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7.3 PAINTED PAVEMENT MESSAGES

7.3.1 GENERAL

The Work shall consist of painting pavement messages such as crosswalk, stop ahead, turning arrows and stop bar lines, at the locations shown on the plans and to the dimensions specified.

7.3.2 MATERIALS

7.3.2.1 **Templates**

The Contractor shall supply templates to the dimensions as shown on the applicable figures and drawings. The dimensions shown on the figures are in millimetres unless otherwise indicated.

7.3.2.2 **Paint and Glass Beads**

The Contractor shall supply the paint and glass bead materials in accordance with Specification 5.20, Supply of Line Painting Materials.

7.3.3 SCHEDULING OF THE WORK

All painting shall be carried out during hours of daylight between ½ hour after sunrise and ½ hour before sunset. Generally the Contractor may paint messages during any day of the week but is cautioned that traffic volumes are usually higher on all highways on Friday, Saturday and Sunday. Message painting on highways with relatively high traffic volumes shall be performed between Monday and Thursday inclusive if so directed by the Consultant.

Scheduling of the work shall be subject to the approval of the Consultant. Prior to commencement of the work, the Contractor shall submit his schedule to the Consultant for consideration.

7.3.4 PAINTING PAVEMENT MESSAGES

7.3.4.1 **Pavement Surface and Atmospheric Conditions**

Painting shall not be performed during the following conditions:

- When the temperature is below 0°C.
- When wind conditions cause overspray.
- When the visibility is less than 700 metres.
- During periods of rainfall.

Areas to be painted shall be clean and dry during the application of paint.

Areas to be painted shall be inspected by the Contractor to ensure they are clean, free of sand and debris, and suitable for painting and any required sweeping or otherwise cleaning shall be undertaken by the Contractor.

7.3.4.2 Paint and Bead Application

Messages shall be painted using the templates. Each message shall be painted once unless otherwise specified in the special provisions or directed by the Consultant.

All painted messages shall be applied at the rate of 0.4 ℓ/m^2 of actual painted area. Glass beads shall be applied immediately following the paint application at a uniform application rate of 600 g/ ℓ of paint. Aircraft Patrol Zone markings do not require glass bead application. Messages initially applied at less than the specified rate, as determined by the Consultant, shall be repainted at the expense of the Contractor.

All painted messages shall be uniform in thickness with no splatter, excessive overspray or other defects.

Traffic shall be kept off painted messages until the paint has dried to traffic and will not track.

7.3.4.3 Removal of Incorrectly Painted Messages

All messages that are incorrectly painted by the Contractor, painted where no messages are specified or where tracking occurs shall be removed by the Contractor at his own expense and to the satisfaction of the Consultant. The method and equipment used by the Contractor to remove or rectify incorrectly painted messages will be subject to the approval of the Department.

7.3.5 MEASUREMENT AND PAYMENT

Measurement will be made of the number of times each type of message is painted.

Payment will be made at the applicable unit price bid per message for "Pavement Messages". When painting a message more than once is required, payment will be made for each painting. This payment will be full compensation for inspecting the areas to be painted, sweeping if required, supplying the templates, paint and glass beads, painting the pavement messages and traffic accommodation.

No payment will be made for incorrectly painted messages.