

Northbound Left Turn Prohibition – Midland Avenue Access to 1100 Ellesmere

Date: May 8, 2018
To: Scarborough Community Council
From: Director, Transportation Services, Scarborough District
Wards: Ward 37 – Scarborough Centre

SUMMARY

This report recommends the installation of a Northbound Left Turn Prohibition at all times into the 1100 Ellesmere Road Plaza access at Midland Avenue, located on the west side of Midland Avenue, north of Ellesmere Road.

RECOMMENDATIONS

The Director, Transportation Services, Scarborough District recommends that:

1. City Council prohibit northbound left turns at all times at Midland Avenue and the access at 1100 Ellesmere Road located on the west side of Midland Avenue at a point approximately 55 metres north of Ellesmere Road.

FINANCIAL IMPACT

The financial cost of installing the northbound left turn prohibition signs on Midland Avenue is approximately \$500.00. The funding for these signs are available in the Transportation Services Division's 2018 Operating Budget, within Cost Centre TP0397.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Further to a public request, Transportation Services staff reviewed the existing turning movements and the feasibility of installing a northbound left turn prohibition into 1100 Ellesmere Road Plaza Driveway.

Existing Conditions

The following characteristics describe Midland Avenue in the vicinity of 1100 Ellesmere Road:

- Ellesmere Road is a six lanes major arterial road with raised centre median and posted speed limit of 60 km/h. Midland Avenue is a four lanes major arterial road with centre left- turn lane and posted speed limit of 60 km/h.
- The daily traffic volume on Midland Avenue is approximately 33,530 vehicles per day.
- The land uses on this section of roadway is mostly single family residential homes, retail/commercial plaza, coffee shop and condominiums on Midland Avenue and Ellesmere Road.
- The two right-in and right-out access driveways for 1100 Ellesmere Road are located approximately 50 metres north of Ellesmere Road and 50 metres west of Midland Avenue for this plaza.
- There is no space to install a centre left-turn lane to accomplish a safer northbound left-turn lane into this driveway. Motorists accessing this site from the south can make a northbound left turn at Midland Avenue at Ellesmere Road, and then a right turn into the site.

Analysis

Transportation staff conducted a Northbound Left Turn study at this location and the study results are indicated below:

Time Period	Northbound Left-Turns
7:00 - 9:00 a.m.	11
4:00 - 6:00 p.m.	10
Total	21

As shown in the above table, 21 vehicles made a northbound left turn into access.

A collision analysis conducted for a three-year period ending December 31, 2017 revealed two collisions associated vehicles making left turn into this driveway. It is public interest to mitigate the potential safety risk of the northbound left turn into this access.

The installation of the northbound left-turn prohibition into the Midland Avenue access to 1100 Ellesmere Road Plaza Driveway will improve the overall safety for all road traffic road users by minimizing vehicular conflicts. The northbound left turn prohibition will also allow enforcement by Toronto Police Services.

CONTACT

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SIGNATURE

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D16-8017881, D16-8017890

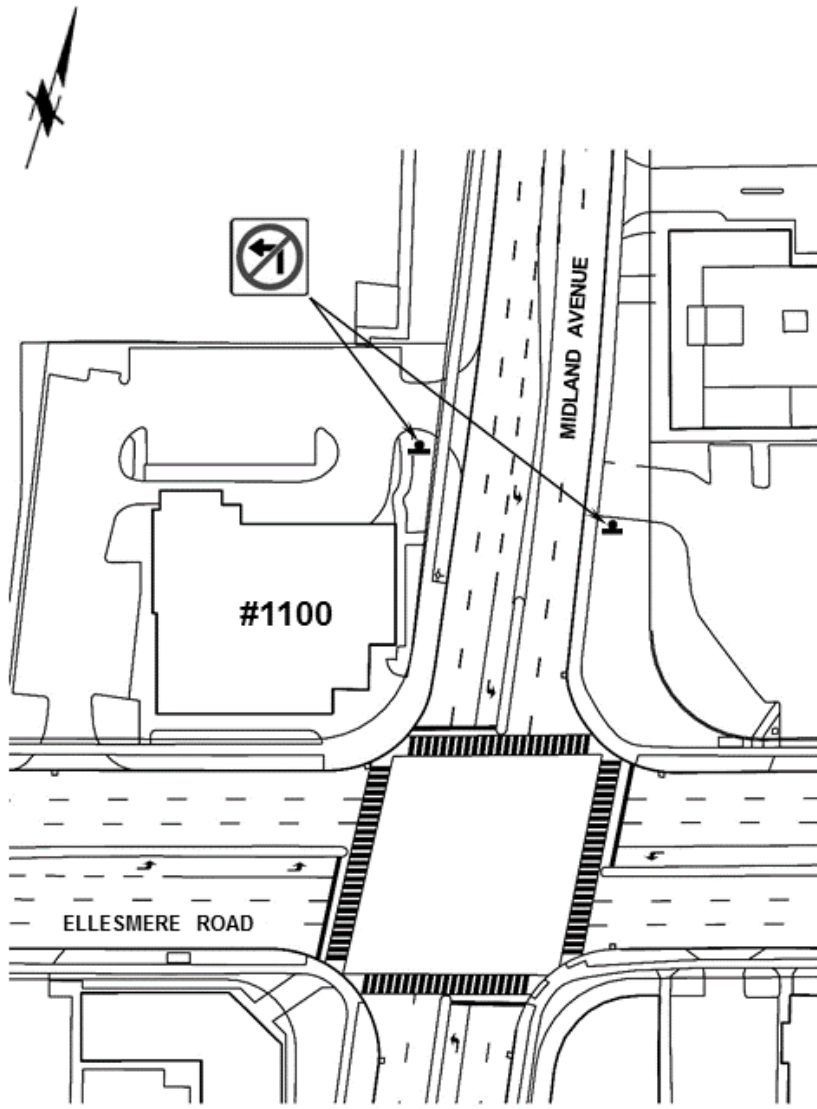
ATTACHMENTS

1. Location Plan (Northbound Left Turn prohibition - Midland Avenue Access to 1100 Ellesmere Road)

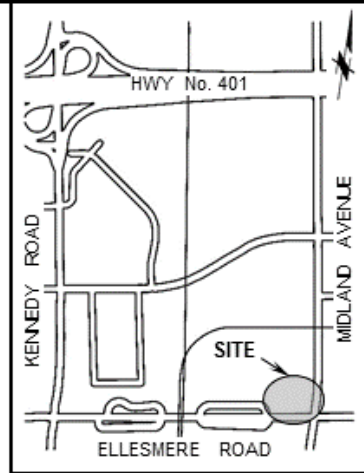
LEGEND



PROPOSED LEFT-TURN PROHIBITION ANYTIME



LOCATION MAP



KEY MAP



TRANSPORTATION SERVICES

TRAFFIC OPERATIONS
Scarborough District

SCALE:	N.T.S.
DATE:	APR., 2018
DRAFTING:	O.K.

**NORTHBOUND LEFT-TURN PROHIBITION ANYTIME
MIDLAND AVENUE AT 1100 ELLESMERE ROAD**

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ATTACHMENT 1	WARD 37