



## REPORT

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**TO:** Mayor Lawlor and Members of Council

**FROM:** Matt Roj, Traffic Coordinator

**DATE:** February 17, 2023

**REPORT NO.:** TPW-2023-002

**SUBJECT:** 2023 Traffic Engineering Work Plan

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### RECOMMENDATION:

THAT Report No. TPW-2023-002, dated February 17, 2023, regarding the 2023 Traffic Engineering Work Plan, be received;

AND FURTHER THAT the completion of the 2023 Traffic Engineering Work Plan is contingent on the availability of critical labour and financial resources and materials;

AND FURTHER THAT new in-year service requests be prioritized based on safety considerations, community impact and budget implications, and added to the 2023 Traffic Engineering Work Plan where feasible.

### KEY POINTS:

The following are key points for consideration with respect to this report:

- The 2023 Traffic Engineering Work Plan (Work Plan) includes various capital projects, operation and maintenance programs, safety analysis and Transportation Planning reviews.
- The Work Plan includes both carry-over/ongoing projects from 2022 and new projects for 2023.
- Speeding and aggressive driving remain the major traffic concerns identified in the community and measures to address this issue are incorporated within the Work Plan.
- The Automated Speed Enforcement (ASE) Program is a new road safety initiative to reduce speeding and aggressive driving.

- Various Active Transportation projects are identified within the Work Plan to improve our pedestrian and cycling network in accordance with the Active Transportation Master Plan.
- Supply chain disruptions, labour shortages and increased cost of materials and resources are expected to continue in 2023.
- In-year requests for addition to the Work Plan will be prioritized based on safety considerations and the availability of staff and financial resources.

## **BACKGROUND AND DISCUSSION:**

The Traffic Engineering Section of the Transportation and Public Works Department strives to provide a safe, accessible, efficient and connected transportation network to serve the needs of Halton Hills residents.

Traffic Engineering Section maintains infrastructure comprised of 31 traffic control signals, four (4) intersection pedestrian signals, 19 pedestrian crossovers, over 5,000 streetlights, 24 km of bike lanes, 14 permanent electronic traffic calming signs, 19 flashing beacons, pavement markings and various intrusive and non-intrusive traffic calming devices. The infrastructure is operated and maintained through operating programs and capital projects.

The primary responsibilities of Traffic Engineering staff include the implementation of new traffic signs, traffic calming devices, pavement markings, traffic control signals, pedestrian crossovers, lighting infrastructure, and active transportation. In addition, staff are responsible to for By-law updates, traffic counts, railway crossing safety, traffic management and detour plans, collision report analysis, intersection accessibility improvements, parking regulations, heavy truck issues, Road Occupancy Permits, and operational safety and policy reviews. Staff are also responsible to provide transportation related comments for public events and any external agency projects through Halton Region, MTO, Metrolinx or other area municipalities.

Staff are responsible for the School Crossing Guard program, which includes 33 locations, servicing 15 schools with 43 school crossing guards.

In addition, staff are responsible to review all Secondary Plans, development applications and various other Planning files to provide Transportation related comments. Furthermore, staff are required to prepare and provide evidence at Ontario Land Tribunal hearings as necessary.

The Traffic Engineering Work Plan is an annual plan that identifies key activities to be undertaken in the current year including, but not limited to, operation and maintenance of existing programs including traffic infrastructure, capital projects and operational and safety reviews and implementation. The Work Plan identifies the 2022 carry-over projects (Attachment 1) and the new 2023 traffic initiatives (Attachment 2).

Speeding and aggressive driving remain the main traffic concerns received from the public. To respond to these concerns, staff continue to expand the traffic calming program through the addition of flexible bollard installations and neighbourhood traffic calming projects on local and collector roads.

This year's major traffic calming project (implementation) is the installation of traffic calming devices in the Hamlet of Glen Williams as part of the Confederation Street Traffic Calming Project.

In addition, staff will implement 40 km/h speed limit areas within four (4) neighbourhoods as part of the 40 km/h Speed Limit Area Implementation Program (Program update to be provided in a future Council Report in the Spring).

The Automated Speed Enforcement (ASE) Program is a new major initiative intended to reduce speeding and aggressive driving within selected Community Safety Zones (CSZ) in the community. The ASE Program is a provincial program that can be implemented by municipalities on behalf of the Ministry. The implementation of the Program will include the installation of new Community Safety Zones (identified in Report TWP-2022-0022) and execution of the agreements with the Ministry of Transportation of Ontario (MTO), City of Toronto (Joint Process Centre), and Redflex Traffic Systems Limited (Mobile Camera). The Program will require substantial staff resources to collect, analyze and report on speed information, install required regulatory signs before and during the mobile camera deployments, and develop and maintain a website dedicated to the ASE Program.

Public engagement with the community is a critical part of the ASE Program to ensure residents are well informed about the new safety initiative. Staff will develop a website which will identify the details of the program, traffic information collected before, during and after mobile camera deployment, and overall safety benefits to the community.

As part of the 2023 Operating Budget, Council approved a new Traffic Coordinator (Contract) position for a 12-month term. This position will assist in delivering ASE Program and support the core traffic programs as required.

Key challenges in 2023 include inflation and the remaining impacts of the COVID-19 pandemic, which continue to result in supply chain disruptions, labour shortages and increased cost of materials and resources.

Based on workload and available resources, in-year requests for inclusion in the Work Plan will need to be reviewed and prioritized based on safety considerations, available staff and financial resources. Requests that cannot be incorporated into the 2023 Work Plan will then be considered for inclusion in a subsequent year's Work Plan.

### **STRATEGIC PLAN ALIGNMENT:**

This report aligns to the Town's Strategic plan recognizing the value to foster a healthy community that provides a clean environment and range of economic and social opportunities to ensure a superior quality of life in our community.

This report also identifies transportation as one of the Town's Strategic priorities.

**RELATIONSHIP TO CLIMATE CHANGE:**

This report is administrative in nature and does not directly impact or address climate change and the Town's Net Zero target.

**PUBLIC ENGAGEMENT:**

Public Engagement will be undertaken as required, based on the individual projects.

**INTERNAL CONSULTATION:**

This Report was discussed internally within the Transportation and Public Works Department.

**FINANCIAL IMPLICATIONS:**

The carry-over/ongoing projects from 2022 along with the 2023 initiatives and maintenance programs are included within the approved capital and operating budgets.

The 2023 budget includes a Traffic Coordinator contract position to assist with the implementation of the ASE Program.

Reviewed and approved by,

Maureen Van Ravens, Director of Transportation

Bill Andrews, Commissioner of Transportation & Public Works

Chris Mills, Chief Administrative Officer