



## REPORT FOR ACTION

### All-Way Stop Control Review - Havendale Road and Scotland Road/Roker Crescent

**Date:** October 9, 2019  
**To:** Scarborough Community Council  
**From:** Acting Director, Traffic Management, Transportation Services  
**Wards:** Ward 22 – Scarborough-Agincourt

#### SUMMARY

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

This report recommends that the Community Council not authorize the installation of an all-way stop control at the intersection of Havendale Road and Scotland Road/Roker Crescent 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 northbound movement on Roker Crescent and the southbound movement on Scotland Road at Havendale Road.

#### 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 Havendale Road and Scotland Road/Roker Crescent.

#### FINANCIAL IMPACT

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There would be 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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Further 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 Havendale Road and Scotland Road/Roker Crescent.

### Existing Conditions

The following key characteristics describe this location:

- This intersection is located within the community south of Huntingwood Drive, east of Kennedy Road, west of Midland Avenue and north of Sheppard Avenue East.
- Havendale Road is classified as a collector roadway, has a statutory, unposted speed limit of 50 km/h and a 24-hour vehicle volume of 2,239 vehicle per day (vpd).
- Scotland Road and Roker Crescent are both classified as local roadways and have statutory, unposted speed limits of 50 km/h.
- Sidewalks are located on the south side of Havendale Road and on both sides of Scotland Road and Roker Crescent.
- The land use in this neighbourhood consists mainly of single family residential dwellings.
- Traffic control signals are located approximately 100 metres to the east at Midland Avenue and Havendale Road, and approximately 700 metres to the west at Kennedy Road and Havendale Road.

### Analysis

An All-Way Stop Control Warrant Study conducted on Wednesday, November 7, 2018 at the intersection of Havendale Road and Scotland Road/Roker Crescent during the four hours of the morning and afternoon peak hours of a typical week day, produced the following results:

| All-Way Stop Control Warrant                                      | A<br>Total Approach Vehicle Volume | B<br>Vehicle/*Pedestrian Volume Crossing Major Road | C<br>Unit Volume Split**<br>Major/Minor Roads |
|-------------------------------------------------------------------|------------------------------------|-----------------------------------------------------|-----------------------------------------------|
| Four-Hour Study Period Hourly Average                             | 206                                | 41                                                  | 81/19                                         |
| Warrant Requirements For Study Period Average For Collector Roads | ≥ 375                              | ≥ 150                                               | ≥ 30/70 or<br>≤ 70/30                         |

\*New Pedestrian Warrant numbers used as adopted by City Council on July 16, 2019 in the Vision Zero 2.0 report.

\*\*“Unit Volume Split”: Major Road Volume includes Vehicles only, Minor Road Volume includes Vehicles plus pedestrians crossing the major road.

For an 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 an all-way stop control at the subject intersection at this time.

### **Collision History**

A review of the Toronto Police Services collision records available for a three year period from January 1, 2016 to December 31, 2018 revealed that there was one preventable collision and no collisions involving pedestrians reported at this intersection.

### **Alternate Recommendations**

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

1. Scarborough Community Council authorize all-way compulsory stop control at the intersection of Havendale Road and Scotland Road/Roker Crescent.

The cost of installing the signs, pavement markings and any required civil works (ramps and walkways) to accommodate accessible pedestrian crossings is approximately \$10,000. The funding is currently available in the Transportation Services Division's 2019 Operating and Capital Budgets. This installation is subject to availability of funding and competing priorities.

## **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 - Havendale Road and Scotland Road/Roker Crescent)

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