



## **2320 - SPECIFICATION FOR DISPOSAL OF SURPLUS ROCK**

### **2320 - 1 DESCRIPTION**

- 1.01 The work shall consist of the removal and disposal of field stones, boulders, and detached fragmentary rocks, that have not been incorporated into completed embankments, from within the right-of-way, borrow pits, and drainage ditches, and other areas shown on the plans or designated by the Engineer.
- 1.02 Surplus rock will be defined as stones, boulders, and detached fragmentary rocks, except those resulting from contiguous blasting operations, which have a dimension of eight (8) centimetres or more when measured in any direction and:
- (a) Have not been incorporated into completed earth or rock embankments as part of embankment construction operations.
  - (b) Are protruding more than eight (8) centimetres from the surface.
  - (c) Have been set aside, outside excavation or embankment areas, for measurement.
  - (d) Have been piled, prior to the start of construction operations, outside excavation or embankment areas.
  - (e) Are incorporated into the top fifteen (15) centimetres of material replaced on borrow areas outside of the right-of-way.

Loading, hauling, and disposing operations, that are performed separately from the main excavating operations and are required for disposal of surplus rock, will be considered as disposal of surplus rock.

### **2320 - 2 MATERIALS**

### **2320 - 3 CONSTRUCTION**

- 3.01 Surplus rock shall not be left within the right-of-way nor on such other areas on the plans or as designated by the Engineer.
- 3.02 Surplus rock generally shall be buried. If disposal pits are used, the ground surface shall be restored and levelled. A minimum of thirty (30) centimetres of earth is required over the buried rock.
- 3.03 Surplus rock may be disposed of in embankments in accordance with the requirements for Embankments (Specification 2300).
- 3.04 If the Engineer permits surplus rock to be piled on or adjacent to the right-of-way, the elevation of the top of the rock pile shall be at least sixty (60) centimetres lower than the shoulder elevation of any subgrade. Permission may be given to increase the elevation of the top of the rock pile relative to the shoulder elevation if the pile is more than eight (8) metres outside the right-of-way.

3.05 The Department will provide disposal sites and the disposal shall be performed as directed by the Engineer.

#### **2320 - 4 MEASUREMENT**

4.01 Surplus Rock will be measured in cubic metres in piles or in the disposal pits.

#### **2320 - 5 PAYMENT**

- 5.01 Payment for DISPOSAL OF SURPLUS ROCK will be at the contract unit price per cubic metre. The unit price will be full compensation for removing if required, loading, hauling, dumping, piling, levelling the piles, placing in pits, and restoring and levelling the ground surface over the buried rock.
- 5.02 If material excavated from disposal pits is used in the construction of embankments, the excavation will be paid for in accordance with the requirements for Earth Excavation (Specification 2200) and/or Rock Excavation (Specification 2250).
- 5.03 If material excavated from disposal pits is not used in the construction of embankments, the excavation will not be paid for directly but will be considered as a subsidiary obligation of the Contractor under other contract items.