



**STAFF REPORT
ACTION REQUIRED**

Markbrook Lane - Speed Limit Amendment

Date:	May 7, 2009
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 1 – Etobicoke North
Reference Number:	p:\2009\Cluster B\TRA\EtobicokeYork\eycc090092-to

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 Markbrook Lane.

A staff assessment has determined that the criteria for the installation of a 40 km/h speed limit are achieved, in that the findings are 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 Markbrook Lane between Kipling Avenue and Steeles Avenue West.

RECOMMENDATIONS

Transportation Services recommends that Etobicoke York Community Council approve:

1. Enacting a 40 km/h speed limit on Markbrook Lane between Kipling Avenue and Steeles Avenue West, 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	\$300.00

ISSUE BACKGROUND

Transportation Services staff received a request from Councillor Suzan Hall, forwarding concerns of area residents, regarding speeding on the street. To quantify concerns, speed studies were conducted by Transportation Services staff on Markbrook Lane. The study results were applied to the 40 km/h Speed Limit Warrant. A map of the area is Attachment 1.

COMMENTS

Markbrook Lane is a 9.5 metre wide two-way local road built to urban standards with a speed limit of 50 km/h. The street has sidewalks on both sides of the roadway. The surrounding land area consists of high density residential dwellings.

Automatic speed and volume studies were conducted on Markbrook Lane. 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 40 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 2,497 vehicles.

Toronto Police Service collision records for a three-year period ending December 31, 2007, indicate that there have been no reported collisions in which speeding was indicated as a factor, on Markbrook Lane.

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. Markbrook Lane Drive satisfies both the Road Width and Road and Traffic Environment criteria as set in the attached Appendix A: Table 1, since the road has two curves with a safe travel speed of less than 40 km/h. It is prudent to reduce the speed limit to reflect these conditions.

CONTACT

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SIGNATURE

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

ATTACHMENTS

Appendix A Table 1
Attachment 1: Map

**APPENDIX A – TABLE 1
40 km/h Speed Limit Warrant – Markbrook Lane**

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
OR		
	(ii)	Pavement width less than 10.5 metres
		<i>PAVEMENT WIDTH: 9.5 metres</i> <i>85TH PERCENTILE SPEED: 40 km/h</i>
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

AND

B. PEDESTRIAN ENVIRONMENT		
1.	(i)	Elementary or junior high school abuts the road 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"/>
		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"/>
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"/>
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>