



STAFF REPORT ACTION REQUIRED

Speed Limit Amendment – Hadrian Drive

Date:	January 18, 2013
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 2 – Etobicoke North
Reference Number:	p:\2013\Cluster B\TRA\EtobicokeYork\eycc130021-to

SUMMARY

This staff report is about a matter that Community Council has delegated authority from City Council to make a final decision.

The purpose of this report is to obtain approval to extend the 40 km/h speed limit on Hadrian Drive to include the entire length of the road between Burrard Road and the east limit of the roadway.

RECOMMENDATIONS

Transportation Services recommends that Etobicoke York Community Council approve:

1. Rescinding the 40 km/h speed limit on Hadrian Drive between Burrard Road and Burchell Road.
2. Enacting a 40 km/h speed limit on Hadrian Drive between Burrard Road and the east limit of Hadrian Drive.

Financial Impact

Type of Funding	Source of Funds	Amount
Available within current budget	Transportation Services Operating Budget	\$600.00

ISSUE BACKGROUND

Transportation Services staff received a request from an area resident to investigate vehicle operating speeds on Hadrian Drive. In response, speed studies were conducted by Transportation Services staff on Hadrian Drive, east of Burchell Road. The study results were applied to the 40 km/h Speed Limit Warrant. A map of the area is Attachment 1.

COMMENTS

Hadrian Drive is a two-lane 8.5 metres wide road classified in the City's Road Classification System as a "Local" road. This street is located in the residential community east of Islington Avenue and north of Highway 401. Hadrian Drive has an urban cross-section (including curb and gutter) with sidewalks on both sides of the street from Burrard Road to east of Chalfont Road. A sidewalk continues on the north side of the street eastward to Esmond Crescent and then terminates. The posted speed limit on the street is 40 km/h from Burrard Road to Burchell Road. East of Burchell Road, the speed limit changes to 50 km/h.

A speed and volume study was conducted on Hadrian Drive, east of Burchell Road. Our study results reveal an overall 85th percentile speed of 49 km/h. The 85th percentile speed is the vehicle operating speed at or below which 85 per cent of all traffic is moving.

Toronto Police Service collision records for a five-year period ending December 31, 2011, indicate a good safety record on this roadway with no reported collisions where speed was indicated as a contributing factor.

Under current Council policy, 40 km/h speed limits may be introduced on streets where the road width and either pedestrian or road and traffic environment criteria are satisfied. Hadrian Drive satisfies the warrant criteria attached in Appendix A: Table 1, based on the combination of the road width and pedestrian environment.

Based on the 40 km/h speed limit warrant being met, staff recommends that the current speed limit on Hadrian Drive, between Burchell Road and the east limit, be lowered from 50 km/h to 40 km/h. This proposed speed limit amendment will allow for a uniform speed limit on Hadrian Drive.

CONTACT

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SIGNATURE

Steven T. Kodama P.Eng.

Director, Transportation Services - Etobicoke York District

ATTACHMENTS

Appendix A: 40 km/h Speed Limit Warrant

Attachment 1: Map

APPENDIX A

40 Km/h Speed Limit Warrant – Hadrian 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
OR		
	(ii)	Pavement width less than 10.5 metres
		<i>PAVEMENT WIDTH: 8.5 metres</i> <i>85TH PERCENTILE SPEED: 49 km/h</i>
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

AND

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