

Automated Speed Enforcement Program Update

Presented To:	Operations Committee
Meeting Date:	June 19, 2023
Type:	Managers' Reports
Prepared by:	Joe Rocca Infrastructure Capital Planning
Recommended by:	General Manager of Growth and Infrastructure

Report Summary

This report provides a recommendation regarding a prioritized list of locations for the deployment of automated speed enforcement equipment.

Resolution

THAT the City of Greater Sudbury approves the 2023 prioritized ranking for the Automated Speed Enforcement program;

AND THAT the City of Greater Sudbury establishes Community Safety Zones for all locations where Automated Speed Enforcement units are deployed as outlined in the report entitled "Automated Speed Enforcement Program Update", from the General Manager of Growth and Infrastructure, presented at the Operations Committee meeting on June 19, 2023;

AND THAT the City of Greater Sudbury directs staff to prepare a by-law to amend Traffic and Parking By-Law 2010-1 in the City of Greater Sudbury to implement the recommended changes.

Relationship to the Strategic Plan, Health Impact Assessment and Community Energy & Emissions Plan (CEEP)

By lowering the operating speeds of vehicles on roadways and making them more cyclist and pedestrian friendly, the Automated Speed Enforcement program will support the Strategic Plan Goal 6.1 - Advance Population Health and Goal 8 of the Community Energy and Emissions Plan, Achieve 35% active mobility transportation mode share by 2050.

Financial Implications

Recommendations of this report may be carried out within the existing approved operating budget and staffing resources.

Background

As part of the 2023 Budget, the business case for the Automated Speed Enforcement (ASE) program was approved along with direction to “inform Council about the number of cameras to be deployed in the automated speed enforcement rollout based on an assessment of workload implications and process capacity with the expectation that at least two and as many as six cameras will be introduced in 2023.”

Number of Automated Speed Enforcement Units

Staff will be advancing the deployment of six mobile ASE units which will be redeployed on a four month cycle. Based on this number of units and deployment schedule, ASE units will be deployed to 18 areas within the City during a one year period. Staff may adjust the redeployment frequency based on the workload implications as the program progresses.

Prioritized Locations for Automated Speed Enforcement Units

At the June 2022 Operations Committee meeting, a two stage warrant to screen and prioritize locations for ASE was presented and approved. The warrant was applied to approximately 50 segments of road and the locations have been prioritized. The prioritized ranking list is included in Appendix A and is recommended to adopted. As noted in the June 2022 Operations Committee report, staff will bring forward an annual report to update the prioritized list for the deployment of ASE units.

Next Steps

Staff continue to target a September launch for automated speed enforcement and will utilize the prioritized ranking list for the deployment of ASE units. Locations will be reviewed with the ASE vendor to confirm the ability to deploy ASE units. If a location is not suitable for ASE deployment, the next highest priority location will be considered.

In addition, while the highest 18 ranked locations will have ASE units deployed to them over the next year, staff may deploy ASE units to lower ranking locations before higher ranked locations based on how the roadway is utilized during different seasons. For example, ASE may be deployed to a lower ranked road with a school zone during the fall months when there is a higher probability of children walking and cycling to school as opposed to the summer months when schools are closed. Further, in order to implement ASE, Community Safety Zones need to be established at each location where ASE units will be deployed. It is recommended that the Traffic and Parking By-Law 2010-1 be updated to include the locations where ASE will be deployed.

Resources Cited

City of Greater Sudbury, Automated Speed Enforcement Program Update, December 2021

Accessed online: <https://pub-greatersudbury.escribemeetings.com/filestream.ashx?DocumentId=42616>

City of Greater Sudbury, Automated Speed Enforcement Program Update, June 2022

Accessed online: <https://pub-greatersudbury.escribemeetings.com/filestream.ashx?DocumentId=46620>