

Traffic Calming (Speed Humps) - Courcelette Road

Date: May 20, 2025

To: Scarborough Community Council

From: Director, Traffic Management, Transportation Services

Wards: Ward 20, Scarborough Southwest

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 Courcelette Road, between Queen Street East and Windsor Avenue. 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 Courcelette Road.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services recommends that:

1. Scarborough Community Council authorize the installation of speed humps on Courcelette Road, between Queen Street East and Windsor Avenue.
2. Scarborough Community Council direct the City Solicitor to prepare a by-law to alter the roadway for the installation of three speed humps on Courcelette Road, between Queen Street East and Windsor Avenue, generally as shown on Attachment 2, Drawing No. TC-474, dated March 2025, attached to the report entitled "Traffic Calming (Speed Humps) - Courcelette Road" from the Director, Traffic Management, Transportation Services.

FINANCIAL IMPACT

The estimated cost for installing three speed humps on Courcelette Road is \$12,000.00. Funding is subject to availability and competing priorities within the Transportation Services 2025 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 Courcelette Road between Queen Street East and Windsor Avenue. The residents are concerned that motorists travel at a high rate of speed on Courcelette Road.

Existing Conditions

Courcelette 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 600 vehicles
- The speed limit is 30 km/h
- Heavy trucks are prohibited at all times
- There is no Toronto Transit Commission (TTC) service provided on the street.
- There are sidewalks located on both sides of the street
- There is an existing speed hump approximately 30 metres south of Windsor Avenue that was installed in 2003. It was not formally approved through Community Council. Approval of this report will address this historical inconsistency.

The land use in the area consists of single-family residential dwellings. This subject section of Courcelette Road between Queen Street East and Windsor Avenue is not designated as a 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 three-day speed and volume study was conducted on Courcelette Road from December 10 to 12, 2024.

The study results on Courcelette Road disclosed the following:

- 24-hour total vehicle volume is 600 vehicles
- The block length from Queen Street East to Windsor Avenue is 301 metres.
- The operating speed, which is the speed at which 85 percent of traffic is travelling at or below, was observed at 39 km/h.

- The 95th percentile speed, which is the speed at which 95 percent of traffic is travelling at or below, was observed at 44 km/h.

Based on the study results, Courcelette Road 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 9 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. Therefore, staff recommend the installation of speed humps on Courcelette Road.

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 on Courcelette Road between Queen Street East and Windsor Avenue, scored 21 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.

Comments have not been received back at the time of writing this report from Toronto Police Service and Toronto Fire Services. Toronto Paramedic Services have provided their comments and advised of potential delays in emergency responses but expressed support for initiatives that enhance community safety. A copy of their full response is included in Attachment 3.

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

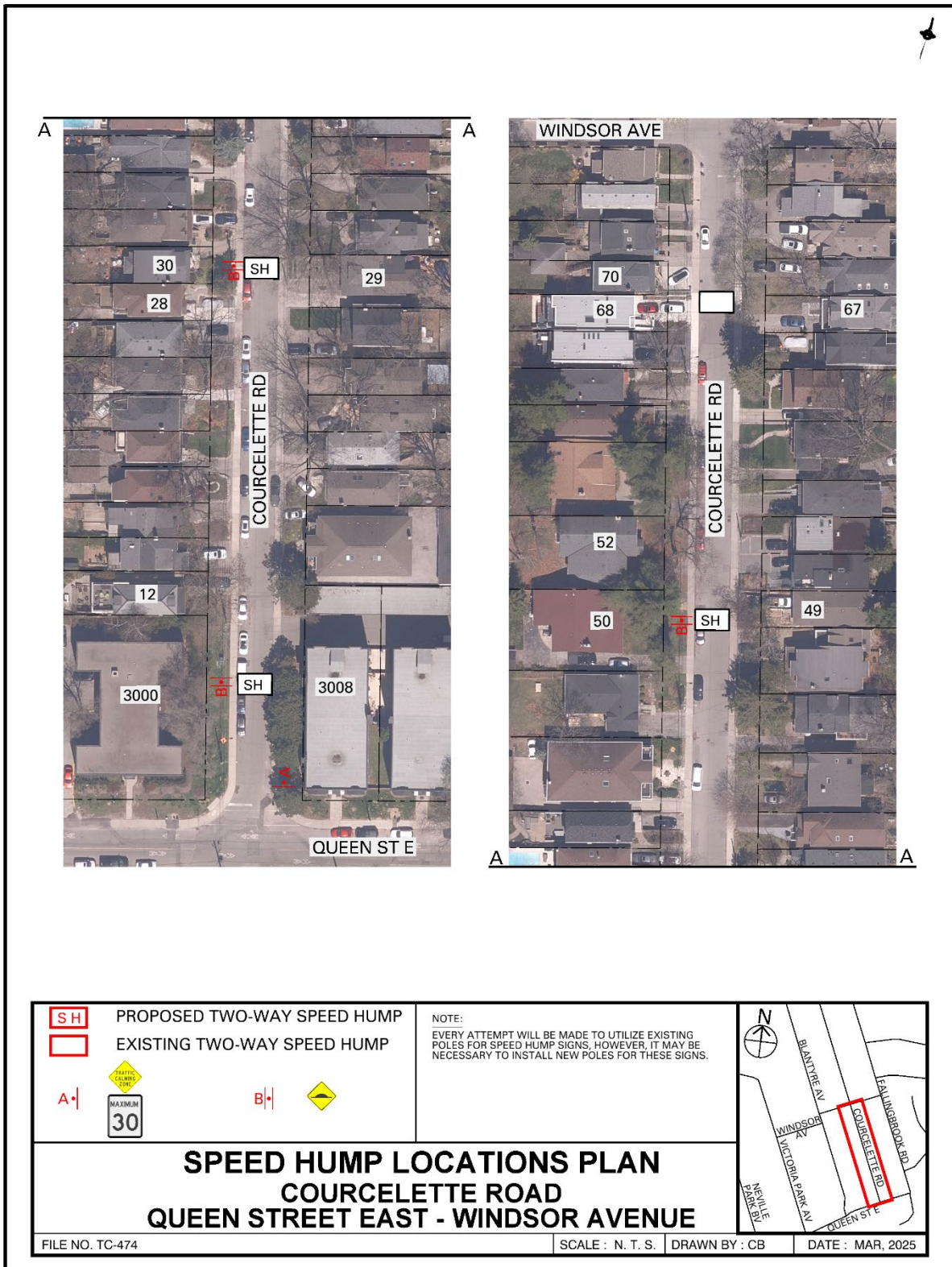
ATTACHMENTS

Attachment 1: Traffic Calming Warrant - Courcelette Road
Attachment 2: Speed Hump Locations Plan - Courcelette Road, Queen Street East - Windsor Avenue
Attachment 3: Letter from Toronto Paramedic Services, dated March 10, 2025

Attachment 1: Traffic Calming Warrant - Courcelette Road

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 (6%)
	Emergency Services	No significant impacts on emergency services, including Toronto Fire, Paramedic and Police Services	Yes
	Transit Services	No significant impacts to regularly scheduled Toronto Transit Commission (TTC) services	Yes
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 (301 m)
	85th percentile speed	Minimum 85th percentile speed of 8 km/h over the warranted speed limit OR	Yes (9 km/h)
	95th percentile speed	Minimum 95th percentile speed of 15 km/h over the speed limit	No (14 km/h)

Attachment 2: Speed Hump Locations Plan - Courcellette Road, Queen Street East - Windsor Avenue



Attachment 3: Letter from Toronto Paramedic Services, dated March 10, 2025

Amir Ghanbari

From: EMS Planning
Sent: March 10, 2025 7:41 AM
To: Amir Ghanbari
Cc: Atif Sharif; Jennifer Chung; EMS Planning
Subject: Courcelette Rd (Ref: 12394622)

We have received and reviewed the proposal for installation of speed humps on Courcelette Road, between Queen Street East and Windsor Avenue, with the following comments:

The installation of speed humps on Courcelette Road, between Queen Street East and Windsor Avenue, will impact response and transport times for residents that reside on the roadway speed humps are installed. Impacts may extend to community members if Courcelette Road, between Queen Street East and Windsor Avenue, serves access to other roadways. It is important that the applicant understands that the installation of traffic calming devices will reduce the speed that emergency vehicles travel when responding to emergencies on roadways where they are installed.

Toronto Paramedic Services is supportive of community initiatives that improve the safety of all citizens of, and visitors to, the City of Toronto. Traffic and pedestrian safety are key components of a healthy neighbourhood, and we endeavour to support the wishes of the community to implement measures to improve upon these components.

