



Staff Report

If this information is required in an alternate accessible format, please contact the Accessibility Coordinator at 905-623-3379 ext. 2131.

Report To:	General Government Committee	
Date of Meeting:	May 9, 2022	Report Number: PWD-014-22
Submitted By:	Stephen Brake, Director of Public Works	
Reviewed By:	Mary-Anne Dempster, CAO	Resolution#:
File Number:		By-law Number:
Report Subject:	Proposed Amendment to Traffic By-law 2014-059	

Recommendations:

1. That Report PWD-014-22 and any related delegations or communication items, be received;
2. That the By-law, amending specific schedules of the Traffic By-law, attached to Report PWD-014-22, as Attachment 1, be approved; and
3. That all interested parties listed in Report PWD-014-22 and any delegations be advised of Council's decision.

Report Overview

The purpose of this report is to amend the Traffic and Parking By-law 2014-051. The recommended amendment will allow for the installation of a new All Way STOP condition at Trulls Road and Strathallan Drive/Avondale Drive to help improve safety and right-of-way control at this intersection.

1. Background

- 1.1 The Traffic and Parking [By-law 2014-059](#) serves to compliment the Ontario Highway Traffic Act and provides a set of rules to help control traffic and parking in Clarington. As a legislative requirement, STOP and other select signs must be included in the by-law in order to be enforceable. Staff continuously monitor local traffic situations and are recommending a new All Way STOP intersection to be installed in Courtice.

2. Recommended All Way STOP intersection

Trulls Road at Strathallan Drive/Avondale Drive

- 2.1 The recent property development at the southeast corner of Highway 2 and Trulls Road in Courtice includes FreschCo, Shoppers Drug Mart, Dollarama, Starbucks, Mary Browns as confirmed tenants to date. The site is still under development and will result in additional trip generators. Currently, the only egress to the west is via the newly built Avondale Drive section onto Trulls Road. In the future, Avondale Drive will extend and connect with the existing section of Avondale Drive to the east, and will provide access to Highway 2 via a new street and a traffic signal at a midpoint between Trulls Road and Courtice Road. However, the timing of this addition is unknown. Since opening of the plaza, staff have received several requests for traffic control at Trulls Road and Avondale Drive to aid vehicles and pedestrians in accessing and exiting the plaza.
- 2.2 Staff have conducted several traffic studies in 2021 targeting weekdays and a weekend, and have applied the vehicular and pedestrian traffic data to the Clarington's All Way STOP Warrant. The following was found:
 - Data collected Wednesday, September 29, 2021
 - Total required traffic volume warranted at 269%
 - Minor Street entering volume warranted at 194%
 - Traffic split at 24% (required minimum is 25%)

- Data collected Saturday, October 2, 2021
 - Total required traffic volume warranted at 248%
 - Minor Street entering volume warranted at 181%
 - Traffic split at 24% (required minimum is 25%)

Based on the above results, and with the anticipated near future growth, staff recommend an All Way STOP at this intersection.

3. Concurrence

This report has been reviewed by the Director of Legislative Services who concurs with the recommendations.

4. Conclusion

It is respectfully recommended that the above All Way STOP at Trulls Road and Avondale Drive be approved so the Traffic and Parking By-law 2014-051 can be updated.

Staff Contact: Slav Potrykus, Traffic Engineering Supervisor, 905-623-3379 extension 2315 or spotrykus@clarington.net.

Attachments:

Attachment 1 – By-law to Report PWD-014-22

Interested Parties:

There are no interested parties to be notified of Council's decision.