

ITEM 606.5501 10 M – RETROFITTING HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAILING

DESCRIPTION

This work shall consist of retrofitting Heavy Post Blocked-Out Corrugated Beam Guide Railing in accordance with the contract documents and as directed by the Engineer. The existing guide rail posts shall not be removed, reset, or adjusted without the approval of the Engineer.

MATERIALS

§606-2 MATERIALS shall apply.

CONSTRUCTION DETAILS

§606-3.01 General shall apply.

The Contractor shall remove, store, clean and reset the railing as shown on the plans. The reset guide railing shall be placed in accordance with the requirements of §606-3.01 General. During non-working hours, there shall be no exposed ends (free ends) of the reset guide railing. Any rail element or component of the barrier damaged shall be replaced by the Contractor.

If any guide rail posts need to be removed for access to the work site or for any other reason, the Contractor shall remove the posts by hand excavating carefully so that the underground utility is not damaged. The Contractor shall backfill and compact in conformance with 203-3.15 Fill and Backfill at Structures, Culverts, Pipes, Conduits and Direct Burial Cables. The Contractor shall dispose of the removed posts. The Contractor shall furnish new posts as shown on the Standard Sheet titled "Heavy Post Blocked-Out Corrugated Beam Guide Railing with Plastic, Synthetic or Timber Block-outs." The new posts shall be placed in accordance with §606-3.01 D except that the Contractor shall install the new posts by hand excavating carefully so that the underground utility is not damaged. The Contractor shall backfill and compact in conformance with 203-3.15 Fill and Backfill at Structures, Culverts, Pipes, Conduits and Direct Burial Cables.

The existing guide rail posts shall be cleaned in place. The Contractor shall field drill new 20 mm holes in the existing guide rail posts to accept new block-outs and guide rail bolts as shown on the Standard Sheet titled "Heavy Post Blocked-Out Corrugated Beam Guide Railing with Plastic, Synthetic or Timber Block-outs." The field drilled holes shall be field galvanized in accordance with Section 719-01 Galvanized Coatings and Repair Methods.

METHOD OF MEASUREMENT

This work will be measured as the number of meters of Retrofitting Heavy Post Blocked-Out Corrugated Beam Guide Railing satisfactorily retrofitted as required per this specification.

BASIS OF PAYMENT

The unit price bid shall include the cost of furnishing all labor, materials, and equipment necessary to satisfactorily complete the work. Any work required to remove and replace posts for access to the work site or for any other reason will be included within the payment for this item.

Progress payments for retrofitting guide rail will be made as follows:

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1. 90% of the unit price bid for the quantity of guide rail retrofitted in accordance with these specifications.
2. The balance of the unit price bid for the quantity of guide rail will be paid upon repair of the areas disturbed by the guide rail operations and graded to the satisfaction of the Engineer.