



## STAFF REPORT ACTION REQUIRED

### Dixfield Drive - Speed Limit Amendment

<b>Date:</b>	April 4, 2007
<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>	eycc07061 - 4385

#### SUMMARY

The purpose of this report is to obtain approval to extend the existing 40 km/h speed limit on Dixfield Drive to include the entire length of this road between the north and south intersections of Wellesworth Drive.

Currently, the section of Dixfield Drive between Wellesworth Drive (north intersection) and Odessa Avenue has a posted speed limit of 40 km/h. The remaining section of road between Odessa Avenue and the south intersection of Wellesworth Drive has a legal speed limit of 50 km/h. However, as the 40 km/h Speed Limit Warrant requirements are achieved for the entire length of Dixfield Drive, a 40 km/h speed limit is recommended on Dixfield Drive between the north and south intersections of Wellesworth Drive.

#### RECOMMENDATIONS

**Transportation Services recommends that:**

1. City Council approve a 40 km/h speed limit on Dixfield Drive between Wellesworth Drive (north intersection) and Wellesworth Drive (south intersection) 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

Speed studies were conducted on Dixfield Drive, as a result of a request from an area resident. Transportation Services staff applied the speed study results to the 40 km/h Speed Limit Warrant. A map of the area is Attachment No. 1.

## COMMENTS

Dixfield Drive is a local road located in the residential community north of Rathburn Road and west of The West Mall. There are sidewalks located on both sides of the street. The pavement width on Dixfield Drive is 8.5 metres.

The legal speed limit on Dixfield Drive is 40 km/h between Wellesworth Drive (north intersection) and Odessa Avenue. The section of Dixfield Drive between Odessa Avenue and the south intersection of Wellesworth Drive has a legal speed limit of 50 km/h.

Wellesworth Public School is located at 255 Wellesworth Drive, at the south-east corner of the north intersection of Dixfield Drive and Wellesworth Drive. Wellesworth Park is located on the west side of the north-south section of Dixfield Drive.

An automatic speed and volume study was conducted on Dixfield Drive, in the area of Wellesworth Park. The study results revealed an 85<sup>th</sup> percentile speed of 48 km/h. The 85<sup>th</sup> percentile is the speed at or below which the majority of motorists feel comfortable travelling under the existing roadway conditions. The traffic volume on this road is approximately 2,300 vehicles per day.

Under the current Council policy, 40 km/h speed limits may be implemented on streets where Road Width and either Pedestrian or Road and Traffic Environment criteria are met. Dixfield Drive satisfies the Road Width and both the Pedestrian and Road & Traffic Environment criteria as set in the table in **Appendix A**. There is an elementary school that abuts Dixfield Drive. In addition, there is parkland that abuts the road which is contiguous to, and used to gain access to the elementary school. Furthermore, there is more than one curve on Dixfield Drive.

Based on the 40 km/h warrant being met, staff recommends the existing 40 km/h speed limit on Dixfield Drive be extended to include the entire length of Dixfield Drive between the north and south intersections of Wellesworth Drive.

## **CONTACT**

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## **SIGNATURE**

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

## **ATTACHMENTS**

Attachment No 1: Appendix A  
Attachment No. 2: Map

## APPENDIX A

### Warrants for 40 km/h Speed Limit – Dixfield 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	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<b>OR</b>			
	(ii)	Pavement width less than 10.5 metres	
PAVEMENT WIDTH: 8.5 metres 85 <sup>TH</sup> PERCENTILE SPEED: 48 km/h			
<b>AND</b>			
<b>B. PEDESTRIAN ENVIRONMENT</b>			
1.	(i)	Elementary or junior high school abuts the road Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	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 checked="" type="checkbox"/> No <input 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"/>	
<b>OR</b>			
<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"/>	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"/>	