FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BR-5525-00(005)	1

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX	3
GENERAL NOTES	1
TYPICAL SECTIONS	3
QUANTITIES	13
PLAN AND PROFILES	3
SPECIAL DESIGN – ROADWAY ITEMS	62
BRIDGE DRAWINGS	2
SPECIAL DESIGN – BRIDGES	32
CROSS-SECTIONS	27
TOTAL SHEETS	147

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-5525-00(005)

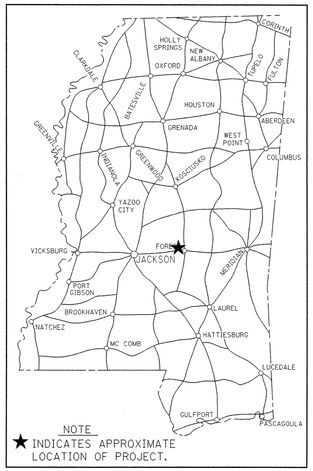
06-02-05

REPLACE (1) BRIDGE ON U.S. 80
RAILROAD BRIDGE AT FOREST
SCOTT COUNTY

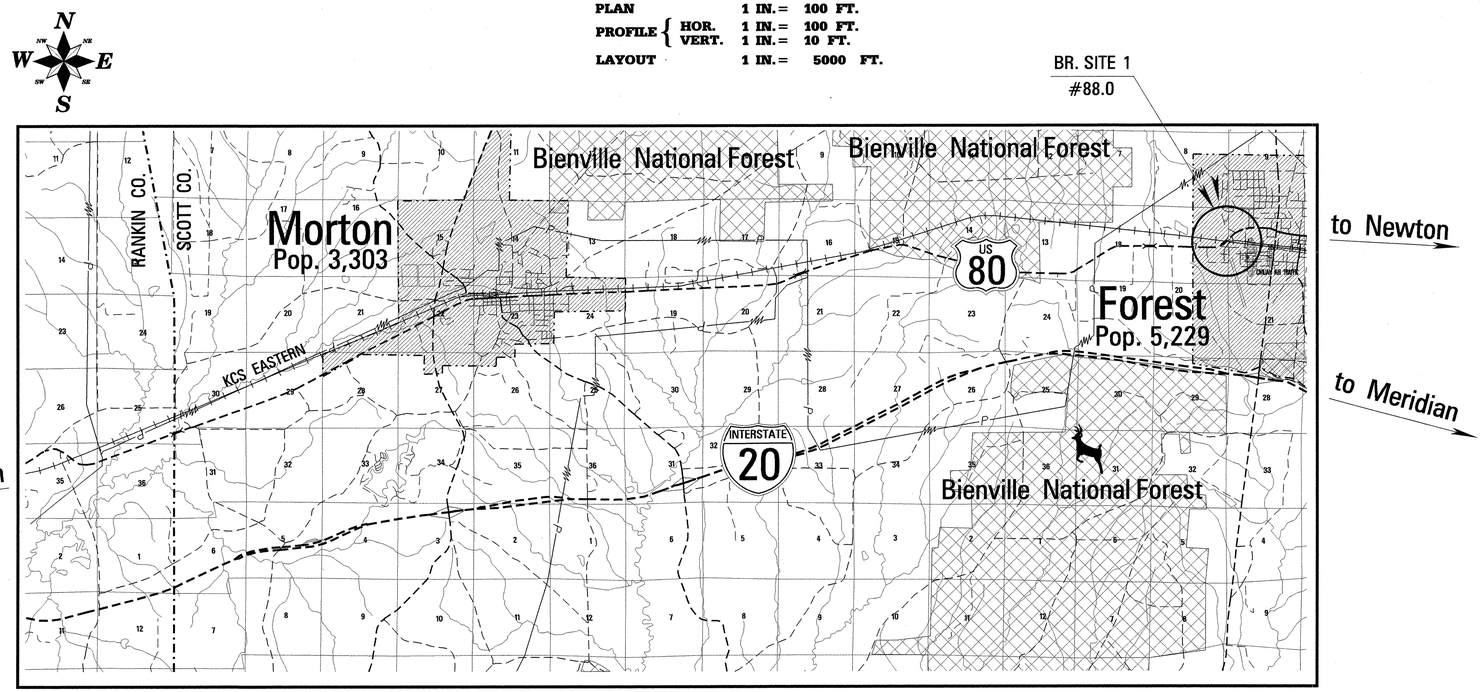
100602/303000

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 5000 FT.



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.



BRIDGE STRUCTURES REQ'D.

SITE 1 BR. # 88.0
STA. 771+50.13 – STA. 774+98.64
SPANS: 1@100', 1@145', 1@100'
SKEW: 45° RT. FWD.

BOX BRIDGE'S REQ'D.
NONE

DESIGN CONTROL
45 MPH = V (SPEED DESIGN)
ADT (2005) = 6600 : ADT (2025) = 8400
DHV = 840 : D = 50 % T = 14 %

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

	WATERS	WETLANDS
NATIONWIDE #14	Y	N
NATIONWIDE (OTHER)*	N	N
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: 6/2/05

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	FT.	MI.
LENGTH OF BRIDGES	FT.	MI.
LENGTH OF PROJECT (NET)		MI.
LENGTH OF EXCEPTIONS	FT.	MI.
LENGTH OF PROJECT (GROSS)		MI.

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APPROVED:
Harry Lee James 6-2-05
CHIEF ENGINEER DATE
Larry Lee Brown 6-2-05
EXECUTIVE DIRECTOR DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:
DIVISION ADMINISTRATOR DATE
FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

REVISIONS BY DATE

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

STATE	PROJECT NO.
MISS.	BR-5525-00(005)

DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS	WORKING NUMBER	SHEET NUMBER
BRIDGE AT STA. 771+50.13		
U.S. 80 OVER K.C.S.RR.	1 OF 32	466
LAYOUT	2 OF 32	467
FOUNDATION PLAN	3 OF 32	468
TOPOGRAPHICAL FOUNDATION PLAN	4 OF 32	469
FORM GRADES	5 OF 32	470
GENERALIZED SOIL PROFILE	6 OF 32	471
END BENT NO. 1 DETAILS	7 OF 32	472
END BENT NO. 1 DETAILS	8 OF 32	473
END BENT NO. 4 DETAILS	9 OF 32	474
END BENT NO. 4 DETAILS	10 OF 32	475
END BENT DETAILS	11 OF 32	476
INT. BENT NO. 2 DETAILS	12 OF 32	477
INT. BENT NO. 3 DETAILS	13 OF 32	478
INT. BENT DETAILS	14 OF 32	479
SPAN DETAILS	15 OF 32	480
SPAN DETAILS	16 OF 32	481
SPAN DETAILS	17 OF 32	482
BEARING ASSEMBLY PLACING PLAN	18 OF 32	483
SPAN DETAILS	19 OF 32	484
SPAN DETAILS	20 OF 32	485
SPAN DETAILS	21 OF 32	486
SPAN DETAILS	22 OF 32	487
SPAN DETAILS	23 OF 32	488
SPAN DETAILS	24 OF 32	489
345 FT. CONT. PLATE GIRDER DETAILS	25 OF 32	490
345 FT. CONT. PLATE GIRDER DETAILS	26 OF 32	491
345 FT. CONT. PLATE GIRDER DETAILS	27 OF 32	492
345 FT. CONT. PLATE GIRDER DETAILS	28 OF 32	493
345 FT. CONT. PLATE GIRDER DETAILS	29 OF 32	494
MISC. SPAN DETAILS	30 OF 32	495
RAILING DETAILS	31 OF 32	496
PRESTRESSED CONCRETE PILE DETAILS	32 OF 32	497

BRIDGE DIVISION		
REVISIONS		
DATE	SHEET NO.	BY

REVISIONS	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX
(BRIDGE)

PROJECT 100602/303000
BR-5525-00(005)

SCOTT COUNTY

WORKING NUMBER DI-3

SHEET NUMBER 4

DATE

DESIGNED HGD DETAILED HGD TRACED CADD
CHECKED JMW ISSUED MKC DATE 2/06/04

1 st O. REV.

STATE	PROJECT NO.
MISS.	BR-5525-00(005)

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX & GENERAL NOTES (4)		
DETAILED INDEX	DI-1	2
DETAILED INDEX	DI-2	3
DETAILED INDEX - BRIDGE	DI-3	4
GENERAL NOTES	GN-1	5
TYPICAL SECTION SHEETS (3)		
TYPICAL SECTION - NEW CONSTRUCTION HWY 80	TS-1	6
TYPICAL SECTION - LOCAL ROADS	TS-2	7
TYPICAL SECTION - CHANNELIZED INTERSECTION	TS-3	8
QUANTITY SHEETS (13)		
SUMMARY OF QUANTITIES	SQ-1	9
SUMMARY OF QUANTITIES	SQ-2	10
SUMMARY OF QUANTITIES	SQ-3	11
SUMMARY OF QUANTITIES	SQ-4	12
SUMMARY OF QUANTITIES - BRIDGE	SQ-5	13
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-1	14
ESTIMATED QUANTITIES - RAMPS, SIDE DRAINS AND GUARD RAIL	EQ-2	15
ESTIMATED QUANTITIES - ESTIMATED EARTHWORK	EQ-3	16
ESTIMATED QUANTITIES - REMOVAL OF PIPES AND BRIDGE END PAVEMENT, BOX CULVERTS	EQ-4	17
ESTIMATED QUANTITIES - FOR TRAFFIC CONTROL SIGNS (SCOTT COUNTY)	EQ-5	18
ESTIMATED QUANTITIES - BRIDGE	EQ-6	19
STANDARD ROADSIDE SIGN QUANTITIES	SRS-1A	20
STANDARD ROADSIDE SIGN QUANTITIES	SRS-2	21
PLAN & PROFILE SHEETS (3)		
MAINLINE HWY. 80	3	22
OLD MORTON ROAD RELOCATION	3A	23
FOUNTAIN ROAD	3B	24
SPECIAL DESIGN SHEETS (32)		
DETAIL OF INTERSECTION - OLD MORTON ROAD	DOI-1	25
DETAIL OF INTERSECTION - LOCAL ROAD STA. 783+69.163	DOI-2	26
TRAFFIC CONTROL PLAN PHASE I - B.O.P. TO STA. 765+00	TC-1	27
TRAFFIC CONTROL PLAN PHASE I	TC-2	28
TRAFFIC CONTROL PLAN PHASE I - STA. 780+00 TO E.O.P.	TC-3	29
TRAFFIC CONTROL PLAN PHASE II - B.O.P. TO STA. 765+00	TC-4	30
TRAFFIC CONTROL PLAN PHASE II - STA. 765+00 TO 780+00	TC-5	31
TRAFFIC CONTROL PLAN PHASE II - STA. 780+00 TO E.O.P.	TC-6	32
PAVEMENT MARKING - LOCAL RD. STA. 19+99.890 AT MAIN LINE STA. 761+06.094	PMD-1	33
PAVEMENT MARKING - FOUNTAIN RD. STA. 10+00 AT LOCAL ROAD STA. 14+95.193	PMD-2	34
PAVEMENT MARKING - MAINLINE STA. 763+50 TO 772+00, STA. 14+00 TO 23+45.00	PMD-3	35
PAVEMENT MARKING - MAINLINE STA. 772+00 TO STA. 788+00 E.O.P.	PMD-4	36
PERMANENT SIGNING DETAIL	PSD-1	37
PERMANENT SIGNING DETAIL	PSD-2	38
PERMANENT SIGNING DETAIL	PSD-3	39
PERMANENT SIGNING PLAN	PSP-1	40
PERMANENT SIGNING PLAN	PSP-2	41

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
SPECIAL DESIGN SHEETS (CONTINUED)			
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 4 FT - SPANS 4-10 FT.		SD-IBS-4-2W	42
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 4 FT - SPANS 4-10 FT.		SD-IBS-4-2WA	43
BASIC CULVERT DRAWING - SINGLE CELL - HEIGHT 4 FT - SPANS 4-10 FT.		SD-IBS-4-2WB	44
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHTS 4-12 FT. - SPANS 4-24 FT.		SD-IWS-3	45
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHTS 4-12 FT. - SPANS 4-24 FT.		SD-IWS-3A	46
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHTS 4-12 FT. - SPANS 4-24 FT.		SD-IWS-3B	47
WINGS WITH 3:1 SLOPE FOR BASIC CULVERT DRAWING - SINGLE CELL - HEIGHTS 4-12 FT. - SPANS 4-24 FT.		SD-IWS-3C	48
VEGETATION SCHEDULE		VS-1	49
MISCELLANEOUS DETAIL SHEET		MDS-1	50
TRAFFIC CONTROL DETAILS - DRUM PLACEMENT AND SHOULDER CLOSURE		TCP-SC	51
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN)		TEC-D	52
GUARD RAIL : BRIDGE END SECTION - TYPE "I" (WOOD POSTS)		GR-2F	53
GUARD RAIL : BRIDGE END SECTION - TYPE "I" (STEEL POSTS)		GR-2G	54
GUARD RAIL : RUB RAIL HARDWARE SHEET		GR-RR	55
RIGHT OF WAY MARKER		RW-1	56
STANDARD DRAWINGS - ROADWAY SHEETS (30)			
BRIDGE END PAVEMENT		BE-1	107
PAVEMENT MARKING DETAILS FOR 2 & 4-LANE DIVIDED ROADWAYS	12-01-99	PM-1	120
PAVEMENT MARKING DETAILS FOR 4 & 5-LANE UNDIVIDED ROADWAYS	12-01-99	PM-2	121
PAVEMENT MARKING LEGEND DETAILS		PM-5	124
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
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 : THRIE BEAM (WOOD POSTS)	03-01-02	GR-1A	181
GUARD RAIL : "W" BEAM (STEEL POSTS)	03-01-02	GR-1B	182
GUARD RAIL : MODIFIED THRIE BEAM (STEEL POSTS)	03-01-02	GR-1C	183
GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY	12-01-99	GR-4A	195

McCOLLUM
FMS# 100602/303000

PS & E PLANS-DATE...6/2/05		
REVISIONS		
DATE	SHEET NO.	BY
7/12/05	9, 10, 11, 12	DMM
7/15/05	11	DMM

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

FMS CONSTR. NO. 100602/301000
100602/302000

PROJECT NO. BR-5525-00(005)
COUNTY : SCOTT

WORKING NUMBER DI-1

SHEET NUMBER 2

FILENAME: DI80.DGN
DESIGN TEAM McCOLLUM CHECKED DATE 6/2/05

REVISION BY DATE

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

STATE	PROJECT NO.
MISS.	BR-5525-00(005)

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
STANDARD DRAWINGS - (CONTINUED)			
GUARD RAIL : MISCELLANEOUS HARDWARE	03-01-02	GR-HW	202
TYPICAL GUARDRAIL 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
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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
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SUPERELEVATION TRANSITION - CASE I (2% NORMAL SUBGRADE)	03-01-02	SE-2A	276
DRIVEWAYS, CURB & GUTTER, & SIDEWALK		SD-1	287
MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT 2. EXCAVATION AT GRADE POINTS		MDS-1	290
DETAIL OF PAVED FLUMES		PF-1	291
PIPE CULVERT INSTALLATION		PI-1	300
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328
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BOX CULVERT DRAWING - BARREL JOINT LOCATIONS - NORMAL & SKEWED CULVERTS GROUP I DIAGRAMS		IBJL-1	366.1
COLLAR DETAILS FOR BOX STRUCTURES		ICJ-1	367
BRIDGE DETAIL SHEETS (32)			466-497
CROSS SECTIONS (27)			
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FOUNTAIN ROAD			914-918
OLD MORTON ROAD			919-927
TOTAL SHEETS			147

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJECT NO. BR-5525-00(005)
COUNTY : SCOTT

WORKING NUMBER DI-2

SHEET NUMBER 3

FILENAME: DI80.DGN

DESIGN TEAM McCOLLUM CHECKED DATE 6/2/05

REVISION BY DATE

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