



STAFF REPORT ACTION REQUIRED

All-Way Stop Control: Chatsworth Drive at Chudleigh Avenue

Date:	January 16, 2008
To:	North York Community Council
From:	Director, Transportation Services Division, North York District
Wards:	Ward 16 – Eglinton-Lawrence
Reference Number:	p:\2008\ClusterB\TRA\NorthYork\ny08018 (6861)

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 Chatsworth Drive at Chudleigh Avenue.

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

RECOMMENDATIONS

Transportation Services Division, North York District recommends that:

1. traffic be required to stop on all approaches to the Chatsworth Drive and Chudleigh Avenue intersection; 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's 2008 Operating Budget estimates.

ISSUE BACKGROUND

The Transportation Services Division, North York District was requested by a member of the Audible Pedestrian Safety Committee for the Toronto District School Board, to review the feasibility of installing an all-way stop control at the intersection of Chatsworth Drive at Chudleigh Avenue. The request is based on a student experiencing difficulty crossing the roadway.

COMMENTS

Chatsworth Drive and Chudleigh Avenue are classified as local roads with posted speed limits of 40 km/h. Traffic on Chudleigh Avenue is required to stop on the east leg of this T-type intersection. Northbound and southbound traffic operates as free-flow through the intersection and is required to stop one block to the south at Greer Road (stop-controlled) and one block to the north at Lawrence Avenue West (traffic signals). Lawrence Park Collegiate is located on the west side of the intersection.

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, where Chatsworth Drive is classified as the major road:

Chatsworth Drive at Chudleigh Avenue	Actual	Required	Satisfied (YES/NO)
Collision History (three year review)	0/3 years	6/3 years	NO
Total Vehicle Volumes	223	250 /avg hr	NO
Vehicle & Pedestrian Volumes Crossing Major Road	125	100 / avg hr	YES
Percent of Traffic on Major Road	58	= 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 “Vehicle & Pedestrian Volumes Crossing Major Road” and the fact that the vehicle volume split does not exceed 70 percent.

In reviewing the most recent three-year collision history (January 1, 2005 to September 30, 2007), there have been no collisions susceptible to correction by the installation of an all-way stop control. Motorist and pedestrian sightlines were found to be clear and unobstructed for all approaches.

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

CONTACT

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SIGNATURE

Myles Currie, B.A.
Director

ATTACHMENTS

Attachment 1: Map – Chatsworth Drive at Chudleigh Avenue; All-Way Stop Control
(ny08018_map)