

Traffic Calming: Roselawn Avenue between Caldow Road and Latimer Avenue

Date:	September 19, 2012
To:	North York Community Council
From:	Acting Director, Transportation Services, North York District
Wards:	Ward 16 – Eglinton-Lawrence
Reference Number:	<i>Ny</i>

SUMMARY

This staff report is about a matter that 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 Roselawn Avenue between Caldow Road and Latimer Avenue.

The results of a Traffic Calming Assessment on Roselawn Avenue between Caldow Road and Latimer Avenue indicate that the minimum requirements of the Traffic Calming Warrant have not been achieved.

RECOMMENDATIONS

Transportation Services, North York District recommends that:

1. Speed humps not be installed on Roselawn Avenue between Caldow Road and Latimer Avenue.

Financial Impact

There are no financial impacts associated with the adoption of this report.

ISSUE BACKGROUND

Transportation Services, North York District has reviewed a request from Councillor Karen Stintz on behalf of area residents to investigate the following:

- the feasibility of installing traffic calming measures (speed humps) on Roselawn Avenue between Caldwell Road and Latimer Avenue.
- request that a poll of the residents be undertaken to determine if there is support for the installation of traffic calming.

It should be noted that the residents' concerns are that motorists are travelling at a high rate of speed on Roselawn Avenue.

COMMENTS

Roselawn Avenue from Bathurst Street to Avenue Road is a two-lane collector road with a pavement width of approximately 8.5 metres. There are municipal sidewalks on both sides of Roselawn Avenue between Caldwell Road and Latimer Avenue. The section of Roselawn Avenue between Avenue Road and Latimer Avenue has a posted speed limit of 30 km/h and is augmented by the installation of traffic calming (speed humps). It should also be noted that within this section of roadway there are five intersecting roadways, all of which are controlled by an all way stop control. As for the section of roadway between Bathurst Street and Latimer Avenue, this section of roadway has a posted speed limit of 40 km/h and three intersections, one of which is controlled by an all way stop and one by traffic control signals.

To identify existing traffic conditions, 24-hour speed and volume studies were conducted on Roselawn Avenue between Bathurst Street and Latimer Avenue on November 15, 2011. The following table identifies the results of those studies:

Roselawn Avenue	Dir	Speed Limit (km/h)	Vehicle Speeds (km/h)		Traffic Volume		
			Operating	Average	AM Peak Hr	PM Peak Hr	24 Hrs
Bathurst St to Chaplin Cres	EB	40	29	20	328	239	2879
	WB		32	24	263	314	2795
Chaplin Cres to Caldwell Rd (at #625 Roselawn Ave)	EB		47	38	410	394	4365
	WB		47	39	298	342	3453
Chaplin Cres to Caldwell Rd (50 m west of Caldwell Rd)	EB		40	30	314	282	2899
	WB		45	35	323	334	3267
Caldwell Rd to Wingate Pl	EB		46	39	463	412	4090
	WB		45	37	325	394	3519

Results of the vehicle speed studies confirm that operating speeds, the speed at which 85% of the motorists are travelling at or below is 47 km/h, and the average vehicle speeds are at or below 39 km/h.

In reviewing the traffic data collected as part of this investigation, the "Technical Requirement" warrant of the Traffic Calming Policy is not satisfied. Specifically, the operating speed 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 has been one reported collision involving speeding or pedestrians, in the preceding three years, ending December 31, 2011.

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.

Considering the results of the study, this Division does not support the installation of speed humps on Roselawn Avenue between Caldwell Road and Latimer Avenue and as such does not recommend that the City Clerks Registry Office be directed to conduct a poll of the residents.

Notwithstanding, should North York Community Council support the process of a formal poll, then it should be noted that a maximum of three speed humps can be installed on Roselawn Avenue between Caldwell Road and Latimer Avenue as follows:

- approximately 20 metres east of Wingate Place;
- approximately 45 metres west of Wingate Place; and
- approximately 75 metres east of Caldwell Road

The Ward Councillor has been advised of the recommendation contained within this report.

CONTACT

Ann S. Khan, P. Eng.
Manager, Traffic Operations
Transportation Services, North York District
Tel: 416-395-7463 Fax: 416-395-7544
Email: akhan5@toronto.ca

SIGNATURE

Pascoal D'Souza, C.E.T.
Acting Director

ATTACHMENTS

- Attachment 1: Traffic Calming Plan – Roselawn Avenue, Caldow Rd to Latimer Ave
(Dwg. No EY12-130A)
- Attachment 2: Speed Hump Detail
- Attachment 3: Traffic Calming Warrant Sheet – Roselawn Ave, Caldow Rd to Latimer Ave