



STAFF REPORT ACTION REQUIRED

All-Way Stop Control: Cortleigh Boulevard at Rosewell Avenue

Date:	June 5, 2007
To:	North York Community Council
From:	Acting Director, Transportation Services, North York District
Wards:	Ward 16 - Eglinton Lawrence
Reference Number:	p:\2007\ClusterB\TRA\NorthYork\nycc07054tsny (5326)

SUMMARY

To obtain approval to introduce an all-way stop control at the intersection of Cortleigh Boulevard and Rosewell Avenue.

The installation of an all-way stop control at the intersection of Cortleigh Boulevard and Rosewell Avenue will address the existing right-of-way conflicts at this intersection.

RECOMMENDATIONS

Transportation Services, North York District recommends that:

1. traffic be required to stop on all approaches to the intersection of Cortleigh Boulevard and Rosewell 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 in the Transportation Services Division, North York District's 2007 Operating Budget.

ISSUE BACKGROUND

The Transportation Services Division, North York District was requested by Councillor Karen Stintz, on behalf of residents to consider the installation of an all-way stop control at the intersection of Cortleigh Boulevard and Rosewell Avenue.

COMMENTS

Cortleigh Boulevard and Rosewell Avenue form a T-type intersection. Cortleigh Boulevard and Rosewell Avenue are both classified as local roads, with regulatory and posted speed limits of 50 km/h and 40km/h, respectively. Currently, eastbound traffic on Cortleigh Boulevard is required to stop at Rosewell Avenue. There are stop controls on Rosewell Avenue two blocks to the north of Cortleigh Boulevard at Lytton Boulevard and one block to the south at Albertus Avenue.

To assess existing traffic conditions, this Division conducted an all-way stop study. 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 Rosewell Avenue is classified as the major road:

Cortleigh Boulevard at Rosewell Avenue	Actual	Required	Satisfied (YES/NO)
Collision History (3 year review)	0/3 years	9/3 years	NO
Total Vehicle Volumes	269	250/ avg hr	YES
Vehicle & Pedestrian Volumes Crossing Major Road	97	100/ avg hr	NO
Percent of Traffic on Major Road	64	= 70	YES
Overall Warrant			YES

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 total vehicle volumes and volume split.

Motorist and pedestrian sightlines were found to be clear and unobstructed for all approaches.

Councillor Karen Stintz has been advised of the recommendations in this staff report.

CONTACT

Martin D. Maguire, P.Eng.
Manager, Traffic Operations
Transportation Services, North York District
Tel: 416-395-7463
Fax: 416-395-7544
Email: mmaguir@toronto.ca

SIGNATURE

Trevor Tenn, P. Eng.
Acting Director

JP/sf

ATTACHMENTS

Attachment: Map – Cortleigh Boulevard at Rosewell Avenue, All-Way Stop
Control (nycc07054tsny_map)