



CITY CLERK'S OFFICE
SECRETARIAT SECTION
**STAFF REPORT
ACTION REQUIRED**
2007 MAR 13 P 2:21

Proposed Speed Limit Reduction on Belgreen Avenue

Date:	March 12, 2007
To:	Scarborough Community Council
From:	Director, Transportation Services, Scarborough District
Wards:	Ward 39 & 41 – Scarborough Agincourt and Scarborough Rouge River
Reference Number:	P:\2007\Cluster B\TRA\Scarborough\sc07024 D06-681 Belgreen Avenue Speed Reduction

SUMMARY

This report provides the results of traffic studies conducted on Belgreen Avenue, Farmington Crescent, Linwood Avenue and Havendale Road considering 40 kilometre per hour speed (km/h) speed limits. Of the four subject roadways, a 40 km/h speed limit is technically justified and recommended on Belgreen Avenue only.

RECOMMENDATIONS

Transportation Services, Scarborough District, recommends that:

1. A 40 kilometre per hour speed limit not be implemented on Farmington Crescent, Linwood Avenue and Havendale Road.
2. The 40 kilometre per hour speed limit on Belgreen Avenue, as identified in Appendix 1 of this report be adopted.
3. The appropriate by-law be amended.

FINANCIAL IMPACT

The financial cost of installing these speed limit signs is approximately \$2,000.00. Funding for these speed limit signs is available in the Transportation Services 2007 Operating Budget, within Cost Centre TP0226.

ISSUE BACKGROUND

Further to a request from City Councillor Mike Del Grande regarding speeding concerns on Belgreen Avenue, Farmington Crescent, Havendale Road and Linwood Avenue, Transportation Services staff reviewed the feasibility of reducing the speed limit from 50 km/h to 40 km/h on the subject roadways. The results of our studies indicate that Belgreen Avenue was the only roadway that met the technical warrants for the installation of a 40 km/h speed limit.

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

COMMENTS

Several factors involving the potential speed reduction on Belgreen Avenue include:

- This road is located in the community north of Sheppard Avenue East between Kennedy Road and Midland Avenue.
- Belgreen Avenue is a two-lane, local roadway with a speed limit of 50 km/h (not signed) and a daily traffic volume of 398 vehicles per day (vpd).
- Belgreen Avenue has a pavement width of 8.5 metres, and there are sidewalks on both sides of the roadway.
- Havendale Park and playground fronts onto Belgreen Avenue.

40 Km/h Speed Limit Warrant

Application of this warrant reveals that a 40 km/h speed limit is appropriate on Belgreen Avenue. Specifically, the "Road and Traffic Environment" category of the 40 Km/h Speed Limit Warrant is satisfied based on the two curves on the road with safe speeds of less than 50 km/h. In addition, the road width of 8.5 metres meets the requirement for the adoption of a 40 km/h speed limit. When installed, the 40 km/h speed limit will be consistent with the traffic environment of Belgreen Avenue.

The other three subject roadways, Farmington Crescent, Linwood Avenue and Havendale Road, do not have any curves nor do they meet any of the other technical criteria for a 40 km/h speed limit.

CONTACT

Marko A. Oinonen, P. Eng.
Manager, Traffic Operations, Scarborough District
Tel: 416-396-7148
Fax: 416-396-5681
E-Mail: moinonen@toronto.ca

SIGNATURE



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

KS:ca

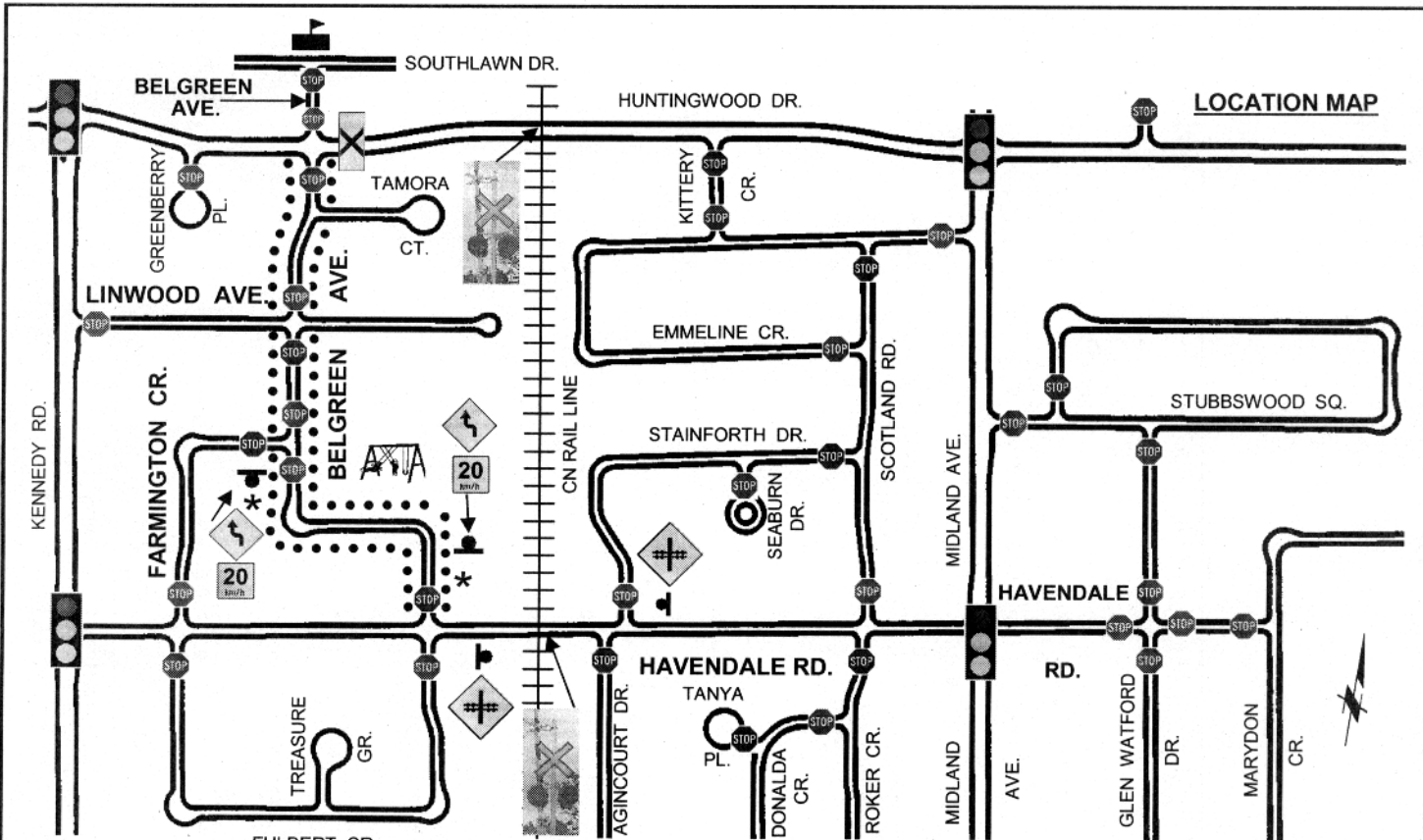
ATTACHMENTS

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

Appendix 1

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

<u>Highway</u>	<u>From</u>	<u>To</u>
Belgreen Avenue	Havendale Road	Southlawn Drive



BELGREEN AVE. NORTHBOUND AT SOUTH CURVE



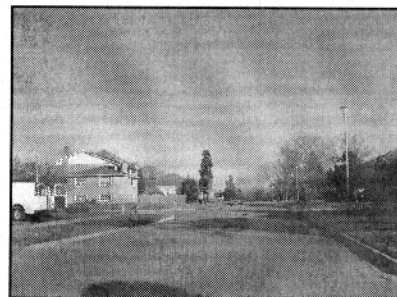
HAVENDALE RD. EASTBOUND EAST OF BELGREEN AVE.



FARMINGTON CRESCENT EASTBOUND EAST OF BELGREEN

LEGEND

	STOP SIGN		EXISTING CURVE WARNING SIGN & 20 KM/H ADVISORY SPEED TAB		PROPOSED 40 KM/H SPEED LIMIT ON BELGREEN AVENUE
	TRAFFIC CONTROL SIGNALS		20 km/h		* = PLAYGROUND ADVANCE SIGN
	PEDESTRIAN CROSSOVER (PXO)		HAVENDALE PARK		RAILWAY CROSSING ARMS AND BEACONS
	RAILWAY ADVANCE SIGN		LYNNWOOD HEIGHTS JUNIOR P.S.		



LINWOOD AVE. EASTBOUND WEST OF BELGREEN AVE.

TORONTO TRANSPORTATION SERVICES

TRAFFIC OPERATIONS
Scarborough District

SCALE:	N.T.S.
DATE:	DEC. 2006
DRAFTING:	K.S.

**PROPOSED 40 KM/H SPEED LIMIT
BELGREEN AVENUE**

FILE NUMBER: D06-681	
ATTACHMENT 2	WARD 39 & 41