REPORT FOR ACTION

Traffic Calming (Speed Humps) - Pitfield Road

Date: March 18, 2025
To: Scarborough Community Council
From: Director, Traffic Management, Transportation Services
Wards: Ward 23, Scarborough North

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 Pitfield Road, between Midland Avenue and Brimley Road. Staff's assessment indicates that the criteria as set out in the updated Traffic Calming Policy has been satisfied. Therefore, speed humps should be installed on Pitfield Road.

RECOMMENDATIONS

The Director, Traffic Management, Transportation Services recommends that:

1. Scarborough Community Council authorize the installation of speed humps on Pitfield Road, between Midland Avenue and Brimley Road.

2. Scarborough Community Council direct the City Solicitor to prepare a by-law to alter the roadway for the installation of 12 speed humps on Pitfield Road, between Midland Avenue and Brimley Road, generally as shown on Attachment 2 and 3, Drawings TC-469 and TC-470, dated March 2025, attached to the report entitled "Traffic Calming (Speed Humps) - Pitfield Road" from the Director, Traffic Management, Transportation Services.

3. Subject to approval of Recommendations 1 and 2 above, Scarborough Community Council reduce the speed limit from 40 km/h to 30 km/h on Pitfield Road, between Midland Avenue and Brimley Road, in conjunction with the installation of speed humps.

FINANCIAL IMPACT

The estimated cost for installing 12 speed humps on Pitfield Road is $48,000.00. Funding would be 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 Pitfield Road, between Midland Avenue and Brimley Road. The residents are concerned that motorists travel at a high rate of speed on Pitfield Road.

Existing Conditions

Pitfield Road is characterized by the following conditions:

- It is a two-lane road classified as a collector roadway
- It operates two-way traffic on a pavement width of approximately 8.5 metres
- The daily two-way traffic volume is approximately 3,000 vehicles
- The speed limit on Pitfield Road, between Midland Avenue and Brimley Road, is 40 km/h
- 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
- There are speed humps installed on the adjacent section of Pitfield Road, between Brimley Road and McCowan Road

The adjacent land use in this area is mainly residential, consisting of detached, and semi-detached dwellings. The subject section of Pitfield Road 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 and 3.

Study Results

As part of the assessment of the warrant criteria, a three-day speed and volume study was conducted on Pitfield Road, between Midland Avenue and Brimley Road, from June 25 to 27, 2024.

The study results on Pitfield Road disclosed the following:

- 24-hour total vehicle volume is 3,000 vehicles
- The block length from Midland Avenue to Brimley Road is 860 metres
- The operating speed, which is the speed at which 85 percent of traffic is travelling at or below, was observed at 50 km/h
- The 95th percentile speed, which is the speed at which 95 percent of traffic is travelling at or below, was observed at 55 km/h

Based on the study results, Pitfield Road, between Midland Avenue and Brimley Road, has satisfied the warrant criteria for both minimum block length and minimum vehicle speed. The block length was greater than 120 metres, the operating speed is 10 km/h over the warranted speed of 40 km/h, and the 95th percentile speed is 15 km/h over the warranted speed of 40 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 Pitfield Road, between Midland Avenue and Brimley Road.

Relative Priority and Other Impacts

In the event that the number of approved requests for roadway traffic calming measures exceeds 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. Pitfield Road, between Midland Avenue and Brimley Road, scored 30 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 Paramedic Services have provided their comments. A copy of their full response is included in Attachment 4. Toronto Fire Services and 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

Dan Clement, CET, Manager Traffic Operations (Area 1), Transportation Services
416-397-5021, Dan.Clement@toronto.ca

SIGNATURE

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

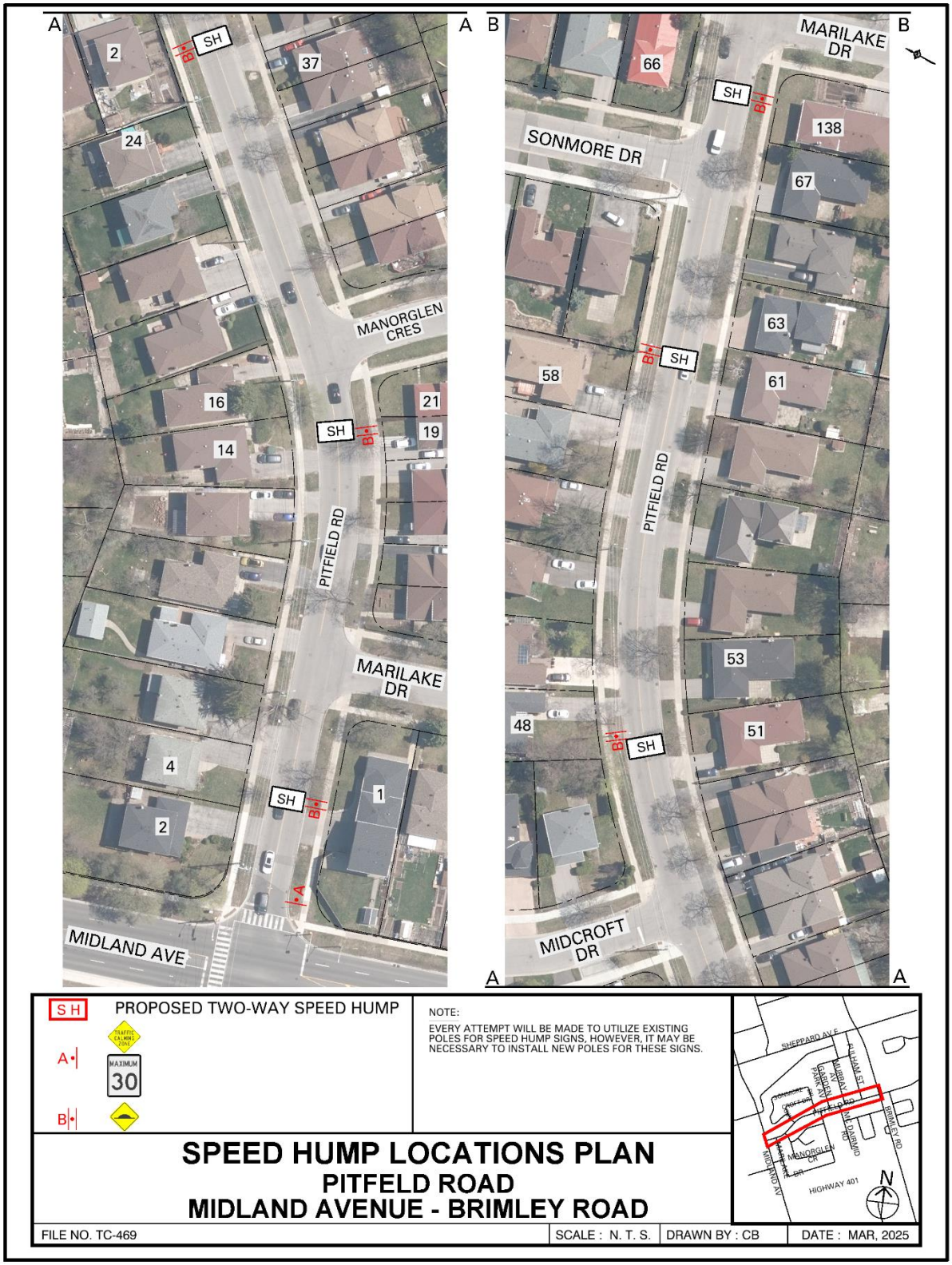
ATTACHMENTS

Attachment 1: Traffic Calming Warrant - Pitfield Road, between Midland Avenue and Brimley Road
Attachment 2: Speed Hump Locations Plan - Pitfield Road, Midland Avenue - Brimley Road (Matchline, see drawing TC-470)
Attachment 3: Speed Hump Locations Plan - Pitfield Road, Midland Avenue - Brimley Road
Attachment 4: Letter from Toronto Paramedic Services, dated February 12, 2025

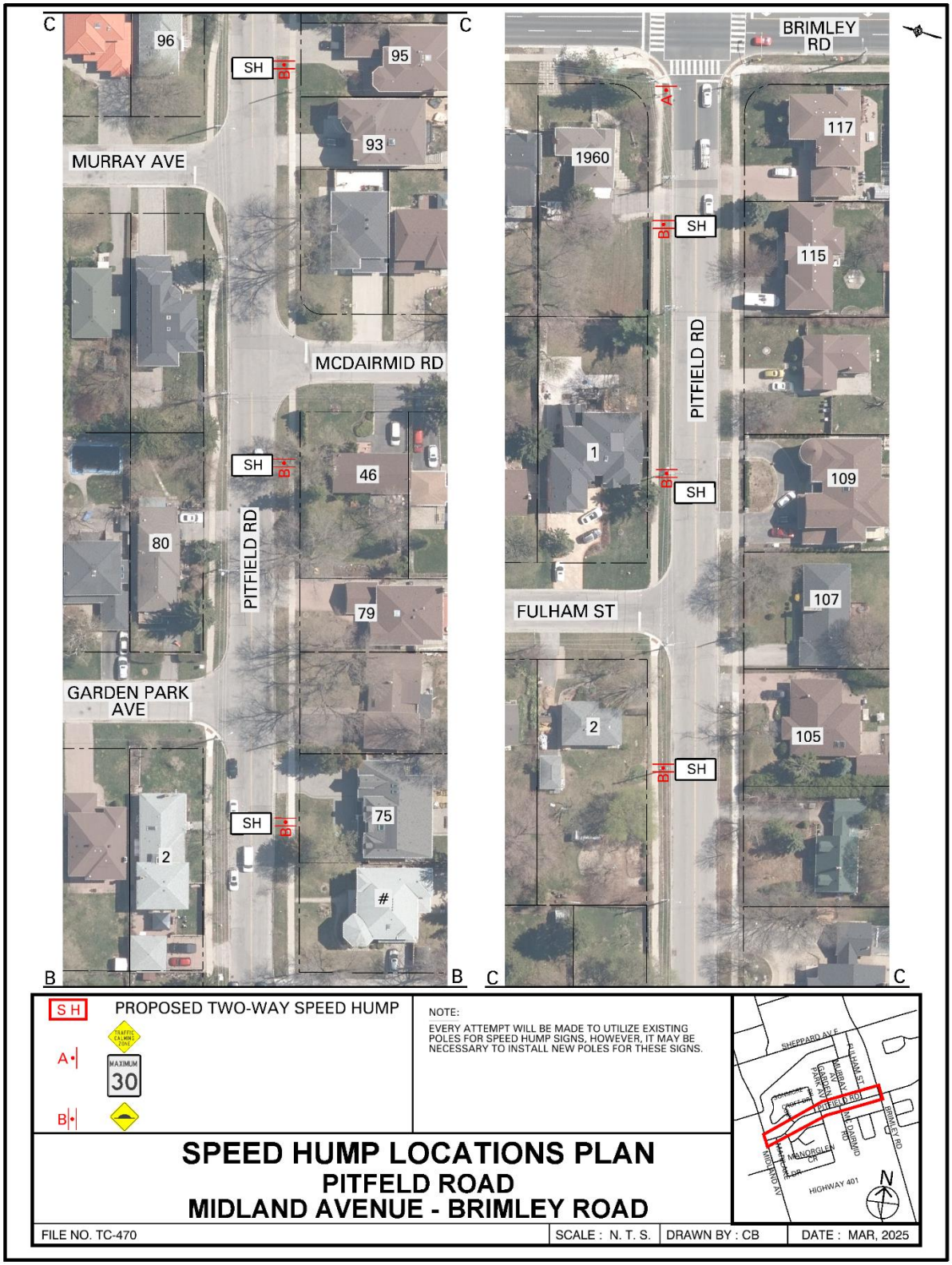
Attachment 1: Traffic Calming Warrant - Pitfield Road, between Midland Avenue and Brimley Road

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
	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	N/A
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 (860 m)
	85th percentile speed	Minimum 85th percentile speed of 8 km/h over the warranted speed limit OR	Yes (10 km/h)
	95th percentile speed	Minimum 95th percentile speed of 15 km/h over the warranted speed limit	Yes (15 km/h)

Attachment 2: Speed Hump Locations Plan - Pitfield Road, Midland Avenue - Brimley Road (Matchline, see drawing TC-470)



Attachment 3: Speed Hump Locations Plan - Pitfield Road, Midland Avenue - Brimley Road



Attachment 4: Letter from Toronto Paramedic Services, dated February 12, 2025

From: EMS Planning
To: Ghamdan Al-mukardi
Cc: Atif Sharif; Jennifer Chung; EMS Planning
Subject: Speed Humps_ Pitfield Road
Date: February 12, 2025 6:13:32 AM
Attachments: image001.png

We have received and reviewed the proposal for installation of speed humps on Pitfield Road, between Midland Avenue and Brimley Road, with the following comments:

The installation of speed humps on Pitfield Road, between Midland Avenue and Brimley Road, will impact response and transport times for residents that reside on the roadway speed humps are installed. Impacts may extend to community members if Pitfield Road, between Midland Avenue and Brimley Road, 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.