STAFF REPORT
ACTION REQUIRED

All-Way Stop Control: Maxwell Street and Combe Avenue/Hove Street

<table>
<thead>
<tr>
<th>Date</th>
<th>November 25, 2014</th>
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<tbody>
<tr>
<td>To:</td>
<td>North York Community Council</td>
</tr>
<tr>
<td>From:</td>
<td>Director, Transportation Services, North York District</td>
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<tr>
<td>Wards:</td>
<td>Ward 10 – York Centre</td>
</tr>
<tr>
<td>Reference Number:</td>
<td>p:/2015/ClusterB/TRA/NorthYork/ny15010</td>
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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.

Transportation Services is requesting approval to the install an all-way stop control at the intersection of Maxwell Street and Combe Avenue/Hove Street.

The existing traffic and roadway conditions satisfy the warrant for the introduction of an all-way stop control at the above-noted intersection.

RECOMMENDATIONS

Transportation Services recommends that North York Community Council:

1. Approve the installation of an all-way stop control at the intersection of Maxwell Street and Combe Avenue/Hove Street.

Financial Impact

All costs associated with the installation of the all-way stop control are included within the Transportation Services' 2015 Operating Budget estimates.

All-way Stop Control: Maxwell St and Combe Ave
ISSUE BACKGROUND

Transportation Services was requested by the Ward Councillor on behalf of a local resident to investigate the feasibility of installing an all-way stop control at the intersection of Maxwell Street and Combe Avenue/Hove Street.

COMMENTS

Maxwell Street, Combe Avenue and Hove Street are designated as local roadways with an approximate pavement width of 8.5 metres and form a four-legged intersection. The west leg of the intersection is Combe Avenue and the east leg is Hove Street. There are no municipal sidewalks on either of the roadways. Located on three of the four corners are single family homes and on the northwest corner of the intersection is a Toronto Hydro Generating Station.

Currently, westbound and eastbound traffic on Combe Avenue is required to stop at Maxwell Street. Existing northbound and southbound traffic on Maxwell Street is free-flow and the nearest stop control is 180 metres to the south at Brighton Avenue and 425 metres to the north at Overbrook Place.

To assess existing traffic conditions at the intersection of Maxwell Street and Combe Avenue/Hove Street, the Transportation Staff conducted an all-way stop study, updated vehicle and pedestrian volumes, assessed the existing roadway geometry and collected intersection collision statistics.

The results of the study are as follows:

<table>
<thead>
<tr>
<th>Maxwell Street and Combe Avenue</th>
<th>Actual</th>
<th>Required</th>
<th>Satisfied (YES/NO)</th>
</tr>
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<tbody>
<tr>
<td>A Collision History</td>
<td>2/3 yrs</td>
<td>6/3 yrs</td>
<td>NO</td>
</tr>
<tr>
<td>B1 Total Vehicle Volumes</td>
<td>194</td>
<td>250/avg hr</td>
<td>NO</td>
</tr>
<tr>
<td>B2 Combined Vehicle &amp; Pedestrian Volumes Crossing Major Road</td>
<td>108</td>
<td>100/avg hr</td>
<td>YES</td>
</tr>
<tr>
<td>B3 Percentage of Traffic on Major Road</td>
<td>47</td>
<td>&lt; 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.

Our current review of the three-year collision history has indicated that there have been two collisions of a type susceptible to correction by the installation of an all-way stop control at the above noted intersection.

All-way Stop Control: Maxwell St and Combe Ave
Results of the all-way stop study indicate that the technical requirements have been satisfied, specifically the Combined Vehicle and Pedestrian Volumes Crossing the Major Road and the Percentage of Traffic on the Major Road.

In view of the above, Transportation Services recommends the installation of an all-way stop control at the intersection of Maxwell Street and Combe Avenue/Hove Street.

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

CONTACT

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SIGNATURE

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Jacqueline White, P.Eng.
Director

ATTACHMENTS

Attachment 1: Map – All-Way Stop Control: Maxwell St and Combe Ave