

## IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date October 1, 2008  
Attention All Employees Ref No. 521.1  
From Dean Bierwagen  
Office Bridges and Structures  
Subject Revision of the English Standards 1038, 1043 (revised to 1043s1), 1080, M1080, and 1031T. Release of the New Standard 1043s2. (CADD M0125)

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.dot.state.ia.us/bridge/standard.htm>

The following standards 1043 (revised to 1043s1), 1080, M1080, and 1031T have been revised:

- Standard 1043 was revised to 1043s1 and 1043s2.
  1. The Estimated Quantities box was removed and a space provided for the automated Estimated Culvert Quantities box placement.
  2. The GENERAL NOTES, LONGITUDINAL SECTION ALONG CENTERLINE OF CULVERT, SITUATION PLAN, and the U.A.C. EXISTING GRADE details were moved to standard sheet 1043s2.
  3. The GENERAL NOTES were updated to include the bar labeling note (cell E189) and the keyway note ( cell E/M 443)

- Standard 1080 and M1080

The Estimated Quantities box was removed and a space provided for the automated Estimated Quantities box placement.

- Standard 1038

1. The Estimated Quantities box was removed and a space provided for the automated Estimated Quantities box placement.
2. Notes for Specifications and Design stresses were updated.

- Standard 1031T

1. The Estimated Quantities box was removed and a space provided for the automated Estimated Quantities box placement.
2. The Dowel Setting note A. was revised to “POLYMER GROUT SYSTEM”.

3. The RETROFIT BARRIER RAILING NOTES were updated to include notes for the BR mix for slipforming or cast-in-place (E188/M188) and the bar labeling note (CADD note E189).

These revised standards and the released standard should be used on all new projects. If you have any questions on the issued sheets, please check with Thayne Sorenson or Dean Bierwagen.

GAN/dgb/bj