

Traffic Calming (Speed Humps) - Moatfield Drive

Date: January 30, 2026

To: North York Community Council

From: Director, Enforcement and Street Management, Transportation Services

Wards: Ward 16, Don Valley East

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 Moatfield Drive, between Valleybrook Drive and Don Mills Road. Staff's assessment indicates the criteria as set out in the Traffic Calming Policy has been satisfied. Therefore, speed humps should be installed on Moatfield Drive.

RECOMMENDATIONS

The Director, Enforcement and Street Management, Transportation Services recommends that:

1. North York Community Council authorize the installation of traffic calming (7 speed humps) on Moatfield Drive, between Valleybrook Drive and Don Mills Road, generally as shown in Attachments 2-4, Drawing No. TC-647, TC-647-1 and TC-647-2, dated January 2026 from the Director, Enforcement and Street Management Transportation Services.
2. Subject to approval of Recommendations 1 above, North York Community Council reduce the speed limit from 40 km/h to 30 km/h on Moatfield Drive, between Valleybrook Drive and Don Mills Road, in conjunction with the installation of speed humps.

FINANCIAL IMPACT

The estimated cost for installing seven (7) speed humps on Moatfield Drive is \$28,000. Funding is subject to availability and competing priorities within the Transportation Services 2026 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 Moatfield Drive, between Valleybrook Drive and Don Mills Road. The residents are concerned that motorists travel at a high rate of speed on Moatfield Drive.

Existing Conditions

Moatfield Drive is characterized by the following conditions:

- It is a two-lane, east-west, collector roadway
- It operates two-way traffic on a pavement width of approximately 12 metres
- The daily two-way traffic volume is approximately 2,650 vehicles
- The speed limit is 40 km/h
- Heavy trucks are allowed 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 in the area is generally mixed use, consisting of commercial businesses, educational institutions and sporting fields. There is a designated Community Safety Zone on Moatfield Drive, between Valleybrook Drive and a point 200 metres west of Don Mills Road.

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 Moatfield Drive, between Valleybrook Drive and Don Mills Road, between September 30 and October 2, 2025.

The study results on Moatfield Drive, between Valleybrook Drive and Don Mills Road, disclosed the following:

- 24-hour total vehicle volume is 2,649 vehicles
- The block length from Valleybrook Drive to Don Mills Road is 630 metres
- 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 95th percentile speed, which is the speed at which 95 percent of traffic is travelling at or below, was observed at 54 km/h

Based on the study results, Moatfield Drive, between Valleybrook Drive and Don Mills 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 8 km/h over the warranted speed limit 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 Moatfield Drive, between Valleybrook Drive and Don Mills 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 person cycling
- 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. Moatfield Drive, between Valleybrook Drive and Don Mills Road, scored 16 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

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 and advised of potential delays in emergency responses but expressed support for initiatives that enhance community safety. A copy of the full response is included as Attachment 3. Toronto Fire and 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

Shawn Dillon, Manager Traffic Operations (Area 2), Transportation Services
416-394-8409, Shawn.Dillon@toronto.ca

SIGNATURE

Mike Barnet, P.Eng.
Director, Enforcement and Street Management
Transportation Services

ATTACHMENTS

Attachment 1: Traffic Calming Warrant - Moatfield Drive, between Valleybrook Drive and Don Mills Road

Attachment 2: Speed Hump Locations Plan Moatfield Drive, between Valleybrook Drive and Don Mills Road (TC-647)

Attachment 3: Speed Hump Locations Plan Moatfield Drive, between Valleybrook Drive and Don Mills Road (TC-647-1)

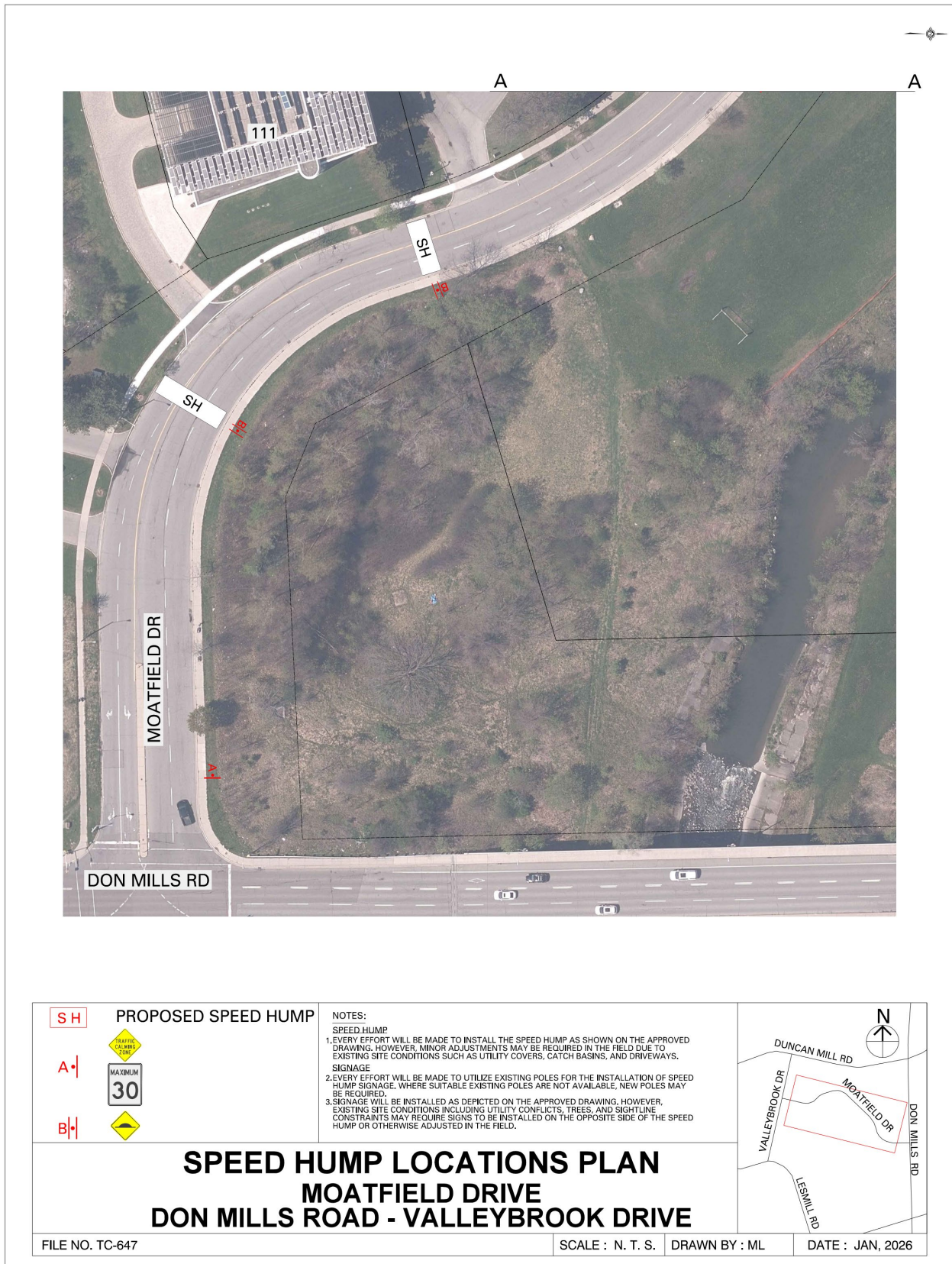
Attachment 4: Speed Hump Locations Plan Moatfield Drive, between Valleybrook Drive and Don Mills Road (TC-647-2)


Attachment 5: Memo from Toronto Paramedic Services, dated December 17, 2025

Attachment 1: Traffic Calming Warrant - Moatfield Drive, between Valleybrook Drive and Don Mills Road

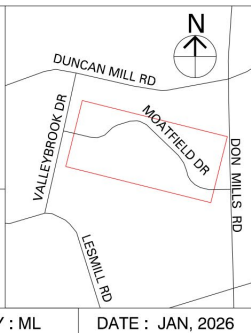
Criteria		Requirement	Warrant Satisfied?
Community Support		A direct request from the Ward Councillor OR identified by Transportation Services in consultation with the Ward Councillor	Yes
Eligibility Criteria	Road Classification	Classified as a local or collector roadway, according to the Toronto Road 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	NA
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 (630 m)
	85th percentile speed	Minimum 85th percentile speed of 8 km/h over the warranted speed limit OR	Yes (49 km/h)
	95th percentile speed	Minimum 95th percentile speed of 15 km/h over the warranted speed limit	No (54 km/h)

Attachments 2: Speed Hump Locations Plan Moatfield Drive, between Valleybrook Drive and Don Mills Road (TC-647)



SH	PROPOSED SPEED HUMP
A	 
B	

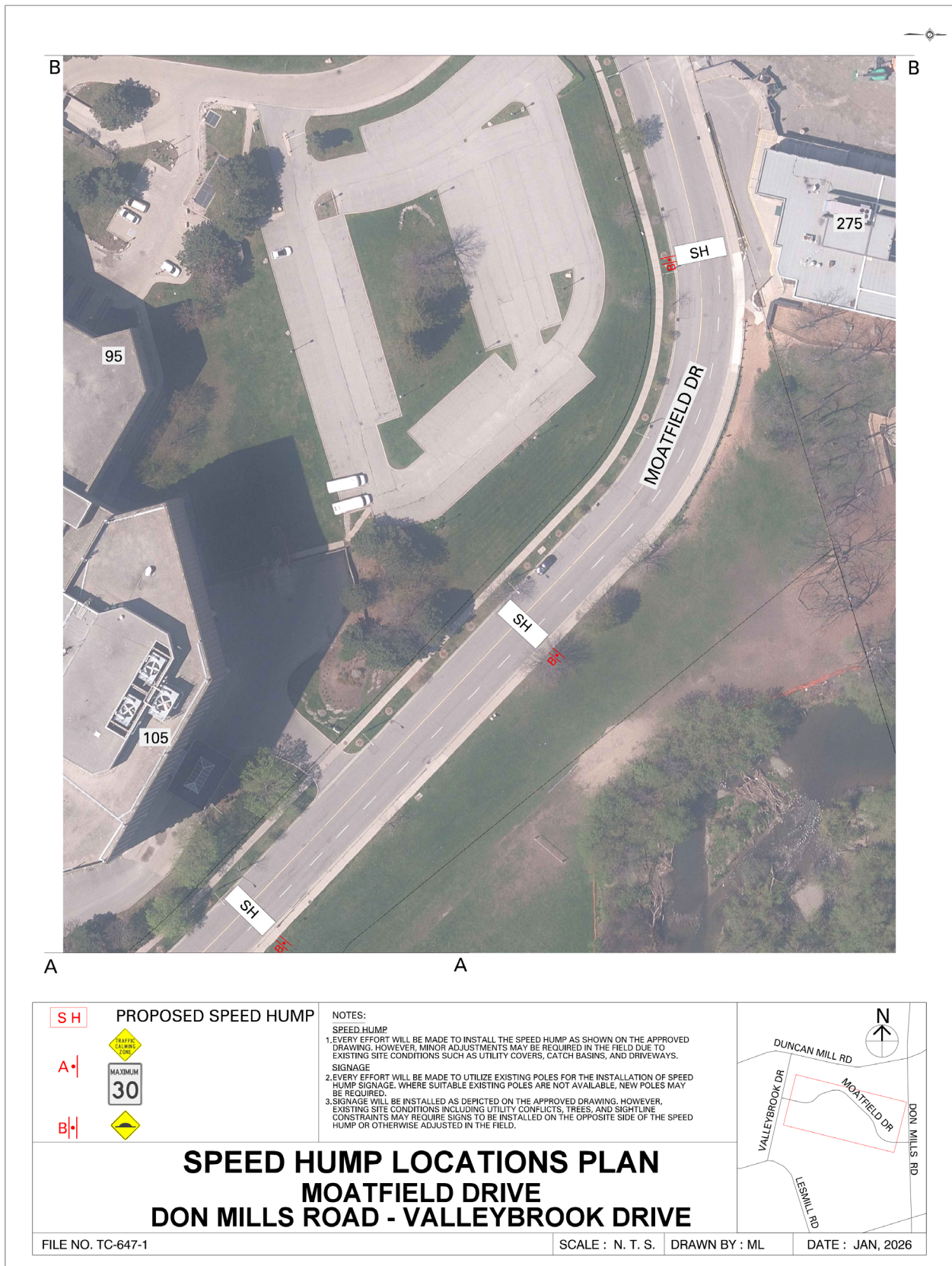
NOTES:
SPEED HUMP
 1. EVERY EFFORT WILL BE MADE TO INSTALL THE SPEED HUMP AS SHOWN ON THE APPROVED DRAWING. HOWEVER, MINOR ADJUSTMENTS MAY BE REQUIRED IN THE FIELD DUE TO EXISTING SITE CONDITIONS SUCH AS UTILITY COVERS, CATCH BASINS, AND DRIVEWAYS.
SIGNAGE
 2. EVERY EFFORT WILL BE MADE TO UTILIZE EXISTING POLES FOR THE INSTALLATION OF SPEED HUMP SIGNAGE. WHERE SUITABLE EXISTING POLES ARE NOT AVAILABLE, NEW POLES MAY BE REQUIRED.
 3. SIGNAGE WILL BE INSTALLED AS DEPICTED ON THE APPROVED DRAWING. HOWEVER, EXISTING SITE CONDITIONS INCLUDING UTILITY CONFLICTS, TREES, AND SIGHTLINE CONSTRAINTS MAY REQUIRE SIGNS TO BE INSTALLED ON THE OPPOSITE SIDE OF THE SPEED HUMP OR OTHERWISE ADJUSTED IN THE FIELD.





**SPEED HUMP LOCATIONS PLAN
 MOATFIELD DRIVE
 DON MILLS ROAD - VALLEYBROOK DRIVE**

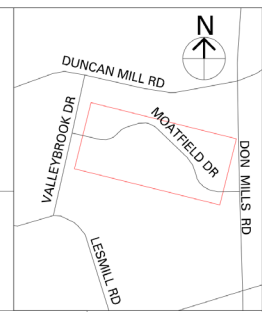
FILE NO. TC-647 SCALE : N. T. S. DRAWN BY : ML DATE : JAN, 2026

Attachments 3: Speed Hump Locations Plan Moatfield Drive, between Valleybrook Drive and Don Mills Road (TC-647-1)



SH	PROPOSED SPEED HUMP
A	 
B	

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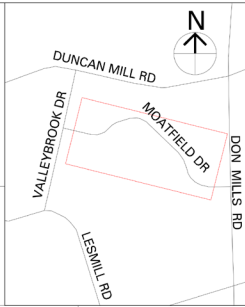
FILE NO. TC-647-1 SCALE : N. T. S. DRAWN BY : ML DATE : JAN, 2026

Attachments 4: Speed Hump Locations Plan Moatfield Drive, between Valleybrook Drive and Don Mills Road (TC-647-2)



B

B

<p>SH PROPOSED SPEED HUMP</p> <p>A </p> <p>B </p> <p>B </p>	<p>NOTES:</p> <p>SPEED HUMP</p> <p>1. EVERY EFFORT WILL BE MADE TO INSTALL THE SPEED HUMP AS SHOWN ON THE APPROVED DRAWING. HOWEVER, MINOR ADJUSTMENTS MAY BE REQUIRED IN THE FIELD DUE TO EXISTING SITE CONDITIONS SUCH AS UTILITY COVERS, CATCH BASINS, AND DRIVEWAYS.</p> <p>SIGNAGE</p> <p>2. EVERY EFFORT WILL BE MADE TO UTILIZE EXISTING POLES FOR THE INSTALLATION OF SPEED HUMP SIGNAGE. WHERE SUITABLE EXISTING POLES ARE NOT AVAILABLE, NEW POLES MAY BE REQUIRED.</p> <p>3. SIGNAGE WILL BE INSTALLED AS DEPICTED ON THE APPROVED DRAWING. HOWEVER, EXISTING SITE CONDITIONS INCLUDING UTILITY CONFLICTS, TREES, AND SIGHTLINE CONSTRAINTS MAY REQUIRE SIGNS TO BE INSTALLED ON THE OPPOSITE SIDE OF THE SPEED HUMP OR OTHERWISE ADJUSTED IN THE FIELD.</p>		
<p>SPEED HUMP LOCATIONS PLAN MOATFIELD DRIVE DON MILLS ROAD - VALLEYBROOK DRIVE</p>			
FILE NO. TC-647-2	SCALE : N. T. S.	DRAWN BY : ML	DATE : JAN, 2026

Attachment 5: Memo from Toronto Paramedic Services, dated December 17, 2025

Good morning Lukasz,

We have received and reviewed the proposal for installation of speed humps on Moatfield Drive, between Valleybrook Drive and Don Mills Road, with the following comments:

The installation of speed humps on Moatfield Drive, between Valleybrook Drive and Don Mills Road, will impact response and transport times for residents that reside on the roadway speed humps are installed. Impacts may extend to community members Moatfield Drive, between Valleybrook Drive and Don Mills 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.



From: Lukasz Murawski <Lukasz.Murawski@toronto.ca>

Sent: December 15, 2025 11:05 AM

To: Carmine Vaccaro <Carmine.Vaccaro@toronto.ca>; Atif Sharif <Atif.Sharif@toronto.ca>; Jennifer Chung <Jennifer.Chung@toronto.ca>; EMS Planning <emsplanning@toronto.ca>; andy.sawyer@torontopolice.on.ca

Cc: Shawn Dartsch <Shawn.Dartsch@toronto.ca>

Subject: Proposed speed humps - Moatfield Dr

Hello All,

At the request of Ward 16 Councillor, Jon Burnside, we investigated the feasibility of installing speed humps on Moatfield Drive, between Valleybrook Drive and Don Mills Road. Our investigation revealed that Moatfield Drive meets the minimum criteria for the installation of speed humps based on the updated City of Toronto Traffic Calming Policy. The technical warrant is attached.

We are requesting for comments from emergency service agencies to include in our staff report to the February 18, 2026 meeting of North York Community Council. Please, provide your comments regarding the installation of traffic calming speed humps on Moatfield Drive, between Valleybrook Drive and Don Mills Road.

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

Regards,

Luke Murawski
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