



City of Estevan

Construction Specifications

SECTION 2120
RESHAPING GRANULAR ROADBED

1.0 GENERAL

This section governs the requirements for scarifying and reshaping existing granular roadbed prior to the addition of asphaltic concrete wearing course.

2.0 MATERIALS

2.1 Granular Base Course shall conform to Section 1090 - Granular Materials and Aggregates.

3.0 INSTALLATION

3.1 Scarify roadbed to 150mm depth and bring granular roadbed to within 2% of the Optimum Moisture Content by adding water or aerating to dry. Blade and trim road bed to design cross section and grade.

3.2 Add and blend new granular base course where deficiency of material exists.

3.3 Compact roadbed to 100% Standard Proctor Density. Shape and roll alternately to obtain smooth, even and uniformly compacted base.

3.4 Proof roll and repair any soft, spongy or yielding areas by over excavation and replacement with granular base course. Compacted to 100% Standard Proctor Density, leveled, shaped and trimmed to design cross section and grade. Remove over excavated material to designated locations for disposal.

3.5 Reshaped compacted surface to be within ± 10 mm of design elevation.

3.6 Maintain reshaped surface in condition until asphaltic concrete wearing course is applied.

4.0 MEASUREMENT AND PAYMENT

4.1 The following work items in this section shall be paid in accordance with the Contract Unit Prices, which shall be deemed full compensation for all labour, materials, equipment, supplies, superintendence, overhead and profit for all work incidental to the supply, installation, completion and maintenance during warranty period of the respective items:

(I) Reshaping existing roadbed shall be paid on the basis of measured square meters of reshaped roadbed.

(II) New granular base material shall be paid on the basis of the quantity, in tonnes, noted on delivery tickets submitted to the Engineer for endorsement within 6 hours of delivery to site and so endorsed.

(III) Over excavation and replacement of excessively soft, yielding or spongy material below grade shall be paid on the basis of the quantity in tonnes of replacement imported granular base material noted on delivery tickets submitted to the Engineer for endorsement within 6 hours of delivery to site and so endorsed.

All other work items in this section shall be deemed incidental to the items above and a complete installation.