

Ontario Line

Pape-Cosburn and

Minton Place

March 18, 2026



LAND ACKNOWLEDGEMENT

Metrolinx acknowledges that we connect communities by building and operating transit within the traditional lands of the Anishinaabe, the Haudenosaunee and the Wendat peoples, for whom these lands continue to have great importance.

Treaties between First Nations and governments cover these lands, and the promises contained in these Treaties remain relevant to this day.

Metrolinx and its employees are committed to understanding the history of these lands and the continued impacts of colonization and take responsibility for actions to advance reconciliation.

Metrolinx will continue to seek the knowledge, expertise and experience of Indigenous partners and commits to doing business in a manner that is built on a foundation of trust, respect, and collaboration.

Safety Moment: Spring Cleaning Tips

- Be Careful When Cleaning
- Store strong chemicals away from food. Many poisonings occur when one product is mistaken for another.
- Read and follow the directions for use of products. Do this **BEFORE** using the products. Follow the advice carefully.
- Never mix chemicals. Doing so can create a harmful gas.
- Turn on fans and open windows when using strong chemicals.
- When spraying chemicals, direct spray nozzle away from people and pets.
- Never sniff containers to see what's inside.
- Discard old or outdated products. First aid advice on containers may be incorrect and outdated.



New Renderings

Cosburn Station

Aerial overview of the station entrances and Emergency Exit Building



Cosburn Station

Emergency Exit Building



Cosburn Station

Station entrance on Cosburn Avenue

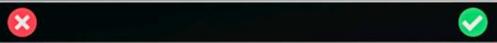


Cosburn Station

Station interior - Ontario Line
entrance level



↓ 3 Ontario Line



← to Street vers Street
↑



↑

Customer Service
Service Clientèle

Cosburn Station

Station interior - Ontario Line
platform level



Designated
Waiting Area
Zone d'attente
désignée

↑
to Street
vers Street

to Street
vers Street

Designated
Waiting Area
Zone d'attente
désignée

Cosburn

3 to Exhibition
vers Exhibition

From this platform De ce quai
to Exhibition
vers Exhibition

20:06¹⁴ From this platform De ce quai
to Exhibition
vers Exhibition
Now Ici
2 min, 5 min

20:06¹⁴ From this platform De ce quai
to Exhibition
vers Exhibition
Now Ici
2 min, 5 min

Cosburn Station

Station entrance on Cosburn Avenue, at dusk



Cosburn Station

Station entrance on Pape Avenue, at dusk





Cosburn Station Works

Cosburn Station Support of Excavation



Cosburn Station Site - March 2026

- The next phase of work at Cosburn will involve preparing the site for excavation.
- Mobilization of equipment started in January. This involves moving site trailers and equipment onto site, as well as installing noise barriers.
- Following mobilization, crews will conduct ground improvement work.
- Ground improvement requires piling that generally entails drilling large circular holes, excavating earth and filling the holes with concrete.
- Drill rigs, excavators, cranes, loaders, concrete trucks, dump trucks and other machinery will be required within and around the site to complete this work.
- Ground improvement activities will take place for approximately five months, and work will be conducted weekdays from 7 a.m. to 7 p.m.
- Environmental monitoring equipment will be on-site to assess levels of noise, vibration and dust from trucks and heavy construction equipment that is expected during construction.

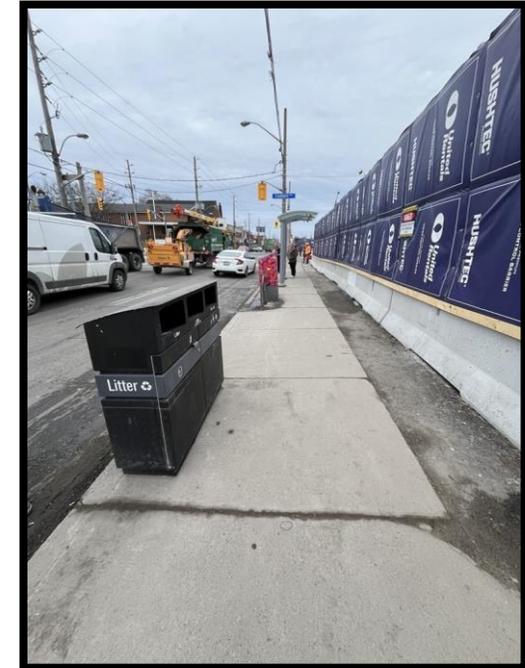
Cosburn Station Community Feedback - Garbage Bin Removals

- To prepare for upcoming construction this spring, the temporary removal of streetscape items including bus shelters, hydro poles, bicycle racks, and garbage bins started in February.
- In collaboration with the City of Toronto, temporary locations were identified to reinstall two garbage bins around the site until mid-April.
- To mitigate the presence of litter, streetsweepers have been assigned to maintain the roads in the area.
- We will monitor the usage of garbage bins around the site to determine if additional measures are required to keep the community clean during construction.

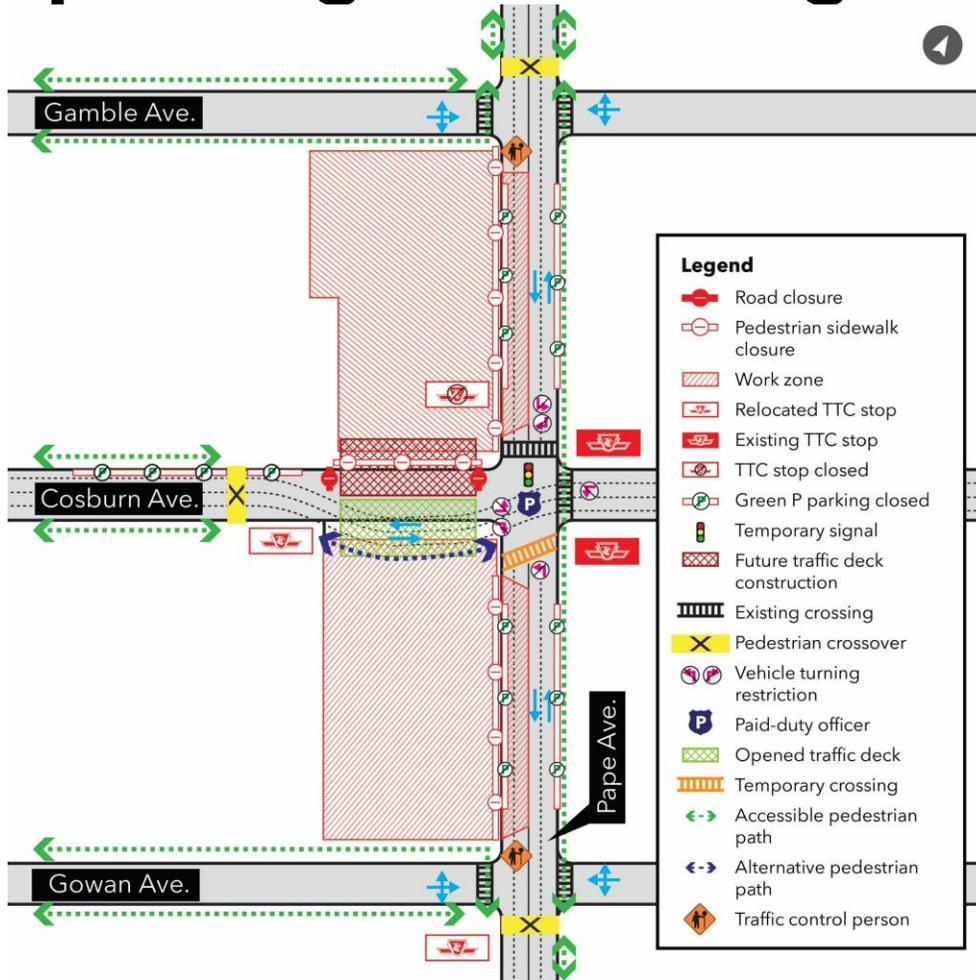
Cosburn Avenue



Pape Avenue



Cosburn Station Upcoming Traffic Changes - Mid-April 2026



- Vehicular traffic will be reduced to one lane in both directions along Pape Avenue between Gamble Avenue and Gowan Avenue.
- Vehicle turning restrictions will be in place at the intersection of Pape Avenue and Cosburn Avenue.
- Pedestrian sidewalks will be closed southbound on Pape Avenue between Gamble Avenue and Gowan Avenue and on Cosburn Avenue just west of Pape Avenue.
- Traffic on Cosburn Avenue will be shifted slightly south to accommodate construction activity.
- The southbound TTC bus stop on Pape Avenue will be relocated from Cosburn Avenue to Gowan Avenue.

Registered Spikes Vibration/Air Quality/Noise February 2026

No	Day/Time of Spikes	Detail	Location	Source	Corrective Action	Complaint Received (Y/N)
1	February 2, 2026 16:40	Vibration	Cosburn North	Excavator was performing soil sampling less than 2 m away from the monitor location.	Construction team has been reminded regarding the monitor location and to be careful when working near by. Monitor has since been relocated.	N
2 & 3	February 9, 2026 9:15-9:45 12:30	Air Quality	Cosburn South	Excavator was performing soil sampling in the area.	The excavator has been moved to different location as soil sampling was a short-term activity.	N
4	February 20, 2026 9:20-10:00	Noise	Cosburn North	Tree removal near the noise monitor.	Source of the exceedance was caused by short-term activity that is now completed.	N
5	February 20, 2026 7:00-23:00	Noise	Cosburn North	Tree removal near the noise monitor.	Tree removals took place during a 40-minute duration near the monitor. Significant noise was generated which contributed to the 16hr-day time increase in noise levels. Source of the increased noise was short-term activity that is now completed.	N
6	February 24, 2026 13:45	Air	Cosburn North	Dry conditions on site.	Construction team was instructed to implement dust suppression measure to prevent future occurrences.	N

Cosburn Station – Upcoming Works

#	Activity	Location	Expected Start	Expected Duration	Impact	Hours of Work	Mitigations
1	Support of Excavation	Cosburn site	Winter 2026	21 months	Vibration, noise, air quality, traffic, lane and sidewalk closures	7:00 am - 7:00 pm	Noise, vibration and air quality monitoring. Permanent hoarding. Dust mitigation includes street spraying and sweeping, work stoppage during high winds.
2	Utility Pole Removals (Toronto Hydro)	Cosburn site	March 24	1-2 months	Vibration, noise, traffic, lane and sidewalk closures	7:00 am - 7:00 pm	Traffic control personnel, safety signage. Contact Toronto Hydro to report concerns with construction activity 416-542-8000

Cosburn Station Toronto Hydro Construction Notice



Construction Notice

March 11, 2026

Dear Resident,

Toronto Hydro is planning to upgrade the existing streetlight infrastructure in your community to improve service reliability. This will include the upgrading of luminaires and installation of streetlighting poles on city-owned property near your lot.

PROJECT		
PROJECT NAME	PROJECT NUMBER	PROJECT AREA
OLN – Cosburn Station	C-250062-ZX9904-00017	A section of Cosburn Avenue & Pape Avenue
WARD	EXPECTED TIMELINE	
14	March 2026 – April 2026	



QUESTIONS?		
WEBSITE	PHONE	EMAIL
torontohydro.com/construction-map	416-542-3366	capitalprojects@torontohydro.com

We want to hear from you!

When our construction work is finished, we'll send you a brief survey in the mail to collect feedback on your experience. Toronto Hydro values your feedback and we're committed to providing you with the highest quality of service possible.

PROJECT STAGES

1

2

3

Design
The *design* stage is when designers plan on how to get the new power supply to your home or business.

Civil
The *civil* stage is when crews dig into the ground and place new poles and underground conduits.

Electrical
The *electrical* stage is when crews switch over the supply from the old to the new system.

WORK DETAILS

While Toronto Hydro will make every effort to reduce the impact of construction on your community, you may experience dust, noise and other inconveniences as a result of the work on this project. We appreciate your patience as we work to improve service reliability in your neighbourhood.

WORK HOURS



The work on this project will generally take place Monday to Friday, between 7 a.m. and 7 p.m. However, some weekend work may occur.

ROAD AND SIDEWALK ACCESS



In order to complete work in a safe manner, there may be road and sidewalk restrictions within the construction work area. In the event of any parking restrictions in your community, advance notice will be provided.

TREE TRIMMING / VEGETATION



To accommodate the new electrical infrastructure, trees may need to be trimmed on City property. Crews will take extra care and precautions when doing this work. To help ensure the safety of our crews and equipment, we kindly ask that customers refrain from planting landscaping (shrubs, trees, flowers, etc.) near Toronto Hydro infrastructure, as crews require unobstructed access to our equipment.

SAFETY TIPS

PUBLIC SAFETY IS OUR TOP PRIORITY AND EVERYONE PLAYS AN IMPORTANT ROLE:

- Never enter a construction area marked by fences or safety cones
- Be visible at all times and make eye contact with people operating equipment
- Be aware of your surroundings and avoid distractions
- Follow all safety signage, even if there are no construction workers around
- Use the sidewalk or designated walkway
- Ask for assistance to get around the construction area if preferred
- Watch your step! Always be prepared for unexpected hazards
- Report anything that looks dangerous to a construction site worker, or call **416-542-8000**



To learn more, scan the code to visit torontohydro.com/construction

Minton Place Tunnel Portal Works

Minton Portal - February to March Progress

- Excavation for the Minton Place Portal is ongoing. Approximately 14% of excavation is now complete.
- Regular truck traffic in the area continues to facilitate haulage in the area. Current levels of truck activity will be maintained with no foreseen increases for this stage.
- Tieback drilling for shoring walls to support excavations are ongoing. The current depth of ongoing drills reduces the risk of vibratory impacts to residents.
- Recent cases of vibration complaints (4) on February 23, 2026 were caused by compaction work for access roads within the site. To address this and future complaints, the contractor will use static rollers where possible.
- Vibratory rollers are commonly used for road work across the city and produce low-frequency vibrations in the ground. Based on the distance from the equipment, the low vibration levels and the local soil conditions, these vibrations are not expected to cause structural damage to nearby buildings.



Minton Portal SOE - View from DVP

Eight Week Look-Ahead

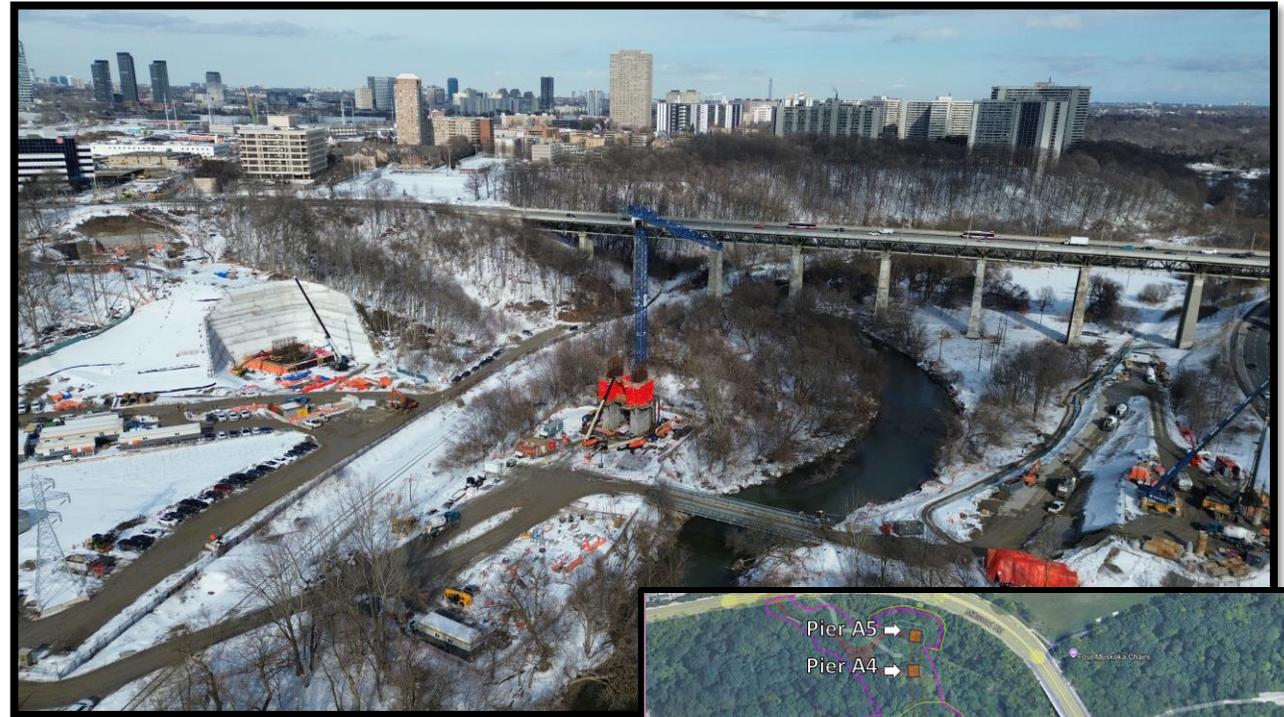
#	Activity	Location	Expected Start	Expected Duration	Impact	Hours of Work	Mitigations
1	Tieback Anchor Drilling and Portal SOE Excavation	Minton Portal	December 01, 2025	1 year	Vehicular traffic, vibration, noise	7:00 am 5:30 pm**	Monitoring of traffic control plans, traffic control personnel, vibration monitoring, noise monitoring
2	Zone-2,3,4 Secant Pile Installation	Minton Portal	February 01, 2026	1 Year			Echo barriers were installed since previous piling scope.

*** Please note that, given the unpredictable nature of subsurface conditions, extended hours may be required on weekdays. Crews will do their best to complete construction activities by 5:30pm, but extended hours until 7:00pm may be required at times. Saturday works will occur from 9:00am to 7:00pm.*

Bridge Construction (Don Valley Crossing)

Don Valley Crossing- February to March Progress

- **Pier A1:** Drilling for pile shoring wall continues.
- **Pier A2:** The pier column construction is underway. Currently the pier column construction is 50% complete
- **Pier A3:** Pile cap concrete pour completed March 15
- **Pier A4:** Pier foundation construction has been completed. Column construction scheduled to commence in the summer
- **Pier A5:** Tieback drilling is all but complete on the pile shoring wall. Modifications to the pile shoring wall face will continue into April. Once complete pier foundation works will commence.



DVC Bridge - Pier A1-A5



Eight Week Look-Ahead

#	Activity	Location	Expected Start	Expected Duration	Impact	Hours of Work	Mitigations
1	Secant Pile Wall tieback installation	Don Valley Crossing (Pier A1)	December 2025	Six months	Noise, Vibration, Air Quality	7:00 am - 5:30 pm	Monitoring noise and air quality levels. Enacting noise mitigation controls and dust suppression as required.
2	Pier Construction	Don Valley Crossing (Pier A2)	November 2025	Six months			
3	Pier Construction	Don Valley Crossing (Pier A3)	January 2026	Six months			
4	Pier Construction	Don Valley Crossing (Pier A4)	January 2026	Six months			
5	Secant Pile Wall tieback installation	Don Valley Crossing (Pier A5)	December 2025	3 months			
	Caisson Works		April 2026	1 month			

Construction Vibration Zone of Influence

What is Vibration?

Vibration is an oscillatory motion of an element or particle and is described in terms of its velocity (instantaneous speed) in each of three mutually perpendicular directions (transverse, lateral, and vertical).

What is a Vibration Zone of Influence (ZOI)?

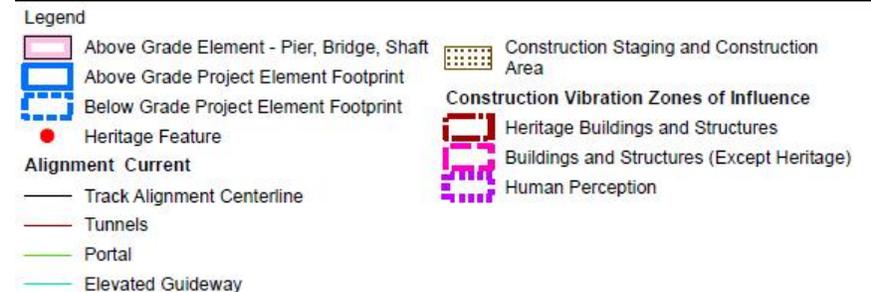
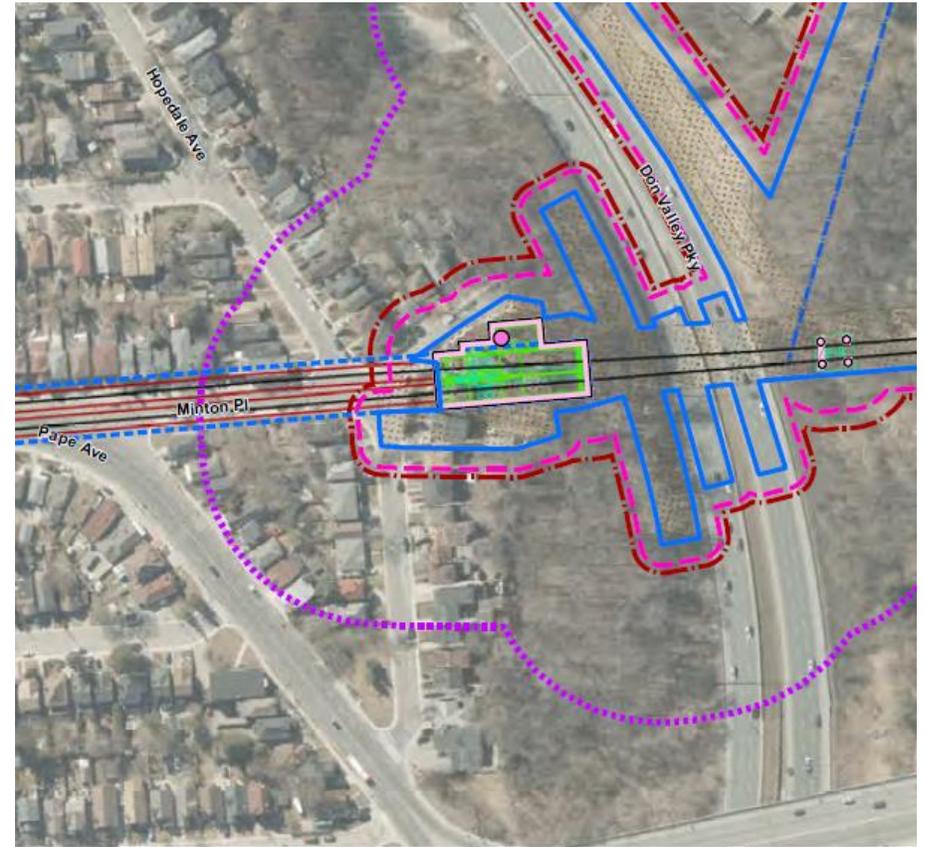
The construction vibration zone of influence (ZOI) is defined as the setback distance and corresponding area that may be impacted by construction vibration.

How Do We Measure Vibration That Might Damage Buildings?

Structural damage from vibration is measured using peak particle velocity (PPV), which is the maximum instantaneous movement of the vibration signal (measured in mm/s) at a specific frequency (Hz)

How Do We Measure Vibration That Humans Can Feel?

Human perception of vibration is measured using root mean square (RMS), which is a metric of the averaged vibration level (e.g., over 1 second, as the human body needs time to react to the transmitted vibration into the body)



Construction Vibration Limits

- The Don Valley Crossings Contract outlines limits for construction vibration that the Contractor must comply with.
- Maximum construction peak particle velocity limits for damage to buildings and structures are identified, with more stringent limits for heritage buildings as they are more susceptible to damage from vibration.

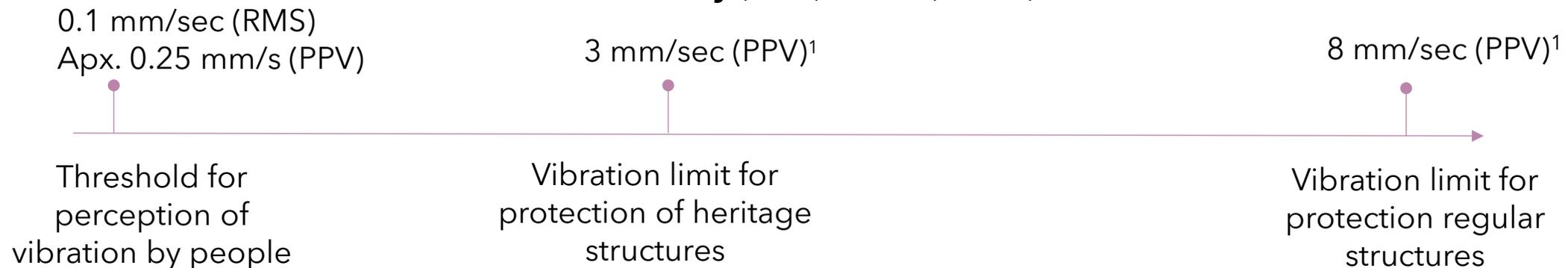
Frequency of Vibration (Hz)	Maximum Vibration Peak Particle Velocity Limit for Standard Construction (mm/s)	Maximum Vibration Peak Particle Velocity Limit for Built Heritage Resources (mm/s)
Below 4H	8	3
4Hz and below 10Hz	15	3
10Hz and below 50Hz	25	8
50Hz and above	25	10

- Vibration limits align with City of Toronto Code (2021) for buildings and structures as the US FTA Manual (2018) for heritage buildings
- The limits for standard construction are designed to protect against any structural impacts to regular buildings and infrastructure (e.g., residential homes).

Perceptible Vibration vs. Vibration Exceedance

- Human perception of vibration is measured using root mean square (RMS), which is a metric of the averaged vibration level (e.g., vibration for a duration of one second), as the human body needs time to react to the transmitted vibration.
- The vibration exceedance level for regular structures is **32 times more than the perception level** where people may notice vibrations.
- Vibration may be felt even when there has been no exceedances, and no potential for damage to buildings.

Construction Vibration Peak Particle Velocity (PPV) Limits (mm/s)



Vibration Monitoring at Minton Place

Monitoring Setup

- Two vibration monitors are installed at locations within the zone of influence (ZOI) throughout construction work. Monitors are specifically positioned to protect residential homes near the portal work. Locations are adjusted as construction evolves.
- Metrolinx and the Contractor continuously monitor vibration levels in real-time (i.e. 24/7) to ensure levels stay within safe limits.

Protocol for Exceedances

When vibration exceeds the vibration limits:

- A real-time alert is sent to the Contractor and Metrolinx;
- Contractor confirms if the high vibration level is related to on-site construction activities;
- If confirmed, they investigate and take action to implement additional mitigation or avoidance measures as necessary to ensure compliance with vibration limits.
- No vibration exceedances were recorded at both monitoring locations throughout March 2026.





Discussion

