



6220 - SPECIFICATION FOR INSTALLING METAL RAILINGS

6220-1 DESCRIPTION

- 1.01 The work shall consist of installing metal railings at the location and to the lines and grades shown on the plans, and in accordance with this specification. Installation shall include all work undertaken above the top of the roadway curb, traffic barrier, or sidewalk surface, except for the construction of concrete endposts. It shall include the installation of all anchor bolts associated with the metal railings.

6220 - 2 MATERIALS

- 2.01 The metal railings, zinc-rich paint, and pre-mixed commercial grout, shall be supplied by the Department f.o.b. at the bridge site. The Contractor shall be responsible for unloading and storing this material in a proper manner.

6220 - 3 CONSTRUCTION

- 3.01 The bridge rail posts and railing shall be carefully positioned prior to fixing in place to ensure proper matching at abutting joints and correct alignment throughout its length. Cutting or welding of the railing shall not be allowed without the approval of the Department.
- 3.02 After final alignment of the railing has been accepted, the grout pad required below the posts shall be constructed with pre-mixed grouting material. The grouting material shall have zero slump and shall be well packed in place.
- 3.03 The Contractor shall repair any damaged galvanized surfaces with applications of zinc-rich paint.

6220 - 4 MEASUREMENT

- 4.01 Metal railing shall be measured in metres, to the nearest 0.5 m, along the centre line of the railing in place.

6220 - 5 PAYMENT

- 5.01 Payment for INSTALLING METAL RAILINGS shall be at the contract unit price per metre. The unit price shall be full compensation for supplying any material, equipment, tools and labour necessary for the satisfactory completion of the work.