

All-Way Stop Control: Empress Avenue at Longmore Street

Date:	May 10, 2007
To:	North York Community Council
From:	Acting Director, Transportation Services, North York District
Wards:	Ward 23 – Willowdale
Reference Number:	p:\2007\ClusterB\TRA\NorthYork\nycc07050tsny (5060)

SUMMARY

To deny the request to install an all-way stop control at the intersection of Empress Avenue and Longmore Street.

The existing traffic and roadway conditions do not warrant the introduction of all-way stop control at the above-noted intersection.

RECOMMENDATION

Transportation Services, North York District recommends that:

1. the installation of all-way stop control at the intersection of Empress Avenue and Longmore Street not be implemented.

FINANCIAL IMPACT

There is no financial impact associated with the adoption of this report.

ISSUE BACKGROUND

The Transportation Services Division, North York District, was requested by Councillor John Filion on behalf of area residents to investigate the feasibility of installing all-way stop control at the intersection of Empress Avenue and Longmore Street.

COMMENTS

Currently, Empress Avenue is classified as a collector road and Longmore Street is classified as a local road. Both streets have a regulatory speed limit of 50 km/h. Northbound and southbound traffic on Longmore Street is required to stop at Empress Avenue.

To assess existing traffic conditions, this Division conducted a four-hour all-way stop study at this intersection.

During the study, staff recorded the total volume of traffic which utilized the intersection, observed delays and right-of-way conflicts and noted the intersection geometry. The following table illustrates the results of the study, where the major road is classified as a local road:

Empress Avenue at Longmore Street	Actual	Required	Satisfied (YES/NO)
Collision History (three year review)	8/3 years	9/3 years	NO
Total Vehicle Volumes	502	375	YES
Vehicle & Pedestrian Volumes Crossing Major Road	57	100	NO
Percent of Traffic on Major Road	89	= 70	NO
Overall Warrant			NO

Motorists and pedestrian sight lines were found to be unobstructed for all approaches to this intersection.

Based upon the result of this study the existing traffic controls at Empress Avenue and Longmore Avenue are providing a safe pedestrian and motorists environment. As such this Division does not recommend the installation of an all-way stop control at this intersection

Councillor John Filion has been advised of the recommendations in this staff report.

CONTACT

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SIGNATURE

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

ATTACHMENTS

Attachment 1: Map – All-Way Stop Control, Empress Avenue and Longmore Street
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