



**STAFF REPORT
ACTION REQUIRED**

All-Way Stop Control: Raneer Avenue at Khedive Avenue

Date:	February 26, 2007
To:	North York Community Council
From:	Director, Transportation Services, North York District
Wards:	Ward 15 – Eglinton Lawrence
Reference Number:	p:\2007\ClusterB\TRA\NorthYork\nycc07025tsny (AFS 4356)

SUMMARY

To obtain approval to install an all-way stop control at the intersection of Raneer Avenue and Khedive Avenue.

The installation of an all-way stop control at the intersection of Raneer Avenue and Khedive Avenue will address the existing right-of-way conflicts at the intersection.

RECOMMENDATIONS

Transportation Services, North York District recommends that:

1. Schedules XVIII and XIX of By-law No. 31001, of the former City of North York, be amended to require traffic to stop on all approaches to the intersection of Raneer Avenue and Khedive Avenue; and
2. the appropriate City officials be authorized 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 installation of an all-way stop control are included within the Transportation Services Division, North York District’s 2007 Operating Budget estimates.

ISSUE BACKGROUND

The Transportation Services Division, North York District was requested by Councillor Howard Moscoe to investigate the feasibility of installing an all-way stop control at the intersection of Ranee Avenue and Khedive Avenue.

COMMENTS

Ranee Avenue is classified as a collector road and Khedive Avenue is classified as a local road, both with regulatory speed limits of 50 km/h. Traffic on Ranee Avenue is controlled by an all-way stop control one block (268 metres) to the west at Rahjah Street and by traffic control signals one block (148 metres) to the east at Bathurst Street. Currently, northbound and southbound traffic on Khedive Avenue is required to stop at Ranee Avenue.

To assess existing traffic conditions, this Division conducted an all-way stop study on December 14, 2006. During the completion of 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 collector road.

	Actual Value	Required Value	Satisfied (YES/NO)
Collision History (three year review)	9/3yrs	9/3yrs	YES
Total Vehicle Volumes	242	375	NO
Vehicle and Pedestrian Volumes Crossing Major Road	83	150	NO
Percent of Traffic on Major Road	66	=71	YES
Overall Warrant			YES

Motorist and pedestrian sightlines were found to be clear and unobstructed for all approaches. The results of the all-way stop study concluded that the warrants for the installation of an all-way stop control were satisfied based on the collision warrant.

Councillor Howard Moscoe has been advised of the recommendations in this staff report.

CONTACT

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SIGNATURE

Roberto Stopnicki, P. Eng.
Director

ATTACHMENTS

Attachment 1: Map – All-Way Stop Control, Khedive Avenue at Ranees Avenue
(nycc07025tsny_map)