TORONTO

STAFF REPORT
ACTION REQUIRED

Traffic Concerns – Marine Parade Drive and Waterfront Drive

Date:	July 30, 2015
To:	Etobicoke York Community Council
From:	Director, Transportation Services - Etobicoke York District
Wards:	Ward 6 – Etobicoke-Lakeshore
Reference Number:	p:\2015\Cluster B\TRA\EtobicokeYork\eycc150135-to

SUMMARY

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

The purpose of this report is to present the findings of an investigation regarding a request for the installation of an all-way stop control at the intersection of Marine Parade Drive and Waterfront Drive. A staff assessment concludes that the criteria for installing an all-way stop at this location are not achieved.

RECOMMENDATIONS

Transportation Services recommends to Etobicoke York Community Council that:

1. An all-way stop control NOT be installed at the intersection of Marine Parade Drive and Waterfront Drive.

Financial Impact

There are no financial implications resulting from the adoption of this report; however, if Community Council decides to approve installing all-way stop controls the following financial impact will result:

The estimated cost for the installation of the all-way stop control is $600.00. These funds are included within the Transportation Services 2015 Operating Budget.

ISSUE BACKGROUND

Transportation Services investigated a request from Humber Bay Shores Condominium Association (HBSCA) and the area Councillor, to investigate the feasibility of installing an all-way stop control at the intersection of Marine Parade Drive and Waterfront Drive. The request is the result of concerns with respect to safety at this location. A map of the area is Attachment 1.

COMMENTS

Marine Parade Drive is a collector road in the residential community east of Park Lawn Road and south of Lakeshore Boulevard West. There are sidewalks on both sides of the road in the area of Waterfront Drive. The legal speed limit on Marine Parade Drive is 40 km/h. Waterfront Drive is a one-way (Southbound) local road with a 40 km/h speed limit. The intersection is controlled by stop control on Waterfront Drive.

The justification for the installation of an all-way stop control is subject to a technical warrant adopted by Toronto City Council based on collision history and traffic volume. Based on the findings of our studies, the intersection of Marine Parade Drive and Waterfront Drive does not meet the necessary criteria for all-way stop controls. Our studies results are summarized in Appendix A.

Toronto Police Service collision records for a three-year period (October 31, 2010 – October 31, 2013) for which we have complete data revealed there have been two reported collisions at the intersection which would be considered preventable with the installation of all-way stop controls.

Based on the non-compliance of the warrants, we do not recommend installing all-way stop controls at the intersection of Marine Parade Drive and Waterfront Drive.

CONTACT

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SIGNATURE

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Vincent Sferrazza
Director, Transportation Services - Etobicoke York District

ATTACHMENTS

Appendix A
Attachment 1: Map

APPENDIX A

Warrant for All-Way Stop Control

Study location: Marine Parade Drive and Waterfront Drive

Study Date Tuesday, March 10, 2015

Four-Hour Study Period	Total Approach Vehicle Volume	Vehicle/Pedestrian Volume Crossing Major Road	Unit Volume Split Major/Minor Roads
7:30 a.m. to 8:30 a.m.	136	53	61/39
8:30 a.m. to 9:30 a.m.	275	93	67/33
3:00 p.m. to 4:00 p.m.	150	58	64/36
4:00 p.m. to 5:00 p.m.	179	45	76/24
Study Period Average	**185**	**62**	**67/33**
Warrant Requirements For Study Period Average	*≥ 375*	*≥ 150*	*≥ 30/70 or ≤ 70/30*

Study Date Sunday, May 24, 2015

Four-Hour Study Period	Total Approach Vehicle Volume	Vehicle/Pedestrian Volume Crossing Major Road	Unit Volume Split Major/Minor Roads
7:30 a.m. to 8:30 a.m.	185	92	55/45
8:30 a.m. to 9:30 a.m.	280	115	64/36
3:00 p.m. to 4:00 p.m.	276	114	65/35
4:00 p.m. to 5:00 p.m.	255	99	65/35
Study Period Average	**249**	**105**	**63/37**
Warrant Requirements For Study Period Average	*≥ 375*	*≥ 150*	*≥ 30/70 or ≤ 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 of the above three categories:

1. **"Total Approach Vehicle Volume"** and **"Unit Volume Split – Major/Minor Roads"**

or

2. **"Vehicle/Pedestrian Volume Crossing Major Road"** and **"Unit Volume Split - Major/Minor Roads"**