



March 22, 2013

**CONSTRUCTION NOTICE #41: Queens Quay Revitalization  
Week of March 25 to March 28, 2013**

NOTE: There will be no construction activities on March 29 (Good Friday)

**TRAFFIC UPDATE**

**Ellis-Don Construction – RBC WaterPark Place**

One lane of westbound traffic on Queens Quay west of Bay Street (in front of the RBC Water Park Place site) will continue to be closed each day. It will be reopened each evening. This traffic diversion is expected to remain in place until early April. Pedestrian access will be maintained on the north sidewalk. This work is not part of the Queens Quay Revitalization Project but we are coordinating with Ellis Don crews to ensure that traffic on Queens Quay continues to move smoothly.

**Queens Quay is Open for Business During Construction!**  
Access to all businesses is being maintained during construction. Visit [www.waterfrontbia.com](http://www.waterfrontbia.com) to learn more about waterfront businesses, events and festivals.

**TTC Construction: Service Impact This Weekend**

The TTC has issued a service advisory for this weekend for work on the University portion (St George to Union stations) of the Yonge-University-Spadina subway line. [Learn more](#). While this construction activity is not specifically related to the Queens Quay revitalization project, we wanted to make you aware of the impact.

**WATERFRONT TORONTO/EASTERN CONSTRUCTION**

**TTC Corridor Demolition**

The construction of the concrete “mock-up” for the new TTC corridor was completed last week with the third and final pour of concrete. The design and construction teams will now assess the quality and finish details of this work in preparation for the rebuild of the TTC corridor.

**York Street Parking Layby**

Crews are expected to complete final paving activities for the new York Street parking layby this week. Regulatory signs will be posted once the layby area is complete. This area will provide short-term passenger loading and unloading for coaches and tour buses visiting the waterfront.

**Additional Laybys**

Construction preparations are underway for three new temporary bus laybys on the south side of Queens Quay. These laybys, located in front of Harbourfront Centre and the Rees and Simcoe Slips, will be used for passenger loading and unloading during construction. Crews will begin saw-cutting the curbs and the demolition of the adjacent sidewalk this week. All three locations are currently protected by fast fence and there will be no impact to pedestrian traffic.

**Storm and Sanitary Construction Activities**

**➡ What to Expect**

*Sanitary Sewer Construction:* Crews continue the construction and installation of the new sanitary sewer west of the York and Queens Quay intersection (on the north side). This work will continue for several months as it progresses west from York Street to Lower Simcoe. A second crew has started the installation of new catch basins for the new storm sewer west of Lower Simcoe and Queens Quay (on the north side).

➡ Crews will be saw-cutting and excavating the existing roadbed in order to install the new sanitary line approximately 3 metres under Queens Quay.

All work is occurring behind jersey barriers and protective fencing. Some construction noise and dust should be expected. There will be no impacts to traffic or pedestrian access.

## Storm and Sanitary Construction Activities



## What to Expect

*Storm Sewer Dewatering:* Crews will begin a new dewatering method called “injection grouting” at the Rees WaveDeck to help reduce water penetration. The construction of the new storm line in this area will begin when appropriate water levels are obtained. Dewatering on the north side of Queens Quay adjacent to the Shoppers Drug Mart will continue this week.



Some construction noise should be expected from trucks and high pressure pumps used for the “injection grouting” process.

Dewatering pumps, fitted with hospital-grade “whisper drives” are required to run 24-hours a day once dewatering begins to maintain a dry worksite.

*Test Pits:* Crews have completed the majority of test pits between Bay St. and York St. Some remedial work and test pits will occur once the “locates” have been refreshed. The installation of dewatering wellheads into the pits will follow. This work is expected to be completed in the next two weeks.



Crews will park a large truck next to each test pit for a short period of time – some minor traffic diversions may be required. Some noise should also be expected from the truck and drilling.

## Peter Slip Bridge

Crews will continue to work on building the infrastructure required to support new ducts for TTC and Toronto Hydro infrastructure on the underside of the bridge. Crews are continuing with the coring – or drilling – of large holes through the bridge abutments to house these new ducts. With Toronto Hydro cores now complete, the remaining coring work will be for TTC ducts. Demolition work is ongoing on the underside of the bridge and the construction of the slightly extended sidewalk along the southside of the bridge is expected to begin this week as well.

Work to repair and waterproof the bridge surface will also continue. Crews will perform some additional chipping of the road surface prior to sandblasting the deck in preparation for waterproofing the surface. Much of this work is weather dependent.

## What to Expect

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. Crews are expected to remain working in the area until May when the surface of the bridge including the new TTC corridor is complete.

## TORONTO HYDRO

Toronto Hydro crews will continue working in a number of locations along Queens Quay.

## Hydro Construction Activities



## What to Expect

*East of the Yonge Slip:* Crews are rebuilding the second cable chamber east of the Yonge Slip as dewatering permits. Trench construction and the installation of duct banks along the south side of Queens Quay from Yonge St. west toward the new chamber on the east side of the Westin continues.



Crews will be trenching behind fast fencing in the south curb lane. Dewatering continues at the foot of Yonge Street and along the south sidewalk area.

*Westin Hotel:* With a new method of dewatering in place, crews have resumed the rebuild of the cable chamber just east of the Ferry Docks and the Westin laneway. This work is expected to be completed by the end of this week.



Fast fence is in place to create a safe work zone. Some noise can be expected during trenching, dewatering and excavation.

*Westin/Conference Centre:* Crews will continue working on the lateral construction running from the south side chamber to the north side of Queens Quay. This work is expected to be complete in the next two weeks.



Traffic will be diverted using barrels as crews progress from the south to north curb lanes. Tunneling under existing utilities require the use of a hydro-vac truck which emits a loud humming noise during work hours.

## Hydro Construction Activities

## What to Expect

*At York Street and Queens Quay:* Work on the cable chamber/ductbanks at the southeast corner of York and Queens Quay is nearing completion. Road crossing laterals (east to west) on the north and south side of the York and Queens Quay intersections are also scheduled to begin.

Construction will continue behind the fenced-off work zone. Dewatering equipment will continue to run to help maintain a safe work environment.

*Lower Simcoe & Queens Quay:* Dewatering is currently underway with construction activities on hold until the appropriate water level is achieved. A redesign of the lateral (which connects the chamber on the south side to buildings on the north) has been submitted and is awaiting approval.

The intersection is open to traffic however metal plates covering the trenched area will remain on the road to allow for safe travel.

*228/230 Queens Quay Area:* Crews have begun the construction of a lateral connection which runs across Queens Quay from the south side to the north side of the street. Crews will trench and install duct banks (pipes which connect a Hydro chamber to buildings on the north side of the street).

Construction will mostly occur in the fenced off work zone. Some noise should be expected as crews excavate and trench.

*Between Lower Simcoe and Rees Street:* Crews completed two new lateral connections between Rees St. and Robertson Cres. The construction of a new ductbank and conduit across Queens Quay just west of the Rees Street Parkette will be redesigned and relocated due to dewatering difficulties in this area.

Some construction noise can be expected as crews demobilize remaining equipment. Minor traffic diversions may be required when crews cross the travel lanes.

*Between Rees Street and Lower Spadina:* Crews have completed the majority of test pits in preparation for the construction of a cable chamber near the Rees Slip and the construction of additional laterals west of the Peter Slip Bridge to Lower Spadina. This work is expected to be completed in the next two weeks.

Crews and hydro-vac trucks will park adjacent to each remaining test pit along Queens Quay for a short period of time – some minor traffic diversions may be required. Remaining test pits will be drilled behind fast fencing and jersey barriers. Noise should also be expected from the trucks and drilling.

### **NOTE! SATURDAY WORK**

Toronto Hydro (PLP) crews will work in two locations on Saturday, March 23rd, weather permitting. Work will occur at:

- The Westin – lateral work ( East of Bay)
- East of EMS station – two cable chambers (South side)

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](mailto:mmu@torontohydro.com) or 416.542.3181.

## **TTC**

TTC track crews continued with work efforts related to the installation of new rails, overhead wiring, and water leak remediation within the tunnel. The supply of overhead wiring troughs (yellow fiberglass) to be used within the tunnel has been staged near the portal ramp. This week, TTC crews are expected to complete the chipping of old grout padding on the southbound side of the Queens Quay Station. Some noise should be expected from the "back-up" truck alarms from vehicles positioned 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 construction of new abutments, coring, and the corresponding infrastructure for Toronto Hydro and TTC. Construction of sanitary and storm services will continue.
- Road Work (Eastern): Construction of the York Street layby is expected to be completed. Construction of the three new laybys will continue.
- Hydro: Chamber construction will continue at all locations – with some work contingent upon dewatering levels. Work may begin work on a lateral connection west of Lower Simcoe St across from The Riviera condominiums.
- TTC: Construction and remediation work within the Bay Street tunnel. Next phase of work will be with the installation of the overhead infrastructure network within the tunnel. Expected completion is eight weeks.

**Questions:**

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