

ITEM 10604.1110 M - ADJUSTMENT FRAMES FOR SLOTTED DRAINS

DESCRIPTION

The Contractor shall furnish and install adjustment frames for slotted drains as shown on the plans and as directed by the Engineer. The adjustment frames shall elevate and support the existing drainage grate at the proper grade when the roadway is resurfaced.

MATERIALS

All adjustment frames shall be fabricated from steel conforming to ASTM A36M and shall be galvanized after fabrication in accordance with Subsection 719-01, Type I.

Expansion bolts shall be as shown on the plans. J-bolts and nuts shall conform to ASTM A307. Expansion bolts, J-bolts and nuts shall be galvanized in accordance with Subsection 719-01, Type II.

CONSTRUCTION DETAILS

Adjustment frames shall be fabricated as shown on the plans or as directed by the Engineer. The Contractor shall field measure each slotted drain prior to fabrication of adjustment frames to insure proper fit.

Welding shall conform to the requirements of welding specified in the New York State Steel Construction Manual, except that radiographic inspection will not be required.

To insure correct seating of the adjustment frame, the pavement around the slotted drain shall be prepared to provide proper fit and bearing. This work may include, but is not limited to, grinding and/or bush hammering.

Any damage to the existing facilities caused by the Contractor's operation shall be repaired by the Contractor as directed by the Engineer at no cost to the State.

METHOD OF MEASUREMENT

This work will be measured by the actual number of adjustment frames furnished and installed.

BASIS OF PAYMENT

The unit price bid for each adjustment frame shall include the cost of all labor, materials, and equipment necessary to complete the work, including grinding or bush hammering, welding and galvanizing.