Left Turn Review – Lilian Drive at Lawrence Avenue East

Date: April 22, 2014

To: Scarborough Community Council

From: Director, Transportation Services, Scarborough District

Wards: Ward 37 – Scarborough Centre

Reference Number: P:\2013\Cluster B\TRA\Scarborough\sc1432.docx
D13-5775823 - Lilian Drive at Lawrence Avenue East

SUMMARY

The purpose of this report is to review the safety of making a southbound left turn at the intersection of Lilian Drive and Lawrence Avenue East. The review revealed that a southbound left turn prohibition is not justified.

RECOMMENDATIONS

Transportation Services recommends that:

1. City Council receive this report for information.

Financial Impact

There is no financial impact associated with this report.
COMMENTS
As a result of a claim, staff have reviewed the safety of southbound left-turns at this intersection.

The following characteristics describe the intersection of Lawrence Avenue East and Lilian Drive:

- Lawrence Avenue East is a six-lane major arterial road with a shared centre left turn lane. The intersection is located 85 metres west of Warden Avenue.
- Lawrence Avenue East has a signed speed limit of 60 km/h and a traffic volume of approximately 43,046 vehicles per day. Lilian Drive has a speed limit of 40 km/h and a traffic volume of approximately 1,385 vehicles per day. A southbound stop sign is posted on Lilian Drive, with a stop bar and pedestrian lines.
- A sidewalk is located on the east side of Lilian Drive (both sides at the intersection), and on both sides of Lawrence Avenue East.
- We conducted a five-year collision review of reported southbound left turn collisions at the subject intersection. Our analysis revealed three southbound left turn collisions occurred between Jan. 1, 2008 and December 31, 2012.

A left turn prohibition is installed if a community petition is received or if there is a safety hazard. A driver on the side street (Lilian Drive) has to ensure that the main street (Lawrence Avenue East) is clear to make the turn safely.

There has not been a community petition for a left-turn prohibition at this intersection. The Toronto Police Service collision record does not indicate a safety hazard at this time. Sightlines for the southbound left-turn movement are adequate.

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SIGNATURE

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JE:pz

ATTACHMENTS
1. Location Plan (Left Turn Review - Lilian Drive at Lawrence Avenue East)