

PART 1 GENERAL

1.1 RELATED SECTIONS

- .1 Section 01 35 00 – Traffic regulation.
- .2 Section 32 11 33 – Cement treated soil base course.

1.2 REFERENCES

- .1 Ministry for Transport of Quebec, Laboratory of the roadways:
 - .1 LLC 21 - 040 "Granulometric Analysis".
 - .2 LLC 21 - 065 "Determination of the density and the absorption of the fine aggregate".
 - .3 LLC 21 - 066 "Determination of the density and the absorption of the fine aggregate of size range d/D".
 - .4 LLC 21 - 067 "Determination of the density and the absorption of the coarse aggregate".
 - .5 LLC 26 - 001 "Behaviour with water (by steeping)".
 - .6 LLC 26 - 005 "Sampling".
 - .7 LLC 26 - 060 "Marshall Method of measurement of the resistance to the deformation of test-tubes".
 - .8 LLC 26-100 "Determination of the content of bitumen".
 - .9 LLC 26-110 "Determination of the mass of the filler in the product of the extraction".
 - .10 LLC 26-150 "Determination of the factor of correction to be used for the calculation of the content of bitumen".
 - .11 LLC 26-320 "Determination of the percentage of voids in the hot compacted bituminous mix".
 - .12 LLC 26-350 "Analyzes granulometric aggregates".
 - .13 LLC 26-900 "Determination of characteristics by the calculation of various factors".

1.3 MEASUREMENT PROCEDURES

- .1 Measure asphalt concrete paving in metric tonne of asphalt concrete actually incorporated into work according to the profiles and according to measured surface at the final grade of the layer. Indications concerning layer thickness may vary with profile and represent a minimum to respect. Quantities will only be taken into account for material incorporated into Work and accepted by ministry Representative.
- .2 Measure asphalt emulsion between paving coats in litres actually incorporated into the works in accordance with cross sections and measured surface of final coat.
- .3 The adjustments of existing sewer manhole covers and catch basins to adjust shall be included in the cost of paving.

1.4 SAMPLES

- .1 Send to the ministry Representative, at least four(4) weeks before the beginning of work, the samples of the materials proposed for the grain size analysis.

1.5 MANAGEMENT AND WASTE DISPOSAL

- .1 Evacuate materials of packing out of the building site and forward them to suitable installations of recycling.
- .2 Place in indicated containers the substances which correspond to the definition of toxic or dangerous waste.
- .3 Convey the aggregates not used towards a career.
- .4 Forward an utilised bituminous materials to an adequate installation of recycling.

PART 2 PRODUCTS

2.1 MATERIALS

- .1 Aggregates: in conformity with the NQ 2560-114 - Work of civil engineering - Aggregates.
- .2 Bituminize fixing: of type S-1, conforms to standard 4105 of the Ministry for Transport of Quebec.
- .3 Asphaltic concrete: conform to standard 4201 of the Ministry for Transport of Quebec.

PART 3 EXECUTION

3.1 FOUNDATIONS

- .1 The granular foundations must be carried out in accordance with the section 32 11 33 – Cement treated soil base course.

3.2 THICKNESS OF THE CARRIAGEWAY SURFACINGS

- .1 Carriageway surfacing (according to the sites shown in the plans):
 - .1 ESG-10, 45 mm thickness.
 - .2 GB-20, 80 mm thickness.

3.3 REALIZATION OF THE CARRIAGEWAY SURFACINGS

- .1 Preparation of the surface of the coating: according to the CCDG.
- .2 Application of the tack coat: according to the CCDG.
- .3 Realization of the asphaltic concrete coating: according to CCDG.

3.4 WEIGHT BILLS

- .1 Weight bills for the asphalt must be submitted to the ministry representative every day when realising paving.

END OF THE SECTION