

Stop Controlled Intersections

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References and Related Documents

Highway Traffic Act R.S.O., 1990, Section 136

Ontario Traffic Manual Book 5

[Stop Controlled Intersections Policy](#)

Purpose

The County of Grey is responsible for numerous road intersections and the majority of the intersections will control the traffic right-of way with STOP signs. For the safety of road users it is important that they observe and obey STOP signs.

According to the Highway Traffic Act R.S.O. 1990 Section 136, motorists are to make a complete stop at a STOP sign.

Poor observance of a STOP sign can be contributed to a variety of factors and when this occurs the intersection must be reviewed and physical and/or sign modifications need to be considered. However, it is essential that all traffic control devices be implemented in a consistent manner to ensure their effectiveness and appropriate road user response.

The purpose of this policy is to identify traffic control devices to be used at County Road intersections and when the devices should be used to ensure conformity and overall safety. A traffic control device is a sign, signal, marking or other device placed upon, over or adjacent to a roadway by a public authority. The device is designed to regulate, warn and guide road users in a consistent manner.

Scope

This procedure is applicable to all Municipal and County Road intersections.

Stop Signs

The size of the STOP sign placed at an intersection of a Municipal and County Road shall conform to Ontario Traffic Manual Book 5 for Regulatory Signs.

If the intersection experiences a high collision rate that is directly attributed to non-observance of the STOP sign the installation of a larger stop sign will be considered.

Stop Ahead Signs

The size and the placement of STOP Ahead signs shall conform to the Ontario Traffic Manual Book 6 for Warning Signs.

If the intersection experiences a high collision rate that is directly attributed to non-observance of the STOP sign the installation of a larger STOP Ahead sign will be considered.

Rumble Strips

Rumble strips are a series of narrow depressions in the asphalt that cause a vibration and noise when they are driven over by a vehicle. Rumble strips are an effective safety measure at locations where drivers need to be alerted to upcoming conditions such as a STOP sign, however, the noise created by rumble strips can be annoying to residence.

The effectiveness of rumble strips is reduced in the winter when snow accumulates in the depressions.

Rumble strips are depressions in the pavement and can create a weakness in the road structure, therefore, are not recommended unless there is at least 70mm of hot mix.

If an intersection is experiencing a high collision rate that is directly attributed to non-conformance of the STOP sign after oversized signs have been installed, rumble strips will be considered only if there is not a residence within 200m of a proposed rumble strip and the pavement thickness is at least 70mm thick.

Red Flashing Beacons

Red Flashing Beacons may be installed over an intersection or mounted directly above a STOP sign if an intersection is experiencing a high collision rate that is directly attributed to non-conformance of the STOP sign after oversized signs have been installed.

Rumble strips will only be considered if there is no residence within 200 m of the intersection and the pavement thickness is at least 70 mm thick. In the event rumble strips cannot be placed at the intersection, Red Flashing Beacons will be considered.