TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	BRZE-2600(37)	2D3

TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

SPECIAL NOTES

GRADING

(1) THE GRADING TABULATIONS AND RESULTING EARTHWORK ASSOCIATED BID QUANTITIES WERE PREPARED UTILIZING AVAILABLE GEOTECHNICAL INFORMATION AND/OR REPORTS PREPARED FOR THIS PROJECT. THIS INFORMATION IS PROVIDED FOR GENERAL INFORMATION AND ESTIMATION GUIDANCE ONLY.

(2) BORING DEPICTIONS SHOWN ON THE FOUNDATION DATA SHEETS, SOILS SHEETS, PLANS, AND CROSS-SECTIONS INDICATE SOIL AND ROCK CONDITIONS AT THE SPECIFIC BORING LOCATIONS. ANY SOIL PROFILE AND/OR ROCK LINE IS INTERPRETIVE BASED ON THE JUDGMENT OF THE GEOTECHNICAL ENGINEER/GEOLOGIST. THE TRANSITION BETWEEN BORINGS AND LAYERS MAY VARY SIGNIFICANTLY DEPENDING ON THE GEOLOGIC FORMATIONS ENCOUNTERED.

(3) TO ASSIST IN BID PREPARATION FOR EARTHWORK AND FOUNDATION CONSTRUCTION, DETAIL ROCK AND SOIL DESCRIPTION AND ON SOME PROJECTS, ROCK CORE SAMPLES ARE AVAILABLE FOR INSPECTION AT THE MATERIALS AND TESTS HEADQUARTERS AT 6601 CENTENNIAL BOULEVARD, NASHVILLE, TN OR AT THE TDOT REGION 1 BUILDING IN KNOXVILLE, TN.

(4) THE CONTRACTOR SHALL UTILIZE ALL INFORMATION PROVIDED IN THE PLANS, CROSS-SECTIONS AND CONTRACT DOCUMENTS INCLUDING ANY SPECIAL PROVISIONS AS WELL AS UTILIZING HIS PAST EXPERIENCE WITH PROJECTS OF SIMILAR NATURE, SCOPE AND LOCATION IN PREPARATION OF HIS BID FOR EARTHWORK ITEMS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND PROVIDE EQUIPMENT AND MEANS NECESSARY TO CONDUCT THE EXCAVATION ACTIVITIES IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.

(5) EARTHWORK IS PAID FOR UNDER ITEM 203-01, ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED). NO ADDITIONAL PAYMENT WILL BE MADE FOR EARTHWORK QUANTITIES BASED SOLELY ON A CLAIM THAT THE QUANTITIES SHOWN IN THE GRADING TABULATION OR ELSEWHERE IN THE PLANS ARE INACCURATE WITH RESPECT TO THE TYPE OF MATERIALS ENCOUNTERED DURING CONSTRUCTION EXCEPT AS PROVIDED FOR BY SECTION 104.02 IN THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR AS AMENDED IN SUPPLEMENTAL SPECIFICATIONS.

EROSION PREVENTION AND SEDIMENT CONTROL

NPDES

(1) REFER TO THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN, SHEET 8, FOR NOTES REGARDING SEASONAL WORK LIMITATION OR LIMITATION ON THE TOTAL AREA OF EXPOSED SOIL.

ENVIRONMENTAL

ECOLOGY

(2) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE WILL ADVISE THE CONTRACTOR DURING THE PRE-CONSTRUCTION MEETING CONCERNING WHEN ENVIRONMENTAL DIVISION PERSONNEL OR DESIGNATED CONSULTANT WILL NEED TO BE ON-SITE FOR WORK BEING DONE WHICH COULD AFFECT THE STREAM OR SPECIES.

(3) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE WILL ATTEND THE PRE-CONSTRUCTION MEETING FOR ALL PROJECTS WHICH HAVE THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITAT PROXIMAL TO SCHEDULED BRIDGE WORK. THIS WILL PROVIDE THE OPPORTUNITY TO ENSURE THAT PERSONNEL INCLUDING THE CONTRACTOR'S PERSONNEL AND SUBCONTRACTORS ARE MADE AWARE OF THE NECESSARY PRECAUTIONS WHICH MUST BE FOLLOWED.

(4) ALL BRIDGE PROJECTS WITH THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITAT IDENTIFIED MUST HAVE MEASURES IN PLACE TO CONTAIN CONCRETE DUST, CEMENT DUST AND ALL OTHER MATERIALS. THESE MATERIALS ARE NOT ALLOWED TO ENTER THE STREAM.

(5) HIGH VISIBILITY FENCE SHALL BE PLACED AROUND ALL NON-IMPACTED SECTIONS OF THE ENVIRONMENTAL FEATURES WITHIN THE PROPOSED ROW.

(6) Removal of the existing bridge should be accomplished with as little disturbance to Crow Creek as possible. The bridge will have to be dismantled and removed such that it will not be dropped into the stream, or have any material dropped into the stream. If material inadvertently falls into the water, it must be removed immediately. The existing piers currently create blockage of flow from debris (especially large trees), so they should be removed or cut off at least one foot below the low water mark, as this stream is considered a navigable waterway. This will also help prevent water back-up and bank erosion in the area of the proposed bridge. Please contact Deedee Kathman (TDOT Environmental; R.Deedee.Kathman@tn.gov; 615-253-2472) at least 3 days prior to demolition of the existing bridge.

(7) During removal of the existing bridge the endwalls on each bank should be left in place to help stabilize the banks. Please contact Deedee Kathman (TDOT Environmental; R.Deedee.Kathman@tn.gov; 615-253-2472) at least 3 days prior to demolition of the existing bridge, as she will need to be present to ensure the endwalls should be left in place.

(8) No equipment will be allowed in Crow Creek or Cross Creek, as both are ETWs (Exceptional Tennessee Waters). Please place orange fencing at the end of project (to the immediate west of Cross Creek) to ensure that this stream is not disturbed.

(9) No equipment can be left on the rock pad overnight, on weekends, or if there is a forecast for rain.

(10) No oil, gas, or other petroleum products will be allowed near the creek, and no re-fueling should take place on the mat.

(11) Equipment and staging areas will occur at least 50 feet from Crow Creek and Cross Creek.

(12) Equipment will be checked daily for petroleum leaks, and leakage problems addressed immediately. All equipment will have absorbent pads ("diapers") placed on them to prevent runoff if leaks should occur.

(13) Clearing and grubbing will be restricted to only that absolutely required. Large trees will be cut, and their stumps left in the ground, if possible.

(14) No material will be obtained from the streambed, and no material will be placed into it.

(15) Please attempt to maintain a buffer zone along either side of the stream.

(16) All concrete or cement dust or other materials must be contained, and none allowed to enter the stream, per TDOT's Design Guidelines.

(17) The contractor must have plans in place to remove any rock from the rock pad that washes into the stream and is possible to remove without disturbing additional areas. The plan must be in place prior to completion of the rock pad.

(18) Orange fencing should be placed along the buffer zone to prevent disturbance.

(19) Strictly adhere to all EPSC and SWPPP requirements.

(20) Mobilization or stockpiling should occur outside of the buffer zone, and not affect wetlands.

(21) Orange fencing should be placed along the ROW for WTL-2 and WTL-3, to ensure they are no affected. The remaining portions of these wetlands must maintain their elevation and hydrological attributes to remain unaffected by construction.

(22) Immediately following removal of the rock pad, the bank will be stabilized using Natural Channel Design. Notify Emily Gwaltney (Stantec, 615-495-1987) and Deedee Kathman (615-253-2472) at least two weeks prior to the removal to prepare for bank stabilization. The bridge contractor will be responsible for following the plans, which includes removing eh material, sloping the bank, installation of stabilization measures, and planting vegetation. Stantec will be on site for oversight of the entire process.

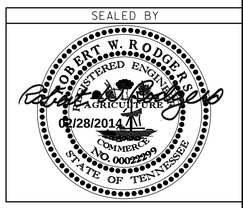
STREAM RELOCATION

(23) ONCE WATER IS DIVERTED INTO A NEWLY CONSTRUCTED AND STABILIZED RELOCATED STREAM / CHANNEL THE ECOLOGY SECTION MUST BE NOTIFIED. THE STREAM NAME, STREAM NUMBER, AND DATE THE WATER WAS DIVERTED INTO THE STREAM / CHANNEL IS TO BE SUPPLIED WITH THE NOTIFICATION.

SCOPE OF WORK

- **THE GRADING AND PAVING OF LEON STEPHENS RD. AND PVT. DR. TO THE LINES & GRADE AS INDICATED ON PLANS OR AS DIRECTED BY THE TDOT PROJECT SUPERVISOR**
- **THE INSTALLATION OF BRIDGE AS INDICATED ON PLANS**
- **THE INSTALLATION OF PAVEMENT MARKINGS, SIGNS AND TRAFFIC CONTROL AS INDICATED ON PLANS**
- **ALL TOPSOIL, SEEDING, DITCH LINING, SLOPE PROTECTION AND EPSC PROCEDURES REQUIRED FOR DITCH STABILIZATION AS INDICATED ON THE PLANS**
- **THE CONSTRUCTION OF AND/OR INSTALLATION OF ALL OTHER ITEMS INDICATED ON PLANS OR AS DIRECTED BY THE TDOT PROJECT SUPERVISOR FOR THE COMPLETE CONSTRUCTION OF THIS PROJECT, INCLUDING THE CONTROL AND MAINTENANCE OF TRAFFIC DURING CONSTRUCTION**

SEALED BY



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPECIAL NOTES

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