STAFF REPORT
ACTION REQUIRED

Speed Limit Regulation on Staines Road – Steeles Avenue East to Morningside Avenue

Date: March 3, 2011
To: Scarborough Community Council
From: Director, Transportation Services, Scarborough District
Wards: Ward 42 – Scarborough-Rouge River
Reference Number: P:\2011\Cluster B\TRA\Scarborough\sc1135
D11 – 4149766 Staines Road - speed regulations

SUMMARY

This report proposes reducing the existing posted 50 km/h speed limit to 40 km/h along Staines Road. This proposed speed limit is consistent with a residential collector road that has five curves with 30 km/h warning tabs, parkland used to gain access to an elementary school, and sidewalks on only a portion of one side of the street.

City Council’s approval of a posted 40 km/h speed limit on Staines Road will enhance traffic operations and safety along this roadway.

RECOMMENDATIONS

Transportation Services recommends that:

1. City Council enact the “Maximum Rate of Speed – 40 Kilometres Per Hour” speed limit on Staines Road, as identified in Appendix 1 of this report.

2. City Council pass or amend the appropriate by-law(s) accordingly.
Financial Impact
The financial cost of installing new speed limit signage is approximately $3,000.00. Funding for the signs is available in the Transportation Services 2011 Operating Budget, within Cost Centre TP0397.

ISSUE BACKGROUND
Further to a request from Councillor Raymond Cho concerning vehicle speeds on Staines Road, Transportation Services reviewed this road for the suitability of a lower speed limit. The justification for the installation of posted speed limits is based on technical warrants adopted by Council for use in the City of Toronto.

COMMENTS
The following characteristics describe Staines Road:

- It is serviced by Toronto Transit Commission Route 53 - Steeles East.
- It is primarily a two-lane north/south collector road.
- It has a daily traffic volume of approximately 4300 vehicles and has a speed limit of 50 kilometres per hour.
- The land use on Staines Road is primarily single family residential.
- Brookside Public School is located to the west of Staines Road next to Hepatica Street and Grosbeak Crescent.
- An approximate 400 metre portion of Staines Road north of Seasons Drive abutting a golf course has a sidewalk on only the west side.
- Advisory speed signs along five curves on Staines Road indicate 30 km/h.

40 Km/h Speed Limit Warrant
Application of this warrant reveals that a 40 km/h speed limit is appropriate on Staines Road. Specifically, the “Pedestrian Environment” category of the 40 km/h Speed Limit Warrant is satisfied based on an elementary school (Brookside Public School) which abuts parkland that is used to gain access to Staines Road. Also, the road width of 9.8 metres meets the requirement for the adoption of a 40 km/h speed limit. In addition, the "Road and Traffic Environment" category with regard to "the safe speed on curves being less than 50 km/h" is satisfied.
When installed, the 40 km/h speed limit will be consistent with the traffic environment of Staines Road and should provide a safer roadway environment for drivers, cyclists and pedestrians, particularly in the area of the parks and the numerous curves along this road.

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SIGNATURE

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

JAB:ca

ATTACHMENTS

1. Appendix 1 – By-law Amendments (enact)
2. Location Plan (Proposed 40 Km/h Speed Limit – Staines Road from Morningside Avenue to Steeles Avenue East)
Appendix 1

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

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<tbody>
<tr>
<td>Highway</td>
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<td>Staines Road</td>
<td>Morningside Avenue</td>
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