

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date February 1, 2010
Attention All Employees Ref No. 521.1
From Gary Novey
Office Bridges and Structures
Subject Correction of the English Integral Abutment Standards 4516, 4517, 4520, and 4521 and correction of the English Bulb Tee Integral Abutment Standards 4516-BTB, 4517-BTB, 4520-BTCD, 4520-BTE, 4521-BTCD, and 4521-BTE.
(CADD M0161)

These corrected standards 4516, 4517, 4520, and 4521 are located in the EnglishIntegralBridges.dgn file and the corrected standards 4516-BTB, 4517-BTB, 4520-BTCD, 4520-BTE, 4521-BTCD, and 4521-BTE are located in the EnglishBTIntegralBridges.dgn file: 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 4t1 bar length located underneath the bottom beam flange were changed to accommodate the bar which is skewed in relationship to the beam and lays parallel to the abutment footing. Only the 15 and 30 degree skewed bridges are affected by this correction. Integral Abutment Standards 4516, 4517, 4520, 4521, 4516-BTB, 4517-BTB, 4520-BTCD, 4520-BTE, 4521-BTCD, and 4521-BTE were corrected and the length used was for the maximum skew for each respective standards.

If you have any questions about these revised standards, please check with Stuart Nielsen or Thayne Sorenson.

GAN/ssn/bj