

ITEM 10568.65 M - PAINTED STEEL BRIDGE RAILING

All the Provisions of Section 568 of the Standard Specifications shall apply, with the following modifications:

Rail tubing and all other components of the rail system shall be galvanized in accordance with Subsection 719-01, Galvanized Coatings and Repair Methods, followed by painting in conformance with the following:

1. The color of the finished coat shall be as noted on the plans. The color shall conform to Federal Color Standard 595B. Viewing shall be done under North Standard daylight.
2. Paint shall be one of the products on the Department's Approved List titled "Moisture Curing Urethane Paint Systems, C. Finish Paint." Acceptance shall be based on the appearance of the paint on the Approved List.
3. Prior to painting, all galvanized surfaces shall first be cleaned of oil, grease and similar contaminants by hand wiping with solvent in accordance with SSPC-SP1, Solvent Cleaning.
4. After solvent cleaning, abrade all galvanized surfaces by brush blast methods, or other mechanical means approved by the Engineer/Inspector. The purpose of abrading is to roughen the surface, not to remove material.
5. Apply the paint in accordance with the manufacturer's instructions to a minimum dry film thickness as given in the Approved List. Manufacturer's instructions for mixing and paint application shall be supplied to the Engineer/Inspector at least one week prior to the beginning of any painting work.

BASIS OF ACCEPTANCE. The manufacturer shall furnish the Department with three (3) certified copies of physical test and chemical analysis of the materials used in the manufacture of the railing. Check analysis may be made by the Department from delivered material.

Inspection will be performed in accordance with the provisions of the Steel Construction Manual, except that mill inspection will not be done.

Materials that do not bear the Inspector's mark of acceptance, shall not be accepted at the project site.