



STAFF REPORT ACTION REQUIRED

Brougham Crescent - Speed Limit Amendment

Date:	October 19, 2007
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 4 – Etobicoke Centre
Reference Number:	p:\2007\Cluster B\TRA\EtobicokeYork\eycc070167-to – AFS6163

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 reduce the speed limit on Brougham Crescent between Wincott Drive and The Westway to 40 km/h.

Installing a 40 km/h speed limit on Brougham Crescent is consistent with the 40 km/h Speed Limit Warrant. Approval of this report will result in a 40 km/h speed limit being posted on Brougham Crescent between Wincott Drive and The Westway.

RECOMMENDATIONS

Transportation Services recommends that Etobicoke York Community Council approve:

1. A 40 km/h speed limit on Brougham Crescent between Wincott Drive and The Westway, 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	\$600.00

ISSUE BACKGROUND

Speed studies were conducted by Transportation Services staff on Brougham Crescent, because of residents concerns regarding traffic volume and speeding. The study results were applied to the 40 km/h Speed Limit Warrant. A map of the area is Attachment No. 1.

COMMENTS

Brougham Crescent is a local road in the residential community to the north of The Westway and east of Kipling Avenue. The speed limit on this road is currently 50 km/h. There are no sidewalks on either side of the road. In addition there is one 90 degree bend in which the safe speed is less than 50 km/h.

Automatic speed and volume studies were conducted on Brougham Crescent. These study results reveal that the majority of motorists travel at speeds less than the 50 km/h speed limit with an 85th percentile speed of 44 km/h. The 85th percentile is the speed at or below which the majority of motorists feel comfortable travelling under the existing roadway conditions. The 24-hour volume was recorded as 112 vehicles.

Toronto Police Service collision records for a three-year period ending December 31, 2006, indicate two reported collisions on this street, neither of which was speed related.

Under the current Council policy, 40 km/h speed limits may be implemented on streets where the Road Width and either Pedestrian or Road and Traffic Environment criteria are met. Brougham Crescent satisfies the Road Width and Pedestrian Environment criteria as set in Appendix A – Table 1 attached, since there are no sidewalks on either side of the road. It is prudent to reduce the speed limit to reflect this condition.

CONTACT

Kevin Akins, Transportation Services - Etobicoke York District
Tel: (416) 394-6046; Fax: (416) 394-8942
E-mail: krakins@toronto.ca

SIGNATURE

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

ATTACHMENTS

Appendix A – Table 1
Attachment No. 1: Map

APPENDIX A – TABLE 1

40 Km/h Speed Limit Warrant – Brougham Crescent

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: 8.5 metres 85 TH PERCENTILE SPEED: 44 km/h			
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 checked="" type="checkbox"/> No <input 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 checked="" type="checkbox"/> No <input 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 type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" 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"/>	