| FED. ROAD REG. NO. | STATE | PROJECT NO. | SHEET NO. |
|---|---|---|---|
| 4 | MISS. | BR–0024–03(014) | 1 |

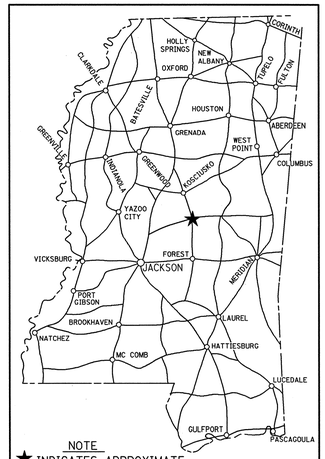
STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR–0024–03(014)

## S.R. 16 BRIDGE REPLACEMENT BETWEEN MADISON COUNTY LINE AND S.R. 25 LEAKE COUNTY

FMS CONST. 100490/302000




NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

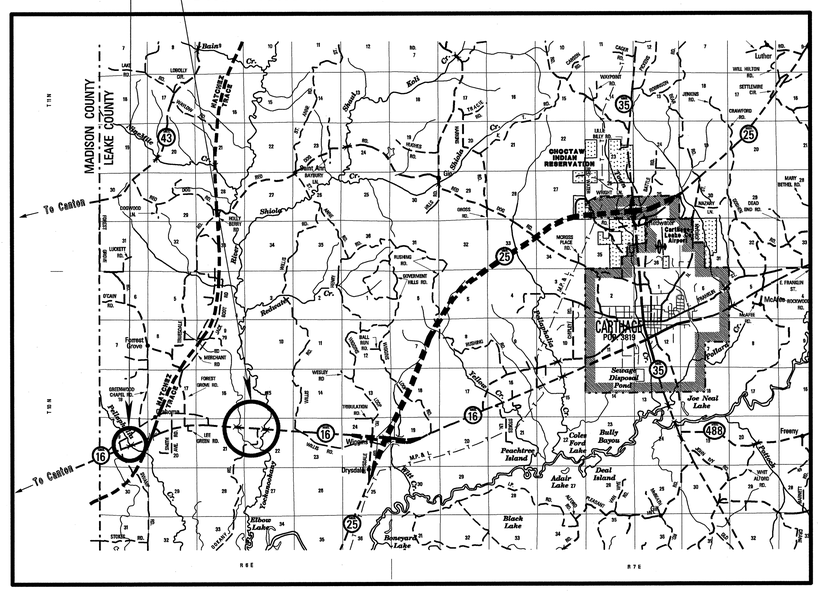
LAT. 32°42′ N LONG. 89°40′ W
(APPROX. MIDDLE OF PROJECT)

**SCALES**

| | | |
|---|---|---|
| PLAN | | 1 IN. = 100 FT. |
| PROFILE | HOR. | 1 IN. = 100 FT. |
| | VERT. | 1 IN. = 10 FT. |
| LAYOUT | | 1 IN. = 8000 FT. |

SITE 1
BR# 98.7

SITE 2
BR# 101.0 & 101.5




N

## BRIDGE STRUCTURES REQ'D.

(1) STA. 1086 + 89.13 TO STA. 1089 + 70.87
SPAN ARR. (7 @ 40′)
25° RIGHT FORWARD SKEW
281.74′ ALONG ℄
BRIDGE #98.7

(2) STA 1206 + 47.21 TO STA.1208 + 88.79
SPAN ARR. (6 @ 40′)
241.58′ ALONG ℄
BRIDGE #101.0

(3) STA. 1232 + 89.21 TO STA.1239 + 60.79
SPAN ARR. (5 @ 40′, 2 @ 80′, 1 @110′, 1 @ 80′, 3 @ 40′)
671.58′ ALONG ℄
BRIDGE #101.5

**DESIGN CONTROL**

65 MPH = V (SPEED DESIGN)

ADT (2010) = 3700 : ADT (2020) = 4300

DHV = 490 : D = 60 % T= 17 %

**PERMITS ACQUIRED BY MDOT**

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

| | WATERS | WETLANDS |
|---|---|---|
| NATIONWIDE #14 | Y | N |
| NATIONWIDE (OTHER)* | N | 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: [signature] DATE: 11/12/10

## CONVENTIONAL SYMBOLS

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

## EQUATIONS

## EXCEPTIONS

## LENGTH DATA SITE 1

| | | |
|---|---|---|
| LENGTH OF ROADWAY SITE 1 | 1718.26 FT. | 0.325 MI. |
| LENGTH OF BRIDGES SITE 1 | 281.74 FT. | 0.053 MI. |
| LENGTH OF PROJECT (NET) | | 0.378 MI. |
| LENGTH OF EXCEPTIONS | FT. | MI. |
| LENGTH OF PROJECT (GROSS) | | 0.378 MI. |

## LENGTH DATA SITE 2

| | | |
|---|---|---|
| LENGTH OF ROADWAY SITE 2 | 4286.84 FT. | 0.812 MI. |
| LENGTH OF BRIDGES SITE 2 | 913.16 FT. | 0.173 MI. |
| LENGTH OF PROJECT (NET) | | 0.985 MI. |
| LENGTH OF EXCEPTIONS | FT. | MI. |
| LENGTH OF PROJECT (GROSS) | | 0.985 MI. |

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| REVISIONS | BY | DATE |
|---|---|---|
| | | |

APPROVED: [signature] 11/12/10
CHIEF ENGINEER DATE

[signature] 11/12/10
EXECUTIVE DIRECTOR DATE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

11/12/2010 9:54 AM LAYOUT1.DGN

ADDENDUM

| STATE | PROJECT NO. |
|---|---|
| MISS. | BR-0024-03(014) |

| 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 | 2.1 |
| GENERAL NOTES | GN-1 | 3 |
| DETAILED INDEX (BRIDGE) | DI-BR | 4 |
| TYPICAL SECTION SHEETS (4) | | |
| TYPICAL SECTION - MAIN FACILITY (WIDENING AND OVERLAY) | TS-1 | 5 |
| TYPICAL SECTION - MAIN FACILITY (RECONSTRUCTION) | TS-2 | 6 |
| TYPICAL SECTION - CONSTRUCT AND REMOVAL DETOUR RD. SITE 1 | TS-3 | 7 |
| TYPICAL SECTION - CONSTRUCT AND REMOVAL OF DETOUR RD. SITE 2 | TS-4 | 8 |
| QUANTITY SHEETS (10) | | |
| SUMMARY OF QUANTITIES | SQS-1 | 9 |
| SUMMARY OF QUANTITIES | SQS-2 | 10 |
| SUMMARY OF QUANTITIES | SQS-3 | 11 |
| SUMMARY OF QUANTITIES (BRIDGE) | SQ-BR | 12 |
| ESTIMATED QUANTITIES | EQ-1 | 13 |
| ESTIMATED QUANTITIES | EQ-2 | 14 |
| ESTIMATED QUANTITIES | EQ-3 | 15 |
| ESTIMATED QUANTITIES | EQ-4 | 16 |
| ESTIMATED QUANTITIES (BRIDGE) | EQ-BR | 17 |
| ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS | TCP-Q | 18 |
| PLAN & PROFILE SHEETS (6) | | |
| MAIN FACILITY - SITE 1 - STA. 1076+00 TO STA.1096+00 | 3 | 19 |
| DETOUR ROAD - SITE 1 - STA. 76+00 TO STA.96+12.748 | 3A | 20 |
| MAIN FACILITY - SITE 2 - 1195+00 TO STA.1226+00 | 4 | 21 |
| DETOUR ROAD - SITE 2 - STA.96+00 TO STA.125+00 | 4A | 22 |
| MAIN FACILITY - SITE 2 - STA.1226+00 TO 1247+00 | 5 | 23 |
| DETOUR ROAD - SITE 2 - STA. 125+00 TO STA.147+00 | 5A | 24 |

| DESCRIPTION OF SHEET | WKG. NO. | SH. NO. |
|---|---|---|
| SPECIAL DESIGN SHEETS - ROADWAY DRAWINGS (32) | | |
| LOCATION OF R16-3 SIGNS | R16-3 | 25 |
| TRAFFIC CONTROL PLAN - SITE 1 PELLAPHALIA CREEK | TC-1 | 26 |
| TRAFFIC CONTROL PLAN - SITE 2 YOCKANOOKANY RIVER | TC-2 | 27 |
| VEGETATION SCHEDULE | VS-1 | 28 |
| MISCELLANEOUS DETAIL | MDS-1 | 29 |
| BRIDGE END PAVEMENT WITH RAIL AND OVERLAY | BE-1C | 30 |
| 33.5" BRIDGE END PAVEMENT RAIL | BE-PR-1B | 31 |
| GUARDRAIL : RUB RAIL HARDWARE SHEET | GR-RR | 32 |
| BRIDGE END SECTION TYPE "I" (WOOD POSTS). | GR-2F | 33 |
| BRIDGE END SECTION TYPE "I" (STEEL POSTS). | GR-2G | 34 |
| GUARDRAIL (TEMPORARY): TPICAL INSTALLATION AT DETOUR BRIDGE ENDS | TGR-1 | 35 |
| RIGHT-OF-WAY MARKER | RW-1 | 36 |
| SUPERELEVATION CASE I ROTATION CENTERLINE (2% NORMAL SUBGRADE) | SDSE-2A | 37 |
| RIGHT OF WAY MARKERS COORDINATES | ROWMC-1 | 38 |
| EROSION CONTROL SHEET SITE 1 - PELLAPHALIA CREEK | ECP3 | 39 |
| EROSION CONTROL SHEET SITE 1 DETOUR RD. PELLAPHALIA CREEK | ECP3A | 40 |
| EROSION CONTROL SHEET SITE 2 RELIEF | ECP4 | 41 |
| EROSION CONTROL SHEET SITE 2 DETOUR RD. | ECP4A | 42 |
| EROSION CONTROL SHEET SITE 2 - YOCKANOOKANY RIVER | ECP5 | 43 |
| EROSION CONTROL SHEET SITE 2 - YOCKANOOKANY RIVER DETOUR RD | ECP5A | 44 |
| SPECIAL DESIGN EROSION CONTROL SHEETS ECD-1 TO ECD-20. | ECD-1 TO ECD-20 | 45 TO 64 |
| TYPICAL TEMPORARY EROSOIN CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN) | TEC-2 | 65 |
| EROSION CONTROL MEASURES : TYPE "C1" | TEC-C1 | 65.1 |
| EROSION CONTROL MEASURES : TYPE "C2 | TEC-C2 | 65.2 |

FMS 100490/302000
SMITH

PS & E PLANS-DATE 11-15-2010

REVISIONS

| DATE | SHEET NO. | BY |
|---|---|---|
| 11-18-10 | 9 & 11 | D.S. |
| 12-10-10 | 9,10,11 & 13 | D.S. |
| 12-14-10 | 7,8,11,20,22,24 | D.S. |
| 2-09-11 | 9,10 & 13 | D.S. |

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# DETAILED INDEX

PROJECT NO.:BR-0024-03(014)
LEAKE COUNTY

WORKING NUMBER DI-1

SHEET NUMBER 2

FILENAME: 302-16\DETAIL INDEX\DI.DGN

DESIGN TEAM _____ CHECKED _____ DATE _____

REVISION | BY | DATE

| STATE | PROJECT NO. |
|---|---|
| MISS. | BR-0024-03(014) |

| DESCRIPTION OF SHEET | | WKG. NO. | SH. NO. |
|---|---|---|---|
| STANDARD DRAWINGS - ROADWAY SHEETS (23) | REVISION DATE | | |
| PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS | (12-01-99) | PM-1 | 120 |
| EROSION CONTROL | | EC-1 | 140 |
| 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 |
| GUARD RAIL : MISCELLANEOUS HARDWARE | (03-01-02) | GR-HW | 202 |
| TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS | | SN-8 | 233 |
| TYPICAL GUARD RAIL DELINEATION | (03-01-02) | SN-8C | 236 |
| TRAFFIC CONTROL PLAN (ONE-LANE CLOSURE OF TWO-WAY TRAFFIC) | | TCP-1 | 250 |
| HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS | | TCP-10 | 259 |
| TRAFFIC CONTROL PLAN MOBILE OPERATIONS | (12-01-99) | TCP-11 | 260 |
| 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 |
| RURAL DRIVEWAYS | | RD-1 | 271 |
| TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS | | GT-1 | 272 |
| DRIVEWAYS, CURB & GUTTER, & SIDEWALK | | SD-1 | 287 |
| 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 |
| DETAILS OF NORMAL UNDERDRAIN AND STORM DRAIN USED AS UNDERDRAIN | | UD-1 | 331 |
| SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS (69) | | | 466-534 |
| CROSS SECTIONS (64) | | | |
| SITE 1 - DETOUR RD. PELLAPHALIA CREEK | | | 901-908 |
| SITE 1 - MAINLINE S.R. 16 PELLAPHALIA CREEK | | | 909-917 |
| SITE 2 - MAINLINE SITE 2 S.R. 16 YOCKANOOKANY RIVER | | | 918-943 |
| SITE 2 - DETOUR RD. YOCKANOOKANY RIVER | | | 944-964 |
| TOTAL SHEETS (213) | | | |

| DESCRIPTION OF SHEET | | WKG. NO. | SH. NO. |
|---|---|---|---|



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# DETAILED INDEX

PROJECT NO.:BR-0024-03(014)
LEAKE COUNTY

WORKING NUMBER DI-2

FILENAME: 302-16\DETAIL INDEX\DI.DGN

DESIGN TEAM_____ CHECKED_____ DATE 4-14-98

SHEET NUMBER 2.1

REVISION | BY | DATE

| STATE | PROJECT NO. |
|---|---|
| MISS. | BR-0024-03(014) |

# GENERAL NOTES

1. 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 SHOULD 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.
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 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. EXISTING UNDERGROUND UTILITY LINES ARE SHOWN ON THE DRAWINGS BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. THE ENGINEER CANNOT AND DOES NOT WARRANT THAT THIS INFORMATION IS COMPLETE OR ACCURATE. THE CONTRACTOR MUST COORDINATE DIRECTLY WITH THE INVOLVED UTILITY OWNERS TO GET UNDERGROUND UTILITY LINES FIELD LOCATED IN ADVANCE OF CONSTRUCTION.
6. VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC., SHALL BE BACK FILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
7. ALL ITEMS THAT CONFLICT WITH REQUIRED CONSTRUCTION, FOR WHICH NO PAY ITEM IS SHOWN, SHALL BE REMOVED AS CLEARING AND GRUBBING.
8. FOR LIST OF PUBLIC UTILITIES SEE WORKING NUMBER 3.
9. ALL EXISTING CULVERT PIPES OR OTHER OBSTRUCTIONS THAT CONFLICT WITH REQUIRED CONSTRUCTION SHALL BE REMOVED AT THE CONTRACTOR'S EXPENSE AS AN ABSORBED ITEM. EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE SHALL BE PLUGGED ON EACH END WITH CONCRETE. (ABSORBED ITEM)
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 IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT THE PERSONS WORKING NEAR THE EXCAVATION OR ANY STRUCTURE ADJACENT TO THE EXCAVATION. ALL COSTS FOR ANY PROTECTIVE MEASURES, INCLUDING THE MATERIALS AND LABOR FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE FOR CONTRACT ITEMS.
11. FLORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
12. WIRE FENCE WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. TEC-1)
13. RELOCATION OF EXISTING SIGNS WILL BE NECESSARY IN CERTAIN AREAS ON THIS PROJECT, THE COST OF WHICH IS TO BE INCLUDED IN OTHER ITEMS BID.
14. SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS BEYOND THE B.O.P. AND E.O.P. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS SHOWN ON THE PLANS.
15. SEE CROSS SECTIONS FOR DETAILS.
16. WHERE MILLING OF THE ROADWAY LANES IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TP PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE. (ABSORBED ITEM)

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

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES**

PROJECT NO.:BR-0024-03(014)
LEAKE COUNTY

WORKING NUMBER GN-1

SHEET NUMBER 3

FILENAME: di.dgn
DESIGN TEAM Williams CHECKED _____ DATE 4-14-98

ADDENDUM

| STATE | PROJECT NO. |
|---|---|
| MISS. | BR-0024-03(014) |

## DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS

### BRIDGE AT STA. 1086+89.13

| DESCRIPTION OF SHEETS | WORKING NUMBER | SHEET NUMBER |
|---|---|---|
| SR 16 ACROSS PELLAPHALIA CREEK (Bridge 98.7) | A 1 OF 19 | 466 |
| GENERALIZED SOIL PROFILE | A 2 OF 19 | 467 |
| END BENT NO. 1 DETAILS | A 3 OF 19 | 468 |
| END BENT NO. 8 DETAILS | A 4 OF 19 | 469 |
| END BENT DETAILS | A 5 OF 19 | 470 |
| INT. BENTs 2, 3 ,4, 6 & 7 DETAILS | A 6 OF 19 | 471 |
| INT. BENT 5 DETAILS | A 7 OF 19 | 472 |
| 40 FT. SPAN NO. 1 ,2 & 3 DETAILS | A 8 OF 19 | 473 |
| 40 FT. SPAN NO. 1 ,2 & 3 DETAILS | A 9 OF 19 | 474 |
| 40 FT. SPAN NO. 4 & 5 DETAILS | A10 OF 19 | 475 |
| 40 FT. SPAN NO. 4 & 5 DETAILS | A11 OF 19 | 476 |
| 40 FT. SPAN NO. 6 & 7 DETAILS | A12 OF 19 | 477 |
| 40 FT. SPAN NO. 6 & 7 DETAILS | A13 OF 19 | 478 |
| 40 FT. SPAN DETAILS | A14 OF 19 | 479 |
| MISCELLANEOUS SPAN DETAILS | A15 OF 19 | 480 |
| RAILING DETAILS | A16 OF 19 | 481 |
| BEAM 40-1 DETAILS - TYPE 1+2 | A17 OF 19 | 482 |
| BEAM 40-2 DETAILS - TYPE 1+2 | A18 OF 19 | 483 |
| PRESTRESSED CONCRETE PILE DETAILS | A19 OF 19 | 484 |

### BRIDGE AT STA. 1206+47.21

| DESCRIPTION OF SHEETS | WORKING NUMBER | SHEET NUMBER |
|---|---|---|
| SR 16 ACROSS YOCKANOOKANY RIVER RELIEF | B 1 OF 14 | 485 |
| SR 16 ACROSS YOCKANOOKANY RIVER RELIEF | B 2 OF 14 | 486 |
| GENERALIZED SOIL PROFILE | B 3 OF 14 | 487 |
| END BENTS NO. 1 & 7 DETAILS | B 4 OF 14 | 488 |
| END BENT DETAILS | B 5 OF 14 | 489 |
| INT. BENTS 2, 3, 5 & 6 DETAILS | B 6 OF 14 | 490 |
| INT. BENT 4 DETAILS | B 7 OF 14 | 491 |
| 40 FT. SPAN DETAILS | B 8 OF 14 | 492 |
| 40 FT. SPAN DETAILS | B 9 OF 14 | 493 |
| MISCELLANEOUS SPAN DETAILS | B10 OF 14 | 494 |
| RAILING DETAILS | B11 OF 14 | 495 |
| BEAM 40-1 DETAILS - TYPE 1+2 | B12 OF 14 | 496 |
| BEAM 40-2 DETAILS - TYPE 1+2 | B13 OF 14 | 497 |
| PRESTRESSED CONCRETE PILE DETAILS | B14 OF 14 | 498 |

## DESCRIPTION OF SHEETS SPECIAL DESIGN SHEETS - BRIDGE DRAWINGS

### BRIDGE AT STA. 1232+89.21

| DESCRIPTION OF SHEETS | WORKING NUMBER | SHEET NUMBER |
|---|---|---|
| SR 16 ACROSS YOCKANOOKANY RIVER | C 1 OF 31 | 499 |
| SR 16 ACROSS YOCKANOOKANY RIVER | C 2 OF 31 | 500 |
| SR 16 ACROSS YOCKANOOKANY RIVER | C 3 OF 31 | 501 |
| SR 16 ACROSS YOCKANOOKANY RIVER | C 4 OF 31 | 502 |
| SR 16 ACROSS YOCKANOOKANY RIVER | C 5 OF 31 | 503 |
| GENERALIZED SOIL PROFILE | C 6 OF 31 | 504 |
| GENERALIZED SOIL PROFILE | C 7 OF 31 | 505 |
| END BENTS NO. 1 & 7 DETAILS | C 8 OF 31 | 506 |
| END BENT DETAILS | C 9 OF 31 | 507 |
| INT. BENTS NO. 2, 3, 5, 11 & 12 DETAILS | C10 OF 31 | 508 |
| INT. BENT NO. 4 DETAILS | C11 OF 31 | 509 |
| INT. BENTS NO. 6 & 10 DETAILS | C12 OF 31 | 510 |
| INT. BENT NO. 7 DETAILS | C13 OF 31 | 511 |
| INT. BENTS NO. 8 & 9 DETAILS | C14 OF 31 | 512 |
| INT. BENTS NO. 6 & 7 DETAILS (BRUSH DEFLECTOR) | C15 OF 31 | 513 |
| INT. BENT NO. 8 DETAILS (BRUSH DEFLECTOR) | C16 OF 31 | 514 |
| INT. BENT NO. 9 DETAILS (BRUSH DEFLECTOR) | C17 OF 31 | 515 |
| INT. BENT NO. 10 DETAILS (BRUSH DEFLECTOR) | C18 OF 31 | 516 |
| 40 FT. SPAN DETAILS | C19 OF 31 | 517 |
| 40 FT. SPAN DETAILS | C20 OF 31 | 518 |
| 80 FT. SPAN DETAILS | C21 OF 31 | 519 |
| 80 FT. SPAN DETAILS | C22 OF 31 | 520 |
| 110 FT. SPAN DETAILS | C23 OF 31 | 521 |
| 110 FT. SPAN DETAILS | C24 OF 31 | 522 |
| MISCELLANEOUS SPAN DETAILS | C25 OF 31 | 523 |
| RAILING DETAILS | C26 OF 31 | 524 |
| BEAM 40-1 DETAILS - TYPE 1+2 | C27 OF 31 | 525 |
| BEAM 40-2 DETAILS - TYPE 1+2 | C28 OF 31 | 526 |
| BEAM 80-1 DETAILS - TYPE III | C29 OF 31 | 527 |
| BEAM 110-1 DETAILS - TYPE IV | C30 OF 31 | 528 |
| PRESTRESSED CONCRETE PILE DETAILS | C31 OF 31 | 529 |

## SPECIAL DESIGN SHEETS DETOUR BRIDGE DRAWINGS

| DESCRIPTION OF SHEETS | WORKING NUMBER | SHEET NUMBER |
|---|---|---|
| DETOUR BRIDGE AT STA. 87+95.00 | DBA1 OF 1 | 530 |
| DETOUR BRIDGE AT STA. 107+13.00 | DBB1 OF 1 | 531 |
| DETOUR BRIDGE AT STA. 136+23.00 | DBC1 OF 1 | 532 |

## SPECIAL DESIGN SHEETS INFORMATION

| DESCRIPTION OF SHEETS | WORKING NUMBER | SHEET NUMBER |
|---|---|---|
| EXISTING BRIDGES AT STA. 1086+89.13 & 1206+47.21 | | 533 |
| EXISTING BRIDGE AT STA. 1232+89.21 | | 534 |

| BRIDGE DIVISION REVISIONS | | |
|---|---|---|
| DATE | SHEET NO. | BY |
| 1/24/11 | 495 | KLC |

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX (BRIDGE)

PROJECT 100490/302000 BR-0024-03(014)

LEAKE COUNTY

WORKING NUMBER DI-BR

SHEET NUMBER 4

DESIGNED KLC DETAILED KLC TRACED CADD

CHECKED MRD ISSUED MKC DATE 3/12/10

REVISIONS BY DATE