

**SECTION 12.01  
OVERHEAD SIGN SUPPORT**

**12.01.01--Description:** Work under this item shall consist of furnishing, fabricating, transporting and erecting galvanized overhead sign supports of the type specified, at the locations indicated, in conformity with the requirements of the plans or as ordered, and in conformance with these specifications.

**12.01.02--Materials:** Materials for this work shall conform to the requirements of Articles M.18.01, M.18.02 and Subarticle M.03.01-12.

**12.01.03--Construction Methods:** Prior to the start of fabrication of the overhead sign supports, the Contractor shall, in the field, verify the location of the foundations and establish and verify all elevations, dimensions and longitudinal grades.

All welding shall conform to the requirements of the current AWS Structural Welding Code.

All connections using high strength bolts shall conform to the requirements of Subarticle 6.03.03-19.

Camber shall be interpreted as the curvature induced into the overhead sign support truss to offset the anticipated deflections when the truss is in its erected position and to provide for the permanent camber as indicated on the plans. Cambers shall be measured in this erected position and failure to meet the required amount of camber may be cause for rejection.

Prior to assembly, the top and bottom surface of the base plate shall be planed, or else the plate shall be hot straightened. The post shall be faced at the bottom end.

The top leveling nuts and the grout leveling template shall be removed prior to placing the base plate and post assembly upon the foundation.

The base plate and post assembly shall be installed upon the foundation pedestal in accordance with the requirements of Article 6.03.03-15.

After placing the base plate and post assembly upon the foundation, the anchoring nuts shall be installed "snug tight" and then tightened additionally in accordance with Article 6.03.03-19(c)(3), modified as follows: Nut rotation from the snug tight condition shall be one quarter (1/4) turn.

The posts shall have a removable top cap, complete with set screws for proper attachment. The cap shall be provided with a weatherproof ventilation passageway to the interior of the post.

The galvanized Overhead Sign Support shall not be painted except that any damaged galvanized areas shall be given two coats of zinc paint conforming to the requirements of the FS TT-P-641-b(2).

**12.01.04--Method of Measurement:** This work will be measured for payment by the number of units of "Overhead Truss Sign Supports" or "Overhead Cantilever Sign Supports" of the type specified, installed and accepted.

**12.01.05--Basis of Payment:** This work will be paid for at the contract unit price each for "Overhead Truss Sign Support" or "Overhead Cantilever Sign Support" of the type specified, complete in place, which price shall include all materials, equipment, labor, tools, and work incidental thereto.

Pay Item	Pay Unit
Overhead Truss Sign Support Type ( )	EA.
Overhead Cantilever Sign Support Type ( )	EA.