



February 22nd, 2013

CONSTRUCTION NOTICE #37: Queens Quay Revitalization

Stage One: Week of February 25 to March 1, 2013

TRAFFIC UPDATE

York Street Bus Stop

The 509 Harbourfront TTC bus stop on Queens Quay at York Street (westbound) will remain in the centre travel lane, just east of the traffic signal at York Street.

A safe bus stop waiting area using jersey barriers in the centre lane has been provided for TTC patrons. Access to this bus stop is from the signalized intersection. Signage has been installed to ensure patrons are able to understand where this stop is located.

The TTC stop was moved to enable City crews to perform emergency repairs to a broken storm sewer located in the north travel lane. This bus stop is expected to be moved back to the north curb lane in the first week of March.

Queens Quay is Open for

Business during Construction!

Access to all businesses is being maintained during construction.

Visit www.waterfrontbia.com to learn more about waterfront businesses, events and festivals.

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 and determine the improvements required to the structure. Crews continued to construct a "mock-up" just west of Bay Street to test concrete and rail for the new TTC corridor. Ground heaters have been placed to facilitate the completion of this mock-up, as well as the waterproofing of the portal roof prior to backfilling and the repaving of this area.

The demolition of the remaining portion of TTC streetcar track from the portal ramp to 55 Harbour Square has been completed and backfilled. The repaving of this section with asphalt, will occur this week.

At the Peter Slip Bridge, demolition work to the bridge which was previously delayed due to poor weather conditions will continue this week.

York Street Lay-By

Construction of the new parking lay-by on the west side of York Street south of Harbour Street has continued and is expected to be paved and completed this week with augmentation from ground heating equipment.

Storm and Sanitary Infrastructure

Crews continued with construction of the new sanitary sewer west of the York and Queens Quay intersection (on the north side). This work involved the saw-cutting, excavation, and installation of the new concrete pipe line. This work will be on-going for several months as it progresses west from the York Street intersection.

Draw down of water continues at the Rees Street WaveDeck in preparation of the new storm line. Once appropriate water levels are obtained, excavation will commence in this area.

The delivery of pre-cast manholes and storm and sanitary sections and related materials continues. The inventory of

these components is being stored within the construction zones, protected by fast fence and jersey barriers.

What to Expect:

Storm/Sanitary Installation: This work will include the process of saw-cutting and excavating the existing roadbed prior to the installation of the new pipe line. All work will be undertaken behind jersey barriers and protective fencing.

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 (orange colour) used on the Queens Quay are diesel-powered and equipped with hospital grade “whisper drives”.

While dewatering pumps typically run 24-hours a day, these units have a very low noise output (measured at 72db at a distance of 1meter). Waterfront Toronto required that these quieter units be part of our contract with the selected dewatering contractor.

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

Peter Slip Bridge

With the majority of demolition activities now complete (some abutment demolition work is still in progress), crews have focused their efforts on building the infrastructure required to support the new ducts that must be constructed on the underside of the bridge. This work and the repairs to the bridge surface will continue. This will involve concrete patching and the installation of new waterproofing.

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. This work is expected to be complete by the end of February.

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.

TORONTO HYDRO

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

East of Yonge Slip: Crews will continue to trench and install duct banks along the south side of Queens Quay from Yonge Street west towards the new cable 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 have focused attention to the work of 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 Toronto Island Ferry Docks, will remain open during this construction activity. This chamber is expected to be completed in the next two weeks. PLP crews continue work of trenching and installing new ductbanks from Bay Street east in front of the Westin. This work is expected to be completed this week.

NOTE! SATURDAY WORK

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

- Southwest corner of York and Queens Quay
- York to Lower Simcoe Street
- Lower Simcoe to Rees Street
- In front of the Westin Harbour Castle Hotel

Between Bay St. and York St.: Crews completed work on the second chamber and associated trenching for ductbanks in the north travel lanes of Queens Quay between Bay St. and the driveway at 55/65 Harbour Square. Completion of this work has allowed both north lanes of westbound traffic to be open. A small section of trenching

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.

and lateral work to the southeast corner of York and QQ now remains to be completed.

At York Street and Queens Quay: Crews continued with the rebuild of the cable chamber at the southwest corner of this intersection. Dewatering equipment will continue to run and help maintain a safe work environment for the construction and trenching for several “laterals” (north and east) in this area and into the intersection. This work will continue through the week.

The construction and rebuild of a cable chamber and associated lateral and ductbanks at the southeast corner of York and Queens Quay will continue this week as well.

Lower Simcoe & Queens Quay: Trenching across the TTC Corridor on the east side of the Lower Simcoe intersection from the south curb lane to the north curb lane continued this week. Trenching across the entrance of the Harbourfront Centre parking entrance and the south curb lane of Queens Quay was completed.

This week, crews will begin installing the dewatering wellheads (below the plated road sections). It is expected that crews will begin installation of the ductbank once appropriate water levels are obtained.

Between Lower Simcoe and Rees Street: The construction of a lateral crossing just west of the Rees Street Parkette will continue this week. This area has recently been excavated and is now plated. The work activity in this area includes the installation of a concrete ductbank and conduits.

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.

Westin Hotel Area: Fast fence has been erected along the length of sidewalk adjacent to the hotel. Dewatering pumps and settling tanks which were located on the southside curb lane have been removed to allow PLP crews to continue trenching and installing new duct banks from Bay Street east towards the hotel (south curb lane). Some noise can be expected during the trenching, dewatering, and excavation activities associated with the construction of these new chambers.

Between Bay and York Street: Pedestrian access will be maintained at all times. Both westbound lanes, north side are now open to traffic and access for 10/20 Bay street, and the Ellis Don construction site (85 Harbour). The two eastbound lanes, south of the portal will remain closed to traffic.

Lower Simcoe and Queens Quay: The Lower Simcoe and Queens Quay intersection will remain open. A safe passage has been constructed with fast fence to allow pedestrians to cross from the north to the southeast sidewalk area at the Harbourfront Centre. Appropriate signage has been installed in this work area which is expected to continue for approximately one month.

Between Lower Simcoe and Rees Street: Pedestrian and vehicular traffic will not be impacted by this work. Access for the EMS/Fire Station has been accommodated.

BELL

Bell Canada crews have completed copper splicing activities along Queens Quay. These same crews are now preparing for the removal of the old copper cables within the manholes which is expected to begin on March 4th.

Splicing: Expertech crews are expected to complete fibre-splicing activities at 260 Queens Quay (near Rabba Foods) this week. 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.

Final customer cut-overs on both copper and fiber services will continue and are expected to be completed this week.

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. The remaining sections of old rail sections continued to be removed and transported out via the portal during day and afternoon shifts. Two additional late shifts were scheduled last week on February 12th and 13th to complete this process.

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: Peter Slip Bridge work continues with the construction of new abutments and the corresponding infrastructure for Toronto Hydro and TTC. Mock-up work at the Bay Street Portal and construction of the new TTC track bed is expected to begin.
- Construction of sanitary and storm services will continue.
- Road Work (Eastern) Construction of the York Street lay-by is expected to be completed.
- 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: Fibre splicing and service cut-over activities are expected to be completed. Removal of old cables is expected to begin on March 4th. At 207 Queens Quay - the old taxi stand “island” – a ground level box is to be placed inside the chamber (currently plated), once locates are received.
- TTC: Construction and remediation work within the Bay Street tunnel.

Questions:

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