

ITEM 10604.5030 M - RELOCATE EXISTING LEACHING BASINS

DESCRIPTION.

This work shall consist of excavating, removing, and reinstalling existing leaching basins at the locations indicated on the Contract Plans or as directed by the Engineer. This work shall include cleaning and repairing of existing leaching basins as directed by the Engineer.

MATERIALS.

Existing leaching basins are to be reused. Porous fill shall comply with the requirements of Table 703-4 in subsection 703-02. The geotextile shall provide a permeable layer between the porous material and backfill which will allow water, but not soil particles to pass through. The geotextile shall conform to the requirements of Subsection 207-2.

CONSTRUCTION DETAILS.

The Contractor shall excavate around and carefully remove the existing leaching basins top slabs, frames and covers in a workmanlike manner, to the satisfaction of the Engineer. Care shall be exercised in handling the existing basins so as to not crack or break. Existing basins or top slabs which the Engineer determines have become damaged or otherwise unsuitable for relocating due to the Contractor's operations shall be replaced with new leaching basins at no additional cost to the State.

The Contractor shall not remove the existing leaching basins until immediately prior to the excavation for the reinforced concrete box culvert. Within 5 days after placing the concrete box culvert in this area, the Contractor shall install the leaching basin, pipe and catch basin that it is connected to. The Contractor shall place the existing leaching basins at the locations shown on the Contract Plans.

Frames and covers shall be removed, cleaned and reset at the required elevations. All mortared joints shall be cleaned and repointed. Upon completion of relocation each structure shall be cleaned of any accumulation of silt, debris of foreign matter of any kind and shall be kept clear of such accumulation until final acceptance of work.

The requirements of subsection 203-3.15, Fill and Backfill at Structures, Culverts, Pipes, Conduits and Direct Burial Cable, shall apply.

METHOD OF MEASUREMENT.

This work will be measured by the number of existing leaching basins relocated to the new positions.

BASIS OF PAYMENT.

The unit price bid for relocating each existing leaching basin shall include the cost of all labor, materials, and equipment necessary to excavate, remove, relocate and complete the work.

Excavation at the relocated position of the basin will be paid for under Trench and Culvert Excavation. Backfilling of the basin and pavement reconstruction will be paid for under the appropriate items.

No separate payment will be made for furnishing and placing porous fill material and geotextile underdrain. The cost thereof shall be included in the unit price bid for the leaching basin item.