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