All Way Stop Control: Overbrook Place and Shaftesbury Street

Date: June 29, 2014
To: North York Community Council
From: Director, Transportation Services, North York District
Wards: Ward 10 – York Centre
Reference Number: p:/2014/ClusterB/TRA/NorthYork/ny14087

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.

To deny the request for the installation of an All Way Stop Control at the intersection of Overbrook Place and Shaftesbury Street.

RECOMMENDATIONS

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

1. Deny the installation of an All Way Stop Control at the intersection of Overbrook Place and Shaftesbury Street.

Financial Impact

There are no financial implications to this report.
ISSUE BACKGROUND

Transportation Services, North York District, was requested by the Ward Councillor on behalf of a resident of the area to review the feasibility of installing an All Way Stop Control at the intersection of Overbrook Place and Shaftesbury Street.

COMMENTS

Overbrook Place is designated as a collector road with a regulatory speed limit of 50 km/h. Shaftesbury Street is designated as a local roadway with a regulatory speed limit of 50 km/h to the north and 40 km/h to the south. Currently, northbound and southbound traffic on Shaftesbury Street are required to stop at Overbrook Place. Municipal sidewalks are present on both sides of the roadway.

The land development around the intersection is primarily single family homes with the exception of the southwest corner where there is a synagogue. To the south of the intersection is the playground area (fenced in) and parking lot access to the Community Hebrew Academy of Toronto School.

To assess the existing traffic conditions at the intersection of Overbrook Place and Shaftesbury Street, this Division recently conducted an All Way Stop study, assessed the existing roadway geometry and collected intersection collision statistics.

The results of the study are as follows:

<table>
<thead>
<tr>
<th>Overbrook Place &amp; Shaftesbury Street</th>
<th>Actual</th>
<th>Required</th>
<th>Satisfied (YES/NO)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Collision History</td>
<td>2/3 yrs</td>
<td>9/3 yrs</td>
<td>NO</td>
</tr>
<tr>
<td>B1 Total Vehicle Volumes</td>
<td>352</td>
<td>375/avg hr</td>
<td>NO</td>
</tr>
<tr>
<td>B2 Combined Vehicle &amp; Pedestrian Volumes Crossing Major Road</td>
<td>47</td>
<td>150/avg hr</td>
<td>NO</td>
</tr>
<tr>
<td>B3 Percentage of Traffic on Major Road</td>
<td>87</td>
<td>≤ 70</td>
<td>NO</td>
</tr>
</tbody>
</table>

Overall Warrant NO

In order for the All Way Stop "Overall Warrant" to be warranted either Warrant A must be met or Warrant B1 or B2 combined with Warrant B3 must be achieved.

The results of the All Way Stop Study conclude that the warrants for the installation of an All Way Stop Control were not satisfied given that the Collision History (2) and Total Vehicle Volumes (352) or Combined Vehicles & Pedestrian Volumes Crossing Major Road (47) did not exceed the required threshold.

A review of Toronto Police Service collision records revealed that in a three year period ending December 31, 2013, there have been two collisions at this intersection of a type susceptible to correction by the installation of an All Way Stop Control.
Additionally, motorists and pedestrians sightlines were found to be clear and unobstructed for all approaches.

Traffic engineering studies has shown that the installation of unwarranted stop signs may lead to a high level of non-compliance, which may result in an increase in the number of collisions and the reduction in the level of safety for both motorists and pedestrians. The principle purpose of the installation of an all way stop control is to control the right-of-way movements within the limits of the intersection and not as a speed control.

In view of the above, Transportation Services does not support the installation of an All Way Stop Control at the intersection of Overbrook Place Avenue and Shaftesbury Street.

The Ward Councillor has been advised of the recommendation of this staff report.

CONTACT

Jack Sinopoli
Supervisor, Traffic Operations
Transportation Services Division, North York District
Tel: 416-395-7467 Fax: 416-395-7544
Email: jsinopol@toronto.ca

SIGNATURE

_______________________________
Kyp Perikleous
Director

ATTACHMENTS

Attachment 1: Map – Overbrook Place and Shaftesbury Street; All Way Stop