



STAFF REPORT ACTION REQUIRED

Traffic Operations: William R. Allen Road/Hwy 401 Off-Ramp at Yorkdale Road/Yorkdale Mall Access

Date:	December 10, 2007
To:	North York Community Council
From:	Director, Transportation Services Division, North York District
Wards:	Ward 15 – Eglinton-Lawrence
Reference Number:	p:\2008\ClusterB\TRA\NorthYork\ny08009 (6614)

SUMMARY

To obtain approval to implement lane designations, entry prohibitions, turn prohibitions, and pedestrian crossing prohibitions at the intersection of William R. Allen Road / Highway 401 Off-ramp and Yorkdale Road/Yorkdale Mall access.

The lane designations and traffic restrictions would prevent conflicts at the intersection of William R. Allen Road / Highway 401 Off-ramp and Yorkdale Road/Yorkdale Mall access.

RECOMMENDATIONS

Transportation Services Division, North York District recommends that:

1. the centre westbound traffic lane at the intersection of William R. Allen Road / Highway 401 Off-ramp and Yorkdale Road/Yorkdale Mall access, be designated for through movement vehicles only, from the east curb line of Yorkdale Road to a point 90 metres east;
2. the southerly westbound traffic lane at the intersection of William R. Allen Road / Highway 401 Off-ramp and Yorkdale Road/Yorkdale Mall access on the William R. Allen Road / Highway 401 Off-ramp at Yorkdale Road, be designated for left-turning vehicles only, from the east curb line of Yorkdale Road to a point 90 metres east;

3. the northerly westbound traffic lane at the intersection of William R. Allen Road / Highway 401 Off-ramp and Yorkdale Road/Yorkdale Mall access, be designated for right-turning vehicles only, from the east curb line of Yorkdale Road to a point 90 metres east;
4. the southerly eastbound traffic lane at the intersection of William R. Allen Road / Highway 401 Off-ramp and Yorkdale Road/Yorkdale Mall access, be designated for right-turning vehicles only, from the west curb line of Yorkdale Road to a point 30.5 metres west;
5. the northerly eastbound traffic lane at the intersection of William R. Allen Road / Highway 401 Off-ramp and Yorkdale Road/Yorkdale Mall access, be designated for left-turning vehicles only; from the west curb line of Yorkdale Road to a point 30.5 metres west;
6. entry be prohibited at all times to the westbound off-ramp traffic lanes at the intersection of William R. Allen Road / Highway 401 Off-ramp and Yorkdale Road / Yorkdale Mall access;
7. northbound right-turn traffic movements on Yorkdale Road at the intersection of William R. Allen Road / Highway 401 Off-ramp and Yorkdale Road / Yorkdale Mall access be prohibited at all times;
8. southbound left-turn traffic movements on Yorkdale Road at the intersection of William R. Allen Road / Highway 401 Off-ramp and Yorkdale Road / Yorkdale Mall access be prohibited at all times;
9. pedestrian crossings be prohibited on Yorkdale Road, between the north curb line of William R. Allen Road / Highway 401 Off-ramp / Yorkdale Mall access and a point 30.5 metres north;
10. pedestrian crossings be prohibited on Yorkdale Road, between the south curb line of William R. Allen Road / Highway 401 Off-ramp/Yorkdale Mall access and a point 30.5 metres south; and
11. the appropriate City officials be directed to take whatever action is necessary to give effect to the foregoing, including the introduction in Council of any bills that are required

FINANCIAL IMPACT

All costs associated with the implementation of the lane designations, prohibited entry, turn prohibitions and pedestrian crossing prohibitions are included within the Transportation Services, North York District's 2008 Operating Budget estimates.

ISSUE BACKGROUND

Transportation Services Division, North York District staff, was requested by the Ministry of Transportation (MTO) to undertake an operational review of the subject intersection and implement the necessary lane designations, turn prohibitions and pedestrian prohibitions.

COMMENTS

The intersection of William R. Allen Road / Highway 401 Off-ramp and Yorkdale Road / Yorkdale Mall access is controlled by traffic control signals. Although the Highway 401 ramp and the Yorkdale Mall access are not owned by the City of Toronto, since the intersection is controlled by traffic control signals, the City of Toronto takes responsibility for the operation of the intersection including all associated traffic by-laws. The existing lane configuration for the east leg of the intersection, (westbound approach) consists of a left-turn lane, a through lane and a channelized right-turn lane. As this leg of the intersection is an off-ramp, no eastbound traffic lanes exist. The eastbound lane configuration on the west leg of the intersection consists of a left-turn lane and a right-turn lane.

It should be noted that “No Entry” signage currently exists on the east leg of the intersection, as well as signage prohibiting northbound right-turns and southbound left-turns. However, our review has indicated that these entry restrictions do not have the appropriate corresponding by-law entry.

Accordingly, our review has indicated that not only is it necessary to enact the appropriate by-laws for the above signage but also to designate the approach lanes to the intersection and prohibit pedestrian crossings at the intersection.

The enactment of the required by-law amendments are necessary to legally designate lane usage and prohibit northbound right-turn and southbound left-turn traffic movements as well as eastbound through traffic movements. The introduction of pedestrian crossing restrictions to prohibit east-west crossings on the south side of the intersection will ensure pedestrian safety.

CONTACT

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SIGNATURE

Myles Currie, B.A.
Director

ATTACHMENTS

Attachment 1: Map – Lane Designations, Prohibited Entry, Turn Prohibitions and Pedestrian Prohibited Crossings: William R. Allen Rd/Highway 401 Off-Ramp at Yorkdale Rd and Yorkdale Mall Access (ny08009_att1)