

November 2021



# Construction Notice #26: Port Lands Flood Protection & Lake Shore Boulevard East

Construction manager



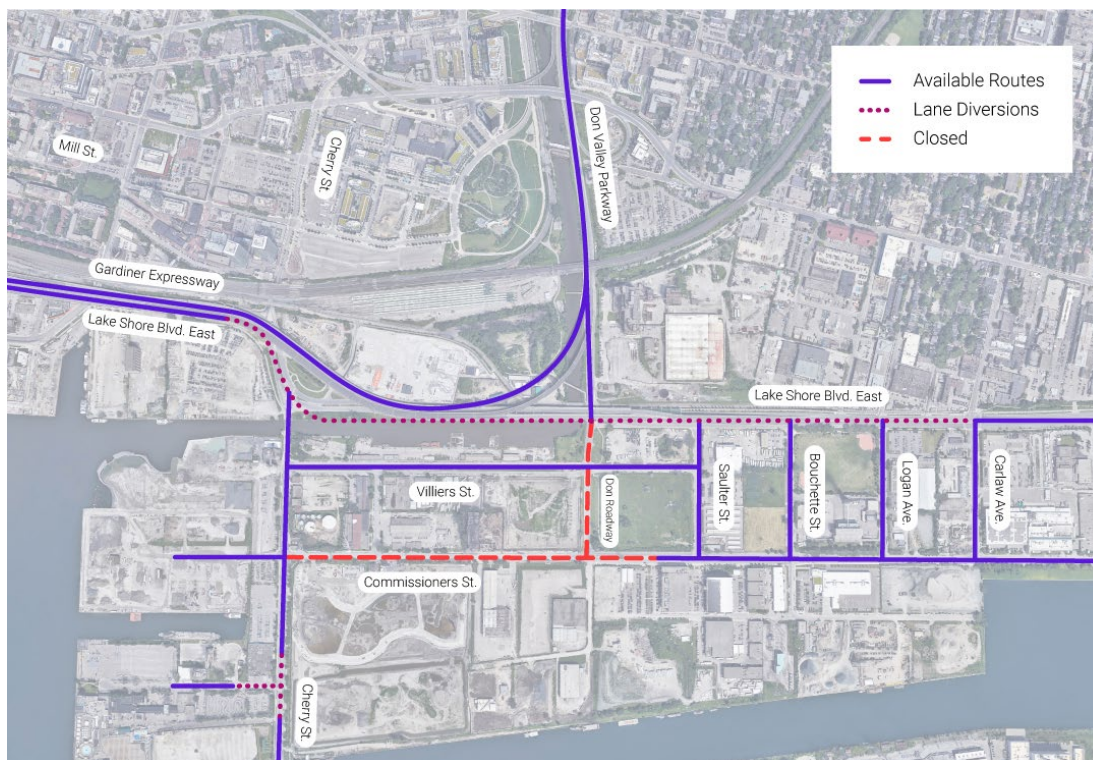
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## Construction Notice #26: Port Lands Flood Protection & Lake Shore Boulevard East

### Traffic Update

#### Upcoming Work: Don Roadway Closure south of Lake Shore Boulevard

To construct permanent flood protection along Don Roadway and rebuild the road, Don Roadway will be closed south of Lake Shore Boulevard starting in December 2021.



**Above:** This map shows the available routes through the Port Lands as of December 2021.  
Recommended routes to and from the Port Lands and Don Valley Parkway are described below.

#### WHAT TO EXPECT

- Traffic coming southbound off the Don Valley Parkway will not be able to continue straight into the Port Lands, and there is no left-turn on to Cherry Street from Lake Shore Boulevard westbound. To access the Port Lands from the DVP,
  - Turn left on to Lake Shore Boulevard eastbound
  - Turn right on Saulter Street (access is also available via Bouchette Street, Logan Avenue, or Carlaw Avenue)
  - Turn right on to Villiers Street
  - Turn left on to Cherry Street
- Access to the Don Valley Parkway from the Port Lands will be via Lake Shore Boulevard East:
  - Take Villiers Street eastbound
  - Turn right on to Saulter Street
  - Turn left on to Commissioners Street
  - Turn left on to Carlaw Avenue
  - Turn left on to Lake Shore Boulevard westbound
  - Turn right on to the DVP

#### **Upcoming Work: Lane diversions on Lake Shore Boulevard East**

We will be lengthening and widening the Lake Shore Bridge over the Don River. Lengthening the Lake Shore Bridge is a critical element of our design to protect this area from flooding. Widening the bridge makes more room for people who cycle and walk and new green space while still moving vehicular traffic. During this work, Lake Shore Boulevard will be kept open, with lane restrictions between Don Roadway and Cherry Street, starting in December 2021. Lanes may also be diverted east of Don Roadway to Carlaw Avenue.

#### WHAT TO EXPECT

- Starting in December, Lake Shore Boulevard East will be reduced to two lanes eastbound and one lane westbound between Cherry Street and Don Roadway.
- Starting in December, lanes east of Don Roadway may be diverted into the median.
- Lanes will be marked using traffic barrels and signage.

We recognize the challenges and inconveniences construction presents to local communities. While not all impacts can be completely alleviated, we have a Traffic Management Plan (TMP) to help address congestion and other construction impacts. The plan is a live document that is being evaluated and revised as the project progresses. Adjustments we can make including changes to traffic signal timing, traffic signal coordination, and turning restrictions.

### **Ongoing Work: Lane Reductions on Lake Shore Boulevard East at Cherry Street**

To realign Cherry Street, we began work at the intersection of Cherry Street and Lake Shore Boulevard East in October 2021. This work at the Lake Shore Boulevard East and Cherry Street intersection is expected to be complete in early 2022.

#### **WHAT TO EXPECT**

- One lane eastbound and one lane westbound at the intersection of Cherry Street and Lake Shore Boulevard East

## **Update: Bike Detours**

Since our Public Information Centre on October 6, 2021, we have gotten more feedback from people who cycle about the detour routes for the Lower Don Trail and multi-use trail along Lake Shore Boulevard East. We will ensure that there is a safe complete detour in place before we close these trails again in December 2021. [Web link to the Public Information Centre page \(https://portlandsto.ca/public-information-centres/#October21\)](https://portlandsto.ca/public-information-centres/#October21)

The three main concerns that cyclists are raising are:

- Physical protection
  - We will replace traffic barrels and bars with concrete jersey barriers to provide separation between people who cycle and vehicles. These will all be installed before the trail closes. The team has listened to the cycling community and has replaced concrete curbs with jersey barriers to enhance physical protection.
- Clear signage
  - Signage is in place according to the plans developed in consultation with the City of Toronto and cycling community. We are continuing to ride the site and will make more changes if needed. Additional wayfinding signage is being procured and

installed at Cherry and Lake Shore and Carlaw and Lake Shore to help navigate the detour.

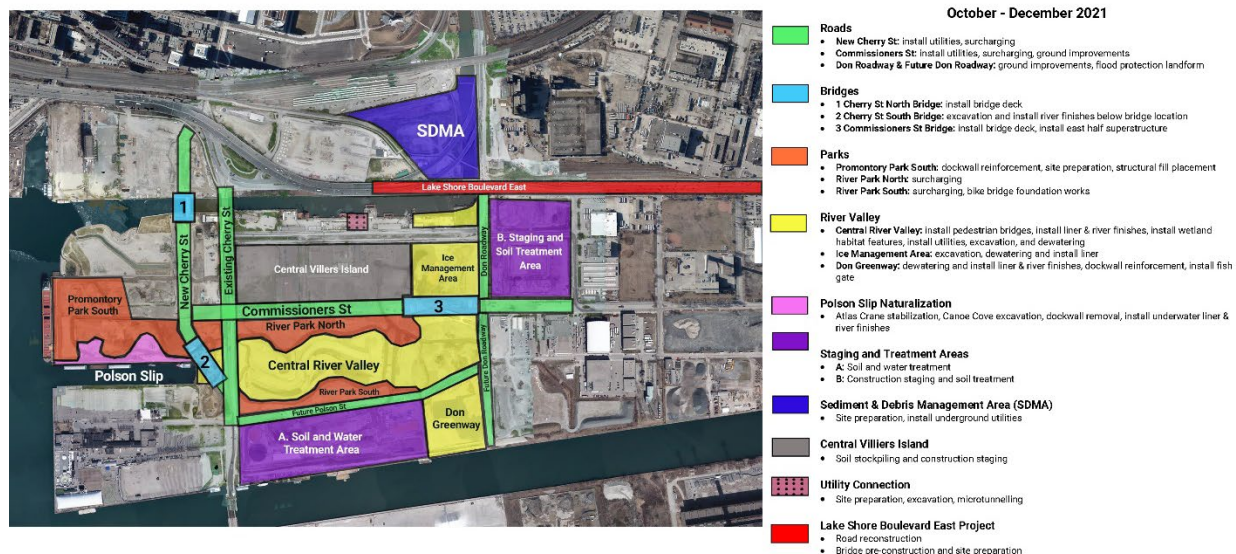
- Puddles, mud, and snow
  - It is a standard construction practice to use water on the roads to suppress dust, which will inevitably create some mud between even frequent cleanings. EllisDon is working with the City of Toronto to address puddles and ensure snow is removed during the winter months. Crews are assigned to keep the detour routes clear of mud and debris.

A further construction update will be issued in advance of the next closures, which would start on December 1st and include:

- Closing the bridge over the Don River
- Closing the multi-use trail between Don Roadway and Logan Avenue

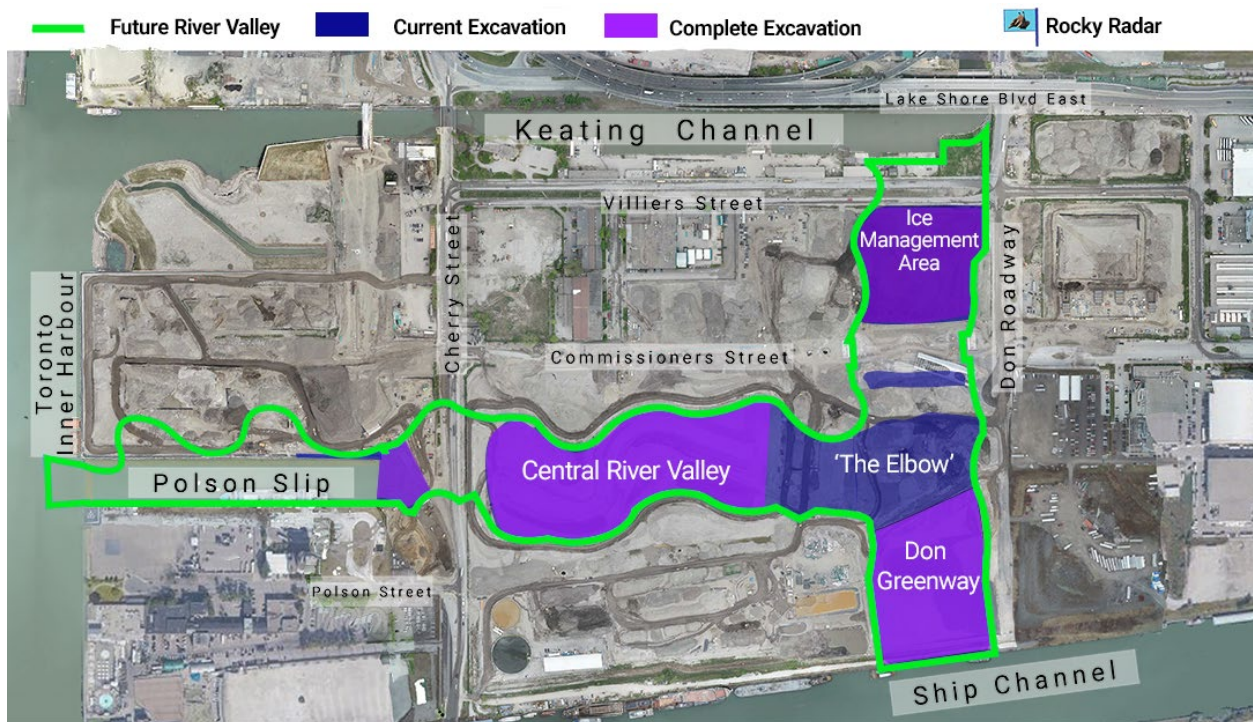
We'll continue to provide updates in future construction notices.

## Construction Update



To open a larger version of this map, visit the [Port Lands Flood Protection Construction Schedule](https://portlandsto.ca/multimedia/port-lands-flood-protection-construction-schedule-2/) (<https://portlandsto.ca/multimedia/port-lands-flood-protection-construction-schedule-2/>)

## Ongoing Work



**October 27, 2021**

**@TheRockRipper**

**Above:** Excavation is complete in the Central River Valley, Don Greenway and Ice Management Area. Crews have also finished excavating at the east end of Polson Slip – where the new river will pass under the future Cherry Street South Bridge. Follow Rocky [@TheRockRipper](https://twitter.com/TheRockRipper) on Twitter for more updates (<https://twitter.com/TheRockRipper>).

## River Valley



**Above:** These trees and rootwads were installed to protect the future riverbank from erosion and provide habitat for fish.



**Above:** These step-like layers are called 'fibre encapsulated soil lifts', and are used to make up the future river bank. Each layer has soil mixed with seeds wrapped with a special fabric to hold the soil in place while the plants get established. Eventually, the fibre wrapping will biodegrade and the plant

roots will keep the river banks in place. In total we are installing approximately 11 kilometres of these 'lifts'.



**Above:** Pouring the foundations for the pedestrian bridges throughout the river valley. The main river channel will be lined with wetlands, so the bridges help pedestrians to discover the trails through the wetlands.

## Bridges



**Above:** The two halves of the Commissioners Street bridge arrived over the summer. Now they are being welded together.

## Polson Slip & Canoe Cove



**Above:** This is the dockwall on the north side of Polson Slip – the future ‘canoe cove’, which will be where the new mouth of the Don River meets the lake. After adding underwater reinforcements to the dockwall last year, we’re now excavating the area closer to the surface of the water to make the river mouth wider and also the create a place to launch small boats and islands to paddle around.



**Above:** These large rocks are 'armour stones' and destined for the new mouth of the Don River. Some of these stones will be placed underwater, so we line them all up and figure out which ones fit together best first.

## Questions?

To learn more about this project, please visit the [Port Lands Flood Protection project website](https://portlandsto.ca/) (<https://portlandsto.ca/>).

To send us questions or concerns about construction, use this [online inquiry form](https://portlandsto.ca/contact-us/) (<https://portlandsto.ca/contact-us/>).

You can also email us at [plfp@ellisdon.com](mailto:plfp@ellisdon.com).

For urgent construction related issues, please contact Cameron Coleman, EllisDon, at 416-594-2198.

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