

This specification outlines the requirements for the supply and placement of hot mix asphaltic concrete pavement.

## PART 1 REFERENCES

This specification refers to the following standards, specifications, or publications:

Government of Newfoundland and Labrador, Department of Transportation and Infrastructure (TI), Highway Design and Construction Division, Highway Specifications Book:

Division 3 - Specifications for Pavement, Selected Granular Base Course and Related Materials

Section 330	Hot Mix Asphalt Concrete
Section 331	Performance Grade Asphalt Binder
Section 332	Hot Mix Asphaltic Concrete – Method Specification
Section 333	Hot Mix Asphaltic Concrete – End Product Specification
<u>Section 334</u>	<u>Pavement Smoothness</u>
Section 337	Warm Mix Asphalt

## PART 2 GENERAL

The latest edition of the TI, Highway Specifications Book, as published by the Highway Design and Construction Division, Sections listed in the References subsection of this section will apply to all asphalt, granular and associated works placed on municipal projects, funded by the Department, with the following exceptions:

### 2.1 EXCEPTIONS TO HIGHWAY SPECIFICATIONS BOOK

- .1 Replace all references to the Materials Engineering Division (MED), depending on context, with the Owner or the testing laboratory.
- .2 Compensation for quality control and testing will be in accordance with Section 01400 and govern in case of a conflict with the HDC Highway Specifications Book.
- .3 The minimum rated capacity for the asphalt mixing plant is 70 tonnes per hour delivered to the spreader, with a production history to support this requirement.
- .4 Approval to exceeding the maximum haul time of 180 minutes (330.01) must be obtained in writing from the Owner and MI's Regional Office.

.5 Confirm with Owner the required attendees for pre-pave meetings.

.1 Provide approved copy of Contractor's asphalt plant Certificate of Approval from DGSNL.

.4.6 Placement of roadway paving is only permitted after the cut-off dates (330.05) and before the spring season with the approval of the Owner and MI's Regional Office. All other placement conditions must also be met.

.5.7 Inherent to the request to place asphalt after the cut-off dates (330.05) and before the spring season, the Contractor agrees to supply a two (2) year warranty on the quality of the asphalt placed.

.6.8 If a roadway consists of only one asphaltic lift, the cut-off dates for placement (330.05) is that of a Surface Mix.

.7.9 There are no exceptions to the size and number of rollers specified in TI, Highway Specifications Book (330.07.08).

.10 The Material Transfer Device/Vehicle (Section 330.07.09) will not be utilized unless specifically required and included in the MERX Schedule of Quantities and Prices.

.8.11 There will be no implementation of price adjustment for temperature of PGAB (331.08.01). Acceptance of Work falling in the rejection zone will be governed by the General Conditions.

.9.12 There will be no implementation of unit price payment adjustments (332.07.02 Table 1 and Table 2, 332.07.03 Table 3 and Table 4, and 332.07.04). Acceptance of Work falling outside of tolerances or in a rejection zone will be governed by the General Conditions.

.13 If the roadway to be paved belongs to the Owner and not the Province, the Work or part of the Work may be exempt from the requirement for cores (332.07.03). Approval of this exemption must be provided by the Owner and/or Regional Engineer. Asphalt density and thickness will be confirmed by other methods approved by the Owner.

.10.14 Performance Grade Asphalt BinderCement (Sections 332.09.03 and 333.12.03) and Blending Sand (Sections 332.09.04 and 333.12.04) will not be considered individual bid items but are to be included in the "Hot Mix Asphalt Concrete Pavement" prices in the MERX Schedule of Quantities and Prices.

.15 There will be no implementation of liquidated damages ~~or bonuses~~ as specifically outlined in 333 Hot Mix Asphaltic Concrete – End Production Specification (333.07.01 and 333.07.02). The General Conditions will govern.

.16 Refer to holdback for failure to meet the time requirement for test results (333.07.02) and for submission of the final Quality Control data report

(333.07.02) as 'funds withheld for incomplete work'. Funds will be released once work is completed to the satisfaction of the Owner.

.11.17 There will be no implementation of unit price payment adjustments (333.08.02 Tables 2, 3, and 4, 332.08.03 Table 5, 332.08.04 Table 6, and 332.08.05 Table 7). Acceptance of Work falling outside of tolerances or in a rejection zone will be governed by the General Conditions.

.12.18 Asphaltic Patching (333.11) will be in accordance with Section 02574 – Reshaping & Patching Asphalt Pavement.

PART 3 PRODUCTS

3.1 NOT APPLICABLE

PART 4 EXECUTION

4.1 NOT APPLICABLE

PART 5 PAYMENT

5.1 MEASUREMENT FOR PAYMENT

.1 Measurement for Payment will only be made for those materials accepted for use under this specification and then only when incorporated into the work at the required locations and thicknesses as indicated on the plans.

.4.2 The Contractor shall not be paid more than 105 % of the calculated quantities based on theoretical limits (using 2.45 tonne/m<sup>3</sup>) and approved tickets. This additional quantity is included in the MERX Schedule of Quantities and Prices.

.2.3 Asphaltic Concrete Base and Surface Course ~~as well as Adjustments~~ will be paid by the tonne.

.3.4 Asphaltic Concrete Walkways and Ditches will be paid for by the linear meter for the various thicknesses and widths outlined in the MERX Schedule of Quantities and Prices.

5.2 BASIS OF PAYMENT

.1 All costs associated with the work outlined in this specification shall be deemed to be included in the appropriate unit and lump sum prices quoted as outlined below and as included in the MERX Schedule of Quantities and Prices.

- .2 Payment for testing will be in accordance with Section 01400 – Quality Control and Testing Laboratory Services. Further to the “Asphalt Density” section (332.07.03), cores will only be performed when requested by the Owner and/or Regional Engineer and at the project expense for the initial test per section of road. Subsequent testing (if required as a result of because of a dispute) will be at the Contractor’s expense.
- .3 Asphaltic Patching (333.11) will be in accordance with Section 02574 – Reshaping & Patching Asphalt Pavement.

Not For Construction