

Traffic Calming (Speed Humps) - Via Bagnato

Date: April 22, 2024

To: North York Community Council

From: Director, Traffic Management, Transportation Services

Wards: Ward 8, Eglinton-Lawrence

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 Via Bagnato, between Dane Avenue and Lawrence Avenue West. Staff's assessment indicates the criteria as set out in the updated Traffic Calming Policy has been satisfied. Therefore, speed humps should be installed on Via Bagnato, between Dane Avenue and Lawrence Avenue West.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services recommends that:

1. North York Community Council authorize the installation of speed humps on Via Bagnato, between Dane Avenue and Lawrence Avenue West.
2. North York Community Council direct the City Solicitor to prepare a by-law to alter the roadway for the installation of two (2) speed humps on Via Bagnato, between Dane Avenue and Lawrence Avenue West, generally as shown on Attachment 2, Drawing TC-249 dated April 2024, attached to the report entitled "Traffic Calming (Speed Humps) - Via Bagnato, between Dane Avenue and Lawrence Avenue West" from the Director, Traffic Management, Transportation Services.
3. The enactment of by-laws to authorize the traffic calming and road alteration identified in Recommendation Nos. 1 and 2 above shall not be deemed to be an assumption by the City of the public highways noted so as to render the City liable for the repair or for any damages resulting from the non-repair within the meaning of the City of Toronto Act, 2006, Section 42, nor shall the enactment of by-laws be deemed to be an assumption by the City under the provisions of the Subdivision Agreement between Dufflaw Realty Ltd. and the City dated June 1, 2015, as amended.

FINANCIAL IMPACT

The estimated cost for installing two (2) speed humps on Via Bagnato, between Dane Avenue and Lawrence Avenue West is \$8,000. Funding is subject to availability and competing priorities within the Transportation Services 2024 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 speed humps on Via Bagnato, between Dane Avenue and Lawrence Avenue West. The residents are concerned that motorists travel at a high rate of speed on Via Bagnato.

Existing Conditions

Via Bagnato is characterized by the following conditions:

- It is a two-lane, north-south local roadway, with an east-west curved middle section
- It operates two-way traffic on a pavement width of approximately 8.5 metres
- The daily two-way traffic volume is approximately 2,750 vehicles
- The signed speed limit is 40 km/h but a 30 km/h limit has been approved
- Heavy trucks are prohibited at all times
- There is no Toronto Transit Commission (TTC) service provided
- There are sidewalks located on both sides of the street

The land use along Via Bagnato consists of medium and high-rise residential buildings. The surrounding area consists of detached residential dwellings interspersed with a few small commercial businesses. Dane Parkette is located on the east side of the street. Dane Avenue Child Care is located on the southwest corner of the intersection of Dane Avenue and Via Bagnato/Mulholland Avenue. This subject section of Via Bagnato is not within a designated Community Safety Zone.

A map of the area and proposed locations of the speed humps 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 Via Bagnato on October 10-12, 2023.

The study results on Via Bagnato disclosed the following:

- 24-hour total vehicle volume is 2,731 vehicles
- The block length from Dane Avenue to Lawrence Avenue West is 297 metres
- The operating speed, which is the speed at which 85 percent of traffic is travelling at or below, was observed at 38 km/h
- The 95th percentile speed, which is the speed at which 95 percent of traffic is travelling at or below, was observed at 42 km/h

Based on the study results, Via Bagnato 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 8 km/h over the approved but not yet signed speed limit 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. Therefore, staff recommend the installation of speed humps on Via Bagnato.

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. Via Bagnato, between Dane Avenue and Lawrence Avenue West, scored 45 ranking points out of a possible 100.

No alterations to parking regulations will be required, nor will the installation of speed humps affect the number of parking spaces. 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. Toronto Paramedic Services expressed no concerns with regards to installation of speed humps on Via Bagnato. Copies of their responses are included as Attachments 3 and 4, respectively. Toronto Police Service has 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

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

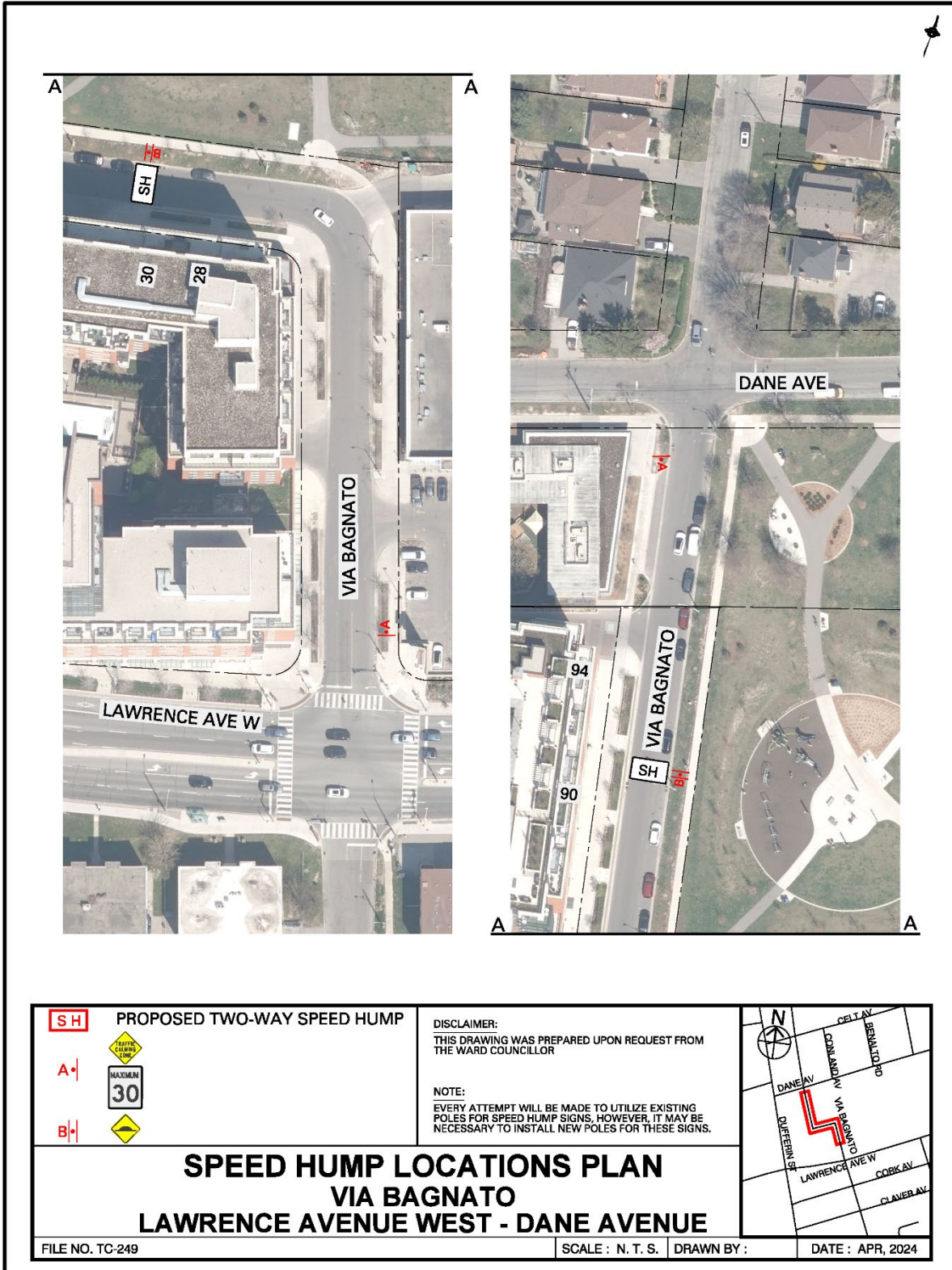
ATTACHMENTS

Attachment 1: Traffic Calming Warrant - Via Bagnato
Attachment 2: Speed Hump Locations Plan - Via Bagnato
Attachment 3: Letter from Toronto Fire Services, dated February 29, 2024
Attachment 4: Letter from Toronto Paramedic Services, dated March 4, 2024

Attachment 1: Traffic Calming Warrant - Via Bagnato

Criteria		Requirement	Warrant Satisfied?
Community Support		A direct request from the Ward Councillor OR identified by Transportation Services in consultation with the Ward Councillor	Yes
Eligibility Criteria	Road Classification	Classified as a local or collector roadway, according to the Toronto Road Classification System	Yes
	Sidewalks	Presence of a sidewalk on at least one side of a local roadway and both sides of a collector roadway is preferred but not required	Yes
	Traffic Volume	Maximum average daily traffic volume of less than 8,000 vehicles per day	Yes
	Road Grade	Maximum roadway grade of up to 5%, can be considered in locations where the road grade is between 5% and 8% with additional review	Yes
	Emergency Services	No significant impacts on emergency services, including Toronto Fire, Paramedic and Police Services	No
	Transit Services	No significant impacts to regularly scheduled Toronto Transit Commission (TTC) services	No
Warrant Criteria	Minimum Block Length	Minimum block length of 120 metres based on the measured distance from centre to centre of controlled intersections AND	Yes (297 m)
	85th percentile speed	Minimum 85th percentile speed of 8 km/h over the warranted speed limit OR	Yes (8 km/h)
	95th percentile speed	Minimum 95th percentile speed of 15 km/h over the warranted speed limit	No (12 km/h)

Attachment 2: Speed Hump Locations Plan - Via Bagnato



Attachment 3: Letter from Toronto Fire Services, dated February 29, 2024



Matthew Pegg
Fire Chief and General Manager

Paul Raftis
Deputy City Manager
Community & Social Services

Fire Services
4330 Dufferin Street
Toronto, Ontario M3H 5R9

Email: OfficeoftheFireChief@toronto.ca

February 29, 2024

Temitope Oyeyemi
Engineering Technologist Technician 1
Transportation Services
City of Toronto

RE: Via Bagnato (Between Dane Avenue and Lawrence Avenue West) Speed Hump Investigative Summary

We are in receipt of and have reviewed the proposal for installation of traffic calming measures (speed humps) on Via Bagnato (Between Dane Avenue and Lawrence Avenue West) and provide the following comments.

Toronto Fire Services does not support this proposed speed hump installation as it may negatively impact service delivery. The physical restrictions imposed by speed humps have a greater impact on fire vehicles. Response time increases with every obstacle encountered responding to any emergency incident and the cumulative impact of several speed humps can increase responses times.

Toronto Fire Services is supportive of initiatives that improve safety for all citizens of and visitors to the City of Toronto. However, careful consideration must be given to accepting a delay to emergency response vehicles as a compromise to combat the risks presented by all vehicular traffic. Our recommendation is that non-physical measures be considered and evaluated to determine if desired results can be obtained without imposing a physical obstacle to emergency vehicles.

Regards,

Joseph Del Vasto
District Chief
Emergency Planning
Toronto Fire Services
(416) 338-9136



Attachment 4: Letter from Toronto Paramedic Services, dated March 4, 2024

Temitope Oyeyemi

From: Atif Sharif
Sent: March 4, 2024 10:07 AM
To: Temitope Oyeyemi
Subject: RE: RE: Speed Humps - Via Bagnato, between Dane Avenue and Lawrence Avenue West

Good morning Temitope,

This is a residential street that paramedics would only travel along to respond to a call in the area. No concerns with regards to the installation of the speed humps.

Thank you,

Atif Sharif
A/Commander - Policy, Projects & Process Improvement
Office of the Chief
Toronto Paramedic Services
Tel: 416-397-7493



From: Temitope Oyeyemi <Temitope.Oyeyemi@toronto.ca>
Sent: February 28, 2024 4:05 PM
To: 'andy.sawyer@torontopolice.on.ca' <andy.sawyer@torontopolice.on.ca>
Cc: Joseph Del Vasto <Joseph.DelVasto@toronto.ca>; Michael Peter <Michael.Peter@toronto.ca>; Atif Sharif <Atif.Sharif@toronto.ca>; Shawn Dartsch <Shawn.Dartsch@toronto.ca>; Shawn Dillon <Shawn.Dillon@toronto.ca>
Subject: RE: Speed Humps - Via Bagnato, between Dane Avenue and Lawrence Avenue West

Hello All,

At the request of Ward 8 Councillor, Deputy Mayor Colle, we investigated the feasibility of installing speed humps on Via Bagnato, between Dane Avenue and Lawrence Avenue West. Our investigation results disclosed that Via Bagnato meets the minimum criteria for the installation of speed humps based on the updated City of Toronto Traffic Calming Policy.

The technical warrant and proposed location plan are attached.

At this time, we are requesting for comments from Emergency Service agencies which will be included in a staff report to an upcoming meeting of the North York Community Council. Please, provide your comments regarding the installation of traffic calming speed humps on Via Bagnato, between Dane Avenue and Lawrence Avenue West.

Should you have any questions or concerns, please, let me know.

Regards,

Temitope Oyeyemi

ETT 1, Traffic Operations
Transportation Services,
North York Civic Centre,
City of Toronto
5100 Yonge Street, 4th Floor
North York, ON M2N 5V7

Telephone: 416.395.7464

