

SECTION 00930 - METAL SIGN SUPPORTS

(Follow all instructions and make all edits with "Track Changes" turned on. If there are no instructions [purple text] above a subsection, paragraph, sentence, or bullet, then include it in the Project. Delete all purple text before preparing the final document. All other modifications to this Section will require ODOT Technical Resource and State Specifications Engineer approval.)

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

00930.01 Definitions - Add the following definition at the end of this subsection:

Street Name Sign Mount - This group includes plates, brackets, and fasteners necessary to install a street name sign on a sign support.

00930.02 Working Drawings - Replace the paragraph that begins "Submit six copies..." with the following paragraph:

Submit six copies of unstamped Working Drawings according to 00150.35 for all structural metal Work. Submit six copies of stamped designs, details, Plans, and calculations according to 00150.35 for all engineered details and drawings that are not prepared by the Agency but are required by the Contract Documents and Specifications for the Project prior to fabrication. Include the Field Verification of Post Lengths form, available from the Engineer. Material ordered or Work performed before the Engineer finishes and returns the documents is at the Contractor's risk.

(Use the following subsection .10 when topcoat colors are required.)

00930.10 Materials -

(Use the following two paragraphs to list topcoat colors when specifying 00930.48 coating. Fill in the blanks as instructed and obtain information from the Designer. Copy and repeat the paragraph as needed. Use only basic color names and numbers from the SAE AMS-STD-595 color index.

Example:

For Structure No. 12345A, furnish a topcoat color of Black that matches to SAE AMS-STD-595 color # 17038.)

Add the following to the end of this subsection:

For (Structure number or item description), furnish a topcoat color of (Color Name) that matches SAE AMS-STD-595 color # (Color Number).

(Use the following lead-in paragraph and subsection .48 to specify coating of steel sign supports.)

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. Furnish 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.

(Use the following subsection .80 to list the estimated quantities of steel. Fill in the blank with the quantity. For major sign supports, replace “(Structure Number)” with the Structure number. Obtain information from the Designer. Delete rows for support types not used on the Project. Delete a heading if all entries under that heading have been deleted.)

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

The estimated quantities of structural steel are as follows:

Item	Quantity (Pound)
Major Sign Supports	
Truss Sign Bridge, Str. No. (Structure Number)	—
Monotube Sign Bridge, Str. No. (Structure Number)	—
Butterfly Sign Structure, Str. No. (Structure Number)	—
Monotube Cantilever Sign Structure, Str. No. (Structure Number)	—
Mounts	
Bridge Structure Mounts	—
Exit Number Mounts	—
Signal Pole Mounts	—
Adjustable Sign Mounts	—
Vertical Sign Mounts on Existing Structures	—
Secondary Sign Mounts	—
Minor Sign Supports	
Multi-Post Breakaway Sign Supports	—
Triangular Base Breakaway Sign Supports	—
Pipe Breakaway Sign Supports	—
Perforated Steel Square Tube Slip Base Sign Supports	—

90 Degree Rotational Sign Supports

Pipe Sign Supports

Perforated Steel Square Tube Anchor Sign Supports

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00930.90 Payment - Replace the paragraph that begins "No separate or additional payment will..." with the following paragraph:

No separate or additional payment will be made for:

- Coating steel sign supports
- Route marker frames
- Wind bracing
- Pole clamps
- Stainless steel clamps
- Mast Arm Street Name Sign Mounts
- Street Name Sign Mounts
- Special sign brackets.