



STAFF REPORT ACTION REQUIRED

Elmcrest Road - Speed Limit Reduction

Date:	August 7, 2007
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 3 – Etobicoke Centre
Reference Number:	p:\2007\Cluster B\TRA\EtobicokeYork\eycc070129-to – AFS5746

SUMMARY

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 to introduce a 40 km/h speed limit on Elmcrest Road between Old Burnhamthorpe Road and the north limit of the road.

As the 40 km/h Speed Limit Warrant requirements are achieved, a 40 km/h speed limit is recommended on Elmcrest Road between Old Burnhamthorpe Road and the north limit of the road.

RECOMMENDATIONS

Transportation Services recommends that:

1. Etobicoke York Community Council approve a 40 km/h speed limit on Elmcrest Road, between Old Burnhamthorpe Road and the north limit of the road, as the requirements of the 40 km/h Speed Limit Warrant are achieved.

Financial Impact

Type of Funding	Source of Funds	Amount
Available within current budget	Transportation Services Operating Budget	\$1,000.00

ISSUE BACKGROUND

Transportation Services received a request from an area resident to have an all-way stop control installed at the intersection of Elmcrest Road and Laver Road. This request was made as a result of speed concerns on Elmcrest Road between Old Burnhamthorpe Road and Rathburn Road. Staff also received a request from an area resident to have the speed limit reduced on Elmcrest Road, north of Rathburn Road, as a result of speed concerns on this section of Elmcrest Road.

Transportation Services conducted traffic counts at the intersection of Elmcrest Road and Laver Road which revealed that an all-way stop control is not warranted at this location. Staff also conducted speed studies on Elmcrest Road and applied the results of the study to the 40 km/h speed limit warrant.

A map of the area is Attachment No. 1.

COMMENTS

Elmcrest Road is a local road located in the residential community east of Mill Road and north of Burnhamthorpe Road. There are sidewalks located on the west side of Elmcrest Road between Old Burnhamthorpe Road and Laver Road and on the east side of Elmcrest Road between Laver Road and Rathburn Road. There is also a sidewalk located on the west side of Elmcrest Road, north of Rathburn Road. The pavement width on Elmcrest Road is 7.8 metres. Elmcrest Road has two curves between Laver Road and Rathburn Road. A pedestrian crossover is located at the south approach of the intersection of Elmcrest Road and Laver Road.

The legal speed limit on Elmcrest Road is currently 50 km/h. A speed study, using automatic traffic recorders, was conducted on Elmcrest Road, mid-block between Old Burnhamthorpe Road and Laver Road. Our study results revealed that the 85th percentile speed was 57 km/h. The 85th percentile is the speed at or below which the majority of motorists feel comfortable travelling under the existing roadway conditions.

Under the current Council policy, 40 km/h speed limits may be implemented on streets where Road Width and either Pedestrian or Road and Traffic Environment criteria are met. Elmcrest Road satisfies the Road Width and Road and Traffic Environment criteria as set in **Appendix A – Table 1** attached, as the road has a pavement width less than 10.5 metres and has multiple curves.

Based on the 40 km/h warrant being met, staff recommends the introduction of a 40 km/h speed limit on Elmcrest Road between Old Burnhamthorpe Road and the north limit of the road.

CONTACT

Mark Hargot Supervisor, Traffic Engineering-Etobicoke York District
Tel: (416) 394-8453; Fax: (416) 394-8942
e-mail: mahargot@toronto.ca

SIGNATURE

John Niedra, P.Eng.
Director, Transportation Services-Etobicoke York District

ATTACHMENTS

Appendix A
Attachment No. 1: Map

APPENDIX A – TABLE 1

A. ROAD WIDTH			
1.	(i)	Pavement width equal to or greater than 10.5 metres and the 85 th percentile speed is equal to or less than 50 km/h	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
OR			
	(ii)	Pavement width less than 10.5 metres	
		PAVEMENT WIDTH: 7.8 metres	
AND			
B. PEDESTRIAN ENVIRONMENT			
1.	(i)	Elementary or junior high school abuts the road Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
OR			
	(ii)	Parkland abuts the road which is contiguous to and used to gain access to an elementary or junior high school Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
OR			
	(iii)	Absence of sidewalk on both sides of the road or a major portion of the road Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
OR			
C. ROAD AND TRAFFIC ENVIRONMENT			
1.	(i)	Two or more locations where grades are greater than 5%; and/or safe speed on curves is less than 50 km/h Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
OR			
	(ii)	2 or more locations where there is lack of sufficient distance to stop safely traveling at 50 km/h Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
OR			
	(iii)	Pattern of collisions where vehicle speed was identified as a factor Local streets – 3 or more over 3 years Other streets – 5 or more over 3 years Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	