

**IOWA DEPARTMENT OF TRANSPORTATION**

To Office Bridges and Structures Date February 1, 2012  
Attention All Employees Ref No. 521.1  
From Gary Novey  
Office Bridges and Structures  
Subject Revision of the English Subdrain Details for Water Crossing Standards.  
(CADD M0246)

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 revised standards are located on the Bridge Web site.

Standard 1007C was revised due to an office policy change that will require Erosion Stone placed on the 3'-0" Berm along the abutment footing face. The TS&L sheet will determine the top elevation of the Revetment Stone placed on the berm slope. The remaining area from the Top of the Revetment elevation to the bridge abutment face will be placed with Erosion Stone.

An additional detail EROSION STONE (NON-EMBEDDED) OUTLET DETAILS was added for situations where the erosion stone is placed on the Grading Surface instead of embedded.

These changes were made to the OUTLET DETAILS situations which are located outside of border sheet.

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

GAN/ssn