



4305 - SPECIFICATION FOR TRAFFIC GRAVEL BEHIND CONSTRUCTION

4305 - 1 DESCRIPTION

1.01 The work shall consist of gravel placed and spread on a newly constructed subgrade surface at the locations shown on the plans or as designated by the Engineer.

4305 - 2 MATERIALS

2.01 Material shall be obtained by salvaging gravel from the existing subgrade surface within sections designated by the Engineer.

2.02 If sufficient gravel is not available from the salvage operations, additional gravel may be obtained from sources shown in the special provisions or from sources arranged by the Contractor.

2.03 The additional gravel obtained from sources other than Department stockpiles shall be composed of fragments of durable rock free from undesirable quantities of soft or flaky particles, loam, and organic or other deleterious material. The additional gravel must comply with the following requirements:

Nominal Sieve Opening	Percent by Weight Passing Canadian Metric Sieve Series
	TYPE 106
22.4 mm	100
5.0 mm	50 - 85
2.0 mm	30 - 70

4305 - 3 CONSTRUCTION

3.01 Gravel shall be hauled in accordance with the requirements for Haul On The Basis Of The Kilometre (Specification 2405).

3.02 Gravel shall not be deposited until the subgrade surface has been trimmed and accepted in writing by the Engineer. The gravel shall be dumped and spread uniformly on the subgrade surface at the number of cubic metres per kilometre specified on the plans or as designated by the Engineer. The Contractor shall commence placing Traffic Gravel Behind Construction within six (6) hours of receiving acceptance of the subgrade surface.

3.03 Gravel shall be deposited and spread so that at no time shall there be more than five (5) kilometres of graded or partly graded highway not covered with gravel.

3.04 Traffic Gravel Behind Construction may also be applied to the finished surface of designated approaches and detours or to be used during inclement weather on isolated areas within the construction zone. The Contractor shall be prepared to commence placing gravel as Traffic Accommodation Gravel on any section of the subgrade under construction within one (1) hour if so directed by the Engineer. The Engineer may permit the use of motor scrapers for hauling Traffic Accommodation Gravel providing that no damage results to the subgrade surface due to the heavy loads.

3.05 Additional gravel may be obtained from the sources shown in the special provisions in accordance with the following conditions:

(a) Department Stockpiles

- (i) Equipment used for loading the gravel will be subject to the approval of Engineer. Equipment which may cause wastage of material at the stockpile site shall not be used.
- (ii) Material from the base of depleted or partially depleted stockpiles shall be neatly piled at no direct expense to the Department.

(b) Material Deposits

- (i) Overburden shall be removed in accordance with the requirements for Removal of Overburden (Specification 2260).
- (ii) Gravel in the deposit may be crushed but a screened product will be accepted.

3.06 If a crushed product is produced, all rock passing a one hundred and sixty (160) millimetre square opening screen and larger than the maximum specified size shall be crushed. Only rotary, shaker, and vibratory screens having square openings not larger than twenty two and four tenths (22.4) millimetres will be permitted.

3.07 If work must be carried over from one construction season to the next, the following will apply to those sections of highway on which Traffic Gravel Behind Construction was specified in the contract:

- (a) Traffic Gravel Behind Construction shall be placed on all graded or partly graded sections of highway up to a total length of five (5) kilometres.
- (b) The Contractor shall place Traffic Gravel Behind Construction on all other partly graded sections of highway at no direct expense to the Department.

4305 - 4 MEASUREMENT

4.01 Traffic Gravel Behind Construction will be measured in the vehicle in cubic metres.

4305 - 5 PAYMENT

5.01 Payment for TRAFFIC GRAVEL BEHIND CONSTRUCTION WILL BE AT THE CONTRACT UNIT PRICE PER CUBIC METRE. The unit price will be full compensation for salvaging, removing overburden, excavating, screening, loading, hauling, dumping, and spreading the gravel.