

Standard Guidelines for Product Review

Perforated Steel Square Tube Slip Bases

Section 00930

May 27, 2009

00930 – Perforated Steel Square Tube Slip Bases

General:

ODOT requires the use of anchors or slip bases for perforated steel square tube sign supports to satisfy the FHWA crash testing criteria.

Applicable ODOT Standard Drawings:

TM671, TM681, TM687, TM688

Applicable ODOT Standard Specifications:

00920, 00930, 00440, 02530, 02560

References:

ODOT Standard Drawings internet location:

http://www.oregon.gov/ODOT/HWY/ENGSERVICES/standard_drawings_home.shtml

ODOT Standard Specifications internet location:

http://www.oregon.gov/ODOT/HWY/SPECS/standard_specifications.shtml

ODOT Standard Specifications Updates internet location:

http://www.oregon.gov/ODOT/HWY/SPECS/2008_special_provisions.shtml

Process:

To be considered for placement on the QPL, submit the following:

- [Preliminary Information for Product Evaluation Form](#).
- Complete and legible copy of the FHWA Crashworthiness Approval Letter with attachments.
- Documentation that shows the capacity of the largest square tube sign support that will be used with this slip base can be resisted by the slip base components.
- Specification Data Sheets or shop drawings that include the ASTM material designations, grades of materials, gauges, plate thicknesses, tube dimensions, plate dimensions, corner radii, hole sizes, hole spacings, weld sizes, weld types, hardware information, and ASTM galvanizing method.
- Representative material certification of all components for each perforated steel square tube size requiring a slip base as specified in the Base Requirements table on TM681.
- Non-steel properties and weather resistance information.
- Detailed installation instructions.

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- List of Limitations and Precautions.
- Certification that you have studied our drawings and specifications, you understand what this application is being used for, and that this product is appropriate.
- Certification that all products supplied to ODOT with this product name will be chemically and physically identical to that which was originally submitted.
- One fully assembled slip base for each perforated steel square tube size requiring a slip base as specified in the Base Requirements table on TM681.

Please forward your information and/or questions to:

OREGON DEPARTMENT OF TRANSPORTATION

ATTN: MIKE DUNNING (503) 986-3059

MATERIALS LABORATORY

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SALEM OR 97301-4798

<http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/QPL/QPIndex.shtml>