STAFF REPORT
ACTION REQUIRED

Gary Drive and Portage Avenue – All-Way Stop Control

<table>
<thead>
<tr>
<th>Date:</th>
<th>February 5, 2008</th>
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<tbody>
<tr>
<td>To:</td>
<td>Etobicoke York Community Council</td>
</tr>
<tr>
<td>From:</td>
<td>Director, Transportation Services - Etobicoke York District</td>
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<tr>
<td>Wards:</td>
<td>Ward 11 - York South-Weston</td>
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<tr>
<td>Reference Number:</td>
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SUMMARY
The purpose of this report is to recommend the installation of an all-way stop control operation at the intersection of Gary Drive and Portage Avenue. The additional stop sign controls will enhance the operational and pedestrian safety conditions in the vicinity.

As Gary Drive is a transit route, this matter requires the approval of City Council. Toronto Transit Commission (TTC) staff have been advised of the issue and have not objected to the recommendations.

RECOMMENDATIONS
Transportation Services recommends that City Council:

1. Approve an all-way stop sign control condition at Gary Drive and Portage Avenue, as the warrants are achieved.

Financial Impact

<table>
<thead>
<tr>
<th>Type of funding</th>
<th>Source of funds</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Available within current budget</td>
<td>Transportation Services Division Operating Budget</td>
<td>$1,000.00</td>
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ISSUE BACKGROUND
Councillor Frances Nunziata, on behalf of area residents, requested Transportation Services staff to investigate the feasibility of introducing an all-way stop condition at Gary Drive and Portage Avenue to alleviate pedestrian safety concerns in this vicinity.
COMMENTS

Gary Drive is a collector roadway operating two-way eastbound and westbound with a posted speed limit of 40 km/h and a road width of 8.5 metres. Portage Avenue is a local street operating two-way with posted speed limit of 40 km/h and road width of 8.5 metres forming a “T” type intersection with Gary Drive.

A review of the Toronto Police Service collision records over a three-year period ending December 31, 2007, did not show any collisions at the subject intersection.

Our study results reveal, as set in Appendix “A” attached, that the warrant requirements under Warrant “A” are not achieved. However, the warrant criteria under Warrant “B” have been achieved. In this regard, the subject intersection satisfies the operational elements for the implementation of an all-way stop control.

To improve the regulation of traffic and to enhance pedestrian safety, it is recommended that eastbound and westbound stop signs be installed on Gary Drive at Portage Avenue, in order to create an all-way stop condition at the intersection.

CONTACT
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SIGNATURE

_______________________________
John Niedra, P.Eng.,
Director, Transportation Services - Etobicoke York District

ATTACHMENTS

Appendix “A”: Table 1
Attachment No. 1: Map
The justification for the installation of an all-way stop control is based on the technical warrant adopted by Toronto City Council:

Warrant “A”: Collision History

This warrant determines the average number of reported collisions per year over a three-year period of the type susceptible to correction by the use of all-way ‘Stop’ sign controls and where less restrictive measures have been tried and found inadequate. The warrant is met if the average number of collisions is greater than or equal to:

(i) two for major roads considered as Local;
(ii) three for major roads considered as Collector (AADT less than or equal to 6,000); or
(iii) four for other roads

<table>
<thead>
<tr>
<th>Three-year period</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Average</th>
<th>Warrant ‘A’ Met</th>
</tr>
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<tbody>
<tr>
<td>Number of Collisions</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>NO</td>
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</table>

Warrant “B”: Traffic Volume

<table>
<thead>
<tr>
<th>Four-Hour Study Period</th>
<th>Total Approach Vehicle Volume</th>
<th>Vehicle/Pedestrian Volume Crossing Major Road</th>
<th>Unit Volume Split Major/Minor Roads</th>
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<tbody>
<tr>
<td>Study Period Average</td>
<td>837</td>
<td>268</td>
<td>70/30</td>
</tr>
<tr>
<td>Warrant Requirements for Study Period Average</td>
<td>&gt;375</td>
<td>&gt;250</td>
<td>&gt;30/70 or ≤70/30</td>
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To warrant the installation of an all-way “Stop” sign control under Warrant “B”, the traffic volume requirements for the “Study Period Average” must be completely satisfied in either of the following two combinations:

(a) “Total Approach Vehicle Volume” & “Unit Volume Split – Major/Minor Roads” or
(b) “Vehicle/Pedestrian Volume Crossing Major Road” & “Unit Volume Split-Major/Minor Roads”