Left-Turn Prohibitions – Ellesmere Road and Saratoga Drive

Date: August 16, 2016

To: Scarborough Community Council

From: Director, Transportation Services, Scarborough District

Wards: Ward 38 – Scarborough Centre

Reference Number: P:\2016 CLuster B\TRA\Scarborough\sc1649.docx

D16-7572819 Ellesmere Road at Saratoga Drive – No Left Turns

SUMMARY

This report recommends prohibiting both westbound and northbound left turns from 3:00 p.m. to 7:00 p.m., Monday to Friday, at the intersection of Ellesmere Road and Saratoga Drive. There are currently no prohibitions in effect.

RECOMMENDATIONS

Transportation Services recommends that:

1. City Council prohibit northbound and westbound left turns from 3:00 p.m. to 7:00 p.m., Monday to Friday, at Ellesmere Road and Saratoga Drive.

Financial Impact

The financial cost of installing the recommended turn regulations is approximately $1,500.00. Funds for the necessary signs are available in the Transportation Services 2016 Operating Budget, within cost centre TP0397.

ISSUE BACKGROUND

Based on an operational review, staff have identified the subject intersection as a location with a high percentage of westbound to southbound and northbound to westbound left turn collisions.
COMMENTS

The following characteristics describe this portion of Ellesmere Road at Saratoga Drive:

- Ellesmere Road is classified as a major arterial road between Brimley Road and McCowan Road.
- A five metre wide concrete median separates the westbound lanes (three through lanes and one left turn lane) from the eastbound lanes (two through lanes and one shared through and right turn lane).
- The posted speed limit on Ellesmere Road is 60 km/h.
- Saratoga Drive is classified as a 50 km/h local road between Ellesmere Road and Packard Boulevard.
- Adjacent traffic control signals are located approximately 175 metres to the east at McCowan Road; and approximately 150 metres to the west at Borough Approach East.
- The area is composed of both single family residential housing and a strip mall is located on the south side of Ellesmere Road east of Saratoga Drive.
- An eastbound Toronto Transit Commission (TTC) transit stop is located on the south side, just east of the subject intersection.
- A westbound TTC stop is located on the north side, just west of the subject intersection.

**Toronto Police Service Collision Records**

Five-year review period for which we have complete data: January 1, 2011 to December 31, 2015.

<table>
<thead>
<tr>
<th>Collision Information</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
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<td>Pedestrian Related Collisions</td>
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<td>0</td>
<td>0</td>
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<tr>
<td>Northbound Left Turn Collisions</td>
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<td>1</td>
<td>1</td>
<td>3</td>
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<td>5</td>
</tr>
<tr>
<td>Westbound Left Turn Collisions</td>
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<td>6</td>
<td>9</td>
<td>3</td>
<td>7</td>
<td>33</td>
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<td>2</td>
<td>0</td>
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<td>4</td>
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<tr>
<td>Total Collisions</td>
<td>8</td>
<td>8</td>
<td>12</td>
<td>6</td>
<td>8</td>
<td>42</td>
</tr>
</tbody>
</table>

In order to reduce the potential for collisions involving left turning vehicle at this intersection and to decrease the frustration level for eastbound motorists, it is recommended that No Left Turn 3:00 p.m. to 7:00 p.m., Monday to Friday prohibitions be implemented.
The resultant No Left Turn 3:00 p.m. to 7:00 p.m., Monday to Friday, prohibition and associated signage is expected to improve safety for all road users by minimizing vehicular turning movement conflicts.

**CONTACT**

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**SIGNATURE**

____________________________________
John Mende, P.Eng.
Director, Transportation Services, Scarborough District

DS/KS:cr

**ATTACHMENTS**

1. Location Plan (Left Turn Prohibitions – Ellesmere Road at Saratoga Drive)