

## **Speed Limit – Boyce Avenue**

<b>Date:</b>	October 31, 2013
<b>To:</b>	Scarborough Community Council
<b>From:</b>	Director, Transportation Services, Scarborough District
<b>Wards:</b>	Ward 35 – Scarborough Southwest
<b>Reference Number:</b>	P:\2013\Cluster B\TRA\Scarborough\sc1374.docx D13-5423994 Boyce Avenue speed limit

### **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 provides the results of a 40 km/h speed limit warrant analysis conducted on Boyce Avenue between Brimley Road and Oswego Road. A 40 km/h speed limit is not technically justified on Boyce Avenue.

### **RECOMMENDATIONS**

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

1. Not approve a 40 kilometre per hour speed limit on Boyce Avenue between Brimley Road and Oswego Road.
2. Not pass or amend the appropriate by-law(s) accordingly.

#### **Financial Impact**

There is no financial impact associated with this report; however, should the 40 km/h speed limit be approved the financial cost of posting the speed limit signs is approximately \$750.00. Funding for the signs would be available in the Transportation Services 2013 Operating Budget, within Cost Centre TP0397.

## **ISSUE BACKGROUND**

Further to a request by Councillor Michelle Berardinetti regarding a speed reduction on the subject roadway, Transportation Services staff reviewed the feasibility of changing the speed limit from 50 km/h to 40 km/h.

The results of our study indicate that a 40 km/h speed limit warrant is not met. This result review includes an assessment of the Pedestrian Environment, the Road and Traffic Environment, and an analysis of the last three years of available collision records.

## **COMMENTS**

Several characteristics describing the subject portion of Boyce Avenue between Brimley Road and Oswego Road include:

- The land use on the subject roadway consists of single family residential dwellings.
- Boyce Avenue is an east/west roadway with an operating speed of 53 km/h (85<sup>th</sup> percentile).
- The subject road forms a stop controlled T-intersection at Brimley Road at the west end, and a four-way intersection with east and westbound stop signs at Oswego Road at its east end.
- This roadway is a two-lane local road with sidewalks on both sides and a road pavement width of approximately 8.5 metres.
- The 24 hour vehicle volume on Boyce Avenue is 599 vehicles per day; this volume is well within the volume range of 2,500 vehicles per day (vpd) or less for a local road.
- Boyce Avenue is currently regulated by an unposted 50 km/h default speed limit.

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

In order for a 40 km/h speed limit to be warranted, various traffic conditions must be assessed such as street width, pedestrian conditions, and the road and traffic environment. Our investigation indicates that the 40 km/h speed limit is not justified at this time and the 85<sup>th</sup> percentile speed is not in excess of 10 km/h over the 50 km/h default speed limit on Boyce Avenue. There are no reported speed related collisions within the last complete three years of collision history on Boyce Avenue.

## **CONTACT**

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## **SIGNATURE**

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## **ATTACHMENTS**

1. Location Plan – (Speed Limit – Boyce Avenue)