

ITEM 10606.8701 M - WOOD POST BLOCK-OUT CORRUGATED BEAM GUIDE RAILING TRANSITION TO FOUR RAIL STEEL BRIDGE RAIL

DESCRIPTION. This work shall consist of furnishing and erecting the guide railing transition from Wood Post Blocked Out Corrugated Beam Guide Railing off of the structure to four rail steel bridge rail as shown on the contract plans and in accordance with the specifications.

MATERIALS. Materials for this work shall meet the requirements:

Piece	ASTM Designation
Thrie Beam Section (12 Gauge)	A588M (A709, Grade 345)
Thrie Beam to Corrugated Beam Transition Piece (12 Gauge)	A588M (A709, Grade 345)
Thrie Beam Terminal Connector (12 Gauge)	A588M (A709, Grade 345)
Square Washer	A36M (A709, Grade 250)
Flat Plate Washer	A36M (A709, Grade 250)
Bearing Plate	A588M (A709, Grade 345)
Posts	Materials subsection 710-13
Post Blockouts	Materials subsection 710-13
Splice Plates	A588M (A709, Grade 345)
Hex Nuts	A563M, Grade A
Round Head Square Neck Threaded Bolt	F568, Class 4.6
Washers	F436M, Type 1

All welding shall conform to the Section 7 of the New York Steel Construction Manual.

All hardware shall be painted with one finish coat Weathered Brown, Federal Color Standard No 595b, Color 20059 according to (see 740-01 A, Painting Metal Standards).

CONSTRUCTION DETAILS. This work shall conform to the requirements of 606-3.01, 606-3.04, and 606-3.16.

METHOD OF MEASUREMENT. Measurement will be taken as the number of transition units installed in accordance with the plans and specifications.

BASIS OF PAYMENT. The unit price bid shall include the cost of furnishing all labor, materials and equipment necessary to complete the work. No payment shall be made for rejected railing pieces.