



STAFF REPORT ACTION REQUIRED

Upper Humber Drive - Speed Limit Reduction

Date:	September 11, 2007
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 2 – Etobicoke North
Reference Number:	p:\2007\Cluster B\TRA\EtobicokeYork\eycc070142-to – AFS5879

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 Upper Humber Drive between Humberwood Boulevard and the north limit of the road to 40 km/h.

Installing a 40 km/h speed limit on Upper Humber Drive 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 Upper Humber Drive between Humberwood Boulevard and the north limit of the road.

RECOMMENDATIONS

Transportation Services recommends that Etobicoke York Community Council:

1. Enact a 40 km/h speed limit on Upper Humber Drive between Humberwood Boulevard 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	\$800.00

ISSUE BACKGROUND

Speed studies were conducted on Upper Humber Drive, because of a concern of a resident of this street with regard to speeding. Transportation Services staff conducted a speed study and applied the results to the 40 km/h Speed Limit Warrant. A map of the area is Attachment No. 1.

COMMENTS

Upper Humber Drive is a local road in the residential community east of Highway No. 427 and south of Finch Avenue West. The speed limit on this road is currently 50 km/h. There are sidewalks on both sides of Upper Humber Drive. Several curves exist in the road.

Automatic speed and volume studies were conducted on Upper Humber Drive. These study results reveal that the majority of motorists travel at speeds less than the 50 km/h speed limit (average speed of 37 km/h), with an 85th percentile speed of 50 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 is recorded as 693 near Pinecone Drive.

Toronto Police Service collision records for a three-year period ending December 31, 2006, indicates one speed related collision on this road. This incident occurred during the evening, and the driver was charged with careless driving.

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. Upper Humber Drive satisfies the Road Width and Road and Traffic Environment criteria as set in Appendix A – Table 1 attached. Since there are two curves on Upper Humber Drive with a safe travel speed of less than 50 km/h, it is prudent to reduce the speed limit. The complete results are shown in Appendix A attached.

CONTACT

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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 – Upper Humber Drive

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: 8.3 metres 85 TH PERCENTILE SPEED: 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 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"/>	