

FOR CLASS "A" CONCRETE: FOR STEEL REINFORCEMENT:

The assumed weight of fill material is 120 PSF. WEIGHT OF FILL MATERIAL:

BEVELED EDGES: Bevel all exposed edges $\frac{3}{4}$ ", unless otherwise noted.

FOOTING PRESSURE: Foundation materials for wing footings are required to resist a maximum bearing pressure of 2,400 psf at the AASHTO Service I limit state.

SAWCUTTING EXISTING CONCRETE: Prior to the removal of the existing concrete masonry, cut the surface with a concrete saw to a depth of one inch to facilitate a neat line. The cost of cutting concrete shall be included in the unit price bid for Remove Concrete Masonry.

EXISTING REINFORCING STEEL: Existing horizontal reinforcing steel in the portion of the barrel to be removed shall be cleaned and straightened in order to bond with new concrete. The cost of cleaning and straightening existing reinforcing steel shall be incidental to the unit price bid for Remove Concrete Masonry.

REINFORCEMENT: Dimensions shown from the face of concrete to bars are to center of bars, unless otherwise shown. Spacing of bars is from center to center of bars. Clear distance to face of concrete is 2", unless otherwise noted.

DIMENSIONS: Dimensions are for a normal temperature of 60 degrees Fahrenheit. Layout dimensions are horizontal dimensions.

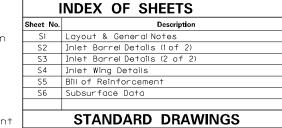
BEFORE YOU DIG: The contractor can call 1-800-752-6007 toll free a minimum of 2 business days prior to excavation for information on the location of existing utilities. Also, see utility plans.

in the bid for Class "A" Concrete.

BONDING TO EXISTING CONCRETE USING STRUCTURAL ADHESIVES: Bond proposed plastic concrete to existing hardened concrete in all locations using a Type V Epoxy Resin or other approved Structural Adhesive as prescribed in section 826 of the specifications. Follow the manufacturer's recommended application instructions. This work and material is incidental to the unit price bid for Class "A" Concrete.

GRANULAR EMBANKMENT: Excavate and replace soil with Granular Embankment within 2 feet below the bottom of the culvert slab. Granular replacement material shall consist of "Granular Embankment," non-erodible only, meeting the material requirements of Section 805 of the Standard Specifications. The maximum size limit for "Granular Embankment" is 4 inches. The excavation for the granular replacement shall extend a minimum width beyond the edges of the footings equal to the replacement depth. The granular replacement shall be placed on a IH: IV slope or flatter beginning 12" from the base of the footing to the bottom of the excavation. Place Geotextile Fabrics Type IV as a separator between the soil and the granular replacement. The Geotextile Fabric shall be in accordance with Section 214 and 843 of the Standard Specifications for Road and Bridge Construction, current edition.

COMPLETION OF THE STRUCTURE: The Contractor is required to complete the structure in accordance with the plans and specifications. Material, labor or construction operations, not otherwise specified, are to be included in the bid item most appropriate to the work involved. This may include cofferdams, shoring, excavations, backfilling, removal of all or parts of existing structures, phase construction, incidental materials, labor or anything else required to complete the structure.



BGX-012-02 Geotechnical Legend

SPECIFICATIONS

2012 Standard Specifications for Road and Bridge Construction

2012 AASHTO LRFD Bridge Design Specifications, 6th Edition

H. W. LOCHNER, INC. REVISION DATE: June. 2016 CHECKED BY DESIGNED BY: B. C. REID DETAILED BY: D.M. SMITHSON B.C. REID 27998 Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

Plans Prepared By:

Bryan C. Reid, P.E.

KY. No. 27998

ITEM NUMBER

10-126.70

WOLF-MORGAN

STATE ROAD FORK CR 1226

LEXINGTON, KENTUCKY

LAYOUT AND GENERAL NOTES

LOCHNER H.W. LOCHNER, INC.



DATE

