



**STAFF REPORT
ACTION REQUIRED**

Speed Limit Amendment – Hearst Circle

Date:	May 20, 2016
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 12 – York South - Weston
Reference Number:	p:\2016\Cluster B\TRA\EtobicokeYork\eycc160091-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 reduce the speed limit on Hearst Circle from 50 km/h to 40 km/h.

RECOMMENDATIONS

Transportation Services recommends that Etobicoke York Community Council:

1. Reduce the speed limit from 50 km/h to 40 km/h on Hearst Circle.

Financial Impact

The estimated cost for amending the signs is \$800.00. These funds are included within the Transportation Services 2016 Operating Budget.

ISSUE BACKGROUND

Transportation Services staff received a request from the area Councillor, on behalf of the residents of Hearst Circle, to investigate vehicle operating speeds on Hearst Circle. In response, speed studies were conducted and the study results applied to the 40 km/h Speed Limit Warrant. A map of the area is Attachment 1.

COMMENTS

Hearst Circle is a two-lane 7.2 metres wide road classified in the City's Road Classification System as a "Local" roadway. This street is located in a residential community north of Trethewey Drive and east of Jane Street. Hearst Circle has an urban cross-section (curb and gutter) with sidewalks on the majority of both sides of the street. The legal speed limit on the street is 50 km/h. Harding Park is located at the northwest end and Hearst Circle Parkette is situated on the southeast end of Hearst Circle.

A speed and volume study was conducted on Hearst Circle, at Chiswick Avenue and at Kemp Square. Study results reveal an overall 85th percentile speed of 42 km/h and 40 km/h respectively. 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 three-year period ending December 31, 2015, indicate a good safety record on Hearst Circle with no reported speed related collisions.

Under current Council policy, 40 km/h speed limits may be introduced on streets that meet specific requirements. Hearst Circle satisfies the warrant criteria – specifically: (1) *Road Width* and (2) *Road and Traffic Environment*. Details of these provisions can be found on Appendix A: Table 1.

Transportation staff recommends that the current speed limit on Hearst Circle, be lowered from 50 km/h to 40 km/h based on applying the 40 km/h Speed Limit Warrant.

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 – Hearst Circle
Attachment 1: Map

APPENDIX A

40 Km/h Speed Limit Warrant – Hearst Circle

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	
<i>PAVEMENT WIDTH: 7.2 metres</i> <i>85TH PERCENTILE SPEED: 42 km/h</i>			

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)	<i>Absence of sidewalk on both sides of the road or a major portion of the road</i> 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)	<i>Pattern of collisions where vehicle speed was identified as a factor</i> <i>Local streets – 3 or more over 3 years</i> <i>Other streets – 5 or more over 3 years</i> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	