



# The Corporation of the Town of Milton

Report To:	Council
From:	M. Paul Cripps, P.Eng., Commissioner, Engineering Services
Date:	October 7, 2019
Report No:	ENG-031-19
Subject:	Implementation of All- Way Stop - Etheridge Avenue and Leger Way
Recommendation:	<p><b>THAT a by-law be enacted to amend By-law 1984-1, as amended, to implement an all-way stop at the intersection of Etheridge Avenue and Leger Way (see Appendix I);</b></p> <p><b>AND THAT Schedule 12 and Schedule 13 of the Uniform Traffic Control By-law be amended accordingly (see Appendix II);</b></p> <p><b>AND FURTHER THAT the appropriate by laws be presented to Council for approval.</b></p>

## REPORT

### Background

The Engineering Services department has received several requests to install an all-way stop at the intersection of Etheridge Avenue and Leger Way over the past few months. Residents have expressed safety concerns with the amount of traffic and pedestrians at this intersection.

### Discussion

The intersection of Etheridge Avenue and Leger Way is a four-legged intersection within an urban area. Etheridge Avenue is a collector roadway running east/west between Bronte Street South and Regional Road 25 and is designated as a through highway with a posted speed limit of 50 km/h. Leger Way is a collector roadway running north/south between Britannia Road and Leiterman Drive, with a posted speed limit of 50 km/h. Along the frontage of Viola Desmond Elementary School, the speed limit is reduced to 40 km/h when flashing during school entrance and dismissal times.

A manual turning movement count was completed at the intersection of Etheridge Avenue and Leger Way during the a.m. and p.m. peak periods to determine if an all-way stop is warranted. The results are as follows:



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**All-Way Stop Warrant – Etheridge Avenue and Leger Way**  
**Count Date: September 18, 2019**

Part “A” Volume from all approaches	100%
Part “B” Minor Street Volume Split	100%

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.

Viola Desmond Elementary School is located on the west side of Leger Way north of Etheridge Avenue. There is a high number of school aged pedestrians crossing this intersection. The installation of an all-way stop will provide a protected crossing for the students and will regulate the right-of-way for motorists.

As a result of the warrants being fulfilled at the intersection of Etheridge Avenue and Leger Way, the Engineering Services department recommends the installation of all-way stop.

**Financial Impact**

As this intersection is located within an unassumed subdivision, there is no financial impact associated with this report. The installation of the all-way stop (signs and pavement markings) will be completed by the developer.

Respectfully submitted,

M. Paul Cripps, P. Eng.  
 Commissioner, Engineering Services

For questions, please contact:	Josh van Ravens Jr. Traffic Technician	905-878-7252 x 2531
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**Attachments**

- Appendix I - Location Map
- Appendix II - Schedule 12 and 13 By-law Amendment

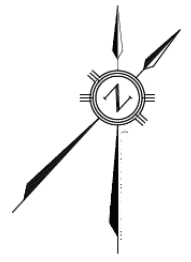
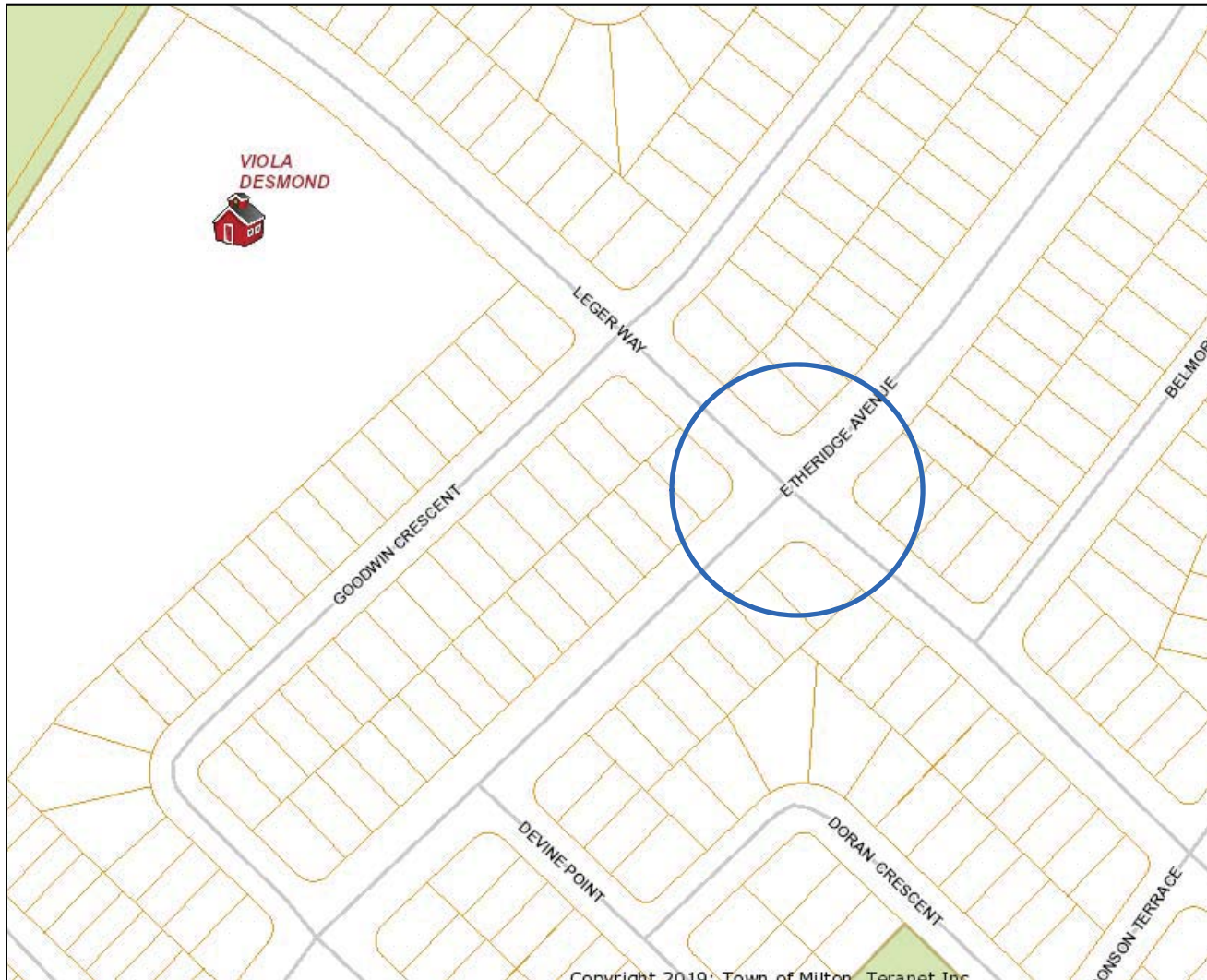


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CAO Approval  
Andrew M. Siltala  
Acting Chief Administrative Officer

# Leger Way and Etheridge Avenue proposed all-way stop

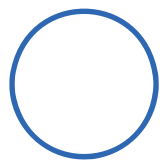


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## LEGEND

Proposed All-Way Stop



## Appendix I

ENG-031-19

## Appendix II

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

Column 1 Highway(s)	Column 2 Location From	Column 3 Location To
Etheridge Avenue	West limit of Roadway	West limit of Farmstead Drive

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

Column 1 Highway(s)	Column 2 Location From	Column 3 Location To
Etheridge Avenue	East limit of Bronte Street South	West limit of Leger Way
Etheridge Avenue	East limit of Leger Way	West limit of Farmstead Drive

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

Column 1 Highway(s)	Column 2 Direction of Travel	Column 3 Stop On
Etheridge Avenue and Leger Way	Northbound	Leger Way
	Southbound	Leger Way
	Eastbound	Etheridge Avenue
	Westbound	Etheridge Avenue