

All-Way Stop Control: Estelle Avenue at Princess Avenue

Date:	December 10, 2007
To:	North York Community Council
From:	Director, Transportation Services Division, North York District
Wards:	Ward 23 - Willowdale
Reference Number:	p:\2008\ClusterB\TRA\NorthYork\ny08010 (6615)

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 introduce an all-way stop control at the intersection of Estelle Avenue and Princess Avenue.

The installation of an all-way stop control at the intersection of Estelle Avenue and Princess Avenue will address the existing right-of-way conflicts for motorists and pedestrians.

RECOMMENDATIONS

Transportation Services Division, North York District recommends that:

1. Schedule XVIII of By-law 31001, of the former City of North York, be amended by deleting Estelle Avenue as a through street, from the southerly limit of Empress Avenue to the northerly limit of Hillcrest Avenue;
2. Schedule XIX of By-law 31001, of the former City of North York, be amended to require traffic to stop on all approaches to the intersection of Estelle Avenue and Princess Avenue; and

- 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 2008 Operating Budget estimates.

ISSUE BACKGROUND

The Transportation Services Division, North York District was requested by Councillor John Filion, on behalf of an area resident, to consider the installation of an all-way stop control at the intersection of Estelle Avenue and Princess Avenue, in order to address existing right-of-way conflicts involving vehicles and pedestrians.

COMMENTS

Estelle Avenue and Princess Avenue are classified as local roads with a regulatory speed limit of 50 km/h. Currently, eastbound and westbound traffic on Princess Avenue is required to stop at Estelle Avenue.

In order 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:

Estelle Avenue at Princess Avenue	Actual	Required	Satisfied (YES/NO)
Collision History (three year review)	2/3 years	6/3 years	NO
Total Vehicle Volumes	292	250 Avg/hr	YES
Vehicle & Pedestrian Volumes Crossing Major Road	112	100 Avg/hr	YES
Percent of Traffic on Major Road	63	= 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 both the Total Vehicle Volume and the Vehicle and Pedestrian Volumes Crossing the Major Road and the Percentage of Traffic on the Major Road.

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

In view of the above, we recommend the installation of an all-way stop control at the intersection of Estelle Avenue and Princess Avenue, in order to address the right-of-way concerns at this location.

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

CONTACT

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SIGNATURE

Myles Currie, B.A.
Director

ATTACHMENTS

Attachment 1: Map – All Way Stop Control; Estelle Av at Princess Av (ny08010_att1)