

Lane Designation: Elmhurst Avenue and Yonge Street

Date:	December 8, 2008
To:	North York Community Council
From:	Director, Transportation Services, North York District
Wards:	Ward 23 Willowdale
Reference Number:	ny09004

SUMMARY

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

To obtain approval to designate the northerly and southerly eastbound lanes on Elmhurst Avenue at Yonge Street for left turn movements and right turn/through traffic movements only, respectively.

The implementation of the lane designations on Elmhurst Avenue will improve the flow of traffic on Elmhurst Avenue and through the intersection by providing motorists with clearly defined permitted traffic movements.

RECOMMENDATIONS

Transportation Services Division, North York District recommends that:

1. the northerly eastbound lane on Elmhurst Avenue be designated for left turning vehicles only, from Yonge Street to a point 30 metres west thereof.
2. the southerly eastbound lane on Elmhurst Avenue be designated for right turning and through vehicles only, from Yonge Street to a point 30 metres west thereof.

FINANCIAL IMPACT

All costs associated with the installation of the lane designation are included within the Transportation Services Division's 2009 Operating Budget estimates.

ISSUE BACKGROUND

Transportation Services, North York District Traffic Operations Section as of a result of the recent road overlay by the Road Operation Section has undertaken a review of the traffic operations and to determine the what pavement markings should be installed on Elmhurst Avenue at Yonge Street.

COMMENTS

Elmhurst Avenue is classified as collector roadway with a regulatory speed limit of 50 km/h and is 13.6 metres wide. This roadway provides motorists and pedestrians with a connection between Beecroft Road on the west and Yonge Street on the east. The intersection of Elmhurst Avenue and Yonge Street is controlled by traffic control signals.

Given the pavement width, it was determined that this section of roadway should have four lanes of traffic, two per direction. The curb lane is currently used for on street parking.

Due to the partially offset geometry of the intersection of Elmhurst Avenue and Yonge Street, traffic flow in the eastbound median lane has no option but to turn left. Staff has determined that the northerly eastbound lane should be designated as a left turn lane. It should be noted that this lane designation would complement the existing westbound left turn lane designation. In addition to the eastbound left turn lane designation we are also recommending that the eastbound curb lane be designated as a through/right turn lane. Both of these lane designations will commence 30 metres west of Yonge Street.

The implementation of the above noted lane designations on Elmhurst Avenue will improve the flow of traffic and provide clearly defined permitted traffic movements for the motorist.

Councillor Filion has been advised of the recommendations contained within this report.

CONTACT

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SIGNATURE

Myles Currie, B.A.
Director

ATTACHMENTS

Attachment 1: Map – Eastbound Lane Designation: Elmhurst Av at Yonge St
(ny09004_map1)

Attachment 2: Map – Pavement Marking Plan: Elmhurst Av at Yonge St
(ny09004_map2)