

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date July 16, 2007
Attention All Employees Ref No. 521.1
From Dean Bierwagen
Office Bridges and Structures
Subject Correction to Standard Sheets 1017, 1017A, 1018, 1018A, 2078 through 2084, 2099 through 2105 and 4514 through 4521.

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 corrections were made to the standard sheets 1017, 1017A, 1018, 1018A for Barrier Rail End Sections:

- The “X” Dimensions for the 5c Bars were changed and the Reinforcing Steel weight was adjusted to accommodate the changed lengths.

The following corrections were made to the standard sheets 2078 through 2084 for “A” and “B” Beam Integral Abutment bridges:

- Standards 2078 thru 2084 were revised to extend the longitudinal bar 5d7 into the abutment wings.

The following correction was made to the standard sheets 2099 through 2105 for “C” and “D” Beam Stub Abutment bridges:

- The Piling Item in the Estimated Quantities for Abutments was changed to the current way of bidding piling.
- The payment for the Stainless Steel bars was changed in the Abutment Notes to include the weight of the Stainless Steel bars with the weight of Epoxy Steel. Additional cost for the Stainless Steel bars is incidental to the cost of the Epoxy Steel bars.
- In addition, the following note has been added to the bid item reference notes:

EST142/MST142

INCLUDES XX LBS (kg) OF STAINLESS STEEL REINFORCING. ADDITIONAL COST OF STAINLESS STEEL REINFORCING IS INCIDENTAL TO THE COST OF THE EPOXY COATED REINFORCING STEEL.

The following correction was made to the standard sheets 4514 through 4517 for “A”, “B” Beam bridges for abutments, and standard sheets 4518 through 4521 for “C” and “D” Beam bridges for the abutments:

- The Piling Item in the Estimated Quantities for Integral Abutments was changed to the current way of bidding piling.
- 5d7 bars modified for standard sheets 4515 to 4517.

These corrected sheets should be updated on all projects that are currently being worked on, which use these sheets. If you have any questions on the issued sheets, please check with Thayne Sorenson or Dean Bierwagen.

DGB/tos/bj