

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date July 1, 2014
Attention All Employees Ref No. 521.1
From Gary Novey
Office Bridges and Structures
Subject Release of the English J44-14 Standards listed below.
(CADD M0374)

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>

Note: The release of the new J44-14 Standards is mainly due to the replacement of the curb reinforcing bars that connect the barrier rails to the bridge deck. These bars were changed from epoxy coated reinforcing steel to stainless steel reinforcing steel. All the bars both epoxy coated and stainless steel bars shall be deformed reinforcing steel. The stainless steel reinforcing shall be Grade 60 and meeting the requirements of Materials I.M.452.

Due to this change from epoxy coated reinforcing steel to stainless steel reinforcing steel, the J44-06 standards are being re-issued as J44-14 standards. The specific standard sheets not listed below retain the same standard sheet numbers as the J44-06 standards and have just been renamed by the year (J44-??-14) to accommodate the new standards listed below.

The J44-14 standards which are affected by the change to stainless steel reinforcing bars are J44-03-14 thru J44-20-14 and J44-45-14 thru J44-49-14.

The standard for the wing slope armoring has been updated from the J44-06 standards and is a new standard sheet J44-51-14 due to the Macadam Stone area which was increased and is shown on these sheets.

Note: Beginning with the January 2015 letting, all barrier rail to bridge deck/wing reinforcement for Interstate and Primary Bridges shall be stainless steel.

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

GAN/ssn