



**STAFF REPORT
ACTION REQUIRED**

Right Turn Lane Designation: Transit Road at Wilson Avenue

Date:	December 12, 2012
To:	North York Community Council
From:	Acting Director, Transportation Services, North York District
Wards:	Ward 9 - York West
Reference Number:	ny 13021 P:\2013\Cluster B\TRA\NorthYorkDistrict

SUMMARY

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

To obtain approval to designate the southbound curb lane for right turns only on Transit Road at Wilson Avenue.

The designation of the southbound right turn lane on Transit Road, north of Wilson Avenue will address concerns of the resident that vehicles utilizing the southbound curb lane are experiencing delays due to motorists choosing to use the southbound curb lane to travel straight through the intersection.

RECOMMENDATIONS

Transportation Services, North York District recommends that City Council:

1. Approve the designation of the westerly southbound lane on Transit Road, from Wilson Avenue to a point 40 metres north for right turning vehicles only, buses excepted.

Financial Impact

All costs associated with the installation of the southbound right turn lane, buses excepted restriction is included within the Transportation Services 2013 Operating Budget estimate.

ISSUE BACKGROUND

Transportation Services, North York District, was requested by an area resident to review the feasibility of designating the southbound curb lane on Transit Road, north of Wilson Avenue for right turns only.

COMMENTS

Transit Road is classified as four lane minor arterial road with a daily two-way traffic flow of approximately 15,500 vehicles and a regulatory speed limit of 50 km/h. The southbound lane configuration approaching the intersection of Transit Road and Wilson Avenue consists of two through lanes and a dedicated left turn lane. On the far side of the intersection there are two inbound lanes. However, it should be noted that the southbound curb lane terminates approximately 60 metres south of the intersection and is marked as a right turn lane. The primary purpose of Transit Road is to serve as a connecting roadway from Wilson Avenue to The William R. Allen Road and Highway 401 and provide access to the TTC facilities. Located on the west side of the roadway is the TTC Service Yard and on the east side of the roadway is Wilson Station, which consist of a Kiss and Ride facility, subway station and bus station.

In order to determine the frequency of the southbound right turn movements and delays that are being experienced, this Division conducted on site observations. The results of the study conducted on December 6, 2012 are as follows:

<u>Southbound Traffic Flow on Transit Road – Study Period</u>				
Time	Southbound Through (Lane 1)	Southbound Through (Lane 2 -curb lane)	Southbound Right Turns	Southbound Right Turns Delayed by Through movements
8:00 am - 9:00 am	180	39	176	51
3:00 pm - 4:00 pm	157	60	120	70
4:00 pm - 5:00 pm	130	62	133	51
TOTALS	467	161	429	172

As can be seen from the above table, the majority of motorists that are utilizing the southbound curb lane are conducting southbound to westbound right turns from Transit Road to Wilson Avenue. In fact, of the 73% (429/590) vehicles in lane 2 (curb lane) that are conducting right turn movements, 172 are experiencing delays as a result of southbound through traffic in lane 2 (curb lane). Our review has also indicated that the majority of the vehicles travelling through the intersection from the curb lane are doing so to access the commercial property on the southwest corner of the intersection.

In addition to the above studies, staff reviewed the collision statistics provided by the Toronto Police Services for this section of roadway. Our review has indicated that in the preceding three years, there have been 3 collisions involving southbound traffic travelling in the curb lane with northbound left turning traffic. Although no side swipe incidents were reported south of the intersection, staff did observe on several occasions that when motorists utilized both southbound lanes as through lanes, evasive actions by the motorists were required to prevent an impact from occurring.

Based on the above study results and staff observations, the southbound curb lane on Transit Road, north of Wilson Avenue be designated for right turns only, buses excepted.

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

CONTACT

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SIGNATURE

Pascoal D'Souza, C.E.T.
Acting Director

ATTACHMENTS

Attachment: Map – Transit Road at Wilson Avenue; Right Turn Lane Designation