

REMOVABLE METAL HAND RAILING

**\*\*From Cambridge BRF 027-1(4)/STP 030-2(27)**

- xx. DESCRIPTION. This work shall consist of furnishing and erecting removable metal hand railing at the location(s) indicated in the Plans and as directed by the Engineer.

The work shall be performed in accordance with these provisions, the Plans, and Section 525 of the standard specifications.

- xx. MATERIALS. Materials shall meet the following requirements:

- (a) Hand Railing and Sleeves. Metal hand railing and sleeves shall meet the requirements of ASTM A 53/A 53M.
- (b) Hardware. All hardware will meet the requirements of Subsection 714.05.
- (c) Concrete. Concrete shall meet the requirements of Section 501 for Concrete, High Performance Class B.
- (d) Finish. All metal hand railing components shall be galvanized in accordance with Subsection 726.08 and painted in accordance with QC/QA CLEANING AND PAINTING STRUCTURAL COMPONENTS of Section 900. The final color shall be black.

- xx. FABRICATION REQUIREMENTS. Fabrication Drawings shall be submitted in accordance with Sections 105 and 506.

Fabrication shall conform to all applicable provisions of Section 506.

Fabrication shall take place at a plant approved by the Structures Engineer.

- xx. CONSTRUCTION REQUIREMENTS. Removable metal hand railing shall be installed in accordance with all applicable provisions of Section 506. Alignment and grade shall be adjusted to the satisfaction of the Engineer. Posts and sleeves shall be adjusted and securely and accurately aligned to the satisfaction of the Engineer prior to placement of any concrete.

- xx. METHOD OF MEASUREMENT. The quantity of Special Provision (Removable Metal Hand Railing) to be measured for payment will be the number of meters (linear feet) of railing placed in the complete and accepted work, measured within the pay limits specified in the Plans.

- xx. BASIS OF PAYMENT. The accepted quantity of Special Provision (Removable Metal Hand Railing) will be paid at the Contract unit price per meter (linear foot). Payment will be full compensation for detailing, furnishing, handling, and placing the materials specified, including concrete, galvanizing, and painting; for performing any excavation necessary; and for furnishing all labor, tools, equipment and incidentals necessary to complete the work.

Payment will be made under:

Pay Item

Pay Unit

900.640 Special Provision (Removable Metal Hand  
Railing)

Meter  
(Linear Foot)