FMS CONST. 105858/302000/303000

-(N)

1st O.REV.

**GENERAL INDEX** 

**INCLUDED BEGIN** WITH THIS SHEET **PROJECT** ROADWAY ..... PERMANENT SIGNS ..... 1001 TRAFFIC SIGNALS ..... 2001 ITS COMPONENTS ..... 3001

**LIGHTING** ..... 4001 (RESERVED) . . . . . . . . . . . . . . . . . 5001

BRIDGE STANDARD DWGS ..... 7001 BRIDGE ..... 8001

ROADWAY STANDARD DWGS .. 6001

**CROSS SECTIONS ...... 9001** 

STATE OF MISSISSIPPI

**BEGINNING OF PROJECT** 

STA. 535 + 17.49

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. BR-0020-01(216)

**BRIDGE REPLACEMENT** REPLACE I-20 EB BRIDGE #44.9B AT I-55 SOUTH HINDS COUNTY/RANKIN COUNTY

> **SCALES** 1 IN. = 20 FT. or 100 FT. HOR. 1 IN. = 20 FT. OR 100 FT. VERT. 1 IN. = 5 FT. OR 10 FT. LAYOUT

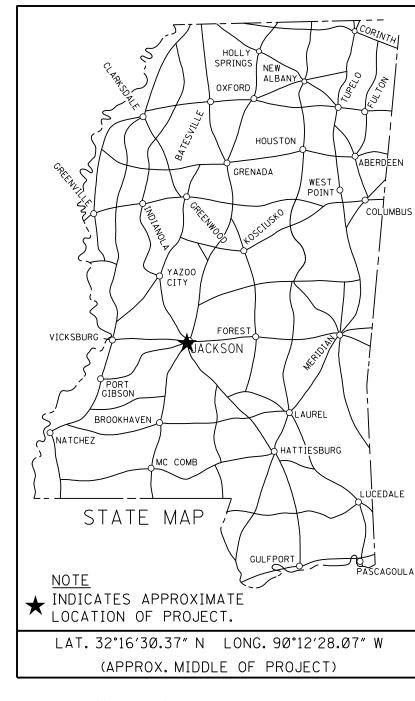
### BRIDGE STRUCTURES REQ'D.

- STA. 547 + 72.412 I-20 EASTBOUND (20EB) LENGTH ALONG C.L. (20EB) = 1855'-0 5/8"(64'-114'-145'-136'-2@148'-2@143'-147'-TO CLINTON 136'-118'-120'-170'-120') SPANS
- **STA. 561 + 54.41 LT. LANE I-20 WESTBOUND** (20WB) OVER ICRR, BRIDGE RAIL REPLACEMENT
- **STA. 563 + 10.47 RT. LANE I-20 EASTBOUND** (20EB) OVER ICRR, BRIDGE RAIL REPLACEMENT

BOX BRIDGES REQ'D. NONE

1 IN. = 500 FT.WK. SH. 4, 4DR, 5B, 5C, 6, & 7 BRIDGE TO BRANDON **BRIDGE**(B) END OF PROJECT BRIDGE(C) **STA.** 598 + 40.38

| STATE       | PROJECT NUMBER  | SHEET<br>NO. |
|-------------|-----------------|--------------|
| MISSISSIPPI | BR-0020-01(216) | 1            |



| (  | NE WAY)  |
|----|--|
|    | DESIGN CONTROL                                 |
| _  | 60 MPH = V (SPEED DESIGN)                      |
| ١  |  |
| Al | (2017) = 37,000: ADT $(2037) = 45,000$         |
| DI | = <u>4500</u> : D = <u>99</u> % T= <u>14</u> % |
|    |  |

|                 | PERMITS ACQU                          | JIRED BY MDO                        | Т      |
|-----------------|---------------------------------------|-------------------------------------|--------|
|                 | WETLANDS AND<br>(NECESSARY FOR ULTIMA | WATERS PERMITS<br>TE IMPROVEMENTS C | NLY):  |
|                 |                                       | WATERS WE                           | TLANDS |
|                 | NATIONWIDE #14                        | N                                   | N      |
| $\hat{\Lambda}$ | NATIONWIDE (OTHER)*                   | N                                   | N      |
|                 | GENERAL*                              | N                                   | N      |
|                 | INDIVIDUAL (404)*                     | N                                   | N      |
|                 | STORMWATER                            | PERMIT Y                            |        |
|                 | Y REQUIRED, CNOI SU<br>(DISTURBED A   | BMITTED BY MDOT<br>REA=5 ACRES)     |        |
|                 | S REQUIRED, SCNOIT<br>CONTRACTOR (1   | O BE SUBMITTED BY<br>TO 4.99 ACRES) |        |
|                 | N NO STORMWATER PER                   | MIT REQUIRED (<1 A                  | CRE)   |
|                 | APPROVED BY:                          |                                     |        |
|                 |                                       |                                     |        |

#### - GPS CONTROL NOTES — HORIZONTAL DATUM: 83(2007) MS WEST ZONE (US SURVEY FEET)

NORTH **EAST** HORIZONTAL MONUMENT 2330385.473 A363 989608.952 1020338.379 2301718.599 1022477.190 2307350.590 Q363 VERTICAL DATUM: NAVD 88 (US SURVEY FEET) **ELEVATION VERTICAL MONUMENT** 343.513 ALL ELEVATIONS SHOWN ON THIS DRAWING WERE DERVIED FROM DIGITAL LEVELING.

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

**CONVERSION VALUES** 

GROUND TO GRID (COMBINED) FACTOR GRID TO GEODETIC AZIMUTH

0.999941243 (CP40) +0° 03' 45.09"

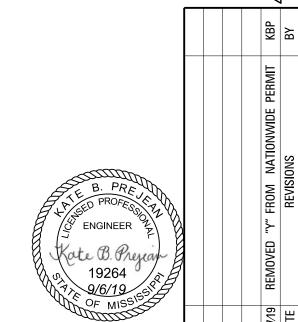
PROJECT AVERAGE

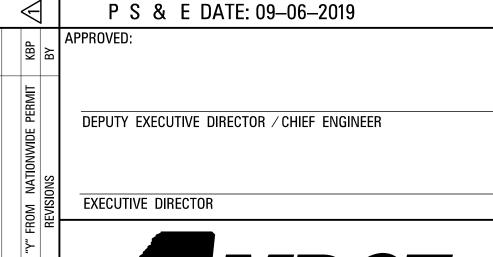
**EQUATIONS** NONE

**EXCEPTIONS** NONE

## LENGTH DATA

4,609,16 FT. Ø.873 MI. LENGTH OF ROADWAY ؕ351 MI. 1855 • Ø5 FT. LENGTH OF BRIDGES 1.224 ML LENGTH OF PROJECT (NET) LENGTH OF EXCEPTIONS LENGTH OF PROJECT (GROSS) 6464.21 FT. 1.224 MI.





BR-0020-01(216) 105858/302000/303000

HINDS COUNTY/RANKIN COUNTY

FILENAME: di\_sh.dgn

DESIGN TEAM HNTB CHECKED KBP DATE 11-5-18

| 4-1-0 DEV  |              |                  |   | STATE           | PROJECT NO.                        |
|--|--------------|------------------|---|-----------------|------------------------------------|
| 1st O.REV.   |              |                  |   | MISS.           | BR-0020-01(216)                    |
| DESCRIPTION OF SHEET   | WKG.<br>NO.  | SH.<br>NO.       | DECODIDITION OF CHEET   | WKG.<br>NO.     | SH.                                |
|  | INU.         | NU.              | DESCRIPTION OF SHEET  | IV∪.            | NO.                                |
| TITLE SHEET (1)  |              | 1                | PLAN AND PROFILE SHEETS (14)  |                 |                                    |
| DETAILED INDEX AND GENERAL NOTES (6)   |              |                  | I-20 EASTBOUND - B.O.P TO STA. 560+00   | 3               | 45<br>46                           |
| DETAILED INDEX   | DI-1         | า                | I-20 EASTBOUND - B.O.P TO STA. 560+00 - DRAINAGE<br>I-20 EASTBOUND - STA. 560+00 TO STA. 588+00       | 3DR<br><i>4</i> | 46<br>47                           |
| DETAILED INDEX  DETAILED INDEX   | DI-1<br>DI-2 | 2                | I-20 EASTBOUND - STA. 560+00 TO STA. 588+00<br>I-20 EASTBOUND - STA. 560+00 TO STA. 588+00 - DRAINAGE | 4<br>4DR        | 47<br>48                           |
| DETAILED INDEX  DETAILED INDEX   | DI-2<br>DI-3 | 3<br>4           | I-20 EASTBOUND - STA. 560+00 TO STA. 588+00 - DRAINAGE<br>I-20 EASTBOUND - STA. 588+00 TO E.O.P.      | 40N<br>5        | 48                                 |
| DETAILED INDEX  OF THE CONTROL OF TH | DI-3<br>DI-4 | <del></del><br>5 | RAMP - TERRY RD TO I-20 EASTBOUND - RPTRY20E  | 5<br>5A         | 50                                 |
| GENERAL NOTES  | GN-1         | 6                | RAMP - I-20 EASTBOUND TO US 51 NORTHBOUND - RP20E51N  | 5B              | 51                                 |
| GENERAL NOTES  | GN-2         | 7                | RAMP - I-55 NORTHBOUND TO I-20 EASTBOUND - RP55N20E   | 5C              | 52                                 |
| GENTERO LES  | <del>-</del> | •                | RAMP - I-55 NORTHBOUND TO I-20 WESTBOUND - RP55N20W   | 5D              | 53                                 |
| TYPICAL SECTION SHEETS (15)  |              |                  | I-20 WESTBOUND - STA. 550+00 TO STA. 575+00   | 6               | 54                                 |
| •  |              |                  | RAMP - I-20 WESTBOUND TO I-55 SOUTHBOUND - RP20W55S   | 6A              | 55                                 |
| I-20 EASTBOUND - B.O.P. TO STA. 545+73.54  | TS-1         | 8                | US-51 - STA. 975+00.00 TO 1005+00   | 7               | 56                                 |
| I-20 EASTBOUND - STA. 545+73.54 TO STA. 547+52.41  | TS-2         | 9                | INTERCHANGE LAYOUT I-20 EASTBOUND   | 8               | 57                                 |
| I-20 EASTBOUND - STA. 566+59.14 TO STA. 577+30.58  | TS-3         | 10               | RAILROAD CORRIDOR - STA. 1025+00 TO STA. 1055+00  | 9               | 58                                 |
| I-20 EASTBOUND - STA. 577+30.58 TO STA. 580+45.04  | TS-4         | 11               |   |                 |                                    |
| I-20 EASTBOUND - STA. 580+45.04 TO STA. 584+92.88  | TS-5         | 12               | FORM GRADE SHEETS (7)   |                 |                                    |
| I-20 EASTBOUND - STA. 584+92.88 TO STA. 593+92.88  | TS-6         | 13               |   |                 | 1                                  |
| I-20 EASTBOUND - STA. 593+92.88 TO STA. 598+33.36  | TS-7         | 14               | FORM GRADE I-20 EASTBOUND STA. 544+00 TO STA. 549+00  | FG-1            | 59                                 |
| RAMP I-20 EASTBOUND TO US 51 NORTHBOUND - STA. 577+52.49 TO STA. 585+43.15   | TS-8         | 15               | FORM GRADEI-20 EASTBOUND STA. 565+00 TO STA. 570+75   | FG-2            | 60                                 |
| RAMP I-55 NORTHBOUND TO I-20 EASTBOUND - STA. 558+12.98 TO STA. 567+86.67  | TS-9         | 16               | FORM GRADE I-20 EASTBOUND STA. 570+75 TO STA. 574+75  | FG-3            | 61                                 |
| RAMP I-55 NORTHBOUND TO I-20 EASTBOUND- STA. 567+86.67 TO STA. 577+85.00   | TS-10        | 17               | FORM GRADE I-20 EASTBOUND STA. 574+75 TO STA. 580+50  | FG-4            | 62                                 |
| US-51 - STA. 976+00.00 TO 995+93.11  | TS-11        | 18               | FORM GRADE I-20 EASTBOUND STA. 580+50 TO STA. 585+75  | FG-5            | 63                                 |
| I-20 WESTBOUND & RAMP US-51 TO I-20 WESTBOUND - STA. 550+14.94 TO STA. 555+62.39   | TS-12        | 19               | FORM GRADE I-20 EASTBOUND STA. 585+75 TO STA. 591+75  | FG-6            | 64                                 |
| RAMP - I-20 WESTBOUND TO I-55 SOUTHBOUND - STA. 550+14.94 TO STA. 555+62.39  | TS-13        | 20               | FORM GRADE I-20 EASTBOUND STA. 591+75 TO E.O.P.   | FG-7            | 65                                 |
| RAMP - I-55 NORTHBOUND TO I-20 WESTBOUND & I-55 NORTHBOUND TO TERRY ROAD   | TS-14        | 21               |   |                 |                                    |
| I-20 EASTBOUND TEMPORARY SHOULDER WIDENING - B.O.P. (535+17.49) TO STA. 546+19.40  | TS-15        | 22               | PAVEMENT MARKING DETAIL SHEETS (5)  |                 |                                    |
| QUANTITY SHEETS (22)   |              |                  | PAVEMENT MARKING DETAILS - B.O.P. TO STA. 558+00  | PMD-1           | 66                                 |
| ~~····································   |              |                  | PAVEMENT MARKING DETAILS - STA. 558+00 TO STA. 575+00   | PMD-2           | 67                                 |
| SUMMARY OF QUANTITIES - HINDS COUNTY   | SQ-1         | 23               | PAVEMENT MARKING DETAILS - STA. 575+00 TO STA. 590+00   | PMD-3           | 68                                 |
| SUMMARY OF QUANTITIES - HINDS COUNTY   | SQ-2         | 24               | PAVEMENT MARKING DETAILS - STA. 590+00 TO E.O.P.  | PMD-4           | 69                                 |
| SUMMARY OF QUANTITIES - HINDS COUNTY   | SQ-3         | 25               | PAVEMENT MARKING DETAILS - STA. 1010+00 TO E.O.P.   | PMD-5           | 70                                 |
| SUMMARY OF QUANTITIES - HINDS COUNTY   | SQ-4         | 26               |   |                 | J                                  |
| SUMMARY OF QUANTITIES - HINDS COUNTY   | SQ-5         | 27               | DETAIL OF CONSTRUCTION SIGNING (1)  |                 |                                    |
| SUMMARY OF QUANTITIES - RANKIN COUNTY  | SQ-6         | 28               |   |                 | 1                                  |
| SUMMARY OF QUANTITIES - PROJECT TOTAL  | SQ-7         | 29               | DETAIL OF CONSTRUCTION SIGNING  | DCS-1           | 71                                 |
| SUMMARY OF QUANTITIES - PROJECT TOTAL  | SQ-8         | 30               |   |                 | 1                                  |
| SUMMARY OF QUANTITIES - PROJECT TOTAL  | SQ-9         | 31               | TRAFFIC CONTROL SHEETS (48)   |                 |                                    |
| SUMMARY OF QUANTITIES - PROJECT TOTAL  | SQ-10        | 32               |   |                 | 1                                  |
| SUMMARY OF QUANTITIES - PROJECT TOTAL  | SQ-11        | 33               | PRE-PHASE 1   |                 | 1                                  |
| SUMMARY OF QUANTITIES - PROJECT TOTAL  | SQ-12        | 34               | TRAFFIC CONTROL PLAN - PRE-PHASE 1 OVERVIEW I-20 EB AND I-55 NB (SHOULDER WIDENING)                   | TC-1            | 72                                 |
| SUMMARY OF QUANTITIES - PROJECT TOTAL  | SQ-13        | 35               | TRAFFIC CONTROL PLAN - PRE-PHASE 1 I-20 EB AND I-55 NB (SHOULDER WIDENING) TEMPORARY SECTIONS         | TC-2            | 73                                 |
| ESTIMATED QUANTITIES - REMOVAL ITEMS, EARTHWORK  | EQ-1         | 36               | TRAFFIC CONTROL PLAN - PRE-PHASE 1 B.O.P. TO STA. 557+00 I-20 EB AND I-55 NB (SHOULDER WIDENING)      | TC-3            | 74                                 |
| ESTIMATED QUANTITIES - GUARDRAIL, BRIDGE END PAVEMENT, CONCRETE PROTECTIVE BARRIERS  | EQ-2         | 37               | TRAFFIC CONTROL PLAN - PRE-PHASE 1 STA. 557+00 TO STA. 572+00 I-20 EB AND I-55 NB (SHOULDER WIDENING) | TC-4            | 75<br>                             |
| ESTIMATED QUANTITIES - DRAINAGE STRUCTURES   | EQ-3         | 38               | TRAFFIC CONTROL PLAN - PRE-PHASE 1 STA. 572+00 TO STA. 588+00 I-20 EB AND I-55 NB (SHOULDER WIDENING) | TC-5            | 76<br>                             |
| ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS & SIGN ASSEMBLIES   | EQ-4         | 39               | TRAFFIC CONTROL PLAN - PRE-PHASE 1 STA. 588+00 TO E.O.P. I-20 EB AND I-55 NB (SHOULDER WIDENING)      | TC-6            | 77                                 |
| ESTIMATED QUANTITIES - PAVEMENT MARKINGS   | EQ-5         | 40               |   |                 |                                    |
| ESTIMATED QUANTITIES - TRAFFIC CONTROL DEVICES   | EQ-6         | 41               | PS & E PLANS-DATE 09-06-19    MISSISSIPPI DEPARTME  | INT OF TRAN     | SPORTATION                         |
| ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS   | EQ-7         | 42               | FMS CON. * 105858/302000/303000  REVISIONS  |                 |                                    |
| ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS ESTIMATED QUANTITIES - ITS  | EQ-8<br>EQ-9 | 43<br>44         | DATE SHEET NO. BY  10/17/19 1, 2, 23-35, 38, KBP  |                 | B. PREVEY PROFESSORY ENGINEER      |
|  |              |                  | 11 <sup>-</sup> 12, 11  |                 | Kate B. Prejian 19264              |
| $\iota$  |              |                  |   |                 | 19264<br>77 9/6/19 58<br>0F MISSIS |
|  |              |                  | LL  |                 | WORKING NUMBER                     |
|  |              |                  |   | (216)           | WORKING NUMBER                     |
|  |              |                  | # FILENAME: di_sh.dqn   | .2107           | SHEET NUMBER                       |

DESIGN TEAM <u>HNTB</u> CHECKED <u>KBP</u> DATE <u>11-5-18</u>

|  |                |            |  | STATE PROJECT NO.   |
|--|----------------|------------|--|---|
|  |                |            |  | MISS. BR-0020-01(216)   |
|  | WKG.           | SH.<br>NO. |  | WKG. SH.  |
| DESCRIPTION OF SHEET   | NO.            | NO.        | DESCRIPTION OF SHEET   | WKG. SH.<br>NO. NO.   |
| PHASE 1A   |                |            | RAMP CLOSURE DETAILS (5)   |   |
| TRAFFIC CONTROL PLAN - PHASE 1A OVERVIEW   | TC-7           | 78         |  |   |
| TRAFFIC CONTROL PLAN - PHASE 1A TEMPORARY SECTIONS   | TC-8           | 79         | RAMP CLOSURE DETAIL - EXIT 92B TO US 51 NORTH (CLOSED)   | RCD-1 120   |
| TRAFFIC CONTROL PLAN - PHASE 1A I-20 EB AND I-55 NB LANE SHIFT DETAILS   | TC-9           | 80         | RAMP CLOSURE DETAIL - US 51 SOUTHBOUND (CLOSED)  | RCD-2 121   |
| TRAFFIC CONTROL PLAN - B.O.P TO STA. 557+00  | TC-10          | 81         | RAMP CLOSURE DETAIL - EXIT 45 STATE STREET/GALLATIN STREET (CLOSED)  | RCD-3 122   |
| TRAFFIC CONTROL PLAN - STA 557+00 TO STA 588+00  | TC-11<br>TC-12 | 82         | RAMP CLOSURE DETAIL - TERRY ROAD TO I-20 EASTBOUND (CLOSED)  | RCD-4 123   |
| TRAFFIC CONTROL PLAN - STA. 572+00 TO STA. 588+00 TRAFFIC CONTROL PLAN - STA. 588+00 TO E.O.P.                 | TC-12<br>TC-13 | 83<br>84   | RAMP CLOSURE DETAIL - GALLATIN STREET TO I-20 WESTBOUND (CLOSED)   | RCD-5 124   |
| MAITIC CONTROL LAN STA. 500 TO L.O.T.  | 10 13          | 0-1        | DETOUR ROUTING PLAN (4)  |   |
| PHASE 1B   |                |            |  |   |
| TRAFFIC CONTROL PLAN - PHASE 1B OVERVIEW   | TC-14          | 85         | DETOUR ROUTING PLAN - EXIT 92B TO STATE STREET/GALLATIN STREET (CLOSED)EXIT 45 TO STATE  | DDD 1 12F   |
| TRAFFIC CONTROL PLAN - PHASE 1B TEMPORARY SECTIONS   | TC-15          | 86         | STREET/GALLATIN STREET (CLOSED)  | DRP-1 125   |
| TRAFFIC CONTROL PLAN - PHASE 1B I-20 EB LANE SHIFT DETAILS   | TC-16          | 87         | DETOUR ROUTING PLAN - US 51 SOUTHBOUND (CLOSED)  | DRP-2 126   |
| TRAFFIC CONTROL PLAN - B.O.P TO STA. 557+00  | TC-17          | 88         | DETOUR ROUTING PLAN - TERRY ROAD TO I-20 EASTBOUND (CLOSED)  | DRP-3 127   |
| TRAFFIC CONTROL PLAN - STA. 557+00 TO STA. 572+00  | TC-18          | 89         | DETOUR ROUTING PLAN - GALLATIN STREET TO I-20 WESTBOUND (CLOSED)   | DRP-4 128   |
| TRAFFIC CONTROL PLAN - STA. 572+00 TO STA. 588+00  | TC-19          | 90         |  |   |
| TRAFFIC CONTROL PLAN - STA. 588+00 TO E.O.P.   | TC-20          | 91         | EROSION CONTROL PLANS (3)  |   |
| TRAFFIC CONTROL PLAN - US 51 SOUTHBOUND (CLOSED)   | TC-21          | 92         | I-20 EASTBOUND - B.O.P TO STA. 560+00  | ECP-3 129   |
| PHASE 2A   |                |            | I-20 EASTBOUND - B.O.F 10 31A. 300+00<br>I-20 EASTBOUND - STA. 560+00 TO STA. 588+00   | ECP-4 130   |
| TRAFFIC CONTROL PLAN - PHASE 2A OVERVIEW   | TC-22          | 93         | I-20 EASTBOUND - STA. 588+00 TO E.O.P.   | ECP-5 131   |
| TRAFFIC CONTROL PLAN - PHASE 2A TEMPORARY SECTIONS   | TC-23          | 94         |  |   |
| TRAFFIC CONTROL PLAN - PHASE 2A I-20 EB LANE SHIFT DETAILS   | TC-24          | 95         | SPECIAL DESIGN SHEETS (8)  |   |
| TRAFFIC CONTROL PLAN - B.O.P TO STA. 557+00  | TC-25          | 96         |  |   |
| TRAFFIC CONTROL PLAN - STA. 557+00 TO STA. 572+00  | TC-26          | 97         | VEGETATION SCHEDULE  | VS-1 132  |
| TRAFFIC CONTROL PLAN - STA. 572+00 TO STA. 588+00  | TC-27          | 98         | BRIDGE END PAVEMENT - WEST APPROACH  | SDBE-1A 133   |
| TRAFFIC CONTROL PLAN - STA. 588+00 TO E.O.P.   | TC-28          | 99         | BRIDGE END PAVEMENT - EAST APPROACH  | SDBE-1B 134   |
| TRAFFIC CONTROL PLAN - US 51 SOUTHBOUND CLOSURE  | TC-29          | 100        | BRIDGE END PAVEMENT 42" RAIL - WEST APPROACH   | SDBEPR-1A-12 135  |
|  |                |            | BRIDGE END PAVEMENT 42" RAIL - EAST APPROACH   | SDBEPR-1B-12 136  |
| PHASE 2B   | TO 22          | 101        | CONCRETE MEDIAN BARRIER - (F-SHAPE) EXIST. NB US-51 PAVING LIMITS ON RAMPS   | SDCMB-1A 137<br>SDPL-1 138  |
| TRAFFIC CONTROL PLAN - PHASE 2B OVERVIEW  TRAFFIC CONTROL PLAN - PHASE 2B TEMPORARY SECTIONS                   | TC-30          | 101        | PAVING LIMITS ON RAIVII 3 PAVING LIMITS AT BRIDGES   | SDPL-2 139  |
| TRAFFIC CONTROL PLAN - PHASE 2B TEMPORARY SECTIONS  TRAFFIC CONTROL PLAN - PHASE 2B I-55 NB LANE SHIFT DETAILS | TC-31<br>TC-32 | 102<br>103 |  |   |
| TRAFFIC CONTROL PLAN - PHASE 2B1-35 NB LANE SHITT BETAILS  TRAFFIC CONTROL PLAN - B.O.P TO STA. 557+00         | TC-33          | 104        | SLIDE REPAIR (5)   |   |
| TRAFFIC CONTROL PLAN - STA. 557+00 TO STA. 572+00  | TC-34          | 105        |  |   |
| TRAFFIC CONTROL PLAN - STA. 572+00 TO STA. 588+00  | TC-35          | 106        | TYPICAL SECTION I-55/I-20 LANDSLIDE  | GEO1 140  |
| TRAFFIC CONTROL PLAN - STA. 588+00 TO E.O.P.   | TC-36          | 107        | SUBSURFACE DRAINAGE DETAILS I-55/I-20 RAMP EROSION AND SLIDE REPAIR  | GEO2 141  |
|  |                |            | TYPICAL SECTION I-55/I-20 LANDSLIDE PHASE 1: EXCAVATION I-55/I-20 RAMP LANDSLIDE PLAN  | GEO3 142<br>GEO4 143  |
| PHASE 2C   |                |            | PHASE 2: BERM CONSTRUCTION I-55/I-20 RAMP LANDSLIDE PLAN   | GEO5 144  |
| TRAFFIC CONTROL PLAN - PHASE 2C OVERVIEW   | TC-37          | 108        | THINGE 2. BEHAVI CONSTITUTION SON TO THE WAR BUILDEN EN AND SEIDE TEN AN | 3233 144  |
| TRAFFIC CONTROL PLAN - PHASE 2C TEMPORARY SECTIONS   | TC-38          | 109        | PERMANENT SIGNING SHEETS (5)   |   |
| TRAFFIC CONTROL PLAN - PHASE 2C I-55 NB AND I-20 WB/I-55 SB LANE SHIFT DETAILS                                 | TC-39          | 110        |  |   |
| TRAFFIC CONTROL PLAN - B.O.P TO STA. 557+00  | TC-40          | 111        | PERMANENT SIGNING PLAN   | PSP-1 1001  |
| TRAFFIC CONTROL PLAN - STA - 573 - 60 TO STA - 588 - 60  | TC-41          | 112        | OVERHEAD SIGN TRUSS - NO. 1 - STA. 547+50  | OH-1 1002   |
| TRAFFIC CONTROL PLAN - STA 588+00 TO STA 588+00  | TC-42<br>TC-43 | 113        | OVERHEAD SIGN TRUSS - NO. 2 - STA. 576+50  | OH-2 1003   |
| TRAFFIC CONTROL PLAN - STA. 588+00 TO E.O.P.   | TC-45          | 114        | OVERHEAD SIGN TRUSS - NO. 3 - STA. 589+50  | OH-3 1004   |
| PHASE 2D   |                |            | PERMANENT SIGNING DETAIL   | PSD-1 1005  |
| TRAFFIC CONTROL PLAN - PHASE 2D OVERVIEW   | TC-44          | 115        |  |   |
| TRAFFIC CONTROL PLAN - PHASE 2D TEMPORARY SECTIONS   | TC-45          | 116        |  | SSISSIPPI DEPARTMENT OF TRANSPORTATION  |
| TRAFFIC CONTROL PLAN - PHASE 2D  -20 WB/I-55 SB LANE SHIFT DETAILS (FOR BARRIER REPLACEMENT)                   | TC-46          | 117        |  | ETAILED INDEX   |
| TRAFFIC CONTROL PLAN - PHASE 2D STA. 557+00 TO STA. 572+00 (BARRIER REPLACEMENT)                               | TC-47          | 118        |  | B. PRO  |
| TRAFFIC CONTROL PLAN - PHASE 2D STA. 572+00 TO STA. 588+00 (BARRIER REPLACEMENT)                               | TC-48          | 119        |  | 0 EASTBOUND   |
|  |                |            |  | Kate B. Prejian   |
|  |                |            |  | 19264<br>19264<br>9/6/19<br>0F MISSISS  |
| 02.<br>37.   |                |            |  | ALLES C   |
| σ  |                |            |  | JNTY: HINDS  WORKING NUMBER  DI - 2   |
| 7501   |                |            | <del>                                      </del>  | DJ. NO.: BR-0020-01(216)       DI-2         ENAME: di_sh.dgn       SHEET_NUMBER |
|  |                |            |  | LINAIVIL: UI_SII.UYII   |

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|                    |  |        |                |   | STATE                | +                            |
|                    |  |        |                |   | MISS.                | BR-0020-01(216)              |
|                    | DECODIDITION OF CHEET  | WKG.   | SH.<br>NO.     |   | WKG.                 | SH.<br>NO.                   |
|                    | DESCRIPTION OF SHEET   | NO.    | NO.            | DESCRIPTION OF SHEET  | NO.                  | NO.                          |
|                    | ITS PLAN & DETAIL SHEETS (28)  |        |                | EROSION CONTROL (25)  |                      |                              |
|                    | ITS GENERAL NOTES  | GN-ITS | 3001           | TYPICAL TEMPORARY EROSION CONTROL/SEDIMENT CONTROL APPLICATIONS                                       | ECD-1                | 6101                         |
|                    | ITS LEGEND   | LEG-1  | 3002           | DETAILS OF SEDIMENT BARRIER APPLICATIONS  | ECD-2                | 6102                         |
|                    | LOCATION PLAN  | LP-1   | 3003           | DETAILS OF SILT FENCE INSTALLATION  | ECD-3                | 6103                         |
|                    | ITS PLANS - INTERSTATE 20 - EASTBOUND STA. 520+50 TO 550+50                        | ITS-1  | 3004           | DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS  | ECD-4                | 6104                         |
|                    | ITS PLANS - INTERSTATE 20 - EASTBOUND STA. 550+50 TO 579+00                        | ITS-2  | 3005           | TEMPORARY EROSION, SEDIMENT, AND WATER POLLUTION CONTROL MEASURES (SILT FENCE AND HAY BALE            |                      |                              |
|                    | ITS PLANS - INTERSTATE 20 - EASTBOUND STA. 579+00 TO 611+00                        | ITS-3  | 3006           | DITCH CHECKS)   | ECD-5                | 6105                         |
|                    | ITS PLANS - INTERSTATE 20 - EASTBOUND STA. 611+00 TO 1395+00                       | ITS-4  | 3007           | DETAILS OF EROSION CONTROL WATTLE DITCH CHECK   | ECD-6                | 6106                         |
|                    | ITS PLANS - INTERSTATE 20 - EASTBOUND STA. 1395+00 TO 1420+00                      | ITS-5  | 3008           | DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK  | ECD-7                | 6107                         |
|                    | ITS PLANS - INTERSTATE 20 - EASTBOUND STA. 1420+00 TO 1450+00                      | ITS-6  | 3009           | ROCK DITCH CHECK  | ECD-8                | 6108                         |
|                    | ITS PLANS - INTERSTATE 20 - EASTBOUND STA. 1450+00 TO 1480+00                      | ITS-7  | 3010           | ROCK FILTER DAM   | ECD-9                | 6109                         |
|                    | 1131 EANS INTERSTATE 20 EASTDOOND STA. 1430:00 TO 1400:00                          | 113 7  | 3010           | ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM   | ECD-10               | 6110                         |
|                    | AERIAL SUPPORTED CONDUIT - NOTES AND TYPICAL DETAILS                               | ASC-1  | 3011           | TYPICAL APPLICATIONS AND DETAILS FOR INLET CONSTRUCTION   | ECD-11               | 6111                         |
|                    | AERIAL SUPPORTED CONDUIT - NOTES AND TYPICAL DETAILS                               | ASC-2  | 3012           | INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS                                | ECD-12               | 6112                         |
|                    | CABINET DETAILS - TYPE B AND C CABINET DETAILS                                     | CAB-1  | 3012           | INLET PROTECTION DETAILS FOR SEDIMENT CONTINGES FOR GRADES AND SAGS                                   | ECD-12               | 6113                         |
|                    | CCTV DETAILS - POLE MOUNTED CCTV DETAILS   | CCTV-1 | 3013           | INLET PROTECTION DETAILS OF WATTEES  INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE | ECD-13               | 6114                         |
|                    | CAMERA LOWERING DEVICE DETAILS   | CCTV-3 | 3014<br>3014A  | INLET PROTECTION DETAILS OF MANORACTORED INLET PROTECTION DEVICE                                      | ECD-14               | 6115                         |
|                    |  | CCTV-4 | 3014A<br>3014B | STABILIZED CONSTRUCTION ENTRANCE  | ECD-13               | 6116                         |
|                    | CCTV DETAILS - TYPICAL CCTV W/ LOWERING DEVICE                                     |        |                |   |                      | 6118                         |
|                    | RDS DETAILS - POLE MOUNTED RDS DETAILS   | RDS-1  | 3015           | TEMPORARY STREAM DIVERSION (BOX EXTENSION)  | ECD-18               |                              |
|                    | EROSION CONTROL PLAN - ITS DETAILS   | EC-1   | 3016           | TEMPORARY STREAM DIVERSION (BOX EXTENSION)  | ECD-19               | 6119                         |
|                    | EROSION CONTROL PLAN - ITS DETAILS   | EC-2   | 3017<br>3018   | FLOATING TURBIDITY CURTAIN  | ECD-20               | 6120                         |
| Z<br>O<br>F        | EQUIPMENT DETAILS - SITE BLOCK DIAGRAMS  | ED-1   |                | DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK  | ECD-21               | 6121                         |
| ORTA               | FIBER OPTIC DETAILS - PULLBOX AND CONDUIT TRENCHING DETAILS                        | FO-1   | 3019           | SEDIMENT RETENTION BARRIER  | ECD-22               | 6122                         |
| ANSP               | FIBER OPTIC DETAILS - CABINET ENTRANCE DETAILS                                     | FO-2   | 3020           | DETAILS OF TYPICAL DITCH TREATMENTS   | DT-1                 | 6123                         |
| Z π<br>Ο Γ<br>Σ π  | FIBER OPTIC DETAILS - CABLE MANAGEMENT DETAILS                                     | FO-3   | 3021           | DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT  | DT-1A                | 6124                         |
| N L N L            | FIBER OPTIC DETAILS - TERMINATION CABINET TABLES                                   | FO-4   | 3022           | SUPER SILT FENCE  | SSF-1                | 6130                         |
| × ×<br>∀ × ×<br>ME | FIBER OPTIC DETAILS - TERMINATION CABINET  | FO-5   | 3023           | EROSION CONTROL BLANKET   | ECB-1                | 6131                         |
| ROAD DEPA          | FIBER OPTIC DETAILS - FIBER SPLICING DETAIL  | FO-6   | 3024           |   |                      |                              |
| SSIPPI             | FIBER OPTIC DETAILS - SYSTEM BLOCK DIAGRAM   | FO-7   | 3025           | FENCE (2)   |                      |                              |
| MIS SI             | ELECTRICAL DEVICES - POWER SERVICE DETAILS   | POW-1  | 3026           |   |                      |                              |
|                    | WARNING DETAILS - ICE ON BRIDGE ROAD SIGN & FLASHING BEACON DETAILS                | WAR-1  | 3027           | FENCE - CHAIN LINK CLASS I  | CL-1                 | 6184                         |
|                    | WARNING DETAILS - FLASHING BEACON WITH TYPE B CABINETS DETAILS AND WIRELESS SYSTEM | WAR-2  | 3028           | FENCE - CHAIN LINK CLASS II   | CL-2                 | 6185                         |
|                    |  |        |                | PROTECTIVE BARRIERS (13)  |                      |                              |
|                    | LIGHTING PLANS (6)   |        |                |   |                      |                              |
|                    |  |        |                | GUARDRAIL: "W" BEAM (STEEL POSTS)   | GR-1B                | 6203                         |
|                    | ELECTRICAL PLAN  | LP-1   | 4001           | GUARDRAIL: BRIDGE END SECTION-TYPE H (STEEL POSTS)  | GR-2D                | 6208                         |
|                    | ELECTRICAL PLAN  | LD-1   | 4002           | GUARDRAIL: BRIDGE END SECTION-TYPE I (STEEL POSTS)  | GR-2G                | 6211                         |
|                    | LIGHTING PLAN  | LP-2   | 4003           | GUARDRAIL: TYPE 1 CABLE ANCHORAGE (FOUNDATION TUBE)   | GR-3                 | 6212                         |
|                    | LIGHTING DETAIL  | LD-2   | 4004           | GUARDRAIL: TYPE 1 CABLE ANCHORAGE (CONCRETE FOOTING)  | GR-3A                | 6213                         |
|                    | FOUNDATION DETAIL  | LD-3   | 4005           | GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS                             | GR-4                 | 6214                         |
|                    | LIGHTING PLAN  | LP-3   | 4006           | GUARDRAIL: TYPICAL INSTALLATION FOR ROADSIDE HAZARDS ON DIVIDED HIGHWAYS                              | GR-4B                | 6216                         |
|                    |  |        |                | CONCRETE MEDIAN BARRIER   | CMB-1A               | 6222                         |
|                    | STANDARD DRAWINGS (89)   |        |                | CONCRETE MEDIAN BARRIER   | CMB-1B               | 6223                         |
|                    |  |        |                | CONCRETE MEDIAN BARRIER   | CMB-3                | 6226                         |
|                    | PAVEMENT MARKINGS (4)  |        |                | 4'-6" PIER PROTECTION DETAILS (1 OF 3)  | PPD-B1               | 6231                         |
|                    |  |        |                | 4'-6" PIER PROTECTION DETAILS (2 OF 3)  | PPD-B2               | 6232                         |
|                    | PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED ROADWAYS                    | PM-1   | 6051           | 4'-6" PIER PROTECTION DETAILS (3 OF 3)  | PPD-B3               | 6233                         |
|                    | PAVEMENT MARKING DETAILS FOR INTERCHANGE ENTRANCE RAMPS (PARALLEL AND TAPER)       | PM-3   | 6053           | ∑ MISSISSIPPI DEPAR'  | TMENT OF TRAI        | NSPORTATION                  |
| z                  | PAVEMENT MARKING DETAILS FOR INTERCHANGE EXIT RAMPS (PARALLEL AND TAPER)           | PM-4   | 6054           | DETAILED I  |                      |                              |
|                    | RUMBLE STRIP DETAIL FOR OGFC OR CONCRETE ROADWAY WITH ASPHALT SHOULDERS            | RS-3   | 6066           |   |                      | B. PRE                       |
| S<br>S             |  |        |                |   | IND                  | P SED PROFESSOR              |
|                    |  |        |                |   |                      | ENGINEER 3                   |
| Σ                  |  |        |                |   |                      | Kate B. Prejear 19264        |
| 70<br>4            |  |        |                |   |                      | 19264<br>9/6/19<br>0F MISSIS |
| Ĺ                  |  |        |                |   |                      | WORKING NUMBER               |
| σ_                 |  |        |                | PROJ. NO.: BR-0020  | 7-01(216)            | DI-3                         |
| /20.               |  |        |                | 별 FILENAME: <u>di_sh.dgn</u>  |                      | SHEET NUMBER                 |
| σ\σ<br>            |  |        |                | DESIGN TEAMHNTBCHECK  | KED KBP DATE 11-5-18 | 4                            |
|                    |  |        |                |   |                      |                              |

|   |             |            |  | STATE PROJECT NO.  MISS. BR-0020-01(216)                            |
|---|-------------|------------|--|---|
|   | WKG.        | SH.        |  | WKG. SH.  |
| DESCRIPTION OF SHEET  | WKG.<br>NO. | SH.<br>NO. | DESCRIPTION OF SHEET   | NO. NO.   |
| SIGNING (17)  |             |            | DRAINAGE (8)   |   |
| STANDARD DIRECTIONAL (GUIDE) SIGNS  | SN-1        | 6301       | PIPE CULVERT INSTALLATION  | PI-1 6501   |
| ROUTE SHIELD AND "EXIT ONLY" PANELS   | SN-2        | 6302       | JUNCTION BOX FOR PIPE CULVERTS   | JB-1 6504   |
| STANDARD ROADSIDE SIGNS   | SN-3        | 6303       | TYPE I MEDIAN INLET (24"PIPE AND UNDER)                                  | MI-1 6508   |
| STANDARD ROADSIDE SIGNS   | SN-3A       | 6304       | TYPE I MEDIAN INLET (29" TO 51" PIPE)                                    | MI-1A 6509  |
| STANDARD ROADSIDE SIGNS   | SN-3B       | 6305       | DETAILS OF GRATES FOR MEDIAN INLETS                                      | IG-1 6516   |
| STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION  | SN-4        | 6306       | PAVED INLET APRON AND MEDIAN DITCH PLUG                                  | PA-1 6520   |
| STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION  | SN-4A       | 6307       | DROP INLET AND GRATE DETAILS FOR PIPE AND BOX CULVERTS                   | B-9 6527  |
| STANDARD ROADSIDE SIGN ASSEMBLY AND INSTALLATION  | SN-4B       | 6308       | FLARED END SECTION FOR CONCRETE PIPE                                     | FE-1 6530   |
| TYPICAL INSTALLATION OF GROUND MOUNTED DIRECTIONAL SIGNS  | SN-5        | 6309       |  |   |
| BREAKAWAY SIGN SUPPORTS   | SN-6        | 6310       | SPECIAL DESIGN BRIDGE SHEETS - SEE BRIDGE SHEETS BEGINNING ON 8001 (153) | 8001-8153   |
| BREAKAWAY SIGN SUPPORTS   | SN-6A       | 6311       |  |   |
| BREAKAWAY SIGN SUPPORTS   | SN-6B       | 6312       | CROSS SECTIONS (70)  |   |
| SIGN FACE CONST. AND ATTACHMENT OF GROUND MOUNTED DIRECTIONAL SIGNS TO STEEL BEAMS (EXTRUDED  | <b>~</b> =  | 6046       |  |   |
| ALUMINUM PANELS)  | SN-7        | 6313       | I-20 EASTBOUND   | 9001-9032   |
| TYPICAL INSTALLATION AND DETAILS OF DELINEATORS AND DISTANCE REFERENCE SIGNS  | SN-8        | 6314       | RAMP I-20 EB TO US-51 NB (RP20E51N)                                      | 9033-9038   |
| TYPICAL INSTALLATION OF DELINEATORS   | SN-8A       | 6315       | RAILROAD CORRIDOR  | 9039-9056   |
| TYPICAL GUARDRAIL DELINEATION   | SN-8C       | 6317       | I-20 EASTBOUND PRE-PHASE 1   | 9057-9061   |
| SIGNING DETAILS FOR BRIDGE APPROACHES   | SN-9        | 6318       | I-20 EASTBOUND PHASE 1   | 9062-9067   |
|   | 3.7 3       | 3313       | SLIDE REPAIR   | 9068-9070   |
| TRAFFIC CONTROL PLANS (9)   |             |            | TOTAL SHEETS NOT INCLUDING BRIDGE SHEETS (338)                           |   |
|   |             |            |  |   |
| TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED   | TCP-4       | 6354       |  |   |
| HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)   | TCP-4       | 6354       |  |   |
|   |             |            |  |   |
|   |             |            |  |   |
| TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATES AND OTHER 4-LANE DIVIDED   | TCP-5       | 6355       |  |   |
| HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)   |             |            |  |   |
| HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS  | TCP-8       | 6358       |  |   |
| TRAFFIC CONTROL PLAN MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS   | TCP-9       | 6359       |  |   |
|   |             |            |  |   |
| DETAILS OF OUTSIDE LANE CLOSURE AT EXIT AND ENTRANCE RAMPS  TRAFFIC CONTROL BLANE LINEVEN BAYENT DETAILS  | TCP-10      | 6360       |  |   |
| TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS   | TCP-12      | 6362       |  |   |
| TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS   | TCP-13      | 6363       |  |   |
| LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED)  | TCP-15      | 6365       |  |   |
| TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE   | TCP-16      | 6366       |  |   |
| MISCELLANEOUS ROADWAY DETAILS (11)  |             |            |  |   |
| TYPICAL GRADING TRANSITION BETWEEN CUTS & FILLS   | GT-1        | 6404       |  |   |
| SUPERELEVATION - CASE I (ROTATION ABOUT CENTERLINE)   | SE-2A       | 6408       |  |   |
| SUPERELEVATION - CASE II (ROTATION ABOUT EDGE OF TRAVELED WAY)  | SE-2B       | 6409       |  |   |
| SUPERELEVATION - CASE I (ROTATION ABOUT EDGE OF TRAVELED WAT)  SUPERELEVATION TRANSITION - CASE I (ROTATION ABOUT CENTERLINE) (URBAN FACILITY, $V = 50 \text{ MPH}$ ) | SE-2C       | 6410       |  |   |
|   |             | 6411       |  |   |
| MPH)  | SE-2D       |            |  |   |
| SUPERELEVATION RUNOFF - CASE I (ROTATION ABOUT CENTERLINE)  | SE-3A       | 6413       |  |   |
| SUPERELEVATION RUNOFF - CASE II (ROTATION ABOUT EDGE OF TRAVELED WAY)   | SE-3B       | 6414       |  |   |
| INTERCHANGE DESIGN FOR HIGH-SPEED PARALLEL EXIT RAMP  | IR-1A       | 6416       |  |   |
| INTERCHANGE DESIGN FOR HIGH-SPEED PARALLEL ENTRANCE RAMP  | IR-2A       | 6418       |  |   |
| MISCELLANEOUS DETAIL SHEET 1: STACKED PIPE JOINTS 2.EXCAVATION AT GRADE POINTS  | MDS-1       | 6425       |  | MISSISSIPPI DEPARTMENT OF TRANSPORTATION                            |
| DETAILS OF PAVED FLUMES   | PF-1        | 6426       | <del>                                      </del>                        | DETAILED INDEX  |
|   |             |            |  | L 20 EASTROUND  |
|   |             |            |  | I-20 EASTBOUND  |
|   |             |            |  | Kate B. Prejian   |
|   |             |            |  | SI<br>A<br>DI<br>DI<br>DI<br>DI<br>DI<br>DI<br>DI<br>DI<br>DI<br>DI |
|   |             |            |  | OF MISSING  |
|   |             |            |  | COUNTY: HINDS WORKING NUMBER  |
|   |             |            |  | PROJ. NO.: BR-0020-01(216) DI-4                                     |
|   |             |            | ППТ  | # FILENAME: di_sh.dgn SHEET NUMBER                                  |
|   |             |            |  | DESIGN TEAM HNTB CHECKED KBP DATE 11-5-18                           |

|  | STATE | PROJECT NO     |
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|  | MISS. | BR-ØØ2Ø-Ø1(216 |

#### GENERAL NOTES

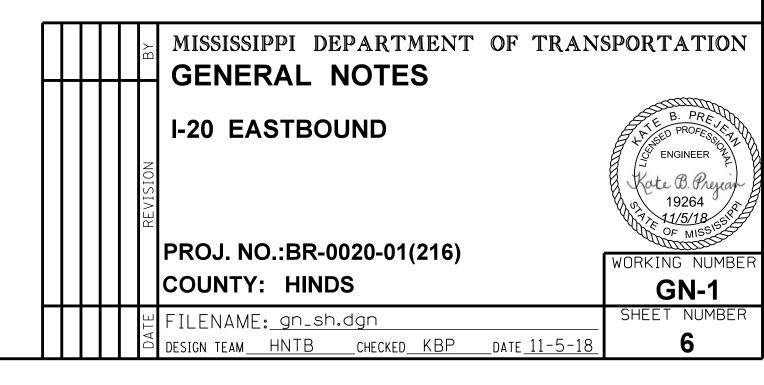
- (1) THE LOCATION AND SPACING OF SIGNS, SHOWN ON THE TRAFFIC CONTROL PLANS, ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- (2) ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH PART VI OF THE MUTCD (LATEST EDITION).
- (3) ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR OTHER SUITABLE MATERIAL.
- (4) 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.
- (5) 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- (6) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING STRUCTURES SUCH AS, BUT NOT LIMITED TO, PIPES, INLETS, APRONS, AND BRIDGES FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. 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.
- (7) THE TOP THREE FEET AND VARIABLE OF THE DESIGN SOILS (BOTH NATURAL AND EMBANKMENT) SHALL BE CONSTRUCTED OF SOIL CLASSIFIED AS A-6(10) OR BETTER, PER AASHTO DESIGNATION: M 145-91, EXCEPT AT UNDERCUT LOCATIONS DESIGNATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER TO RECEIVE CLASS B9-6 BORROW EXCAVATION. EXTREME CARE SHALL BE EXERCISED IN UNDERCUT AREAS, AND THE UNDERCUT DEPTH MAY BE ADJUSTED AT CROSS DRAINS AS DIRECTED BY THE ENGINEER.
- (8) ALL PIPE JOINTS ARE TO BE WRAPPED IN 24-INCH WIDE TYPE V GEOTEXTILE FABRIC. ALL PICKUP HOLES SHALL BE PLUGGED AND COVERED WITH TYPE V GEOTEXTILE FABRIC, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (9) VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE COST OF WHICH WILL BE ABSORBED IN OTHER ITEMS BID.
- (10) UTILITIES ON THE DRAWINGS ARE SHOWN IN THEIR ORIGINAL LOCATION BASED UPON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. UTILITIES THAT WERE FOUND TO BE IN CONFLICT WITH CONSTRUCTION HAVE BEEN RELOCATED. PERMITS ARE ON FILE WITH THE DEPARTMENT SHOWING THE APPROXIMATE LOCATION OF UTILITIES RELOCATED WITHIN THE RIGHT-OF-WAY. 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.
- (11) 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 EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING 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 EXCAVATION, OR ANY STRUCTURES ADJACENT TO THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING, AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE PRICE BID FOR CONTRACT ITEMS.
- (12) SOME WORK IS REQUIRED OUTSIDE THE PROJECT LIMITS. NO ADDITIONAL COMPENSATION WILL BE MADE FOR SUCH WORK EXCEPT AS PROVIDED BY SPECIFIC PAY ITEMS INCLUDED IN THE PLANS.
- (13) WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)

#### GENERAL NOTES (CONT.)

(14) LIST OF PUBLIC UTILITIES

A. ENTERGY 1-800-368-3749 B. STATEWIDE ATMOS GAS 1-601-961-6600 C. AT&T 1-800-227-6477 1-800-227-6477 D. BELL SOUTH E. CITY OF JACKSON 1-601-960-2091 F. CABLE TV (COMCAST) 1-601-982-0922 G. FIBER OPTIC LINE (MDOT) 1-601-683-3341 H. UNDERGROUND POWER (MDOT) 1-601-683-3341

- (15) FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
- (16) THE COST OF ANY COLLARS REQUIRED TO CONNECT CONCRETE FLARED END SECTIONS TO NON-CONCRETE PIPE SECTIONS SHALL BE ABSORBED IN THE COST FOR NON-CONCRETE PIPE.
- (17) VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL. THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (18) ALL DIMENSIONS AND SPACINGS FOR BRIDGE RAIL CONNECTORS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- (19) THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FROM ADJACENT PROJECT(S) IN IMPLEMENTING THE TRAFFIC CONTROL PLAN AS DIRECTED BY THE ENGINEER. ALL CONFLICTING SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.
- (20) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.
- (21) REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. COST TO BE ABSORBED IN OTHER ITEMS BID.
- (22) REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM, AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- (23) WHERE MILLING IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDERS AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON THE MILLED SURFACE, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (24) THE CONTRACTOR WILL NOT ALLOW TRAFFIC TO RUN ON THE MILLED SURFACE.



#### GENERAL NOTES

- (25) THE EROSION CONTROL DEVICES REFERENCED IN THESE PLANS ARE A MINIMUM REQUIREMENT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE 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. ANY ADDITIONAL SILT BASINS NOT SHOWN IN THE PLANS SHALL BE INCLUDED IN THE CONTRACTOR'S EROSION CONTROL PLAN PRIOR TO SUBMITTING FOR APPROVAL.
- (26) PRIOR TO EARTHWORK OPERATIONS, THE EXISTING TOP 4" TOPSOIL IS TO BE STRIPPED AND STOCKPILED. AFTER THE GRADING OPERATIONS ARE COMPLETED, SAID TOPSOIL SHALL BE PLACED ON ALL AREAS THAT ARE NOT TO BE PAVED OR OTHERWISE PROTECTED, IN ACCORDANCE WITH SECTION 211 OF THE SPECIFICATIONS, OR THE VEGETATION SCHEDULE (SEE WK. SH. VS-1). EXISTING TOPSOIL AND ALL COSTS ASSOCIATED WITH STRIPPING, HAULING, STOCKPILING, AND PLACEMENT OF THE EXISTING TOPSOIL IS TO BE ABSORBED IN OTHER EARTHWORK ITEMS.
- (27) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- (28) TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- (29) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (30) IF COLORS ARE USED ON PLAN/PROFILE SHEETS, THEY ARE INTENDED TO VISUALLY EASE THE LOCATION OF ELEMENTS FOR USERS OF THESE DRAWINGS. ALTHOUGH THE INTENT IS TO CATEGORIZE EVERYTHING AS EITHER EXISTING OR PROPOSED, IT IS THE END USER'S RESPONSIBILITY TO ENSURE ALL ELEMENTS ARE INTERPRETED CORRECTLY, REGARDLESS OF COLOR.
- (31) SEE BRIDGE PLANS FOR DETAILED INDEX SHEET(S), ESTIMATED AND SUMMARY OF QUANTITY SHEETS.
- (32) ALL ADDENDA TO THESE PLANS WILL BE POSTED TO WWW.MDOT.MS.GOV UNDER THE PROPOSAL ADDENDA COLUMN. BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NOT BE MAILED. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT.
- (33) THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- (34) THE BRIDGE DECKS SHALL BE GROOVED AND ALL BRIDGE JOINTS SHALL BE SEALED PRIOR TO OPENING THE BRIDGES TO TRAFFIC.
- (35) STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES.
- (36) INSTALLATION DATES SHALL BE CLEARLY WRITTEN IN BOLD BLACK MARKINGS ON THE BACK BOTTOM HALF OF ALL SIGNS WITH A PERMANENT MARKING STICK THAT IS WATERPROOF, FADE RESISTANT AND MARKS ON WET OR DRY SURFACES.
- (37) ALL POST, PIPE, AND I-BEAM LENGTHS IN THESE PLANS ARE ESTIMATES. POST LENGTHS FOR ALL SIGNS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO FABRICATION.
- (38) EXISTING SPECIFIC SERVICE (LOGO) SIGNS ARE TO REMAIN IN PLACE UNLESS NOTED IN THE PLANS OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER. LOGO SIGNS THAT REQUIRE RELOCATION OR REMOVAL WILL BE DONE SO BY MISSISSIPPI LOGOS, INC. (601-853-7100).
- (39) MISSISSIPPI LOGOS SHALL BE NOTIFIED IF THERE ARE ANY CHANGES TO AN INTERCHANGE RAMP DESIGNATION OR CONFIGURATION.

### GENERAL NOTES (CONT.)

- (40) ALL EXISTING SIGNS WHICH ARE TO BE REMOVED AS A PART OF THIS PROJECT THAT ARE NOT IN CONFLICT WITH CONSTRUCTION SHALL REMAIN IN PLACE UNTIL NEW SIGNS ARE INSTALLED UNLESS NOTED OR DIRECTED OTHERWISE BY THE PROJECT ENGINEER. ROADWAY SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION SHALL BE REMOVED AND RELOCATED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- (41) ALL EXISTING SIGNS AND SUPPORTS NOT DESIGNATED TO BE REMOVED AND RESET UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- (42) ALL EXISTING SIGNS AND SUPPORTS REMOVED UNDER THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND ARE NOT A SEPARATE PAY ITEM WITH THE EXCEPTION OF THE GUIDE SIGN 0.0625" OVERLAY PANELS WHICH SHALL BECOME THE PROPERTY OF MDOT. CONTRACTOR SHALL ARRANGE WITH THE PROJECT ENGINEER A SUITABLE TIME FOR PICK-UP BY MDOT. MDOT RESERVES THE RIGHT TO REFUSE ANY MATERIAL THAT IS DAMAGED OR UNSUITABLE FOR REFURBISHMENT.
- (43) DIRECT-APPLIED LEGEND, BORDER, AND/OR SHIELDS ARE TO BE USED ON ALL GUIDE SIGNS. DIGITALLY PRODUCED SIGN COPY, SHIELDS, LEGEND, SYMBOLS, OR IMAGES WILL NOT BE ALLOWED WITHOUT WRITTEN APPROVAL FROM MDOT'S PROJECT ENGINEER.
- (44) AFTER THE PERMANENT SIGNS HAVE BEEN INSTALLED, THE CONTRACTOR SHALL SUBMIT TO THE PROJECT ENGINEER A DIGITAL COPY OF A MICROSOFT EXCEL SPREADSHEET WITH THE FOLLOWING INVENTORY DATA CAPTURED FOR EACH SIGN: LOCATION OF SIGN (LATITUDE-LONGITUDE GPS COORDINATES), MUTCD SIGN CODE, SIZE, BACKGROUND AND LEGEND COLORS, SUPPORT TYPE (POST, PIPE, SQUARE POST, OR I-BEAM), NUMBER OF SUPPORTS, DATE OF INSTALLATION, SIGN FACE DIRECTION, ROUTE NAME OR NUMBER, DIRECTION OF VEHICLE TRAVEL, AND LEGEND ON SIGN IF APPLICABLE. EACH SIGN SHALL BE ASSIGNED A UNIQUE ID NUMBER AND A DIGITAL PHOTO OF EACH SIGN SHALL BE SUBMITTED IN BITMAP FORMAT. THE PHOTO FILENAME SHALL CORRESPOND WITH THE UNIQUE ID NUMBER.
- (45) GUARDRAIL DESIGNATED TO BE REMOVED SHALL BE DELIVERED TO THE WHITEFIELD MAINTENANCE HEADQUARTERS AND STOCKPILED. THE ADDRESS OF THE MAINTENANCE HEADQUARTERS IS 3769 HWY. 468, PEARL, MISSISSIPPI. THE CONTRACTOR SHALL COORDINATE DELIVERY OF THE MATERIAL WITH MDOT MAINTENANCE PERSONNEL 2 DAYS PRIOR TO DELIEVERY.

  MDOT MAINTENANCE PERSONNEL MAY BE REACHED AT 601-683-3341.
- (46) REMOVAL OF PRECAST BARRIERS ON I-20 WESTBOUND TO BE RETAINED BY MDOT AND DELIEVERED TO THE MDOT STOCKPILE LOCATED ON US HWY 51 NORTHBOUND APPROXIMATELY 0.3 MILES EAST OF GALLATIN STREET. THE CONTRACTOR SHALL COORDINATE DELIVERY OF THE MATERIAL WITH MDOT MAINTENANCE PERSONNEL 2 DAYS PRIOR TO DELIEVERY. MDOT MAINTENANCE PERSONNEL MAY BE REACHED AT 601-683-3341.
- (47) WITHIN RAILROAD CORRIDOR AREA, EXCAVATE CAREFULLY DUE TO UNDERGROUND LINES AND EXISTING SWITCH BOX.

