



STAFF REPORT ACTION REQUIRED

Speed Limit – Brumwell Street

Date:	March 25, 2015
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 44 – Scarborough East
Reference Number:	P:\2014 \Cluster B\TRA\Scarborough\sc1530 D14-6263177 357582 - Brumwell Speed Limit

SUMMARY

This staff report is about a matter for 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 on Brumwell Street. The 40 km/h speed limit is not technically justified on Brumwell Street.

RECOMMENDATIONS

Transportation Services recommends that Scarborough Community Council:

1. Not reduce the speed limit from 50 km/h to 40 km/h on Brumwell Street, from Lawson Road to the north end of Brumwell Street.

Financial Impact

There is no cost associated with this report. However, should Scarborough Community Council approve the regulation, the financial cost of installing the speed limit signage would be approximately \$1,300.00. Funding for the signs would be available in the Transportation Services 2015 Operating Budget, within Cost Centre TP0397.

ISSUE BACKGROUND

As a result of a public request, through Councillor Ron Moeser's office, Transportation Services staff reviewed Brumwell Street to determine the feasibility of reducing the speed limit from 50 km/h to 40 km/h.

The results of our study indicate that the technical warrants for the installation of a 40 km/h speed limit on Brumwell Street are not met.

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 Brumwell Street:

- Brumwell Street is located west of Port Union Road and north of Lawson Road;
- Brumwell Street is a two-lane local road with a width of approximately 8 metres;
- Brumwell Street is currently regulated by a default 50 km/h speed limit (unposted);
- Brumwell Street is a residential road with a sidewalk along its east side;
- Brumwell Street runs north/south and terminates in a cul-de-sac approximately 615 metres north of Lawson Road;
- Traffic data counts at two locations along Brumwell Street conducted on August 7, 2013 showed that the vehicle volumes were 950 vehicles per day and 542 vehicles per day, respectively. The respective 85th percentile speeds were 56 km/h and 54km/h at these locations; and
- The existing speed limit of 50 km/h on Brumwell Street is consistent with the above-measured speeds.

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 road width, pedestrian conditions (elementary or junior high school, absence of sidewalks), and the road and traffic environment (collision patterns, safe stopping distance, grades and roadway curvatures).

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. In the case of Brumwell Street, neither the Pedestrian Environment nor the Road and Traffic Environment categories are met.

Over the past three years, there have no reported collisions where excess speed was identified as being a contributing factor.

The intent of the 40 km/h Speed Limit Warrant is to focus on roads with particularly sensitive natures like those along schools or abutting playgrounds where motorists may be expected to encounter young pedestrians on a regular basis. Neither of these conditions apply along Brumwell Street and as such, it should remain an unposted 50 km/h road.

CONTACT

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SIGNATURE

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ATTACHMENTS

1. Location Plan (Speed Limit – Brumwell Street)