

**PORT**

**2024**

January 7, 2022

Port Lands Flood Protection  
& Lake Shore Boulevard East  
Construction Liaison  
Committee Meeting #18

**LANDS**



# Housekeeping

- To make the presentation full-screen:
  - Click on ...
  - Scroll down and click 'Focus' and 'Full Screen'

Open  
Chat



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Raise hand



# Agenda

1. Port Lands Flood Protection Project Construction Update
2. Upcoming Construction Overview: Rebuilding Lake Shore
3. Closures & Detours: Roads, Cycling and Pedestrian Facilities
4. Traffic Management Plan Update
5. Outstanding Questions from Past Meetings
6. Next Steps, Q & A

# **Port Lands Flood Protection Construction Update**

# Cherry Street South Bridge



## River Valley: Bank – Erosion Control





# River Valley: Fibre-Encapsulated Soil Lifts





## River Valley: Pedestrian Bridge Piers





# River Valley: Drowned Trees for Habitat



Fish and Bird Habitat – Upright drowned trees



Fish and Bird Habitat – Downed trees mostly underwater

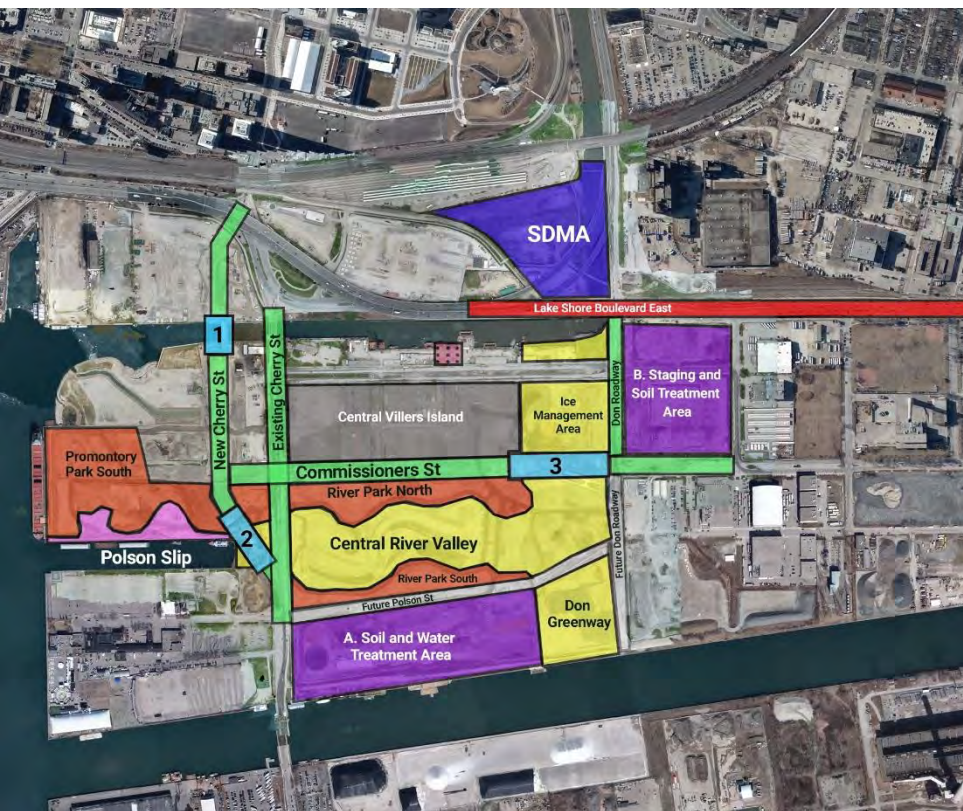
# Polson Slip: River Mouth Excavation



# **Upcoming Construction: What to Expect**



# Upcoming Work



January - March 2022

## Roads

- **Existing Cherry & Commissioners St:** removal of existing and install new utilities, dewatering, excavation, grading and temporary paving
- **New Cherry St & Lake Shore:** lane shifts, install and connect utilities, street lighting, temporary traffic controls, and paving
- **New Cherry St:** install utilities, surcharging
- **Commissioners St:** install utilities, surcharging, ground improvements
- **Don Roadway & Future Don Roadway:** ground improvements, flood protection landform

## Bridges

- **1 Cherry St North Bridge:** on-going fabrication of vehicular bridge (off-site)
- **2 Cherry St South Bridge:** superstructure and concrete deck installation
- **3 Commissioners St Bridge:** additional foundation work, install electrical utilities, excavate below bridge

## Parks

- **Promontory Park South:** excavation, structural fill placement
- **River Park North:** surcharging, bike bridge foundation works
- **River Park South:** surcharging, bike bridge foundation works

## River Valley

- **Central River Valley:** install pedestrian bridges, install river finishes, install wetland habitat features, install utilities, and dewatering
- **Ice Management Area:** install river finishes, install wetland habitat features, and dewatering
- **North Ice Management Area:** subcontractor mobilization
- **Don Greenway:** excavation, dewatering, install fish gate, caisson wall removal, habitat boulder, seeding & mulch

## Polson Slip Naturalization

- Canoe Cove excavation, install river finishes

## Staging and Treatment Areas

- **A:** Soil and water treatment
- **B:** Construction staging and soil treatment

## Sediment & Debris Management Area (SDMA)

- Lower Don Trail closure, excavation, dredging and dockwall works

## Central Villiers Island

- Soil stockpiling and construction staging

## Utility Connection

- Excavation, microtunnelling and utilities installation

## Lake Shore Boulevard East Project

- Temporary road reconstruction
- Lane shifts
- Bridge pre-construction and site preparation
- Demolition of EB bridge and removal of Gardiner substructure, demolition of rail bridge

# What to Expect on Lake Shore Boulevard East

## January 2022 to 2024:

- Lane restrictions will be in place on Lake Shore Boulevard between Carlaw Avenue and Cherry Street
- Lanes will be marked using traffic barrels and signage
- Traffic control will be done with Paid Duty Officers at intersections while work is occurring
- Flag persons will be present to control construction vehicle movement when crossing public spaces such as sidewalks, roads, and bike paths



# Lane Diversions east of Cherry Street

## Starting January 2022





# Lane Diversions at Lake Shore and Don Roadway Starting January 2022



# Tree Removal on Lake Shore Boulevard

- 72 trees were already planned for removal as part of LSBE project
  - Will be replaced by 216 trees
  - Planting program introduces more biodiversity, biomass, and native species leading to healthier trees in the long-term
- 251 trees were surveyed on and around the work zone
  - 63% were evaluated in “poor-fair” or worse condition
- Additional trees on the south side of Lake Shore, on some private property have been recommended for removal
- The trees are along Lake Shore Boulevard between Don Roadway and Carlaw Avenue

# **Closures, Detours: Roads, Cycling and Pedestrian Facilities**

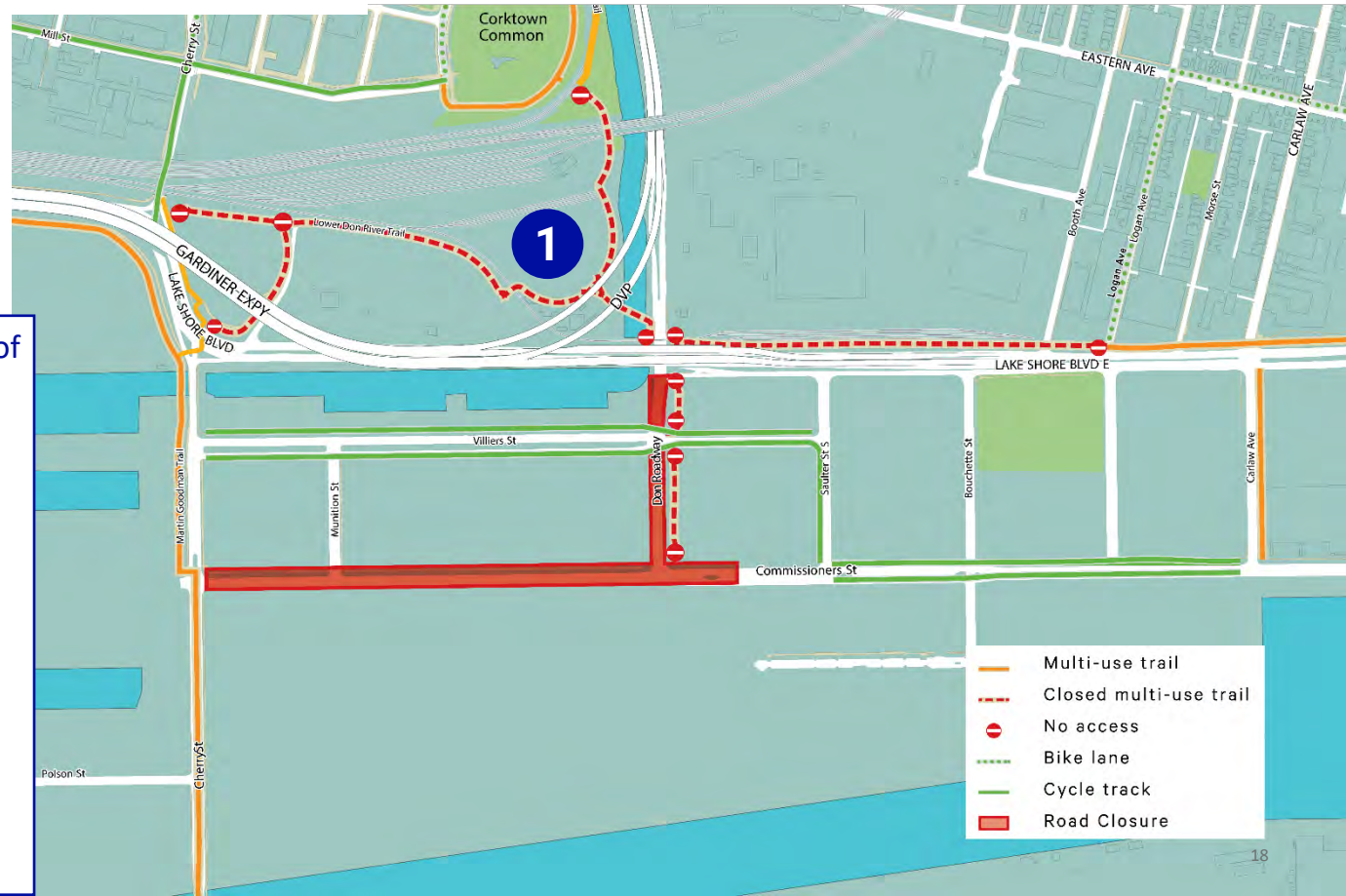


# Cycling and Pedestrian Detours

## January 16, 2022

1

Lower Don Trail closed south of  
Corktown Common to Cherry  
Street



# Traffic Management Plan Update

# Update to the Traffic Management Plan

The Traffic Management Plan is a live document that is being evaluated and revised as the project progresses.

What we can adjust:

- Traffic signal timings
- Traffic signal coordination
- Some turning restrictions
- Stationing traffic agents
- Signage

What we have updated:

- Details for the bike detour
- Updated signal timing plans
- Lessons learned

You can read the executive summary of the updated TMP here:

<https://portlandsto.ca/wp-content/uploads/Traffic-Management-Plan.pdf>



# Next Steps

# How We'll Communicate Upcoming Closures, Detours

## **During construction:**

- Clear road detour signs
- Information signs with details about how to find construction details or contact us
- Digital traffic notices
- Project website: [PortLandsTO.ca/construction](https://PortLandsTO.ca/construction)

## **The Construction Liaison Committee's role:**

- Sharing this information with the groups you represent, including how to contact us

# Q&A