

## **53.1 EXCAVATION AND BACKFILL**

### **53.1.1 GENERAL**

The Work consists of excavating subgrade soil and/or granular materials from gravel surface roadways or approaches generally for roadway strengthening. The excavated materials shall be salvaged, stockpiled and reused as backfill or disposed of as directed by the Engineer.

This specification does not apply for excavation and backfill associated with the installation or removal of culverts or pavement patching.

### **53.1.2 PROCEDURE**

The Contractor shall excavate material to the widths and depths specified by the Engineer. The excavated material shall be salvaged and stockpiled for use as backfill material or disposed of as determined by the Engineer.

Backfilling operations shall commence immediately following the completion of the excavation. If the salvaged material is used, it shall be placed and compacted in the excavated area to required thickness as directed by the Engineer. Any other granular material required for backfilling shall be produced and placed in accordance with the applicable specifications.

### **53.1.3 TIME TO COMPLETE AND SCHEDULING WORK**

The Contractor shall complete the Work within 60 calendar days of the issuance of the Work Order.

### **53.1.4 MEASUREMENT AND PAYMENT**

#### **53.1.4.1 Excavation**

Measurement for excavating granular or subgrade materials will be in cubic metres based on the volume of excavated material in its original position.

Payment will be made at the unit price bid per cubic metre for "Excavation". This payment will be full compensation for excavating and salvaging or excavating and disposing of the material, and all labour, equipment, tools and incidental necessary to complete the Work.

Measurement and payment for the haul of excavated material designated for disposal will be made in accordance with Specification 55.2, Hauling.

#### **53.1.4.2 Backfill**

Measurement for backfilling excavations with salvaged material will be in cubic metres based on the volume of the backfill material in its final compacted position.

Payment will be made at the unit price bid per cubic metre for "Backfill with Salvaged Material". This payment will be full compensation for placing and compacting the salvaged material, and all labour, equipment, tools and incidentals necessary to complete the Work.

Measurement and payment for new granular used for backfilling excavations will be in accordance with the applicable specifications.

**53.1.5            WARRANTY**

There is no warranty period for excavation Work. The warranty period for backfilling material shall be 1 year.