

ITEM 203.0199 06 – IMPERVIOUS EMBANKMENT IN PLACE

DESCRIPTION

This work shall consist of furnishing, placing and compacting impervious embankment material as shown in the contract documents and in accordance with §203 - Excavation and Embankment, except as herein modified.

MATERIALS

Impervious embankment material shall have the following gradation:

SIEVE SIZE	PERCENT PASSING BY WEIGHT
19.0 mm	80 - 100
4.75 mm	40 – 90
425 µm	30 – 85
75 µm	25 – 75

CONSTRUCTION DETAILS

All depressions, holes or keyway trenches shall be backfilled with impervious embankment material and compacted to not less than 95 percent of Standard Proctor Maximum Density.

Immediately prior to placement of the impervious embankment material, the entire earth surface on or against which fill is to be placed, shall be thoroughly scarified to a depth of 150 mm and compacted to not less than 95 percent of Standard Proctor Maximum Density. Impervious embankment material shall then be deposited in horizontal layers not exceeding 200 mm in thickness prior to compaction. Each layer shall be compacted to not less than 95 percent of Standard Proctor Maximum Density. The moisture content of all impervious embankment material shall not be greater than 2 percent above or below the Optimum Moisture Content as determined by A.A.S.H.T.O Designation: T-99, Method C at the time of compaction.

The entire embankment shall be brought to not less than the prescribed cross-section at all points.

METHOD OF MEASUREMENT

The quantity of impervious embankment in place shall be the number of cubic meters of material installed based on payment lines shown in the Contract Documents.

BASIS OF PAYMENT

The unit price bid per cubic meter shall include the cost of furnishing all labor, materials and equipment necessary to satisfactorily complete the work. The cost of adding water shall be included in the bid price. No direct payment will be made for any losses of material which may result from compaction, foundation settlement, erosion or any other causes.