HDPS-9205-00(002) P.E. MS
100332/1000

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BRDP-9205-00(004)	1

1 st O. REV. 1 st O. REV.

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	13
PLAN AND PROFILES	8
SPECIAL DESIGN – ROADWAY ITEMS	71 △1
BRIDGE DRAWINGS	150 △2
SPECIAL DESIGN – BRIDGES	0
CROSS-SECTIONS	38
TOTAL SHEETS	288 △1 △2

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

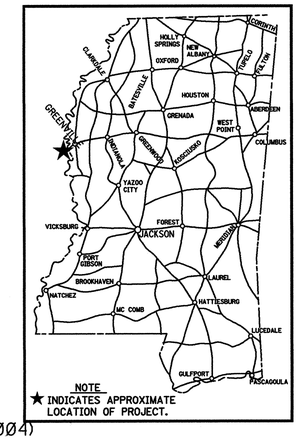
FEDERAL AID PROJ. BRDP-9205-00(004) (MS)

U.S. 82 /MISSISSIPPI RIVER BRIDGE APPROACH
CHICOT COUNTY, ARKANSAS
WASHINGTON COUNTY, MS

FMS 100332/302000 CON

RATIOS / SCALES

PLAN		1:1000
PROFILE	HOR.	1:1000
	VERT.	1:100
LAYOUT		1:2000



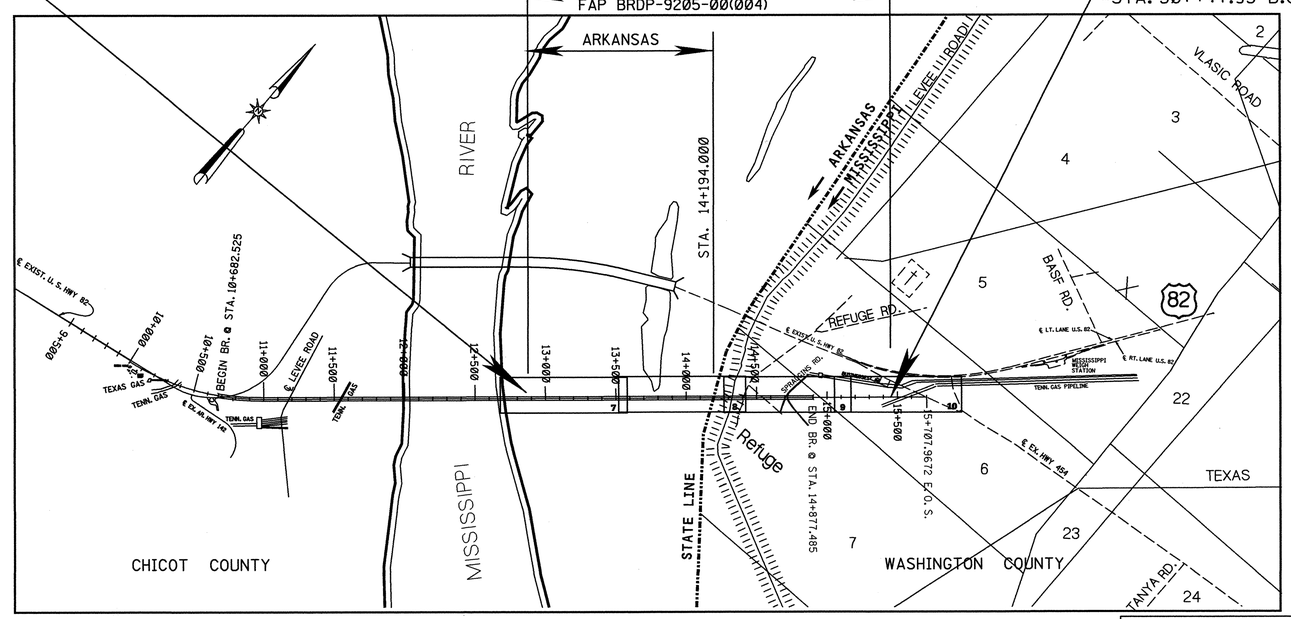
NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

BEG. OF PROJ. STA. 12+885.000

STA. 15+468.000 END OF PROJ BRDP-9205-00(004) =STA. 507+47.93 B.O.P. NH-0011-01(052) △2 △1

MS. PROJECT
FAP BRDP-9205-00(004)

ARKANSAS



BRIDGE STRUCTURES REQ'D.

ARK STA. 12+885.000 TO 14+194.000 = 1309.000
MS STA. 14+194.000 TO 14+877.485 = 683.485

DESIGN CONTROL
110 km/h = V (SPEED DESIGN)
ADT (2001) = 8200 : ADT (2021) = 16,000
DHV = 1600 : D = 55 % T = 15 %

PERMITS ACQUIRED BY MDOT	WATERS	WETLANDS
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):		
NATIONWIDE #14	Y	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	N
INDIVIDUAL (404)*	Y	Y

* 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: 9/23/04

△1 ACCESS CONTROL

NOTES:
1. Access to and exit from this highway will be permitted only through interchange or such other points as may be established by public authority and as shown on the plans.
2. This note applies the following station limits: STA. 14+194.000 to STA. 15+468.000
This project is declared by the Transportation Commission to be a Type "1" Controlled Access Facility, as defined in and subject to all restrictions shown by order of said Commission dated 13th day of February, 2001 in minute book 8, pages 532 and 533, and authorized under section 65-1-10(1) MCA (1972, as amended).

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CONVENTIONAL SYMBOLS

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

LENGTH DATA

	ARKANSAS	MISSISSIPPI	TOTAL
LENGTH OF ROADWAY	0	590.515	590.515 m
LENGTH OF BRIDGES	1309.000	683.485	1992.485 m
LENGTH OF PROJECT (NET)	1309.000	1274.000	2583.000 m
LENGTH OF EXCEPTIONS	0	0	0 m
LENGTH OF PROJECT (GROSS)	1309.000	1274.000	2583.000 m

SEAL:

SUBCONSULTANT
NEEL-SCHAFFER

DATE	REVISIONS	BY
10/15/04	AS NOTED BY △1	AWK
9/23/04	AS NOTED BY △2	AWK

MDOT

DEPARTMENT OF TRANSPORTATION MISSISSIPPI METRIC

APPROVED:
CHIEF ENGINEER — DATE 9/23/04
EXECUTIVE DIRECTOR — DATE 9/23/04
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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

HNTB ARCHITECTS ENGINEERS PLANNERS
Baton Rouge, Louisiana
Kansas City, Missouri

DESIGNED ____ CHECKED ____ ISSUED ____
DETAILED ____ DATE ____ DATE ____

WORKING NUMBER 1
SHEET NUMBER 1

CHICOT COUNTY ARK. WASHINGTON COUNTY MS.

MS

1 st O. REV.

STATE	PROJECT NO.
MISS.	BRDP-9205-00(004)

ROADWAY DESIGN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
METRIC PLAN PROFILE SHEET

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
INDEX SHEETS & GENERAL NOTES (3)		
INDEX SHEET-ROADWAY	DI-1	2
INDEX SHEET-BRIDGE	DI-BR	3
GENERAL NOTES & PUBLIC UTILITIES	GN-1	4
TYPICAL SECTIONS SHEETS (4)		
MAIN FACILITY (14+877.485 BRIDGE ABUT. TO STA. 15+096.923)	TS-1	5
MAIN FACILITY (STA. 15+096.123 TO STA 15+450)	TS-2	6
TEMP. CONN. TO EX. US82 NEAR E.O.P.; ACCESS RD. @ EX. US82 & TEMP. CONN.	TS-3	7
SPECIAL DESIGN BRIDGE END PAVEMENT	TS-4	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	SQ-5	13
SUMMARY OF QUANTITIES-BRIDGE	SQ-BR	14
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES, MEDIAN BARRIERS	EQ-1	15
ESTIMATED QUANTITIES - JUNCTION BOXES, GUARDRAIL, BR. END PAV'T., EARTHWORK	EQ-2	16
ESTIMATED QUANTITIES - PAVEMENT MARKINGS (TEMP. & PERMANENT)	EQ-3	17
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS	TCP-Q	18
DIRECTIONAL SIGN QUANTITIES	DSQ-1	19
STANDARD ROADSIDE SIGN QUANTITIES	SRS-1	20
STANDARD ROADSIDE SIGN QUANTITIES	SRS-2	21
PLAN & PROFILE SHEETS (8)		
MAIN FACILITY - B.O.P. TO STA. 13+500	7	22
MAIN FACILITY - STA. 13+500 TO STA. 14+300	8	23
MAIN FACILITY - STA. 14+300 TO STA. 15+100	9	24
REFUGE ROAD & LEVEE ROAD	9-A	25
MAIN FACILITY - STA. 15+100 TO E.O.P.	10	26
TEMP. CONNECTION TO EXISTING US82	10-A	27
ACCESS RD. @ EXISTING US82 & TEMP. CONNECTION NEAR E.O.P.	10-B	28
DETOUR RD. @ EXISTING U.S. 82	10-C	29
SPECIAL DESIGN SHEETS - ROADWAY ITEMS (26) ⚠		
LEVEE TREATMENT ON MISSISSIPPI SIDE	LEVEE	30
PLAN OF TEMPORARY EROSION CONTROL WITH DETOUR	TEC-PLAN	31
CONSTRUCTION SIGNING DETAILS	CSD-1	32
TRAFFIC CONTROL PLAN - FOR CONSTRUCTION OF TEMP. CONN. TO EXISTING U.S. 82	TCP-15	33
TRAFFIC CONTROL PLAN - FOR CONSTRUCTION OF TEMP. CONN. TO EXISTING U.S. 82	TCP-16	34
LOCATION OF R16-3 SIGNS	R16-3	35
TRAFFIC CONTROL DETAILS (DRUM PLACEMENT AND SHOULDER CLOSURE)	TCP-18	36
FORM GRADES - 14+900 TO 15+100	FG-1	37
FORM GRADES - E.O.P. CONNECTION TO EX. US82	FG-2	38
FORM GRADES - CONNECTION AT EX. US82	FG-3	39
PAVEMENT MARKING DETAILS - STA. 12+883.500 TO STA. 15+110	PMD-1	40
PAVEMENT MARKING DETAILS - STA. 15+110 TO STA 15+475 ℄ CONN. AT E.O.P.	PMD-2	41
PAVEMENT MARKING DETAILS - STA. 15+475 TO 15+675 ℄ CONN. AT E.O.P.	PMD-3	42
PAVEMENT MARKING DETAILS - STA. 9+800 TO STA 10+000 ℄ ACCESS RD. @ E.O.P., STA. 15+675 TO 15+836 ℄ CONN. AT E.O.P.	PMD-4	43
PAVEMENT MARKING DETAILS - ACCESS ROAD AT E.O.P.	PMD-4A	44
PERMANENT SIGNING PLAN	PSP-1	45
PERMANENT SIGNING DETAILS	PSD-1	46
SETTLEMENT PLATE DETAILS	SPD-1	47
EDGE DRAIN DETAIL - CONCRETE APRON AND RODENT SCREEN	MED-1	48
DETAIL OF EDGE DRAINS	MED-2	49
VEGETATION SCHEDULE	VS-1	50
DETAILS OF RUMBLE STRIPS (GROUND - IN)	RS-1	51
⚠ FENCE: BARBED WIRE ON TEE POSTS	BB-1	52
⚠ DETAIL OF CATTLE GUARD (SHEET 1 OF 3)	607-1	53
⚠ DETAIL OF CATTLE GUARD (SHEET 2 OF 3)	607-2	54
⚠ DETAIL OF CATTLE GUARD (SHEET 3 OF 3)	607-3	55

DESCRIPTION OF SHEET		WKG. NO.	SH. NO.
STANDARD ROADWAY DRAWINGS (45) ⚠			
BRIDGE END PAVEMENT		BE-1	107
PAVEMENT MARKING DETAILS FOR 2 - LANE AND 4 - LANE DIVIDED ROAD WAYS	(12-01-99)	PM-1	120
PAVEMENT MARKING DETAILS FOR 4 - LANE AND 5 - LANE UNDIVIDED ROAD WAYS.	(12-01-99)	PM-2	121
PAVEMENT MARKING LEGEND DETAILS		PM-6	125
EROSION CONTROL		EC-1	140
TYPICAL OF TEMPORARY EROSION CONTROL MEASURES (SILT FENCE, HAY BALES & BRUSH BARRIER)		TEC-1	142
TYPICAL OF TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN, TYPE "A" SILT BASIN)		TEC-2	143
DETAILS OF TYPICAL DITCH TREATMENTS		DT-1	145
GUARD RAIL : "W" BEAM (WOOD POSTS)		GR-1	180
GUARD RAIL : THRIE BEAM (WOOD POSTS)		GR-1A	181
GUARD RAIL : "W" BEAM (STEEL POSTS)		GR-1B	182
GUARD RAIL : MODIFIED THRIE BEAM (STEEL POSTS)		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 : TYPE I CABLE ANCHORAGE (FOUNDATION TUBE)		GR-3	192
GUARD RAIL : TYPE I CABLE ANCHORAGE (CONCRETE FOOTING)		GR-3A	193
GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	(12-01-99)	GR-4	194
MEDIAN BARRIER: CONCRETE (PRECAST)		MB-2A	205
INNOVATIVE MEDIAN BARRIER: CONCRETE (CAST IN PLACE) TYPE I (1070 HEIGHT)		MB-3	206
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STANDARD ROADSIDE SIGNS		SN-3A	223
STANDARD ROADSIDE SIGNS		SN-3B	224
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4	225
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4A	226
STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION		SN-4B	227
⚠ TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC)		TCP-1	250
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 75 MPH		TCP-4	253
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 75 MPH		TCP-5	254
4 LANE TO 2 LANE TRANSITION	(12-01-99)	TCP-6	255
SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS		TCP-8	257
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
RIGHT-OF-WAY MARKER		RW-1	270
TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS		GT-1	272
SUPERELEVATION TRANSITION - CASE I (2.0% NORMAL SUBGRADE)		SE-2A	276
MISCELLANEOUS DETAIL SHEET		MDS-1	290
DETAIL OF PAVED FLUMES		PF-1	291
PIPE CULVERT INSTALLATION		PI-1	300
CONCRETE PIPE COLLAR		PC-1	301
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GUTTER INLET FOR TYPE 2 CURB		PA-1	317
FLARED END SECTION FOR CONCRETE PIPE		FE-1	328
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MAINLINE - US82 - STA 14+850 TO STA 15+500			901-907
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REFUGE ROAD			914-916
LEVEE ROAD			917-921
ACCESS ROAD AT EXISTING US82			922-925
DETOUR ROAD AT EXIST. U.S. 82			926-938

TOTAL ROADWAY SHEETS 138 ⚠

NEEL-SCHAFFER

PS & E PLANS-DATE 8/18/04

REVISIONS

	DATE	SHEET NO.	BY
⚠	9/23/04	Revised:1-3,5-7,9-30,33,34,40-46,466,480,483,485,486,492,494,495,498,500,502-504,511,513,515,516,518,519,521,524,534,538-540,542,543,552,554,559,561-564,574,576,580,584,599-601,603,604;ADDED:52-55;DELETED:220,221,228-233,235,236	AWK
	10/15/04	1,3,9,11,14,24,25,26,30,52	AWK

DATE	REVISED SHEET REVISION	BY
9/23/04		AWK

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX

PROJ. NO. BRDP-9205-00(004) (MS)
CHICOT COUNTY, AR
WASHINGTON COUNTY, MS.

FILENAME: 2498\INDEX-MS.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

METRIC

WORKING NUMBER DI-1

SHEET NUMBER 2

MS

STATE	PROJECT NO.
MISS.	BRDP-9205-00(004)

1 st O. REV.

SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS

DESCRIPTION OF SHEETS	WORKING NUMBER	SHEET NUMBER
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FOUNDATION PLAN & ELEVATION (SPANS 52 THRU 64)	8 of 146	473
FOUNDATION PLAN & ELEVATION (SPANS 65 THRU 79)	9 of 146	474
FOUNDATION PLAN & ELEVATION (SPANS 80 THRU 88)	10 of 146	475
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PLAN OF 36.227 m INT. SPANS (SPANS 46, 49, 52, 65, 68, 71, & 74)	51 of 146	516
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SPAN DETAILS (SPANS 79 THRU 83)	55 of 146	520
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PLAN OF 36.0 m INT SPANS (SPANS 80 & 83)	57 of 146	522
SPAN DETAILS (SPANS 84)	58 of 146	523
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BEAM DETAILS (41.826 m INT. SPANS) 1830 mm BULB TEES	64 of 146	529
BEAM DETAILS (36.227 m END SPANS) 1830 mm BULB TEES	65 of 146	530
BEAM DETAILS (36.227 m INT. SPANS) 1830 mm BULB TEES	66 of 146	531
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SPAN 39 DETAILS	73 of 146	538
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PART. FRAMING PLAN - SPAN 39	79 of 146	544
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MISC. STEEL GIRDER SPAN DETAILS	108 of 146	573
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DISC BEARING DEVICE DETAILS	111 of 146	576
SCUPPER DETAILS	112 of 146	577
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EXPANSION JOINT DETAILS	118 of 146	583
EXPANSION JOINT DETAILS	119 of 146	584
EXPANSION JOINT DETAILS AT RAILING	120 of 146	585
EXPANSION JOINT DRAINAGE DETAILS	121 of 146	586
EXPANSION JOINT MISC. DRAINAGE DETAILS	122 of 146	587

SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS

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FINGER EXPANSION JOINT DETAILS - SECTIONS (BENTS 42, 76, & 79)	128 of 146	593
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LIGHTING LAYOUT (STA. 14+000 TO 14+900)	135 of 146	600
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LIGHTING DETAILS	137 of 146	602
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SEAL:

SUBCONSULTANT

NEEL-SCHAFFER

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REVISIONS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
U.S. HIGHWAY 82 ACROSS MISSISSIPPI RIVER

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BRIDGE

PROJECT NO. BRDP-9205-00(004)
WASHINGTON COUNTY, MS

HNTB ARCHITECTS ENGINEERS PLANNERS
Baton Rouge, Louisiana
Kansas City, Missouri

DESIGNED DJH CHECKED CAR ISSUED
DETAILED DJH DATE 7/26/04 DATE

WORKING NUMBER DI-BR

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