

ITEM 16587.03 M - INSTALLATION OF STORED BRIDGE RAILING

1. DESCRIPTION

The work will consist of the following:

- The installation of stored bridge railing. In addition to Section 587 - BRIDGE RAILING RECONSTRUCTION, the following requirements will be met.

2. CONSTRUCTION DETAILS

2.01 Bridge Railing Removal Locations. As indicated on the plans, if the existing anchorages are not being used for anchoring new or stored railing, the existing rivet holes shall be filled with high-strength bolts (ASTM A325M) in accordance with the Section 586 - MISCELLANEOUS STRUCTURAL RECONSTRUCTION.

2.02 Stored Bridge Railing Installation. Installation of stored railing shall be done in accordance with Section 587. As indicated in the plans, new holes shall be drilled and new bracket supports at mid-span of railings shall be installed. The work shall be done in accordance with the Section 586-3.04.

2.03 Touch-up Work. Touch-up work for cleaning, priming and painting of structural steel, cleaning and painting of the bolts and immediate surrounding area shall be done as part of this work. Cleaning and painting shall be done in accordance with the requirements of Section 572. All steel exposed by the cleaning operations shall be painted. However, at least 50 mm in every direction measured from the washer's edge, shall be painted.

3. METHOD OF MEASUREMENT

All Railing Installation. Measurement will be taken as the number of meters of railing reinstalled. Measurements will be taken along the centerline of the top rail, end-to-end of railing between the limits indicated on the contract plans. No deduction will be made for open joints.

4. BASIS OF PAYMENT

The unit price bid shall include the cost of all labor, materials and equipment necessary to complete the work. When required, bolts, nuts and washers shall be included in the unit price bid. Cost of drilling new holes and cost of touch-up work shall also be included in the unit price bid.