



— Township of —

SEVERN

ENGINEERING STANDARDS

Signage and Pavement Markings



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1 Introduction

The purpose of this section is to outline the minimum requirements for the design and construction of signage and pavement markings within the Township. These requirements are intended to provide guidance and minimum expectations, but this shall not relieve the practitioner of the responsibility of ensuring a completed product demonstrating competent engineering and full compliance with all applicable legislation.

2 Other Applicable Acts, Codes, Standards, Legislation, Design Guidelines

Practitioners must be fully familiar and ensure compliance with other applicable acts, codes, standards, legislation, and guidelines when carrying out the design, including but not limited to the Transportation Association of Canada (TAC) guidelines and manuals; the Ministry of Transportation Ontario (MTO), Ontario Traffic Manual (OTM), Ontario Provincial Standards (OPS).

3 Deviation from Standards

If the practitioner deems that a deviation from these standards is required, they must make a formal request to Township, complete with a memorandum identifying the proposed deviation along with an explanation of the rationale behind the requirement and how it will be of benefit. The Township may approve or reject any/all requests and the practitioner must comply with that decision. If a deviation is approved, a copy of the written approval must be included with any submissions to the Township.

4 Signage

4.1 General

This section refers to all traffic and street name signs to be designed and constructed within the Township's right-of-way. Standards and requirements for any other type of signage must be confirmed with the Township directly.

All existing and proposed signs, including type and location, must be shown on the engineering drawings. Locations shall be in accordance with the Township standard details drawings and must be approved by the Township.

No signage shall be removed and/or installed until the Township has provided direction to do so.

All signs shall be mounted on 3.6 m (1.2 m lower channel and 2.4 m upper channel), double-slide, and "U-Channel" galvanized steel posts, embedded 0.9 m in the ground. Signage must be installed using a breakaway system, as applicable.

4.2 Traffic Signs

All traffic signs, including the type, use, and location, shall be in accordance with the latest version of the OTM. This includes any temporary signage required during construction.

4.3 Street Name Signs

Street name signs are required at all intersections and must identify each street at the intersection.

All street name signs are to be 200 mm in height, reflective green in colour, with 100 mm white Highway Gothic lettering, as per Provincial Standard G216 and as shown in the detail drawings. Sign length must accommodate the name of the street, plus a minimum 25 mm spacing at each end. All signs shall be extruded aluminum and a minimum of 2.3 mm in thickness.

For municipal roads, the words “Township of Severn” are to appear at the top of the sign, above the street name.

Street name signs may not be combined with stop signs. Street name signs may be strapped to streetlight poles using aluminum brackets if the poles are properly positioned and if project specific approval is provided by the Township.

5 Pavement Markings

All temporary and permanent pavement, hazard, and delineation markings shall be in accordance with the latest version of the OTM and OPS.

All markings, including type and location, must be shown on the engineering drawings and must be approved by the Township.

Traffic symbols, stop bars and crossings are to be durable pavement markings or field reacted polymeric pavement markings. All lane markings are to be organic, solvent-based, or water borne traffic paint complete with glass beads. All lane marking applications to new asphalt require two applications. The second application shall not be applied until the first is tack free.

Unless otherwise directed by the Township, local streets do not require centreline pavement marking; however, stop bars are required with a minimum of 15.0 m of centreline marking.

All pavement marking removal that is required shall be done by abrasion.