

ITEM 606.3261 15 M - TRANSITION - HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAILING - CONCRETE BARRIER

ITEM 606.32615015 M - TRANSITION - HEAVY POST BLOCKED-OUT CORRUGATED BEAM GUIDE RAILING (COATED) - CONCRETE BARRIER

Description

This work shall consist of the construction of a transition between Heavy Post Blocked-out Corrugated Beam Guide Railing and Concrete Barrier in accordance with the details shown on the plans, this specification, and as directed by the Engineer.

Materials

A. Heavy Post Blocked-out Corrugated Beam Guide Railing. The material requirements for §710-20 Corrugated Beam Median Barrier and Guide Railing of the Standard Specifications shall apply except that posts, offset beams, soil plates, back-up plates, expansion anchors, and hardware shall be as detailed in the plans and the standard sheets for Heavy Post Blocked-out Corrugated beam Guide Railing and Median Barrier with the following additional requirement:

Fasteners shall comply with §606-2.03 Fasteners. Steel hardware shall be in accordance with §606-2.01 Steel Hardware.

Coated. The Heavy Post Blocked-out Corrugated Beam Guide Railing (Coated) shall comply with the above requirements except metal parts exposed to view shall be painted in accordance with Section 657 Painting Galvanized and Aluminum Surfaces. Unless specified otherwise in the Contract Documents the paint color shall be “Weathered brown” in §708-05 Standard Paint Colors.

B. Concrete Transition Section. The material requirements for §606-2.07A Precast Concrete Median Barrier or §606-2.07B Cast-in-Place Concrete Median Barrier shall apply.

Construction Details

A. Heavy Post Blocked-out Corrugated Beam Guide Railing. The heavy post blocked-out corrugated beam guide railing within the transition shall be erected in accordance with the provisions of §606-3.01 and §606-3.04 of the Standard Specifications. The rail elements shall be attached to the concrete transition section in the manner shown on the plans.

B. Concrete Transition Section. The Contractor shall have the option of constructing the concrete transition section of either precast or cast-in-place concrete. The concrete transition section shall be constructed in accordance with the plan details and shall conform to the provisions of §606-3.05A or §606-3.05B of the Standard Specifications. The Contractor shall not be permitted to use the horizontal construction option specified in §606-3.05B1a of the Standard Specifications.

Method of Measurement

The transition of Heavy Post Blocked-out Corrugated Beam Guide Railing to Concrete Barrier will be measured by the number of complete units furnished and placed in accordance with the plans, and as directed by the Engineer.

Basis of Payment

The price bid for each transition of Heavy Post Blocked-out Corrugated Beam Guide Railing to Concrete Barrier shall include the cost of all labor, material, and equipment necessary to complete the work.