

**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 J40-14 Standards listed below.  
(CADD M0373)

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 J40-14 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 J40-06 standards are being re-issued as J40-14 standards. The specific standard sheets not listed below retain the same standard sheet numbers as the J40-06 standards and have just been renamed by the year (J40-??-14) to accommodate the new standards listed below.

The J40-14 standards which are affected by the change to stainless steel reinforcing bars are J40-03-14 thru J40-20-14 and J40-45-14 thru J40-49-14.

The standard for the wing slope armoring has been updated from the J40-06 standards and is a new standard sheet J40-51-14 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