

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 Correction of the English Bridge Integral Abutment Standards 4380-BTB-4 through 4385-BTE-6 and English Bridge Stub Abutment Standards 4556-BTC-4 through 4561-BTE-6
(CADD M0123)

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>

1. Standards 4380-BTB-4 through 4385-BTE-6 and 4556-BTC-4 through 4561-BTE-6 have been corrected:

The longitudinal bar spacing description for the cantilever slab area on the "HALF SECTION NEAR PIER" detail, was corrected from "5b1 & 5b2 BARS" to just "5b1 BARS". 5b2 bars are not included in the cantilever area.

2. Standards 4380-BTB-4, 4380-BTC-4, 4380-BTD-4, and 4380-BTE-4:

The beam spacing was corrected (8'-8 5/8 (+) to 8'-8 11/16 (-)).

3. Standards 4383-BTB-6, 4383-BTC-6, 4383-BTE-6, 4385-BTB-6, 4385-BTC-6, 4385-BTE-6:

The longitudinal bar spacing dimensions were corrected in the slab cross section for the 5b1 top right dimension (1'-0 7/8 to 1'-0 15/16) and bottom right dimension (1'-5 3/8 to 1'-5 7/16) and the 5b2 top left dimension (11 15/16 to 11 15/16) and bottom dimension (1'-0 7/8 to 1'-0 15/16).

4. Standards 4383-BTB-5, 4383-BTC-5, 4383-BTD-5, and 4383-BTE-5

The vertical dimension for the first beam right of centerline was corrected (1 5/16 to 1 3/8).

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

DGB/tos/bj