

All-Way Stop Control: Rumsey Road and Rolph Road

Date:	March 26, 2010
To:	North York Community Council
From:	Director, Transportation Services Division, North York District
Wards:	Ward 26 – Don Valley West
Reference Number:	<i>ny10050</i>

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 all way stop control at the intersection of Rumsey Road and Rolph Road.

The installation of an all way stop control at the intersection of Rumsey Road and Rolph Road will address the existing right-of-way concerns for motorists and pedestrians.

RECOMMENDATIONS

Transportation Services Division, North York District recommends that North York Community Council:

1. Amend the existing traffic by-laws to require traffic to stop at all approaches to the intersection of Rumsey Road and Rolph Road.

Financial Impact

All costs associated with the installation of all-way stop control are included within the Transportation Services Division's 2010 Operating Budget.

ISSUE BACKGROUND

The Transportation Services Division, North York District was requested by the area resident to consider the installation of an all-way stop control at the intersection of Rumsey Road and Rolph Road, in order to address existing right-of-way conflicts involving vehicles and pedestrians.

COMMENTS

Rumsey Road and Rolph Road are classified as local roads each having a regulatory speed limit of 40 km/h.

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:

	Rumsey Road and Rolph Road	Actual	Required	Satisfied (YES/NO)
<i>A</i>	Collision History (three year review)	0/3 yrs	6/3 yrs	NO
<i>B1</i>	Total Vehicle Volumes	74	250/avg hr	NO
<i>B2</i>	Combined Vehicle & Pedestrian Volumes Crossing Major Road	143	100/avg hr	YES
<i>B3</i>	Percentage of Traffic on Major Road	30	≤30	YES
	Overall Warrant			Yes

In order for the all way stop “Overall Warrant” to be warranted either Warrant A must be met or Warrant B1 or B2 combined with Warrant B3 must be achieved.

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 combined vehicle and pedestrian volumes crossing the major road of 143 whereas a minimum of 100 is required.

In reviewing the most recent three year collision history (January 1, 2007 to December 31, 2009), there have been ‘no’ collision 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.

In view of the above, we recommend the installation of an all way stop control at the intersection of Rumsey Road and Rolph Road intersection, in order to address the right-of-way concerns for vehicles and pedestrians at this location.

Councillor John Parker 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: Rumsey Rd and Rolph Rd (*ny10050_map*)