

**Traffic Calming Measures: Glenvale Boulevard, Bayview Avenue to Laird Drive and Broadway Avenue, Bessborough Drive to Don Avon Drive**

<b>Date:</b>	March 2, 2009
<b>To:</b>	North York Community Council
<b>From:</b>	Director, Transportation Services Division, North York District
<b>Wards:</b>	<b>Ward 26 – Don Valley West</b>
<b>Reference Number:</b>	ny09020

**SUMMARY**

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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 obtain approval to request the City Clerk to poll the residents of Glenvale Boulevard, from Bayview Avenue to Laird Drive and Broadway Avenue, from Bessborough Drive to Don Avon Drive, regarding the installation of traffic calming measures (speed humps as per Attachments 2 and 3), in order to determine the feasibility of installing traffic calming measures (speed humps) on Glenvale Boulevard and Broadway Avenue.

The installation of traffic calming measures would result in reduction in vehicle speeds along the subject sections of Glenvale Boulevard and Broadway Avenue.

## **RECOMMENDATIONS**

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Transportation Services Division, North York District recommends that:

1. the City Clerk be directed to undertake a poll of the residents of Glenvale Boulevard, from Bayview Avenue to Laird Drive regarding the installation of traffic calming measures (speed humps) as per Attachment 2 to determine resident support, in accordance with the City of Toronto Traffic Calming Policy;
2. the City Clerk be directed to undertake a poll of the residents of Broadway Avenue, from Bessborough Drive to Don Avon Drive regarding the installation of traffic calming measures (speed humps) as per Attachment 3 to determine resident support, in accordance with the City of Toronto Traffic Calming Policy;
3. subject to a favourable poll;
  - a. a road alteration by-law be prepared for Glenvale Boulevard, from Bayview Avenue to Laird Drive for traffic calming purposes generally as shown on the speed hump plan circulated to the residents;
  - b. a road alteration by-law be prepared for Broadway Avenue, from Bessborough Drive to Don Avon Drive for traffic calming purposes generally as shown on the speed hump plan circulated to the residents;
  - c. the speed limit be reduced from 40 km/h to 30 km/h on Glenvale Boulevard, from Bayview Avenue to Laird Drive, coincident with the implementation of the speed humps; and
  - d. the speed limit be reduced from 40 km/h to 30 km/h on Broadway Avenue, from Bessborough Drive to Don Avon Drive, coincident with the implementation of the speed humps.

## **FINANCIAL IMPACT**

All costs associated with the installation of traffic calming measures (speed humps) are included within the Transportation Services Division's 2009 Capital Budget estimate for the installation of traffic calming measures in the City of Toronto. The installation of speed humps are subject to competing priorities and budget availability.

## **ISSUE BACKGROUND**

Transportation Services Division, North York District reviewed a request from Councillor John Parker, on behalf of the residents to review the feasibility of installing traffic calming measures (speed humps) on Glenvale Boulevard, from Bayview Avenue to Laird Drive and also on Broadway Avenue, from Bessborough Drive to Don Avon Drive.

## COMMENTS

### Glenvale Boulevard

Glenvale Boulevard is a two-lane local road with a posted speed limit of 40 km/h. Municipal sidewalks exist on both north and south sides of the roadway. Traffic right-of-way at intersections on Glenvale Boulevard is controlled by all-way stop signs at Hanna Road, Rumsey Road, Sutherland Drive and Laird Drive. Westbound traffic on Glenvale Boulevard is required to stop at Bayview Avenue.

In order to identify existing traffic conditions, 24-hour vehicle speed and volume studies were undertaken. The results of the studies are detailed in the following table:

Road	Dir	Speed Limit (km/h)	Vehicle Speed		Vehicle Volume
			85 <sup>th</sup> Percentile	Average	24 hr
Glenvale Boulevard	EB	40	49	42	1999
	WB		50	44	1520

### Broadway Avenue

Broadway Avenue is a two-lane collector road with a posted speed limit of 40 km/h. Municipal sidewalks exist on both north and south sides of the roadway. Traffic right-of-way at intersections on Broadway Avenue is controlled by all-way stop signs at Bessborough Drive, Hanna Road, Rumsey Road, Sutherland Drive, Laird Drive and Don Avon Drive.

In order to identify existing traffic conditions, 24-hour vehicle speed and volume studies were undertaken. The results of the studies are detailed in the following table:

Road	Dir	Speed Limit (km/h)	Vehicle Speed		Vehicle Volume
			85 <sup>th</sup> Percentile	Average	24 hr
Broadway Avenue	EB	40	51	46	2275
	WB		45	40	2215

In reviewing the traffic data collected as part of this investigation, the “Technical Requirement” warrant of the Traffic Calming Policy were satisfied for both Glenvale Boulevard and Broadway Avenue. Specifically, the Traffic Calming Policy for the City of Toronto requires that on roads where traffic calming is being considered, the daily traffic volumes must be greater than 1,000 vehicles for local roads (Glenvale Boulevard) and greater than 2,500 vehicles for collector roads (Broadway Avenue) and operating speeds must be at least 10 km/h over the speed limit.

Accordingly, in accordance with the City of Toronto Traffic Calming Policy, a formal poll 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.

It should be noted that the installation of speed humps will generally result in a slower operating speed for all vehicles, including emergency service vehicles, and could increase response times in the event of an emergency. As such, as prescribed by the Traffic Calming Policy, staff will be requesting comments from emergency services specific to this location.

Councillor John Parker has been advised of the recommendations of the staff report.

## **CONTACT**

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## **SIGNATURE**

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Myles Currie, B.A.  
Director

## **ATTACHMENTS**

- Attachment 1: Traffic Management Plan – Glenvale Blvd, Broadway Av (*ny09020\_1*)
- Attachment 2: Speed Hump Location Plan – Glenvale Blvd (*ny09020\_2*)
- Attachment 3: Speed Hump Location Plan – Broadway Av (*ny09020\_3*)
- Attachment 4: Traffic Calming Warrant Summary – Glenvale Blvd (*ny09020\_4*)
- Attachment 5: Traffic Calming Warrant Summary – Broadway Av (*ny09020\_5*)