STAFF REPORT
ACTION REQUIRED

Speed Limit Study – Mack Avenue

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<th>Date:</th>
<th>September 21, 2012</th>
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<td>To:</td>
<td>Scarborough Community Council</td>
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<tr>
<td>From:</td>
<td>Director, Transportation Services, Scarborough District</td>
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<td>Wards:</td>
<td>Ward 35 – Scarborough Southwest</td>
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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 report provides the results of a 40 km/h speed limit warrant analysis conducted on Mack Avenue between Warden Avenue and Danforth Road. A 40 km/h speed limit is not technically justified on this section of Mack Avenue.

RECOMMENDATIONS

Transportation Services recommends that Scarborough Community Council:

1. Not approve a 40 kilometre per hour speed limit on Mack Avenue between Warden Avenue and Danforth 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 2012 Operating Budget, within Cost Centre TP0397.

ISSUE BACKGROUND

Further to a request by Councillor Michelle Berardinetti regarding speeding concerns on the subject roadway, Transportation Services staff reviewed 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 are not met. This warrant 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.

The justification for introducing a 40 km/h speed limit is based on a review of the technical warrant for this purpose adopted for use in the City of Toronto.

**COMMENTS**
Several characteristics describing the subject portion of the Mack Avenue between Warden Avenue and Danforth Road include:

- The land use on the subject roadway consists of single family residential dwellings.
- This roadway is a two-lane local road with pavement widths of approximately 8.5 metres. The 24 hour vehicle volume on this section of Mack Avenue is approximately 2,000 vehicles per day.
- The subject portion of Mack Avenue is currently regulated by an unposted 50 km/h default speed limit.

**40 Km/h Speed Limit Warrant**

Notwithstanding support for a 40 km/h speed limit as indicated by a petition supplied to Transportation Services via the Councillor's office, application of the relevant warrant reveals that a 40 km/h speed limit is technically not achieved on Mack Avenue between Warden Avenue and Danforth Road. Specifically, “Road and Traffic Environment” and the “Pedestrian Environment” categories of the 40 km/h Speed Limit Warrant are not satisfied. There are no reported speed related collisions within the last complete three years of collision history on this section of Mack Avenue.

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**SIGNATURE**

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

FJB:ca

**ATTACHMENTS**
1. Location Plan – (Speed Limit Study – Mack Avenue)