



The Corporation of the Town of Milton

Report To:	Council
From:	Jill Hogan, Commissioner, Development Services
Date:	April 11, 2022
Report No:	DS-022-22
Subject:	Implementation of All-Way Stop - McLaughlin Avenue and Asleton Boulevard

Recommendation: **THAT** a By-law be enacted to amend the Uniform Traffic Control By-law 1984-1, as amended, to implement an all-way stop at the intersection of McLaughlin Avenue and Asleton Boulevard; (Appendix I)

AND THAT Schedule 12 and Schedule 13 of the Uniform Traffic Control By-law 1984-1 be amended accordingly attached as (Appendix II);

AND FURTHER THAT the appropriate by-law be presented to Council for approval.

REPORT

Background

As a result of staff receiving several inquiries requesting the implementation of an all-way stop at the intersection of McLaughlin Avenue and Asleton Boulevard, turning movement counts were conducted.

Residents surrounding the intersection of McLaughlin Avenue and Asleton Boulevard informed Traffic Engineering staff of personal property (parked vehicles on the boulevard) getting hit by cars turning from Asleton Boulevard onto McLaughlin Avenue. This has occurred four times within the last year, although these were not reported to Halton Regional Police.



Discussion

McLaughlin Avenue and Asleton Boulevard All-Way Stop Justification

The intersection of McLaughlin Avenue and Asleton Boulevard is a three-legged intersection within an urban area. McLaughlin Avenue is a collector roadway running east/west between Asleton Boulevard and Santa Maria Boulevard with a posted speed limit of 50 km/h. Asleton Boulevard is also a collector roadway running north/south between Leiterman Drive and Transom Crescent/ Megson Terrace, with a posted speed limit of 50 km/h.

As a result of resident requests, the intersection of McLaughlin Avenue and Asleton Boulevard has been monitored since 2018 and the results were as follows:

Table with 3 columns: Count Date, Part 'A' Volume from all Approaches, Part 'B' Minor Street Volume Split. Rows include dates April 26, 2018; June 11, 2019; and February 15, 2022.

The warrants consider the overall volume of traffic entering the intersection during the peak traffic times, as well as the volume of traffic and pedestrians generated from the side street. In order for an all-way stop to be warranted by volume, both Parts "A" and "B" must equal 100%. Since both Part "A" and Part "B" of the most recent count equals 100%, this location is warranted for the installation of an all-way stop.

Willmott Neighbourhood Park is located just south of McLaughlin Avenue and Asleton Boulevard. Installing an all-way stop will provide a protected crossing for pedestrians and will regulate the right-of-way at the intersection.

A three-year collision analysis has been completed and it has been determined that there have been no reported collisions at this intersection.

As a result of both Part "A" and Part "B" of the warrant being fulfilled at the intersection of McLaughlin Avenue and Asleton Boulevard, staff recommends the installation of an all-way stop.

Financial Impact

The cost to install the appropriate signage and pavement markings is approximately \$600.00 and is provided for within the 2022 Operating Budget.

Respectfully submitted,

Jill Hogan
Commissioner, Development Services



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For questions, please contact: Heide Schlegl, CET, MITE, Phone: Ext.
Dipl. M.M., Manager, Traffic 2506/2531
Jessica Van Ravens
Traffic Technician

Attachments

Appendix I - McLaughlin Avenue and Asleton Boulevard Map Location
Appendix II - Schedule 12 and 13 By-law Amendment

CAO Approval
Andrew M. Siltala
Chief Administrative Officer

Recognition of Traditional Lands

The Town of Milton resides on the Treaty Lands and Territory of the Mississaugas of the Credit First Nation. We also recognize the traditional territory of the Huron-Wendat and Haudenosaunee people. The Town of Milton shares this land and the responsibility for the water, food and resources. We stand as allies with the First Nations as stewards of these lands.

**Schedule 12
 Through Highways - Stop
 To Be Deleted**

Column 1 Highway(s)	Column 2 Location From	Column 3 Location To
Asleton Boulevard	East Limit of Transom Crescent	East limit of roadway

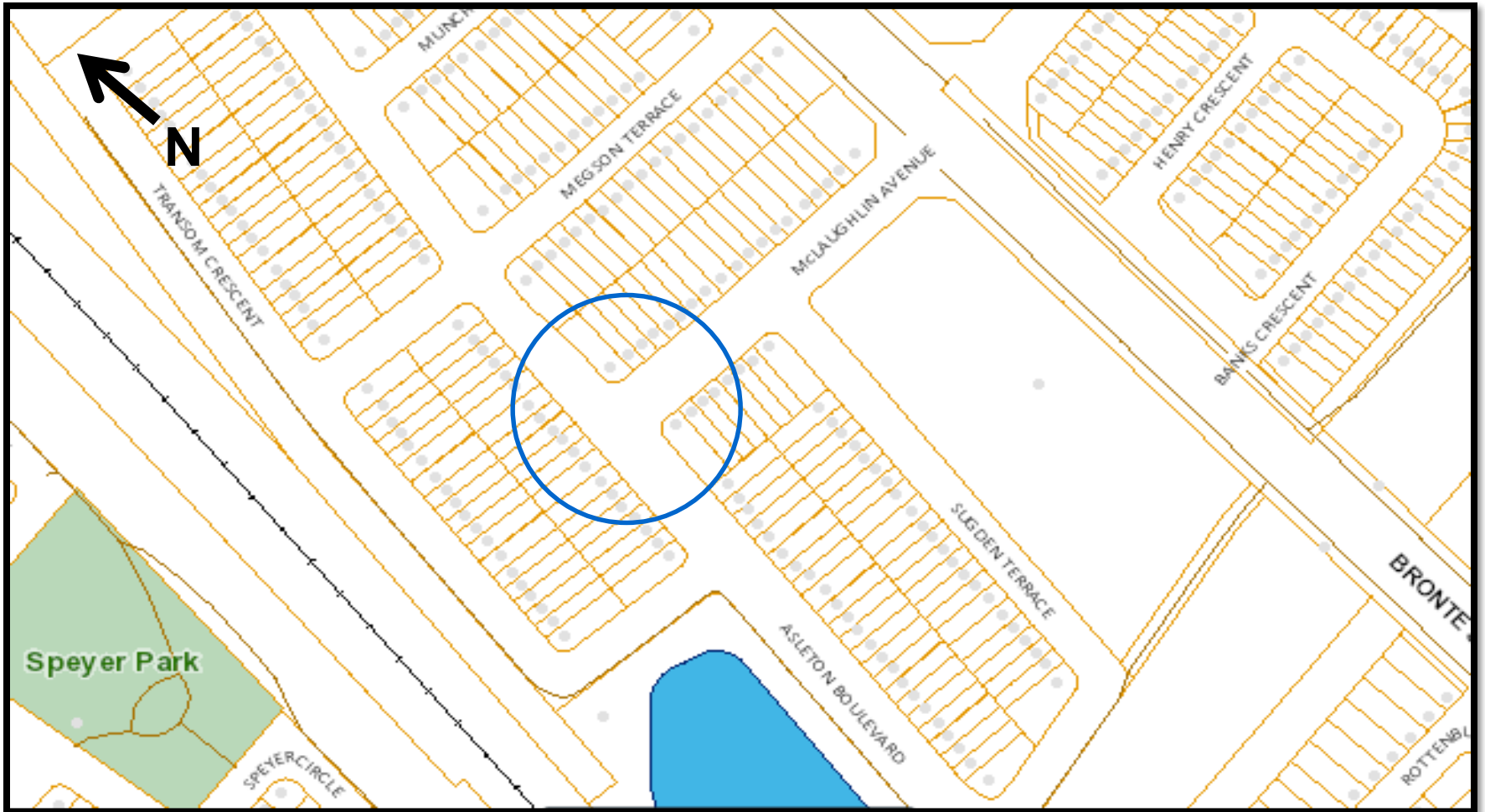
**Schedule 12
 Through Highways – Stop
 To Be Added**

Column 1 Highway(s)	Column 2 Location From	Column 3 Location To
Asleton Boulevard	South limit of Transom Crescent/ Megson Terrace	North limit of McLaughlin Avenue
Asleton Boulevard	South limit of McLaughlin Avenue	North limit of Louis St Laurent

**Schedule 13
 Intersection - Stop Signs
 To Be Added**

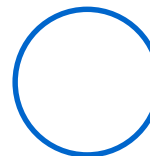
Column 1 Highway(s)	Column 2 Direction of Travel	Column 3 Stop On
McLaughlin Avenue and Asleton Boulevard	Northbound	Asleton Boulevard
	Southbound	Asleton Boulevard
	Westbound	McLaughlin Avenue

McLaughlin Avenue and Asleton Boulevard – All-Way Stop



LEGEND

Proposed All-Way Stop



Appendix I