

Part 1 General

1.1 REFERENCES

- .1 Canadian Standards Association (CSA)
 - .1 CAN/CSA-Z321, Signs and Symbols for the Occupation Environment.
 - .2 CAN/CSA A-B651-M90, Barrier Free Design.
 - .3 CAN/CSA –Z234.4-89, All-numeric Dates and Times.
- .2 Canadian General Standards Board (CGSB)
 - .1 109.1M Signage Systems, Extruded Aluminum FIIP.
 - .2 109.2M, Letters and Symbols, Die-Cut Film, FIP.
 - .3 109-GP-5MP, Signage Materials, Interior and Exteriors.
- .3 Government of Canada Federal Identity Program Manual:
 - .1 Signage System Overview and implementation, December 1992.
 - .2 Federal Identity Manual (FIP).
- .4 Authority Publication – Ministry of Transportation of Ontario:
 - .1 Ontario Traffic Control Manual for Roadway Work Operation – Field Edition.
 - .2 Manual of Uniform Traffic Control Devices, M.U.T.C.D. for Streets and Highways. Part 5 Traffic Control Devices for Low-Volume Roads.

1.2 DESIGN REQUIREMENTS

- .1 Sign supports to be capable of withstanding summation of following loads:
 - .1 Wind load in any direction of 0.60 kPa on signboards and 0.60 kPa on sign supports and appurtenances.
 - .2 Dead load of signboards, sign supports and appurtenances.
 - .3 Ice load of 0.25 kPa on one face of signboards and around surface of all structural members and appurtenances.

Part 2 Products

2.1 MATERIALS

- .1 Signs
 - .1 Conform all signs to the Government of Canada Federal Identity Program Manual.

Part 3 Execution

3.1 PLACEMENT AND INSTALLATION

- .1 Erect post to be supported and free-standing.
- .2 Conform all signs to the Government of Canada Federal Identity Program Manual.

3.2 PROTECTION

- .1 Place temporary covering on signboards where indicated. Covering to be capable of withstanding rain, snow and wind and be non-injurious to signboard. Replace deteriorated covering and remove covers as directed by the Departmental Representative.

3.3 CORRECTING DEFECTS

- .1 Correct defects, identified by the Departmental Representative, in sign message, consistency of reflectivity, colour or illumination. Correct angle of signboard and adjust luminaire aiming angle for optimum performance during night conditions to approval of the Departmental Representative.

END OF SECTION