

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date October 1, 2014
Attention All Employees Ref No. 521.1
From Gary Novey
Office Bridges and Structures
Subject Release of the English Rolled Steel Standards listed below.
(CADD M0401)

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>

The following Rolled Steel Working Standards 5251 thru 5261 which support the signed rolled steel standards have been revised to accommodate both the current RS40-10 Series Standards and new RS40-14 Series Standards.

Standard 5251 is revised to change the sheet title to GENERAL INFORMATION and clouded notices were added as reminders to include a Flange Deflector layout and Drain Location layout on this sheet. These two layouts are required in the Bridge Project Plan when using the RS40-14 Series Standards and are an option when using the RS40-10 Series Standards. If there is not sufficient room on this sheet, another sheet in the Project Plan may be used to show these layouts.

Standards 5252 thru 5261 are revised to add a column for the weight of the shear studs and an associated note that the weights of the shear studs are to be included on the Summary Quantities Sheet when the RS40-14 Series Standards are used. The RS40-10 Series Standards explain in the Structural Steel Notes on Standard RS40-002-10 how the shear studs are to be paid for.

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.

GAN/ssn