



February 1st, 2013

CONSTRUCTION NOTICE #34: Queens Quay Revitalization

Stage One: Week of February 4 to February 8, 2013

WATERFRONT TORONTO/EASTERN CONSTRUCTION

TTC Corridor Demolition

With the demolition of the top of the TTC tunnel complete, TTC crews were able to examine the area last week to determine whether any improvements are required to the structure. Crews will backfill and repave the area once the report about the tunnel's condition is complete.

While the majority of the TTC track demolition is complete at the Peter Slip Bridge, some adjacent demolition work remains. This work was delayed last week due to poor weather conditions.

York Street Lay-By

The construction of the new parking lay-by located on the west side of York Street south of Harbour Street was slightly delayed due to heavy rain. Despite the inclement weather conditions, crews continued with the preparatory road base and curb forming activities. Work will continue within the fenced off work zone this week.

Storm and Sanitary Infrastructure

Crews (Varcon Construction & Atlas Dewatering) also experienced weather delays last week, but continued preparatory work including drilling test pits and installing dewatering wellheads along the north lanes between the Rees Street Parkette and Lower Simcoe Street. The "draw down" of water (dewatering) began between Rees Street and The Beer Store and between York Street and 208 Queens Quay. Dewatering helps crews maintain a safe and dry environment when excavating in areas with a high water table. Draw down in both locations will continue this week.

Crews are also expected to begin the construction of a new storm line between Rees Street and The Beer Store.

What to Expect

Test pits/dewatering installation: Varcon hydro-vac trucks and crews will park adjacent to each test pit along Queens Quay for a short period of time where crews will drill the test pits and then install dewatering wellheads into the pits.

Dewatering: The dewatering pumps used on Queens Quay are diesel-powered and equipped with "whisper drives." While dewatering pumps typically run 24-hours a day, these units typically has a very low noise output. Waterfront Toronto required these quieter units as part of our contract with selected dewatering contractor.

There will be no impact to traffic or pedestrian access with either of these activities as crews are working within jersey barrier construction zones.

Peter Slip Bridge

With the majority of demolition activities complete, crews will focus their efforts on building the infrastructure required to support new duct banks that must be constructed on the underside of the bridge. This work, and repairs to the surface, will commence when inspection reports and recommendations from the City and engineering consultations are received.

NOTE! Pedestrian Access at Peter Slip Bridge

Please use the northside sidewalk if you plan to cross the Peter Slip Bridge. To do so, you must cross to the northside of the street at either Rees St. or Lower Spadina Ave.

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 will remain open at all times. This work is expected to be complete by the end of February.

TORONTO HYDRO

Toronto Hydro crews continued working in a number of locations along Queens Quay despite the inclement weather conditions.

East of Yonge Slip: Crews will continue to trench and install duct banks (pipes which connect to chambers) along the south side of Queens Quay from Yonge Street west towards the new chambers being built along the east side of the Westin Hotel. Work on the rebuild of the second chamber east of the Yonge Slip is expected to remain on hold until additional dewatering is complete.

Westin Hotel: Crews will work on the second cable chamber at the east end of the Westin (next to the Yonge Slip). Half of the laneway, which services the Westin and the Ferry Docks, will remain open during this construction activity. This chamber is expected to be complete by mid-February. Crews are also working from Bay St. east in front of the Westin Hotel trenching and installing ductbank.

Between Bay St. and York St.: Crews will continue to work on the second chamber in the north travel lanes of Queens Quay between Bay St. and the driveway at 55/65 Harbour Square. This work is expected to be completed by mid-week, weather permitting.

Crews will also continue to trench and install duct banks west towards the York Street intersection.

At York Street and Queens Quay: Crews continued the rebuild of the cable chamber at the southwest corner of this intersection following the installation of dewatering equipment. Construction and trenching for several lateral connections (north and east of the new chambers) began and will continue this week.

The construction and rebuild of a cable chamber at the southeast corner of York and Queens Quay was delayed but is expected to start this week as well. Heavy rains hampered the dewatering activities in this area last week.

Between York St. and Peter Slip Bridge: Lateral trenching to install new duct banks from the south work zone across to the north side of Queens Quay is expected to resume this week east of the Peter Slip Bridge.

What to Expect

East of Yonge Slip: Dewatering continues at the foot of Yonge Street and the south sidewalk area to facilitate the completion of construction of the second cable chamber in this area. As with the other dewatering installations on Queens Quay, these units typically have a very low noise output.

Westin Hotel Area - Fast fence has been erected along the length of sidewalk adjacent to the hotel. De-watering pumps and settling tanks are located at the south side curb lane (which is closed to traffic in this area). Crews will also be trenching and installing new duct banks in the south curb lane from Yonge Street toward the hotel. Some noise can be expected during the trenching, dewatering and excavation for these new chambers.

Between Bay and York Street - Pedestrian access will be maintained at all times. Vehicular and cyclist traffic will be rerouted daily to the southside travel lanes for a short stretch between Bay St. and the driveway at 55/65 Harbour Square. Local traffic to 10/20 Bay St. and the Ellis Don construction site (85 Harbour) will be permitted as directed by paid duty police officers.

NOTE! SATURDAY WORK

Toronto Hydro (PLP) crews will work in three locations on Saturday, February 2nd, weather permitting. Work will occur:

- In the Queens Quay/York St. intersection (2 crews)
- On the east side of the Westin Hotel next to the Yonge Slip
- West of York St. to install dewatering systems

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.

At York and Queens Quay – An area has been fenced off on the southwest side of Queens Quay and the York Slip to permit the rebuild of a cable chamber in this area. A work zone will also be fenced off on the southeast corner of Queens Quay and the York Slip. Access to the York Slip will continue to be available from the Ann Tindal Park. Work in this area is expected to continue until the end of February (weather-permitting).

Between York St. and Peter Slip Bridge: The installation of dewatering wells, pumps and settling tanks has been completed east of the Peter Street Slip heading east along Queens Quay. Pedestrian and vehicular traffic will not be impacted by this work.

Access for the EMS/Fire station has been accommodated.

BELL

Bell Canada engineering has determined that additional fibre cable should be placed at the York and Queens Quay locations. Crews will install this additional cabling while splicing activities continue along Queens Quay.

Splicing: Expertech will continue splicing - or connecting - newly installed copper and fibre cables in two manholes located in the intersection of York Street and Queens Quay. Expertech vans and crews will park near each of these manhole locations with traffic barrels and signs marking their work area.

Crews will continue splicing activities at 260 Queens Quay (near Rabba Foods). A single Expertech van and crew will park on the north sidewalk area adjacent to the curb lane. Orange cones and signs will mark their work area. There will be no impact to westbound traffic, and pedestrian access will be maintained. All splicing and service cut-over activities are expected to be completed by mid-February.

TTC

TTC track crews continue with work efforts on the installation of new rails, overhead wiring, and water leak remediation within the tunnel. The supply of new rail for this work is already staged and ready in the tunnel. Old rail sections continue to be removed and transported out via the portal during day and afternoon shifts during the month of January. Little or no disruption to vehicular access along Queens Quay is expected.

What to Expect

Some noise should be expected from the “back-up” truck alarms as these vehicles are positioned at the top of the portal ramp, prepared to remove the old track from site. Reminder! The TTC operates on a three-shift crew rotation, and are City noise by-law exempt.

LOOK AHEAD: UPCOMING WORK

- Eastern/Waterfront Toronto: The construction of the new storm line continues. Peter Slip Bridge work continues with the construction of new abutments and the corresponding infrastructure for Toronto Hydro and TTC. Construction of the new TTC track bed may also begin.
- Road Work (Eastern): Construction of the York Street layby will continue.
- Hydro: Chamber construction will continue at Yonge Street, in front of the Westin hotel, west of Bay Street, at the York Slip. Dewatering activities and draw-down between York St. and Rees St., and Rees and the Peter Slip Bridge will continue.
- Bell: Splicing activities will continue at the current locations.
- TTC: Construction and remediation work within the Bay Street tunnel.

REMINDER: TRAFFIC PATTERN

Westbound traffic will continue to be diverted to the north, centre or south travel lanes depending on the type of construction along the corridor. Concrete jersey barriers have been installed and traffic signage is in place to help vehicles navigate this stretch of Queens Quay. Access will be maintained to all driveways and to the north-south streets.

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.