Broadoaks Drive at Keele Street: Through and Right Turn Lane Designation

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<th>Date:</th>
<th>December 9, 2014</th>
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<td>To:</td>
<td>North York Community Council</td>
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<tr>
<td>From:</td>
<td>Director, Transportation Services, North York District</td>
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<td>Wards:</td>
<td>Ward 8 - York West</td>
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**SUMMARY**

This staff report is about a matter that Community Council has delegated authority to make a final decision, providing that it is not amended so that it varies with City policy or by-laws.

Transportation Services is requesting approval to designate the eastbound curb lane on Broadoaks Drive, west of Keele Street for through and right turning traffic.

The implementation of the lane designation will improve the flow of traffic on Broadoaks Drive and through the intersection by providing motorists with clearly defined permitted traffic movements and mitigate conflicts between through and turning traffic.

**RECOMMENDATIONS**

Transportation Services recommends that North York Community Council:

1. Approve the designation of the eastbound curb lane on Broadoaks Drive west of Keele Street for through and right turning vehicles only, from Keele Street to a point 50 metres west.

**Financial Impact**

All costs associated with the implementation of the Lane Designation are included within the Transportation Services 2015 Operating Budget estimates.
ISSUE BACKGROUND

Transportation Services was requested by the Ward Councillor on behalf of local residents to review the existing lane configuration for the eastbound lanes at the signalized intersection of Broadoaks Drive and Keele Street.

COMMENTS

Broadoaks Drive is classified as a three-lane local road with a regulatory speed limit of 50 km/h. There are two outbound lanes and one inbound lane separated by a median. Municipal sidewalks are located on both sides of the road. Keele Street is classified as a four-lane major arterial roadway with a daily two-way traffic flow of approximately 30,000 vehicles and a posted speed limit of 60 km/h. The intersection of Broadoaks Drive and Keele Street forms a four-legged intersection and is controlled by a traffic control signal. The east leg of the intersection provides access and egress to the new Walmart Store.

Our review has indicated that in view of the new retail development, the former unmarked lane configuration providing a single left and right turn lane is no longer appropriate. Staff has implemented the appropriate pavement markings to indicate to eastbound motorists that the eastbound curb lane is to be used as a shared through and right turn lane. However, in order to further improve traffic operations at the intersection of Broadoaks Drive and Keele Street, Staff recommends the installation of a designated through and right turn lane signage.

The adoption of the traffic by-law amendment will allow for proper enforcement of the respective traffic signs under the Highway Traffic Act and mitigate any potential vehicular conflicts for eastbound traffic. The installation of the above-noted through and right turn lane designation on Broadoaks Drive at Keele Street will also manage traffic generated by the new development on the east side of the intersection.

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

CONTACT

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SIGNATURE

_______________________________  
Jacqueline White P. Eng.  
Director

ATTACHMENTS

Attachment 1: Map – Through and Right Turn Lane Designation; Broadoaks Dr at Keele St