All Way Stop Control: Bartley Drive and Hobson Avenue

<table>
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<tr>
<th>Date:</th>
<th>September 14, 2012</th>
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<tbody>
<tr>
<td>To:</td>
<td>North York Community Council</td>
</tr>
<tr>
<td>From:</td>
<td>Acting Director, Transportation Services, North York District</td>
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<tr>
<td>Wards:</td>
<td>Ward 34 – Don Valley East</td>
</tr>
<tr>
<td>Reference Number:</td>
<td>ny12076_P:\2012\Cluster B\TRA\NorthYorkDistrict</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.

To obtain approval to install an All Way Stop Control at the intersection of Bartley Drive and Hobson Avenue.

The installation of an All Way Stop Control at the intersection of Bartley Drive and Hobson Avenue will address the existing right-of-way conflict for motorists and pedestrians.

**RECOMMENDATIONS**

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

1. Approve the installation of an All Way Stop Control at the intersection of Bartley Drive and Hobson Avenue.

**Financial Impact**

All costs associated with the installation of an All Way Stop Control are included within the Transportation Services Division’s 2012 Operating Budget.
ISSUE BACKGROUND

Transportation Services, North York District, has conducted an investigation on behalf of a local resident to review the feasibility of installing an All Way Stop Control at the intersection of Bartley Drive and Hobson Avenue in order to control right-of-way within the intersection and also to provide pedestrians with a protected crossing.

COMMENTS

Bartley Drive and Hobson Avenue are both classified as local roadways with a regulatory speed limit of 50km/h. Municipal sidewalks are present on both sides of Bartley Drive and Hobson Avenue.

To assess existing traffic conditions at the intersection of Bartley Drive and Hobson Avenue, this Division 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:

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<th></th>
<th>Actual</th>
<th>Required</th>
<th>Satisfied (YES/NO)</th>
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<tbody>
<tr>
<td>A Collision History</td>
<td>6/3 yrs</td>
<td>6/3 yrs</td>
<td>YES</td>
</tr>
<tr>
<td>B1 Total Vehicle Volumes</td>
<td>261</td>
<td>250/avg hr</td>
<td>YES</td>
</tr>
<tr>
<td>B2 Combined Vehicle &amp; Pedestrian Volumes Crossing Major Road</td>
<td>51</td>
<td>100/avg hr</td>
<td>NO</td>
</tr>
<tr>
<td>B3 Percentage of Traffic on Major Road</td>
<td>81</td>
<td>&lt; 70</td>
<td>NO</td>
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<tr>
<td>Overall Warrant</td>
<td></td>
<td></td>
<td>YES</td>
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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 concluded that the warrants for the installation of an All Way Stop Control were satisfied given that the collision warrant was met and Total Vehicle Volumes (261) exceed the required threshold.

A review of Toronto Police Service collision records revealed that in a three-year period ending December 31, 2011, there have been six collisions at this intersection of a type susceptible to correction by the installation of an All Way Stop Control.

In view of the above, Transportation Services recommends the installation of an All Way Stop Control at the intersection of Bartley Drive and Hobson Avenue in order to address the right-of-way conflicts at this location.

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

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Email: akhan5@toronto.ca

SIGNATURE

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

ATTACHMENTS

Attachment 1: Map – Bartley Drive and Hobson Avenue: All Way Stop Control