT & GUARDRAIL)	EQ-3	15
ESTIMATED QUANTITIES (PAVEMENT MARKINGS)	EQ-4	16
ESTIMATED QUANTITIES (TRAFFIC CONTROL SIGNS))	EQ-5	17
ESTIMATED QUANTITIES (BRIDGE ITEMS)	EQ-BR	18
PLAN & PROFILE SHEETS (5)		
STA. 765+00 TO STA. 790+00	WK-3	19
STA. 790+00 TO STA. 820+00	WK-4	20
STA. 820+00 TO STA. 850+00	WK-5	21
LOCAL ROAD - STA. 10+00 TO 16+81.135	WK-5A	22
STA. 850+00 TO STA. 876+00	WK-6	23
SPECIAL DESIGN SHEETS (8)		
INTERSECTION DETAIL @ STA. 841+50.00	ID-1	24
PAVEMENT MARKING DETAIL (REALIGNMENT & BRIDGE REPLACEMENT)	PMD-1	25
VEGETATION SCHEDULE	VS-1	26
DETAILS OF RUMBLE STRIPS	RS-1	27
LOCATION OF R16-3 SIGNS	LRS-1	28
GUARDRAIL: BRIDGE END SECTION TYPE "1" (WOOD POSTS)	GR-2F	29
GUARDRAIL: BRIDGE END SECTION TYPE "1" (STEEL POSTS)	GR-2G	30
GUARDRAIL: RUB RAIL HARDWARE SHEET	GR-RR	31
TRAFFIC CONTROL PLAN SHEETS (10)		
TRAFFIC CONTROL PHASE I	TC-1	32
TRAFFIC CONTROL PHASE I	TC-2	33
TRAFFIC CONTROL PHASE I	TC-3	34
TRAFFIC CONTROL PHASE I	TC-4	35
TRAFFIC CONTROL PHASE I	TC-5	36
TRAFFIC CONTROL PHASE II	TC-6	37
TRAFFIC CONTROL PHASE II	TC-7	38
TRAFFIC CONTROL PHASE II	TC-8	39
TRAFFIC CONTROL PHASE II	TC-9	40
TRAFFIC CONTROL PHASE II	TC-10	41

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
STANDARD DRAWINGS - ROADWAY SHEETS (27) OCT. 1, 1988 VERSION (24)			
BRIDGE END PAVEMENT		BE-1	107
PAVEMENT MARKINGS 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
GUARDRAIL: "W" BEAM (WOOD POSTS)	3-01-02	GR-1	180
GUARDRAIL: THRIE BEAM (WOOD POSTS)	3-01-02	GR-1A	181
GUARDRAIL: "W" BEAM (STEEL POSTS)	3-01-02	GR-1B	182
GUARDRAIL: THRIE BEAM (STEEL POSTS)	3-01-02	GR-1C	183
GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2 WAY HIGHWAY	12-01-99	GR-4A	195
GUARDRAIL: MISCELLANEOUS HARDWARE	3-01-02	GR-HW	202
TYPICAL INSTALLATION & DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS		SN-8	233
TYPICAL GUARDRAIL 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 PLANS UNEVEN PAVEMENT DETAILS		TCP-14	263
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	12-01-99	TCP-15	264
RURAL DRIVEWAYS		RD-1	271
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	272
SUPERELEVATION TRANSITION - CASE I (3% NORMAL SUBGRADE)	3-01-02	SE-2B	277
DETAILS OF PAVED FLUMES		PF-1	291
PIPE CULVERT INSTALLATION		PI-1	300
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328
BRIDGE SHEETS (69)			
CROSS SECTIONS (22)			
SR 8			901-921
LOCAL ROAD			922
TOTAL SHEETS (156)			

PS & E PLANS-DATE: 06/13/06		
FMS CON. # 102447/30100		
REVISIONS		
DATE	SHEET NO.	BY
6/22/06	8, 11 & 18	JMR
7/17/06	3, 9 & 11	JMR

110

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

REVISION BY

PROJECT NO. BR-0016-03(025)

COUNTY: CHICKASAW

WORKING NUMBER DI-1

FILENAME: DI.DGN

DATE

DESIGN TEAM VOLKERT CHECKED DATE

SHEET NUMBER 2

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

7/17/2006 11:25AM DI.DGN

1 st O. REV.

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 783+89.21 MS HWY. NO. 8 ACROSS CHUQUATONCHEE TRIBUTARY (LAYOUT SHEET)	A1 OF 15	466
BRIDGE AT STA. 783+89.21 MS HWY. NO. 8 ACROSS CHUQUATONCHEE TRIBUTARY (FOUNDATION PLAN)	A2 OF 15	467
GENERALIZED SOIL PROFILE	A3 OF 15	468
END BENT NO. 1 DETAILS	A4 OF 15	469
END BENT NO. 13 DETAILS	A5 OF 15	470
END BENT DETAILS	A6 OF 15	471
INT. BENTS NO. 2,4,6,8,10 & 12 DETAILS	A7 OF 15	472
INT. BENTS NO. 3, 7 & 11 DETAILS	A8 OF 15	473
INT. BENTS NO. 5 & 9 DETAILS	A9 OF 15	474
40 FT. SPAN DETAILS	A10 OF 15	475
40 FT. SPAN DETAILS	A11 OF 15	476
MISCELLANEOUS SPAN DETAILS	A12 OF 15	477
RAILING DETAILS	A13 OF 15	478
40 FT. BEAM DETAILS (END SPAN)	A14 OF 15	479
40 FT. BEAM DETAILS (INT. SPAN)	A15 OF 15	480
BRIDGE AT STA. 799+19.125 MS HWY. NO. 8 ACROSS CHUQUATONCHEE CREEK (GENERAL NOTES)	B1 OF 20	481
BRIDGE AT STA. 799+19.125 MS HWY. NO. 8 ACROSS CHUQUATONCHEE CREEK (LAYOUT SHEET & FOUNDATION PLAN)	B2 OF 20	482
GENERALIZED SOIL PROFILE	B3 OF 20	483
END BENT NO. 1 DETAILS	B4 OF 20	484
END BENT NO. 13 DETAILS	B5 OF 20	485
END BENT DETAILS	B6 OF 20	486
INT. BENTS NO. 2,3,5,6,9,11 & 12 DETAILS	B7 OF 20	487
INT. BENT NO. 4 DETAILS	B8 OF 20	488
INT. BENTS NO. 7 & 8 DETAILS	B9 OF 20	489
INT. BENT NO. 10 DETAILS	B10 OF 20	490
40 FT. SPAN DETAILS	B11 OF 20	491
40 FT. SPAN DETAILS	B12 OF 20	492
40 FT. SPAN DETAILS	B13 OF 20	493
40 FT. SPAN DETAILS	B14 OF 20	494
40 FT. SPAN DETAILS	B15 OF 20	495
80 FT. SPAN DETAILS	B16 OF 20	496
80 FT. SPAN DETAILS	B17 OF 20	497
40 FT. BEAM DETAILS (END SPAN)	B18 OF 20	498
40 FT. BEAM DETAILS (INT. SPAN)	B19 OF 20	499
80 FT. BEAM DETAILS (INT. SPAN)	B20 OF 20	500
BRIDGE AT STA. 809+89.21 MS HWY. NO. 8 ACROSS CHUQUATONCHEE TRIBUTARY (LAYOUT SHEET)	C1 OF 13	501
BRIDGE AT STA. 809+89.21 MS HWY. NO. 8 ACROSS CHUQUATONCHEE TRIBUTARY (FOUNDATION PLAN)	C2 OF 13	502
GENERALIZED SOIL PROFILE	C3 OF 13	503
END BENTS NO. 1 & 4 DETAILS	C4 OF 13	504
END BENT DETAILS	C5 OF 13	505
INT. BENT NO. 2 DETAILS	C6 OF 13	506
INT. BENT NO. 3 DETAILS	C7 OF 13	507
40 FT. SPAN DETAILS	C8 OF 13	508
40 FT. SPAN DETAILS	C9 OF 13	509
80 FT. SPAN DETAILS	C10 OF 13	510
80 FT. SPAN DETAILS	C11 OF 13	511
40 FT. BEAM DETAILS (END SPAN)	C12 OF 13	512
80 FT. BEAM DETAILS (INT. SPAN)	C13 OF 13	513

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 816+49.21 MS HWY. NO. 8 ACROSS RED BUD CANAL (LAYOUT SHEET)	D1 OF 7	514
BRIDGE AT STA. 816+49.21 MS HWY. NO. 8 ACROSS RED BUD CANAL (FOUNDATION PLAN)	D2 OF 7	515
GENERALIZED SOIL PROFILE	D3 OF 7	516
INT. BENTS NO. 5 & 6 DETAILS	D4 OF 7	517
60 FT. SPAN DETAILS	D5 OF 7	518
60 FT. SPAN DETAILS	D6 OF 7	519
60 FT. BEAM DETAILS (INT. SPAN)	D7 OF 7	520
BRIDGE AT STA. 845+54.21 MS HWY. NO. 8 ACROSS HOGPEN RELIEF (LAYOUT SHEET)	E1 OF 4	521
BRIDGE AT STA. 845+54.21 MS HWY. NO. 8 ACROSS HOGPEN RELIEF (FOUNDATION PLAN)	E2 OF 4	522
GENERALIZED SOIL PROFILE	E3 OF 4	523
40 FT. SPAN DETAILS	E4 OF 4	524
BRIDGE AT STA. 852+29.18 MS HWY. NO. 8 ACROSS HOGPEN CREEK (LAYOUT SHEET)	F1 OF 10	525
BRIDGE AT STA. 852+29.18 MS HWY. NO. 8 ACROSS HOGPEN CREEK (FOUNDATION PLAN)	F2 OF 10	526
GENERALIZED SOIL PROFILE	F3 OF 10	527
END BENTS NO. 1 & 4 DETAILS	F4 OF 10	528
END BENT DETAILS	F5 OF 10	529
INT. BENTS NO. 2 & 3 DETAILS	F6 OF 10	530
40 FT. SPAN DETAILS	F7 OF 10	531
40 FT. SPAN DETAILS	F8 OF 10	532
40 FT. BEAM DETAILS (END SPAN)	F9 OF 10	533
40 FT. BEAM DETAILS (INT. SPAN)	F10 OF 10	534

STATE	PROJECT NO.
MISS.	BR-0016-03(025)

BRIDGE DIVISION REVISIONS		
DATE	SHEET NO.	BY
07-17-06	514	BJJ

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX
(BRIDGE)

PROJECT 102447/301000
BR-0016-03(025)

CHICKASAW COUNTY

WORKING NUMBER DI-BR

SHEET NUMBER 3

DESIGNED TLJ DETAILED TLJ TRACED CADD
CHECKED BJJ ISSUED HLJ DATE 08-15-01

REVISIONS DATE BY