



## STAFF REPORT ACTION REQUIRED

### All-Way Stop Controls Not Recommended – Bathgate Drive at Clyde Road

<b>Date:</b>	October 21, 2009
<b>To:</b>	Scarborough Community Council
<b>From:</b>	Director, Transportation Services, Scarborough District
<b>Wards:</b>	Ward 44 – Scarborough East
<b>Reference Number:</b>	P:\2009\Cluster B\TRA\Scarborough\sc09072 D09-3200016 Bathgate at Clyde AWSC

#### SUMMARY

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This staff report is about a matter for which the Community Council has delegated authority from City Council to make a final decision.

The purpose of this report is to advise on the feasibility of installing All-Way Stop Controls at this intersection in Ward 44.

It is recommended that an All-Way Stop Control not be installed at Bathgate Drive and Clyde Road since the subject intersection failed to meet the required All-Way Stop Control warrants adopted by Council for use in the City of Toronto.

#### RECOMMENDATIONS

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**Transportation Services, Scarborough District, recommends that Scarborough Community Council:**

1. Not approve the installation of All-Way Stop Controls at the intersection of Bathgate Drive and Clyde Road.
2. Not pass or amend the appropriate by-law(s) accordingly.

## FINANCIAL IMPACT

There is no financial impact associated with this report; however, the financial cost of installing a new All-Way Stop Control is approximately \$600.00. Funding for these compulsory signs is available in the Transportation Services 2009 Operating Budget, within Cost Centre TPO397.

## ISSUE BACKGROUND

Further to a request from Councillor Ron Moeser, Transportation Services staff reviewed the feasibility of an all-way stop control at the intersection of Bathgate Drive and Clyde Road.

## COMMENTS

Several characteristics describing the subject intersection of Bathgate Drive and Clyde Road include:

- The noted t-type intersection is presently controlled by a stop sign on the minor approach of Clyde Road at Bathgate Drive.
- The land use on both Clyde Road and Bathgate Drive is single family dwellings.
- Bathgate Drive is a two-lane local road with a posted speed limit of 40 kilometres per hour and a traffic volume of approximately 1550 vehicles per day (vpd), with an 85<sup>th</sup> percentile speed of approximately 45 km/h.
- Bathgate Drive has a pavement width of approximately 7.0 to 7.5 metres.

A traffic study conducted at the intersection of Clyde Road at Bathgate Drive during the morning and afternoon peak hours of a typical weekday (Wednesday, February 25, 2009) produced the following results:

All-Way Stop Control Warrant (Two-Hour Study Period Average)	A Total Approach Vehicle Volume	B Vehicle/Pedestrian Volume Crossing Major Road	C Unit Volume Split* Major/Minor Roads
Bathgate Drive at Clyde Road	69	12	84/16
Warrant Requirements For Study Period Average For Local Roads	≥ 250	≥ 100	≥ 30/70 or ≤ 70/30

\* "Unit Volume Split": Major Road Volume – Vehicles only.

Minor Road Volume – Vehicles plus pedestrians crossing the major road.

For an All-Way Stop Control to be numerically justified, the traffic volume requirements for the "Study Period Average" must be completely satisfied in Categories A and C, or Categories B and C.

As outlined in the above table, the traffic volumes do not meet the requirements to install an all-way stop control at the subject intersection at this time.

In recent years (from January 1, 2004 to December 31, 2008) there has been one police recorded collision at this intersection. In this instance that occurred in August of 2005 an area resident, reportedly failed to stop at the existing southbound stop sign on Clyde Road at Bathgate Drive. Charges were ultimately laid in this occurrence. This record shows there is no indicative collision problem at this intersection at this time.

Accordingly, based on the above-mentioned traffic study results, this intersection is operating in a safe and efficient manner and as such, an All-Way Stop Control is not recommended.

## **CONTACT**

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## **SIGNATURE**

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## **ATTACHMENTS**

1. Location Plan (All-Way Stop Control Study – Bathgate Drive at Clyde Road)