

Speed Humps - Kingsway Crescent between Bannon Avenue and Government Road

Date: February 7, 2024

To: Etobicoke York Community Council

From: Director, Traffic Management, Transportation Services

Wards: Ward 3 - Etobicoke-Lakeshore

SUMMARY

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

Etobicoke York Community Council, at its meeting on January 19, 2024, authorized the installation of traffic calming (speed humps) on Kingsway Crescent between Bannon Avenue and Government Road. In addition, they requested the Manager, Traffic Operations to report back to the February 26, 2024, meeting of the Etobicoke York Community Council with the number and location of speed humps.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services recommends that:

1. Etobicoke York Community Council direct the City Solicitor to prepare a by-law to alter the roadway for the installation of one speed hump on Kingsway Crescent between Bannon Avenue and Government Road, generally as shown on Attachment 2, Drawing TC-233 dated February 2024, attached to the report entitled "Traffic Calming Speed Humps - Kingsway Crescent between Bannon Avenue and Government Road" from the Director, Traffic Management, Transportation Services.

FINANCIAL IMPACT

The estimated cost for installing one speed hump on Kingsway Crescent is \$4000.00. Funding is subject to availability and competing priorities within the Transportation Services interim 2024 Capital Budget.

DECISION HISTORY

Etobicoke York Community Council, at its meeting on January 19, 2024, adopted Item EY10.12 entitled "Traffic Calming Measures on Kingsway Crescent between Thorndale Avenue and Queen Anne Road", authorizing traffic calming (speed humps) on Kingsway Crescent between Bannan Avenue and Government Road.

<https://secure.toronto.ca/council/agenda-item.do?item=2024.EY10.12>

COMMENTS

Etobicoke York Community Council, at its meeting on January 19, 2024, authorized the installation of traffic calming (speed humps) on Kingsway Crescent between Bannan Avenue and Government Road. In addition, they requested the Manager, Traffic Operations to report back to the February 26, 2024, meeting of the Etobicoke York Community Council with the number and location of speed humps.

Existing Conditions

Kingsway Crescent is characterized by the following conditions:

- It is a two-lane, north-south, local roadway
- It operates two-way traffic on a pavement width of approximately 7.5 metres
- The daily two-way traffic volume is approximately 900 vehicles
- The speed limit is 40 km/h
- Heavy trucks are prohibited at all times
- There is no Toronto Transit Commission (TTC) service provided
- There is a sidewalk located on one side of the street

The land use in the area consists of detached residential dwelling. This subject section of Kingsway Crescent is not within designated Community Safety Zone.

A map of the area and proposed locations of the speed humps/speed cushions is included in Attachment 2.

Study Results

As part of the assessment of the warrant criteria, a vehicle speed and volume study was conducted on Kingsway Crescent on December 7, 2023.

The study results on Kingsway Crescent disclosed the following:

- 24-hour total vehicle volume is 905 vehicles
- The block length from Government Road to Bannan Avenue/Woodhaven Heights is 215 metres
- The operating speed, which is the speed at which 85 percent of traffic is travelling at or below, was observed at 42 km/h
- The 95th percentile speed, which is the speed at which 95 percent of traffic is travelling at or below, was observed at 48 km/h

Based on the study results, Kingsway Crescent has satisfied the warrant criteria for both minimum block length and minimum vehicle speed. The block length was greater than 120 metres and the operating speed is 12 km/h over the warranted speed of 30 km/h.

The overall investigation concluded that the eligibility and warrant criteria as outlined in the updated Traffic Calming Policy has been satisfied.

Relative Priority and Other Impacts

In the event that the number of approved requests for roadway traffic calming measures exceed the budget allocated for installation, funding for approved installations will be prioritized using a Prioritization Score. This score is made up of a Quantitative Score and a Qualitative Score.

The Quantitative Score is based on the results of the data collection, including travel speeds and traffic volumes to prioritize locations with higher vehicle speeds and volumes.

The Qualitative Score includes:

- Collision history to prioritize locations with a history of serious injury or fatal collisions and those involving a pedestrian or cyclist
- Equity to prioritize equity-deserving communities with a high-concentration of priority populations and those that are transportation disadvantaged
- Expected presence of vulnerable road users (elderly population, school children and pedestrians, including transit riders) to prioritize locations with a higher risk of fatal and serious injury collisions

The Quantitative and Qualitative Scores are averaged to provide the complete Prioritization Score. Kingsway Crescent between Bannan Avenue and Government Road scored 8 ranking points out of a possible 100.

No alterations to parking regulations will be required, nor will 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.

Comments have not been received back at the time of writing this report from Toronto Police Service, Toronto Paramedic Services or Toronto Fire Services. Installing speed humps will result in slower operating speeds for all vehicles, including emergency service vehicles.

The Ward Councillor has been advised of the recommendations in this report.

CONTACT

Shawn Dillon, Manager Traffic Operations (Area 2), Transportation Services
416-394-8409, Shawn.Dillon@toronto.ca

SIGNATURE

Roger Browne, M.A.Sc., P. Eng.
Director, Traffic Management, Transportation Services

ATTACHMENTS

Attachment 1: Traffic Calming Warrant - Kingsway Crescent
Attachment 2: Speed Hump Locations Plan - Kingsway Crescent