

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date July 1, 2008
Attention All Employees Ref No. 521.1
From Gary Novey
Office Bridges and Structures
Subject Revision of the English Bridge Standards 2078 to 2091, 4500 to 4506, 4514 to 4521, 4549 to 4552, and 2078-BTB to 2091-BTE, 4514-BTB to 4521-BTE (CADD M0118)

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>

The following standards have been revised:

English Integral Bridges 2078 to 2091

- The number of spiral spacers was changed from 2 to 3 for each piling.

English Integral Bridges 4500 to 4506

- The distance from the centerline of beam to the step was changed from 1'-5 to 1'-3 in the Part Plan for the Top of Pier Details.

English Integral Bridges 4514 to 4521

- The optional note for placing concrete decks continuously for quantities less than 400 cubic yards has been removed.

English Integral Bridges 4518 to 4521

- The vertical leg of the bend dimension on the 5d8 and 5h4 was corrected to 5 ¼ inches..

English Bulb Tee Integral Bridges 2078-BTB to 2091-BTE

- The number of spiral spacers was changed from 2 to 3 for each piling.

English Bulb Tee Integral Bridges 4514-BTB to 4521-BTE

- The optional note for placing concrete decks continuously for quantities less than 400 cubic yards has been removed.

English Integral Bridges 4518-BTCD to 4521-BTE

- The vertical leg of the bend dimension on the 5d8 and 5h4 was corrected to 5 ¼ inches.

English Stub Abutment Bridges 2106 to 2109

- The vertical leg of the bend dimension on the 5d8 and 5h4 was corrected to 5 ¼ inches.

English Stub Abutment Bridges 4549 to 4552

- The optional note for placing concrete decks continuously for quantities less than 400 cubic yards has been removed.

These revised 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