

## 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 Release of the Summary Quantity Sheets.  
(CADD M0349)

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 released Summary Quantity Sheet is located on the Bridge Web site under the **Automation Tools** under **MicroStation V8 Tools** under the **English Seed Files** category and the description reads Summary Quantity Sheet.

This sheet has been developed for all new and replacement bridge projects. It is not intended for repairs, overlays or rehabilitation projects. The intent is to bring together items that are displayed in multiple locations in the plan set and provide a summary tally which will then be transferred to the estimate of bid item tabulation. Specifically the items of structural concrete, reinforcing steel, excavation, and structural steel will be addressed. The sheet shall also address foundations and bearings in a manner to better clarify information.

As a result of adding this summary sheet various summary tables currently on the working standards will be deleted. Specifically the tabulations of Estimated quantities/abutment, Estimated quantities/superstructure, Estimated quantities/piers, and others. The elimination of these tabulations will minimize duplication of information on the plans. Concrete quantity placement tables will remain within the plan set to provide a breakdown to aid the contractor in determining concrete quantities for specific elements. In addition other changes to working standards have been made to better accommodate the summary sheet format.

This summary sheet can be used with the current H, J, and RS bridge standards however these standards will be modified in the future to better accommodate the use of the summary sheet. Until the standards are updated, the use of the summary sheet is recommended but not mandatory.

Beginning with the October 2014 letting the summary sheet shall be used for new and replacement bridge projects. Updated working standards which address the deletion of

estimated quantity tables within the plan set as well as other updates will be required when using the summary sheet. Exceptions will be addressed on a case by case basis.

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

GAN/ssn