

PART 1 - GENERAL

- 1.1 RELATED SECTIONS .1 Section 32 11 16.01 - Granular Sub-base.
- 1.2 REFERENCES .1 American Society for Testing and Materials International, (ASTM)
.1 ASTM D698-00a, Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft³ (600 kN-m/m³)).
.2 Canadian General Standards Board (CGSB)
.1 CAN/CGSB-1.74-2001, Alkyd Traffic Paint.
.3 Ontario Provincial Standard Specifications (OPSS)
.1 OPSS 302-November 2007, Construction Specification for Primary Granular Base.
.2 OPSS 310-November 2012, Construction Specification for Hot Mixed Asphalt.
.3 OPSS 314-November 2013, Construction Specification for Untreated Granular, Subbase, Base, Surface Shoulder and Stockpiling.
.4 OPSS 1010-November 2013, Material Specification for Aggregates, Subbase, Select Subgrade, and backfill material.
.5 OPSS 1103-November 2012, Material Specification for Emulsified Asphalt.
.6 OPSS 1150-November 2010, Material Specification for Hot Mixed, Hot Laid Asphalt Concrete.
- 1.3 SAMPLES .1 Submit to Department Representative, the asphalt mix design at least 2 weeks before paving work.
- 1.4 MEASUREMENT AND PAYMENT PROCEDURES .1 Measure Granular 'A' included in work in tonnes. All additional work to be included in the balance of the project.
.2 Measure Granular 'B' included in work in tonnes. All additional work to be included in the balance of the project.
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1.4 MEASUREMENT AND
PAYMENT PROCEDURES
(Cont'd) .3 Measure Hotmix Asphalt (HL-3 at 50mm) included in
work in tonnes placed. All additional work to be
included in the balance of the project.

1.5 WASTE
MANAGEMENT AND
DISPOSAL .1 Separate and recycle waste materials in accordance
with Section 01 74 20.

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: SS-1 to OPSS 1103.
.3 Asphalt concrete: HL-3 to OPSS 1150.
.4 Asphaltic joint sealant between existing and new
asphalt: to ASTM D6690.
.5 The performance grade of asphalt as per Appendix B,
Table A-1 OPSS 1101.
.6 Traffic paint: Alkyd yellow (505-308) and
white(513-301) to CAN/CGSB-1.74 and OPSS 1712.
.7 Paint thinner: to CAN/CGSB-1.5.

PART 3 - EXECUTION

3.1 PAVEMENT
THICKNESS .1 As per cross section on detail drawing.

3.2 PAVEMENT
CONSTRUCTION .1 Application of tack coat: OPSS 1103. Apply only on
clean and dry surface. Paint contact surfaces of
curbs, gutters, manholes and like structures with
thin, uniform coat of asphalt tack coat material.
.2 Construction of asphalt concrete: OPSS 310.

3.3 ASPHALT
MARKINGS

- .1 Paint stop lines, centre lines and other pavement markings in accordance with manufacturers recommendations and as indicated.
- .2 Review layout with Department Representative prior to application.
- .3 Use paint thinner in accordance with manufacturer's requirements.
- .4 Pavement surface to be dry, free from ponded water, frost, ice, dust, oil, grease and other foreign materials.
- .5 Air temperature to be above 10°C, wind speed less than 60 km/h and no rain in forecast within next 4 hours.
- .6 Paint lines to be of uniform colour and density with sharp edges.
- .7 Remove incorrect markings as directed by Department Representative.