Speed Limit Review – Valmount Avenue

Date: October 11, 2012
To: Scarborough Community Council
From: Director, Transportation Services, Scarborough District
Wards: Ward 44 – Scarborough East
Reference Number: P:\2012 \Cluster B\TRA\Scarborough\sc12106 D12-4821867 Valmount speed limit reduction

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 Valmount Avenue south of Kingston Road to the end of the cul-de-sac. A 40 km/h speed limit is technically justified on Valmount Avenue.

RECOMMENDATIONS

Transportation Services recommends that Scarborough Community Council:

1. Enact a 40 km/h speed limit along Valmount Avenue, as identified in the Appendix 1 of this report.

2. Pass or amend the appropriate by-law(s) accordingly.

Financial Impact
The financial cost of installing the speed regulation signage is approximately $1,500.00. Funding for the signs is available in the Transportation Services 2012 Operating Budget, within Cost Centre TP0397.
ISSUE BACKGROUND
As a result of a concern from a citizen, Transportation Services staff reviewed this location to determine whether a reduction of the current unposted speed limit from 50 km/h to 40 km/h is justified on Valmount Avenue.

The results of the study indicate that the technical warrants for the installation of a 40 km/h speed limit are met. This review included an assessment of the road and traffic environment along with an analysis of collision records for the last three year period.

COMMENTS
Key characteristics describing Valmount Avenue include:

- Valmount Avenue is south of Kingston Road, north of Highway 2A, east of Meadowvale Road, and west of Centennial Road.
- Valmount Avenue is located in the Scarborough East community.
- Valmount Avenue is a two-lane local road with a road width of approximately 8.0 metres and a default 50 km/h speed limit.
- Land uses on Valmount Avenue consist of residential dwellings and commercial establishments.
- There are no sidewalks on either side of Valmount Avenue.
- The approximate average daily traffic on Valmount Avenue is 275 vehicles per day.
- The 85th percentile speed on Valmount Avenue was 57 km/h for northbound vehicles and 52 km/h for southbound vehicles, respectively.

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 roadway width, pedestrian characteristics (elementary or junior high students, seniors), and the road and traffic environment (the presence of sidewalks, 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 Valmount Avenue, the Pedestrian Environment Category portion of the 40 km/h warrant is met.
The Pedestrian Environment portion of the 40 km/h speed limit warrant is met due to the road width being less than 10.5 metres (currently less than 8.0 metres) and the absence of sidewalks.

No vehicular collisions involving speeding were recorded within the last three complete years of available collision data.

**CONTACT**
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**SIGNATURE**

____________________________________
Peter J. Noehammer, P.Eng.
Director, Transportation Services, Scarborough District

**ATTACHMENTS**

1. Appendix 1 – By-law Amendment, Enact
2. Location Plan (Speed Limit Review – Valmount Avenue)
Appendix 1

“Maximum Rate of Speed – 40 Kilometres Per Hour”
Regulation to be Enacted

<table>
<thead>
<tr>
<th>Highway</th>
<th>From</th>
<th>To</th>
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<tbody>
<tr>
<td>Valmount Avenue</td>
<td>Kingston Road</td>
<td>South end of Valmount Avenue</td>
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