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3.3 GRAVEL SURFACING

3.3.1 GENERAL

Gravel surfacing shall consist of the shaping of the road surface as required, and the placing of crushed gravel thereon as designated by the Consultant.

3.3.2 MATERIALS

The Contractor shall produce crushed aggregate in accordance with Specification 3.2, Aggregate Production and Stockpiling. The Contractor shall supply aggregate materials in accordance with Specification 5.2, Supply of Aggregate and haul aggregate materials in accordance with Specification 4.5, Hauling.

3.3.3 CONSTRUCTION

3.3.3.1 **General**

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

3.3.3.2 **Placing of Gravel Material**

The road surface shall be shaped to the proper grade, crown and superelevation as shown on the plans or as directed by the Consultant.

The Contractor shall advise the Consultant at least 24 hours prior to commencement of gravel surfacing operations to allow inspection of the prepared road surface. Gravel surfacing may proceed only on sections of road which have been approved by the Consultant.

The gravel shall be placed in one or more layers as designated by the Consultant, and the amount of gravel surfacing material to be placed in each layer will be as shown on the plans or as designated by the Consultant.

Gravel shall be promptly and uniformly spread, and in all cases shall be spread before darkness each day. Every precaution shall be taken by the Contractor to provide for the safety of traffic in the area of operations.

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

The Contractor shall maintain the gravelled surface until it is accepted by the Consultant. Maintenance shall be at the Contractor's own expense and shall be carried out daily or at frequent intervals, depending upon the effects of traffic and weather upon the gravelled sections of roadway.

The Consultant may accept contiguous one kilometre long sections of gravelled roadway or the whole project.

3.3.4 MEASUREMENT AND PAYMENT**3.3.4.1 Gravel Surfacing**

Measurement of gravel surfacing will be in cubic metres or tonnes, whichever is specified.

Volume measurements will be based on truck box measurement. The capacity of the gravel hauling vehicles will be measured by the Consultant. 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 Consultant.

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.

Payment of gravel surfacing will be made at the unit price bid per tonne or per cubic metre, whichever is specified for "Gravel Surfacing". This payment will be full compensation for shaping the road surface, processing, hauling and placing the gravel material.

There will be no separate or additional payment for placement of gravel surfacing in more than one layer.

Payment for the supply of aggregate will be made in accordance with Specification 5.2, Supply of Aggregate.