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**Decommissioning, Demolition and Site Restoration SSB HQ**  
**Southside Road, St. John's, NL**  
**Project No. R.111146.001**

2020/12/01

Section 32 17 23 – Pavement Markings

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PART 1 - GENERAL

1.1 REFERENCES

- .1 Canadian General Standards Board (CGSB)
  - .1 CAN/CGSB-1.5, Low Flash Petroleum Spirits Thinner.
  - .2 CGSB1-GP-12c, Standard Paint Colours.
  - .3 CGSB1-GP-71, Method, of Testing Paints and Pigments.
  - .4 CGSB1-GP-74M, Paint, Traffic, Alkyd.

1.2 SUBMITTALS

- .1 Submit to Departmental Representative following material sample quantities at least 4weeks prior to commencing work.
  - .1 Two 1L samples of each type of paint.
- .2 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:
  - .1 To CGSB1-GP-74M, alkyd traffic paint.
  - .2 Colour: to CGSB1-GP-12C, white 513-301 or as otherwise directed by Departmental Representative.
  - .3 Upon request, Departmental Representative will supply a qualified product list of paints applicable to work. Qualified paints may be used but Departmental Representative reserves right to perform further tests.
- .2 Thinner: to CAN/CGSB-1.5.

2.2 EQUIPMENT

- .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.

2.3 CONDITION OF SURFACE

- .1 Pavement surface to be dry, free from ponded water, frost, ice, dust, oil, grease and other foreign materials.

2.4 APPLICATION

- .1 Lay out pavement markings as indicated on drawings.
- .2 Unless otherwise approved by Departmental Representative, apply paint only when air temperature is above 10°C, wind speed is less than 60km/h and no rain is forecast within next 4h.
- .3 Apply traffic paint evenly at rate of 3m<sup>2</sup>/L.
- .4 Do not thin paint unless approved by Departmental Representative.
- .5 Symbols and letters to conform to dimensions indicated.
- .6 Paint lines to be of uniform colour and density with sharp edges.
- .7 Thoroughly clean distributor tank before refilling with paint of different colour.

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2.5 TOLERANCE

.1 Paint markings to be within plus or minus 12mm of dimensions indicated.

2.6 PROTECTION OF COMPLETED WORK

.1 Protect pavement markings until dry.