

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date April 1, 2014
Attention All Employees Ref No. 521.1
From Gary Novey
Office Bridges and Structures
Subject Correction of the Bulb Tee Integral Abutment Standards.
(CADD M0352)

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 Bulb Tee Integral Abutment Bridge Standards have been corrected.

Standards 2078-BTB, 2079-BTB, 2080-BTB, 2081-BTB, 2082-BTB, 2083-BTB, 2084-BTB, 2085-BTCD, 2085-BTE, 2086-BTCD, 2086-BTE, 2087-BTCD, 2087-BTE, 2088-BTCD, 2088-BTE, 2089-BTCD, 2089-BTE, 2090-BTCD, 2090-BTE, 2091-BTCD & 2091-BTE have been corrected to add an Abutment Concrete Quantity table to be completed and a note that the concrete quantities are included on the Summary Quantities Sheet. Referring to the ABUTMENT NOTES, the Design Bearing Note for Piling was removed.

Standards 4380-BTB-4, 4380-BTB-5, 4380-BTC-4, 4380-BTD-4, 4380-BTE-4, 4380-BTE-5, 4383-BTB-5, 4383-BTB-6, 4383-BTC-5, 4383-BTC-6, 4383-BTD-5, 4383-BTE-5, 4383-BTE-6, 4384-BTB-6, 4384-BTB-7, 4384-BTC-6, 4384-BTD-6, 4384-BTE-6, 4385-BTB-5, 4385-BTB-6, 4385-BTC-5, 4385-BTC-6, 4385-BTD-5, 4385-BTE-5 & 4385-BTE-6 have been corrected to add a referral note for the Drain Weight to be included on the Summary Quantities Sheet. A clouded note is shown in the title block stating that the designer should take note whether the deck to barrier rail bars are epoxy coated or stainless steel and use the appropriate Cadd reinforcing bar level so the level and color of the bar is shown correctly in the cross sections.

Standards 4514-BTB, 4515-BTB, 4516-BTB, 4517-BTB, 4518-BTCD, 4518-BTE 4519-BTCD, 4519-BTE, 4520-BTCD, 4520-BTE, 4521-BTCD & 4521-BTE have been corrected.

1. The Estimated Quantities table was removed from these standards.
2. The Abutment Footing, Abutment Wings and Intermediate Concrete Diaphragms were removed from the Concrete Placement Quantities table and the Reinforcing Bar List table.
3. A note was added stating that these removed quantities are included on the Summary Quantities Sheet.

Note: Policy on use of Stainless Steel bars will be issued in the near future. Look for this update in the Bridge Design Manual.

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

GAN/ssn