



## STAFF REPORT ACTION REQUIRED

### Riverview Heights – Speed Limit Amendment

<b>Date:</b>	September 17, 2008
<b>To:</b>	Etobicoke York Community Council
<b>From:</b>	Director, Transportation Services - Etobicoke York District
<b>Wards:</b>	Ward 2 – Etobicoke North
<b>Reference Number:</b>	P:\2008Cluster B\TRA\Etobicoke York\eycc080138-to

#### SUMMARY

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This staff report is about a matter for which the community council has delegated authority from City Council to make a final decision.

Speeding was expressed as a concern by residents of Riverview Heights at a meeting held with Transportation Services staff and Councillor Rob Ford, Ward 2, Etobicoke North. As a result, speed studies were conducted on this street.

The purpose of this report is to present the results of this speed study and recommend installation of a 40 km/h speed limit on Riverview Heights as this is consistent with the 40 km/h Speed Limit Warrant. This report will also present the results of an investigation for the installation of an all-way stop control at the intersection of Riverview Heights and Inchcliffe Crescent. The installation of an all-way stop control does not achieve the minimum warrant requirements at this intersection due to very low traffic volumes and a good safety record.

In addition, residents also expressed concerns with motorists from Weston Golf and Country Club, located immediately opposite Riverview Heights, travelling onto this road and cutting through this community. These movements will be prohibited as part of this report.

#### RECOMMENDATIONS

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

1. A 40 km/h speed limit on Riverview Heights between St. Phillips Road and Dixon Road, as the requirements of the 40 km/h Speed Limit Warrant are achieved.

2. A “No Through Movement” prohibition anytime for southbound traffic from the driveway of Weston Golf and Country Club onto Riverview Heights.

### Financial Impact

Type of Funding	Source of Funds	Amount
Available within current budget	Transportation Services Operating Budget	\$1200.00

### ISSUE BACKGROUND

Transportation Service staff attended a meeting with Councillor Rob Ford, Ward 2, Etobicoke North and area residents to investigate speeding concerns and the feasibility of implementing an all-way stop control at the intersection of Riverview Heights and Inchcliffe Crescent. Also requested was the prohibition of cars entering the road from Weston Golf Club, located on St. Phillips Road, immediately opposite Riverview Heights. A map of the area is Attachment No. 1.

### COMMENTS

Riverview Heights and Inchcliffe Crescent are local residential roads located in the community between St. Phillips Road and Dixon Road, east of Royal York Road. Limited access is provided to this street with right turns only entering from St. Phillips Road (left turns are prohibited). At Dixon Road, Riverview Heights is intended only for traffic exiting the street (no entry). Both streets have 50 km/h speed limits, but no sidewalk. A centreline has recently been recommended on Riverview Heights.

Speed studies were conducted on Riverview Heights over five consecutive days in August 2008. These studies revealed an 85<sup>th</sup> percentile speed of 42 km/h for both directions of traffic. The 85<sup>th</sup> percentile is the speed at or below which the majority of motorists feel comfortable travelling given the prevailing conditions. The average daily traffic volume we recorded was 149 vehicles.

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. Riverview Heights satisfies the Road Width and Pedestrian Environment criteria as set in Appendix A-1 – Table 2 attached, since there is no sidewalk on the road. It is prudent to reduce the speed limit to reflect this condition.

The justification for the installation of an all-way stop control is based on a technical warrant adopted by Toronto City Council based on collision history and traffic volume. Our study results are summarized in Appendix A – Table 1. The technical warrants for the installation of an all-way stop control are not met in this instance and no conflicts were observed during our investigation with motorists appearing to be confused as to the right of way.

A review of the Toronto Police Service collision records over a five-year period ending December 31, 2007, has shown that there has been one reported collision on

Riverview Heights over this time period. This incident involved a car parked on the street being hit by a neighbour's truck.

We also recorded the number of motorists violating the left turn prohibition on St. Phillips Road entering onto Riverview Heights. Over our five-hour study, 3 motorists performed this movement. In addition, as expressed as a concern by residents, we also recorded the number of motorists who would turn right from St. Phillips Road, into the golf club driveway opposite Riverview Heights, and then proceed straight through onto Riverview Heights to circumvent the left turn prohibition. Throughout our five-hour study, we did not observe any motorists performing this specific movement; however, we did record two motorists who, after exiting the golf club driveway, proceeded straight through onto Riverview Heights. Although this movement is not currently prohibited with regulatory signs, the curbs on Riverview Heights indicate this road is only for right turns from St. Phillips Road.

## **CONTACT**

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## **SIGNATURE**

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

## **ATTACHMENTS**

Attachment No 1: Map  
Appendix A: Table 1  
Appendix A-1: Table 2

## APPENDIX A – TABLE 1

### Warrants for All-way “Stop” Sign Control

Study location: Riverview Heights and Inchcliffe Crescent

Four-Hour Study Period	Total Approach Vehicle Volume	Vehicle/Pedestrian Volume Crossing Major Road	Unit Volume Split Major/Minor Roads
Study Period Average	20	11	43/57
Warrant Requirements for Study Period Average	$\geq 250$	$\geq 100$	$\geq 30/70$ or $\leq 70/30$

To warrant the installation of an all-way stop control, the traffic volume requirements for the “Study Period Average” must be completely satisfied in either of the following two combinations:

1. “Total Approach Vehicle Volume” & “Unit Volume Split – Major/Minor Roads”  
or
2. “Vehicle/Pedestrian Volume Crossing Major Road” & “Unit Volume Split-Major/Minor Roads”

## APPENDIX A-1 – TABLE 2

### 40 Km/h Speed Limit Warrant – Riverview Heights

<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: 42 km/h	
<b>AND</b>		
<b>B. PEDESTRIAN ENVIRONMENT</b>		
1.	(i) Elementary or junior high school abuts the road Yes <input type="checkbox"/> No <input checked="" 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 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 checked="" type="checkbox"/> No <input 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 type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" 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>		
	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"/>	