

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures Date November 1, 2013
Attention All Employees Ref No. 521.1
From Gary Novey
Office Bridges and Structures
Subject Revision of the English SOST-11 Steel Overhead Sign Truss Standard.
(CADD M0336)

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 revised standard is located on the Bridge Web site.

Standard SOST-11 Steel Overhead Sign Truss Standards were revised.

SOST-01-11:

- Deleted the following U-bolt note: "Regular nuts and jam nuts shall be ASTM A563 Grade DH Heavy Hex." This information is included in the Iowa DOT *Standard Specifications*.
- Deleted the following galvanized steel note: "All steel shapes for DMS connection details shall comply with ASTM A572 Grade 50." There are no steel shapes for DMS connection details shown on these standards.
- Changed the following design stress note: "Design stresses for materials are in accordance with AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals, Series of ~~2013~~ 2009 with ~~current~~ interims."

SOST-09-11:

- Changed U-bolt bend diameter and saddle dimensions to improve constructability.

SOST-10-11:

- Changed U-bolt bend diameter and saddle dimensions to improve constructability.

SOST-11-11:

- Changed sign support angle cantilever length restrictions. Changed U-bolt bend diameter. Added note clarifying maximum allowable sign support angle cantilever length and sign support angle spacing. Clarified maximum allowable horizontal distance from edge of auxiliary sign panel to centerline of sign support angle.

SOST-12-11:

- Changed table values of dimension 'W' (distance from centerline of latter rung to edge of DMS access runway) to accommodate installation of Skyline VMSLED-W-3-18F-27x125 DMS cabinets.

SOST-13-11:

- Changed DMS access runway support bracket dimensions to accommodate installation of Skyline VMSLED-W-3-18F-27x125 DMS cabinets.

SOST-16-11:

- Corrected hasp extension dimension on security door elevation.

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

GAN/ssn