

ITEM 604.0724 10 - REBUILDING TOP OF EXISTING DRAINAGE STRUCTURES

DESCRIPTION.

This work shall consist of rebuilding the top of existing drainage structures as shown in the plans or as directed by the Engineer.

MATERIALS.

Unless otherwise indicated in the plans or directed by the Engineer, the materials for rebuilding the top of existing drainage structures shall be the same type as used in the original construction, except that neither concrete brick nor concrete block shall be used.

Concrete shall be Class A meeting the requirement of Section 501. Other materials shall conform to the following subsections of Section 700:

Precast Concrete Driveway and Sidewalk Pavers	704-13
Masonry Mortar	705-21
Precast Concrete Drainage Units	706-04
Bar Reinforcement, Grade 420	709-01

CONSTRUCTION DETAILS.

The top slab and/or top portion of the walls shall be removed and rebuilt as indicated in the plans or as directed by the Engineer. Removed material shall be disposed of off the work site.

Excavation shall be performed in accordance with the requirements of Subsection 206-3. This work shall include all necessary sawcutting and removal of all overlaying material including asphalt pavement and shoulder, curb, turf, etc. Existing concrete/composite pavement shall be removed and restored as per the details given in the plans.

Concrete construction shall conform to the requirements of Section 555.

No structure shall be backfilled until all the mortar has completely set. The requirements of Subsection 203-3.15 shall apply.

Each structure shall be cleaned of any accumulation of silt, debris, or foreign matter of any kind and shall be kept clean of such accumulation until final acceptance of the work.

METHOD OF MEASUREMENT.

This work will be measured by the number of existing drainage structures for which the top is rebuilt as specified.

BASIS OF PAYMENT.

Except as noted below, the unit price bid for rebuilding each top of existing drainage structures shall include the cost of all labor, materials, and equipment, including sawcutting, excavation and removal of underlying materials necessary to complete the work. Removing and resetting existing drainage frames on existing drainage structures, furnishing new frames and grates, setting new drainage frames on existing drainage structures, and all necessary backfill and restoration will be paid for under the appropriate items. Removal and restoration of concrete/composite pavement will be paid for separately.