



June 7, 2013

CONSTRUCTION NOTICE #52: Queens Quay Revitalization

Stage One: Week of June 10 to June 14, 2013

CONSTRUCTION NEWS

Watermain and Hydrants: After Hours Work

Work on the installation and connection of new watermains and hydrants along Queens Quay may require some after hours work. Completing this work during off-hours helps to minimize the impact to local residents and businesses. Noisy work such as sawcutting and excavation will be completed during the day. After hours, small crews will use focused construction lights and generators to maintain a safe work environment. If required, any temporary water disruptions will be coordinated with respective property managers.

TTC Portal Roof

Crews will be completing preparations for surface works on the TTC portal roof in front of 10/20 bay. Crews will grind the portal roof to create a smooth surface for the waterproofing. Some noise should be expected for approximately 3-5 days while this work is underway. After the surface is prepared, crews will construct two new concrete curbs on the north and south side of the portal. These are future walls for a new planter box on the portal. Crews will then waterproof the roof.

New Streetlight, Traffic and TTC Pole Foundations

Crews will begin exploratory work in advance of the installation of new streetlight, traffic and TTC pole foundations. This work will be completed using a vac-truck and is necessary to confirm any obstructions prior to drilling these new foundations. Work will be focused between York and Lower Simcoe throughout the week.

Improvements to Traffic Signal Timing

Crews will be making further updates to traffic signal timing along Queens Quay to help traffic move more smoothly during construction. Work will begin at Bay and Queens Quay.

TTC Bus Stop Change – Lower Spadina

On Monday, June 10 at 9am, the TTC bus stop at Lower Spadina will be shifted slightly south to accommodate a shift in the travel lanes. The stop will remain on the east side of the intersection. A safe zone will be constructed with jersey barriers to ensure patrons have a safe area to wait for the 509 Harbourfront westbound bus.

CONSTRUCTION REMINDERS

Additional Bike Signs and Markings

New cycling signs have been installed and directional line painting is complete along Queens Quay at major intersections. These new signs will help direct cyclists to the [safe detour bike route](#) along Lake Shore Boulevard. We strongly recommend that cyclists use the detour route whenever possible and refrain from riding on the sidewalks.

Tree Cut Permits

The City of Toronto has issued tree cut permits to Eastern Construction for the removal of existing street trees within the construction zone. These trees are being removed as required, during each stage, and as construction work proceeds throughout this project. An extensive tree planting strategy is in place for the revitalization of Queens Quay. When the project is complete, there will be more than two hundred and forty healthy new trees on Queens Quay —

most of which will be planted in new silva cell technology. Silva cells help promote mature tree growth. Learn [more](#).

Enterra/Hydro Project

Construction activities related to the new Bremner Hydro Station are ongoing on Rees Street south of Lake Shore Blvd. Traffic diversions are in progress as crews work on the east side of Rees Street. This work is not part of the Queens Quay revitalization project.

ONGOING CONSTRUCTION UPDATES

Queens Quay Parking Laybys

The construction of a new permanent parking layby is ongoing in front of 208 Queens Quay. Construction noise should be expected as crews continue placing rebar, preparing subgrade and pouring concrete this week. Pedestrian access will be maintained at all times. Parking laybys are an important part of the new design for Queens Quay. They help keep traffic flowing by providing places for temporary on-street loading/unloading directly on Queens Quay.

In addition, the construction of a temporary parking layby at the Rees Street Parkette is complete. It will open when traffic is routed to the north side of the street later this summer. Fencing has been shifted and pedestrian access along the sidewalk has now been restored.

TTC Corridor Demolition West of the Peter Slip Bridge

Crews completed the removal of an additional 2.5m of existing roadway south of the TTC corridor from YoYo Ma to Shoppers Drug Mart throughout the week. These removals are required to facilitate installation of the new TTC poles during the TTC reconstruction phase of the project.

TTC Rail Storage and Welding

Welding of new TTC rails stored between Dan Leckie Way and Yo Yo Ma Lane is complete. These rails will be used for the reconstruction of the new Queens Quay streetcar corridor.

The demolition from Queens Quay north along Lower Spadina is also nearing completion. Temporary paving has also been completed. A hoe-ram (an excavator with a hammer-type head) will be used to break concrete into small pieces. Concrete, old rails, and rebar will be removed from site using disposal bins and dump trucks.

TTC Corridor Rebuild

The installation of a new dewatering system in front of HTO East is now complete. This system has enabled crews to begin the excavation for a new TTC splicing chamber. Crews will begin deep excavation (5 metres) in order to install an approximately 3 metre x 3 metre wide precast chamber. This chamber will allow for electrification of the new streetcar rails and control systems.

A similar dewatering system will soon be installed at Yo-Yo-Ma Lane to facilitate a TTC splicing chamber in this location as well. There are 16 new chambers required for the Queens Quay TTC corridor and loop.

Telecommunications Work

Distinct Technical Cable Services – DTS, the subcontractor for Rogers, Cogeco, and Allstream is working on a new cable chamber at the northwest corner of York and Queens Quay. Crews are also completing the installation of new conduits in front of the Westin Hotel. DTS trucks will park along curbs and sidewalk areas with traffic barrels marking their work areas. This work involves trenching and construction noise should be expected.

Granite Sidewalks and Curbs at Westin Hotel

Site preparations for new granite curbs and sidewalks in front of the Westin Hotel will continue. Drilling will occur for the three new light poles. Trenching for new trees will also begin. All construction activities are occurring in the fenced off work zone which is protected by jersey barriers and fast fence. Traffic lane restrictions will continue until the installation of the new granite sidewalk and trees is complete in late July.

Hydro One Repair at York and Queens Quay

Work to repair a Hydro One electrical transmission cable in the York/Queens Quay intersection is complete. Crews have

backfilled the trench and repaved the south-east corner of York and Queens Quay. The repaired transmission cable has been energized.

Queens Quay Terminal Taxi Stand

Last week, crews completed the new "Taxi Only" line painting within the newly constructed taxi stand. Upcoming landscaping work and repairs to the concrete stairs by Enbridge will be scheduled directly with the property manager.

New Watermain at Queens Quay and Bay St.

Exploratory work is continuing on the installation of a new watermain in front of 10 Bay Street. The full length of the north sidewalk adjacent to 10/20 Bay Street location has been removed. All work is occurring inside the fenced off area. Construction noise should be expected as crews excavate in the area.

Storm and Sanitary Construction Activities



What to Expect

Sanitary Sewer Construction

York to Rees: Sanitary sewer construction on the north side of Queens Quay has progressed west of Lower Simcoe to 228/230 Queens Quay. Crews are saw-cutting and excavating the existing roadbed to install the new sanitary line approximately 3 metres under Queens Quay.



Work is occurring behind jersey barriers/protective fencing. Construction noise and dust should be expected.

Crews are moving towards Rees Street with the installation of new catch basins (on the north side).



Work is occurring behind jersey barriers/protective fencing. Construction noise and dust should be expected.

Shoppers Drug Mart to Spadina: Excavation and installation of the new sanitary sewer is underway. A piece of watermain was relocated last week allowing crews to complete the sanitary sewer installation.



Crews are saw-cutting asphalt and excavating. Work is occurring behind jersey barriers/ protective fencing. Construction noise and dust should be expected. An alternative exit for the residents of 390 Queens Quay was created via the TTC streetcar and bus lane which runs past the north side of the 410 Queens Quay condominiums.

Spadina Intersection: Crews will be installing a new sanitary manhole on Queens Quay just west of Spadina. This new manhole is required to suit the new alignment of the TTC tracks.



Work is occurring behind jersey barriers/fencing with no traffic impacts.

Bay to York: Crews continue to install the new dewatering system along the south side of the street to facilitate the installation of a new storm & sanitary line. This work will continue throughout next week, followed by draw down and excavation for the new sanitary sewer. Crews may also complete the remaining test pits within this area.



Remaining test pits will be completed by crews who will park a large truck next to each test pit for a short period of time. Some noise should be expected from the truck and drilling. All work is being performed within the protected work and construction zone.

Peter Slip Bridge

Work to repair and waterproof the bridge surface has now been completed. Preparations will begin for the installation of new streetcar tracks on the Peter Slip Bridge starting on June 11. TTC crews will deliver and layout plates on the bridge deck. Crews will then drill the plates and anchor them to the bridge deck followed by the installation of the new rails and waterproofing. Crews are expected to remain working in this area into July.

Note! Pedestrian access on the southside of the Peter Slip Bridge is not available due to the confined working space. The northside sidewalk remains open at all times.

Toronto Hydro Construction Activities

What to Expect

<i>West of the Yonge Slip:</i> Crews are working on alternative plans for this area and new schedules are being developed.	➔	Work will begin once schedules have been developed – fencing will remain in place.
<i>Bay St. and Queens Quay:</i> A cable chamber at the southwest corner of this intersection is delayed due to dewatering issues.	➔	Work is on hold pending alternative work plans – fencing will remain in place.
<i>Bay Street to York Street:</i> Construction of two new cable chambers located in the traffic lanes south of the TTC Portal and trenching in front of the Scotia Bank has been placed on hold due to high water levels.	➔	Work is on hold pending alternative work plans – fencing will remain in place.
<i>York Street and Queens Quay:</i> Work along the southside crossing of the York and Queens Quay intersection will begin after the design is adjusted to suit the recent Hydro One repairs.	➔	The York Slip Laneway will remain open until trenching begins along the southside of the intersection (east to west). Driveway access to One York Quay will be maintained.
<i>Lower Simcoe and Queens Quay:</i> Work on a new cable chamber at the north east corner of Lower Simcoe/Queens Quay has begun. Jersey barriers have been set to direct traffic around this construction zone. Work is expected to be ongoing until June 14 th .	➔	PLP crews will work behind jersey barriers and fast fence. Pedestrians may be asked to use the west side of Lower Simcoe to cross from the north to south sides of Queens Quay.
<i>250/260 Queens Quay:</i> Work on a new ductbank and conduit across Queens Quay between 250 and 260 Queens Quay will begin once coordination with site services work currently in this area are complete.	➔	No impacts are expected until work begins. Construction will be behind jersey barrier and fast fence. Some noise can be expected as crews excavate and construct in this area.
<i>Simcoe Wave Deck:</i> Trenching between two new chambers is underway and will continue this week.	➔	Construction will occur in the fenced off work zone which is protected by jersey barriers. Some noise should be expected as crews excavate and trench for this cable chamber.
<i>Radisson Hotel/Robertson Crescent</i> A second cable chamber on the east side of Robertson Crescent, directly across from the first chamber continues, and is expected to be completed by June 13 th . Trenching activities on the south side of Queens Quay, directly in front of the Radisson Hotel between the east and west legs of Robertson Crescent will continue this week.	➔	Construction will occur mostly in the fenced off work zone which is protected by fast fence and jersey barriers. Some noise should be expected as crews excavate and trench.
<i>East of Spadina Ave.:</i> Construction of a cable chamber near 401 Queens Quay is now complete. Crews will complete the temporary restoration early this week.	➔	Some noise should be expected as crews restore the area.

NOTE! SATURDAY WORK

On Saturday, June 8, Toronto Hydro (PLP) crews will have three crews working in the following locations, weather permitting:

- Single crew working on the east side of Robertson Crescent across from the Radisson Hotel lobby and entrance (cable chamber).
- Single crew working on trenching activities, southside curb lane, directly in front of the Radisson Hotel.
- Single crew working East of the Simcoe Wave deck (trenching activities between cable chambers)

All crews will work between 9am and 5pm with intermittent noise disruptions. For questions, please contact Hydro's Customer Operations Representative – Maggie Mu at mmu@torontohydro.com or 416.542.3181

TTC

TTC electricians continue their efforts to pull and install new cables and overhead wiring troughs within the portal tunnel. The section from the Bay St. portal north to Union Station has been completed. Crews continue with the southbound section from Union Station to the Portal. This portion of work is now approximately 75% complete. The next phase of electrical work will be the installation of the “third rail” and negative return.

Water and leak remediation efforts within the portal will continue as well. Some noise should be expected from “back-up” truck alarms at the top of the portal ramp. Little or no disruption to vehicular access along Queens Quay is expected

LOOK AHEAD: UPCOMING WORK

- Eastern/Waterfront Toronto:
 - Peter Slip Bridge work continues with the installation of new ties & rails, as well as conduit placement below the bridge.
 - Demolition of the remaining sections of the TTC corridor west of the Peter Slip Bridge is expected to be completed.
 - Construction of new TTC splicing chambers at HTO East & Yo-Yo-Ma
 - Preparations for the construction of the new storm line west of the Rees WaveDeck will begin.
 - Construction of sanitary and storm services will continue west of Lower Simcoe.
 - Landscaping work in front of the Westin Hotel, including preparations for the new granite installation will continue.

- Hydro: Chamber construction will continue at all locations – with some work contingent upon dewatering levels.
- Telecommunications: Conduit & splicing chambers will continue to be installed along the corridor.
- TTC: Construction and remediation work within the Bay Street tunnel will continue. Next phase of work will be with the installation of the overhead “southbound” infrastructure network within the tunnel.

Questions:

For more information about this work, please email info@waterfrontoronto.ca or for urgent construction issues, contact Robert Pasut, Eastern Construction - (416) 505-3073.