| FED. ROAD REG. NO. | STATE | PROJECT NO. | SHEET NO. |
|---|---|---|---|
| 4 | MISS. | BR–0031–01(018) | 1 |

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR–0031–01(018)

①03-10-09

BRIDGE REPLACEMENT
HWY 305
DESOTO COUNTY

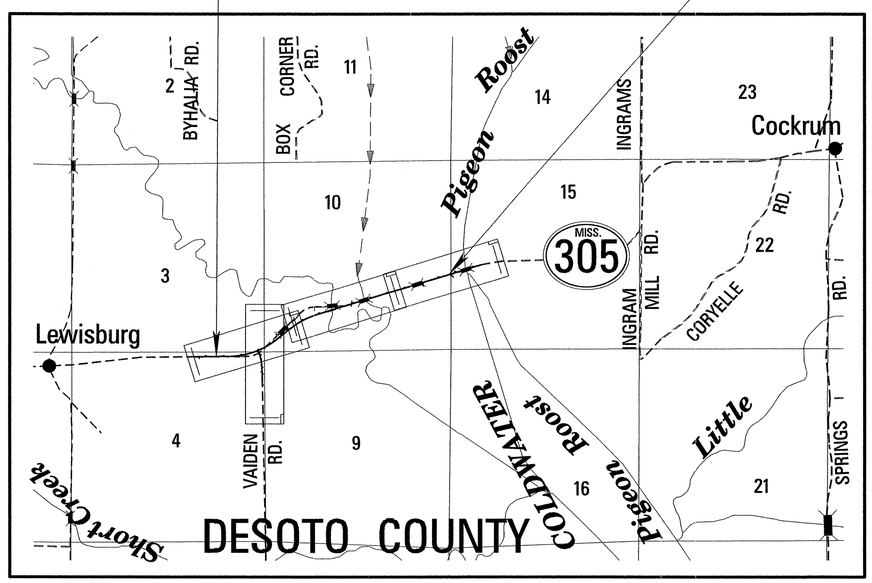
FMS CONST. 103318 /302000

**SCALES**

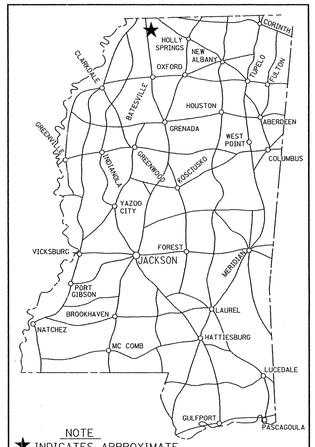
| | | |
|---|---|---|
| PLAN | | 1 IN. = 100 FT. |
| PROFILE | HOR. | 1 IN. = 100 FT. |
| | VERT. | 1 IN. = 10 FT. |
| LAYOUT | | 1 IN. = 2000 FT. |

B.O.P. STA. 438 + 00

E.O.P. STA. 508 + 00




to Olive Branch, hwy US 78




NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34° 50' 45" LONG. 89° 49' 48"
(APPROX. MIDDLE OF PROJECT)

**BRIDGE STRUCTURES REQ'D.**

**BRIDGE # 15.6**
**STA. 461 + 37.21 TO STA. 462 + 58.79**
**SPANS: 3 @ 40'**
**LENGTH = 120 FT.**

**BRIDGE # 15.3**
**STA. 469 + 29.18 TO STA. 474 + 40.82**
**SPANS: 3@40', 80', 110', 80, 3@40'**
**SKEW 15 DEG. LT. FWD.**
**LENGTH = 510 FT.**

**BRIDGE # 15.2**
**STA. 479 + 63.88 TO STA. 481 + 96.13**
**SPANS: 2 @ 50', 1 @ 80', 1 @ 50'**
**LENGTH = 230 FT.**

**BRIDGE # 14.9**
**STA. 498 + 54.21 TO STA. 499 + 75.79**
**SPANS: 3 @ 40'**
**LENGTH = 120 FT.**

**BOX BRIDGES REQ'D.**
**NONE**

**DESIGN CONTROL**

65 MPH = V (SPEED DESIGN)

ADT (2005) = 4100 : ADT (2025) = 9400

DHV = 1000 : D = 60 % 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: 1/8/09

**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 OF ROADWAY | 6020 FT. | 1.140 MI. |
| LENGTH OF BRIDGES | 980 FT. | 0.186 MI. |
| LENGTH OF PROJECT (NET) | 7000 | 1.326 MI. |
| LENGTH OF EXCEPTIONS | FT. | MI. |
| LENGTH OF PROJECT (GROSS) | 7000 | 1.326 MI. |

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REVISIONS: BY / DATE

APPROVED:
CHIEF ENGINEER — DATE 1/8/09
EXECUTIVE DIRECTOR — DATE 1/8/09
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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

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

1 st O. REV.

| STATE | PROJECT NO. |
|---|---|
| MISS. | BR-0031-01(018) |


| DESCRIPTION OF SHEET | WKG. NO. | SH. NO. |
|---|---|---|
| TITLE SHEET (1) | | 1 |
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| DETAILED INDEX | DI-2 | 3 |
| GENERAL NOTES | GN-1 | 4 |
| DETAILED INDEX - BRIDGE | DIB-1 | 5 |
| TYPICAL SECTION SHEETS (4) | | |
| TYPICAL SECTION - NEW CONSTRUCTION HWY 305 | TS-1 | 6 |
| TYPICAL SECTION - WIDENING & OVERLAY HWY 305 | TS-2 | 7 |
| TYPICAL SECTION - CHANNELIZED INTERSECTION VAIDEN ROAD | TS-3 | 8 |
| TYPICAL SECTION - CONSTRUCTION AND REMOVAL OF DETOUR ROAD | TS-4 | 9 |
| QUANTITY SHEETS (13) | | |
| SUMMARY OF QUANTITIES | SQ-1 | 10 |
| SUMMARY OF QUANTITIES | SQ-2 | 11 |
| SUMMARY OF QUANTITIES | SQ-3 | 12 |
| SUMMARY OF QUANTITIES | SQ-4 | 13 |
| SUMMARY OF QUANTITIES - BRIDGE | SQB-5 | 14 |
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| ESTIMATED QUANTITIES | EQ-2 | 16 |
| ESTIMATED QUANTITIES | EQ-3 | 17 |
| ESTIMATED QUANTITIES | EQ-4 | 18 |
| ESTIMATED QUANTITIES | EQ-5 | 19 |
| ESTIMATED QUANTITIES | EQ-6 | 20 |
| ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS | EQ-7 | 21 |
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| VAIDEN ROAD STA.10+00 TO STA.20+00 | 3A | 24 |
| MAINLINE HWY. 305 STA.462+00 TO STA.492+00 | 4 | 25 |
| DETOUR ROAD STA 73+00 TO STA.92+00 | 4A | 26 |
| MAINLINE HWY. 305 STA.492+00 TO E.O.P. | 5 | 27 |
| DETOUR ROAD STA.92+00 TO STA 107+00 | 5A | 28 |
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| TRAFFIC CONTROL PLAN | TC-3 | 32 |
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| TRAFFIC CONTROL PLAN | TC-6 | 35 |
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| TRAFFIC CONTROL PLAN | TC-8 | 37 |
| TRAFFIC CONTROL PLAN | TC-9 | 38 |
| TRAFFIC CONTROL PLAN | TC-10 | 39 |
| TRAFFIC CONTROL PLAN | TC-11 | 40 |
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| TRAFFIC CONTROL PLAN | TC-13 | 42 |
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| TRAFFIC CONTROL PLAN | TC-16 | 45 |
| TRAFFIC CONTROL PLAN | TC-17 | 46 |
| TRAFFIC CONTROL PLAN | TC-18 | 47 |
| TRAFFIC CONTROL PLAN | TC-19 | 48 |
| TRAFFIC CONTROL PLAN | TC-20 | 49 |
| TRAFFIC CONTROL PLAN | TC-21 | 50 |
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| DESCRIPTION OF SHEET | | WKG. NO. | SH. NO. |
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| PAVEMENT MARKING DETAIL | | PMD-2 | 61 |
| PAVEMENT MARKING DETAIL | | PMD-3 | 62 |
| PAVEMENT MARKING DETAIL | | PMD-4 | 63 |
| PAVEMENT MARKING DETAIL | | PMD-5 | 64 |
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| PAVEMENT MARKING DETAIL | | PMD-11 | 70 |
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| GUARD RAIL : RUB RAIL HARDWARE SHEET | | SDGR-RR | 76 |
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| 32" BRIDGE END PAVEMENT RAIL | | BEPR-1 | 78 |
| RIGHT OF WAY MARKERS | | RW-1 | 79 |
| STANDARD DRAWINGS - ROADWAY SHEETS (30) | | | |
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| 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) | 3-01-02 | GR-1 | 180 |
| GUARD RAIL : THRIE BEAM (WOOD POSTS) | 3-01-02 | GR-1A | 181 |
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| GUARD RAIL : THRIE BEAM (STEEL POSTS) | 3-01-02 | GR-1C | 183 |
| GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY | 12-01-99 | GR-4A | 195 |
| GUARD RAIL : TYPICAL INSTALLATION AT BRIDGE APPROACHES DETOUR BRIDGE ENDS | 12-01-99 | TGR-1 | 199 |
| GUARD RAIL : (TEMPORARY): TYPICAL INSTALLATION AT BRIDGE END DURING CONSTRUCTION PHASES | 3-01-02 | TGR-2 | 200 |
| GUARD RAIL : MISCELLANEOUS HARDWARE | 3-01-02 | GR-HW | 202 |


C C LEWIS

| PS & E PLANS-DATE 3-10-09 | | |
|---|---|---|
| FMS CON. # 103318/302000 | | |
| REVISIONS | | |
| DATE | SHEET NO. | BY |
| 05-01-09 | 10-13, 15,16,18,20,57 | CCL |
| | | |
| | | |
| | | |
| | | |

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| DATE | REVISION | BY |
|---|---|---|

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# DETAILED INDEX

**PROJECT NO. BR-0031-01(018)**
**COUNTY : DESOTO**

WORKING NUMBER DI-1

SHEET NUMBER 2

FILENAME: di-1.dgn

DESIGN TEAM C.C. LEWIS CHECKED _____ DATE _____

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

4/30/2009 4:48 PM DI-1.DGN

| STATE | PROJECT NO. |
|---|---|
| MISS. | BR-0031-01(018) |

| DESCRIPTION OF SHEET | | WKG. NO. | SH. NO. |
|---|---|---|---|
| STANDARD DRAWINGS - ROADWAY SHEETS (CONTINUED) | | | |
| TYPICAL GUARD RAIL DELINEATION | 3-01-02 | SN-8C | 236 |
| TRAFFIC CONTROL PLAN WITH FLAGGER (ONE-LANE OF TWO WAY TRAFFIC) | | TCP-1 | 250 |
| SHORT DURATION CLOSING OF TWO-LANE TWO-WAY HIGHWAYS | | TCP-8 | 257 |
| 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 | | TCP-15 | 264 |
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| TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS | | GT-1 | 272 |
| SIGHT FLARES | 12-01-99 | SF-1 | 273 |
| SPUR DIKE : EARTH | 12-01-99 | ED-1 | 274 |
| SUPERELEVATION TRANSITION - CASE I (2.0% NORMAL SUBGRADE) | 3-01-02 | SE-2A | 276 |
| MISCELLANEOUS DETAIL SHEET 1. STACKED PIPE JOINT 2. EXCAVATION AT GRADE POINTS | | MDS-1 | 290 |
| DETAILS OF PAVED FLUMES | | PF-1 | 291 |
| PIPE CULVERT INSTALLATION | | PI-1 | 300 |
| FLARED END SECTION FOR CONCRETE PIPE | | FE-1 | 328 |

| DESCRIPTION OF SHEET | WKG. NO. | SH. NO. |
|---|---|---|
| CROSS SECTIONS ( 21 ) | | |
| MAIN FACILITY - STA. 438+00 TO STA. 508+00 & DETOUR ROAD STA. 75+00 TO STA. 107+00 | | 901-919 |
| VAIDEN ROAD - RT. STA. 449+88.69 ℄ SURVEY | | 920-921 |
| TOTAL SHEETS ( 130 ) | | |

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# DETAILED INDEX

**PROJECT NO. BR-0031-01(018)**
**COUNTY : DESOTO**

WORKING NUMBER DI-2

SHEET NUMBER 3

FILENAME: di-1.dgn

DESIGN TEAM C.C. LEWIS CHECKED _____ DATE _____

REVISION | BY | DATE

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

3/9/2009 8:31 AM DI-1.DGN

| STATE | PROJECT NO. |
|---|---|
| MISS. | BR-0031-01(018) |

# GENERAL NOTES

## PUBLIC UTILITIES:

1. MS VALLEY GAS, SOUTHAVEN
   CENTURY TELEPHONE
   CITY OF OLIVE BRANCH, GAS
   ENTERGY
   NORTHEAST POWER ASSC.
   LEWISBURG WATER ASSC.

2. THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.

3. A SOIL PROFILE HAS BEEN PREPARED FOR THIS PROJECT USING SAMPLES TAKEN FROM HOLES AT THE LOCATIONS INDICATED IN THE TEST REPORTS. THIS SOIL PROFILE IS ON FILE IN THE DISTRICT AND CENTRAL CONSTRUCTION OFFICES AND IS AVAILABLE FOR EXAMINATION. THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS AS SHOWN IN THE REPORTS ARE NECESSARILY TO BE FOUND OUTSIDE THE TEST HOLES.

4. 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.

5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS PIPES, INLETS, APRONS, BRIDGES, ETC., FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. EXTREME CARE SHALL BE EXERCISED IN UNDERCUT AREAS AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL REPLACE OR REPAIR, AS DIRECTED BY THE ENGINEER, ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.

6. EROSION CHECKS: QUANTITY ESTIMATED ON THE BASIS OF 4 BALES PER EVERY 25 TO 100 LIN. FT. OF DITCH AND 4 BALES AT EACH PIPE OUTLET. THIS IS REQUIRED AS A TEMPORARY EROSION CONTROL MEASURE TO MINIMIZE SILTATION UNTIL PERMANENT MEASURES ARE INSTALLED. THE ENGINEER WILL DETERMINE THE ACTUAL LOCATION AND NUMBER OF BALES DURING THE CONSTRUCTION OF THE PROJECT. (SEE WK. NO. TEC-1 FOR DETAILS.)

7. THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SILT DOES NOT LEAVE THE RIGHT OF WAY OR CONTAMINATE WATERS OF THE U.S. DURING CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN PRIOR TO COMMENCEMENT OF WORK AND MAINTAIN THE PLAN DURING CONSTRUCTION.

8. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

9. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CAN NOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO HAVE UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.

GENERAL NOTES

10. WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING THE EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE WHAT BRACING, SHORING OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION, THE PUBLIC THAT MAY BE ABOVE THE STRUCTURE ADJACENT TO THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES, INCLUDING THE EXCAVATION OR ANY MATERIALS AND LABOR FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY, SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.

11. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.

12. THE LOCATION OF THE DETOUR BRIDGE IS APPROXIMATE AND MAY BE ADJUSTED BY PROJECT ENGINEER TO FIT FIELD CONDITIONS.

13. PRIOR TO POURING PAVED ISLANDS, THE TRAFFIC ENGINEERING DIVISION SHALL BE NOTIFIED SO THAT SIGNS REQUIRED IN ISLANDS CAN BE LOCATED.

14. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.

15. ACCESS TO ALL PRIVATE DRIVES SHALL REMAIN OPEN AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE ENGINEER. WHEN DRIVEWAYS ARE REQUIRED TO MAINTAIN CONTINUOUS SERVICE, TEMPORARY DRIVEWAYS SHALL BE CONSTRUCTED WITH GRANULAR MATERIAL (CRUSHED STONE) AS DIRECTED BY THE ENGINEER. THE COST OF TEMPORARY DRIVEWAY REMOVAL WILL NOT BE MEASURED AND PAID FOR SEPARATELY BUT WILL BE CONSIDERED SUBSIDAIRY TO THE CONTRACT.

| REVISION | BY | DATE |
|---|---|---|
| | | |

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES**

PROJ. NO. BR-0031-01(018)
DESOTO COUNTY

WORKING NUMBER: GN-1
SHEET NUMBER: 4

FILENAME:
DESIGN TEAM C.C. LEWIS CHECKED _____ DATE _____

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
3/9/2009 3:48 PM GN-1.DGN

| STATE | PROJECT NO. |
|---|---|
| MISS. | BR-0031-01(018) |

| DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS BRIDGE DRAWING | WORKING NUMBER | SHEET NUMBER |
|---|---|---|
| BRIDGE AT STA. 461+37.21 S.R. 305 ACROSS COLDWATER RIVER RELIEF | A1 OF 15 | 466 |
| BRIDGE AT STA. 461+37.21 S.R. 305 ACROSS COLDWATER RIVER RELIEF | A2 OF 15 | 467 |
| GENERALIZED SOIL PROFILE | A3 OF 15 | 468 |
| FORM GRADES - SUPERELEVATION TRANSITION DIAGRAM | A4 OF 15 | 469 |
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| END BENT NO. 4 DETAILS | A6 OF 15 | 471 |
| END BENT DETAILS | A7 OF 15 | 472 |
| INT. BENTS NO. 2 & 3 DETAILS | A8 OF 15 | 473 |
| 40 FT. SPANS NO. 1 & 3 DETAILS | A9 OF 15 | 474 |
| 40 FT. SPAN NO. 2 DETAILS | A10 OF 15 | 475 |
| 40 FT. SPAN DETAILS | A11 OF 15 | 476 |
| MISCELLANEOUS SPAN DETAILS | A12 OF 15 | 477 |
| RAILING DETAILS | A13 OF 15 | 478 |
| 40 FT. BEAM DETAILS (END & INT. SPANS) - BEAMS 40-1 THRU 40-6 - (TYPE I+2) | A14 OF 15 | 479 |
| PRESTRESSED CONCRETE PILES DETAILS | A15 OF 15 | 480 |
| BRIDGE AT STA. 469+29.18 S.R. 305 ACROSS COLDWATER RIVER | B1 OF 27 | 481 |
| BRIDGE AT STA. 469+29.18 S.R. 305 ACROSS COLDWATER RIVER | B2 OF 27 | 482 |
| GENERALIZED SOIL PROFILE | B3 OF 27 | 483 |
| FORM GRADES - SUPERELEVATION TRANSITION DIAGRAM | B4 OF 27 | 484 |
| END BENT NO. 1 DETAILS | B5 OF 27 | 485 |
| END BENT NO. 10 DETAILS | B6 OF 27 | 486 |
| END BENT DETAILS | B7 OF 27 | 487 |
| INT. BENTS NO. 2 DETAILS | B8 OF 27 | 488 |
| INT. BENTS NO. 3 DETAILS | B9 OF 27 | 489 |
| INT. BENTS NO. 4 DETAILS | B10 OF 27 | 490 |
| INT. BENTS NO. 5 DETAILS | B11 OF 27 | 491 |
| INT. BENTS NO. 6 DETAILS | B12 OF 27 | 492 |
| INT. BENTS NO. 5 & 6 DETAILS | B13 OF 27 | 493 |
| INT. BENTS NO. 7 DETAILS | B14 OF 27 | 494 |
| INT. BENTS NO. 8 & 9 DETAILS | B15 OF 27 | 495 |
| 40 FT. SPANS NO. 1 THRU 3 & 7 THRU 9 DETAILS | B16 OF 27 | 496 |
| 40 FT. SPAN DETAILS | B17 OF 27 | 497 |
| 80 FT. SPAN NO. 4 & 6 DETAILS | B18 OF 27 | 498 |
| 80 FT. SPAN DETAILS | B19 OF 27 | 499 |
| 110 FT. SPAN NO. 5 DETAILS | B20 OF 27 | 500 |
| 110 FT. SPAN DETAILS | B21 OF 27 | 501 |
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| 40 FT. BEAM DETAILS (END SPANS) - BEAM 40-1 - (TYPE I+2) | B23 OF 27 | 503 |
| 40 FT. BEAM DETAILS (INT. SPANS) - BEAM 40-2 - (TYPE I+2) | B24 OF 27 | 504 |
| 80 FT. BEAM DETAILS (INT. SPAN) - BEAMS 80-1 THRU 80-6 - (TYPE III) | B25 OF 27 | 505 |
| 110 FT. BEAM DETAILS (INT. SPAN) - BEAMS 110-1 THRU 110-7 - (TYPE IV) | B26 OF 27 | 506 |
| TRIAL AND TEST SHAFT DETAILS | B27 OF 27 | 507 |

| DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS BRIDGE DRAWING | WORKING NUMBER | SHEET NUMBER |
|---|---|---|
| BRIDGE AT STA. 479+63.88 S.R. 305 ACROSS COLDWATER RIVER RELIEF | C1 OF 18 | 508 |
| BRIDGE AT STA. 479+63.88 S.R. 305 ACROSS COLDWATER RIVER RELIEF | C2 OF 18 | 509 |
| GENERALIZED SOIL PROFILE | C3 OF 18 | 510 |
| END BENT NO. 1 DETAILS | C4 OF 18 | 511 |
| END BENT NO. 5 DETAILS | C5 OF 18 | 512 |
| END BENT DETAILS | C6 OF 18 | 513 |
| INT. BENT NO. 2 DETAILS | C7 OF 18 | 514 |
| INT. BENTS NO. 3 & 4 DETAILS | C8 OF 18 | 515 |
| 50 FT. SPANS NO. 1 & 2 DETAILS | C9 OF 18 | 516 |
| 50 FT. SPAN DETAILS | C10 OF 18 | 517 |
| 80 FT. SPAN NO. 3 DETAILS | C11 OF 18 | 518 |
| 80 FT. SPAN DETAILS | C12 OF 18 | 519 |
| 50 FT. SPAN NO. 4 DETAILS | C13 OF 18 | 520 |
| 50 FT. SPAN DETAILS | C14 OF 18 | 521 |
| MISCELLANEOUS SPAN DETAILS | C15 OF 18 | 522 |
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| BRIDGE DIVISION REVISIONS | | |
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| DATE | SHEET NO. | BY |
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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX
(BRIDGE)

PROJECT 103318/302000
BR-0031-01(018)

DESOTO COUNTY

WORKING NUMBER DIB - 1

SHEET NUMBER 5

DESIGNED JBR DETAILED JBR TRACED CADD
CHECKED KLC ISSUED MKC DATE 1/16/09

REVISIONS DATE BY