

NOTES:

1. The support frame dimensions shall be determined by the Contractor. These shall be based on the sign size, bridge skew angle, and cross-sectional geometry. Field verification of these parameters is the responsibility of the Contractor. The Contractor shall consider the possibility of interferences such as splice plates, drains, stiffeners, etc. in developing the shop drawings.
2. The Contractor shall select an appropriate layout using the views in these Standards as a guide in order to determine the number of brackets, the configuration of the vertical bracing and the configuration of the lateral bracing.
3. The support frame is designed such that the Contractor may fasten chords, vertical and horizontal bracing using a single bolt per connection in an oversized hole for erection purposes. When the frame is in final desired position, adjustments may be accomplished and remaining bolt holes may be drilled in the field using the connected components as a template.
4. The Contractor shall select an appropriate chord base plate for attaching to a concrete barrier, curb or parapet, using the views in these Standards as a guide. An accommodating anchor bolt system shall be selected from this Standard.
5. All work and materials shall conform to the applicable provisions of Section 504, Structural Steel, of the Standard Specification Highways and Bridges.
6. All Steel components shall be galvanized after fabrication in accordance with AASHTO M III (ASTM A123), except that hardware used in the connections of the structural frame shall meet the requirements of either ASTM A153, ASTM F2329, or ASTM B695, Class 50, Type I. Parts except hardware shall be blast-cleaned prior to galvanizing in accordance with SSPC-SP6.
7. Materials:

Hollow steel sections shall meet the requirements of ASTM A500, Grade B.

Steel plate shall meet the requirements of ASTM A572/A572M, Grade 50/345 (AASHTO M223M/M223, Grade 345/50). Steel shapes shall meet the requirements of ASTM A992M/A992.

Steel shim plates shall meet the requirements of ASTM A36M/A36.

ITEM NO. 645.13

OVERPASS MOUNTED SIGN SUPPORT HIGHWAY SIGNING