

## CRACKS OCCURRING IN ASPHALT CONCRETE PAVEMENT DURING THE WARRANTY PERIOD

This Bulletin is intended to clarify the clause entitled "Contractor's Warranty" contained in Specification 1.2, General (Edition 7, 2000 of Standard Specifications for Highway Construction), for the issue of cracking in asphalt concrete pavement. This Bulletin shall apply to all projects tendered after July 31, 2000.

### 1 Issue

The wording of the "Contractor's Warranty" clause could be interpreted to mean that the Contractor is responsible to repair any cracks which occur in asphalt concrete pavement during the specified warranty period. This is not the intent of the specification.

It is accepted that on asphalt concrete pavement overlay projects, cracks which exist in the ACP surface being overlaid can reflect through to the surface of the overlay during the warranty period, regardless of the quality of the Contractor's workmanship. Further, the percentage of existing cracks which reflect through the new pavement during the warranty period may vary from project to project and could not necessarily be estimated accurately by the Contractor or the Department in each case.

For grading/base course/paving or base course/paving projects, the Department considers that any cracks which are greater than 5 mm in width, occurring during the warranty period are attributable to the Contractor's workmanship.

### 2 Administration of the Specification

- (a) With the exception of cracks resulting from any "center-of-paver streak", any cracks occurring in the surface of an asphalt concrete pavement overlay will not be considered as a warranty item.
- (b) Any cracks greater than 5mm in width occurring in the surface of asphalt concrete pavement which covers granular base course also placed by the Contractor, shall be considered a warranty item and shall be repaired as follows. This includes any cracks in pavement covering the granular base course portion of a grade widening project and any longitudinal cracking at the construction joint between the widening and the existing structure.
  - (i) Any cracks greater than 5mm and less than or equal to 10mm in width shall be repaired by the Contractor using cold pour material from the Department's Recognized Products list and in accordance with Specification 3.31, Asphalt Pavement Crack Sealing.
  - (ii) Any cracks greater than 10mm in width shall be repaired by the Contractor using material from the Department's Recognized Products List and in accordance with Specification 3.30, Asphalt Pavement Crack Routing and Sealing.