

The Corporation of the City of Kawartha Lakes

Council Report

Report Number ENG2017-024

Date: October 24, 2017
Time: 2:00 p.m.
Place: Council Chambers

Ward Community Identifier: 16

Subject: Request to Establish a Speed Limit – Manvers Scugog Townline Road

Author Name and Title: Joseph Kelly, Senior Engineering Tech

Recommendation(s):

RESOLVED THAT Report ENG2017-024 **Request to Establish a Speed Limit – Manvers Scugog Townline Road** be received;

THAT the speed limit of Manvers Scugog Townline Road from Devitts Road (Scugog Township) to a point 100m north of Mckee Road (Scugog Township) be posted at 60 km/h;

THAT the necessary by-laws for the above recommendations be forwarded to Council for adoption;

THAT the Mayor and Clerk be authorized to execute any documents and agreements required by the approval of this decision.

Department Head:_____

Financial/Legal/HR/Other:_____

Chief Administrative Officer:_____

Background:

Staff received a petition from residents to investigate the feasibility of establishing a speed limit on a portion of Manvers Scugog Townline Road. The petition can be seen in Appendix A.

Residents have also complained that heavy class aggregate transport traffic has recently increased dramatically.

This report addresses those concerns.

According to our 2011 Roads Needs Study, Manvers Scugog Townline Road is a rural, local, hard top road experiencing an estimated annual average daily traffic (AADT) of 293 vehicles. The 1500m subject area is 1200m of built-up area with 16 dwellings on the west side of the road. The east side is primarily large acreage wooded lots with five dwellings. A key map can be seen in Appendix B.

The road is currently unposted for speed.

Rationale:

CKL Engineering follows The Transportation Association of Canada's (TAC) "Guidelines for Establishing Posted Speed Limits" as part of its formal speed reduction warrant process. The TAC guide recommends a road risk method to determine appropriate speed limits according to road engineering characteristics, geometry, roadside environment, classification, land use, access/intersection density, and vulnerable road users. This guide along with good engineering judgment represents a consistent, repeatable, and defensible method of determining speed limits.

When considering the 1500m length of Manvers Scugog Townline Road (between Devitts Road and McKee Road) using the TAC Speed Guidelines the recommended posted speed limit as determined by rural road characteristics is 60 km/h. The completed TAC Speed Guideline can be seen in Appendix C.

Although "built-up" areas by definition under the Highway Traffic Act can have speed limits of 50 km/h, such a speed limit would not be respected without aggressive enforcement due to the large size of the rural lots and farm/woodland surrounding the area.

As a result of the justification review carried out by staff, it is recommended that the speed limit of Manvers Scugog Townline Road from Devitts Road to a point 100m north of McKee Road be posted at 60 km/h by way of an amendment to Schedule "C" (Highways with a Speed Limit of 60 km/h) of By-law 2005-328 (Speed By-law).

Other Alternatives Considered:

Post the section of road at 50 km/h. This is not recommended due to the rural nature of the area.

Financial/Operation Impacts:

Cost of sign installations to bring By-law into effect.

Relationship of Recommendation(s) To The 2016-2019 Strategic Plan:

Providing life safety and protection, while considering rural road use for pedestrians and cyclists enjoyment is a priority objective of the City under the Council Adopted Strategic Plan Goal of An Exceptional Quality of Life.

Consultations:

No Consultations are mentioned

Attachments:

Appendix A – Petition



ENG2017-024 -
Appendix A.pdf

Appendix B – Key Map



ENG2017-024 -
Appendix B.pdf

Appendix C – TAC Speed Form



ENG2017-024 -
Appendix C.pdf

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Department Head: Juan Rojas, Director of Engineering & Corporate Assets

Department File: Engineering