

## ITEM 10604.0780 M - REBUILDING EXISTING CATCH BASINS

DESCRIPTION. The work performed under this item shall consist of constructing concrete walls within the existing catch basins 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, "Materials Details."

Precast Concrete Pavers.....704-13  
Mortar for Concrete Masonry..... 705-21

Concrete shall meet the requirements of Class D, conforming to the requirements of Section 501, "Portland Cement Concrete."

Steps for manholes shall meet the requirements of Subsection 725-02.01, "Steps for Manholes," except that aluminum steps will not be permitted.

CONSTRUCTION DETAILS. The Contractor shall remove the existing grate and repair any deterioration to the existing collar with precast concrete pavers and mortar. The Contractor shall burn or bend the existing steps as shown on the plans. The Contractor shall remove deteriorated portions of block wall and block wall protrusions as shown on the contract plans. The Contractor shall construct new concrete walls inside of the existing structure with steps as shown on the plans. The construction shall conform to the requirements of Section 555-3, "Structural Concrete."

Access for all work performed by the Contractor in constructing the walls shall be done by means of the opening in the frame together with access holes core drilled in the top slab for pouring concrete in the walls as shown on the plans.

Any existing structure walls, frames, grates, top slabs, or other roadway elements damaged due to the Contractor's carelessness shall be repaired or replaced to the satisfaction of the Engineer.

All removed materials, including debris but excluding existing grates, will become the property of the Contractor and shall be removed by him from the site of the work.

The Contractor shall then reset the existing grate and restore areas where access holes were placed.

12/82  
11/1/90  
2/1/96 M

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METHOD OF MEASUREMENT. This work will be measured by number of meters of height, to the nearest tenth of a meter, from the top of the bottom slab to the top of the grate, except that when the sump is eliminated the measurement shall be from the invert of the lowest pipe to the top of the grate.

BASIS OF PAYMENT. The unit price bid per meter shall include all labor, equipment, and materials necessary to complete the work. This shall include, but is not limited to, the removal and replacement of the grate, all repairs to the collars, removal of deteriorated portions of block wall and block wall protrusions, removal or bending of the existing steps, placement of the new steps, and all form work and concrete necessary to construct the walls. Also included in the bid price will be all work and materials necessary to form the opening for the existing pipes, access holes in the top slab and restoration at the area where the access holes were placed.

Existing frames and grates, damaged by the Contractor's carelessness, shall be repaired or replaced at no expense to the State. Any existing walls, top slab and other roadway elements, damaged due to the Contractor's carelessness, shall be repaired or replaced at no expense to the State.

12/82  
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