

**Part 1            General**

**1.1                DESCRIPTION**

- .1            This specification to cover all labour, equipment and materials required to mark parking stall lines, no parking areas and accessible parking symbols.

**1.2                RELATED SECTIONS**

- .1            N/A.

**1.3                REFERENCES**

- .1            CAN/CGSB – 1.5 – M91, Low Flash Petroleum Spirits Thinner.
- .2            CGSB 1-GP-12c-68, Standard Paint Colours.
- .3            CGSB 1-GP-71-83, Method, of Testing Paints and Pigments.
- .4            CGSB 1-GP-74M-79, Paint, Traffic, Alkyd.

**1.4                SUBMITTALS**

- .1            Submittals in accordance with Submittal Procedures specification.
- .2            Proof of Non-Toxic Composition: Product data confirming chemical composition for traffic paint conforms to the latest health and environmental standards of the local jurisdiction.

**1.5                SAMPLES**

- .1            Submit samples, on request, in accordance with Section 01 33 00 Submittal Procedures.
- .2            Submit to the Contract Administrator the following material sample quantities at least two (2) weeks prior to commencing work.
  - .1            One painted sample of each type of paint.
  - .2            Sampling to CSGB 1-GP-71.
- .3            Clearly mark samples with name of project and its location, paint manufacturer's name and address, name of paint, CGSB specification number and formulation number and batch number.

**Part 2            Products**

**2.1                MATERIALS**

- .1            Paint shall conform to City of Winnipeg specifications for reflectorized traffic paint or suitable equivalent for application to asphalt and/or concrete surface.
  - .1            CGSB 1-GP-74M + Amdt-May-81, alkyd traffic paint
  - .2            High Gloss Traffic Paint (IBIS Products Limited)
- .2            Paint colours shall be to CGSB 1-GP-12C
  - .1            Blue: Pride Enterprises, Handicap Blue 15813 or approved equal.
  - .2            White CGSBI-GP-12C-68
  - .3            Thinner: To CAN/CGSB-1.5M91

**Part 3 Execution**

**3.1 EQUIPMENT REQUIREMENTS**

- .1 Paint applicator to be an approved pressure type mobile distributor capable of applying paint in single, double and dashed lines. Applicator to be capable of applying marking components uniformly, at rates specified, and to dimensions as indicated, and to have positive shut-off.

**3.2 CONDITION OF SURFACES**

- .1 Pavement surface to be dry, free from ponding water, frost, ice, dust, oil, grease and other foreign materials. Clean paved areas as necessary to achieve acceptable surface preparation.

**3.3 TRAFFIC CONTROL**

- .1 Barricade areas to be painted to all vehicular traffic during installation and for six (6) hours after installation.

**3.4 APPLICATION**

- .1 Lay out parking stall lines, no parking zones, and accessible parking symbols as indicated on the Drawings. Obtain the Contract Administrator's approval prior to painting.
- .2 Unless otherwise approved by the Contract Administrator, apply paint only when air temperature is above 10°C, wind speed is less than 50 km/h and no rain is forecast within the next eight (8) hours.
- .3 Apply traffic paint evenly at rate of 3 sq.m. per litre. Do not thin paint unless approved by Contract Administrator.
- .4 Parking stall paint lines to be 100mm wide, of uniform colour and density with sharply defined edges.
- .5 Paint parking stall and no parking lines yellow. Paint accessible parking symbols white within blue rectangle.
- .6 Thoroughly clean distributor tank before refilling with paint of a different colour.

**3.5 TOLERANCE**

- .1 Paint markings to be within plus or minus 6mm of dimensions indicated, straight and true and aligned with fixed features such as curbs, sidewalks and walls.
- .2 Remove incorrect markings and re-apply at no extra cost to The City.

**3.6 PROTECTION OF COMPLETED WORK**

- .1 Protect pavement markings until dry.

**END OF SECTION**