

**All-Way Stop Control Review –  
Scarborough Heights Boulevard and Ayre Point Road**

<b>Date:</b>	May 25, 2016
<b>To:</b>	Scarborough Community Council
<b>From:</b>	Director, Transportation Services, Scarborough District
<b>Wards:</b>	Ward 36 – Scarborough Southwest
<b>Reference Number:</b>	P:\2016\Cluster B\TRA\Scarborough\sc1641.docx D15-6918831 AWSC – Scarborough Heights Blvd. and Ayre Point Rd.

**SUMMARY**

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

This report recommends that an all-way stop control not be installed at the intersection of Scarborough Heights Boulevard and Ayre Point Road as the existing conditions do not meet the warrant for the installation of such a traffic control device.

**RECOMMENDATIONS**

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**Transportation Services recommends that Scarborough Community Council:**

1. Not authorize all-way compulsory stop control at the intersection of Scarborough Heights Boulevard and Ayre Point Road.

**Financial Impact**

There would be no financial impact associated with the staff recommendation. However, if an all-way stop control were to be approved, then the financial cost of installing the two additional stop signs and associated pavement markings would be approximately \$500.00. The funding for such stop signs and pavement markings would be available in the Transportation Services 2016 Operating Budget, within Cost Centre TP0397.

## ISSUE BACKGROUND

Further to a request from residents in the form of a petition that was sent to Councillor Gary Crawford, Transportation Services staff reviewed the feasibility of installing an all-way stop control at the intersection of Scarborough Heights Boulevard and Ayre Point Road.

## COMMENTS

The following characteristics describe the intersection of Scarborough Heights Boulevard and Ayre Point Road:

- This intersection is located within a community south of Kingston Road, east of McCowan Road/Cathedral Bluffs Drive, west of Bellamy Road South.
- Scarborough Heights Boulevard is a two-lane local road with a posted speed limit of 40 kilometres per hour and an estimated daily traffic volume of approximately 1,400 vehicles per day.
- Ayre Point Road is a two-lane local road that intersects Scarborough Heights Boulevard with an unsigned default speed limit of 50 kilometres per hour.
- There are no sidewalks on either roadway.
- The land use in this neighbourhood is single family residential.

## All-Way Stop Control Warrant Study

A traffic study conducted at the intersection of Scarborough Heights Boulevard and Ayre Point Road during the morning and afternoon peak hours of a typical weekday (Thursday, October 22, 2015), 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	124	46	65/35
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.

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. Therefore, the installation is not recommended, however, should it be warranted in the future, this would be a suitable location.

A review of the collision records revealed that there have been no preventable collisions reported at this intersection during the five-year period ending December 31, 2014.

## **CONTACT**

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## **SIGNATURE**

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John Mende, P.Eng.  
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## **ATTACHMENTS**

1. Location Plan (All-Way Stop Control Review – Scarborough Heights Boulevard and Ayre Point Road)