Stop Control – Handel Street at Haney Avenue, Duern Street at Haney Avenue and Kinghorn Avenue at Haney Avenue

Date: May 22, 2013

To: Etobicoke York Community Council

From: Director, Transportation Services - Etobicoke York District

Wards: Ward 11 – York South–Weston

Reference Number: p:\2013\Cluster B\TRA\EtobicokeYork\eycc130087-to

SUMMARY
This staff report is about a matter that Community Council has delegated authority from City Council to make a final decision.

The purpose of this report is to recommend the installation of northbound stop controls at the following locations:

1. on Handel Street at the intersection of Haney Avenue.
2. on Duern Street at the intersection of Haney Avenue.
3. on Kinghorn Avenue at the intersection of Haney Avenue.

These intersections are currently uncontrolled and the installation of stop control will define the right-of-way, enhancing traffic management and safety at these locations.

RECOMMENDATIONS
Transportation Services recommends that Etobicoke York Community Council approve:

1. The installation of a stop control on:
   a) Handel Street at the intersection of Haney Avenue
   b) Duern Street at the intersection of Haney Avenue
   c) Kinghorn Avenue at the intersection of Haney Avenue
**Financial Impact**

<table>
<thead>
<tr>
<th>Type of Funding</th>
<th>Source of Funds</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available within current budget</td>
<td>Transportation Services Operating Budget</td>
<td>$450.00</td>
</tr>
</tbody>
</table>

**ISSUE BACKGROUND**

Transportation Services received a request from area residents to determine if traffic control measures are required at the intersection of Haney Avenue and Handel Street, Haney Avenue and Duern Street and Haney Avenue and Kinghorn Avenue. Currently, these intersections are uncontrolled “T” type intersections. A map of the area is Attachment 1.

**COMMENTS**

Haney Avenue, Handel Street, Duern Street and Kinghorn Avenue are local roads in the residential community north of St. Clair Avenue West and west of Jane Street. The three streets intersecting Haney Avenue (Handel Street, Duern Street and Kinghorn Avenue) form “T” type intersections and are currently uncontrolled. Since there are no traffic control devices at these intersections, right-of-way is determined by the basic right-of-way rule. The rule, as stated in section 135, sub-sections (2) & (3) of the Highway Traffic Act, is “every driver approaching an intersection shall yield the right-of-way to any vehicle in the intersection that has entered from an intersecting highway” and “when two vehicles enter the intersection from intersecting highways at approximately the same time, the driver on the left shall yield the right-of-way to the vehicle on the right”.

Our review of the Toronto Police Services collision records for the past three years for which we have complete data (January 1, 2010 to December 31, 2012) for Haney Avenue from Handel Street to Kinghorn Avenue reveals that there has been no reported collision at these intersections.

To assess traffic conditions at these intersections, observations were conducted at the intersection of Haney Avenue and Handel Street during the morning and evening peak in which all movements were recorded. Based on the traffic volumes entering the intersection, and the results of our observations, it is concluded that some form of traffic control is required to avoid potential conflicts, stop motorists in advance of the sidewalk and to more clearly define right-of-way.

The traffic volume of our sample study, conducted at the intersection of Haney Avenue and Handel Street on April 9, 2013 between the hours of 7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m. (morning and evening peak hours) are as follows:

<table>
<thead>
<tr>
<th>Time</th>
<th>Haney Avenue (east/westbound)</th>
<th>Handel Street (northbound)</th>
<th>Total Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 a.m. to 9:00 a.m.</td>
<td>56</td>
<td>13</td>
<td>69</td>
</tr>
<tr>
<td>4:00 p.m. to 6:00 p.m.</td>
<td>76</td>
<td>11</td>
<td>87</td>
</tr>
</tbody>
</table>
Pedestrian activity was minimal. We anticipate similar vehicular and pedestrian volumes at Haney Avenue/Duern Street and Haney Avenue/Kinghorn Avenue.

Considering the sightlines from all approaches and vehicle usage of the intersection, we have determined that stop signs on Handel Street at Haney Avenue, Duern Street at Haney Avenue and at Kinghorn Avenue at Haney Avenue is the most appropriate for traffic control at these locations.

CONTACT
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SIGNATURE

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Steven T. Kodama, P.Eng.
Director, Transportation Services - Etobicoke York District

ATTACHMENTS

Attachment 1: Map