

**Northbound Through Prohibition / Northbound Right
Turn On Red Prohibition: Yorkdale Road and William R.
Allen Road / Highway 401 On Ramp**

Date:	October 13, 2011
To:	North York Community Council
From:	Director, Transportation Services, North York District
Wards:	Ward 15 Eglinton - Lawrence
Reference Number:	<i>ny11128</i>

SUMMARY

As the Toronto Transit Commission (TTC) operates a transit service on Yorkdale Road, City Council approval of this report is required.

To obtain approval to prohibit northbound through movements and right turns on red at any time at the intersection of Yorkdale Road and William R. Allen Road/Highway 401 on ramp.

The approved minor reconfigurations of the south leg of the intersection of Yorkdale Mall (south access roadway) and William R. Allen Road underpass will improve pedestrian safety and accessibility at this location.

The implementation of the prohibited right turn on red will result in safe and efficient turning movements for the southbound left turn traffic.

RECOMMENDATIONS

Transportation Services, North York District recommends that City Council:

1. Approve the northbound through prohibition at the intersection of Yorkdale Road and William R. Allen Road/Highway 401 on ramp.

2. Approve the northbound right turn on red prohibition at the intersection of Yorkdale Road and William R. Allen Road/ Highway 401 on ramp.

Financial Impact

All costs associated with the installation of the through and Turn Prohibitions are included in the Transportation Services 2011 Operating Budget.

ISSUE BACKGROUND

Transportations Services, North York District obtained Council approval as part of the construction and implementation of road network improvements for Yorkdale Road / William R. Allen Road. Improvements to the intersection of Yorkdale Road and William R. Allen Road underpass include the removal of the free flow channelized right turn and installation of a fully protected continuous pedestrian crossing on the south leg of the intersection.

COMMENTS

The south leg of the intersection of Yorkdale Road and the Yorkdale Mall south access consists of a designated right turn channel and a designated left turn lane. The north leg of the intersection consists of a designated right turn lane, designated left turn lane and a designated shared through and left turn lane.

At this intersection, northbound through movements are restricted by the geometric design of the existing right turn channel and left turn lane designation and provides for unrestricted movements for the dual southbound left turn operation. The approved geometric improvements includes partial removal of the centre median but will still maintain the same traffic lanes, however, this may promote northbound through movements. Therefore, in order to ensure that northbound through movements are not conducted and to further augment the existing lane designations, we are recommending that northbound through movements be prohibited by implementing a northbound through prohibition. This prohibition will be identified on site with the appropriate signage.

It should be noted that the full removal of the centre median is not feasible and to ensure the pedestrians crossing within the newly designed continuous crossing area will not encounter any conflicts, we are also recommending that the northbound right turn movements on red be prohibited.

The proposed northbound through and no right turn on red prohibition on the south leg of the intersection will improve pedestrian safety and accessibility at this location.

The Ward Councillor has been advised of the recommendations in this staff report.

CONTACT

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SIGNATURE

Myles Currie
Director

ATTACHMENTS

- Attachment 1: Map – Yorkdale Rd at W. R. Allen Rd Underpass/Yorkdale Mall;
Through Prohibition and No Right Turn on Red Prohibition
- Attachment 2: Map – Yorkdale Rd at W. R. Allen Rd Underpass/Yorkdale Mall;
Road Alteration