

**ITEM 10604.0729 M - REPAIR WALLS OF EXISTING DRAINAGE STRUCTURES**

**DESCRIPTION.** The work to be performed under this item shall consist of removal of deteriorated concrete block or brick walls and mortar joints on existing leaching basins, catch basins, drop inlets, and manholes; and replacement with mortared precast concrete pavers as shown on the contract plans or as ordered by the Engineer.

**MATERIALS.** Materials shall meet the requirements specified in the following subsections of Section 700:

Precast Concrete Pavers	704-13
Mortar for Concrete Masonry	705-21
Steps for Manholes	725-02.01

**CONSTRUCTION DETAILS.** The work to be performed under this item shall consist of removing deteriorated concrete block or brick walls and mortar joints and making the required repairs utilizing precast concrete pavers with mortared joints. All work shall be performed from inside the structure. When necessary, to insure safety of the workers, the Contractor shall provide temporary support of the structure walls while the repair work is being done.

The Contractor shall exercise care in the removal work so as not to damage remaining portions of the drainage structure walls. Any block that is not scheduled for removal under this item that is loosened by the removal operation shall be reset by the Contractor at his own expense to the satisfaction of the Engineer.

All damaged materials removed under this item, including debris, will become the property of the Contractor and shall be removed from the site of the work.

**METHOD OF MEASUREMENT.** This work will be measured by the actual number of square meters of wall area repaired at each structure measured on the plane of the interior walls of the structures so repaired.

**BASIS OF PAYMENT.** The unit price bid per square meter for this item shall include the cost of all labor, materials, and equipment required to complete the work, including the cost of removal of grate; removal and repair of structure walls to the required limits; replacement of steps if needed; resetting of grate; and temporary support of walls while the repair work is being performed.

Any damage to existing facilities caused by the Contractor's operations shall be repaired at the Contractor's expense.