

**IOWA DEPARTMENT OF TRANSPORTATION**

To Office Bridges and Structures Date June 1, 2010  
Attention All Employees Ref No. 521.1  
From Stuart Nielsen  
Office Bridges and Structures  
Subject Release of the English RS40-10 Standards.  
(CADD M0181)

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.

1. The RS40-10 standards are designed for LRFD specifications compared to the Voided RS40-06 standards.
2. Changes include pile bent piers were added, 45 degree skew bridges were added, 320'-0 & 340'-0 spans were added, and unsymmetrical bridge roadway sections were added.
3. Subdrains Details: RS40-89-10
  - a. The Granular Backfill Detail was deleted and a note was added referring to the Abutment Backfill details not shown on this sheet.

4. Wing Armoring Details: RS40-90-10 and RS40-91-10

- a. References to the Iowa DOT Construction Specifications were updated for the new 2009 series.

5. Abutment Backfill Details: RS40-92-10 to RS40-95-10

- a. The sheet was revised to meet the Office of Bridges and Structures standards for floodable backfill.

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

SSN/tos/bj