

Traffic Calming - Baycrest Avenue

Date: May 17, 2017

To: North York Community Council

From: Acting Director, Transportation Services, North York District

Wards: Ward 16 - Eglinton-Lawrence

SUMMARY

This staff report is about a matter for which Community Council has delegated authority to make a final decision, provided that it is not amended so that it varies with City policy or by-laws.

Transportation Services is reporting on the results of our traffic calming measures (speed humps) investigation on Baycrest Avenue between Rajah Street and Bathurst Street.

The results of the traffic calming assessment on Baycrest Avenue between Rajah Street and Bathurst Street indicate that the minimum requirements of the traffic calming warrant have not been achieved.

RECOMMENDATIONS

The Acting Director, Transportation Services, North York District recommends that North York Community Council:

1. Deny the installation of speed humps on Baycrest Avenue between Rajah Street and Bathurst Street.

FINANCIAL IMPACT

There are no financial impacts associated with the adoption of the recommendations of this staff report.

If, however, North York Community Council decides speed humps on Baycrest Avenue between Rajah Street and Bathurst Street would be beneficial, the following financial impact will result:

The estimated cost for installing speed humps would be \$3,200 each. Approximately two speed humps would be required, totalling \$6,400. Funds in the amount of \$298,000 have been approved in Transportation Services' 2017 Capital Budget submission for traffic calming initiatives; however, all funds have been fully allocated. Installing speed humps on this section of Baycrest Avenue would be subject to competing priorities and funding availability in 2018.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services was requested by the Ward Councillor on behalf of the local residents to investigate the feasibility of installing traffic calming measures (speed humps) on Baycrest Avenue between Rajah Street and Bathurst Street.

The residents' are concerned that motorists are travelling at a high rate of speed on Baycrest Avenue.

Baycrest Avenue is designated as a one-way eastbound local road between Rajah Street and Khedive Avenue and a two-way east/west local road between Khedive Avenue and Bathurst Street with a regulatory speed limit of 50 km/h. Municipal sidewalks are located on both sides of the road between Bathurst Street and Khedive Avenue and on the south side for the remaining portion of Baycrest Avenue. The pavement width is approximately 8.5 metres.

To identify the existing traffic conditions, 24-hour speed and volume studies were conducted on Baycrest Avenue between Rajah Street and Khedive Avenue on May 13, 2015 and between Khedive Avenue and Bathurst Street on March 22, 2012.

The following table identifies the results of those studies:

Table 1 - Speed and Volume Counts on Baycrest Avenue between Rajah Street and Bathurst Street:

Locations on Baycrest Avenue	Dir	Speed Limit	Vehicle Speeds		Traffic Volume		
			Operating	Average	AM	PM	24 Hr
Between Rajah St and Khedive Ave	EB	50 km/h	51	43	128	89	1154
Between Khedive Ave and Bathurst St	EB	50 km/h	45	37	121	198	1873

Results of the vehicle speed studies confirm that the operating speed, the speed at which 85% of the motorists are travelling at or below, is 51 km/h, and the average vehicle speeds are at or below 43 km/h.

In reviewing the traffic data collected as part of this investigation, the "Technical Requirements" warrant of the Traffic Calming Policy is not satisfied. Specifically operating speeds must be greater than 10 km/h over the regulatory speed limit.

A review of Toronto Police Services collision records for a three-year period ending March 31, 2017 did not find any reported collisions on Baycrest Avenue attributed to speeding.

In view of the above, our Division does not support the implementation of speed humps on Baycrest Avenue between Rajah Street and Bathurst Street.

Alternate Recommendations

If, despite the findings above, North York Community Council determines that installing speed humps on Baycrest Avenue between Rajah Street and Bathurst Street would be beneficial, it may approve the following:

1. The Director of Transportation Services, North York District to request the City Clerk to poll eligible householders on Baycrest Avenue between Rajah Street and Bathurst Street, to determine whether residents support the installation of traffic calming, in accordance with the City of Toronto Traffic Calming Policy.
2. Transportation Services to develop and provide a Traffic Calming Speed Hump plan to the City Clerk to be included with the poll.
3. Subject to favourable results of the poll:
 - a. Approve the required alterations to sections of the roadway on Baycrest Avenue between Rajah Street and Bathurst Street, for traffic calming purposes; and
 - b. Approve the reduction of the speed limit from 50 km/h to 40 km/h on Baycrest Avenue between Rajah Street and Bathurst Street, when speed humps are installed.

The Ward Councillor is aware of the recommendations of this staff report.

CONTACT

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SIGNATURE

Peter K. Hillier
Acting Director

ATTACHMENTS

Attachment 1: Map - Traffic Calming: Baycrest Avenue