

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date April 1, 2012
Attention All Employees Ref No. 521.1
From Gary Novey
Office Bridges and Structures
Subject Release of the LRFD Signed Triple Culvert Standards.
(CADD M0254)

Electronic copies are available in the following Office of Bridges and Structures standard directory **W:\Highway\Bridge\Standards\Bridges** and on the Internet:

<http://www.iowadot.gov/bridge/standard.htm>

The released standards are located on the Bridge Web site.

- The triple culvert barrels are designed for HL-93 live loads according to AASHTO LRFD Design Specifications.
- The new triple culvert barrel standards are available with sizes from triple 10' x 4' to triple 12' x 12'. The triple spans are 10' & 12'. The heights are 4', 5', 6', 7', 8', 9', 10', 11', & 12'.
- The fill heights range from 0' to 25' divided into groups of fill ranges shown on the standard sheets.
- The triple headwalls are the flared wing type with sizes available to accommodate the triple culvert barrel sizes.
- Barrel Bell Joints are available to accommodate the triple culvert barrel standards.

For any questions, please check with Stuart Nielsen or Thayne Sorenson.

GAN/ssn