



**STAFF REPORT
ACTION REQUIRED**

Marine Parade Drive - Speed Limit Amendment

Date:	November 7, 2007
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 6 – Etobicoke-Lakeshore
Reference Number:	p:\2007\Cluster B\TRA\EtobicokeYork\eycc070183-to – AFS6045

SUMMARY

This staff report is about a matter for which the 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 from 50 km/h to 40 km/h on the entire length of Marine Parade Drive between the east and west intersections of Lake Shore Boulevard West.

Installing a 40 km/h speed limit on Marine Parade Drive is consistent with the 40 km/h Speed Limit Warrant. Approval of this report will result in a 40 km/h speed limit being posted on Marine Parade Drive between the east and west intersections of Lake Shore Boulevard West.

RECOMMENDATIONS

Transportation Services recommends that Etobicoke York Community Council approve:

1. A 40 km/h speed limit on Marine Parade Drive between the east and west intersections of Lake Shore Boulevard West, 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	\$1,000.00

ISSUE BACKGROUND

In response to concerns raised by residents of the Humber Bay Shores Community regarding the speed of vehicular traffic on Marine Parade Drive, Transportation Services staff conducted speed studies on Marine Parade Drive and applied the results to the 40 km/h Speed Limit Warrant. A map of the area is Attachment No. 1.

COMMENTS

Marine Parade Drive is a local road in the residential community east of Park Lawn Road and south of Lakeshore Boulevard West. The traffic volume on this road is approximately 2,400 vehicles per day.

The speed limit on this street is currently 50 km/h. Traffic control signals exist at the intersection of Lake Shore Boulevard West and Marine Parade Drive/Park Lawn Road. A stop control is located on Marine Parade Drive at the east intersection of Lake Shore Boulevard West and Marine Parade Drive.

The road width on Marine Parade Drive ranges between 10.0 and 17.3 meters (just north of the median divided section). There are sidewalks on at least one side of the road for the majority of Marine Parade Drive. There are two curves in the road.

A number of high rise condominiums are located on the west side of Marine Parade Drive. The Waterfront Trail runs off-road along the east side of Marine Parade Drive. Humber Bay Park East is located in the immediate area and can be accessed from Marine Parade Drive.

Automatic speed and volume studies were conducted mid-block on the straight aligned section of Marine Parade Drive. These study results revealed an operating or 85th percentile speed of 58 km/h. The 85th percentile is the speed at or below which the majority of motorists feel comfortable travelling under the existing roadway conditions.

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. Marine Parade Drive satisfies the Road Width and Road and Traffic Environment criteria as set in Appendix A – Table 1 attached. Since there are two curves on Marine Parade Drive, it is prudent to reduce the speed limit. The complete results are shown in Appendix A attached.

In addition to the results of the 40 km/h speed limit warrant analysis, a lower speed limit is also justified based on the significant amount of pedestrian traffic that exists within the Marine Parade Drive road allowance. The majority of this traffic is being generated by the Waterfront Trail and Humber Bay Park East.

Based on the aforementioned, a 40 km/h speed limit is recommended on the entire length of Marine Parade Drive between the east and west intersections of Lake Shore Boulevard West.

CONTACT

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SIGNATURE

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

ATTACHMENTS

Appendix A – 40 km/h Speed Warrant
Attachment No. 1: Map

APPENDIX A

40 Km/h Speed Limit Warrant – Marine Parade 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	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
OR			
	(ii)	Pavement width less than 10.5 metres	
PAVEMENT WIDTH: 10.0 – 17.3 metres 85 TH PERCENTILE SPEED: 58 km/h			
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)	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"/>	
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)	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"/>	