



The Corporation of the Town of Milton

Report To:	Council
From:	Barbara Koopmans, Commissioner, Development Services
Date:	November 16, 2020
Report No:	DS-048-20
Subject:	No. 5 Side Road & Boston Church/Third Line Implementation of All-Way Stop
Recommendation:	<p>THAT a by-law be enacted to amend By-law 1984-1, as amended, to implement an all-way stop at the intersection of No. 5 Side Road and Boston Church Road/Third Line;</p> <p>THAT Schedules 12 and 13 of the Uniform Traffic Control By-law be amended accordingly (See Appendix I);</p> <p>AND THAT the appropriate by-laws be presented to Council for approval.</p>

REPORT

Background

The Development Services Department has received requests from residents to implement and install an all-way stop at the intersection of No. 5 Side Road and Boston Church Road/Third Line. Residents have expressed safety concerns with the amount of vehicle traffic on No. 5 Side Road from both passenger vehicles and heavy trucks, making it hard to make turning movements from the north or south streets.

Discussion

The intersection of No. 5 Side Road and Boston Church/Third Line is a two-lane rural cross section. No. 5 Side Road is a through road and runs east/west and is a shared boundary road with the Town of Halton Hills. Boston Church Road is a posted 70 km/h roadway and under the jurisdiction of the Town of Milton. Third Line is a posted 60 km/h roadway and under the jurisdiction of the Town of Halton Hills. No. 5 Side Road is a posted 60 km/h roadway and heavy trucks are permitted on this road between 7:00 am - 7:00 pm between Regional Road 25 and Esquesing Line.

The Development Services Department completed a manual turning movement count at the intersection of No. 5 Side Road and Boston Church Road/Third Line during the am



The Corporation of the Town of Milton

and pm peak periods to determine if an all-way stop was warranted based on traffic volumes.

Following are the results of the manual turning movement counts:

All-Way Stop Warrant - No. 5 Side Road and Boston Church Road/Third Line Count Date: October 8, 2020

Part "A" Volume from all approaches 68%
Part "B" Minor Street Volume 100%

In order for an all-way stop to be warranted, both Parts "A" and "B" must equal 100% or when a collision analysis is run there must be a minimum of 3 collisions per year over a 3 year period. Since both Parts "A" and "B" do not equal 100%, an all-way stop is not warranted based on volumes. However, this intersection is warranted for an all-way stop based on the last 3 year collision history.

A collision analysis was completed, which revealed that there have been 17 collisions at this intersection in the past 3 years with 13 being angle collisions. A stop sign control is warranted when there are more than 3 collisions per year over a 3 year period which would be susceptible to correction by the installation of an all-way stop.

As a result of the last 3 year collision history at the intersection of No. 5 Side Road and Boston Church Road/Third Line, the Town of Halton Hills and the Development Services Department recommends the installation of an all-way stop.

Financial Impact

No. 5 Side Road and Boston Church/Third Line is a shared intersection between the Town of Milton and the Town of Halton Hills. The cost to install the all-way stop is approximately \$800.00, which will be split 50/50 between the Town of Milton and the Town of Halton Hills. The Milton portion can be accommodated within the 2020 approved operating budget.

Respectfully submitted,

Barbara Koopmans, MPA, MCIP, RPP, CMO
Commissioner, Development Services

For questions, please contact: Josh van Ravens,
Traffic Technician

Phone: 905-878-
7252 x2531

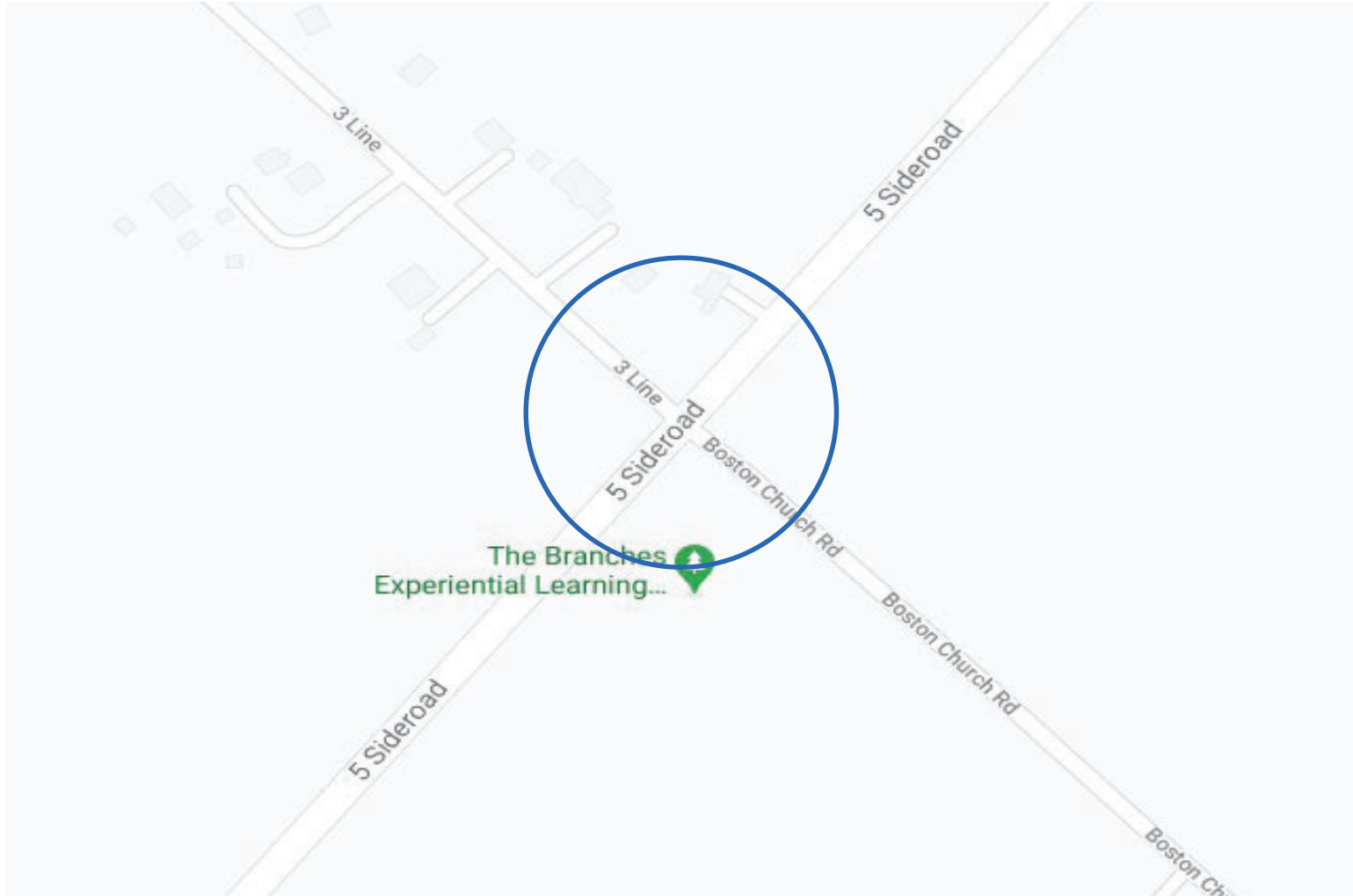


The Corporation of the Town of Milton

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

CAO Approval
Andrew M. Siltala
Chief Administrative Officer

5 Side Road and Boston Church/ Third Line All-Way Stop

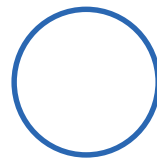


4 of 5



LEGEND

Proposed All-Way Stop



Appendix I

Appendix II

Schedule 12 Through Highways - Stop To Be Deleted

Column 1 Highway(s)	Column 2 Location From	Column 3 Location To
5 Side Road	east limit of Regional Road 25	west limit of Esquesing Line

Schedule 12 Through Highways – Stop To Be Added

Column 1 Highway(s)	Column 2 Location From	Column 3 Location To
5 Side Road	east limit of Regional Road 25	west limit of Boston Church Road
5 Side Road	east limit of Boston Church Road	west limit of Esquesing Line

Schedule 13 Intersection - Stop Signs To Be Added

Column 1 Highway(s)	Column 2 Direction of Travel	Column 3 Stop On
5 Side Road and Boston Church Road/ Third Line	Northbound	Boston Church Road
	Southbound	Third Line
	Eastbound	5 Side Road
	Westbound	5 Side Road