FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR–1681–00(013)	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	4
QUANTITIES	9
PLAN AND PROFILES	3
SPECIAL DESIGN – ROADWAY ITEMS	29
BRIDGE DRAWINGS	7
SPECIAL DESIGN – BRIDGES	31
CROSS–SECTIONS	42
TOTAL SHEETS	129

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR–1681–00(013)

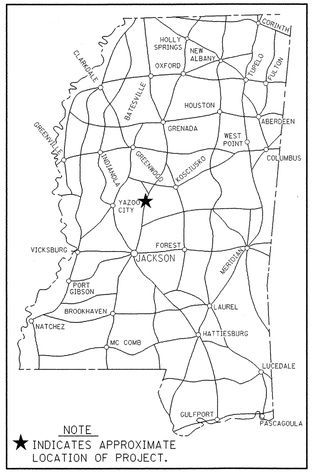
05-16-05

US 51 BR # 140.2
OVER RR @ PICKENS
YAZOO COUNTY

102516/301

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 2640 FT.

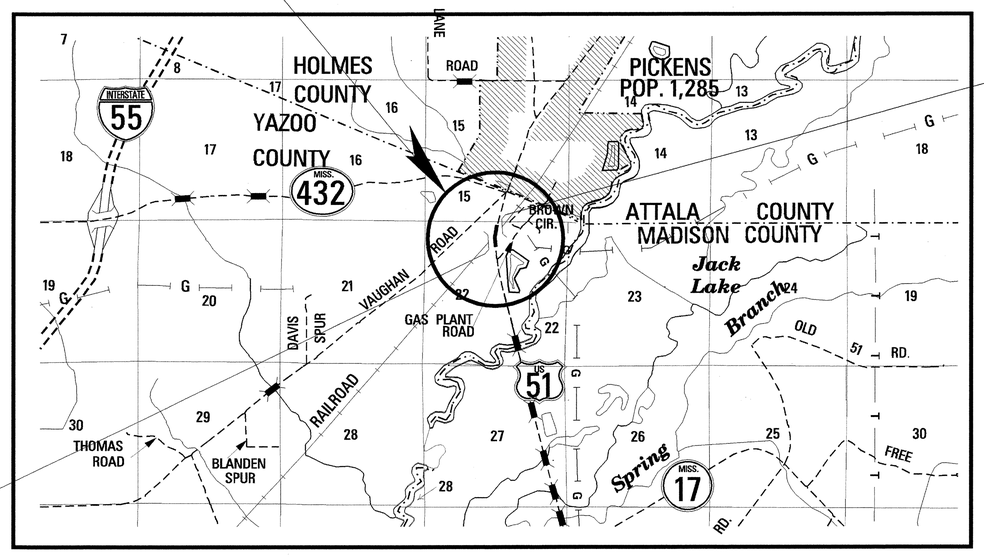


NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

WORK SITE
BR # 140.2

E.O.P STA. 89+49.399

B.O.P STA. 56+25.884



BRIDGE STRUCTURES REQ'D.

STA. 71+89.005 – STA. 76+61.844
BR. NO. 140.2
LENGTH = 472.839'

BOX BRIDGES REQ'D.

DESIGN CONTROL
60 MPH = V (SPEED DESIGN)
ADT (2004) = 1490 : ADT (2021) = 2100
DHV = 250 : D = 50 % T = 10 %

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: 12/6/04

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	2850.676	FT.	0.540	MI.
LENGTH OF BRIDGES	472.839	FT.	0.090	MI.
LENGTH OF PROJECT (NET)			0.630	MI.
LENGTH OF EXCEPTIONS		FT.	0.000	MI.
LENGTH OF PROJECT (GROSS)			0.630	MI.

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REVISIONS — BY — DATE

APPROVED:
CHIEF ENGINEER — DATE 12-6-04
EXECUTIVE DIRECTOR — DATE 12-6-04
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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

TITLE
ROADWAY DESIGN DIVISION CADD SECTION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

RURAL COLLECTOR

1 st O. REV.

STATE	PROJECT NO.
MISS.	BR-1681-00(013)

DESCRIPTION OF SHEET	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	4
TYPICAL SECTION SHEETS (4)		
TYPICAL SECTION - HWY 51 MAIN LINE	TS-1	5
TYPICAL SECTION - GAS PLANT ROAD	TS-2	6
TYPICAL SECTION - TYPICAL REMOVAL OF EXISTING HWY 51	TS-3	7
TYPICAL SECTION - MISCELLANEOUS TYPICAL SECTION DETAILS	TS-4	8
QUANTITY SHEETS (9)		
SUMMARY OF QUANTITIES	SQ-1	9
SUMMARY OF QUANTITIES	SQ-2	10
SUMMARY OF QUANTITIES (BRIDGE)	SQ-3	10.1
ESTIMATED QUANTITIES	EQ-1	11
ESTIMATED QUANTITIES	EQ-2	12
ESTIMATED QUANTITIES	EQ-3	13
ESTIMATED QUANTITIES	EQ-4	14
ESTIMATED QUANTITIES	EQ-5	15
ESTIMATED QUANTITIES (BRIDGE)	EQ-6	15.1
PLAN & PROFILE SHEETS (3)		
HWY. 51 STA. 57+00 to STA. 80+00	3	16
GAS PLANT RD.	3A	17
HWY. 51 STA. 80+00 to STA. 92+00	4	18
SPECIAL DESIGN SHEETS (9)		
CONSTRUCTION SIGNING	CS-1	19
CONSTRUCTION SIGNING	CS-2	20
TRAFFIC CONTROL PLANS	TC-1	21
TRAFFIC CONTROL PLANS	TC-2	22
PAVEMENT MARKING DETAILS	PMD	23
INTERSECTION DETAIL	ID	24
TRAFFIC CONTROL DETAIL DRUM PLACEMENT AND SHOULDER CLOSURE	PD	25
RIGHT OF WAY MARKERS	RW-1	26
VEGETATION SCHEDULE	VS	27

DESCRIPTION OF SHEET	REV. DATE	WKG. NO.	SH. NO.
STANDARD DRAWINGS - ROADWAY SHEETS (20)			
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
TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN)		TEC-2	143
DETAILS OF DITCH TREATMENT		DT-1	145
GUARD RAIL : "W" BEAM (WOOD POSTS)	03-01-02	GR-1	180
GUARD RAIL : "W" BEAM (STEEL POSTS)		GR-1B	182
GUARD RAIL : BRIDGE END SECTION - TYPE H (STEEL POSTS)		GR-2D	188
GUARD RAIL : MISCELLANEOUS HARDWARE	03-01-02	GR-HW	202
TYPICAL GUARD RAIL DELINEATION	03-01-02	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.		TCP-15	264
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS		GT-1	272
SIGHT FLARES		SF-1	273
SUPERELEVATION TRANSITION - CASE I (2% NORMAL SUBGRADE)	03-01-02	SE-2A	276
DRIVEWAYS, CURB & GUTTER, & SIDEWALK		SD-1	287
DETAILS OF PAVED FLUMES		PF-1	291
STANDARD DRAWING BRIDGE SHEETS (7)			
BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS GROUP I DIAGRAMS		IBJL-1	366.1
COLLAR DETAILS FOR BOX STRUCTURES		ICJ-1	367
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 6 FT. - SPANS - 6-20 FT.		IBS-6-2W	370.1
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT - 6 FT. - SPANS - 6-20 FT.		IBS-6-2W	370.2
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 6-12 FT. - SPANS 6-24 FT.		IWS-3	374
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 6-12 FT. - SPANS 6-24 FT.		IWS-3	375.1
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 6-12 FT. - SPANS 6-24 FT.		IWS-3	375.2
SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS (31)			466-496
CROSS SECTIONS (42)			901-942
TOTAL SHEETS (129)			

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REINIKE/BRELAND

SMALL BLUE DATE MAY 16, 2005		
FMS CON. # 102516/301000		
REVISIONS		
DATE	SHEET NO.	BY
6-10-05	9,16,18	CLB
8-15-05	10	CLB
9-14-05	10	CLB
9-15-05	10	CLB

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

REVISION | BY | DATE

PROJECT NO. BR-1681-00(013)
COUNTY : YAZOO

FILENAME: DINDEX.DGN

DESIGN TEAM REINIKE/BRELAND CHECKED _____ DATE _____

WORKING NUMBER DI-1

SHEET NUMBER 2

PLAN: ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

STATE	PROJECT NO.
MISS.	BR-1681-00(013)

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS ~ BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
OVERPASS AT STA. 71+89.005		
U.S. HWY. 51 OVER ILLINOIS CENTRAL RAILROAD & SOUTHERN NATURAL GAS LINE	1 OF 31	466
U.S. HWY. 51 OVER ILLINOIS CENTRAL RAILROAD & SOUTHERN NATURAL GAS LINE	2 OF 31	467
Generalized Soil Profile	3 OF 31	468
End Bent No. 1 Details	4 OF 31	469
End Bent No. 7 Details	5 OF 31	470
End Bent No. 7 Details	6 OF 31	471
End Bent Details	7 OF 31	472
Int. Bent No. 2 & 3 Details	8 OF 31	473
Int. Bent Details	9 OF 31	474
Int. Bent No. 4 Details	10 OF 31	475
Int. Bent No. 5 Details	11 OF 31	476
Int. Bent No. 6 Details	12 OF 31	477
Int. Bent Details	13 OF 31	478
Int. Bent Details	14 OF 31	479
70 Ft. Span No. 1 Details	15 OF 31	480
105 Ft. Span No. 2 Details	16 OF 31	481
55 Ft. Span No. 3 Details	17 OF 31	482
110 Ft. Span No. 4 Details	18 OF 31	483
55 Ft. Span No. 5 Details	19 OF 31	484
75 Ft. Span No. 6 Details	20 OF 31	485
Span Details	21 OF 31	486
Misc. Span Details	22 OF 31	487
Railing Details	23 OF 31	488
70 Ft. Beam Details (End Span); Beams 70-1 Thru 70-7 (Type IV)	24 OF 31	489
105 Ft. Beam Details (Int. Span); Beams 105-1 Thru 105-7 (Type IV)	25 OF 31	490
35 Ft. Thru 75 Ft. Beam Details (Int. Span); Beams 55(A)-1 Thru 55(A)-7 (Type IV)	26 OF 31	491
110 Ft. Beam Details (Int. Span); Beams 110-1 Thru 110-7 (Type IV)	27 OF 31	492
55 Ft. Beam Details (Int. Span); Beams 55(B)-1 Thru 55(B)-7 (Type IV)	28 OF 31	493
75 Ft. Beam Details (End Span); Beams 75-1 Thru 75-7 (Type IV)	29 OF 31	494
Prestressed Concrete Pile Details	30 OF 31	495
Trail And Test Shaft Details	31 OF 31	496

BRIDGE DIVISION REVISIONS		
DATE	SHEET NO.	BY

REVISIONS	BY	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
		DETAILED INDEX
		PROJECT BR-1681-00(013) 102516/301000
		YAZOO COUNTY — WORKING NUMBER DI-2
DATE		DESIGNED JMW DETAILED SWW TRACED CADD CHECKED JMW ISSUED MKC DATE 6/28/05 — SHEET NUMBER 3