



## STAFF REPORT ACTION REQUIRED

### Proposed Speed Limit Reduction – Patterson Avenue from Danforth Road to Leyton Avenue

<b>Date:</b>	June 11, 2008.
<b>To:</b>	Scarborough Community Council
<b>From:</b>	Director, Transportation Services, Scarborough District
<b>Wards:</b>	Ward 35 – Scarborough-Southwest
<b>Reference Number:</b>	P:\2008\Cluster B\TRA\Scarborough\sc08051 D08-2832360 (D08-289) Patterson Avenue, Speed Limit Reduction

#### SUMMARY

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This staff report is about a matter for which the Community Council has delegated authority from City Council to make a final decision.

The purpose of this report is to obtain approval for the installation of a reduced speed limit on Patterson Avenue from Danforth Road to Leyton Avenue. Along this section of Patterson Avenue, a 40 kilometre per hour (km/h) speed limit is technically justified and recommended.

#### RECOMMENDATIONS

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**Transportation Services, Scarborough District, recommends that Scarborough Community Council:**

1. Adopt a 40 kilometre per hour speed limit on the subject portion of Patterson Avenue, as identified in Appendix 1 of this report, and
2. Amend the appropriate by-law(s) accordingly.

### **Financial Impact**

The financial cost of installing these speed limit signs is approximately \$1,500.00. The funding for these signs is available in the Transportation Services 2008 Operating Budget, within Cost Centre TP0226.

### **DECISION HISTORY**

Further to a request from Councillor Adrian Heaps, Transportation Services staff reviewed this location to determine whether a reduction of the speed limit from 50 km/h to 40 km/h was justified.

The results of our study indicate that the technical warrants for the installation of a 40 km/h speed limit are met. This review included a review of Collision Records for a five year period in which no speed related collisions were reported.

### **ISSUE BACKGROUND**

Further to a request from Councillor Adrian Heaps, regarding a speed limit reduction on Patterson Avenue, Transportation Services staff reviewed the feasibility of reducing the speed limit to 40 km/h on this roadway.

### **COMMENTS**

Key characteristics describing Patterson Avenue include:

- Patterson Avenue is located west – northwest of Danforth Road and Warden Avenue.
- It is a two-lane local roadway with an unposted 50 km/h speed limit.
- The daily traffic volume on this road is approximately 640 vehicles per day (vpd).
- Sidewalks are located on both sides of the street.

## **40 Km/h Speed Limit Warrant**

Application of this warrant reveals that a 40 km/h speed limit is appropriate on Patterson Avenue. Specifically, the Pedestrian Environment category has been satisfied. Within the “Pedestrian Environment” category of this warrant, the pavement width is less than 10.5 metres where an elementary school abuts the road. Patterson Avenue is used to gain access to Warden Avenue Junior Public School; therefore, the required conditions are met.

### **CONTACT**

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### **SIGNATURE**

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

FJB:ca

### **ATTACHMENTS**

1. Appendix 1 – By-law Amendment (enact)
2. Location Plan (Proposed 40 km/h Speed Limit – Patterson Avenue)

Appendix 1

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

<u>Highway</u>	<u>From</u>	<u>To</u>
Patterson Avenue	Danforth Road	Leyton Avenue