



**STAFF REPORT
ACTION REQUIRED**

Speed Limit – Old Kingston Road

Date:	December 15, 2014
To:	Scarborough Community Council
From:	Acting Director, Transportation Services, Scarborough District
Wards:	Ward 44 – Scarborough East
Reference Number:	P:\2014 \Cluster B\TRA\Scarborough\sc1501.docx D14-6109871 Old Kingston Rd 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 posting a 40 km/h speed zone along Old Kingston Road between Military Trail and Manse Road. The 40 km/h speed limit is technically justified along Old Kingston Road.

RECOMMENDATIONS

Transportation Services recommends that Scarborough Community Council:

1. Reduce the speed limit from 50 km/h to 40 km/h on Old Kingston Road from Manse Road to Military Trail.

Financial Impact

The financial cost of posting the speed zone signage is approximately \$4,000.00. Funding for the signs has been requested in the Transportation Services 2015 Operating Budget, within Cost Centre TP0397.

ISSUE BACKGROUND

As a result of a request from Councillor Ron Moeser, Transportation Services staff reviewed Old Kingston Road between Military Trail and Manse Road 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 warrant for the installation of a 40 km/h speed limit on Old Kingston Road is 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 Old Kingston Road between Military Trail and Manse Road:

- Old Kingston Road is located east of Morningside Avenue and north of Kingston Road.
- Old Kingston Road is a two-lane collector road with a width of approximately 7 metres.
- Old Kingston Road is currently has the default 50 km/h speed limit (unposted).
- Old Kingston Road consists of park and residential land uses.
- A sidewalk is located on the south side of Old Kingston Road between Military Trail and a point 140 metres further west. There is an absence of sidewalks along the remaining portion of the road.

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 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. In the case of Old Kingston Road between Military Trail and Manse Road, a combination of factors was met.

The Pedestrian Environment category was met based on the road pavement width and the absence of sidewalks along a major portion of Old Kingston Road.

The Road and Traffic Environment category was met based on more than two steep hills where the grade is greater than 5%.

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 – Old Kingston Road)