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**PAINTED TRAFFIC LINES AND MARKINGS**

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**PART 1 GENERAL****1.1 General Requirements**

- .1 Comply with requirements of Division 1.

**1.2 Related Work**

- .1 Section [01740](#).....Cleaning
- .2 Section [02743](#) .....Asphalt Concrete Paving
- .3 Section [03300](#) .....Cast in Place Concrete

**1.3 Protection**

- .1 Protect fresh paint until fully cured. Provide suitable barriers, devices and warning signs as required.

**PART 2 PRODUCTS****2.1 Materials**

- .1 Traffic paint: alkyd type to CGSB1-GP-74M + Amdt-May-81:
  - .1 Colours:
    - .1 White: Traffic Paint White 9011 by ICI or equivalent product by other manufacturer approved by Consultant.
  - .2 Paint thinner: CAN/CGSB-1.5-M91
- .2 Paint applicator: approved pressure type mobile equipment, capable of depositing paint uniformly, at rates required.

**PART 3 EXECUTION****3.1 Preparation**

- .1 Substrates shall be dry, free from water, frost, ice, dust, oil, grease and any other foreign substance which would impair proper bonding and performance of paint.
- .2 Lay out traffic markings prior to paint application. Space control points at intervals to ensure accurate spacing and direction of lines.

**3.2 Application**

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- .1 Spray paint parking zone lines and other pavement markings required, including but not limited to, hash marks for no parking areas, direction arrows and handicap parking symbols.
- .2 Apply paint in full and uniform coat, completely concealing substrate.
- .3 Apply paint only when ambient temperature is above 10°C and wind speed is less than 15 km/h, and no rain is forecast within next 12 hours.
- .4 Use templates for symbols, arrows, lettering.
- .5 Paint lines straight, or uniformly curved, with well defined, sharp edges.
- .6 Unless otherwise indicated, paint lines 125mm wide.
- .7 Paint curb depressions to meet safety and accessibility requirements.
- .8 Unless otherwise shown provide the following colours:
  - .1 White: crosswalks, stop bars, arrows and driving lane designation lines separating traffic travelling in same direction, parking lot stalls.
  - .2 Blue: Wheelchair accessible logo in parking stalls as per City accessibility standards.

**END OF SECTION – 02761**