



# STAFF REPORT ACTION REQUIRED

## Speed Limit – Aveline Crescent

<b>Date:</b>	May 28, 2015
<b>To:</b>	Scarborough Community Council
<b>From:</b>	Director, Transportation Services, Scarborough District
<b>Wards:</b>	Ward 38 – Scarborough Centre
<b>Reference Number:</b>	P:\2015 \Cluster B\TRA\Scarborough\sc1557.docx D14-6117222 Aveline Crescent Speed Limit

### SUMMARY

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

This staff report concerns the feasibility of installing a 40 km/h speed zone along Aveline Crescent. A 40 km/h speed limit is technically justified for safety reasons due to the narrow pavement width, the curved alignment, and the proximity of a school (North Bendale Junior Public School).

### RECOMMENDATIONS

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

1. Reduce the speed limit from 50 km/h to 40 km/h on Aveline Crescent from Lynnbrook Drive (north intersection) to Lynnbrook Drive (south intersection).

#### Financial Impact

The cost of installing the speed limit signage is approximately \$1,500.00. Funding is available in the Transportation Services 2015 Operating Budget, within Cost Centre TP0397.

#### ISSUE BACKGROUND

As a result of a public request through 3-1-1, Transportation Services staff reviewed the conditions and operations of Aveline Crescent to determine the feasibility of reducing the speed limit from 50 km/h to 40 km/h.

This warrant review included an assessment of the pedestrian environment, road and traffic environment, and an analysis of the collision records for the previous three year period.

## **COMMENTS**

The following characteristics describe Aveline Crescent:

- Located east of McCowan Road and south of Ellesmere Road, within the Woburn Neighbourhood.
- A two-lane local road with a pavement width of approximately 8.5 metres.
- Regulated by a default 50 km/h speed limit (unposted).
- An alignment that includes two ninety degree curves with safe speeds of less than 50 km/h (the safe speed on both curves is 20 km/h).
- Sidewalks on both sides of the roadway.
- Abutted mainly by single-family residential land uses and the North Bendale Junior Public School. North Bendale Park can also be accessed through the school property.
- Intersects Lynnbrook Drive, which has a posted 40 km/h speed limit, at two locations.

### **40 km/h Speed Limit Warrant**

In order for a 40 km/h speed limit to be considered, various traffic conditions must first be assessed, such as pavement width, pedestrian conditions (proximity to elementary or junior high school, existence/absence of sidewalks), and the road and traffic environment (collision patterns, safe stopping distance, grades and roadway curvature). A 40 km/h speed limit may be implemented on streets where either the Pedestrian Environment category or the Road and Traffic Environment category of the warrant are met.

The Pedestrian Environment category was met based on the road pavement width and an elementary school abutting the road (North Bendale Junior Public School). In addition, the Road and Traffic Environment category was met based on two 90 degree curves on the roadway with safe speeds of less than 50 km/h (the curves have a safe speed of 20 km/h). The recommended 40 km/h speed limit on Aveline Crescent would be consistent with the speed limit on other area streets.

Over the past three years, there have been zero reported collisions where excess speed was identified as being a contributing factor.

**CONTACT**

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**SIGNATURE**

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**ATTACHMENTS**

1. Location Plan (Speed Limit – Aveline Crescent)