**Left-Turn Prohibition – St. Clair Avenue East at Gidley Road**

<table>
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<tr>
<th>Date:</th>
<th>April 22, 2014</th>
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<tbody>
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<td>To:</td>
<td>Scarborough Community Council</td>
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<tr>
<td>From:</td>
<td>Director, Transportation Services, Scarborough District</td>
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<td>Wards:</td>
<td>Ward 36 – Scarborough Southwest</td>
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<td>Reference Number:</td>
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<td>D13-5697609 - St. Clair Avenue East at Gidley Road Left-Turn Prohibition</td>
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**SUMMARY**

This staff report discusses the feasibility of installing a westbound left-turn prohibition at the subject location due to concerns about conflicts between westbound through traffic on St. Clair Avenue East and vehicles turning left into Gidley Road during rush hour periods. This conflict is caused by the left-turn storage lane for eastbound left-turns at Jeanette Street being too short to accommodate both east and westbound left-turn movements between the two intersections.

It is recommended that a Westbound Left-turn Prohibition on St. Clair Avenue East at Gidley Road be enacted for the two peak periods of 7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m. Monday to Friday.

**RECOMMENDATIONS**

Transportation Services recommends that:

1. City Council enact the left-turn prohibition, as identified in Appendix 1 of this report.

**Financial Impact**

The financial cost of installing these turn prohibition signs is approximately $1,000.00. Funding for the signs is available in the Transportation Services 2014 Operating Budget, within Cost Centre TP0397.
ISSUE BACKGROUND
As a result of a request from Councillor Gary Crawford about left-turn issues at this intersection, Transportation Services staff reviewed the feasibility of providing a Westbound Left-turn Prohibition on St. Clair Avenue East at Gidley Road.

COMMENTS
Key characteristics describing St. Clair Avenue East at Gidley Road include:

- The subject intersection is located east of Brimley Road and north of Kingston Road within the Cliffcrest Neighbourhood. The land uses in this neighbourhood are primarily single family residential homes.
- St. Clair Avenue East is an east-west minor arterial road with four-lanes and centre hatched/left-turn storage lanes at the subject location with a speed limit of 60 kilometres per hour and a traffic volume range between 8,000 to 20,000 vehicles per day.
- Traffic Control Signals (TCS) are located on St. Clair Avenue East just east of Gidley Road at Jeanette Street with an eastbound left-turn storage lane and a centre hatched lane on the east side of the TCS.
- The existing pavement marking for westbound traffic at Gidley Road are two through lanes with through arrow and shared left-turn pavement marking in lane one, along with centre hatched lane and phantom stop bar pavement markings west of Gidley Road.
- Traffic Operation staff have observed the conflicting movement of westbound left-turning vehicles with eastbound traffic going into Gidley Road from St. Clair Avenue East during the two peak rush hour periods.
We anticipate that the Westbound Left-turn Prohibition during the two peak rush hour periods of 7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m. will allow a safer traffic flow at the subject intersection.

CONTACT
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SIGNATURE

______________________________
Peter J. Noehammer, P. Eng.
Director
Transportation Services, Scarborough District

FL:pz

ATTACHMENTS

1. Appendix 1 – By-law Amendment (Enact)
2. Location Plan (Left-Turn Prohibition – St. Clair Avenue East at Gidley Road)
Appendix 1

"Prohibited Turns"
Regulation to be Enacted

<table>
<thead>
<tr>
<th>Intersection or Portion of Highway</th>
<th>Direction</th>
<th>Turns Prohibited</th>
<th>Times or Days</th>
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<tbody>
<tr>
<td>St. Clair Avenue East and Gidley Road</td>
<td>Westbound</td>
<td>Left</td>
<td>7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m. Monday to Friday</td>
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