

Traffic Calming (Speed Humps) - Shockley Drive, Minglehaze Drive, Alabaster Road, Gihon Spring Drive, and Plowshare Crescent

Date: April 13, 2025

To: Etobicoke York Community Council

From: Director, Enforcement and Street Management, Transportation Services

Wards: Ward 1, Etobicoke 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:

- Shockley Drive between Minglehaze Drive (west intersection) and Gihon Spring Drive
- Minglehaze Drive between Shockley Drive (east intersection) and Alabaster Road
- Alabaster Road between Gihon Spring Drive and Shockley Drive
- Gihon Spring Drive between Kidron Valley Drive and Steeles Avenue West

Staff's assessment indicates the criteria as set out in the updated Traffic Calming Policy has been satisfied. Therefore, speed humps are recommended to be installed on Shockley Drive, Minglehaze Drive, Alabaster Road and a portion of Gihon Spring Drive

RECOMMENDATIONS

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

1. Etobicoke York Community Council authorize the installation of traffic calming (3 speed humps) on Shockley Drive, between Minglehaze Drive (west intersection) and Gihon Spring Drive, generally as shown in Attachment 1, Drawing No. TC 650, dated February 2026 from the Director, Enforcement and Street Management Transportation Services.
2. Etobicoke York Community Council authorize the installation of traffic calming (6 speed humps) on Minglehaze Drive, between Shockley Drive (east intersection) and Alabaster Road, generally as shown in Attachment 2, Drawing No. TC 648, TC 648-1,

dated February 2026 from the Director, Enforcement and Street Management Transportation Services.

3. Etobicoke York Community Council authorize the installation of traffic calming (3 speed humps) on Alabaster Road, between Gihon Spring Drive and Shockley Drive, generally as shown in Attachment 3, Drawing No. TC 649, dated January 2026 from the Director, Enforcement and Street Management Transportation Services.

4. Etobicoke York Community Council authorize the installation of traffic calming (2 speed humps) on Gihon Spring Drive, between Kidron Valley Drive and Steeles Avenue West, generally as shown in Attachment 4, Drawing No. TC 652, dated February 2026 from the Director, Enforcement and Street Management Transportation Services.

5. Etobicoke York Community Council not authorize the installation of speed humps on Gihon Spring Drive, between Martin Grove Road and Kidron Valley Drive.

6. Etobicoke York Community Council not authorize the installation of speed humps on Plowshare Crescent, between Shockley Drive (west intersection) and Shockley Drive (east intersection).

FINANCIAL IMPACT

The estimated cost for installing 14 speed humps on Shockley Drive, Minglehaze Drive, Alabaster Road, Gihon Spring Drive is \$56,000.00. 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 Shockley Drive between Minglehaze Drive (west intersection) and Gihon Spring Drive, Minglehaze Drive between Shockley Drive (east intersection) and Alabaster Road, Alabaster Road between Gihon Spring Drive and Shockley Drive, Gihon Spring Drive between Martin Grove Road and Steeles Avenue, and Plowshare Crescent between Shockley Drive (west intersection) and Shockley Drive (east intersection). The residents are concerned that motorists travel at a high rate of speed on these streets.

Existing Conditions

Shockley Drive, Minglehaze Drive, Alabaster Road, Gihon Spring Drive, and Plowshare Crescent are characterized by the following conditions:

- They are two-lane, local roadways

- Gihon Spring Drive is a collector roadway between Martin Grove Road and Kidron Valley Drive
- They operate two-way traffic on pavement widths of approximately 8.5 metres
- The daily two-way traffic volumes range from approximately 230 to 3600 vehicles
- The speed limit is 30 km/h on the local roadways and 40 km/h on the collector portion of Gihon Spring Drive
- 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 roadway on Gihon Spring Drive, Alabaster Road and Shockley Drive. Sidewalks are located on one side of the roadway on Minglehaze Drive and Plowshare Crescent

The land use in the area consists of detached residential dwellings. St. Angela Catholic School is located on the southeast corner of Gihon Spring Drive and Mount Olive Drive. Plowshare Park is located on the west side of the east section of Plowshare Crescent.

Gihon Spring Drive between Martin Grove Road and Kidron Valley Drive is located within a designated Community Safety Zone.

A map of the area and proposed locations of the speed humps is included in Attachments 2 to 6.

Study Results

As part of the assessment of the warrant criteria, vehicle speed and volume studies were conducted on Shockley Drive, Minglehaze Drive, Alabaster Road, Gihon Spring Drive and Plowshare Crescent in October 2025. The results of the studies were evaluated against the warrant criteria for Traffic Calming as adopted by City Council. The results of the studies are summarized in Table 1.

Table 1: Shockley Drive, Minglehaze Drive, Gihon Spring Drive and Plowshare Crescent Speed and Volume Study Results

Roadway	From	To	Daily Traffic Vol.	85th Percentile Speed		95th Percentile Speed	
				Result	Warrant Requirement	Result	Warrant Requirement
Shockley Drive	Minglehaze Drive (west int.)	Gihon Spring Drive	998	38 km/h	38 km/h	43 km/h	45 km/h
Minglehaze Drive	Shockley Drive (east int.)	Alabaster Road	551	43 km/h	38 km/h	49 km/h	45 km/h
Alabaster Road	Gihon Spring Drive	Shockley Drive	1060	44 km/h	38 km/h	49 km/h	45 km/h

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Roadway	From	To	Daily Traffic Vol.	85th Percentile Speed		95th Percentile Speed	
				Result	Warrant Requirement	Result	Warrant Requirement
Gihon Spring Drive	Kidron Valley Drive	Steeles Avenue	2105	42 km/h	38 km/h	46 km/h	45 km/h
Gihon Spring Drive	Martin Grove Road	Kidron Valley Drive	3600	38 km/h	48 km/h	42 km/h	55 km/h
Plowshare Crescent	Shockley Drive (west intersection)	Shockley Drive (east intersection)	233	34 km/h	38 km/h	39 km/h	45 km/h

Based on the study results, Shockley Drive, Alabaster Road, Minglehaze Drive, and Gihon Spring Drive between Kidron Valley Drive and Steeles Avenue have satisfied the warrant criteria for either the 85th or 95th percentile speeds or both. Additionally, all blocks where speed humps are recommended are over the minimum 120 metres in length.

However, based on the study results, Gihon Spring Drive between Martin Grove Road and Kidron Valley Drive and Plowshare Crescent have not met the warrant for traffic calming for the following reasons:

- Minimum speed: In order to meet the minimum speed warrant, the operating (85th percentile) speed must be a minimum of 8km/h over the warranted speed limit or the 95th percentile speed needs to be a minimum of 15 km/h above the warranted speed limit. The operating speed was recorded as 38 km/h on Gihon Spring Drive between Martin Grove Road and Kidron Valley Drive, which is 10 km/h under the required speed of 48 km/h. The 95th percentile speed of 42 km/h is 13 km/h under the required speed limit of 55 km/h. Additionally, the operating speed for Plowshare Crescent was recorded at 34 km/h, which is 4 km/h under the required speed of 38 km/h. The 95th percentile speed of 39 km/h is 6 km/h under the required speed limit of 45 km/h.

The overall investigation concluded that the eligibility and warrant criteria as outlined in the updated Traffic Calming Policy has been satisfied for Shockley Drive, Alabaster Road, Minglehaze Drive, and Gihon Spring Drive between Kidron Valley Drive and Steeles Avenue. Therefore, staff recommend the installation of speed humps on these streets.

The warrant criteria as outlined in the updated Traffic Calming Policy has not been satisfied for Gihon Spring Drive between Martin Grove Road and Kidron Valley Drive

and Plowshare Crescent. Therefore, staff do not recommend the installation of speed humps on these streets

Alternate Recommendations

If, despite the findings above, Etobicoke York Community Council decides to proceed with installing speed humps on Gihon Spring Drive, between Martin Grove Road and Kidron Valley Drive, and Plowshare Crescent between Shockley Drive (west intersection) and Shockley Drive (east intersection), it may approve the following:

1. Etobicoke York Community Council authorize the installation of traffic calming (4 speed humps) on Gihon Spring Drive, between Martin Grove Road and Kidron Valley Drive, generally as shown in Attachment 5, Drawing No. TC 653, TC 653-1, dated February 2026 from the Director, Enforcement and Street Management Transportation Services.
2. Etobicoke York Community Council authorize the installation of traffic calming (3 speed humps) on Plowshare Crescent, between Shockley Drive (west intersection) and Shockley Drive (east intersection), generally as shown in Attachment 6, Drawing No. TC 651, TC 651-1, dated February 2026 from the Director, Enforcement and Street Management Transportation Services.
3. Subject to approval of Recommendation 1 above, Etobicoke York Community Council reduce the speed limit from 40 km/h to 30 km/h on Gihon Spring Drive, between Martin Grove Road and Kidron Valley Drive, in conjunction with the installation of speed humps.
4. Subject to approval of Recommendation 3 above, Etobicoke York Community Council authorize the amendment of Schedule XLV (Part 1) to City of Toronto Municipal Code Chapter 950, Traffic and Parking, to remove Gihon Spring Drive between Martin Grove Road and Kidron Valley Drive, from being excluded from the Designated Area such that this portion of highway will then be included within the corresponding designated area in Column 1 in Schedule XLV (Part 1).

The estimated cost for installing seven speed humps on Gihon Spring Drive, between Martin Grove Road and Kidron Valley Drive and Plowshare Crescent is \$28,000.00. The installation of speed humps on Gihon Spring Drive, between Martin Grove Road and Kidron Valley Drive, and Plowshare Crescent would be subject to availability in Transportation Services 2026 Capital Budget and competing priorities.

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. The prioritization scores for Shockley Drive, Minglehaze Drive, Alabaster Road, Gihon Spring Drive, and Plowshare Crescent range between 43 to 51 ranking points out of a possible 100.

Full prioritization scores for all analysis segments can be found in Table 2.

Table 2: Shockley Drive, Minglehaze Drive, Gihon Spring Drive and Plowshare Crescent Prioritization Scores

Roadway	From	To	Prioritization Score
Shockley Drive	Minglehaze Drive (west int.)	Gihon Spring Drive	45
Minglehaze Drive	Shockley Drive (east int.)	Alabaster Road	48
Alabaster Road	Gihon Spring Drive	Shockley Drive	43
Gihon Spring Drive	Kidron Valley Drive	Steeles Avenue	44
Gihon Spring Drive	Martin Grove Road	Kidron Valley Drive	51
Plowshare Crescent	Shockley Drive	Shockley Drive	44

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 responded on February 24, 2026, and have advised they are not opposed to the installation of speed humps. However, it may negatively impact Traffic Calming (Speed Humps) - Shockley Drive, Minglehaze Drive, Alabaster Road, Gihon Spring Drive, and Plowshare Crescent

their service delivery. A copy of their full response is included in Attachment 7. Toronto Fire Services and Toronto Police Service have not provided comments back at the time of writing this report. Installing speed humps/speed cushions 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

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

ATTACHMENTS

Attachment 1: Speed Hump Location Plan TC 650 - Shockley Drive
Attachment 2: Speed Hump Locations Plan TC 648, TC 648-1 - Minglehaze Drive
Attachment 3: Speed Hump Locations Plan TC 649 - Alabaster Road
Attachment 4: Speed Hump Locations Plan TC 652 - Gihon Spring Drive
Attachment 5: Speed Hump Locations Plan TC 653, TC 653-1 - Gihon Spring Drive
Attachment 6: Speed Hump Locations Plan TC 651, TC 651-1 - Plowshare Crescent
Attachment 7: Letter from Toronto Paramedic Services, dated February 24, 2026

Attachment 1: Speed Hump Location Plan TC 650 - Shockley Drive

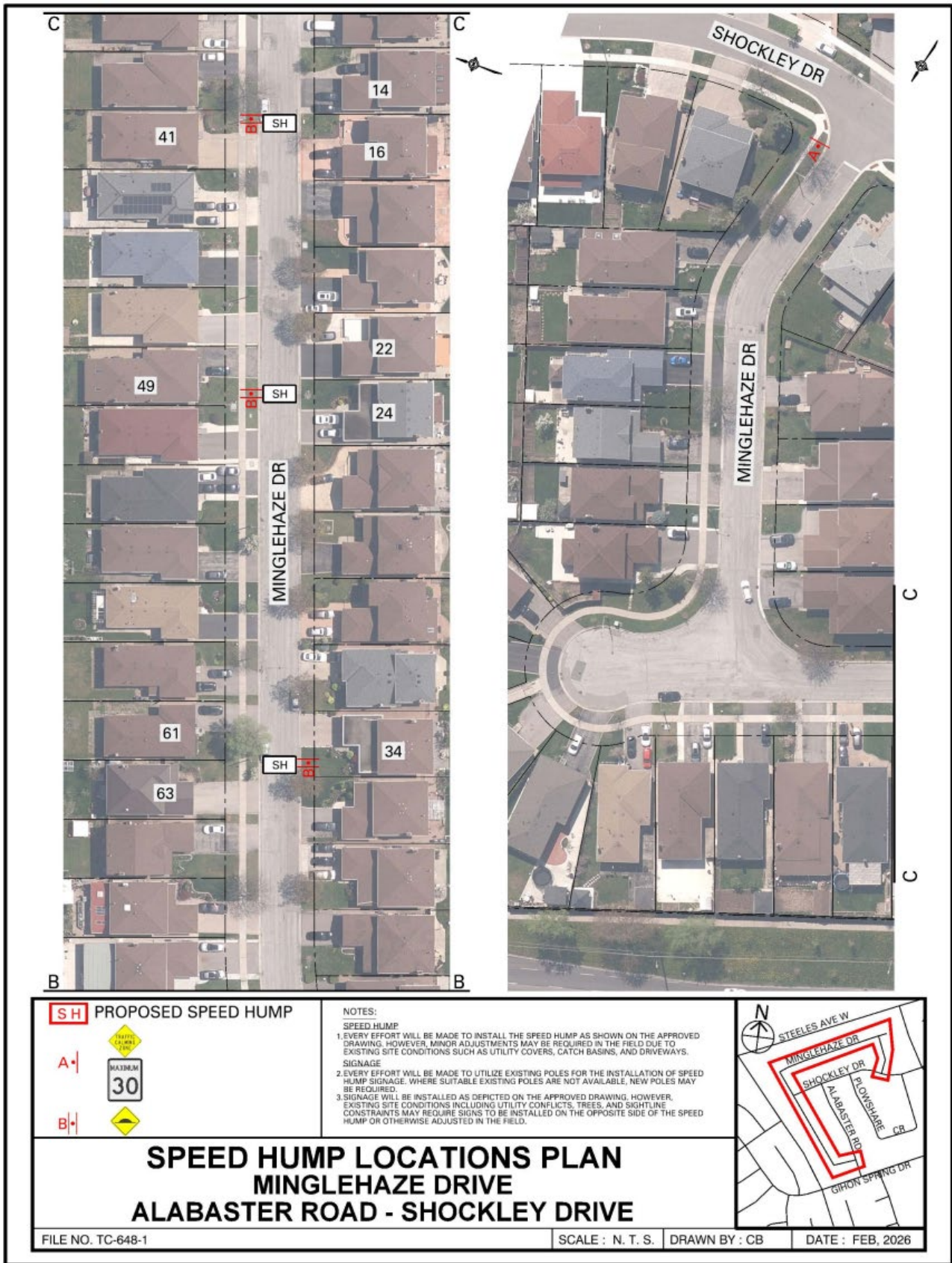


Traffic Calming (Speed Humps) - Shockley Drive, Minglehaze Drive, Alabaster Road, Gihon Spring Drive, and Plowshare Crescent

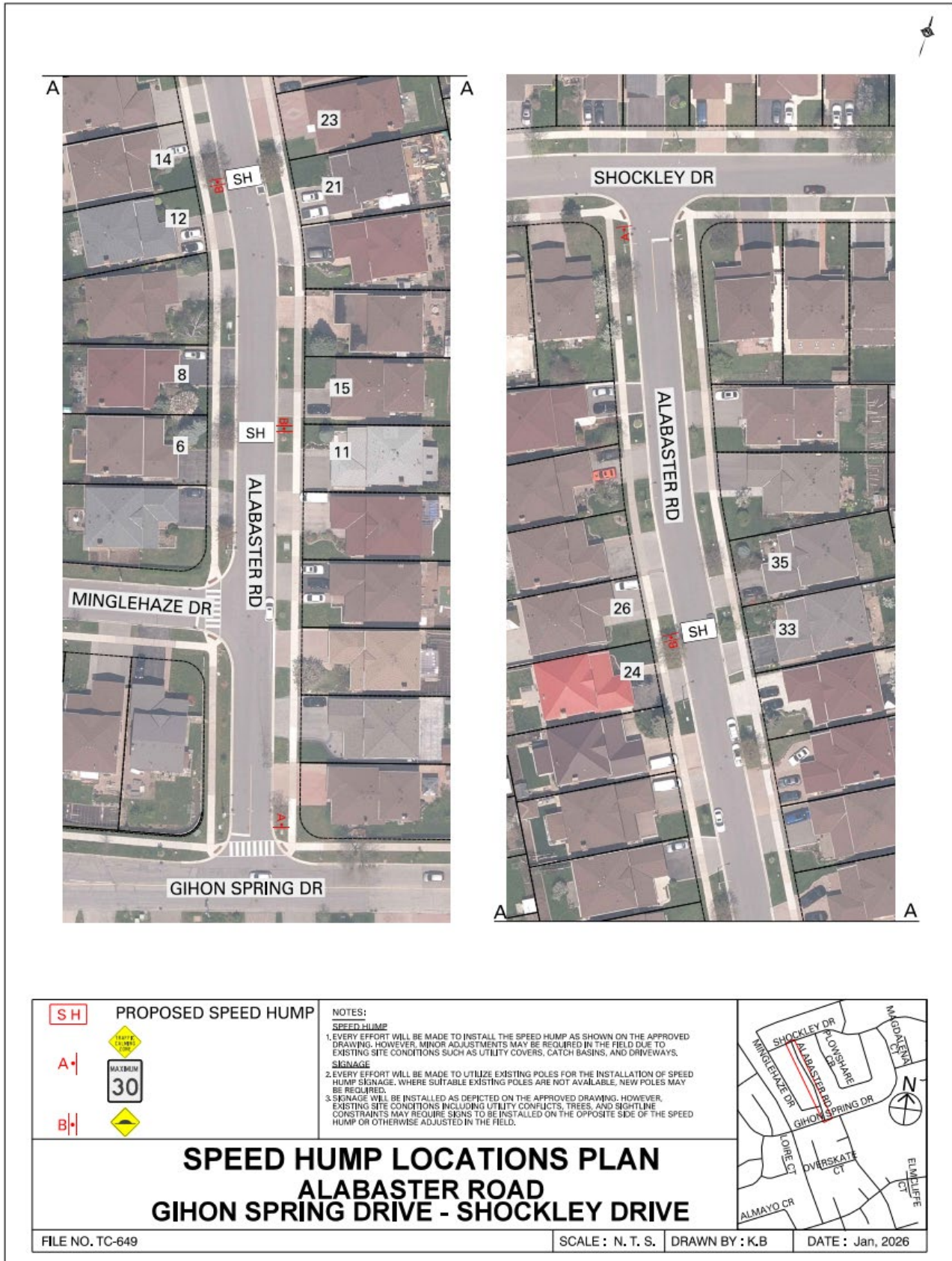
Attachment 2: Speed Hump Locations Plan TC 648, TC 648-1 - Minglehaze Drive



Traffic Calming (Speed Humps) - Shockley Drive, Minglehaze Drive, Alabaster Road, Gihon Spring Drive, and Plowshare Crescent

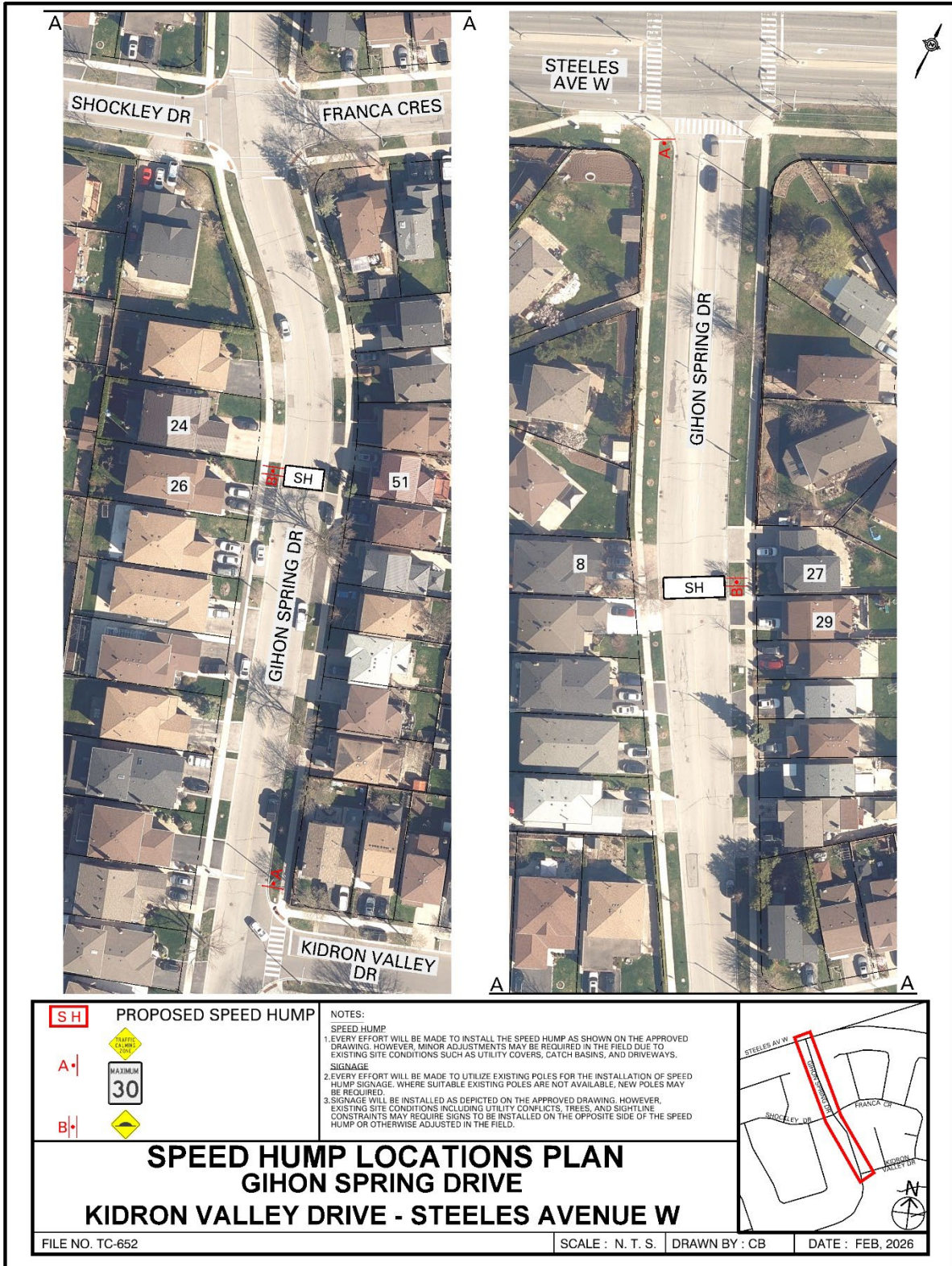


Attachment 3: Speed Hump Locations Plan TC 649 - Alabaster Road

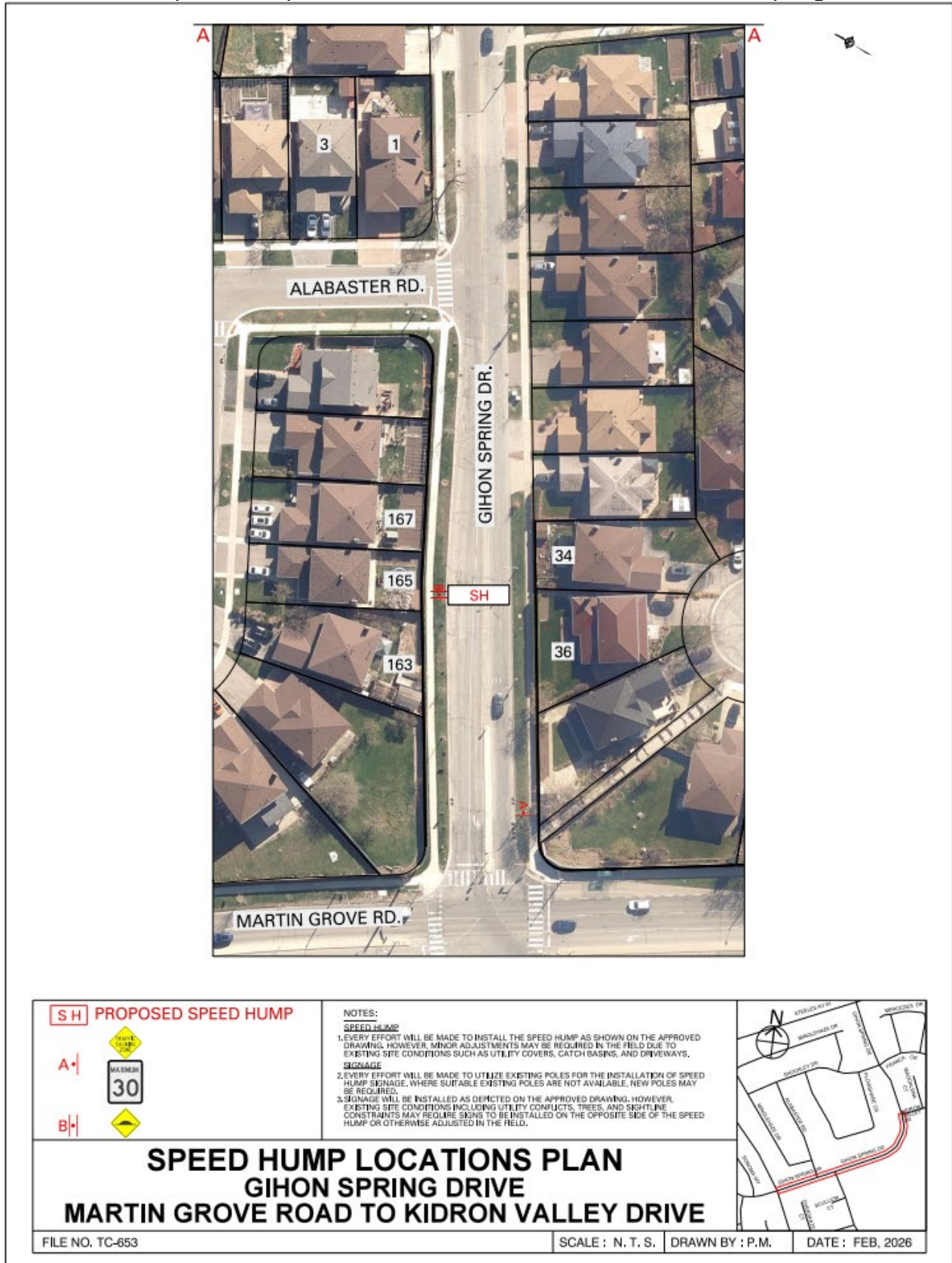


Traffic Calming (Speed Humps) - Shockley Drive, Minglehaze Drive, Alabaster Road, Gihon Spring Drive, and Plowshare Crescent

Attachment 4: Speed Hump Locations Plan TC 652 - Gihon Spring Drive



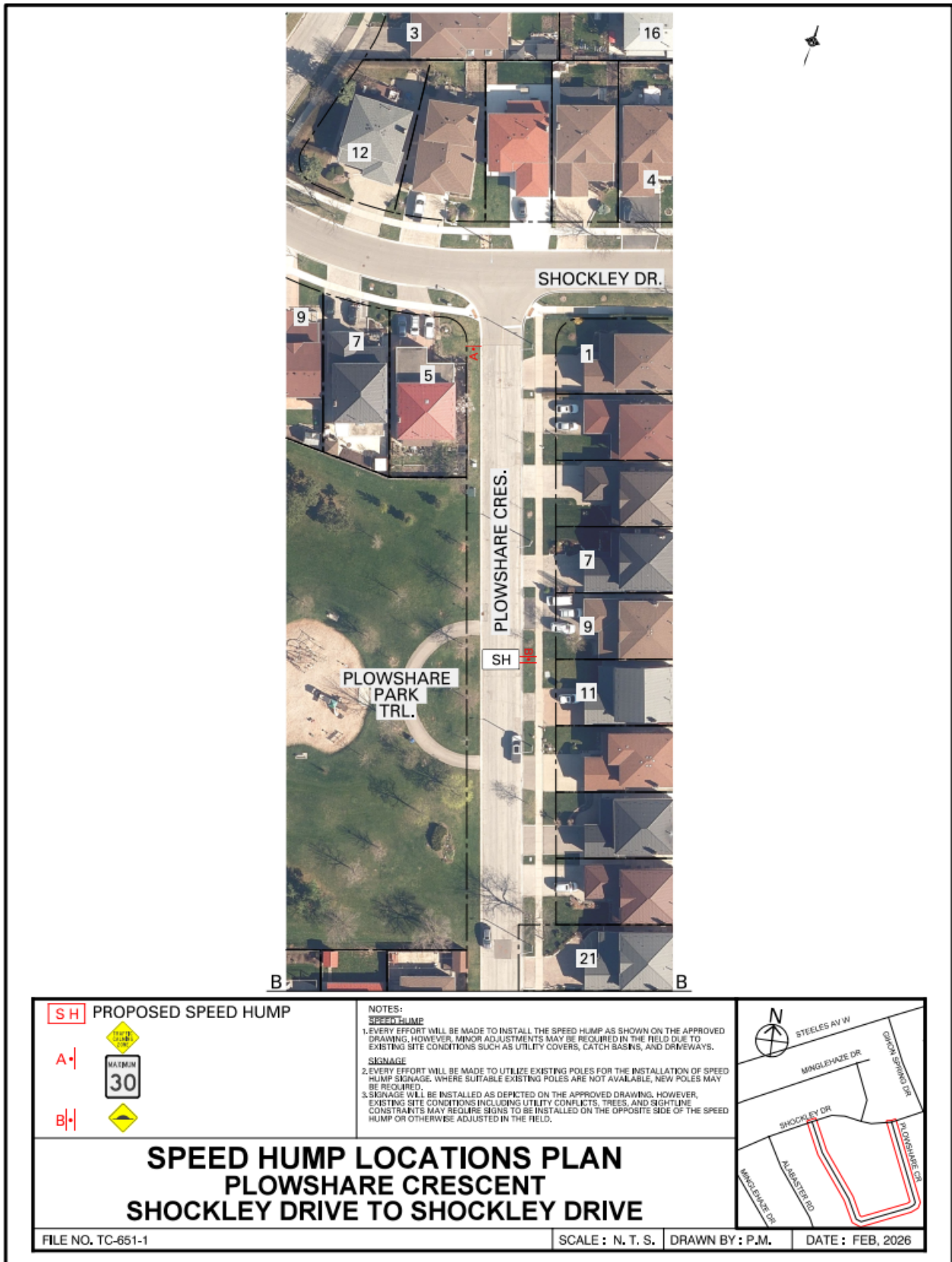
Attachment 5: Speed Hump Locations Plan TC 653, TC 653-1 - Gihon Spring Drive





Attachment 6: Speed Hump Locations Plan TC 651, TC 651-1 - Plowshare Crescent





Attachment 7: Letter from Toronto Paramedic Services, dated February 24, 2026

RE: Emergency Services Comments Request - Traffic Calming on Shockley Drive, Mingleh...



EMS Planning

To ○ Joshua Fleet

Cc ○ EMS Planning



↩ Reply

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→ Forward



Tue 02/24/2026 2:43 PM

Hi Joshua,

We have received and reviewed the proposal for installation of speed humps on Shockley Drive, Minglehaze Drive, Alabaster Road, Ghion Spring and Plowshare Crescent, with the following comments:

The installation of speed humps on Shockley Drive, Minglehaze Drive, Alabaster Road, Ghion Spring and Plowshare Crescent, will impact response and transport times for residents that reside on the roadway speed humps are installed. Impacts may extend to community members if Shockley Drive, Minglehaze Drive, Alabaster Road, Ghion Spring and Plowshare Crescent, 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.

