

**Part 1 General****1.1 REFERENCES**

- .1 American Society for Testing and Materials International (ASTM)
  - .1 ASTM D698-12, Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400ft·lbf/ft<sup>3</sup>)(600 kN·m/m<sup>3</sup>).
- .2 Ontario Provincial Standard Specifications (OPSS) and Drawings (OPSD)
  - .1 OPSS 302 - November 2007, Construction Specification for Primary Granular Base.
  - .2 OPSS 310.07 - November 2004, Specification for Hot Mix Asphalt – Construction.
  - .3 OPSS 314.07 – November 2005, Construction Specification for Untreated Granular, Subbase, Base, Surface Shoulder and Stockpiling – Construction.
  - .4 OPSS 1010 – April 2004, Material Specification for Aggregates – Base, Subbase, Select Subgrade and Backfill Material.
  - .5 OPSS 1103 – November 2007, Material Specification for Emulsified Asphalt.
  - .6 OPSS 1150 – November 2002, Material Specification for Hot Mix Asphalt.

**Part 2 Products****2.1 MATERIALS**

- .1 Aggregates to: OPSS 1010.
  - .1 Granular A.
  - .2 Granular B – Type II.
  - .3 Select subgrade.
- .2 Prime coat: RC-30 or SS-1 to OPSS 1103.
- .3 Tack coat: SS-1 to OPSS 1103.
- .4 Asphalt concrete: to OPSS 1150.

**Part 3 Execution****3.1 FOUNDATIONS**

- .1 Foundations for parking lots and laneway to comprise:
  - .1 150 mm compacted thickness of Granular Base A.
  - .2 300 mm compacted thickness of Granular Base B – Type II.
- .2 Construction of granular foundations: OPSS 314.07 except as amended and extended herein.
- .3 Compaction: compact each lift of granular material to 98% maximum density to ASTM D698. Maximum lift thickness: 150 mm.

**3.2 PAVEMENT THICKNESS**

- .1 Pavements for laneway:
  - .1 Wear course: 50 mm SP 12.5 mm, PG 58-34.
  - .2 Base course: 2 x 70mm SP 19.0 mm, PG 58-34.

**3.3 PAVEMENT CONSTRUCTION**

- .1 Application of prime coat: OPSS 302.
- .2 Construction of asphalt concrete: OPSS 310.07.

**END OF SECTION**