

Ontario Line

Corktown/Don Yard Construction Liaison Committee

November 28, 2024

 METROLINX



Agenda

Welcome

- Introductions
- Land Acknowledgement
- Safety moment

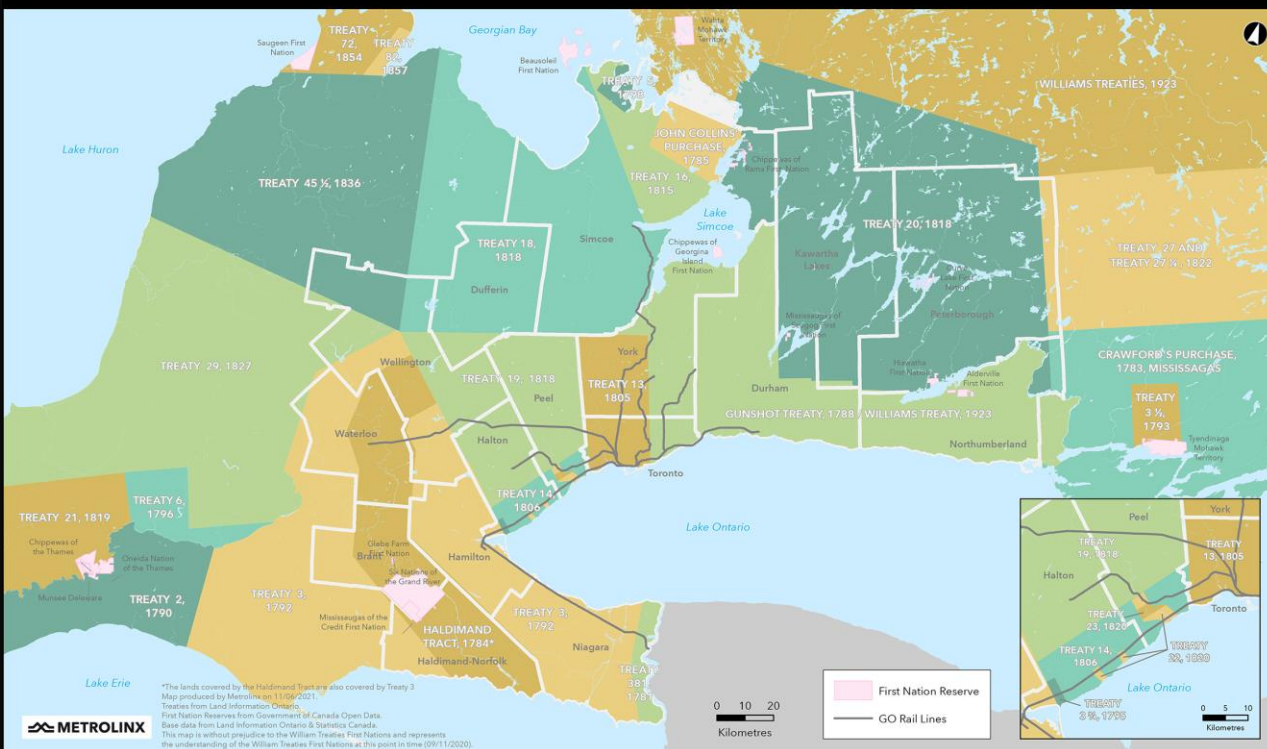
Presentation

- Review of Action Items
- Don Yard Works
 - Construction Updates
- Corktown Station
 - Construction Updates
- Noise & Vibration Reporting
- CLC Terms of Reference
- Keeping You Informed
- **Q/A and Discussion**



LAND ACKNOWLEDGEMENT

Treaties and Reserves in the Greater Golden Horseshoe



Let us take a moment to acknowledge we are on lands that have been, and continue to be, home to many Indigenous Peoples including the Anishnabeg, the Haudenosaunee and the Huron-Wendat peoples.

We are all Treaty people. Many of us have come here as settlers, as immigrants or involuntarily as part of the trans-Atlantic slave trade, in this generation, or generations past.

We acknowledge the historic and continued impacts of colonization and the need to work towards meaningful reconciliation with the original caretakers of this land.

We acknowledge that Metrolinx operates on territories and lands covered by many treaties that affirm and value the rights of Indigenous communities, Nations and Peoples.

We understand the importance of working towards reconciliation with the original caretakers of this land. At Metrolinx, we will conduct business in a manner that is built on a foundation of trust, respect and collaboration.

Safety Moment – Community Safety Around Construction

As the work continues to deliver the Ontario Line, numerous safety protocols for trucks have been implemented across the various work sites to keep pedestrians, cyclists and vehicles safe:

- Traffic control flag persons are present at construction vehicle entry and exit points (gates) to give verbal and hand signals to approaching & exiting trucks.
- Constant communication with other traffic control persons using radio, coordinating vehicle movements.
- Speed limit signs (10km/hr) that are posted and displayed at gates.
- Ongoing briefing with delivery truck companies to follow site safety requirements when entering and exiting.
- **As a pedestrian or cyclist, be aware of vehicles and look both ways.**



Traffic control person aiding pedestrians

JULY - AUGUST CLC ACTION ITEMS - COMPLETED

| # | ACTION ITEM | RESPONSE | STATUS |
|---|--|---|-----------|
| 1 | Metrolinx to escalate weeds/boulevard maintenance issue to the City of Toronto | Metrolinx has escalated the issue to the City, who are inspecting and addressing the cleanup. | Completed |
| 2 | Metrolinx to provide updates on noise and vibration exceedances at the November 28 th CLC. | Noise and Vibration Exceedances Report shared within today's presentation and will be shared at each monthly CLC. | Completed |

JULY - AUGUST CLC ACTION ITEMS - PENDING

| # | ACTION ITEM | RESPONSE | STATUS |
|---|--|--|-------------|
| 1 | Metrolinx to provide updates from the East Harbour team on the bridge and multi-use path at a future CLC. | A member of the East Harbour team will attend a future CLC meeting to provide updates. Timing is TBD. | In progress |
| 2 | Metrolinx to provide update on station naming process. | Metrolinx confirmed there will be a formal feedback process so community members can give their opinions on the station name they prefer. This process is expected to kick-off in early 2025. In the meantime, community members can submit their preferred names to ontarioline@metrolinx.com | In progress |

OCTOBER CLC ACTION ITEMS - COMPLETED

| # | ACTION ITEM | RESPONSE | STATUS |
|---|--|--|-----------|
| 1 | Metrolinx to advise contractors of comment regarding increased pedestrian traffic during the Winter Market. | The Contractor and Metrolinx will be mindful of increased pedestrian traffic during winter market. Access to the site is east of the Distillery District, where the Winter Market is taking place. | Completed |
| 2 | Metrolinx will share a visual representation of where the TBM will enter the Don Yard site to the CLC membership. | Graphic provided on slide 9. | Completed |

Don Yard Construction Update



Tunnel Boring Machine (TBM) Headwall



Upcoming Work

Hours of work:

- Hours of work vary based on work activity and progress - further information on current work hours is provided below.
- Updates to the current schedule will be shared with the community in advance.

Jet Grouting

- In late November 2024, jet grouting work will begin for approximately seven (7) months.
- Jet grouting is a soil stabilization technique required to improve soil conditions prior to constructing the new subway portal.
- Jet grouting is a continuous operation that takes place Monday to Sunday during the day and night.
- Continuous work is required to maintain proper ground conditions and allow equipment to operate safely.
- Minimal to no noise is expected.

Jet Grout
Preparation Plant



Piling and Drilling

- Within the next month, piling work will resume at full capacity.
- Piling work is currently ongoing Monday to Friday between 7 a.m. - 11 p.m. and Saturdays from 7 a.m. - 5 p.m.
- Four drill rigs will be used to complete piling work, and dump trucks will be loaded with spoils for removal offsite. Other equipment in use will be excavators, hydro-vacuum trucks, cranes, loaders, and backhoes.



Drill rig

Temporary Bridge Trestle

- In early December 2024, installation of the temporary bridge trestle on the south side of the Don Valley Parkway (DVP) will begin.
- Bridge work will take place during the day Monday to Saturday between 7 a.m. - 7 p.m.
- The bridge trestle superstructure on the north side of the DVP will begin in early 2025.
- This work will involve in-water and out-of-water work.
- Temporary bridge trestle work is expected to be completed by Spring 2025.



In-Water Work

Construction Mitigations

- Mitigation measures are in place to minimize community disruption.
- For ongoing work, this includes:
 - Use of new stationary auger cleaning to minimize noise from auger shaking after 7 p.m.
 - Installing acoustic blankets around jet grouting equipment
 - Using a wheel washing station on all trucks leaving the site to limit dust and mud tracking
 - Application of beet juice solution and water to minimize dust



Water misting spoils



Noise barrier



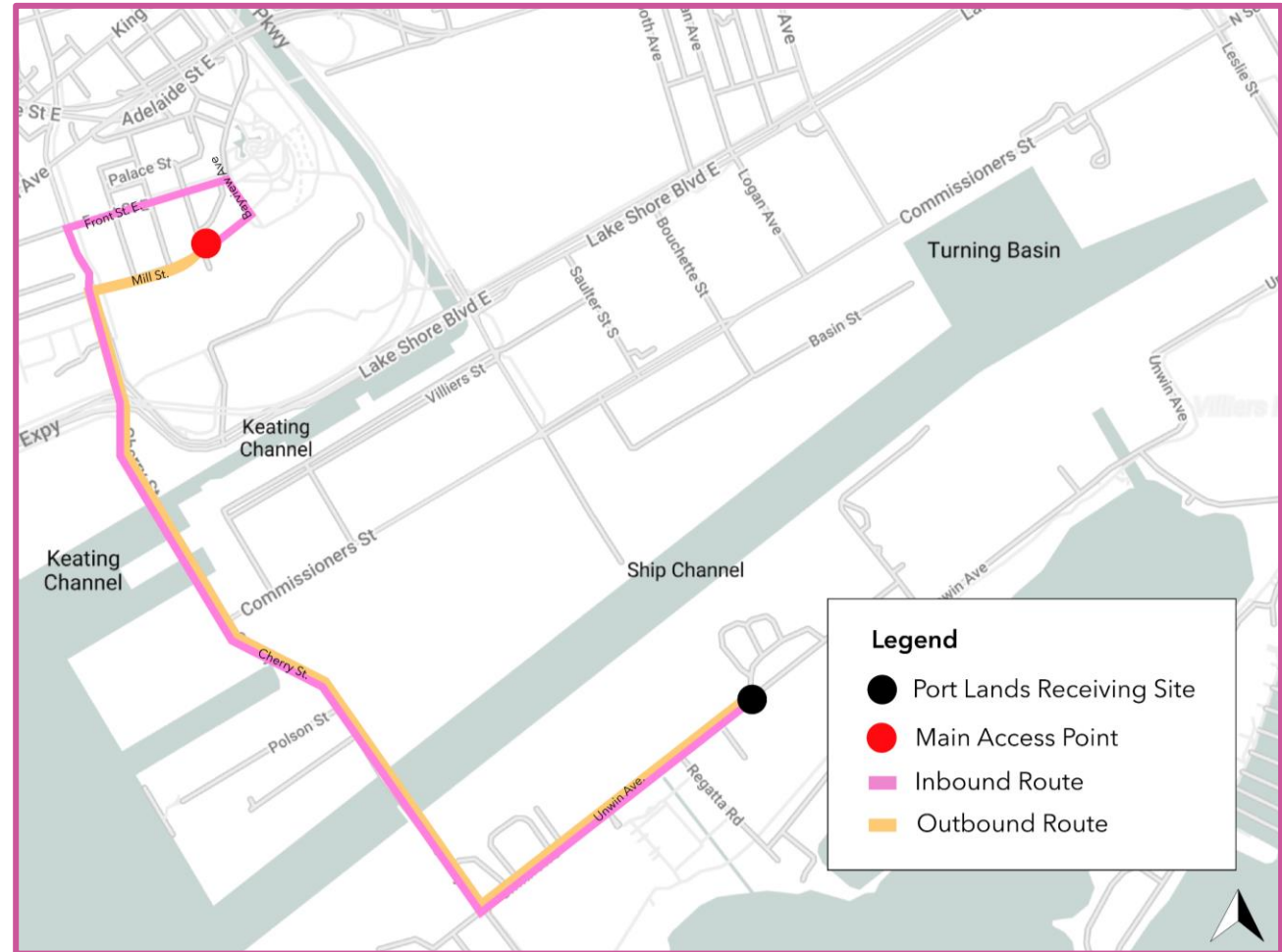
Wheel wash station



Stationary auger cleaner

Site Access - Truck Haul Routes

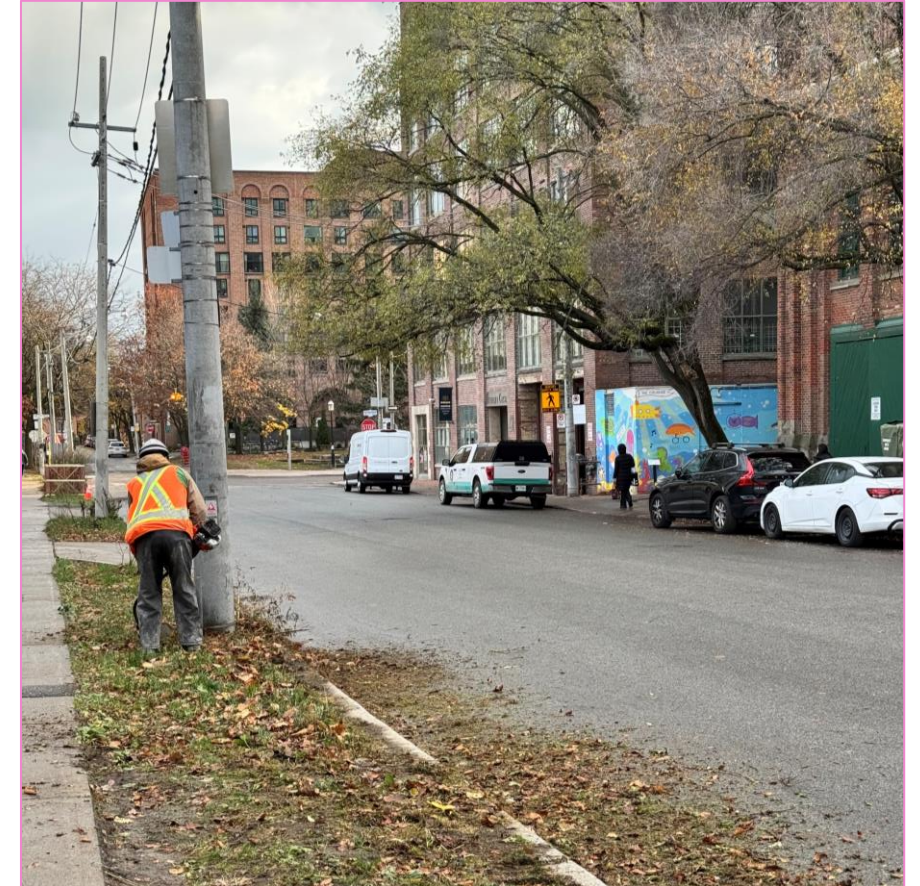
- Construction vehicles will use the following streets to facilitate deliveries and haul away excavated material:
 - Bayview Avenue
 - Cherry Street
 - Mill Street
- The site has one entrance at Mill Street and Bayview Avenue, and one exit at Mill Street and Tannery Road.
- The site access was planned to minimize noise disruption to the community, by allowing trucks to travel one-way through the site, reducing sound from backing up vehicles.
- Increased truck traffic can be expected near the work site
- Changes to traffic and pedestrian routes may be required during some activities; notice will be provided in advance of any closures or detours.



Corktown Construction Update

Works in Progress – North site

- Support of excavation works
 - Soil excavation & wall shaving
 - Struts and walers installation
 - Tie-back installation
- Site maintenance (interior/exterior)
 - Public walkways maintenance including clearing of snow, ice



Clearing of the boulevards on Berkeley St.

Initial excavation of soil looking south



Wall shaving the secant piles



Excavation of soil looking southwest



Excavation of soil looking southwest



Bolts to support waler beams



Works in Progress – South site

- Support of excavation works
 - Soil excavation & wall shaving
 - Frost protection
 - Concrete walers & steel struts installation
 - (rebar / formworks / pour / strip)
- Site maintenance (interior/exterior)
 - Public walkways maintenance including clearing of snow, ice



Rebar in preparation for formworks and concrete pour

Concrete pour completed of the concrete walers



Bolts to support water



Upcoming Work

Corktown 2024/2025 construction lookahead

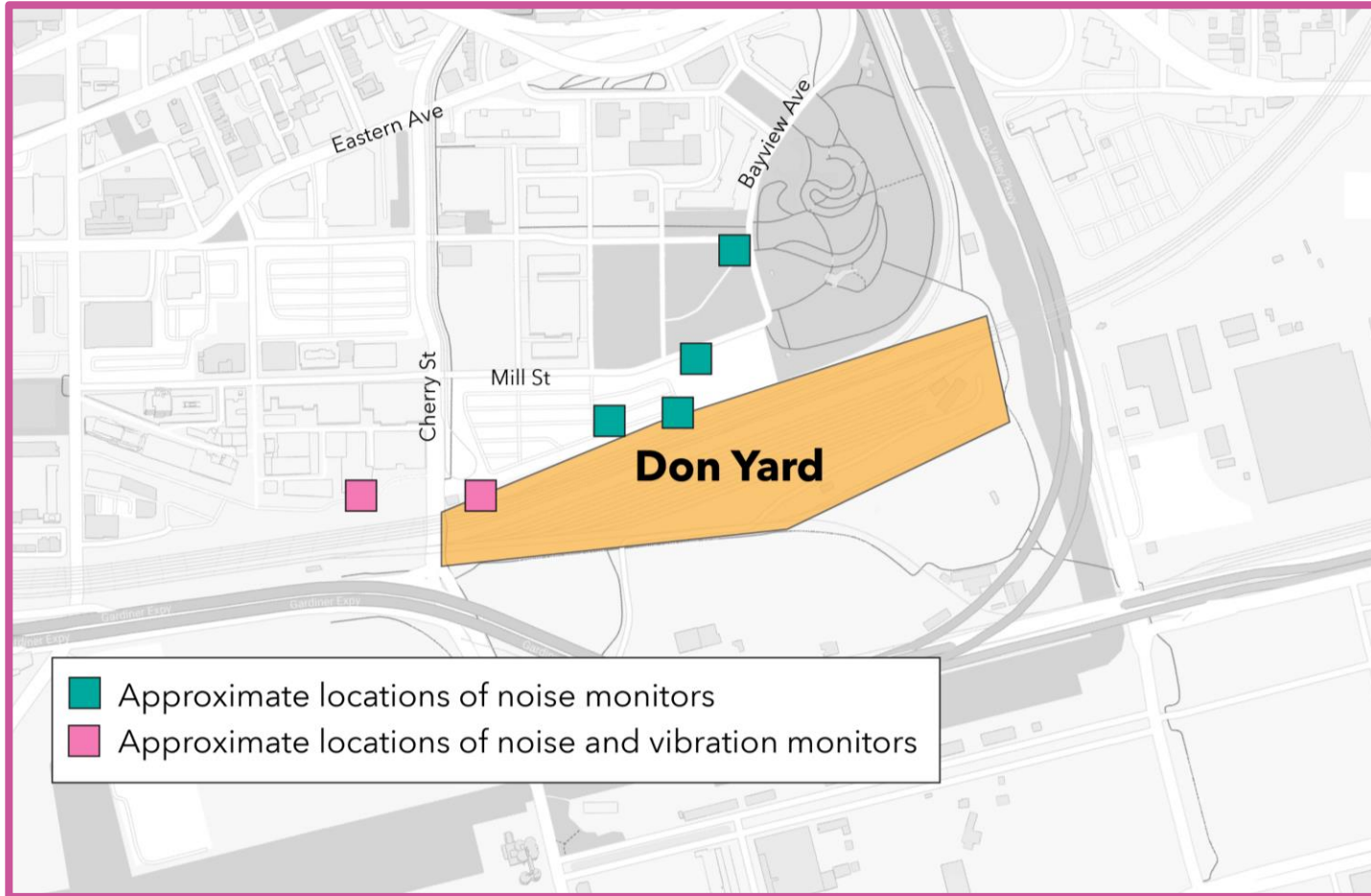
Major construction milestones to propel the Ontario Line subway forward

| Site | Timeline | Activity |
|--------------|---------------------------|--|
| North | Fall/Winter 2024 | <ul style="list-style-type: none"> • Strut & walers installation • Tie-back anchors installation • Shaft excavation Phase 1 (soil) • Signage installation • Power substation connection |
| | Winter/Spring 2025 | <ul style="list-style-type: none"> • Strut & walers installation • Shaft excavation Phase 1 (soil) • Shotcrete installation • Tower crane installation • Cavern works |
| South | Fall/Winter 2024 | <ul style="list-style-type: none"> • Shaft excavation • Strut & walers installation |
| | Winter/Spring 2025 | <ul style="list-style-type: none"> • Signage installation - community artwork • Shaft excavation Phase 2 (rock) • Shotcrete installation • Tower crane installation • Cavern works |

*Dates subject to change based on unforeseen circumstances

**Noise & Vibration
Exceedances Reporting
Sites at Don Yard
October 2024**

Noise and Vibration Update: October 2024



- There are six noise monitors and two vibration monitors located along the Don Yard site
- No vibration exceedances were recorded in October
- All noise exceedances were recorded during the daytime and early evening - no exceedances were recorded past 8 p.m.
- Most exceedances were caused by piling activities, specifically the drill rig shaking material off the auger
- Mitigation measures were focused on reducing noise from the auger shaking
- Only 5% of the exceedances recorded in October were related to Don Yard construction - the remaining exceedances were caused by ambient noise sources (Ex. trains, general traffic, other construction projects)

Noise and Vibration Update: October 2024

| No. | Date/Time of Exceedances | Detail | Location | Source | Corrective action | Complaint Received (Y/N) |
|-----|---|--------|---|--|--|--------------------------|
| 1. | October 1 - Daytime and evening (between 7 p.m. - 8 p.m.) | Noise | Near Cherry St. & Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | Y |
| 2. | October 2 - Daytime and evening (between 7 p.m. - 8 p.m.) | Noise | Near Cherry St., Mill St.. And Bayview Ave. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | Y |
| 3. | October 3 - Daytime | Noise | Near Cherry St. & Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |
| 4. | October 4 - Daytime | Noise | Near Cherry St. & Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |
| 5. | October 7 - Daytime | Noise | Near Cherry St. & Mill St. . | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |

- The above table provides information on instantaneous noise levels (Lmax sound levels).
- Exceedances unrelated to the Don Yard - Enabling Works Three Project are not reflected in this table.

Noise and Vibration Update: October 2024

| No. | Date/Time of Exceedances | Detail | Location | Source | Corrective action | Complaint received (Y/N) |
|-----|--------------------------|--------|------------------------------|--|--|--------------------------|
| 6. | October 8 - Daytime | Noise | Near Cherry St. & Mill St. . | <ul style="list-style-type: none"> • Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> • Noise barriers installed around the drill rig where possible • Application of polymer slurry to loosen cohesive soils • Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |
| 7. | October 9 - Daytime | Noise | Near Mill St. | <ul style="list-style-type: none"> • Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> • Noise barriers installed around the drill rig where possible • Application of polymer slurry to loosen cohesive soils • Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |
| 8. | October 11 -Daytime | Noise | Near Cherry St. & MillSt. . | <ul style="list-style-type: none"> • Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> • Noise barriers installed around the drill rig where possible • Application of polymer slurry to loosen cohesive soils • Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |
| 9.. | October 15 - Daytime | Noise | Near Mill St. | <ul style="list-style-type: none"> • Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> • Noise barriers installed around the drill rig where possible • Application of polymer slurry to loosen cohesive soils • Use of high revolutions per minute (RPM) spinning approach for spoil removal | Y |

- The above table provides information on instantaneous noise levels (Lmax sound levels).
- Exceedances unrelated to the Don Yard - Enabling Works Three Project are not reflected in this table.

Noise and Vibration Update: October 2024

| No. | Date/Time of Exceedances | Detail | Location | Source | Corrective action | Complaint received (Y/N) |
|-----|---|--------|---------------|--|--|--------------------------|
| 10. | October 16 - Daytime | Noise | Near Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |
| 11. | October 17 - Daytime and evening (after 7 p.m.) | Noise | Near Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |
| 12. | October 18 - Daytime | Noise | Near Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |
| 13. | October 19 - Daytime | Noise | Near Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |

- The above table provides information on instantaneous noise levels (Lmax sound levels).
- Exceedances unrelated to the Don Yard - Enabling Works Three Project are not reflected in this table.

Noise and Vibration Update: October 2024

| No. | Date/Time of Exceedances | Detail | Location | Source | Corrective action | Complaint received (Y/N) |
|-----|--------------------------|--------|------------------------------|---|--|--------------------------|
| 14. | October 21 - Daytime | Noise | Near Cherry St. and Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |
| 15. | October 22 - Daytime | Noise | Near Cherry St. and Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |
| 16. | October 23 - Daytime | Noise | Near Cherry St. and Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | Y |
| 17. | October 24 - Daytime | Noise | Near Cherry St. and Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) Equipment maintenance | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |

- The above table provides information on instantaneous noise levels (Lmax sound levels).
- Exceedances unrelated to the Don Yard - Enabling Works Three Project are not reflected in this table.

Noise and Vibration Update: October 2024

| No. | Date/Time of Exceedances | Detail | Location | Source | Corrective action | Complaint received (Y/N) |
|-----|--------------------------|--------|------------------------------|--|--|--------------------------|
| 18. | October 25 - Daytime | Noise | Near Cherry St. and Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |
| 19. | October 26 - Daytime | Noise | Near Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed around the drill rig where possible Application of polymer slurry to loosen cohesive soils Use of high revolutions per minute (RPM) spinning approach for spoil removal | N |
| 20. | October 28 - Daytime | Noise | Near Cherry St. and Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed along the site where possible Application of polymer slurry and high-speed spinning of auger for spoil removal | N |
| 21. | October 29 - Daytime | Noise | Near Cherry St. and Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed along the site where possible Application of polymer slurry and high-speed spinning of auger for spoil removal | N |
| 22. | October 30 - Daytime | Noise | Near Cherry St. and Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed along the site where possible Application of polymer slurry and high-speed spinning of auger for spoil removal Use of auger cleaning tool | N |
| 23. | October 31 - Daytime | Noise | Near Cherry St. and Mill St. | <ul style="list-style-type: none"> Drill rig installing piles (auger shaking) | <ul style="list-style-type: none"> Noise barriers installed along the site where possible Application of polymer slurry and high-speed spinning of auger for spoil removal Use of auger cleaning tool | N |

- The above table provides information on instantaneous noise levels (Lmax sound levels).
- Exceedances unrelated to the Don Yard - Enabling Works Three Project are not reflected in this table.

**Noise & Vibration
Exceedances Reporting
Sites at Corktown
October 2024**

Registered Exceedances at Noise Receptor Locations: October 2024

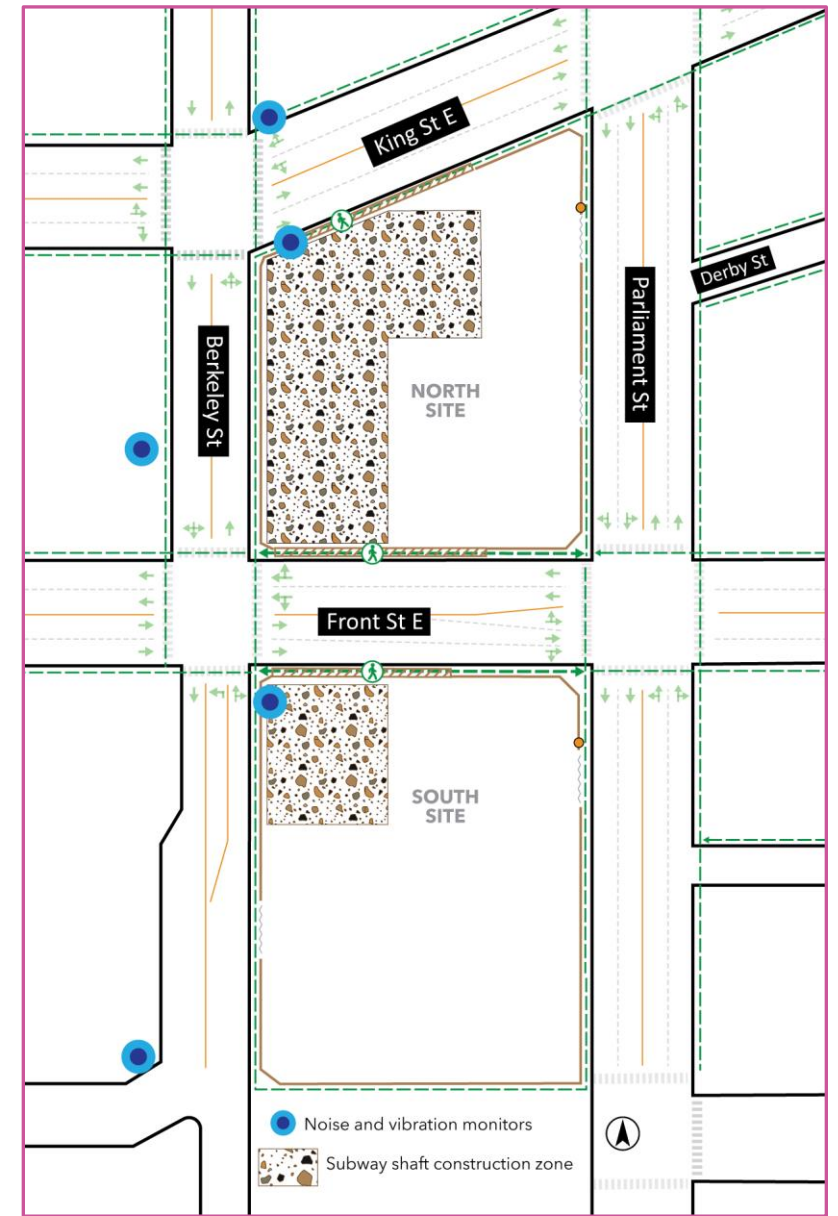
| No. | Date/Time of Exceedances | Detail | Site Location | Source | Corrective Action | Complaint Received (Y/N) |
|-----|--------------------------|--------|---------------|---|---|--------------------------|
| 1. | October 8 - Daytime | Noise | South | Breaking concrete/hammering activity | Contractor confirmed minimal exceedance. Noise barriers installed on Berkeley St. Activities primarily carried out between 7AM to 7PM, as construction permits. Noise monitoring ongoing. | N |
| 2. | October 11 - Daytime | Noise | South | Metal banging | Contractor noted early work. Crews were reminded to avoid disruptive noise prior to 7AM. Work proceeded with noise monitoring. | N |
| 3. | October 18 - Daytime | Noise | South | Construction vehicle engine noise and movements, including tonal back-up alarms | Crew reminded about ensuring all vehicles are equipped with broadband backup alarms. | N |
| 4. | October 22 - Daytime | Noise | South | Breaking concrete activities | Noise barriers installed on Berkeley St. Activities primarily carried out between 7AM to 7PM, as construction permits. Noise monitoring ongoing. | N |
| 5. | October 23 - Daytime | Noise | South | Breaking concrete activities | Noise barriers installed on Berkeley St. Activities primarily carried out between 7AM to 7PM, as construction permits. Noise monitoring ongoing. | N |
| 6. | October 25 - Daytime | Noise | South | Excavation activities | Contractor noted early work. Crews were reminded to avoid disruptive noise prior to 7AM. Work proceeded with noise monitoring. | N |
| 7. | October 26 - Daytime | Noise | South | Excavation, loading activities, tonal back-up alarms | Crews replaced tonal alarms to broadband ambient sensitive alarms, and work proceeded during the day with ongoing noise monitoring. | N |

- The above table provides information on noise levels measured over 10-minute intervals (10-minute average).
- Exceedances unrelated to Corktown construction are not reflected in this table.

Noise and Vibration Monitoring Update

October 2024

- Noise and vibration monitors are placed closest to locations classified as major works (station shaft work zones). See map.
- OTG construction activities did not exceed targeted **vibration** levels in October 2024.
- Seven noise exceedances **directly related** to the OTG construction activities were reported last month; the report provides information on noise levels measured over 10-minute intervals (10-minute average).
- Exceedances unrelated to Ontario Line Corktown construction are excluded from the tables.



Construction Liaison Committee Terms of Reference Update

CLC TERMS OF REFERENCE (TOR) EXCERPTS

Purpose

- The CLC is a forum for all participants to engage, listen and participate in open, transparent, collaborative, and respectful conversations regarding the construction of the Ontario Line.
- The CLC is an advisory body, not a decision-making body.

CLC Membership

- CLC community members include residents, business improvement area (BIA) representatives, resident associations, business owners or community groups who reside or work in the neighbourhood and who have a direct interest in the project or are most impacted by the project.
- Metrolinx selects CLC members at its discretion to ensure appropriate representation from the community. CLC meetings are not open to individuals, groups or associations that are not confirmed members. Meeting invitations are not to be shared beyond confirmed CLC members.

CLC Scope

- Metrolinx makes decisions about the project, such as its design, route, construction method, construction sequencing, and the location of station(s) and essential transit infrastructure, which are outside the scope of the CLC.
- Discussions at CLCs, however, may touch upon these and other topics related to the Ontario Line to facilitate inclusive and meaningful two-way communication and information sharing and allow impacted communities to provide feedback to Metrolinx on community concerns and proposals.

CLC TERMS OF REFERENCE (TOR) EXCERPTS CONTINUED

Membership Roles and Responsibilities

- The CLC is a collaborative forum between the various stakeholders involved in the construction of the Ontario Line, including Metrolinx, the contractor, the local community, and the City of Toronto.
- The CLC provides a platform for these groups to work together to discuss project details, issues/concerns for resolution and to facilitate communication, collaboration and engagement among these stakeholders throughout the construction period.
- The committee will be chaired by a Metrolinx representative, who is responsible for ensuring meetings start and end on time, are conducted in an orderly manner, follow the agenda, and facilitate discussions that encourage diverse opinions and collaborative problem-solving.

Meeting Format

- The CLC will meet monthly or bi-monthly where established. CLC dates will be set at least six months in advance. CLCs can be virtual, in-person, or hybrid in format.
- Meetings will run for approximately 60 minutes, depending on the agenda items.
- CLC meeting agendas will be established with input from CLC members.



KEEPING YOU INFORMED

Metrolinx will keep the community, residents and businesses informed by providing project updates, seeking input and feedback, while addressing questions and concerns effectively and quickly.

Next CLC meeting: January 23, 2025

*No CLC in December 2024.

Connect with us:

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