Traffic Calming: Edinburgh Drive

Date: January 25, 2013
To: North York Community Council
From: Acting Director, Transportation Services, North York District
Wards: Ward 10 – York Centre
Reference Number: ny13031 P:\2013\Cluster B\TRA\NorthYorkDistrict

SUMMARY

This staff report is about a matter that 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.

The purpose of this staff report is to report the results of a traffic calming poll that was undertaken by City Clerk's office and to present staff recommendation on this matter.

The results of a traffic calming poll regarding Edinburgh Drive between Bathurst Street and Westgate Boulevard were favourable; however, the technical requirements for the installation of the traffic calming measures (speed humps) were not satisfied.

RECOMMENDATIONS

Transportation Services, North York District recommends that North York Community Council:

1. Deny the installation of traffic calming measures (speed humps) on Edinburgh Drive between Bathurst Street and Westgate Boulevard.

Financial Impact

There are no financial impacts associated with the adoption of this report.
ISSUE BACKGROUND

Transportation Services, North York District, was requested by the Ward Councillor, on behalf of local residents, to investigate the feasibility of introducing traffic calming measures (speed humps) on Edinburgh Drive between Bathurst Street and Westgate Boulevard.

North York Community Council at its meeting on October 10, 2012, adopted item NY19.14 dealing with a motion by the Ward Councillor. In adopting this item, City Clerk's office was requested to conduct a poll of eligible residents of Edinburgh Drive for the installation of speed humps and that subject to a favourable poll that a road alteration by-law be prepared for Edinburgh Drive from Bathurst Street to Westgate Boulevard.

Given that the wording of the motion that was adopted by North York Community Council did not include the reduction of the speed limit on Edinburgh Drive from 50 km/h to 30 km/h between Bathurst Street and Westgate Boulevard, consideration of this matter is required by North York Community Council.

COMMENTS

Edinburgh Drive is designated as a local road with a regulatory speed limit of 50 km/h between Bathurst Street and Westgate Boulevard. There are no sidewalks on Edinburgh Drive. This roadway is predominantly comprised of single family homes, with the exception of the religious institution and low rise apartment on the northeast corner and southeast corner of the intersection of Bathurst Street and Edinburgh Drive, respectively.

To identify existing traffic conditions, 24-hour speed and volume studies were conducted on Edinburgh Drive between Bathurst Street and Westgate Boulevard on August 2, 2012. The following table identified the results of those studies:

<table>
<thead>
<tr>
<th>Edinburgh Drive</th>
<th>Dir</th>
<th>Speed Limit (km/h)</th>
<th>Operating Average</th>
<th>Traffic Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bathurst Street to Westgate Boulevard</td>
<td>EB</td>
<td>50</td>
<td>53 41</td>
<td>AM Peak</td>
</tr>
<tr>
<td></td>
<td>WB</td>
<td>39 37</td>
<td>19 21</td>
<td>270</td>
</tr>
</tbody>
</table>

Results of the vehicle speed studies confirm that operating speeds, the speed at which 85% of the eastbound/westbound motorists are travelling at or below is 53/39 km/h and average speeds are less than 41/37 km/h respectively.

In reviewing the traffic data collected as part of this investigation, the "Technical Requirement" warrant of the Traffic Calming Policy is not satisfied. Specifically, the operating speeds for each direction must be greater than 10 km/h over the warranted speed limit.
A review of the Toronto Police Service collision statistics indicated that there have been zero collisions involving pedestrians or speed related, in the preceding three years ending August 31, 2012.

City Clerk's office has advised that North York Community Council endorsed the installation of four speed humps on Edinburgh Drive, subject to favourable poll. The City's Traffic Calming Policy stipulates that a formal poll of affected households be conducted, that a minimum of 50% plus one of the affected households respond, and that 60% of valid responses support the proposal in order to implement the plan.

To satisfy the requirements of North York Community Council, a total of 107 ballots were mailed out. The following are the results of the poll:

<table>
<thead>
<tr>
<th>Description</th>
<th>Calculations/Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Ballots issued</td>
<td>107</td>
</tr>
<tr>
<td>Number of Ballots returned by Canada Post</td>
<td>1</td>
</tr>
<tr>
<td>Number of Ballots received</td>
<td>71</td>
</tr>
<tr>
<td>Number of spoiled Ballots</td>
<td>2</td>
</tr>
<tr>
<td>Number in favour of speed humps</td>
<td>43 (62%)</td>
</tr>
<tr>
<td>Number opposed to speed humps</td>
<td>26 (38%)</td>
</tr>
</tbody>
</table>

The results of the poll indicate there was sufficient neighbourhood response 66% (50% plus 1 required) of which 62% were in favour of the installation of speed humps on Edinburgh Drive.

In view of the technical requirements for the installation of traffic calming not being warranted for Edinburgh Drive, between Bathurst Street and Westgate Boulevard, this Division is unable to recommend the installation of the requested traffic calming (speed humps and 30km/h speed limit).

Notwithstanding, should North York Community Council support the installation of traffic calming measures (speed humps) on Edinburgh Drive, a maximum of four speed humps can be installed Edinburgh Drive between Bathurst Street and Westgate Boulevard as follows:

- Fronting 3887A Bathurst Street (on Edinburgh Drive)
- Fronting 34 Edinburgh Drive;
- Fronting 21 Edinburgh Drive; and
- Fronting 86 Edinburgh Drive

It should also be noted that the maximum speed limit of Edinburgh Drive should also be reduced to 30 km/h to coincide with the installation of the speed humps.

The Ward Councillor has been advised of the recommendations contained within this staff report.
CONTACT

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SIGNATURE

Pascoal D'Souza, C.E.T.
Acting Director

ATTACHMENTS

Attachment 1: Map – Edinburgh Drive, Traffic Calming (Speed Humps)
Attachment 2: Map – Edinburgh Drive, Speed Hump Location Plan (NY-2020)
Attachment 3: Map – Edinburgh Drive, Speed Hump Warrant Summary