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 |
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| 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

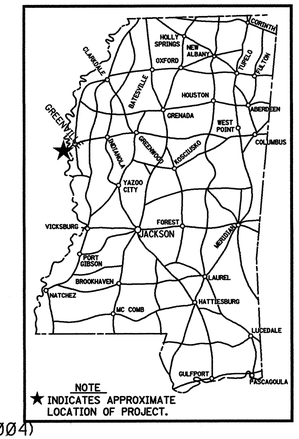
# FEDERAL AID PROJ. BRDP-9205-00(004) (MS)

**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 |



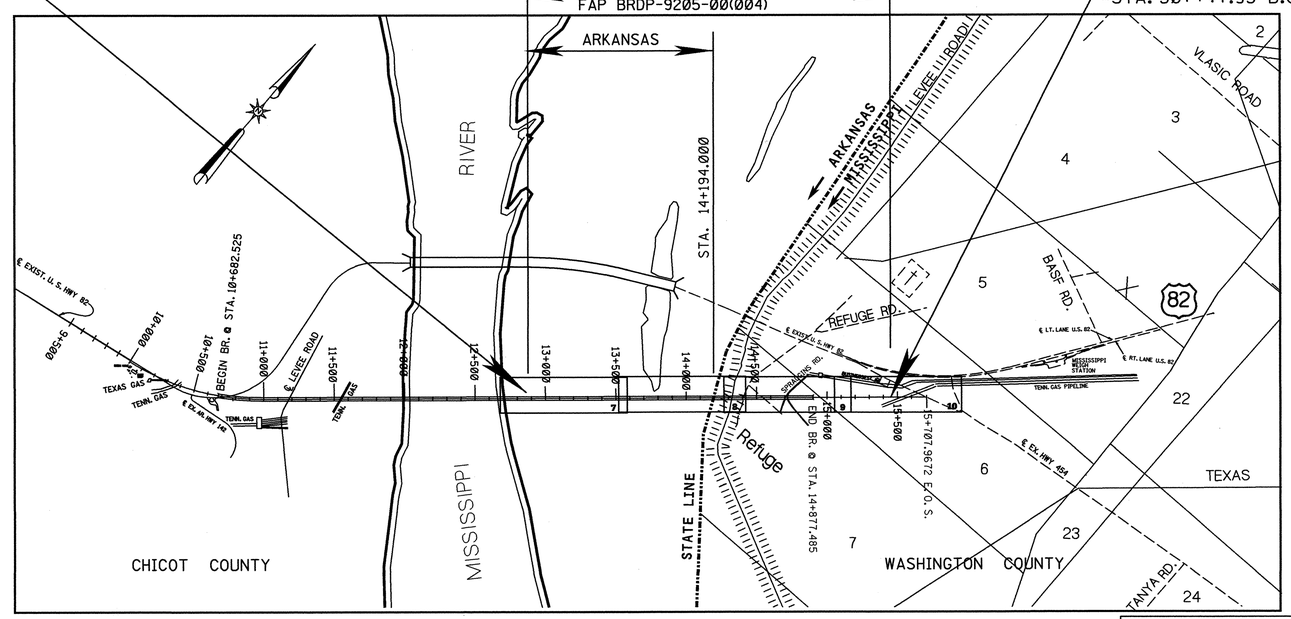

NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

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. |
|---|---|---|
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| INDEX SHEET-BRIDGE | DI-BR | 3 |
| GENERAL NOTES & PUBLIC UTILITIES | GN-1 | 4 |
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| 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) | | |
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| SUMMARY OF QUANTITIES | SQ-2 | 10 |
| SUMMARY OF QUANTITIES | SQ-3 | 11 |
| SUMMARY OF QUANTITIES | SQ-4 | 12 |
| SUMMARY OF QUANTITIES | SQ-5 | 13 |
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| ESTIMATED QUANTITIES - PAVEMENT MARKINGS (TEMP. & PERMANENT) | EQ-3 | 17 |
| ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS | TCP-Q | 18 |
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| STANDARD ROADSIDE SIGN QUANTITIES | SRS-2 | 21 |
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| 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 |
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| LEVEE TREATMENT ON MISSISSIPPI SIDE | LEVEE | 30 |
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| 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 |
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| 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 |

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| STANDARD ROADWAY DRAWINGS (45) ⚠ | | | |
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| 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 |
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| 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 |
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| GUARD RAIL : THRIE BEAM (WOOD POSTS) | | GR-1A | 181 |
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| 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 |
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| TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 75 MPH | | TCP-5 | 254 |
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| TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS | (12-01-99) | TCP-11 | 260 |
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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

ADDENDUM

MS

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

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SEAL:

SUBCONSULTANT

NEEL-SCHAFFER

| DATE | REVISIONS | BY |
|---|---|---|
| 10/15/04 | SHEETS ADDED | DJH |
| 10/15/04 | SHEETS ADDED FOR INFORMATION ONLY | DJH |

MDOT

DEPARTMENT OF TRANSPORTATION METRIC MISSISSIPPI

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

DETAILED INDEX
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

SHEET NUMBER 3

FILE: S:\Projects\2498\SP\2498-08 (MS) Revised\RW Sheets 10-29-04 DJH\2498MNDX.dgn
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