

SPECIFICATIONS FOR SUPPLYING AND PLACING GRANULAR BACKFILL

1002. 1. DESCRIPTION

The work will consist of supplying, hauling to the site, placing and compacting granular backfill.

1002. 3. SUPPLY OF MATERIALS

The Contractor shall supply granular backfill which shall be free from organic material and shall meet the following requirements:

Not more than 50% shall pass the 4.75 mm sieve, and not more than 15% shall pass the 0.075 mm sieve. The gravel shall be uniformly graded from coarse to fine and the maximum particles shall not exceed 150 mm in diameter.

A sample of the granular material which the Contractor proposes to use shall be submitted to the Engineer at least 14 d before the material is to be used in the work. The Department will test the material for conformance to the grading requirements.

1002. 7. CONSTRUCTION METHODS

Granular backfill shall be placed in accordance with the plans and the Special Provisions or as directed by the Engineer. The backfill shall be placed in layers not to exceed 200 mm in depth and each layer shall be thoroughly compacted by means of packers or mechanical tampers approved by the Engineer to a relative compaction of not less than 95% standard Proctor.

1002. 9. METHOD OF MEASUREMENT

Granular backfill will be measured in cubic metres of material delivered and placed in the designated backfill areas. The capacity of vehicles hauling granular backfill will be derived from measurements made by the Engineer. These measurements will be used to establish the base capacity to the nearest 0.1 m³ and the capacity of a vehicle box so determined shall not be changed while in use on the project without the consent of the Engineer.

The Contractor shall level all loads before they are measured by the Engineer. Measurements will not be made for material heaped above the water level capacity of the box and deductions will be made in 0.1 m³ units for loads which do not contain full water capacity.

1002. 11. BASIS OF PAYMENT

(a) Supplying

Supplying granular backfill will be paid for at the Contract Unit Price per cubic metre for "Supplying Granular Backfill", measured as specified herein, which price will be payment in full for performing all operations herein described and all other items incidental to the work included in this Specification.

(b) Placing

Placing granular backfill will be paid for at the Contract Unit Price per cubic metre for "Placing Granular Backfill", measured as specified herein, which price will be payment in full for performing all operations herein described and all other items incidental to the work included in this Specification.