To Office: Bridges and Structures

Attention: All Employees

From: Gary Novey

Office: Bridges and Structures

Subject: Release of the Roadside Dynamic Message Sign (RDMS) Standards. (CADD M0303)

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

This is the release of the following Roadside Dynamic Message Sign (RDMS) Standards.

The DMS-10 roadside dynamic message sign support standards are being replaced by the RDMS-13 standards. The RDMS standards are substantially the same as the older DMS standards. The following notes describe the major changes that have been made:

**RDMS-01-13:**
Changed sheet designation from DMS-SS1-10 to RDMS-01-13. Revised “General Information View” detail. Modified General Notes by including a clarification that the Contractor shall submit shop drawings directly to the Office of Bridges and Structures for review. Changed Stainless Steel Bolting Notes to U-Bolt Notes to allow for option of stainless steel U-bolts or galvanized steel U-bolts. Separated Steel Notes into two categories: Galvanized Steel Notes and Galvanized Steel Fastener Notes. Galvanized Steel Notes include clarification that steel mast arms (designated as extra-strong steel pipe) shall have a minimum yield strength of 35 ksi and steel support post (designated as hollow structural section) shall have a minimum yield strength of 42 ksi. Galvanized Steel Notes also include a requirement to show location and size of galvanizing vent holes on shop drawings.

**RDMS-02-13:**
Changed sheet designation from DMS-SS2-10 to RDMS-02-13. Modified notes. Changed identifying labels for sections, views and details. Changed steel pipe inlet coupling detail (Detail C). Increased size of hand hole to improve access to electrical conduit.

**RDMS-03-13:**

**RDMS-04-13:**
**RDMS-05-13:**

**RDMS-06-13:**
Added this sheet to clarify the design details of the structure. This sheet contains a 3D-model file that can be viewed electronically.

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