GO Expansion

Bloor-Lansdowne GO Station Construction Liaison Committee (CLC)

February 24, 2026

Cet présentation est disponible en français sur demande.
Si vous êtes intéressé, veuillez envoyer un courriel à TorontoWest@metrolinx.com

METROLINX TORONTO

Rendering of the future Bloor-Lansdowne station, Bloor Street West entrance. Subject to change.

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.

A GO train in transit. Metrolinx imag

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Safety Moment

Agenda

1. Welcome

2. Construction Updates

3. Environmental Monitoring

4. Discussion

5. Contact Us

Artist rendering showing main station building at Bloor-Lansdowne GO Station. Subject to change.

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Construction Updates

Works Completed

Demolition of Concrete Slab at 17 Dora

- February 2-11, 2026

Snow clearing/site maintenance

- Ongoing as required

Installation of fencing at 45 Sterling Easement

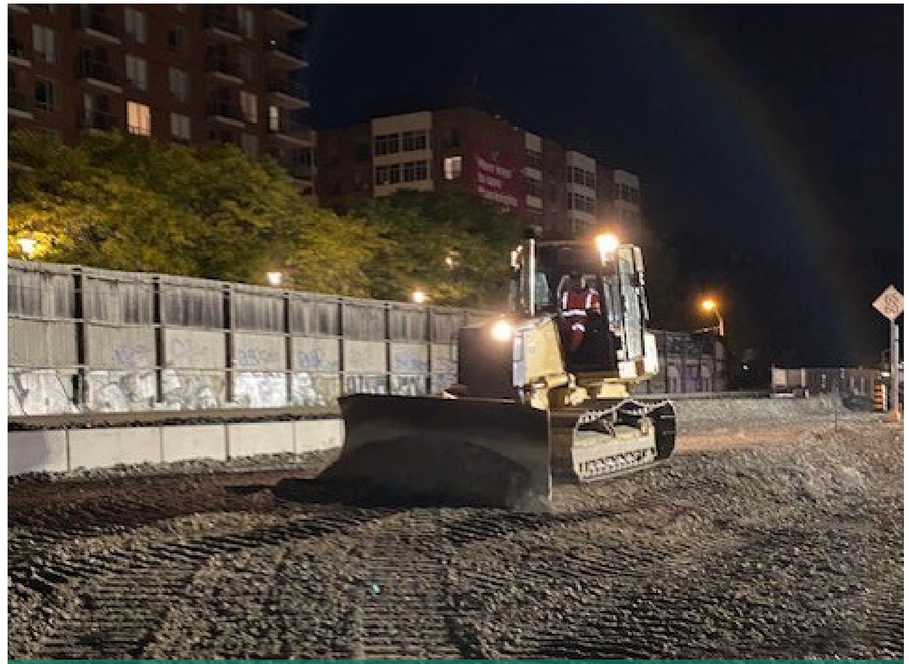
- Future laydown/material storage area
- February 12-13, 2026

Repair of Temporary Fencing behind 262 and 284 St. Helen's

- February 4, 2026

Demolition of 9 Dora

- Monday, January 19 – February 6, 2026



CWZ installed at the site of the future Bloor-Lansdowne GO Station.

Temporary fencing repaired behind 262 and 284 St. Helen's.

Works in Progress / Coming Up

Site servicing preparatory works
- General across site
- 17 Dora sewer and storm tank installations

East Platform construction
- Installation of retaining walls along eastern edge of multi-use path

Main Station Building
- Excavation – final stage down to tunnel slab elevation
- Construction – tracking for mid-March

Continuous Work Zone – Remediation
- Tracking for March 9 but is subject to change.
- Will require 1-2 weeks of overnight work

Borehole drilling at 45 Sterling
- Tracking for March 2, subject to change.

Image of fencing repair works behind St. Helen's.

Construction Lookahead

Timeline* *dates are tentative	Activity	Description	Hours
February 9, 2026 - March 2026 *Notice has been sent.*	Service Building Construction (Below Ground)	Includes site preparation, shoring and excavations, foundation and utilities work, stormwater tank installation.	Daytime 7 AM – 5 PM
March 2, 2026 - September 2026 *Notice has been sent.*	East Platform Construction	Includes excavation, grading, pouring of concrete, foundation and utilities works, retaining wall construction.	Daytime 7 AM – 5 PM
March 2026 – September 2026 *Notice has been sent.*	Main Station Building Construction	Includes the use of concrete trucks, excavators, triaxle dump trucks, and loaders.	Daytime 7 AM – 5 PM
Monday, March 2 for up to two weeks. Subject to change.	Borehole drilling at 45 Sterling Avenue	Drilling of boreholes and installation of monitoring wells within the easement at 45 Sterling. Noise, dust, and vibration impacts.	Daytime 7 AM – 5 PM
March 9, 2026, for up to 2 weeks. *Notice has been sent.*	CWZ Fence Installation/Deficiency Rectification	Rectification of identified deficiencies. Chainlink fence will be installed on top of the current TCB barrier to provide additional separation between work activities and live trains.	Nighttime, 11 PM – 6 AM

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Environmental Monitoring

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Important Context for Interpreting Noise Monitoring Data

What is Leq 15 min?

- A 15-minute average of all sound during that period
- Loud and quiet moments are blended together
- One loud event (train horn, truck, machinery) can raise the entire average

What an "exceedance" means

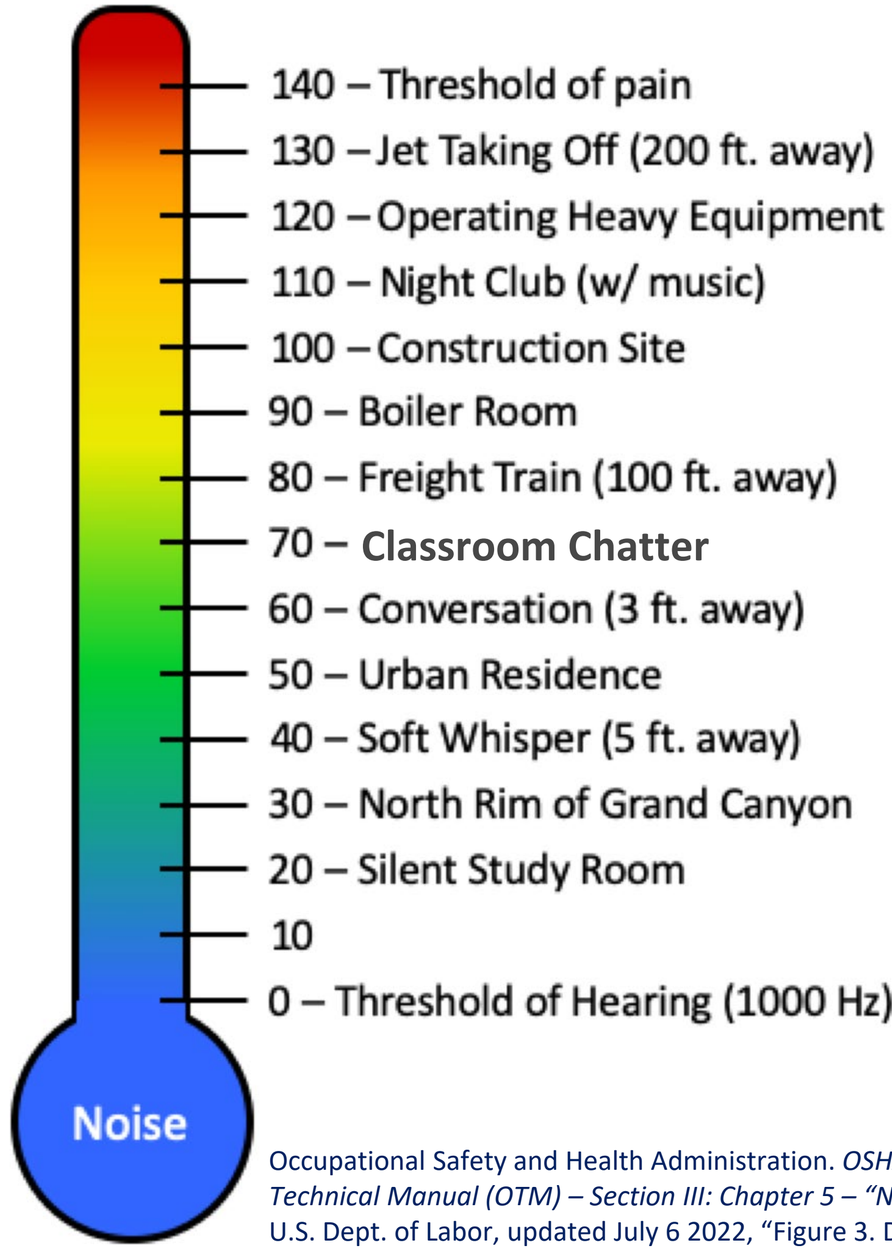
- The measured level was above the applicable guideline
- It does **not** always mean construction caused it
- It includes **all** sound at the monitor (traffic, trains, voices, weather)

What the monitor captures

- A fixed outdoor microphone recording all ambient noise
- Cannot distinguish project vs. non-project sources
- Weather, rail traffic, and nearby activity can influence readings

How exceedances are used

- Teams review each exceedance to identify causes
- Helps improve mitigation, scheduling, and community notifications
- Supports transparency and continuous noise management



Occupational Safety and Health Administration. *OSHA Technical Manual (OTM) – Section III: Chapter 5 – "Noise"*. U.S. Dept. of Labor, updated July 6 2022, "Figure 3. Decibel Scale", www.osha.gov/otm/section-3-health-hazards/chapter-5#decibles. Accessed November 25, 2025

Noise Monitoring Summary for December 2025 and January 2026

Definition: Leq 15 min
Leq 15 min stands for "15-minute equivalent continuous sound level." It is a standardized noise measurement that represents the average sound energy over a continuous 15-minute period, accounting for both loud and quiet moments. Even if noise fluctuates—traffic, trains, construction, voices—Leq smooths those variations into one representative value that reflects overall sound exposure for that timeframe.

Location of Monitor: 1319 Bloor Street West – Construction Laydown Area

	Number of days with							
Month	Daytime exceedances: (7:01 – 19:00)	Evening exceedances: (19:01 – 23:00)	Overnight exceedances: (23:01 – 07:00)	# of days with active construction	# of complaints	Average Leq 15 mins (dBA) of Exceedances	Main Scheduled Activity	Corrective Action
Dec 2025	0	0	0	14	2	N/A	Excavation of main station building	N/A

Location of Monitor: 17 Dora Ave – Service Building Area

	Number of days with							
Month	Daytime exceedances: (7:01 – 19:00)	Evening exceedances: (19:01 – 23:00)	Overnight exceedances: (23:01 – 07:00)	# of days with active construction	# of complaints	Average Leq 15 mins (dBA) of Exceedances	Main Scheduled Activity	Corrective Action
Dec 2025	0	0	0	14		N/A	Excavation of main station building	N/A

***Number of days for daytime, evening, and overnight are not mutually exclusive**
(e.g. if Aug 5 has exceedances at 14:00, 20:30, and 1:15, then August 5 is counted in all three categories

**** Wind and rain occurrences have been omitted**
***** Days where no work was scheduled have been omitted**

Important Context for Interpreting Vibration Monitoring Data

What is being measure:

- Vibration levels are measured as Peak Particle Velocity (PPV), expressed in millimetres per second (mm/s).
- This measures how fast the ground moves during construction activity.

What an "exceedance" means

- The measured level was above the applicable guideline
- It does **not** always mean construction caused it
- It includes **all** vibration at the monitor (traffic, trains, etc.)

What the number means

- A recorded vibration event does not mean damage has occurred.
- Most vibration events are short-term and remain well below levels associated with cosmetic or structural damage.
- Vibration levels can fluctuate depending on construction activity, distance from the work, soil conditions, and building type.
- Brief spikes can occur even during routine work.

How exceedances are used

- Monitoring results are reviewed against established industry and regulatory guidelines that are designed to protect nearby buildings.
- Teams review each exceedance to identify causes
- Helps improve mitigation, scheduling, and community notifications
- Supports transparency and continuous vibration management

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Vibration Monitoring Summary for December 2025

Definition: Peak Particle Velocity (PPV)
Construction vibration is measured using Peak Particle Velocity, expressed in millimetres per second (mm/s). PPV represents the maximum speed at which ground particles move because of construction activity and is the industry-standard metric used to assess the potential for vibratory impacts

Location of Monitor:

	Number of days with							
Month	Daytime exceedances: (7:01 – 19:00)	Evening exceedances: (19:01 – 23:00)	Overnight exceedances: (23:01 – 07:00)	# of days with active construction	# of complaints	Average PPV (mm/s) of Exceedances	Main Scheduled Activity	Corrective Action
Dec 2025	0	0	0	14	0	N/A	Excavation of main station building	N/A

***Number of days for daytime, evening, and overnight are not mutually exclusive**
(e.g. if Aug 5 has exceedances at 14:00, 20:30, and 1:15, then August 5 is counted in all three categories

**** Days where no work was scheduled have been omitted**

Source-Based Mitigations for Noise and Vibration

Equipment Sound Control: Noise and vibration levels are benchmarked for typical construction equipment (excavators, dozers, cranes, concrete saws, etc). Equipment is operated with mufflers, silencers, or acoustic modifications where feasible to ensure levels remain as low as reasonably achievable.

Equipment Maintenance and Age: Preventative maintenance, use of newer units where possible, and replacement of outdated or faulty machinery are core mitigation practices.

Activity Scheduling: Work that risks nighttime exceedances must be carefully justified and managed with additional controls.

Operational Practices: Use of quitter construction techniques (e.g hydraulic rather than pneumatic tools, low vibration piling methods), proper equipment staging to reduce cumulative effects, and avoidance of idling to limit unnecessary noise

Monitoring and Alerts: 24/7 monitoring is in place at sensitive locations and is reviewed by noise consultants. If levels exceed defined thresholds, automatic alerts are triggered for investigation and corrective action (e.g adjusting work methods, equipment deployment, or sequencing). Metrolinx has staff every night to ensure compliance. In addition, Metrolinx will be sending a member of the project team on top of regular field staff to monitor first-hand experience with noise.

Compliance with Criteria: Thresholds are based on baseline measurements of existing ambient noise. Alarm levels are set relative to baseline plus allowable margins. Exceedances trigger review and if needed, immediate source-based mitigation.

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Important Context for Interpreting Air Quality Monitoring Data

What is being measure:

- Air quality monitoring measures airborne dust, known as particulate matter (PM). Results are reported in micrograms per cubic metre (µg/m³), which indicates the amount of dust particles present in a given volume of air during a monitoring period.

What an "exceedance" means

- An exceedance occurs when a monitored value is above a guideline or project-specific trigger level for a defined period of time.
- An exceedance does not automatically mean there is a health risk or that harm has occurred. Short-term exceedances can occur during active construction or changing weather conditions.

What the number means

- The air quality number represents the concentration of dust in the air at the time of monitoring.
- Readings can vary throughout the day due to construction activity, weather, wind, traffic, and other nearby sources

How exceedances are used

- Monitoring results are reviewed against established industry and regulatory guidelines
- Teams review each exceedance to identify causes
- Helps improve mitigation, scheduling, and community notifications
- Supports transparency and continuous air quality management

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Air Quality Monitoring Summary for December 2025

Definition: PM_{10} (µg/m³)
PM_{10} refers to particulate matter with a diameter of 10 micrometres or smaller. It is a standardized air-quality measurement used to represent the concentration of construction-related dust particles suspended in the air. Results are expressed in micrograms per cubic metre (µg/m³), which indicates the amount of particulate matter present within a defined volume of air.

Location of Monitor:

	Number of days with							
Month	Daytime exceedances: (7:01 – 19:00)	Evening exceedances: (19:01 – 23:00)	Overnight exceedances: (23:01 – 07:00)	# of days with active construction	# of complaints	Values recorded by stations (PM_{10} (µg/m³)):	Main Scheduled Activity	Corrective Action
Dec 2025	0	0	0	14	1	N/A	Excavation of main station building	N/A

***Number of days for daytime, evening, and overnight are not mutually exclusive**
(e.g. if Aug 5 has exceedances at 14:00, 20:30, and 1:15, then August 5 is counted in all three categories

**** Days where no work was scheduled have been omitted**

Source-Based Air Quality Management and Dust

Equipment Emissions Control: All diesel engines and exhaust systems are kept in good working order to meet regulatory standards. Equipment is enrolled in a preventative maintenance program, including periodic emissions testing. If visible smoke is observed from equipment, i immediate corrective maintenance will be triggered to resolve the issue.

Idling Restrictions: Idling is limited in line with the City of Toronto's by-law, and "No Idling" signage is posted around the site. Site supervisors will be responsible for monitoring and enforcing compliance with these restrictions.

Dust Suppression Practices: Roads and paved areas adjacent to the work site are cleaned regularly to prevent soil or debris from being tracked onto public streets. Wet sweeping and washing will be used where necessary to control dust. Water or other dust suppressants will be applied during earthworks, stockpiling, cutting, and grinding activities. Concrete cutting and breaking will use wet saws or wetting methods to control silica emissions. Stockpiles will be covered or stabilized with tarps, suppressant, or vegetation, particularly during high winds. Construction schedules may be adjusted when wind speeds exceed 36 km/h for two consecutive hours. Haul route traffic will be restricted to a maximum of 10 km/h to further minimize dust emissions.

Odour Management: The use of low-sulphur diesel will reduce diesel odours, and strict enforcement of idling restrictions will further minimize exhaust-related odour impacts.

Monitoring & Alerts: Continuous monitoring of particulate matter (PM10, PM2.5, and silica) is conducted at the site. If monitoring shows that thresholds are being approached, real-time alerts will be triggered. Corrective actions are taken immediately to bring emissions back within acceptable levels.

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Questions and Committee Discussion

Action Log: January 27, 2026

#	Question Asked/Action Item	Response/Resolution	Date/Status
1	Create more frequent /more specific lookahead	Two week lookahead sent with expected impacts	Feb 18, 2026
2	284 St. Helen's follow-up meeting	Meeting held. Items discussed. Fencing, interlocking, pre-condition survey, communication preferences, masonry, vibration concerns.	Jan 30, 2026
3	Provide clarification on range/coverage for noise monitors (how readings relate to distance)	Noise monitors are placed based on how far sound from construction equipment is expected to travel, using "zones of influence" calculated in a Construction Noise and Vibration Management Plan prepared before construction begins. These zones are based on standard equipment noise levels and how sound decreases with distance, helping ensure monitors are positioned where they will capture the highest expected noise levels. Because buildings, elevation, weather, and equipment type can affect how sound travels, monitor readings represent conditions at the monitor's location and are interpreted in context rather than as exact noise levels at individual properties.	Feb 24, 2026
4	Temporary fencing at St. Helen's' no privacy or protection from dust.	Fencing was realigned and replaced with lighter fence. New sturdier cloth attached on the corridor side. Grascan committed to regular maintenance checks.	Feb 04, 2026

Action Log: February 2026

#	Question Asked/Action Item	Response/Resolution	Date/Status
1	With the two-week Look ahead schedule. Do you have an ability to assess and determine whether work will be specifically be operating outside of 284?		
2			
3			
4			

Updates will be communicated to the community via:

- Mail drops of notices to residents
- Bi-weekly Toronto West E-Newsletter
- Project website (metrolinx.com/bloorlansdowne)
- Monthly Construction Liaison Committee (CLC) Meeting
- Virtual and in-person public meetings
- Community pop-ups
- Toronto West phone number:
  - 416-202-6911
- Toronto West email:
  - **TorontoWest@metrolinx.com**
- X: @GOExpansion
- Metrolinx Engage

Cette présentation est disponible en français sur demande. Si vous êtes intéressé, veuillez envoyer un courriel à TorontoWest@metrolinx.com

Contact Metrolinx and Stay Connected

Metrolinx will keep the community informed by providing Bloor-Lansdowne GO Station updates and addressing questions and concerns effectively, and quickly.

Connect With Us:

Toronto West Community Engagement Team
TorontoWest@metrolinx.com
416-202-6911
E-newsletter: **Metrolinx.com/subscribe**

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