

## **Traffic Calming - King High Avenue and Allingham Gardens**

**Date:** October 23, 2017

**To:** North York Community Council

**From:** Acting Director, Transportation Services, North York District

**Wards:** Ward 10 - York-Centre

### **SUMMARY**

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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 is reporting on the results of the traffic calming measures (speed humps) investigation on King High Avenue, between Invermay Avenue and Allingham Gardens, and on Allingham Gardens, between King High Avenue and Wilson Avenue.

The results of the traffic calming assessment on the sections of King High Avenue and Allingham Gardens indicate that the minimum requirements of the traffic calming warrant have not been achieved. Therefore, traffic calming should not be installed on either King High Avenue or Allingham Gardens.

### **RECOMMENDATIONS**

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

1. Deny the installation of speed humps on King High Avenue, between Invermay Avenue and Allingham Gardens.
2. Deny the installation of speed humps on Allingham Gardens, between King High Avenue and Wilson Avenue.

### **FINANCIAL IMPACT**

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

If, however, North York Community Council decides speed humps on King High Avenue, between Invermay Avenue and Allingham Gardens, and on Allingham Gardens, between King High Avenue and Wilson Avenue, would be beneficial, the following financial impacts will result:

The estimated cost for installing approximately four speed humps on King High Avenue, between Invermay Avenue and Allingham Gardens, is \$12,800.00.

The estimated cost for installing approximately one speed hump on Allingham Gardens, between King High Avenue and Wilson Avenue, is \$3,200.00.

Funds in the amount of \$298,000 have been approved in Transportation Services' 2017 Capital Budget submission for traffic calming initiatives; however, all funds have been fully allocated. Installing speed humps on King High Avenue and Allingham Gardens would be subject to competing priorities and funding availability in 2018.

## **DECISION HISTORY**

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This report addresses a new initiative.

## **COMMENTS**

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Transportation Services was requested by Councillor James Pasternak, on behalf of the local residents, to investigate the feasibility of installing traffic calming measures (speed humps) on King High Avenue, between Invermay Avenue and Allingham Gardens, and on Allingham Gardens, between King High Avenue and Wilson Avenue. The residents are concerned that motorists are travelling at a high rate of speed on King High Avenue and on Allingham Gardens.

King High Avenue is a two-lane local street with a pavement width of approximately 8.5 metres and a posted speed limit of 40 km/h. There are municipal sidewalks on the east side of this street. Allingham Gardens is the continuation of King High Avenue, changing street names south of Wigan Crescent. It is a two-lane local street, with a pavement width of approximately 8.5 metres and a posted speed limit of 40 km/h. There are municipal sidewalks on both sides of this street. Heavy trucks are prohibited at all times on both King High Avenue and Allingham Gardens and there is no TTC service provided on either street.

To identify the existing traffic conditions, 24-hour speed and volume studies were conducted on King High Avenue, between Invermay Avenue and Allingham Gardens, and on Allingham Gardens, between King High Avenue and Wilson Avenue, on December 14, 2016.

The following tables identify the results of those studies:

Table 1: 24-Hour Speed and Volume Studies - Allingham Gardens

Section of Allingham Gardens	Direction	Posted Speed Limit	Vehicle Speeds		Traffic Volume		
			Average	Operating	AM 7-8	PM 4-5	24 Hour
Wigan Crescent and Wilson Avenue	Northbound	40 km/h	34	42	79	289	1,539
	Southbound		32	39	151	109	1,425

Table 2: 24-Hour Speed and Volume Studies - King High Avenue

Section of King High Avenue	Direction	Posted Speed Limit	Vehicle Speeds		Traffic Volume		
			Average	Operating	AM 7-8	PM 4-5	24 Hour
Invermay Avenue and De Quincy Boulevard	Northbound	40 km/h	37	44	119	143	1,070
	Southbound		32	38	127	130	1,066
De Quincy Boulevard and Robbie Avenue	Northbound		37	44	75	140	894
	Southbound		37	44	114	75	858
Robbie Avenue and Wigan Crescent	Northbound		39	48	71	153	991
	Southbound		40	49	112	77	909

Results of the vehicle speed studies confirm that operating speeds, the speeds at which 85% of the motorists are travelling at or below, are less than 49 km/h in all sections, and the average vehicle speeds are at or below 40 km/h in all sections.

In reviewing the traffic data collected as part of this investigation, the "Technical Requirements" warrant of the Traffic Calming Policy is not satisfied. Specifically operating speeds must be greater than 10 km/h over the posted speed limit.

A review of Toronto Police Services collision records for a three-year period ending August 31, 2017 did not find any reported collisions on King High Avenue and Allingham Gardens attributed to speeding.

### Alternate Recommendations

If, despite the findings above, North York Community Council determines that installing speed humps on King High Avenue and on Allingham Garden, would be beneficial, it may approve the following:

"That the North York Community Council direct that:

1. The Acting Director of Transportation Services, North York District request the City Clerk to poll eligible householders on King High Avenue, between Invermay Avenue and Allingham Gardens, and on Allingham Gardens, between King High Avenue and Wilson Avenue, 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, the City Solicitor:

a. Prepare a by-law to alter sections of the roadway on King High Avenue, between Invermay Avenue and Allingham Gardens, and on Allingham Gardens, between King High Avenue and Wilson Avenue, for traffic calming purposes, generally as shown in the speed hump plan that Transportation Services circulates to residents during the polling process; and

b. Approve the reduction of the speed limit from 40 km/h to 30 km/h on King High Avenue, between Invermay Avenue and Allingham Gardens, and on Allingham Gardens, between King High Avenue and Wilson Avenue, when speed humps are installed."

## **Conduct Poll**

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 percent plus one of affected households 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 alternate recommendations outlined above, Transportation Services would request a poll of eligible residents on King High Avenue, between Invermay Avenue and Allingham Gardens, and on Allingham Gardens, between King High Avenue and Wilson Avenue. 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.

King High Avenue, between Invermay Avenue and Allingham Gardens, scored 21 ranking points out of a possible 100.

Allingham Gardens, between King High Avenue and Wilson Avenue, scored 29 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 would have minimal effect on winter services, street cleaning and garbage collection. Speed humps would 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 and layout of a traffic calming proposal does not unduly affect their operations. Comments have been requested from emergency services on the speed hump proposals on King High Avenue and Allingham Gardens.

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

## **CONTACT**

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## **SIGNATURE**

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Peter K. Hillier  
Acting Director

## **ATTACHMENTS**

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Attachment 1: Map - Traffic Calming: King High Avenue and Allingham Gardens  
Attachment 2: Traffic Calming Warrant Criteria: King High Avenue and Allingham  
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