



STAFF REPORT ACTION REQUIRED

Scarlett Road, between East Drive and Edinborough Court - Speed Limit Amendment

Date:	October 29, 2008
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 11 – York South-Weston
Reference Number:	p:\2008\Cluster B\TRA\EtobicokeYork\eycc080161-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 a section of Scarlett Road from 50 km/h to 40 km/h.

As the 40 km/h Speed Limit Warrant requirements are achieved, a 40 km/h speed limit is recommended on Scarlett Road. This speed limit will be posted from the southerly limit of East Drive to the northerly limit of Edinborough Court.

RECOMMENDATIONS

Transportation Services recommends that Etobicoke York Community Council approve:

1. Rescinding the existing 50 km/h speed limit on Scarlett Road from the southerly limit of East Drive to the northerly limit of Edinborough Court.
2. Introducing a 40 km/h speed limit on Scarlett Road, between the southerly limit of East Drive to the northerly limit of Edinborough Court, 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	\$800.00

ISSUE BACKGROUND

Councillor Frances Nunziata, on behalf of area residents, requested Transportation Services staff to review the feasibility of reducing the existing speed limit on a section of Scarlett Road, designated with a 50 km/h speed limit, to a 40 km/h speed limit.

COMMENTS

Scarlett Road is a two-way minor arterial road in the residential community between Dundas Street West and Eglinton Avenue West. The speed limit on this road is currently 50 km/h with a pavement width of 14.1 metres. The 85th percentile speeds on this section of Scarlett Road are in the range of 63 km/h. There are two legs of Clairton Crescent that connect with Scarlett Road, a north leg and a south leg. Both have flashing amber beacons and are controlled by stop signs for westbound traffic. There are approximately 80 residences on Clairton Crescent. There are two curves on Scarlett Road at Clairton Crescent as indicated on the attached Map No. 1. Area residents are concerned that the bends in the roadway create visibility problems, coupled with excessive speeds, create conflicts for both motorists and pedestrians trying to exit from Clairton Crescent onto Scarlett Road.

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. Scarlett Road satisfies the Road Width and Road and Traffic Environment criteria as set in the table in Appendix "A" attached. Since there are two curves on Scarlett Road creating visibility problems and an existing speed limit of 50 km/h, it would be beneficial for area residents to have the speed limit reduced on this section of Scarlett Road to 40 km/h. The complete results are shown in Appendix "A" attached.

Based on the aforementioned, a 40 km/h speed limit is recommended on Scarlett Road, between the southerly limit of East Drive to the northerly limit of Edinborough Court.

Transportation staff was also requested to review the feasibility of installing traffic control signals at one of the legs of Clairton Crescent to allow residents to safely access and exit their street.

A review of Toronto Police Services collision records for the three-year period ending December 31, 2007, revealed that a total of seven collisions had occurred at this intersection of which none were potentially preventable by the installation of traffic control signals.

"Stop" signs control right-of-way at the intersection for southbound motorists on Emmett Avenue and northbound motorists exiting the golf course. Toronto Transit Commission (TTC) bus stops are located on the far sides of the intersection on Eglinton Avenue West.

A traffic study conducted on a typical weekday at the north leg of Clairton Crescent and Scarlett Road, revealed that the technical warrants for the installation of traffic control signals are satisfied to the following extent:

Warrant 1:	Minimum Vehicular Volume	13 percent
Warrant 2:	Delay to Cross Traffic	19 percent
Warrant 3:	Collision Hazard	3 percent

In order for a traffic control signals to be justified at an intersection, established warrant criteria must be fulfilled. To meet the technical warrants for the installation of traffic control signals, one of the warrant criteria “Minimum Vehicular Volume”, “Delay to Cross Traffic” or “Collision Hazard” must be 100 percent satisfied or any two of the three must be at least 80 percent satisfied. According to the study results, the technical warrants for the installation of traffic control signals at the intersection of Scarlett Road and Clairton Crescent are not satisfied.

CONTACT

Spiros Stamopoulos, Acting Supervisor, Traffic Operations - Etobicoke York District
Tel: (416) 338-5427; Fax: (416) 394-8942
E-mail: sstamopo@toronto.ca
AFS8814

SIGNATURE

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

ATTACHMENTS

Appendix A
Attachment No. 1: Map

APPENDIX “A”

40 Km/h Speed Limit Warrant – Scarlett Road

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: 7.5 metres SPEED LIMIT: 50 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 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 (grades are > than 8% +) 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 checked="" type="checkbox"/> No <input 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"/>	