

PART 1 - GENERAL

- 1.1 SECTION INCLUDES .1 Requirements and procedures for reshaping and compaction of granular roadbed.
- 1.2 REFERENCES .1 American Society for Testing and Materials International, (ASTM).
.1 ASTM C 117-95, Standard Test Methods for Material Finer than 0.075 mm Sieve in Mineral Aggregates by Washing.
.2 ASTM C 131-96, Standard Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine.
.3 ASTM C 136-96a, Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates.
.4 ASTM D 698-00a, Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400ft-lbf/ft³) (600kN-m/m³).
.5 ASTM D 1557-00, Test Method for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000ft-lbf/ft³) (2,700kN-m/m³).
.6 ASTM D 1883-99, Standard Test Method for CBR (California Bearing Ratio) of Laboratory Compacted Soils.
.7 ASTM D 4318-00, Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.
- .2 Canadian General Standards Board (CGSB).
.1 CAN/CGSB-8.1-88, Sieves Testing, Woven Wire, Inch Series.
.2 CAN/CGSB-8.2-M88, Sieves Testing, Woven Wire, Metric.
- 1.3 MEASUREMENT FOR PAYMENT .1 Scarifying and Reshaping Including Compaction -
Scarifying and reshaping of existing granular material, including compaction, will be measured by the meter square (m²). Include incidental to this cost, all costs associated with water required for compaction.
- .2 Repair of soft spots will not be measured for payment.
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PART 2 - PRODUCTS

2.1 NOT USED .1 Not used.

PART 3 - EXECUTION

3.1 SEQUENCE OF OPERATION .1 Reshaping:
.1 Reshape existing granular material to achieve finished grade for asphalt as shown on the design drawings.
.2 Compaction equipment:
.1 Compaction equipment capable of obtaining required material densities.
.3 Compacting:
.1 Compact to density minimum 100% corrected maximum dry density in accordance with ASTM D 698.
.2 Shape and roll alternately to obtain smooth, even and uniformly compacted base.
.3 Apply water as necessary during compaction to obtain specified density.
.4 Use mechanical tampers, approved by Departmental Representative to compact areas not accessible to rolling equipment to specified density.
.4 Repair of soft areas:
.1 Correct soft areas by removing defective material to depth and extent directed by Departmental Representative. Replace with material acceptable to Departmental Representative and compact and compact to specified density.
.2 Maintain reshaped surface in condition conforming to this section until succeeding material is applied or until acceptance by Departmental Representative.

3.2 SITE TOLERANCES .1 Reshape compacted surface within plus or minus 10 mm of elevations as indicated.