GENERAL ELEVATION A-A

PLAN OF LAYOUT DIMENSIONS

Hydrologic Data

Design Flood Frequency = ___ years
Base Flood Discharge = ___ cfs
Design Flood Discharge = ___ cfs
Base Flood Elevation = _____
Design Flood Elevation = _____

Drainage Area = ___ mi²


cu. yard

Reinforcing Steel (Grade 60) fy = 60,000 psi
Class B-1 Concrete (Culverts-Bridge) f'c = 4,000 psi
Class 4 Excavation
Removal of Bridges

Interim Revisions
2010 AASHTO LRFD Bridge Design Specifications and 2010
Design Specifications:

General Notes:
Design Specifications:

Vehicular = HL-93 minus lane load, Earth = 120 lb/cf
Equivalent Fluid Pressure = 30 lb/cf (min.), 60 lb/cf (max.)

Design Loading:

Design Loadings

Designed:

Cast-in-Place Concrete Box used in
Precast Concrete Box used to build culvert constructed:
MoDOT Construction personnel will indicate the type of box

Miscellaneous:
MADOT Construction personnel will indicate the type of box

Cast-in-Place Concrete Box used
Precast Concrete Box used

When alternate precast concrete box sections are used, the

Minimum Reinforcement for precast concrete box sections shall be

Plane lowermost 3 bars near channel top shall be in accordance with Missouri Standard Plans.

Channel bottom shall be graded within the right of way for

Traffic Control:

Structure to be closed during construction. Traffic to be

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Structure to be closed during construction. Traffic to be

Location Sketch

Barrel Length

Granular Backfill Limits

Reinforcing Steel (Culverts-Bridge) Grade 60

PR. Gr. at Tie Sta. =
Downstream (Elev. 2) =
Upstream (Elev. 1) =

Fill heights are measured from the top of top slab to the top of shoulder or shoulder to shoulder

If unsuitable material is encountered, excavation of unsuitable material and
construction joint key not shown for

Dimensions are based on end units.
Fill heights are measured from the top of top slab to the top of shoulder or shoulder to shoulder

This drawing is not to scale. Follow dimensions.

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