

ITEM 08615.60 M - STEEL BICYCLE RAILING

DESCRIPTION:

This work shall consist of furnishing and installing bicycle railing, posts and component parts in accordance with the specifications and as shown on the plans and as directed by the Engineer.

MATERIALS:

Steel and Iron Posts, Rails, Braces and Fittings (For Chain Link Fence)	710-10.02
Structural Concrete for Footings	501 (Class A)

CONSTRUCTION DETAILS:

Excavation for footings shall comply with the requirements of Section 206, Trench, Culvert, and Structure Excavation.

Concrete work shall comply with the requirements of Section 555, Structural Concrete.

Posts, rails and end assemblies shall be erected in the position and manner indicated on the plans and as approved by the Engineer. All posts shall be aligned to a tolerance of ± 12 mm for plumb and grade.

Welding, whether shop or field as shown in the Contract Documents, shall conform to the requirements for welding specified in the "New York State Steel Construction Manual" except radiographic inspection will not be required.

Galvanizing damaged by field welding or any other cause shall be repaired in accordance with the requirements of Subsection 719-01, Galvanized Coatings and Repair Methods.

The Contractor, at his option, may submit shop drawings and details for an alternate steel bicycle railing. Work on an alternate railing shall not be done without the written approval of the Engineer.

METHOD OF MEASUREMENT:

This work will be measured as the number of linear meters of steel bicycle railing measured along the center of the upper most rail from the extreme outer limits as shown on the plans or as directed by the Engineer.

BASIS OF PAYMENT:

The unit price bid shall include the cost of all labor, equipment and material including excavation, backfill, and concrete necessary to complete the work.