PROJECT NUMBER

STP-0009-01(153)

MISSISSIPF

SHEET

GENERAL INDEX

| INCLUDED THIS PROJECT | BEGIN WITH SHEET |
|-----------------------------|------------------------|
| ROADWAY | 1 |
| PERMANENT SIGNS | 1001 |
| TRAFFIC SIGNALS | |
| ITS COMPONENTS | |
| LIGHTING | |
| (RESERVED) | 5001 |
| ROADWAY STANDARD DWGS. | 6001 |
| BOX CULVERT STD. DRAWINGS | (LRFD) 7001 |
| BOX CULVERT STD. DRAWINGS | (STD. SPEC.)7501 |
| BRIDGE | 8001 |
| CROSS SECTIONS | 9001 |

BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D. **NONE**

CONVENTIONAL SYMBOLS

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

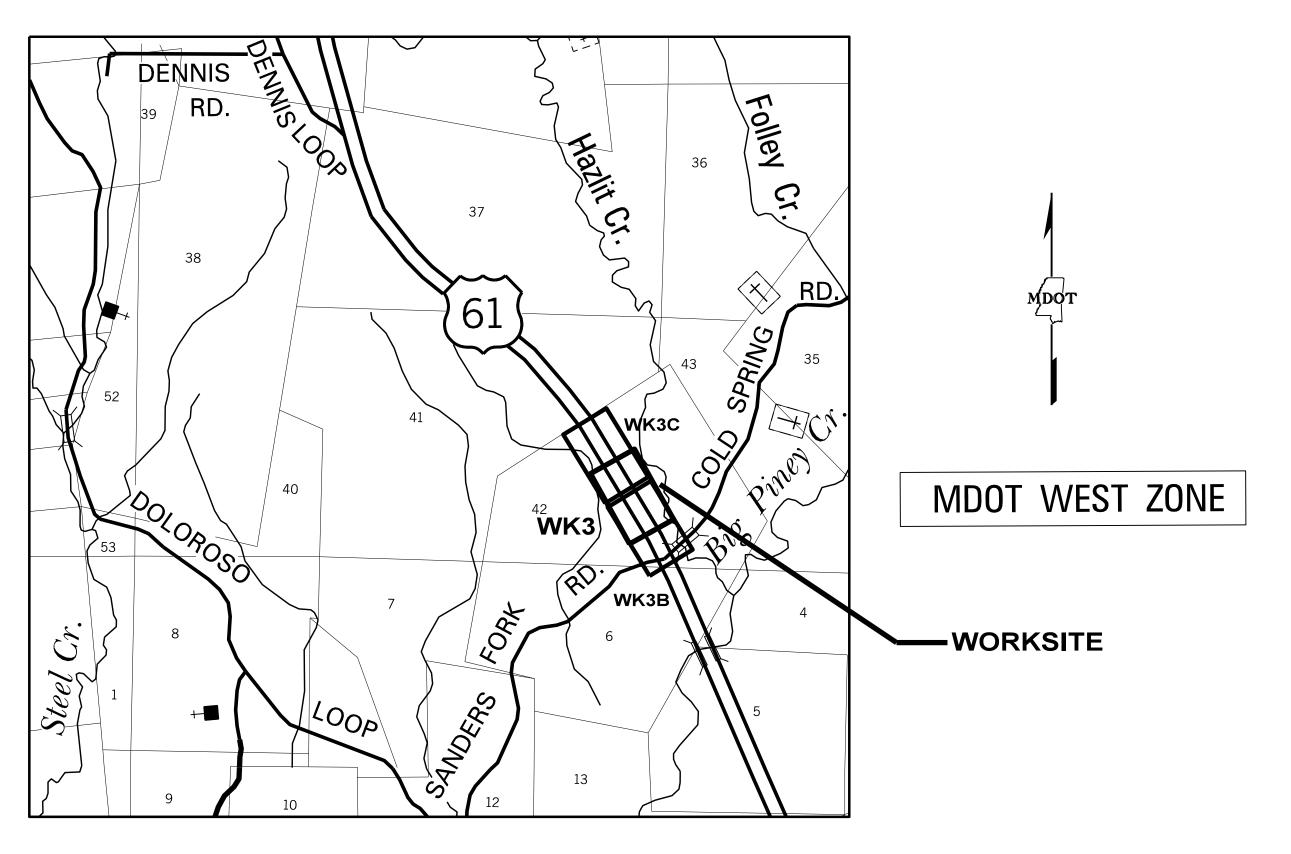
STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

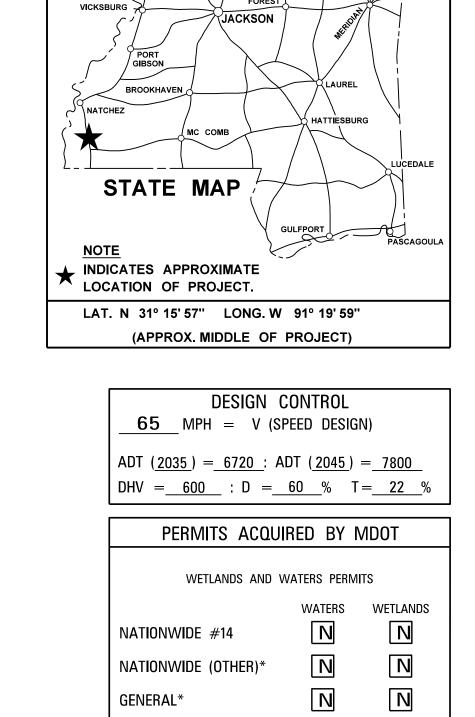
PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP-0009-01(153)

US 61 0.3 MILES NORTH OF JUNCTION AT COLD SPRINGS ROAD (SITE 2) WILKINSON COUNTY

> **SCALES** 1 IN. = 100 FT. LAYOUT 1 IN. = 2000 FT.



FMS CON. NO. 107541 / 302000



INDIVIDUAL (404)*

STORMWATER PERMIT

REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)

NO STORMWATER PERMIT REQUIRED (<1 ACRE)

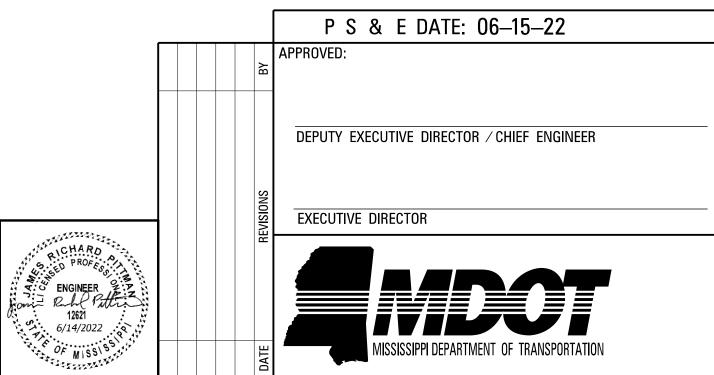
EQUATIONS

| 658+67.350 |) BK | US | 61 | . NE | 3 = | 658+56.400 | AΗ | US | 61 | NB | = | +10.950 |
|------------|------|------|----|------|-----|------------|----|----|----|----|---|------------|
| 665+00.00 | BK (| US (| 61 | NB | = | 679+61.500 | AΗ | US | 61 | NB | = | -1,461.500 |
| | | | | | | | | | | | | -1,450.550 |

LENGTH DATA

| LENGTH OF ROADWAY | Ø | FT. | Ø | N |
|---------------------------|---|-----|---|----|
| LENGTH OF BRIDGES | Ø | FT. | Ø | Λ |
| LENGTH OF PROJECT (NET) | | | Ø | N |
| LENGTH OF EXCEPTIONS | Ø | FT. | Ø | N |
| LENGTH OF PROJECT (GROSS) | | | Ø | I. |

EXCEPTIONS



FMS CON: 107541/302000

 STATE
 PROJECT NO.

 MISS.
 STP-0009-01(153)

DESIGN TEAM HDR

__CHECKED__

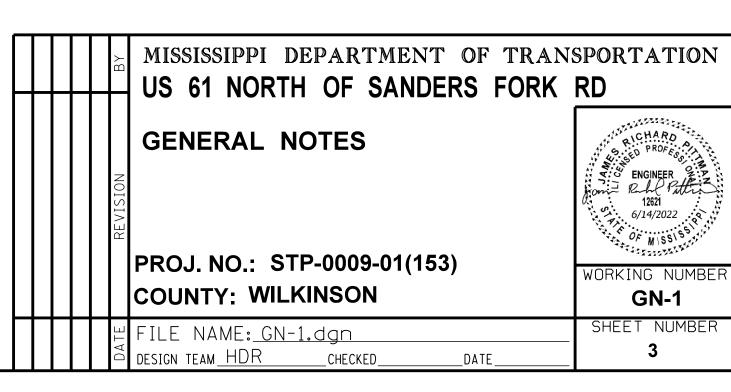
DATE

SH. NO. **DESCRIPTION OF SHEET REVISION DATE** WKG. NO. <u>SH. NO.</u> **DESCRIPTION OF SHEET REVISION DATE** WKG. NO. TITLE SHEET (1) TEMPORARY STREAM DIVERSION ECD- 18 6118 ECD- 19 TEMPORARY STREAM DIVERSION (BOX EXTENSION) 6119 **DETAILED INDEX & GENERAL NOTES (3)** ECD- 20 6120 FLOATING TURBIDITY CURTAIN ECD- 21 DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK 6121 DI- 1 **DETAILED INDEX** ECD- 22 6122 SEDIMENT RETENTION BARRIER **GENERAL NOTES GN-1 EROSION CONTROL BLANKET** ECB- 1 6131 **GN-2 GENERAL NOTES** TCP- 1 6351 TRAFFIC CONTROL PLAN WITH FLAGGER (ONE- LANE CLOSURE OF TWO- WAY TRAFFIC) TYPICAL SECTION SHEETS (3) TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 MPH OR 70 MPH (INTERSTATES AND OTHER 4- LANE DIVIDED TCP- 4 6354 HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD) TS- 1 TYPICAL SECTION - NEW CONSTRUCTION TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 MPH OR 70 MPH (INTERSTATES AND OTHER 4- LANE DIVIDED TCP- 5 6355 **TS-2** TYPICAL SECTION - TEMPORARY CONNECTORS HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY) TYPICAL SECTION - SLOPE ANCHOR DETAIL **TS-3** HIGHWAY SIGN AND BARRICADE DETAILS FOR CONSTRUCTION PROJECTS TCP-8 6358 TRAFFIC CONTROL PLAN FOR TEMPORARY CONSTRUCTION CROSSOVER (WORK DAY ONLY) TCP- 11 6361 **QUANTITY SHEETS (5)** TCP- 12 6362 TRAFFIC CONTROL PLAN: UNEVEN PAVEMENT DETAILS TCP- 13 6363 TEMPORARY STRIPING FOR TRAFFIC CONTROL 2- LANE AND 4- LANE DIVIDED HIGHWAYS **SQS-1** SUMMARY OF QUANTITIES TCP- 15 6365 LOCATION OF R16-3 SIGNS (SPEEDING FINES DOUBLED) **SUMMARY OF QUANTITIES** SQS-2 TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE **TCP-16** 6366 PI- 1 6501 PIPE CULVERT INSTALLATION **ESTIMATED QUANTITIES** EQ- 1 TYPE I MEDIAN INLET (24" PIPE AND UNDER) 6508 **EQ-2 ESTIMATED QUANTITIES** DETAILS OF GRATES FOR MEDIAN INLETS IG- 1 6516 TCP- Q 12 TRAFFIC CONTROL PLAN QUANTITIES PA- 1 PAVED INLET APRON AND MEDIAN DITCH PLUG MH- 1 STORM SEWER STRUCTURE - PRECAST MANHOLE PLAN & PROFILE SHEETS (4) FE- 1 FLARED END SECTION FOR CONCRETE PIPE WK3 US61 NORTH OF SANDERS FORK ROAD - PLAN SHEET **CROSS SECTIONS (13)** WK3A US61 NORTH OF SANDERS FORK ROAD - PROFILE SHEET TEMPORARY CONNECTOR A - STA. 49+00.00 TO STA. 58+41.42 WK3B TEMPORARY CONNECTOR B - STA. 82+00.00 TO STA. 91.2903 WK3C US61 - STA. 658+70.00 TO STA. 682+40.00 9001- 9005 TEMPORARY CONNECTOR A - STA. 49+00.00 TO STA. 58+41.42 9006- 9009 **EROSION CONTROL SHEETS (4)** TEMPORARY CONNECTOR B - STA. 82+00.00 TO STA. 91.2903 9010- 9013 ECP3 US61 NORTH OF SANDERS FORK ROAD - PLAN SHEET US61 NORTH OF SANDERS FORK ROAD - PROFILE SHEET ECP3A ECP3B TEMPORARY CONNECTOR A - STA. 49+00.00 TO STA. 58+41.42 TEMPORARY CONNECTOR B - STA. 82+00.00 TO STA. 91.2903 ECP3C SPECIAL DESIGN SHEETS (8) 79 🚹 TOTAL SHEETS **VS-1** 21 **VEGETATION SCHEDULE** MTSD MISCELLANEOUS TYPICAL SECTION DETAILS 1MTSD 22 /1 DCS-1 23 DETAIL OF CONSTRUCTION SIGNING TC-1 TYPICAL TRAFFIC CONTROL PLANS - PHASE 1 25 TYPICAL TRAFFIC CONTROL PLANS - PHASE 2 TC-2 26 1 TYPICAL TRAFFIC CONTROL PLANS - PHASE 2 TC- 3 27 TYPICAL TRAFFIC CONTROL PLANS - PHASE 3 TC- 4 28 TYPICAL TRAFFIC CONTROL PLANS - PHASE 2: TEMPORARY STRIPING TC- 5 STANDARD DRAWINGS - ROADWAY SHEETS (41) 1 PAVEMENT MARKING DETAILS FOR 2- LANE & 4- LANE DIVIDED ROADWAYS PM- 1 6051 TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSOVERS PM-9 6059 2- WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (4- LANE) PM- 12 6062 RUMBLE STRIPES 4 - LANE HIGHWAYS (ASPHALT LANES, 2 - FT OR WIDER ASPHALT SHOULDERS **RS-2** 6065 TYPICAL TEMPORARY EROSION CONTROL/SEDIMENT CONTROL APPLICATIONS ECD-1 6101 ECD-2 6102 DETAILS OF SEDIMENT BARRIER APPLICATIONS ECD-3 6103 DETAILS OF SILT FENCE INSTALLATION ECD-4 DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS 6104 TEMPORARY EROSION, SEDIMENT, & WATER POLLUTION CONTROL MEASURES (SILT FENCE & HAY BALE DITCH CHECKS) ECD-5 6105 ECD-6 DETAILS OF EROSION CONTROL WATTLE DITCH CHECK 6106 HDR DETAILS OF EROSION CONTROL SILT DIKE DITCH CHECK **ECD-7** 6107 PS & E PLANS-DATE 06-15-22 ECD-8 6108 ROCK DITCH CHECK ECD-9 6109 **ROCK FILTER DAM** MISSISSIPPI DEPARTMENT OF TRANSPORTATION FMS CON. # 107541/302000 ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM ECD- 10 6110 | | | | | US 61 NORTH OF SANDERS FORK RD REVISIONS TYPICAL APPLICATIONS & DETAILS FOR INLET CONSTRUCTION ECD- 11 6111 INLET PROTECTION DETAILS FOR SEDIMENT CONTROL STONE ON GRADES AND SAGS ECD- 12 6112 SHEET NO. ΒY DATE PROFESSION ENGINEER 2. P. 12621 DETAILED INDEX ECD- 13 INLET PROTECTION DETAILS OF WATTLES 6113 Ø8/11/22 2, 5, 6, 8, 9, 11, 22, INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE ECD- 14 6114 23, 24, 25, 26, 27, 28 6115 INLET PROTECTION DETAILS OF SANDBAGS ECD- 15 6/14/2022 OF MISSISS STABILIZED CONSTRUCTION ENTRANCE ECD- 16 6116 PROJ. NO.: STP-0009-01(153) WORKING NUMBER COUNTY: WILKINSON DI-1 SHEET NUMBER 片 FILE NAME: <u>DI-1.dgn</u>

- 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 25% SHRINKAGE FACTOR USED IN THE EARTHWORK CALCULATIONS IS FOR DESIGN ESTIMATING PURPOSES ONLY.
- 5 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.
- 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.
- 7 WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- 8 FOR LIST OF PUBLIC UTILITIES, SEE WK3
- 9 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.
- 10 THE RETROREFLECTIVE SIGN SHEETING ON RIGID, TEMPORARY TRAFFIC CONTROL (ORANGE) SIGNS SHALL BE MINIMUM TYPE IX.
- 11 LOW SHOULDER (W8-9) SIGNS MAY BE REQUIRED AS PER STANDARD DRAWING TCP-16
- 12 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.
- 13 VEGETATIVE MATERIAL WILL BE REMOVED PRIOR TO PLACEMENT OF GRANULAR MATERIAL, THE COST OF WHICH SHALL BE ABSORBED IN OTHER ITEMS BID.
- 14 THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SHOULDER THAT MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO THE SHOULDER WILL BE IN ACCORDANCE WITH *THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION*. NO PAYMENT WILL BE MADE FOR REPAIR OF THE DAMAGED SHOULDER.
- 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.
- 16 THE CONTRACTOR SHALL COVER OR REMOVE ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE.

GENERAL NOTES (CONT.)

- 17 REMOVAL OF RAISED PAVEMENT MARKERS THAT ARE IN CONFLICT WITH REQUIRED CONSTRUCTION IS NOT CONSIDERED A SEPARATE PAY ITEM. THIS COST IS TO BE ABSORBED IN OTHER ITEMS BID.
- 18 REMOVAL OF OBJECT MARKERS IS NOT CONSIDERED A SEPARATE PAY ITEM AND SHALL BE ABSORBED IN OTHER ITEMS BID.
- 19 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.
- 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.
- 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.
- 22 THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER.
- 23 TEMPORARY STRIPING SHALL CONFORM TO FINISHED STRIPE SPECIFICATIONS FOR ALIGNMENT, NEATNESS, AND STRAIGHTNESS.
- 24 ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- 25 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.
- 26 ALL ADDENDA TO THESE PLANS WILL BE POSTED TO <u>WWW.MDOT.MS.GOV</u> 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.
- 27 THE COST FOR REMOVAL OF ALL HEADWALLS AND WINGWALLS (PIPES, BOX CULVERTS, BOX BRIDGES) SHALL BE ABSORBED IN OTHER ITEMS BID.
- 28 STORAGE OF FLAMMABLE MATERIALS WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURES WITHOUT WRITTEN APPROVAL FROM THE PROJECT ENGINEER. SEE NOTICE TO BIDDERS ENTITLED "MATERIAL STORAGE UNDER BRIDGES" FOR MORE INFORMATION.

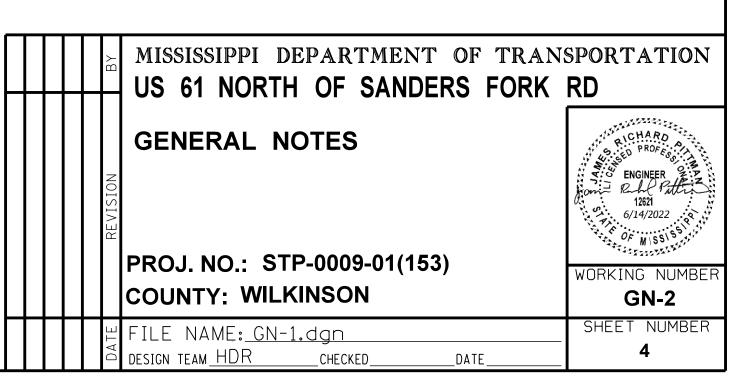


FMS CON: 107541/302000

| STATE | PROJECT NO. |
|-------|------------------|
| MISS. | STP-0009-01(153) |

GENERAL NOTES (CONT.)

- 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.
- 30 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.
- 31 ALL 24-INCH RCP SHALL BE CLASS IV RCP IN ACCORDANCE WITH MDOT STANDARD SPECIFICATIONS WITH O-RING RUBBER GASKET TYPE BELL AND SPIGOT END SECTIONS MEETING THE REQUIREMENTS OF ASTM C 443 AND ASTM C 361.
- PIPE BACKFILL SHALL CONSIST OF CLASS B9-6 BORROW EXCAVATION PLACED AND COMPACTED IN ACCORDANCE WITH MDOT STANDARD SPECIFICATIONS.
- 33 MANHOLES SHALL CONSIST OF PRECAST CONCRETE STRUCTURES IN ACCORDANCE WITH MDOT STANDARD SPECIFICATIONS.
- 34 NO TEMPORARY CULVERT STREAM CROSSINGS WILL BE ALLOWED.
- THE MANHOLE BASE SHALL BE CONSTRUCTED ON A SOIL FOUNDATION CAPABLE OF SUPPORTING THE STRUCTURE AND INTERIOR WATER LOADS. A MINIMUM 1-FOOT-THICK LAYER OF COMPACTED CRUSHED STONE BASE SHALL BE PLACED BELOW THE MANHOLE BASE.
- MANHOLES SHALL BE BACKFILLED IN ACCORDANCE WITH MDOT STANDARD SPECIFICATIONS. THE IMMEDIATE BACKFILL MATERIAL SHALL CONSIST OF A 1.5-FOOT-WIDE PERIMETER OF CRUSHED STONE BASE TO WITHIN 10 FEET OF FINISHED GRADE. BACKFILL MATERIAL BEYOND THE 1.5-FOOT AGGREGATE ZONE SHALL CONSIST OF CLASS B9-6 BORROW EXCAVATION.
- 37 A CONCRETE COLLAR CONSISTENT WITH THE CONCRETE PIPE COLLAR PRESENTED IN ROADWAY STANDARD DRAWING PC-1 SHALL BE USED TO PROVIDE A CONNECTION BETWEEN THE MANHOLE AND RCP PIPE.



PLAN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION