

**IOWA DEPARTMENT OF TRANSPORTATION**

To Office Bridges and Structures Date January 1, 2012  
Attention All Employees Ref No. 521.1  
From Gary Novey  
Office Bridges and Structures  
Subject Revision of the English Bulb Tee Integral Abutment Standards.  
(CADD M0235)

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.

Standards 2085-BTCD, 2085-BTE, 2086-BTCD, 2086-BTE, 2087-BTCD, 2087-BTE, 2088-BTCD, 2088-BTE, 2089-BTCD, 2089-BTE, 2090-BTCD, 2099-BTE, 2091-BTCD, 2091-BTE, 4507-BTCD, 4507-BTE, 4508-BTCD, 4508-BTE, 4509-BTCD, 4509-BTE, 4510-BTCD, 4510-BTE, 4511-BTCD, 4511-BTE, 4512-BTCD, 4512-BTE, 4513-BTCD, and 4513-BTE were revised to add the note stating the 5d4 bar may be field bent as necessary to avoid the pile located in the abutment wing.

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

GAN/ssn