

53.29 SPOT GRAVELLING

53.29.1 GENERAL

The Work consists of the placing and spreading crushed gravel on roadways and approaches, generally in areas of less than one thousand square metres.

53.29.2 MATERIALS

The Contractor shall pick up crushed gravel from a source designated by the Engineer or produce crushed aggregate in accordance with Specification 55.3, Aggregate Production and Stockpiling, for the designation and class of material specified.

When required, the Contractor shall supply aggregate in accordance with Specification 55.4, Supply of Aggregate.

53.29.3 EQUIPMENT

The Contractor shall supply all equipment necessary to complete the Work.

53.29.4 PROCEDURE

Prior to the start of haul, the Contractor shall locate and properly sign all overhead powerlines within the work boundary.

All Work shall be performed during daylight hours only, unless adequate lighting exists which provides visibility of at least 700 metres and prior approval of the Engineer is obtained. No Work shall be performed when the visibility is less than 700 metres.

Traffic control and signing shall be performed in accordance with Specification 55.1, Traffic Accommodation and Temporary Signing.

Equipment used for spreading gravel shall operate in the direction of normal traffic flow at all times.

The gravel shall be placed in one or more layers as designated by the Engineer. The application rate for each layer will be as shown in the Work Order or as designated by the Engineer.

The Contractor shall determine the spread length for each load to achieve the specified application rate.

Gravel shall be promptly and uniformly spread and shall be spread before dark each day.

After gravel surfacing is complete, the Contractor shall, at his expense, repair all damage to the shoulders or ditches resulting from his operations, leaving the road neatly trimmed, smooth and true to cross-section and grade.

53.29.5 TIME TO COMPLETE

In urgent situations, the Contractor shall complete the Work within 2 calendar days of the issuance of the Work Order. In all other cases, the Contractor shall complete the Work within 10 calendar days of the issuance of the Work Order.

53.29.6 MEASUREMENT AND PAYMENT

53.29.6.1 General

Measurement will be in cubic metres based on truck box volume measurements.

The capacity of the gravel hauling vehicles will be measured by the Engineer. The measurements will be to the nearest 0.1 m³ capacity, and the capacity of the vehicle once measured shall not be changed without the consent of the Engineer.

The gravel shall be levelled, using a strike-off method, by the Contractor before measurement. No heaping or rounding of the load above the top of box level will be allowed. Truck boxes used in the haul of gravel shall be thoroughly cleaned upon unloading.

In urgent situations where the Contractor is required to complete the Work within 2 calendar days of the issuance of the Work Order, an additional payment will be made at the unit price bid per occurrence for "Spot Graveling - Premium". This payment will be full compensation for complying with the accelerated scheduling required to complete the Work.

There will be no separate or additional payment when gravel surfacing is placed in more than one layer.

Payment for the supply of aggregate will be made in accordance with Specification 55.4, Supply of Aggregate.

Payment for hauling will be made in accordance with Specification 55.2, Hauling.

53.29.6.2 Contractor Supply of Crushed Gravel

Payment will be made at the unit price bid per cubic metre for "Spot Graveling - Produce and Place". This payment will be full compensation for producing and spreading gravel surfacing material, traffic accommodation and signing and all labour, equipment, tools and incidentals necessary to complete the Work.

53.29.6.3 Department Supply of Crushed Gravel

Payment will be made at the unit price bid per cubic metre for "Spot Graveling - Pick up and Place". This payment will be full compensation for picking up and spreading gravel surfacing material, traffic accommodation and signing, and all labour, equipment, tools and incidental necessary to complete the Work.