

**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 Twin Culvert Standards.  
(CADD M0253)

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 twin culvert barrels are designed for HL-93 live loads according to AASHTO LRFD Design Specifications.
- The new twin culvert barrel standards are available with sizes from twin 8' x 4' to twin 12' x 12'. The twin spans are 8', 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 twin headwalls are the flared wing type with sizes available to accommodate the twin culvert barrel sizes.
- Barrel Bell Joints are available to accommodate the twin culvert barrel standards.

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

GAN/ssn