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 Combe Avenue and Shaftesbury Street.

The existing traffic and roadway conditions do not warrant the introduction of an All Way Stop Control at the intersection of Combe Avenue 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 Combe Avenue and Shaftesbury Street.

Financial Impact

There is no financial impact associated with the adoption of 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 Combe Avenue and Shaftesbury Street.

COMMENTS

Combe Avenue and Shaftesbury Street are both classified as local roads. Shaftesbury Street is designated as the through street and the traffic on Combe Avenue is required to stop at Shaftesbury Street. The posted speed limit on Combe Avenue and Shaftesbury Street is 40 km/h. There are no municipal sidewalks on Combe Avenue and Shaftesbury Street.

It should be noted that the classification of all roadways within the City of Toronto is based on the Road Classification Criteria which is part of The City of Toronto’s Road Classification System, approved by City Council in June of 2007. The Criteria takes into account various roadway characteristics. One of the factors is the average daily motor vehicle traffic volume (both directions). For a local roadway, the volume should be less than or equal to 2500 vehicles per day. Both of these roadways are in keeping with the above.

To assess the existing traffic conditions at the intersection of Combe Avenue 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></th>
<th>Combe Avenue and Shaftesbury Street</th>
<th>Actual</th>
<th>Required</th>
<th>Satisfied (YES/NO)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Collision History</td>
<td></td>
<td>1/3 yrs</td>
<td>6/3 yrs</td>
<td>NO</td>
</tr>
<tr>
<td>B1 Total Vehicle Volumes</td>
<td></td>
<td>111</td>
<td>250/avg hr</td>
<td>NO</td>
</tr>
<tr>
<td>B2 Combined Vehicle &amp; Pedestrian Volumes Crossing Major Road</td>
<td></td>
<td>49</td>
<td>100/avg hr</td>
<td>NO</td>
</tr>
<tr>
<td>B3 Percentage of Traffic on Major Road</td>
<td></td>
<td>58</td>
<td>≤ 70</td>
<td>YES</td>
</tr>
</tbody>
</table>

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.

A review of Toronto Police Service collision records revealed that in a three year period ending December 31, 2012, there has been one collision 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 Combe Avenue and Shaftesbury Street.

The Ward Councillor has been advised of the recommendations contained in the report.

CONTACT

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SIGNATURE

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Kyp Perikleous
Director

ATTACHMENTS

Attachment 1: Map – Combe Avenue and Shaftesbury Street: All Way Stop Control