

Traffic Calming - Centennial Park Road, between Centennial Park Gate to the north end Centennial Park Road

Date: June 9, 2022

To: Etobicoke York Community Council

From: Director, Traffic Management, Transportation Services

Wards: Ward 2 - Etobicoke Centre

SUMMARY

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

Transportation Services is recommending the installation of speed humps on Centennial Park Road, between Centennial Park Gate to the north end of Centennial Park Road. Staff's assessment indicates that although the criteria set out in the Traffic Calming Policy has not been satisfied, Transportation Services has reviewed the subject section of roadway and has concluded that traffic calming is justified. In addition, Transportation Services is recommending that the requirement to poll the residents be waved, as there are no properties within the subject road section that would be subject to polling.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services recommends that:

1. Etobicoke York Community Council authorize the installation of speed humps on Centennial Park Road, between Centennial Park Gate to the north end of Centennial Park Road.

2. Subject to approval of recommendation 1:

Etobicoke York Community Council, direct the City Solicitor to prepare a by-law to alter sections of the roadway to install four speed humps on Centennial Park Road, between Centennial Park Gate to the north end of Centennial Park Road, generally as shown on Attachment 2 and 3, dated June 2022, attached to the report entitled "Speed Hump Location Plan - Centennial Park Road: Centennial Park Gate - North End" from the Director, Traffic Management, Transportation Services.

3. Subject to approval of recommendations 1 and 2:

Etobicoke York Community Council, reduce the speed limit from 40 km/h to 30 km/h on Centennial Park Road, between Centennial Park Gate and the north end of Centennial Park Gate, in conjunction with the installation of speed humps.

FINANCIAL IMPACT

The estimated cost for installing four speed humps on Centennial Park Road is \$16,000. Funding is subject to availability and competing priorities within the Transportation Services 2023 Capital Budget.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

Transportation Services received a request from the Ward Councillor, on behalf of area residents, to investigate the feasibility of installing physical traffic calming (speed humps) on Centennial Park Road, between Centennial Park Gate to the north end of Centennial Park Road due to safety concerns arising from motorist's illegal activity in the area.

Existing Conditions

Centennial Park Road 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 851 vehicles
- The speed limit is 40 km/h
- Heavy trucks are permitted at all times
- There is no TTC service provided
- There are no sidewalks on either side of the street
- Parking is prohibited at all times on both sides of the roadway

The land use in the area consists of City of Toronto parkland and facilities. In addition, the Hollycrest Middle School backs onto a portion of the subject street. Centennial Park Road is not within a designated Community Safety Zone.

Maps of the area and proposed locations of the speed humps are included in Attachments 2 and 3.

Study Results

In order for speed humps to be recommended on a street, the criteria as set out in the City of Toronto's Traffic Calming Policy must be satisfied. The warrant criteria includes factors such as vehicle speed and volume, road widths, pedestrian facilities and gradient. Details of the warrant criteria are included in Attachment 1.

As part of the assessment of the warrant criteria, a vehicle speed and volume study was conducted on Centennial Park Road on Thursday November 25, 2021. The operating speed, which is the speed at which 85 percent of traffic is travelling at or below, was observed at 49 km/h. The operating speed is 9 km/h over the warranted speed of 40 km/h. The 24-hour total vehicle volume is 851 vehicles which is close to the required minimum of 1,000 vehicles per day for local roads.

The overall investigation concluded that the warrant criteria as outlined in the Traffic Calming Policy has not been satisfied. However, given the surrounding land use, the speed and volume of traffic on the subject road section and observations in the area that indicate illegal activity of vehicles, staff recommend the installation of speed humps on Centennial Park Road, between Centennial Park Gate and the north end of Centennial Park Road.

Polling Requirement

The City of Toronto Traffic Calming Policy requires that the City Clerk (Polling Registry Services) formally poll property owners/occupants who are directly affected by the installation of traffic calming measures. On the subject section of Centennial Park Road, there are no properties which would be eligible to be polled. The adjacent land consists of public parks, sports fields, ice rink and Hollycrest Middle School which backs onto Centennial Park Road.

Transportation Services staff will schedule installation based on relative need and competing priorities.

Relative Priority and Other Impacts

Relative need and priority of speed humps installation is based on a technical assessment of traffic volume, vehicle speed percentages, speed-related collisions, and the presence of schools, parks, seniors' residences and bicycle routes. Centennial Park Road, between Centennial Park Gate and the north end of Centennial Park Road, scored 41.94 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.

Consultation with emergency services (Toronto Police Service, Toronto Fire Services and Toronto Paramedic Services) is required to ensure that the design and layout of a traffic calming proposal does not unduly affect their operations. Emergency services were advised of this proposal. Toronto Fire Services responded and advised they do not support the installation of speed humps as it may negatively impact their service delivery. A copy of their full response is included in Attachment 4. Toronto Paramedic Services and the Toronto Police Service have not provided comments back at the time of writing this report. 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

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SIGNATURE

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

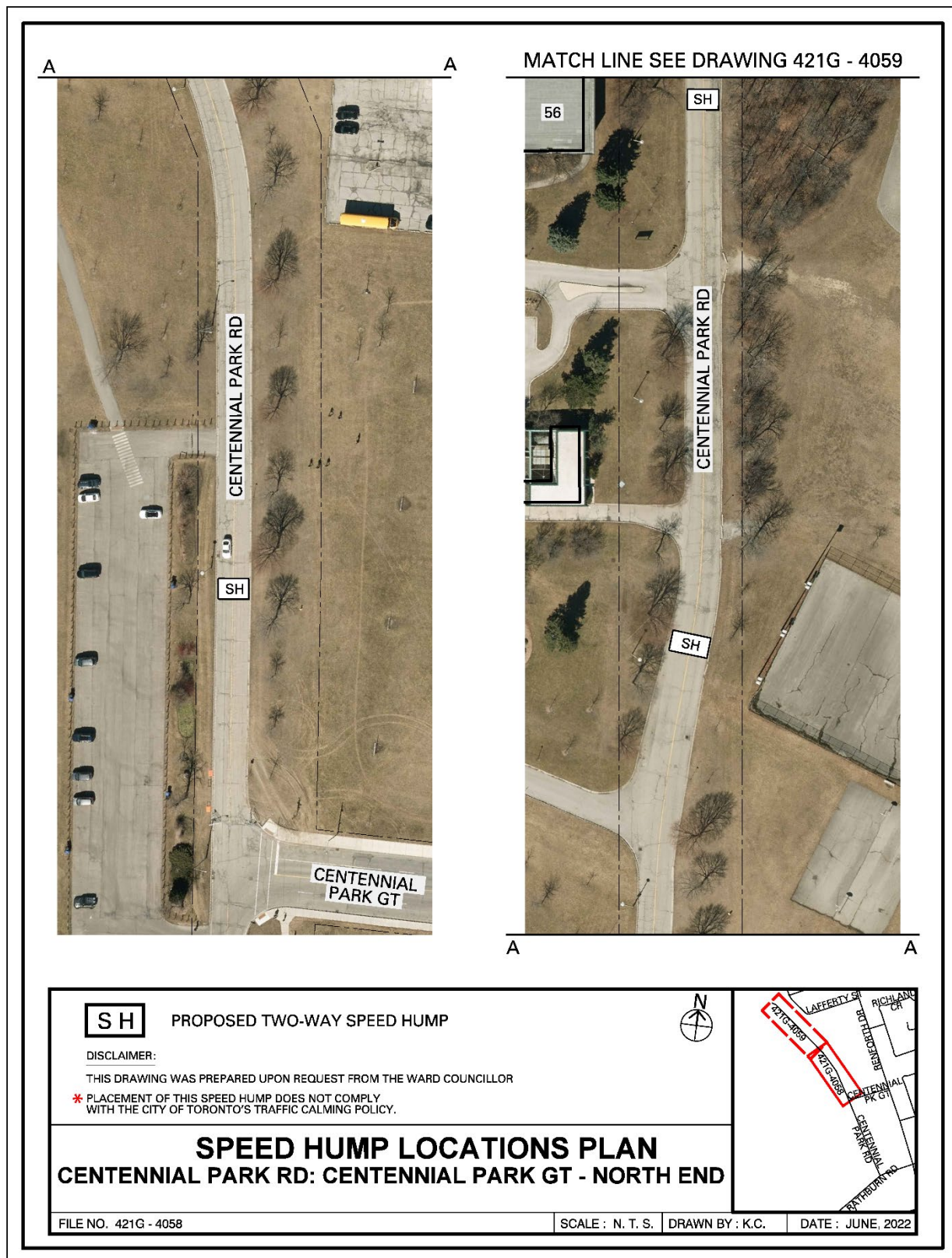
ATTACHMENTS

Attachment 1: Traffic Calming Warrant - Centennial Park Road
Attachments 2 and 3: Speed Hump Locations Plan - Centennial Park Road
Attachment 4: Letter from Toronto Fire Services, dated May 5, 2022

Attachment 1: Traffic Calming Warrant - Centennial Park Road

Warrant Criteria	Requirement	Warrant Satisfied?
Petition	Petition signed by at least 25% of the households on the street and/or 10% multiple family rental dwellings OR A direct request from the Ward Councillor	Yes
Impacts to Adjacent Streets	No significant traffic impacts on adjacent streets	Yes
Sidewalks	Are there continuous sidewalks on at least one side of street (both sides for collector or higher classification) OR On streets where no sidewalks exist, installation of sidewalks on at least one side must first be considered	No
Road Grade	Road grade 5% or less OR between 5% and 8% road grade may be considered. Investigation must determine installation to be safe.	Yes
Emergency Response	Emergency Services have noted that the impact of traffic calming, specifically speed humps, will not significantly affect service delivery	No
Minimum Speed	The 85th percentile speed must be a minimum of 10 km/h over the warranted speed limit and the traffic volume warrant must be satisfied OR On streets where the 85th percentile speed exceeds the warranted speed limit by a minimum of 15 km/h, there is no minimum traffic volume required	No (49 km/h)
Traffic Volumes	Local road traffic volume must be between 1,000 and 8,000 vehicles per day OR Collector road traffic volume must be between 2,500 and 8,000 vehicles per day	No (851 vpd)
Minimum Block Length	On streets where mid-block traffic calming measures are proposed, the minimum block length must exceed 120 metres	Yes
Transit Service	No significant impacts on regularly scheduled Toronto Transit Service vehicles (as determined in consultation with TTC staff)	Yes

Attachment 2: Speed Hump Locations Plan - Centennial Park Road



Attachment 3: Speed Hump Locations Plan - Centennial Park Road



MATCH LINE SEE DRAWING 421G - 4058

SH PROPOSED TWO-WAY SPEED HUMP		
DISCLAIMER: THIS DRAWING WAS PREPARED UPON REQUEST FROM THE WARD COUNCILLOR * PLACEMENT OF THIS SPEED HUMP DOES NOT COMPLY WITH THE CITY OF TORONTO'S TRAFFIC CALMING POLICY.		
SPEED HUMP LOCATIONS PLAN CENTENNIAL PARK RD: CENTENNIAL PARK GT - NORTH END		
FILE NO. 421G - 4059	SCALE : N. T. S.	DRAWN BY : K.C.
		DATE : JUNE, 2022

Attachment 4: Letter from Toronto Fire Services, dated May 5, 2022



Tracey Cook
Deputy City Manager

Emergency Management

Fire Services
75 Toryork Drive
Toronto, Ontario

Tel: 416-338-9510
Fax: 416-338-9527

May 5, 2022

Mladen Lucic
Engineering Technologist Technician 1
Transportation Services
Traffic Operation, Etobicoke York District

**RE: Centennial Park Road between Centennial Park Gate and end of Centennial Park Road -
Evaluation for installation of traffic calming devices.**

Fire Services generally has concerns with all proposed speed hump installation as they may negatively impact service delivery. The physical restriction imposed by a speed hump have a much greater impact on large fire vehicles. Response time increase with every obstacle encountered on route to any emergency incident and the cumulative impact of several speed hump can be a significant amount of time.

In this particular proposed location the impacts would be minimal as the end section of Centennial Park Road serves a minimal number of properties, parklands and sporting facilities. As the indicated intention of theses speed humps is to reduce/eliminate ongoing illegal street racing that occurring on the street, Fire Services is supportive of initiatives to eliminating this risk. We would however request that the number of speed humps be reduced if possible, keeping in mind that one or two speed humps may achieve the desired objective, while minimizing impact to responding emergency vehicles.

Regards,

Terry Bruining
Emergency Management
Toronto Fire Services