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 Single Culvert Standards. (CADD M0252)

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 single culvert barrels are designed for HL-93 live loads according to AASHTO LRFD Design Specifications.
- The new culvert barrels are available in sizes to accommodate these parallel wing headwalls with fill heights ranging from 0’ to 55’ divided into groups of fill ranges shown on the standard sheets.
- Barrel Bell Joints are available to accommodate the single culvert barrel standards.
- The flared wing type headwalls with Load Factor Design are still available for single barrel culverts.

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

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