

ITEM 604.13 11 – ABANDONING DRAINAGE STRUCTURES

DESCRIPTION

Under this item, the Contractor shall do all the work and furnish all materials necessary to abandon the drainage structures indicated on the plans.

The work shall include, but not be limited to; demolishing walls to the required depth, plugging pipes, breaking up bottom slabs, disposal of demolished material, filling openings, salvaging and delivering castings to a designated location, installing pavement, curb, sidewalk and lawn as required to replace damaged areas and areas previously occupied by the removed castings in accordance with the plans, specifications and directions of the Engineer.

MATERIALS

All materials shall be in accordance with NYSDOT Standard Specifications.

Subsections 704-01, 704-02, 705-21 and Subsection 203-2.02C of the Standard Specifications apply.

CONSTRUCTION DETAILS

The Contractor shall remove and salvage the castings from the drainage structures to be abandoned and shall deliver them to a designated location to be temporarily stored for ultimate use elsewhere on the project, disposed of off the work site, or pick up by others, as ordered by the Engineer.

The Contractor shall be responsible for carefully removing, loading, transporting and unloading the salvaged castings. Damage caused by the Contractor's negligence in handling the salvaged castings will be at the Contractor's expense. The ends of pipes within the drainage structure shall be totally plugged at locations indicated on the plans in a manner approved by the Engineer.

Drainage structures to be abandoned shall be demolished to a depth of at least 610 mm below the subgrade elevation and the demolished material shall be removed for disposal in accordance with the provisions of Subsection 203-3.08, "Disposal of Surplus Excavated Materials". The bottom slab shall be broken up in such a manner as to prevent water from being trapped. The cavity within the drainage structure shall be filled solidly with select granular fill in accordance with the provisions of Subsection 203-3.12, "Compaction".

Any pavement courses, subcourses, curbs, sidewalks and lawns removed or damaged during the work of abandoning drainage structures shall be replaced in kind; areas previously occupied by the removed castings shall be restored with pavement, sidewalk, curbs and lawns as required, similar to those adjacent to them as directed by the Engineer.

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METHOD OF MEASUREMENT

This work shall be measured by the number of drainage structures abandoned.

BASIS OF PAYMENT

The price bid shall include the cost of all labor, materials and equipment necessary to complete the work satisfactorily.