

PART 1 - GENERAL

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| <u>1.1 RELATED REQUIREMENTS</u> | <ul style="list-style-type: none">.1 Section 01 74 21 - Construction/Demolition Waste Management and Disposal..2 Section 31 05 16 - Aggregate Materials..3 Section 32 12 13.16 - Asphalt Tack Coats..4 Section 32 12 16 - Asphalt Paving. |
| <u>1.2 REFERENCES</u> | <ul style="list-style-type: none">.1 American Society for Testing and Materials International, (ASTM)<ul style="list-style-type: none">.1 ASTM C 117-95, Standard Test Method for Material Finer Than 0.075 mm (No. 200) Sieve in Mineral Aggregates by Washing..2 ASTM C 131-01, Standard Test Method for Resistance to Degradation of Small Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine..3 ASTM C 136-01, Standard 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 (12,400 ft-lbf/ft³ (600 kN-m/m^{3.5 ASTM D698-78 Standard Proctor Dry Density..6 ASTM D 1557-00, Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft³ (2700 kN-m/m^{3.7 ASTM D 4318-00, Standard Test Methods for Liquid Limit, Plastic Limit and Plasticity Index of Soils.}}.2 Canadian General Standards Board (CGSB)<ul style="list-style-type: none">.1 CAN/CGSB-8.2-M88, Sieves, Testing, Woven Wire, Metric. |
| <u>1.3 WASTE MANAGEMENT AND DISPOSAL</u> | <ul style="list-style-type: none">.1 Separate waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management And Disposal. |
| <u>1.4 MEASUREMENT FOR PAYMENT</u> | <ul style="list-style-type: none">.1 <u>Reshaping Asphalt Pavement</u> - Measurement for reshaping or milling of existing asphalt pavement will be measured in square metres (m²). |

PART 2 - PRODUCTS

- 2.1 MATERIALS .1 Granular base: material in accordance with Section 31 05 16 - Aggregate Materials.
.1 Crushed stone or gravel.
- 2.2 EQUIPMENT .1 Compaction equipment must be capable of obtaining required densities in materials on project.
- .2 Scarifying and pulverizing of existing asphalt pavement (asphalt and granulars) shall be performed using a Catapiller Reclaimer RR-250 or equivalent approved by Departmental Representative.

PART 3 - EXECUTION

- 3.1 SCARIFYING AND RESHAPING .1 Scarify asphalt pavement (asphalt and granulars) to a total maximum depth of 50 mm unless otherwise directed by the Departmental Representative.
- .2 Pulverize scarified material to 40 mm maximum particle size and blend uniformly.
- .3 Blade and trim pulverized pavement material to elevation and cross section dimensions as indicated.
- .4 Where deficiency of pulverized material exists, add and blend in new granular base material as directed by Departmental Representative. Do not use frozen material.
- .5 Upon acceptance of the pulverized pavement material by the Departmental Representative, the Contractor shall prepare the area for hot mix asphalt paving including saw cutting, rough grading, placement of additional granular material as directed by the Departmental Representative, fine grading and compaction.
- .6 Contractor shall be responsible for maintaining the gravel surface in a condition acceptable to the Departmental Representative until the hot mix asphalt paving is complete.
- .7 The Contractor shall have proper dust control procedures in place while carrying out work.

- 3.2 COMPACTING
- .1 Compact reshaped material to approval of Departmental Representative.
 - .2 Shape and roll alternately to obtain smooth, even and uniformly compacted base.
 - .3 Apply water as necessary during compacting.
 - .4 In areas not accessible to compaction equipment, compact to specified density, with mechanical tampers approved by Departmental Representative.
- 3.3 FINISH TOLERANCES
- .1 Reshape surface to within plus or minus 10 mm of elevation as indicated, but not uniformly high or low.
 - .2 Correct surface irregularities by loosening and adding or removing material until surface is within specified tolerance.
- 3.4 MAINTENANCE
- .1 Maintain reshaped surface in condition accepted by Departmental Representative until hot mix asphalt paving is complete.