



# STAFF REPORT ACTION REQUIRED

## Wellesworth Drive – Speed Limit Amendment

<b>Date:</b>	May 7, 2009
<b>To:</b>	Etobicoke York Community Council
<b>From:</b>	Director, Transportation Services - Etobicoke York District
<b>Wards:</b>	Ward 3 – Etobicoke Centre
<b>Reference Number:</b>	p:\2009\Cluster B\TRA\EtobicokeYork\eycc090085-to

### SUMMARY

This staff report is about a matter for which 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 the existing 50 km/h sections on Wellesworth Drive between The West Mall and Inverdon Road.

As the 40 km/h Speed Limit Warrant requirements are achieved, a 40 km/h speed limit is recommended on the entire length of Wellesworth Drive between The West Mall and Inverdon Road.

### RECOMMENDATIONS

**Transportation Services recommends that Etobicoke York Community Council approve:**

1. Rescinding the 40 km/h speed limit on Wellesworth Drive between The West Mall and Faversham Crescent.
2. Rescinding the 40 km/h speed limit on Wellesworth Drive between Rangoon Road and Gentian Drive.
3. Enacting a 40 km/h speed limit on Wellesworth Drive between The West Mall and Inverdon Road.

### Financial Impact

Type of Funding	Source of Funds	Amount
Available within current budget	Transportation Services Operating Budget	\$800.00

## **ISSUE BACKGROUND**

Transportation Services staff received a communication from an area resident regarding the speed of vehicular traffic on Wellesworth Drive in the area of Eringate Drive. A map of the area is Attachment 1.

## **COMMENTS**

Wellesworth Drive is a 10.0 metre wide two-way road built to urban standards (curb and gutter). The road is classified as a “collector” between The West Mall and Gentian Drive, and as a “local” east of Gentian Drive. There are sidewalks on both sides of the road. The speed limit on Wellesworth Drive is 40 km/h between Rangoon Road and Gentian Drive, and between The West Mall and Faversham Crescent. A 50 km/h speed limit currently exists on Wellesworth Drive on the sections between Inverdon Road and Rangoon Road; and between Gentian Drive and Faversham Crescent.

The surrounding land uses consist of detached single family dwellings and townhouses. Wellesworth Junior School is located at 225 Wellesworth Drive, south of Dixfield Drive, and Briarcrest Junior School is located at 60 Wellesworth Drive, west of Rangoon Road.

To quantify the speed concerns, studies were conducted using automatic traffic recorders on Wellesworth Drive. The study results were applied to the City-wide 40 km/h Speed Limit Warrant. Automatic speed and volume studies were conducted on Wellesworth Drive, north of Beckwith Road, in the area of 173 Wellesworth Drive, and north of Eringate Drive, in the area of 106 Wellesworth Drive, on a typical weekday. The 24-hour volume was recorded as 4,899 and 3,184 vehicles, respectively. These study results revealed that the 85<sup>th</sup> percentile or operating speed on Wellesworth Drive is 52 km/h. The 85<sup>th</sup> percentile is the speed at or below which 85 percent of the motorists feel comfortable travelling under the existing roadway conditions.

Toronto Police Service collision records for a three-year period ending December 31, 2008, indicate that there have been no reported collisions on Wellesworth Drive where speed was indicated as a contributing factor.

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. Wellesworth Drive satisfies the Road Width and both the Pedestrian and Road/Traffic Environment criteria as set in the attached Appendix A, since there are various curves on this road and two schools that abut the street.

Given the fact that the warrant criteria are met, it is prudent to reduce the speed limit on the existing 50 km/h sections on Wellesworth Drive to reflect these conditions and therefore staff is recommending a 40 km/h speed limit on the entire length of Wellesworth Drive between The West Mall and Inverdon Road.

**CONTACT**

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**SIGNATURE**

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John Niedra, P.Eng.

Director, Transportation Services-Etobicoke York District

**ATTACHMENTS**

Appendix A

Attachment 1: Map

**APPENDIX A  
40 km/h Speed Limit Warrant**

**Wellesworth Drive**

<b>A. ROAD WIDTH</b>		
1.	(i)	Pavement width equal to or greater than 10.5 metres and the 85 <sup>th</sup> percentile speed is equal to or less than 50 km/h
<b>OR</b>		
	(ii)	Pavement width less than 10.5 metres
		<i>PAVEMENT WIDTH: 10.0 metres</i> <i>85<sup>TH</sup> PERCENTILE SPEED: 52km/h</i>
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

**AND**

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

**OR**

<b>C. ROAD AND TRAFFIC ENVIRONMENT</b>		
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"/>
<b>OR</b>		
	(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"/>
<b>OR</b>		
	(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"/>