

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR-2170-00(005)	1

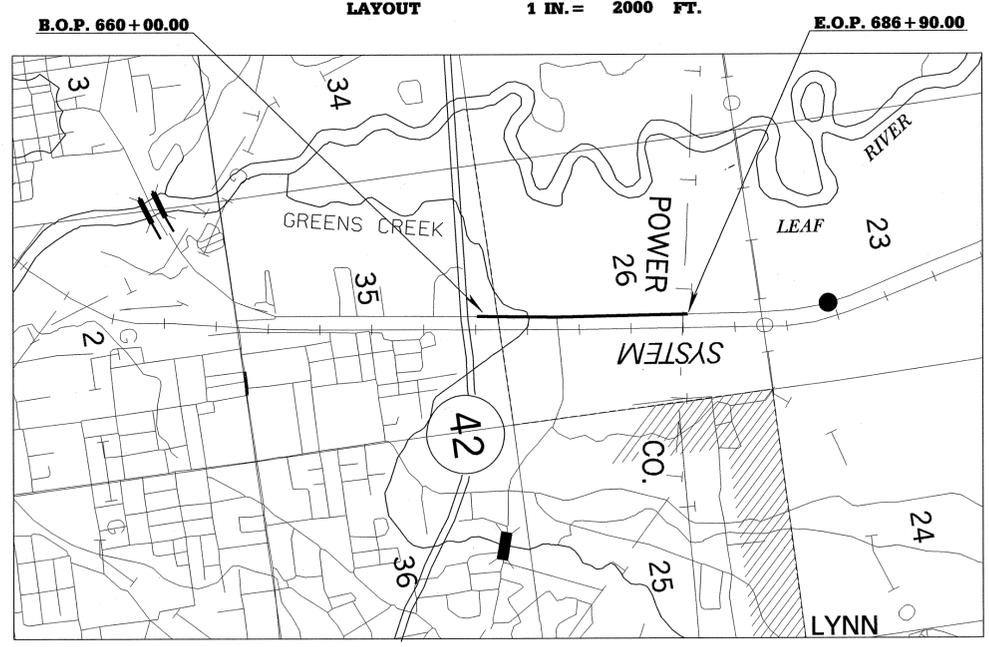
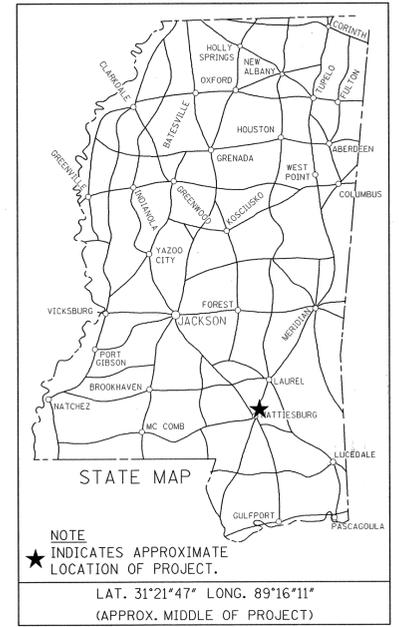
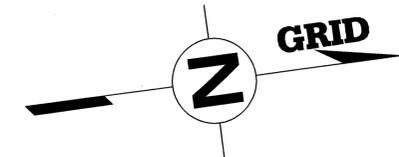
STATE OF MISSISSIPPI
 MISSISSIPPI DEPARTMENT OF TRANSPORTATION
**PLAN AND PROFILE OF PROPOSED
 STATE HIGHWAY
 FEDERAL AID PROJECT NO. BR-2170-00(005)
 102245/302**

**REPLACE BRIDGE 77.9 OVER GREENS CREEK
 FORREST COUNTY**

**BRIDGE STRUCTURES REQ'D.
 STA. 669+12 TO STA 671+12
 SPANS 5 @ 40'
 LENGTH = 200**

**BOX BRIDGES REQ'D.
 NONE**

SCALES
 PLAN 1 IN. = 100 FT.
 PROFILE { HOR. 1 IN. = 100 FT.
 VERT. 1 IN. = 10 FT.
 LAYOUT 1 IN. = 2000 FT.



GPS CONTROL NOTES

HORIZONTAL DATUM: NAD 83/93 MS EAST ZONE (US SURVEY FEET)		
HORIZONTAL MONUMENT	NORTH	EAST
EDM	634,706.044	846,692.103
J 22	681,756.409	820,563.364
A 158 RESET	677,814.056	897,665.721
VERTICAL DATUM: NAVD 88 (US SURVEY FEET)		
VERTICAL MONUMENT	ELEVATION	
M 104	150.02	

**ALL AZIMUTHS AND DISTANCES ARE
 GRID VALUES, US SURVEY FEET**

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	0.999968358
GRID TO GEODETIC AZIMUTH	-0° 13' 39.5"

DESIGN CONTROL

55 MPH = V (SPEED DESIGN)

ADT (2012) = 5500 ; ADT (2032) = 7000

DHV = 770 ; D = 55 % T = 15 %

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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GENERAL*	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
INDIVIDUAL (404)*	<input checked="" type="checkbox"/>	<input checked="" 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+(NTB 586))

S REQUIRED (CNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 14))

N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: **JCT** DATE: 4/5/2012

CONVENTIONAL SYMBOLS

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

LENGTH OF ROADWAY	2490 FT.	.472 MI.
LENGTH OF BRIDGES	200 FT.	.039 MI.
LENGTH OF PROJECT (NET)		.511 MI.
LENGTH OF EXCEPTIONS	0.00 FT.	0.00 MI.
LENGTH OF PROJECT (GROSS)		.511 MI.

EQUATIONS

NONE

LENGTH DATA

EXCEPTIONS

NONE

4/5/2012 15:04:09 TITLE.DGN



REVISIONS	DATE	BY	APPROVED:
			CHIEF ENGINEER 4/10/12
			EXECUTIVE DIRECTOR 4/10/12
			MISSISSIPPI DEPARTMENT OF TRANSPORTATION
			APPROVED:
			DIVISION ADMINISTRATOR DATE
			FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION

1st O. REV.

STATE	PROJECT NO.
MISS.	BR-2170-00(005)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1	INTERSECTION DETAIL	ID	32
DETAILED INDEX & GENERAL NOTES (4)				RS-2L	33
DETAILED INDEX	DI-1	2	RUMBLE STRIPES (GROUND-IN), 2-LANE	VS-1	34
DETAILED INDEX	DI-2	3	VEGETATION SCHEDULE	DT-1	35
DETAILED INDEX BRIDGE	DI-3	4	DETAIL OF TYPICAL DITCH TREATMENT	TCP-SC	36
GENERAL NOTES	GN-1	5	TRAFFIC CONTROL DETAILS DRUM PLACEMENTS AND SHOULDER CLOSURE	BE-1C	37
			BRIDGE END PAVEMENT WITH RAIL AND OVERLAY	BE-PR-1B	38
			33.5" BRIDGE PAVEMENT RAIL		
TYPICAL SECTION SHEETS (3)				SDGR-2F	39
			GUARD RAIL : BRIDGE END SECTION - TYPE "I" (WOOD POSTS)	SDGR-2G	40
			GUARD RAIL : BRIDGE END SECTION - TYPE "I" (STEEL POSTS)		
	TS-1	6		SDGR-RR	41
TYPICAL SECTION - MAINLINE NEW CONSTRUCTION WIDEN AND OVERLAY	TS-2	7	GUARD RAIL : RUB RAIL HARDWARE SHEET		
TYPICAL SECTION - MAINLINE MILL & OVERLAY AND LOCAL ROAD	TS-3	8	GUARD RAIL : (TEMPORARY); TYPICAL INSTALLATION AT	TGR-1	42
TYPICAL SECTION - DETOUR ROAD CONSTRUCTION AND REMOVAL			DETOUR BRIDGE ENDS		
QUANTITY SHEETS (12) Δ				ECD-1	43
			TYPICAL TEMPORARY EROSION SEDIMENT CONTROL APPLICATIONS	ECD-2	44
SUMMARY OF QUANTITIES	SQ-1	9	DETAIL OF SEDIMENT BARRIER APPLICATIONS	ECD-3	45
SUMMARY OF QUANTITIES	SQ-2	10	DETAIL OF SILT FENCE INSTALLATION	ECD-4	46
SUMMARY OF QUANTITIES	SQ-3	11	DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS	ECD-5	47
SUMMARY OF QUANTITIES (BRIDGE)	SQ-4	12	TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, SILT FENCE AND HAY BALE DITCH CHECKS		
			DETAILS OF EROSION CONTROL WATTLE DITCH CHECK	ECD-6	48
DRAINAGE STRUCTURES	EQ-1	13	DETAIL OF EROSION CONTROL SILT DIKE DITCH CHECK	ECD-7	49
CONCRETE CURB AND GUTTER, GUARD RAIL, BRIDGE END PAVEMENT	EQ-2	14	ROCK DITCH CHECK	ECD-8	50
ESTIMATED QUANTITIES EARTHWORK, REMOVAL OF PAVEMENT			ROCK DITCH CHECK WITH SUMP EXCAVATION	ECD-9	51
REMOVAL OF PIPE DRIVEWAY REQ'D., SIDE DRAINS	EQ-3	15	INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS	ECD-10	52
ESTIMATED QUANTITIES PAVEMENT MARKINGS	EQ-4	16	INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES & SAGS	ECD-11	53
ESTIMATED QUANTITIES BRIDGE	EQ-5	17	INLET PROTECTION DETAILS OF WATTLES	ECD-12	54
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	TCPQ-1	18	INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE	ECD-13	55
STANDARD ROADSIDE SIGN QUANTITIES US 11	SRS-1	18.1 Δ	INLET PROTECTION DETAILS OF SAND BAG	ECD-14	56
STANDARD ROADSIDE SIGN QUANTITIES US 11	SRS-2	18.2 Δ	STABILIZED CONSTRUCTION ENTRANCE	ECD-15	57
			TEMPORARY CULVERT STREAM CROSSING	ECD-16	58
			TEMPORARY STREAM DIVERSION	ECD-17	59
			TEMPORARY STREAM DIVERSION (BOX EXTENSIONS)	ECD-18	60
PLAN & PROFILE SHEETS (3)			FLOATING TURBIDITY CURTAIN	ECD-19	61
			DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK	ECD-20	62
STA. 660+00 TO STA. 686+90	WK3	19	PRELIMINARY EROSION CONTROL PLAN	ECP-3	63
STA 61+50 TO STA 81+00	WK3A	20	PRELIMINARY EROSION CONTROL PLAN	ECP4	64
STA 10+50 TO STA 11+00	WK3B	21	PRELIMINARY EROSION CONTROL PLAN	ECP5	65
			BRIDGE AT STA. 669+12.00 EROSION CONTROL PLAN	EC-3	66
SPECIAL DESIGN SHEETS (54) Δ			BRIDGE AT STA. 669+12.00 EROSION CONTROL PLAN	EC-4	67
			RIGHT OF WAY COORDINATES	ROW-1	68
DETAIL OF CONSTRUCTION SIGNING	DCS-1	22	RIGHT OF WAY MARKERS	RW-1	69
TRAFFIC CONTROL PLAN PHASE 1	TC-1	23	SUPERELEVATION TRANSITION FOR LOCAL FACILITIES	SDSE-1	70
TRAFFIC CONTROL PLAN PHASE 1	TC-2	24	SUPERELEVATION CASE I ROTATION ABOUT CENTERLINE 2% NORMAL SUBGRADE	SDSE-2A	71
TRAFFIC CONTROL PLAN PHASE 1	TC-3	25	TYPICAL TEMPORARY EROSION CONTROL MEASURES		
TRAFFIC CONTROL PLAN PHASE 2	TC-4	26	(SILT FENCE, HAY BALES & BRUSH BARRIER)	TEC-1	72
TRAFFIC CONTROL PLAN PHASE 2	TC-4A	27	TYPICAL TEMPORARY EROSION CONTROL MEASURES		
TRAFFIC CONTROL PLAN PHASE 2	TC-5	28	(SLOPE DRAIN AND TYPE "A" SILT BASIN)	TEC-2	73
TRAFFIC CONTROL PLAN PHASE 2	TC-6	29	2-WAY CLEAR RAISED PAVEMENT MARKERS PLACED ON SIDE ROADS	CRPMSR-2	74
PAVEMENT MARKING DETAILS - STA. 656+50.00 TO STA. 668+50.00	PMD-1	30	PERMANENT SIGNING PLAN US 11	PSP-1	75 Δ
PAVEMENT MARKING DETAILS - STA. 668+50.00 TO STA. 687+00.00	PMD-2	31	PERMANENT SIGNING DETAIL US 11	PSD-1	76 Δ

PLAN DIVISION
ROADWAY DESIGN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

8/22/2012 08:33:15 I.DEX.DGN

PS & E PLANS-DATE: 04/10/12		
FMS CON. # 102245/302000		
REVISIONS		
DATE	SHEET NO.	BY
5/3/2012	2,3,11,18,1,18,2,75,76	GDR
6/11/2012	9,11,63,64,66,67	GDR
6/18/2012	19,20,21,63,64,65,303,304	GDR
8/8/2012	7,9,10,11,12	GDR
8/22/2012	10	GDR

MISSISSIPPI DEPARTMENT OF TRANSPORTATION													
DETAILED INDEX													
PROJECT NO.: BR-2170-00(005) COUNTY : FORREST													
<table border="1"> <tr> <th>DATE</th> <th>ADDED SHEETS</th> <th>REVISION</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	DATE	ADDED SHEETS	REVISION	BY					<table border="1"> <tr> <td>WORKING NUMBER</td> <td>DI-1</td> </tr> <tr> <td>SHEET NUMBER</td> <td>2</td> </tr> </table>	WORKING NUMBER	DI-1	SHEET NUMBER	2
DATE	ADDED SHEETS	REVISION	BY										
WORKING NUMBER	DI-1												
SHEET NUMBER	2												
FILENAME: DI.DGN DESIGN TEAM: ROBINSON CHECKED: DATE:													



1 st O. REV.

STATE	PROJECT NO.
MISS.	BR-2170-00(005)

DESCRIPTION OF SHEET	REVISION DATE	WKG. NO.	SH. NO.	DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
STANDARD DRAWINGS - ROADWAY SHEETS (28)				CROSS SECTION (11)		
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	12-01-99	PM-1	120	CROSS SECTION STA. 658+00.00 - STA. 688+50.00		901-911
PAVEMENT MARKING LEGEND DETAILS		PM-6	125			
EROSION CONTROL		EC-1	140			
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "B" SILT BASIN)		TEC-3	144			
GUARD RAIL: BRIDGE END SECTION - TYPE A & C		GR-2	184	TOTAL SHEETS (138.) Δ		
GUARD RAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY		GR-4	195			
ROUTE SHIELDS & "EXIT ONLY" PANELS		SN-2	221			
STANDARD ROADSIDE SIGNS		SN-3	222			
STANDARD ROADSIDE SIGNS	03-01-02	SN-3A	223			
STANDARD ROADSIDE SIGNS		SN-3B	224			
STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION		SN-4	225			
STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION		SN-4A	226			
STANDARD ROADSIDE SIGN ASSEMBLY & INSTALLATION		SN-4B	227			
TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS		SN-5	228			
BREAK-AWAY SIGN SUPPORTS		SN-6	229			
BREAK-AWAY SIGN SUPPORTS		SN-6A	230			
BREAK-AWAY SIGN SUPPORTS		SN-6B	231			
SIGN FACE CONSTRUCTION & ATTACHMENT OF GROUND MOUNTED DI-TWO WAY TRAFFIC)		TCP-1	250			
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT LESS THAN 65 MPH (4-LANE: MEDIAN LANE OR OUTSIDE LANE CLOSURE)		TCP-8	257			
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS PROJECTS		TCP-10	259			
TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS DIVIDED HIGHWAYS	12-01-99	TCP-15	264			
TEMPORARY STRIPING FOR TRAFFIC CONTROL 4-LANE AND 5-LANE RURAL DRIVEWAYS		RD-1	271			
TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS	12-01-99	GT-1	272			
SIGHT FLARES		SF-1	273			
PIPE CULVERT INSTALLATION		PI-1	300			
PIPE COLLAR - CONCRETE		PC-1	301			
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328			
FLARED END SECTION FOR CONCRETE ARCH PIPE		FE-1A	329			
SPECIAL DESIGN - BRIDGE (22)			466			

5/3/2012 11:06:58 IDEX.DGN

57	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAILED INDEX	
	
PROJECT NO.: BR-2170-00(005) COUNTY : FORREST	
FILENAME: DI.DGN DESIGN TEAM: <u>BARTON</u> CHECKED: _____ DATE: _____	
WORKING NUMBER	DI-2
SHEET NUMBER	3

1 st O. REV.

STATE	PROJECT NO.
MISS.	BR-2170-00(005)

**DESCRIPTION OF SHEETS
SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS**

DESCRIPTION OF SHEETS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 669+12.00 U.S. HWY. 11 ACROSS GREENS CREEK (LAYOUT SHEET)	1 OF 19	466
BRIDGE AT STA. 669+12.00 U.S. HWY. 11 ACROSS GREENS CREEK (FOUNDATION PLAN SHEET)	2 OF 19	467
GENERALIZED SOIL PROFILE	3 OF 19	468
END BENTS NO. 1 & 6 DETAILS (PART PLANS)	4 OF 19	469
END BENTS NO. 1 & 6 DETAILS (PART PLANS)	5 OF 19	470
END BENT DETAILS	6 OF 19	471
INT. BENTS NO. 2 & 3 DETAILS (PART PLANS)	7 OF 19	472
INT. BENTS NO. 2 & 3 DETAILS (PART PLANS)	8 OF 19	473
INT. BENT NO. 4 DETAILS (PART PLANS)	9 OF 19	474
INT. BENT NO. 4 DETAILS (PART PLANS)	10 OF 19	475
INT. BENT NO. 5 DETAILS (PART PLANS)	11 OF 19	476
INT. BENT NO. 5 DETAILS (PART PLANS)	12 OF 19	477
40 FT. END & INT. SPANS DETAILS	13 OF 19	478
40 FT. SPAN DETAILS (NEAR END DIAPHRAGM)	14 OF 19	479
40 FT. SPAN DETAILS (NEAR INT. DIAPHRAGM)	15 OF 19	480
MISCELLANEOUS SPAN DETAILS	16 OF 19	481
RAILING DETAILS	17 OF 19	482
40 FT. BEAM DETAILS (TYPE PS18)	18 OF 19	483
PRESTRESSED CONCRETE PILE DETAILS	19 OF 19	484

**SPECIAL DESIGN SHEETS
DETOUR BRIDGE DRAWINGS**

DESCRIPTION OF SHEETS	WORKING NUMBER	SHEET NUMBER
DETOUR BRIDGE AT STA. 69+47.00	1 OF 1	485

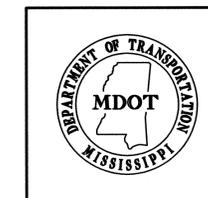
**SPECIAL DESIGN SHEETS
INFORMATION PLANS**

DESCRIPTION OF SHEETS	WORKING NUMBER	SHEET NUMBER
INFORMATION PLANS - PROJECT NO. FAP 70-D	1 OF 1	486

**SPECIAL DESIGN SHEETS
BRIDGE END PAVEMENT DRAWINGS**

DESCRIPTION OF SHEETS	WORKING NUMBER	SHEET NUMBER
BRIDGE END PAVEMENT	BEP-1	487

BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY
8/8/2012	485	QXB



MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
DETAILED INDEX (Bridge)			
PROJECT 102245/302000 BR-2170-00(005)		WORKING NUMBER DI-3	
FORREST COUNTY		SHEET NUMBER 4	
DESIGNED	QXB	DATE	4/11/12
CHECKED	BBT	ISSUED	BKC
TRACED	CADD	DATE	4/11/12

