

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 English Deck Rail Bridge Standards and the Release of New English Deck Rail Bridge Standards.
(CADD M0356)

Electronic copies are available in the following Office of Bridges and Structures standard directory **W:\Highway\BridgeStandards\Bridges** and on the Internet:

<http://www.iowadot.gov/bridge/standard.htm>

The following Barrier Rail Standards 1017, 1018, 1018A, 1018C, 1018D, 1019A, 1019B, 1020A, 1020B, 1020C, 1020D, 1020E, 1020F, 1028A & 1030As1 have been corrected. These standards were corrected to add a note that the reinforcing steel quantities are to be included on the Summary Quantities Sheet. The End Section quantities were removed from the Reinforcing Bar List and Concrete Placement Summary.

The following Reinforced Approached Sidewalk Slab Standards 1029E & 1029F have been corrected to add a Stainless Steel Reinforcing Bar List to separate the Stainless Steel bars from the Epoxy Coated bars. A note was added stating that the concrete and reinforcing steel quantities are to be included on the Summary Quantities Sheet.

The following New Barrier Rail Standards 1017S, 1018S, 1018SA, 1018SC1, 1018SC2, 1018SD1, 1018SD2, 1019SA, 1019SB1, 1019SB2, 1020SA, 1020SB, 1020SC, 1020SD, 1020SE, 1020SF & 1028SA are being released. These new standards are designed to use Stainless Steel barrier rail reinforcing bars which are embedded in the Bridge Deck and extend into the barrier rails. The remainder of the barrier rail reinforcing bars shall be epoxy coated. These new standards show a Bar List for the Epoxy Coated bars and a Bar List for the Stainless Steel bars. Stainless Steel reinforcing steel is a separate bid item and is no longer incidental to the Epoxy Coated reinforcing steel. There is a note on these standards that the reinforcing steel quantities are to be 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