



The Corporation of the Town of Milton

Report To:	Council
From:	M. Paul Cripps, P. Eng., Commissioner, Engineering Services
Date:	November 18, 2019
Report No:	ENG-036-19
Subject:	Childs Drive and Coxe Boulevard - 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 Childs Drive and Coxe Boulevard (see Appendix I);</p> <p>AND THAT Schedule 12 and Schedule 13 of the Uniform Traffic Control By-law be amended accordingly (see Appendix II);</p> <p>AND FURTHER THAT the appropriate by laws be presented to Council for approval.</p>

REPORT

Background

The Engineering Services department has received several requests to install an all-way stop at the intersection of Childs Drive and Coxe Boulevard over the past few years. Residents have expressed safety concerns with the amount of traffic and pedestrians at this intersection.

Discussion

The intersection of Childs Drive and Coxe Boulevard is a three-legged intersection within an urban area. Childs Drive is a collector roadway running east/west between Ontario Street and Thompson Road and is designated as a through highway with a posted speed limit of 50 km/h. Coxe Boulevard is a collector roadway running north/south between Childs Drive and Laurier Avenue, with a posted speed limit of 50 km/h. Along the frontage of EW Foster Public School, located at 320 Coxe Boulevard, the speed limit is reduced to 40 km/h when flashing during school entrance, nutritional break and dismissal times.

As a result of resident requests, the intersection of Childs Drive and Coxe Boulevard has been monitored over the past several years and the results are as follows:



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Count Date	Part "A"	Part "B"
February 17, 2012	100 %	82 %
February 21, 2013	100 %	86 %
October 22, 2019	100 %	100 %

The warrants consider the overall volume of traffic entering the intersection during the peak traffic times as well as the ratio of main street to minor street traffic and pedestrian volumes. 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 warrant have met 100% an all-way stop is warranted.

A review of the three-year collision history at this intersection has been completed and there have been four reportable collisions. One collision was reported in 2017, two collisions in 2018 and one collision in 2019.

As a result of the warrants being fulfilled at the intersection of Childs Drive and Coxe Boulevard, the Engineering Services department recommends the installation of an all-way stop.

Financial Impact

The cost to install the all-way stop is approximately \$800.00 and can be accommodated within the 2019 approved budget for the Infrastructure Division.

Respectfully submitted,

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

For questions, please contact: Josh van Ravens

905-878-7252 x2531

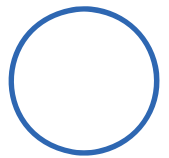
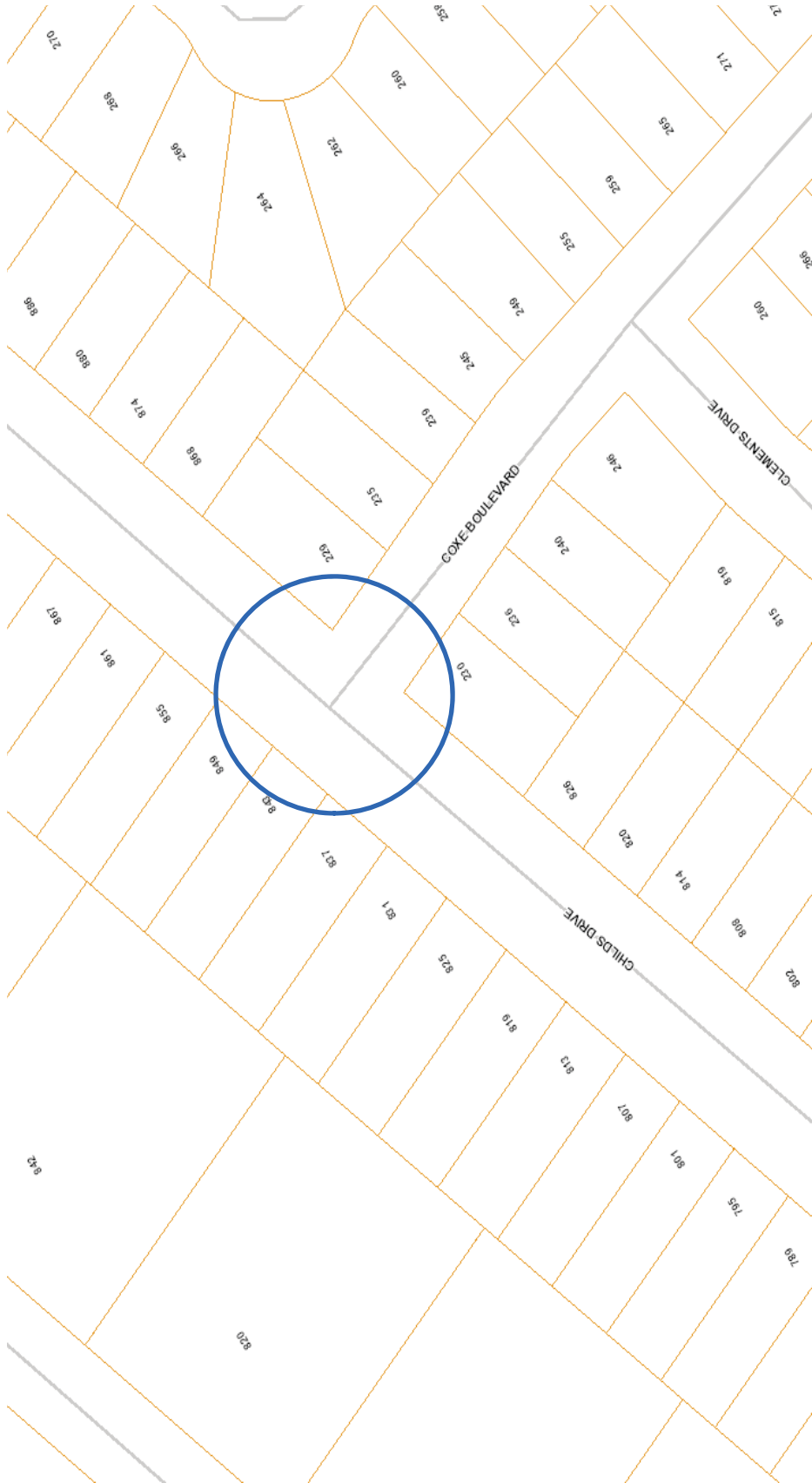
Attachments

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

CAO Approval
Andrew M. Siltala
Acting Chief Administrative Officer



Childs Drive and Coxie Boulevard All-Way Stop



LEGEND

Proposed All-Way Stop



Appendix II

Schedule 12 Through Highways - Stop To Be Deleted

Column 1 Highway(s)	Column 2 Location From	Column 3 Location To
Childs Drive	east limit of Ontario Street South	west limit of Thompson Road South

Schedule 12 Through Highways – Stop To Be Added

Column 1 Highway(s)	Column 2 Location From	Column 3 Location To
Childs Drive	east limit of Ontario Street South	west limit of Coxe Boulevard
Childs Drive	east limit of Coxe Boulevard	west limit of Thompson Road South

Schedule 13 Intersection - Stop Signs To Be Added

Column 1 Highway(s)	Column 2 Direction of Travel	Column 3 Stop On
Childs Drive and Coxe Boulevard	Northbound	Coxe Boulevard
	Eastbound	Childs Drive
	Westbound	Childs Drive