

## **All-Way Stop Control Review - Innismore Crescent and Inniswood Drive/Innisdale Drive**

**Date:** January 14, 2020

**To:** Scarborough Community Council

**From:** Acting Director, Traffic Management, Transportation Services

**Wards:** Ward 21 – Scarborough Centre

### **SUMMARY**

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This staff report is about a matter that Community Council has delegated authority from City Council to make a final decision.

This report recommends that Community Council not authorize the installation of all-way stop control at the intersection of Innismore Crescent and Inniswood Drive/Innisdale Drive as the existing conditions do not meet the warrant for the installation of such a traffic control device. This intersection currently has a stop control for the north and southbound movement on Inniswood Drive/Innisdale Drive at Innismore Crescent.

### **RECOMMENDATIONS**

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The Acting Director, Traffic Management, Transportation Services recommends that:

1. Scarborough Community Council not authorize all-way compulsory stop control at the intersection of Innismore Crescent and Inniswood Drive/Innisdale Drive.

### **FINANCIAL IMPACT**

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There is no financial impact associated with the staff recommendation.

### **DECISION HISTORY**

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This report addresses a new initiative.

## COMMENTS

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In response to a request from the Ward Councillor and local residents, Transportation Services staff reviewed the feasibility of installing all-way stop control at the intersection of Innismore Crescent and Inniswood Drive/Innisdale Drive.

### Existing Conditions

The following key characteristics describe this location:

- This intersection is located within the community south of Lawrence Avenue East, east of Pharmacy Avenue, west of Victoria Park Avenue and north of Eglinton Avenue East.
- Innismore Crescent is classified as a local road and has a regulatory speed limit of 50 km/h (not posted), and a 24-hour vehicle volume of 470 vehicle per day (vpd).
- There are no sidewalks on Innismore Crescent and Innisdale Drive. A sidewalk is located on the west side of Inniswood Drive only.
- The land use in this neighbourhood consists mainly of single family residential dwellings.

### Analysis

An All-Way Stop Control Warrant Study conducted on Wednesday, December 12, 2018 at the intersection of Innismore Crescent and Inniswood Drive/Innisdale Drive during the two hours of the morning and afternoon peak hours of a typical week day, produced the following results:

All-Way Stop Control Warrant	A Total Approach Vehicle Volume	B Vehicle/Pedestrian Volume Crossing Major Road	C Unit Volume Split* Major/Minor Roads
Two-Hour Study Period Hourly Average	118	59	57/43
Warrant Requirements For Study Period Average For Local Roads	≥ 250	≥ 100	≥ 30/70 or ≤ 70/30

\* "Unit Volume Split": Major Road Volume – Vehicles only.  
Minor Road Volume – Vehicles plus pedestrians crossing the major road.

This study has been evaluated using the updated warrant calculations as adopted by City Council on July 16, 17 and 18, 2019 in the Vision Zero 2.0 Road Safety Plan (Item IE6.8). The results of our study indicated that the technical warrants for the installation of an all-way stop control are not met.

For all-way stop control to be numerically justified, the traffic volume requirements for the "Study Period Average" must be completely satisfied in Categories A and C, or Categories B and C.

As outlined in the above table, the traffic volumes do not meet the requirements to install all-way stop control at the subject intersection at this time.

### **Collision History**

A review of the Toronto Police Service collision records available for a five-year period from January 1, 2014 to December 31, 2018 revealed that there have been no potentially preventable collisions reported at this intersection.

### **Alternate Recommendations**

If, despite the findings above, the Scarborough Community Council determines that all-way stop control should be installed, it may approve the following as to form:

"It is recommended that:

1. Scarborough Community Council authorize all-way compulsory stop control at the intersection of Innismore Crescent and Inniswood Drive/Innisdale Drive."

The estimated cost of installing all-way stop signs, corner restrictions and pavement and any required civil works (ramps and walkways) to accommodate accessible pedestrian crossings is approximately \$10,000., funding for which is available in the Transportation Services Division's 2020 Interim Operating Budget.

## **CONTACT**

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## **SIGNATURE**

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## **ATTACHMENTS**

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1. Attachment 1: Location Plan (All-Way Stop Control Review - Innismore Crescent and Inniswood Drive/Innisdale Drive).

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