1st O.REV.

GENERAL INDEX

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| PERMANENT SIGNS 10 TRAFFIC SIGNALS 20 ITS COMPONENTS 30 LIGHTING 40 (RESERVED) 50 ROADWAY STANDARD DWGS 60 BRIDGE STANDARD DWGS 70 BRIDGE 80 | EET |
| TRAFFIC SIGNALS 20 ITS COMPONENTS 30 LIGHTING 40 (RESERVED) 50 ROADWAY STANDARD DWGS 60 BRIDGE STANDARD DWGS 70 BRIDGE 80 | 1 |
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| BRIDGE 80 | 001 |
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| CROSS SECTIONS 90 | 001 |
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STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. ER-0063-04(006)

CHICKASAWHAY RIVER BANK STABILIZATION AT SR 42 BRIDGE NO. 107.9
GREENE COUNTY

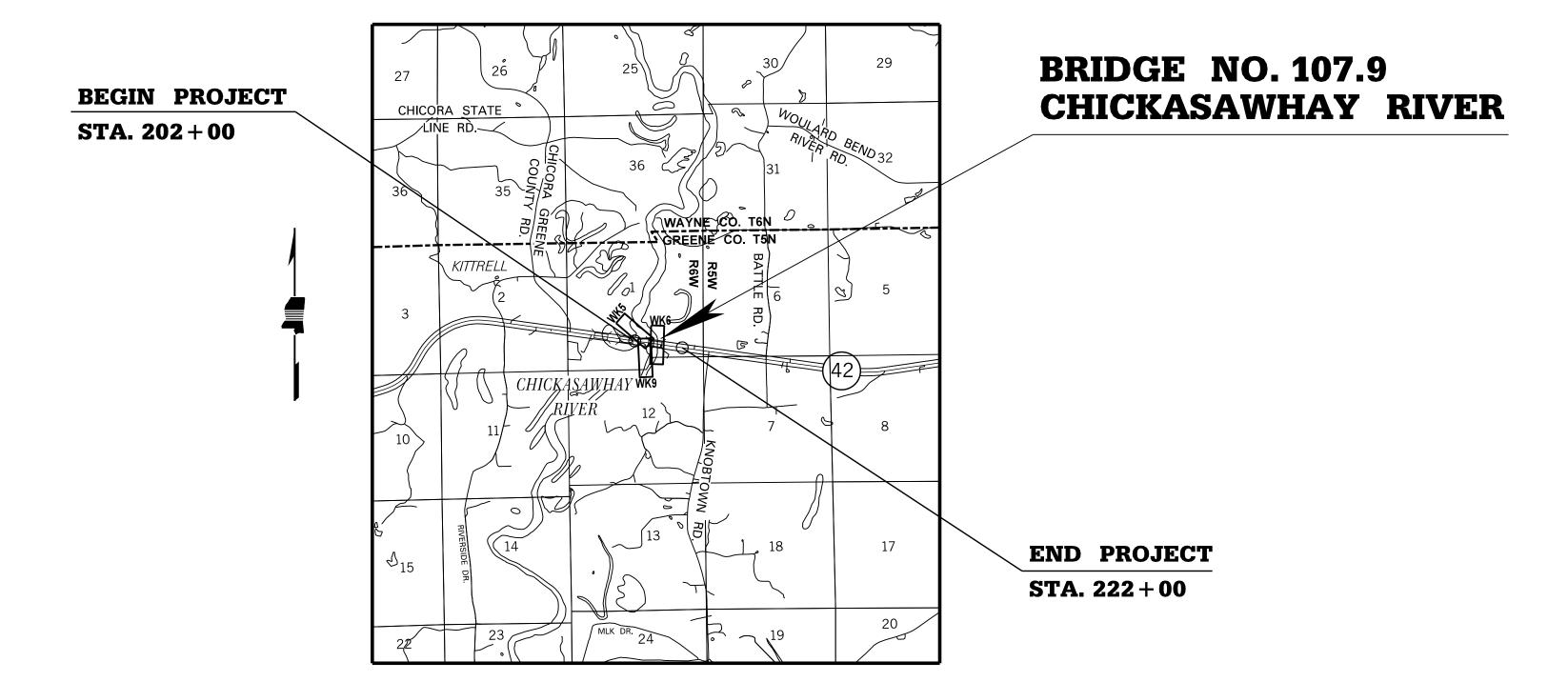
| | SCALE | S | |
|-----------|-------|--------|------|
| PLAN | | 1 IN.= | 50 F |
| PROFILE { | HOR. | 1 IN.= | 50 F |
| L KOLITE | VERT. | 1 IN.= | 5 FT |
| LAYOUT | | 1 IN.= | 50 F |

FMS CON 106793 /301000

BRIDGE STRUCTURES REQ'D.
N/A

BOX BRIDGES REQ'D.

N/A



PERMITS ACQUIRED BY MDOT WETLANDS AND WATERS PERMITS WATERS WETLANDS NATIONWIDE #14 N N NATIONWIDE (OTHER)* Y Y GENERAL* N N INDIVIDUAL (404)* N N STORMWATER PERMIT S Y REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES) S REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES) N NO STORMWATER PERMIT REQUIRED (<1 ACRE)

STATE MAP

★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 31°25′23″N LONG. 88°32′30″W (APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL

SHEET

STATE | PROJECT NO.

MISS. | ER-0063-04(006)

CONVENTIONAL SYMBOLS

| COUNTY LINE | |
|-------------------------------|-------------|
| TOWN CORPORATION LINE | |
| SECTION LINE | |
| EXISTING ROAD OR TRAVELED WAY | |
| PROPOSED ROAD OR TRAVELED WAY | |
| RAILROAD ++++ | |
| SURVEY LINE | • |
| BRIDGES | \preceq |

EQUATIONS

N/A

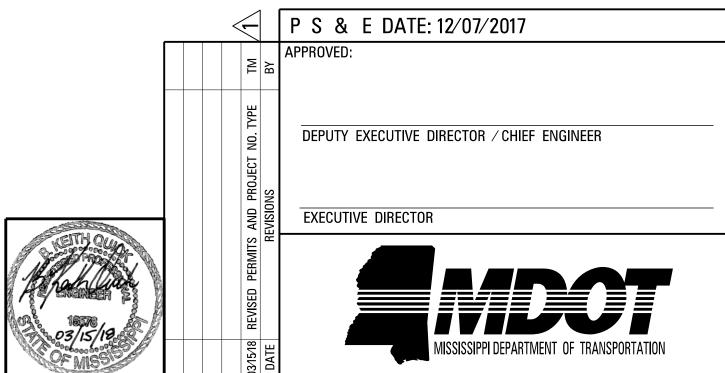
LENGTH DATA

| I OF ROADWAY | 1,179 | FT. | 0.22 |
|----------------------|-------|-----|-------------|
| I OF BRIDGES | 821 | FT. | 0.16 |
| I OF PROJECT (NET) | | | 0.38 |
| I OF EXCEPTIONS | 0.00 | FT. | 0.00 |
| I OF PROJECT (GROSS) | | | Ø.38 |

LENGTH

EXCEPTIONS

N/A



ER-0063-04(006)

GREENE

COUNTY

1

STATE PROJECT NO.

MISS. ER-0063-04(006)

| DESCRIPTION OF SHEET | REVISION DATE | WKG. NO. | SH. NO. |
|--|--|--|---|
| TITLE SHEET (1) | 03/15/18 | _ | 1 |
| DETAILED INDEX & GENERAL NOTES (2) | | | |
| DETAILED INDEX GENERAL NOTES | | DI—1 GN—1 | 2 3 |
| TYPICAL SECTION SHEETS (3) | | | |
| TYPICAL SECTION — RIPRAP REVETMENT TYPICAL SECTION — BENDWAY WEIR, LONGITUDINAL FILL STONE DIKE, LONGITUDINAL PEAKED STONE DIKE TYPICAL SECTION — WINDROW DIKE, TRENCH—FILL, RIPRAP TOE REVETMENT | 03/15/18 | TS–1 TS–2 TS–3 | 4 5 6 |
| QUANTITY SHEETS (4) | | 10 0 | Ū |
| SUMMARY OF QUANTITIES | 03/15/18 | SQS-1 | 7 |
| ESTIMATED QUANTITIES — SUMMARY OF TRAFFIC CONTROL ITEMS, EARTHWORK ESTIMATED QUANTITIES — PERMANENT EROSION CONTROL ITEMS, CLEARING AND GRUBBING ESTIMATED QUANTITIES — TRAFFIC CONTROL SIGNS | 03/15/18 | EQ-1 EQ-2 TCPQ-1 | 8 9 10 |
| PLAN & PROFILE SHEETS (7) | | | |
| SITE PLAN — CHICKASAWHAY RIVER BANK STABILIZATION AT SR 42 BRIDGE NO. 107.9 SITE PALN — CHICKASAWHAY RIVER WEST BANK COUNTERMEASURES PLAN /PROFILE — CHICKASAWHAY RIVER WEST BANK PLAN /PROFILE — CHICKASAWHAY RIVER WEST BANK | 03/15/18 03/15/18 03/15/18 03/15/18 | WK-3 WK-4 WK-5 WK-6 | 11 12 13 14 |
| PLAN /PROFILE — SPUR DIKE SITE PLAN — CHICKASAWHAY RIVER EAST BANK COUNTERMEASURES PLAN /PROFILE — CHICKASAWHAY RIVER EAST BANK | 03/15/18 03/15/18 03/15/18 | WK–7 WK–8 WK–9 | 15 16 17 |
| SPECIAL DESIGN SHEETS (22) | | | |
| SOIL BORING LOCATIONS GRAPHICAL SOIL BORING LOGS GRAPHICAL SOIL BORING LOGS GRAPHICAL SOIL BORING LOGS SUBSURFACE SOIL PROFILE | | BL-1 GL-1 GL-2 GL-3 SP-1 | 18 19 20 21 22 |
| STAGE HYDROGRAPH — USGS GAGE STATION #02478500 CHICKASAWHAY RIVER AT LEAKESVILLE, N STAGE HYDROGRAPH — USGS GAGE STATION #02477500 CHICKASAWHAY RIVER NEAR WAYNESBORO, MS | MS | SH–1 SH–2 | 23 24 |
| STAGE HYDROGRAPH — DISCHARGE RELATION EROSION CONTROL PLAN — CHICKASAWHAY RIVER WEST BANK COUNTERMEASURES EROSION CONTROL PLAN — CHICKASAWHAY RIVER EAST BANK COUNTERMEASURES | 03/15/18 03/15/18 | SDR–1 ECP–4 ECP–8 | 25 26 27 |
| VEGETATION SCHEDULE EROSION CONTROL CONSTRUCTION SIGNING CONSTRUCTION SIGNING SURVEY CONTROL SHEET RIGHT — OF — WAY MARKERS EASEMENT COORDINATES PROJECT FH—S—39—1(1)/S—0221(1)A AS—BUILT BRIDGE PLANS | | VS-1 EC-1 CS-1 CS-2 GPS-CN RWC-1 RWC-2 | 28 29 30 31 32 33 34 35–39 |
| STANDARD DRAWINGS - ROADWAY SHEETS (38) | | | |
| TYPICAL TEMPORARY EROSION/SEDIMENT CONTROL APPLICATIONS DETAILS OF SEDIMENT BARRIER APPLICATIONS DETAILS OF SILT FENCE INSTALLATION DITCH CHECK STRUCTURES, TYPICAL APPLICATIONS AND DETAILS TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES, | | ECD-1 ECD-2 ECD-3 ECD-4 ECD-5 | 6101 6102 6103 6104 6105 |
| SILT FENCE AND HAY BALE DITCH CHECKS DETAILS OF EROSION CONTROL WATTLE DITCH CHECK DETAIL OF EROSION CONTROL SILT DIKE DITCH CHECKS ROCK DITCH CHECK ROCK FILTER DAM ROCK DITCH CHECK WITH SUMP EXCAVATION AND ROCK FILTER DAM | | ECD-6 ECD-7 ECD-8 ECD-9 ECD-10 | 6106 6107 6108 6109 6110 |
| | | | |

| DESCRIPTION OF SHEET | REVISION DATE | WKG. NO. | SH. NO. |
|---|------------------|------------------|--------------------------|
| ANDARD DRAWINGS — ROADWAY SHEETS (CONTINUED) | | | |
| INVEST PROTECTION TYPICAL APPLICATIONS AND DETAILS | | FCD 11 | C111 |
| INLET PROTECTION TYPICAL APPLICATIONS AND DETAILS | | ECD–11 ECD–12 | 6111 6112 |
| INLET PROTECTION DETAILS FOR COARSE AGGREGATE ON GRADES AND SAGS INLET PROTECTION DETAILS OF WATTLES | | ECD-12 ECD-13 | 6112 6113 |
| INLET PROTECTION DETAILS OF WATTLES INLET PROTECTION DETAILS OF MANUFACTURED INLET PROTECTION DEVICE | | ECD-13 ECD-14 | 6114 |
| INLET PROTECTION DETAILS OF MANOPACTORED INLET PROTECTION DEVICE | | ECD-14 ECD-15 | 611 4 6115 |
| STABILIZED CONSTRUCTION ENTRANCE | | ECD-15 | 6116 |
| TEMPORARY CULVERT STREAM CROSSING | | ECD-17 | 6117 |
| TEMPORARY STREAM DIVERSION | | ECD-18 | 6118 |
| TEMPORARY STREAM DIVERSION (BOX EXTENSIONS) | | ECD-19 | 6119 |
| FLOATING TURBIDITY CURTAIN | | ECD-20 | 6120 |
| DETAILS OF EROSION CONTROL SANDBAG DITCH CHECK | | ECD-21 | 6121 |
| SEDIMENT RETENTION BARRIER | | ECD-22 | 6122 |
| DETAILS OF TYPICAL DITCH TREATMENT | | DT–1 | 6123 |
| DITCH TREATMENT INSTALLATION DETAIL FOR SOIL REINFORCING MAT | | DT–1A | 6124 |
| TYPICAL TEMPORARY EROSION CONTROL MEASURES (SLOPE DRAIN AND TYPE A SILT BASIN) | | BAS-A | 6125 |
| TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE B SILT BASIN) | | BAS-B | 6126 |
| EROSION CONTROL BLANKET | | ECB-1 | 6131 |
| TRAFFIC CONTROL PLAN WITH FLAGGER (ONE— LANE OF TWO —WAY TRAFFIC) | | TCP-1 | 6351 |
| SHORT DURATION CLOSING OF TWO— LANE TWO—WAY HIGHWAYS | | TCP-6 | 6356 |
| 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 |
| LOCATION OF R16–3 SIGNS | | TCP-15 | 6365 |
| TRAFFIC CONTROL DRUM PLACEMENT AND SHOULDER CLOSURE DETAIL | | TCP-16 | 6366 |
| RIGHT — OF — WAY MARKER | | RW–1 | 6401 |
| RURAL DRIVEWAYS | | RD–1 | 6403 |
| TYPICAL GRADING TRANSITION BETWEEN CUTS AND FILLS | | GT–1 | 6404 |
| GUIDE BANK (SPUR DIKE): EARTH | | ED–1 | 6406 |
| MISCELLANEOUS DETAIL SHEET | | MDS–1 | 6425 |
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| CHICKASAWHAY RIVER WEST BANK COUNTERMEASURES | | | 9001 – 9014 |
| SPUR DIKE RECONSTRUCTION | | | 9015 - 9017 |
| CHICKASAWHAY RIVER EAST BANK COUNTERMEASURES | | | 9018 - 903 |
| | | | |
| TOTAL SHEETS | | | 108 |

MENDROP ENGINEERING RESOURCES, LLC

| | MENDROP ENGINEERING RESOURCES, LLC | |
|----------|---|----|
| | PS & E PLANS -DATE 12/07/17 | |
| | FMS CONST. No. 106793 / 301000 | |
| | PLAN REVISIONS | |
| DATE | SHEET NO. | ВҮ |
| Ø3/15/18 | 1, 4, 7, 10, 11, 12, 13, 14, 15, 16, 17, 26, 27 | TM |
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|----------|---|---|----------|---|---|
| \vdash | H | + | + | DETAILED INDEX | |
| | | | REVISION | CHICKASAWHAY RIVER BANK STABILIZATION AT SR 42 BRIDGE NO. 107.9 | A PARTIE OF THE |
| | | | | COUNTY: GREENE | WORKING NUMBER |
| | | | | PROJ. NUM.: ER-0063-04(006) | D1-1 |

별 FILENAME: <u>DI.DGN</u>

DESIGN TEAM <u>MER, LLC</u>CHECKED

SHEET NUMBER
Ø2

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 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) 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.
- (6) VOIDS CREATED BY THE REMOVAL OF, BUT NOT LIMITED TO, POSTS, CONCRETE ANCHORS, AND FOOTINGS SHALL BE BACK FILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- (7) 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.
- (8) 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.
- (9) 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.
- 10 WIRE FENCE BACKING WILL BE REQUIRED FOR ALL SILT FENCE. (SEE WK. NO. ECD-3)
- (11) LIST OF PUBLIC UTILITIES A. SINGING RIVER ELECTRIC POWER ASSOCIATION JEFF CATLETT (601)989-2345 EXT.2496 SAND HILL, MS B. TDS TELECOM

DONNIE JIMERSON (AREA MANAGER) (601)459-0004 BUTLER, AL

C. AT&T

STEVE WATKINS (601)482-0178 MERIDIAN, MS

- (12) 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.
- (13) 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.
- (14) THE CONTRACTOR SHALL COVER ANY TEMPORARY TRAFFIC CONTROL SIGNS SHOWN IN THE TRAFFIC CONTROL PLAN THAT DO NOT APPLY TO THE CURRENT PHASE
- (15) 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.

- 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
- (17) THE CONTRACTOR IS RESPONSIBLE FOR FIELD-VERIFICATION OF EXISTING GRADES AND MAKING ADJUSTMENTS AS NECESSARY WITH THE APPROVAL OF THE PROJECT ENGINEER
- (18) ALL ITEMS OF WORK ASSOCIATED WITH THE INSTALLATION OF A CONSTRUCTION ENTRANCE SHALL BE ABSORBED IN OTHER ITEMS OF WORK.
- (19) 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.
- (20) 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.
- (21) CLEARING LIMITS SHOWN ARE THE MAXIMUM LIMITS UNLESS OTHERWISE APPROVED BY THE ENGINEER. CLEARING OF AREAS OTHER THAN THOSE AREAS DESIGNATED IS NOT REQUIRED. THE AREA TO BE CLEARED SHALL BE THE MINIMUM NECESSARY FOR CONSTRUCTION.
- AUGER LOGS, AND BORING LOCATIONS ARE INCLUDED IN THE PLANS. THE FULL REPORT IS ON FILE AND IS AVAILABLE FOR EXAMINATION THE DEPARTMENT DOES NOT GUARANTEE THAT THE MATERIALS PRESENTED IN THE REPORT ARE NECESSARILY FOUND OUTSIDE OF THE TEST HOLE LOCATIONS.

