



## Committee of the Whole Report

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**Report Number:** ENG2022-011  
**Meeting Date:** March 8, 2022  
**Title:** Request for Speed Posting – Elm Tree Road  
**Description:** Request for Speed Posting  
**Author and Title:** Joseph Kelly, Senior Engineering Technician

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### Recommendation(s):

Report ENG2022-011 **Request for Speed Posting – Elm Tree Road** be received;

**That** the speed limit of Elm Tree Road from the northern limits of the geographic hamlet of Cambray to Glenarm Road (KL Road 8) be posted at 60 km/hr;

**That** the necessary By-law 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 application/agreement/decision; and

**That** this recommendation be brought forward to Council for consideration at the next Regular Council meeting.

**Department Head:** \_\_\_\_\_

**Financial/Legal/HR/Other:** \_\_\_\_\_

**Chief Administrative Officer:** \_\_\_\_\_

## **Background:**

On September 21, 2021 staff received a petition from the public requesting that the speed limit of Elm Tree Road from 2643 to 2848 be posted at 50 km/hr.

This report addresses that petition (Appendix A).

## **Unposted Roads**

CKL rural, non-arterial roads are typically unposted for speed. Unposted roads are well suited for low volume roads where conflict potential is low. Drivers are expected to drive according to environmental conditions.

Staff recommend posting a speed limit on unposted roads in accordance to guidelines when one of the following criteria is met:

- An area is considered built-up enough for a stretch not less than 1 km
- A volume threshold is reached (conflict potential is lower on roads with lower volumes)
- Change in use present new conflict potential (i.e. pedestrian/cyclist use increases)
- Public demand from road users (when a number of typically responsible users feel unsafe due to an abundance of risky maneuvers)

## **Rationale:**

According to our latest available roads needs study, Elm Tree Road north of Cambray Road to Glenarm Road is a rural collector experiencing an annual average daily traffic (AADT) of approximately 1,000 vehicles. Therefore, expanding the selection limits from the requested 2 km to 8.7 km would be prudent (Appendix B).

An AADT of 1,000 vehicles should meet any meaningful threshold for justification of posting a speed limit. The Transportation Association of Canada's "Guidelines for Establishing Posted Speed Limits" recommends a speed limit of 60 km/hr as appropriate for the road characteristics of this 8.7 km stretch of Elm Tree Road.

**As a result of the justification review carried out by staff, it is recommended that the speed limit of Elm Tree Road from the north limits of the geographic hamlet of Cambray to Glenarm Road be posted at 60 km/hr.**

## **Other Alternatives Considered:**

The road could remain unposted for speed but due to the volumes, it is not recommended.

## **Alignment to Strategic Priorities**

Providing life safety and protection, is a priority objective of the City under the Council Adopted Strategic Plan Goal of An Exceptional Quality of Life.

## **Financial/Operation Impacts:**

Rural 60 km zones require signs every 600m. This would require approximately 30 new sign installations at a cost of approximately \$13,500 through the Public Works operational budget.

## **Consultations:**

## **Attachments:**

Appendix A – Petition



Adobe Acrobat  
Document

Appendix B – Elm Tree Road Key Map



Adobe Acrobat  
Document

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

**Department File:** Engineering