
Part 1 General

1.1 RELATED REQUIREMENTS

- .1 The list of work sections in this division is indicative and non-exhaustive. It does not exclude the works described in the other specification sections, shown in the drawings or necessary for the execution of the works in keeping with overall intent of the plans.
- .2 Section 01 33 00 - Submittal Procedures.
- .3 Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .4 Section 32 12 13.16 - Asphalt Tack Coat.

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-1.5-M91 (March 1999), Low Flash Petroleum Spirits Thinner (Reaffirmation of December 1991).
 - .2 CAN/CGSB-1.74-2001, Alkyd Traffic Paint.
- .3 Government of Québec, Minister of Transport
 - .1 Cahier des charges et devis généraux (CCDG) - latest edition.

1.3 SAMPLES

- .1 Submit samples in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Submit samples of material for sieve analysis to Departmental Representative, at least four weeks before beginning Work.

1.4 WASTE MANAGEMENT AND DISPOSAL

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .2 Dispose of unused paint and paint thinner materials at official hazardous material collections site as approved by Departmental Representative.
- .3 Do not dispose of unused paint and paint thinner material into sewer system, streams, lakes, onto ground or in any other location where it will pose health or environmental hazard.

- .4 Divert unused asphalt from landfill to facility capable of recycling materials.

Part 2 Products

2.1 MATERIALS

- .1 Aggregate for hot asphalt mix as specified in section 31 05 16 - Aggregate Materials.
- .2 Tack coat: SS-1, in accordance to CCDG.
- .3 Asphalt concrete: in accordance to CCDG.
 - .1 Armoury parking, NBC parking and George VI avenue :
 - .1 Base layer: EB-14, with PG 58-34 bitumen grade.
 - .2 Surface layer: EB-10S, with PG 58-34 bitumen grade.
 - .2 Bicycle path :
 - .1 Unique layer: EB-10C, with PG 58-34 bitumen grade.
 - .3 Road gutter Wilfrid-Laurier avenue :
 - .1 Base layer: EB-14, with PG 58-34 bitumen grade.
 - .2 Surface layer: EB-10S, with PG 58-34 bitumen grade.
- .4 Traffic paint: yellow and white to CAN/CGSB-1.74.
- .5 Paint thinner: to CAN/CGSB-1.5.

Part 3 Execution

3.1 PAVEMENT THICKNESS

- .1 Pavement :
 - .1 Armoury parking, NBC parking and George VI avenue :
 - .1 Base layer: EB-14, with PG 58-34 bitumen grade, 60 mm thick.
 - .2 Surface layer EB-10S, with PG 58-34 bitumen grade, 40 mm thick.
 - .2 Bicycle path :
 - .1 Unique layer: EB-10C, with PG 58-34 bitumen grade, 60 mm thick.
 - .3 Road gutter Wilfrid-Laurier avenue :
 - .1 Base layer: EB-14, with PG 58-34 bitumen grade, 80 mm thick.
 - .2 Surface layer: EB-10S, with PG 58-34 bitumen grade, 50 mm thick.

3.2 PAVEMENT CONSTRUCTION

- .1 Surface preparation : according to CCDG.
- .2 Application of prime coat and tack coat : according to CCDG.

- .3 Construction of asphalt concrete: according to CCDG.

3.3 ADJUSTMENT OF BITUMEN PRICE

- .1 The adjustment of bitumen price will be made in accordance with section 13.3.5.2 of CCDG, latest edition, depending on the reference price base mention in the table below. The reference price used for the adjustment will be that of « Bitume Québec ».

Bitumen	
Grade	Reference price
PG 58-34	990 \$ / metric ton

END OF SECTION