

To: COUNCIL

Meeting Date: 5/13/2025

Subject: **Municipal Speed Camera Site Selection**

Submitted By: Leah Walter, Director of Engineering & Transportation

Prepared By: Shannon Noonan, Manager of Transportation

Report No.: 25-027-CD

File No.: C11

Wards Affected: All Wards

RECOMMENDATION(S):

THAT Report 25-027-CD Municipal Speed Camera Site Selection be received;

AND THAT Council endorse the continued expansion of the Municipal Speed Camera Program in Cambridge to include ten (10) additional locations for Municipal Speed Cameras as outlined in report 25-027-CD.

EXECUTIVE SUMMARY:

Purpose

The purpose of this report is to provide Council with an update on the Municipal Speed Camera (MSC) program in Waterloo Region and to receive Council endorsement for additional MSC locations in Cambridge.

Key Findings

- Municipal Speed Cameras (MSCs) have been used in School Zones in Waterloo Region since 2021 with the program being led by the Region of Waterloo.
- MSCs are currently operating at 2 locations in the City (Guelph Avenue and Elgin Street North).
- MSCs are scheduled to be installed at 4 locations in early 2025 in the City on Myers Road, Holiday Inn Drive, Saginaw Parkway, and Avenue Road.
- The City has been requested to provide the Region of Waterloo with 10 additional MSC site locations.
- The locations have been selected based on the MSC Location Selection Methodology.

- City staff recommend Concession Road, Elgin Street, Rose Street, Saginaw Parkway, Scott Road, Stewart Avenue, Sunset Boulevard, Victoria Avenue, West River Road, and Winston Boulevard as the 10 new MSC sites and that these locations be provided to the Region of Waterloo for implementation.

Financial Implications

- There are no financial implications, all capital and operating costs for the MSC program will be funded by the Region of Waterloo.

STRATEGIC ALIGNMENT:

☐ Strategic Action

Objective(s): Not Applicable

Strategic Action: Not Applicable

OR

☒ Core Service

Program: Transportation Management

Core Service: Traffic Operations

The implementation and delivery of the Municipal Speed Camera program demonstrates a collaborative effort to reduce vehicle speeds within school zones on City and Regional roadways in an efficient manner.

BACKGROUND:

The Region of Waterloo in collaboration with area municipalities has been implementing the Municipal Speed Camera (MSC) Program in School Zones since 2021. The primary objective of MSC is to lower vehicle operating speeds near schools to be more in line with posted speed limits and reduce the risk (and severity) of collisions with the most vulnerable road users. The use of MSC in school zones is also intended to provide a more comfortable walking, rolling and cycling environment at and near schools.

As part of the initial program in 2021, sixteen (16) School Zones within the Region of Waterloo were equipped with MSC, including two (2) locations in Cambridge, namely Guelph Avenue and Elgin Street North.

In 2023, Regional Council endorsed a plan to further expand the MSC program to thirty-two (32) school zones. As a result, an additional 4 locations in Cambridge were supported by Cambridge Council, including Avenue Road, Holiday Inn Drive, Saginaw Parkway and Myers Road. Installation of MSC at these locations have been delayed but are expected to be installed in 2025.

Regional Council has now approved the rapid expansion of MSC to all School Zones by 2028. As part of the expansion of the MSC program to all school zones, the Region has advised that 10 additional locations can be implemented in Cambridge in 2025.

ANALYSIS:

All 50 school sites in Cambridge, including those on Regional roads, have been assessed by City staff using the MSC Location Selection Methodology developed by the Region and area municipalities and endorsed by Regional Council. The selection model is based on various considerations such as speed compliance, presence of sidewalk or shoulder, medians or pedestrian crossovers, number of lanes, pedestrian and cyclist activity, school type, collisions, and roadway volume. A complete list of the top 20 locations, as ranked through the selection model can be found in **Appendix A**.

The top 20 sites were further reviewed to incorporate anecdotal information based on staff's historic understanding of the areas and their unique challenges in developing the 10 priority locations for this year.

The following 10 sites have been selected by City staff and are recommended for implementation:

- Concession Road (Coronation Public School)
- Elgin Street (St. Anne Catholic School)
- Rose Street (Preston Public High School)
- Saginaw Parkway (Saginaw Parkway Public School and St. Teresa Catholic School)
- Scott Road (Silver Heights Public School)
- Stewart Avenue (Stewart Avenue Public School)
- Sunset Boulevard (Blair Road Public School)
- Langs Drive (William G. Davis Public School)
- West River Road (Tait Street Public School)
- Winston Boulevard (Hespeler Public School)

Although these sites are recommended for implementation of MSC, it should be noted that the feasibility of MSC at an individual site relies on clear sightlines for the camera equipment to operate, and it may not be possible to implement MSC at sites with horizontal curves, vertical curves, physical obstructions, or insufficient boulevard space.

As part of the project, staff will work with the Region of Waterloo and MSC vendor to confirm the feasibility of each location.

EXISTING POLICY / BY-LAW(S):

There is no existing policy/by-law.

FINANCIAL IMPACT:

- There are no financial implications with the recommendations of this report.
- All Capital and Operating costs for the MSC program will be funded by the Region of Waterloo.
- It is expected that surplus revenue generated from MSC (over and above all operating and capital costs) will be deposited into a Road User Safety Reserve. The reserve will be used for initiatives meant to improve the safety of all road users in the Region. Discussions between the Region of Waterloo and area municipalities are being held to establish how the funds will be allocated. Further details will be provided to Council as this work progresses.

PUBLIC VALUE:

Collaboration:

Demonstrates the City's continuous approach to creating a safe and efficient transportation network for all road users that encourages safe and healthy neighbourhoods.

ADVISORY COMMITTEE INPUT:

Not Applicable

PUBLIC INPUT:

Posted publicly as part of the report process.

INTERNAL / EXTERNAL CONSULTATION:

There was no internal consultation undertaken.

Throughout the development of the MSC program, Regional staff consulted with area municipal staff and provided updates on this topic through regular meetings of the Regional Traffic Coordinating Committee. The Traffic Coordinating Committee consists of transportation staff from the Region and all area municipalities, as well as a representative from Waterloo Region Police Services.

CONCLUSION:

Based on the information within this report, it is recommended that Council endorse the 10 Municipal Speed Camera site locations for Cambridge and that these locations be provided to the Region of Waterloo for implementation. If a location is deemed not feasible through the implementation process, Council will receive an update which will include a new proposed location.

REPORT IMPACTS:

Agreement: **No**

By-law: **No**

Budget Amendment: **No**

Policy: **No**

APPROVALS:

This report has gone through the appropriate workflow and has been reviewed and or approved by the following as required:

Director

Deputy City Manager

Chief Financial Officer

City Solicitor

City Manager

ATTACHMENTS:

1. 25-027-CD Appendix A – Top Twenty (20) Locations