

Traffic Calming - Pineway Boulevard

Date: January 14, 2019

To: North York Community Council

From: Acting Director, Traffic Management, Transportation Services

Wards: Ward 17 - Don Valley North

SUMMARY

This staff report is about a matter for which 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.

Transportation Services staff have reviewed the need for traffic calming on Pineway Boulevard, between Bernick Road and Weatherstone Crescent (north intersection), to address residents' concerns regarding vehicle speeds. Our assessment indicates the criteria as set out in the traffic calming policy has been satisfied. Therefore, traffic calming should be installed on the subject section of Pineway Boulevard, subject to positive results of the traffic calming poll.

RECOMMENDATIONS

The Acting Director, Traffic Management, Transportation Services recommends that North York Community Council:

1. Direct City Clerks to poll eligible householders on Pineway Boulevard, between Bernick Road and Weatherstone Crescent (north intersection), to determine whether residents support the installation of traffic calming, in accordance with the City of Toronto Traffic Calming Policy.
2. Subject to favourable results of the poll:
 - a. Direct the City Solicitor to prepare a by-law to alter the roadway to install five speed humps on Pineway Boulevard, between Bernick Road and Weatherstone Crescent (north intersection), generally as shown on Drawing No. NYRD19-0001, dated January 2019, attached to the report entitled "Traffic Calming - Pineway Boulevard" from the Acting Director, Transportation Services, Traffic Management.
 - b. Reduce the speed limit from 40 km/h to 30 km/h on Pineway Boulevard, between Bernick Road and Weatherstone Crescent (north intersection), when speed humps are installed.

FINANCIAL IMPACT

The estimated cost for installing five speed humps on Pineway Boulevard is \$20,000.00. The installation of speed humps on Pineway Boulevard would be subject to availability in Transportation Services 2019 Capital Funding and competing priorities.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services was requested by former Councillor David Shiner, on behalf of local residents, to investigate the feasibility of installing traffic calming measures (speed humps) on Pineway Boulevard, between Bernick Road and Weatherstone Crescent (north intersection). The residents are concerned that motorists travel at a high rate of speed on Pineway Boulevard, and have submitted a petition in support of this request.

Pineway Boulevard, between Bernick Road and Weatherstone Crescent (north intersection), is a two-lane local street with a pavement width of approximately 8.5 metres and a posted speed limit of 40 km/h. It has a daily two-way traffic volume of approximately 1,500 vehicles. There are sidewalks on both sides of the street. Heavy vehicles are prohibited at all times and there is no TTC service provided on Pineway Boulevard.

The land use on Pineway Boulevard and the surrounding area is mainly comprised of residential dwellings. The significant pedestrian generators on this street include the following:

- Pineway Public School, which serves kindergarten to grade five and also includes an on-site child care centre; and
- Pineway Park.

Due to the above-noted school, Pineway Boulevard, between Bernick Road and Weatherstone Crescent (north intersection), has been designated as a Community Safety Zone.

Analysis

To identify the existing traffic conditions, a 24-hour speed and volume study was conducted on Pineway Boulevard, between Bernick Road and Weatherstone Crescent (north intersection), over a three day mid-week period in November 2018. The following table identifies the results of the study:

Table 1: 24-Hour Speed and Volume Study - Pineway Boulevard (November 6-8, 2018)

Section	Direction	Speed Limit	Vehicle Speed		Traffic Volumes		
			Operating*	Average	AM	PM	24 hour
Bernick Road to Reiber Crescent	Northbound	40 km/h	50 km/h	42 km/h	187	145	908
	Southbound		45 km/h	38 km/h	121	80	706
Reiber Crescent to Weatherstone Crescent (north intersection)	Northbound		47 km/h	39 km/h	142	118	791
	Southbound		46 km/h	39 km/h	83	58	606

In reviewing the traffic data collected as part of this investigation, the "Technical Requirements" warrant of the Traffic Calming Policy is satisfied on Pineway Boulevard. Specifically:

- The operating speed on one of the street's sections is greater than 10 km/h over the speed limit. The operating, or 85th percentile speed, is the speed at which 85 percent of traffic travels at, or below; and
- The average daily traffic volumes recorded were approximately 1,400 to 1,600 vehicles, which is greater than the required minimum of 1,000 vehicles.

A review of Toronto Police Services collision records for a three-year period ending August 31, 2018 did not find any reported collisions on Pineway Boulevard attributed to speeding.

Conduct Poll

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

Subject to approval by North York Community Council of the recommendations outlined above, Transportation Services would request a poll of eligible residents on Pineway Boulevard, between Bernick Road and Weatherstone Crescent (north intersection). If the poll supports speed humps, Transportation Services would schedule installation based on relative need and competing priorities.

Relative Priority and Other Impacts

Relative need and priority of speed hump installation is based on a technical assessment of traffic volume, vehicle speed percentages, speed-related collisions, and the presence of schools, parks, seniors' residences or bicycle routes. Pineway

Boulevard, between Bernick Road and Weatherstone Crescent (north intersection), scored 46 ranking points out of a possible 100.

No alterations to parking regulations are required, nor would the number of parking spaces be affected by the installation of speed humps. Installation of speed humps will have minimal effect on winter services, street cleaning and garbage collection.

Speed humps will result in slower operating speeds for all vehicles, including emergency service vehicles, and could result in increased response times in the event of an emergency.

Emergency Services Comments

Consultation with emergency services (Police, Fire and Paramedic Services) is required in order to ensure that the design of a traffic calming proposal does not unduly affect their operations. Comments were requested but have not been received from emergency services.

The Ward Councillor is aware of the recommendations of this staff report.

CONTACT

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SIGNATURE

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ATTACHMENTS

Attachment 1: Map - Traffic Calming - Pineway Boulevard
Attachment 2: Appendix A - Traffic Calming Summary