

SECTION 00930 - METAL SIGN SUPPORTS

(Follow all instructions. If there are no instructions above a subsection, paragraph, sentence, or bullet, then include them in the project. The specifications may be modified to include project specific specifications, but all additions, deletions, or modifications must be sent to the ODOT Technical Resource and Senior Specifications Engineer for review and approval.)

Comply with Section 00930 of the Standard Specifications modified as follows:

(Use the following subsection .10 when PSST sign supports are required.)

00930.10 Materials - Replace the paragraph that begins "Except for perforated steel square tube..." with the following paragraph:

Except for perforated steel square tube slip base sign supports and for perforated steel square tube anchor sign supports, galvanizing shall conform to the requirements of Section 02530. Galvanize perforated steel square tube slip base sign supports and perforated steel square tube anchor sign supports according to ASTM A653 G90, zinc coat corner seam weld after scarfing, apply a conversion coating, and apply a final clear polymer coating.

00930.40(c) Welding - Replace the paragraph that begins "AWS D1.1, Clause 3..." with the following bullets:

- AWS D1.1, Clause 3 prequalified welds for complete joint penetration (CJP) are not allowed.
- Qualify CJP welds according to AWS D1.1, Clause 4. Perform V-notch (CVN) testing at 70 °F meeting the requirements of the absorbed energy values of Table 4.14.

(Use the following lead-in paragraph and subsection .48 to specify coating of steel sign supports. Obtain item and color number from the Designer.)

Add the following subsection:

00930.48 Coating - Prepare and powder coat supports according to the applicable portions of Section 00593 or prepare and coat supports according to the applicable portions of Section 00594. Provide coating materials for field application, repairing damaged coatings, and coating hardware after installation, according to Section 00593 or 00594. Do not coat:

- Slip plate or arm connection surfaces.
- Slip base bolting hardware.
- Anchor rods, anchor rod washers, and anchor rod nuts.

Provide the following colors:

Item

**Federal Standard
595 Color Number**

(Use the following subsection .80 to list the estimated quantities of steel. List items by pay item name. Obtain information from the Designer)

00930.80 Measurement - Add the following to the end of this subsection:

The estimated quantities of structural steel are as follows:

Item

**Estimated Quantity
(Pound)**

(Use the following subsection .90 when subsection 00930.48 is included in the project special provisions to specify painting or powder coating of steel sign supports are coated.)

00930.90 Payment - Add the following paragraph to the end of this subsection:

No separate or additional payment will be made for coating steel sign supports.