

**IOWA DEPARTMENT OF TRANSPORTATION**

To Office Bridges and Structures Date February 1, 2014  
Attention All Employees Ref No. 521.1  
From Gary Novey  
Office Bridges and Structures  
Subject Correction of the English Miscellaneous Bridge Standards 1049, 1050, 1050A, 1056, 1058, 2110, 2111, 2112, 2122-S, 2113, 2113-S, 2114, 2114-S & 2115. (CADD M0343)

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 corrected standards are located on the Bridge Web site.

The 1049, 1050, 1050A, 1056 & 1058 Temporary Barrier Rail Bridge Standards and 2110, 2111, 2112, 2122-S, 2113, 2113-S, 2114, 2114-S & 2115 Abutment Wing Standards were corrected with the following changes –

- The 1049, 1050, 1050A, 1056 & 1058 Temporary Barrier Rail Standards concrete and steel temporary barriers were moved to the “Temporary Structures” level because these temporary barrier rails are not permanent structures and were previously shown using the new structures levels for concrete and steel.
- The 2111 Abutment Wing Standard height was changed to 6’-4 to maintain the 1’-0 minimum distance from the bottom of the Abutment Wing to the bottom of the Abutment Footing which is clearance for the Abutment Subdrain to pass underneath the Abutment Wing. The length of the 5h1 & 5h3 bars and the reinforcing bar list weights were also changed to accommodate the adjustment in the Abutment Wing height.
- The 2110, 2111, 2112, 2122-S, 2113, 2113-S, 2114, 2114-S & 2115 Standards were corrected to move the bars designated with an \* as the Barrier Rail End Section bars to the “Rebar Epoxy A” level. These bars were also copied, placed on top of themselves and moved to the “Stainless Steel” level. This allows the detailer the option to display these bars as either epoxy coated or stainless steel by shutting off the level not used for a project.

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

GAN/ssn