

ITEM 10606.3603 M - STEEL CONTINUITY PLATE ASSEMBLY (0.9 M)
ITEM 10606.3605 M - STEEL CONTINUITY PLATE ASSEMBLY (1.5 M)

DESCRIPTION:

The Contractor shall fabricate and place steel continuity plate assemblies to span gaps in the concrete median barrier as detailed on the plans or ordered by the Engineer.

A steel continuity plate assembly shall consist of the number of steel continuity plates shown on the plans, complete with stiffeners, anchor angles and hardware, to close the gap in one side of the concrete barrier.

MATERIALS:

The steel for the anchor angles, stiffeners and continuity plates shall meet the requirements of ASTM Designation A36 Steel. Nuts welded to the anchor angles shall conform to the requirements of ASTM Designation A307 and ANSI B18.2.2.

The anchor angles, stiffeners and continuity plates shall be galvanized in accordance with the requirements of Subsection 719-01. "Galvanized Coatings and Repair Methods." Type I.

Bolts and washers shall conform to the requirements of ASTM Designation A307 and ANSI B18.2.1 and shall be galvanized in accordance with subsection 719.01. Type II.

CONSTRUCTION DETAILS:

The steel continuity plate assemblies shall be fabricated to the dimensions shown on the plans or ordered by the Engineer.

All fabrication and erection shall be performed in accordance with those requirements listed for this work under Section 564. "Structural Steel" except that shop inspection will not be required. The Contractor shall furnish three prints of shop drawings to the Regional Director for approval.

Welding shall conform to the requirements specified under "Welding" in the "New York State Steel Construction Manual."

METHOD OF MEASUREMENT:

This work will be measured by the number of steel continuity plate assemblies of each size furnished and installed. For example, where in the typical situation the continuity plate assemblies span a lamppost which falls within the concrete barrier, the Contractor will be paid a

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total quantity of two, once for each continuity plate assembly. Payment will be made only for each complete steel continuity plate assembly fabricated and installed in accordance with plans, specifications, and orders of the Engineer.

BASIS OF PAYMENT:

The unit price bid per steel continuity plate assembly fabricated and placed shall include the cost of all labor, materials and equipment necessary to complete the work including plate anchors, straps, bolts, angle anchors, galvanizing of all steel, welding and any other steel or other incidentals necessary to complete the work as shown on the plans or as directed by the Engineer.