



**Traffic Calming: Brucewood Crescent, Drexel Road to Prince Charles Drive**

<b>Date:</b>	June 16 ,2008
<b>To:</b>	North York Community Council
<b>From:</b>	Director, Transportation Services Division, North York District
<b>Wards:</b>	<b>Ward 15-Eglinton Lawrence</b>
<b>Reference Number:</b>	ny08072

**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.

The purpose of this staff report is to report on the feasibility of installing traffic calming measures (speed humps) on Brucewood Crescent, from Drexel Road to Prince Charles Drive.

The results of a Traffic Calming Assessment on Brucewood Crescent, from Drexel Road to Prince Charles Drive, indicate that the minimum requirements of the Traffic Calming Warrant have not been achieved.

**RECOMMENDATIONS**

---

Transportation Services Division, North York District recommends that:

1. speed humps not be installed on Brucewood Crescent, between Drexel Road and Prince Charles Drive

**FINANCIAL IMPACT**

There is no financial impact associated with the adoption of this report.

## ISSUE BACKGROUND

Transportation Services Division, North York District, was requested by Councillor Howard Moscoe, on behalf of area residents, to review the feasibility of installing traffic calming measures (speed humps) on Brucewood Crescent, between Drexel Road and Prince Charles Drive. The residents' concerns are that motorists are travelling at a high rate of speed on Brucewood Crescent.

## COMMENTS

Brucewood Crescent, from Prince Charles Drive to Drexel Road, is designated as a local road with a regulatory limit of 50 km/h. Stop controls exist at the north and south ends of this section of roadway. Currently, parking is permitted for up to a maximum of three hours on both sides of Brucewood Crescent, from Prince Charles Drive to Drexel Road.

There is a horizontal curve in the road immediately south of Prince Charles Drive. This curve is signed with the appropriate curve warning signage. In addition to the signage, a yellow centre line exists for the entire length of the curve. A municipal sidewalk is located on the east and south side of the roadway, between Prince Charles Drive and Drexel Road.

To identify existing traffic conditions, 24-hour speed and volume studies were conducted on Brucewood Crescent, from Prince Charles Drive to Drexel Road. The following table identifies the results of the historical and current studies:

Location	Dir	Speed Limit	Traffic Volume			Vehicle Speeds	
			AM Peak	PM Peak	24 Hours	Operating	Avg
77 Brucewood Cres (2008)	EB	50	90	104	1210	47	40
	WB		155	112	993	45	39
77 Brucewood Cres (2007)	EB		90	98	1514	46	39
	WB		128	92	1543	47	40
95 Brucewood Cres (2007)	EB		102	114	1506	39	33
	WB		164	116	1530	40	35
80 Brucewood Cres (2001)	EB		127	154	1563	43	37
	WB		164	163	1469	44	39

Results of the most recent (2008) vehicle speed studies confirmed that the operating speeds, the speed at which 85% of the motorists are travelling at or below, are less than 47 km/h and average speeds are less than 40 km/h.

In reviewing the traffic data collected as part of this investigation, the Safety Criteria and Technical Requirement warrants of the Traffic Calming Policy were not satisfied. Specifically, operating speeds must be greater than 10 km/h over the warranted speed limit. The Traffic Calming Warrant Summary sheet is attached.

In addition to the above analysis, staff undertook a review of the collision statistics for this section of roadway.

A review of the Toronto Police Service collision statistics indicates that there have been two collisions reported in the vicinity of the curve at the north end of the roadway, in the preceding five-years, ending December 31, 2006.

Considering the results of the study, this division does not support the installation of speed humps on Brucewood Crescent, between Drexel Road and Prince Charles Drive.

It should be noted that Councillor Moscoe has surveyed the resident of Brucewood Crescent, from Drexel Road to Prince Charles Drive and that of the 33 surveys sent out, 15 (46%) were returned. Of those surveys returned, 80% were in favour of installing speed humps.

According to the City of Toronto Traffic Calming Policy, a formal poll managed by City Clerks must be conducted of householders directly abutting or flanking the street. The policy stipulates that a minimum response of 50% plus one of affected households respond, and that 60% of valid responses support the proposal in order to implement the traffic calming plan.

Councillor Howard Moscoe has been advised of the recommendations of the staff report.

## **CONTACT**

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

## **SIGNATURE**

---

Myles Currie, B.A.  
Director

## **ATTACHMENTS**

- Attachment 1: Location Map – Brucewood Cres, Drexel Rd to Prince Charles Dr (ny08072\_map)
- Attachment 2: Traffic Calming Warrant – Brucewood Cres, Drexel Rd to Prince Charles Dr (ny08072\_warrant)