GENERAL ELEVATION A-A

Fill Heights

LOCATION SKETCH

PLAN OF LAYOUT DIMENSIONS

Hydrologic Data

General Notes:

Design Specifications:

2010 AASHTO LRFD Bridge Design Specifications and 2010 Interim Revisions

Design Loading:

- Vertical (Longitudinal & Transverse): 120 kips
- Equivalent Fluid Pressure: 30 kN/m² (min.), 60 kN/m² (max.)
- Design Unit Stresses:
  - Class B-1 Concrete (Box Culvert): 4,000 psi
  - Reinforcing Steel (Grade 60): fy = 60,000 psi

Standard Panels

- 703.37, 703.42, 703.46, 703.47

Miscellaneous:

- All construction personnel will indicate the type of box culvert used.

- Concrete Box Culvert: Design Loads

- Reinforcement:
  - Horizontal: 1 in. (6-mil) @ 12 in. on center
  - Vertical: 1 in. (6-mil) @ 6 in. on center

- Traffic Control:
  - Traffic shall be maintained during construction.
  - See roadway plans for traffic control.

CULVERT-BRIDGE: ROUTE * OVER *

PROJECT NO. BXC02
COUNTY MO
DISTRICT
PROJECT NO.  
BRIDGE NO. BXC02

Date Prepared: 3/8/2021

THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT.