

Welcome to the Waterfront East LRT Extension Virtual Meeting

The virtual meeting will begin at 7:00pm. **This meeting is being recorded.**

Your camera is turned off and all attendees are muted.

Having connection issues?
You can also call-in to the
meeting by dialing
+1-647-484-1598 followed by
132 330 5585

Contact afurneaux@lura.ca if you are experiencing technical difficulties

Welcome & Land Acknowledgement

Chris Glaisek, Waterfront Toronto

Laurence Lui, Toronto Transit Commission

Councillor Cressy, City of Toronto

Agenda

1. How to Participate
2. Introducing the Project Team
3. Overview Presentation
4. Questions and Comments
5. Next Steps

How to Participate

Viewing LURA Consulting's a...

Welcome

Waterfront East LRT Extension Virtual Meeting #1

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Waterfront Transit Network Update – Fall 2020

Unmute Share

Participants Chat

Participants (3)

Search

Panelist: 1

LURA Consu... Host

Attendee: 2 (1 displayed)

Lauren Sooley Me

To: Everyone

Enter chat message here

- 1) Raise your hand using the “raise hand” button in the Participants window. You will be unmuted by a member of the project team to speak.
- 2) Phone-in participants must dial *3
- 3) Type your question into the Chat window. Make sure “Everyone” is selected”.

We will do our best to answer as many questions as possible!

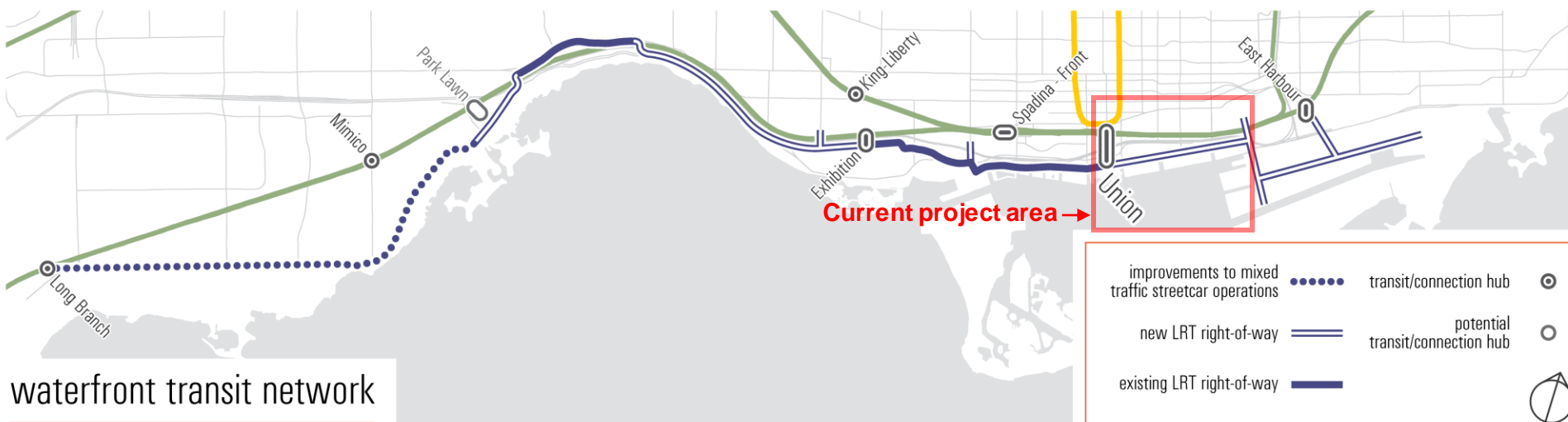
Introductions

Poll Question #1

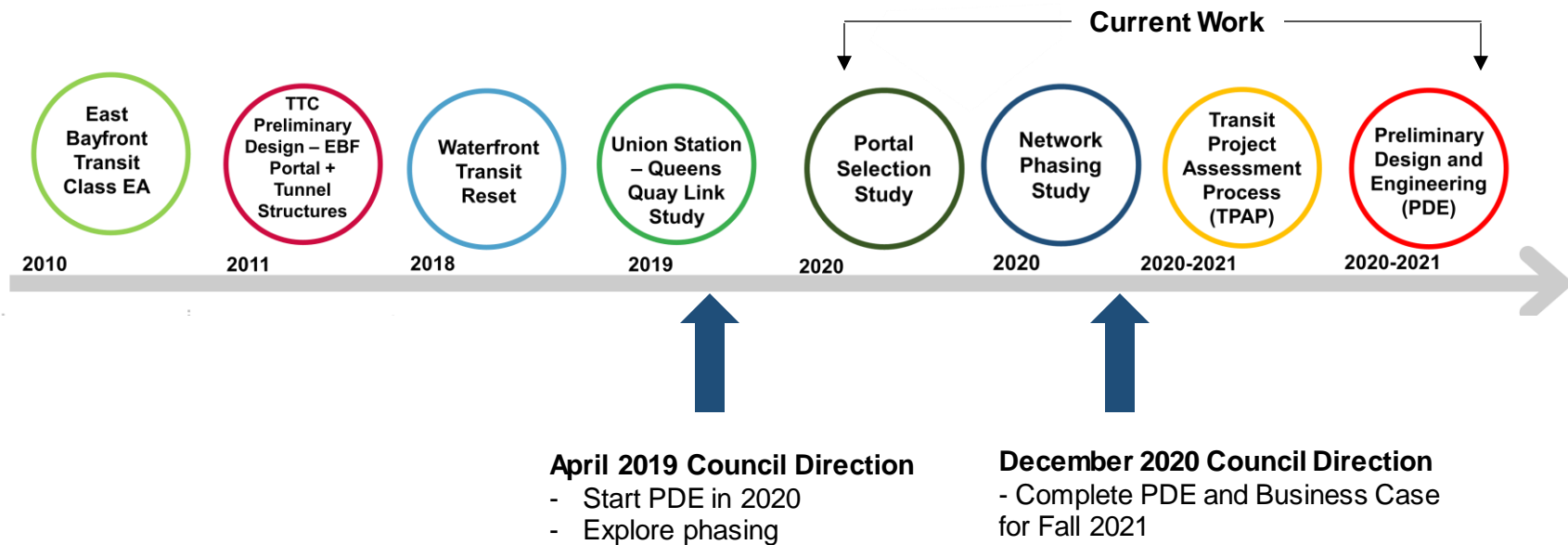


Waterfront East LRT Extension Project Background & Overview

Overview: Waterfront Transit Network Plan

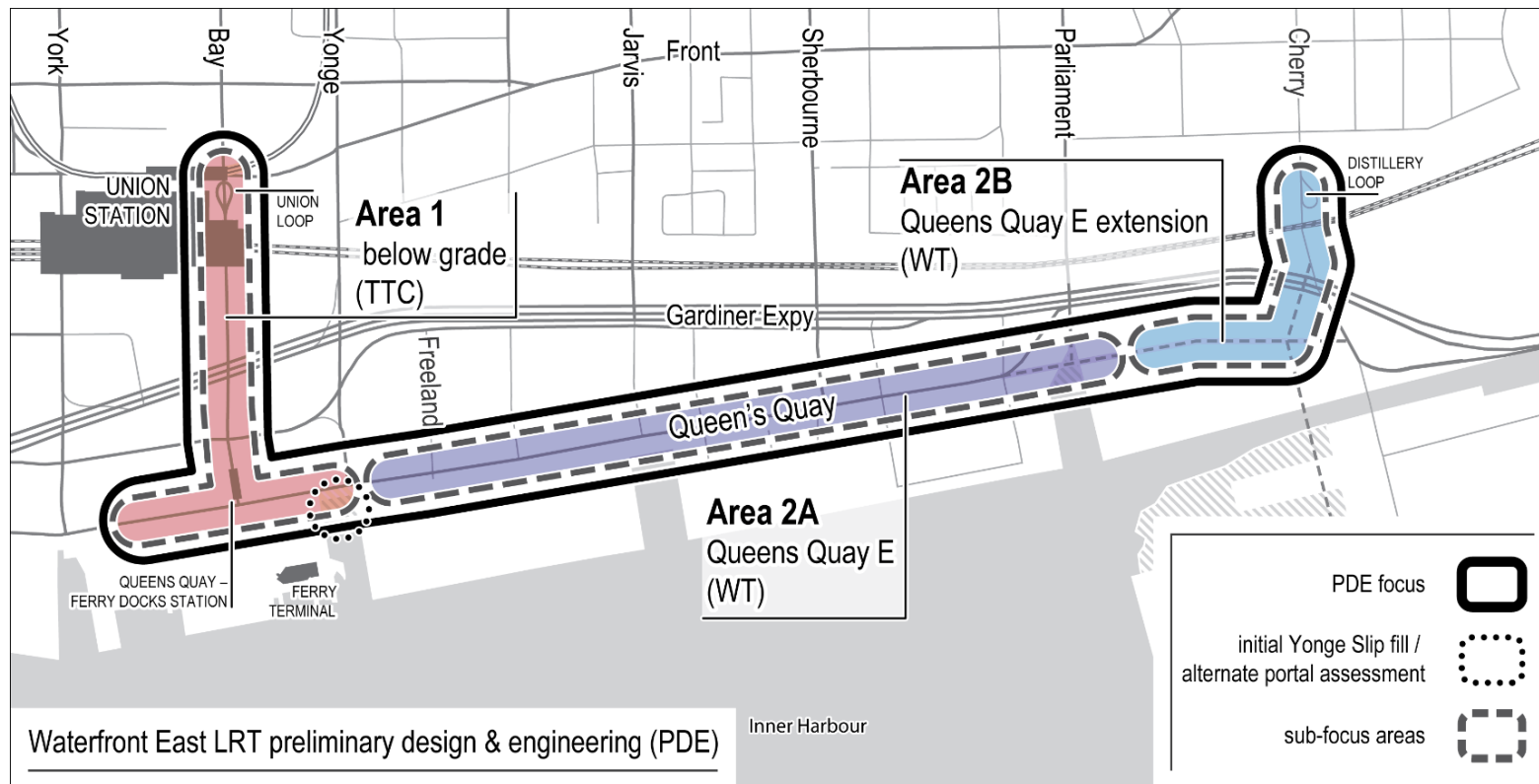


Waterfront Transit Network Plan: Council Directions



Waterfront East LRT Extension

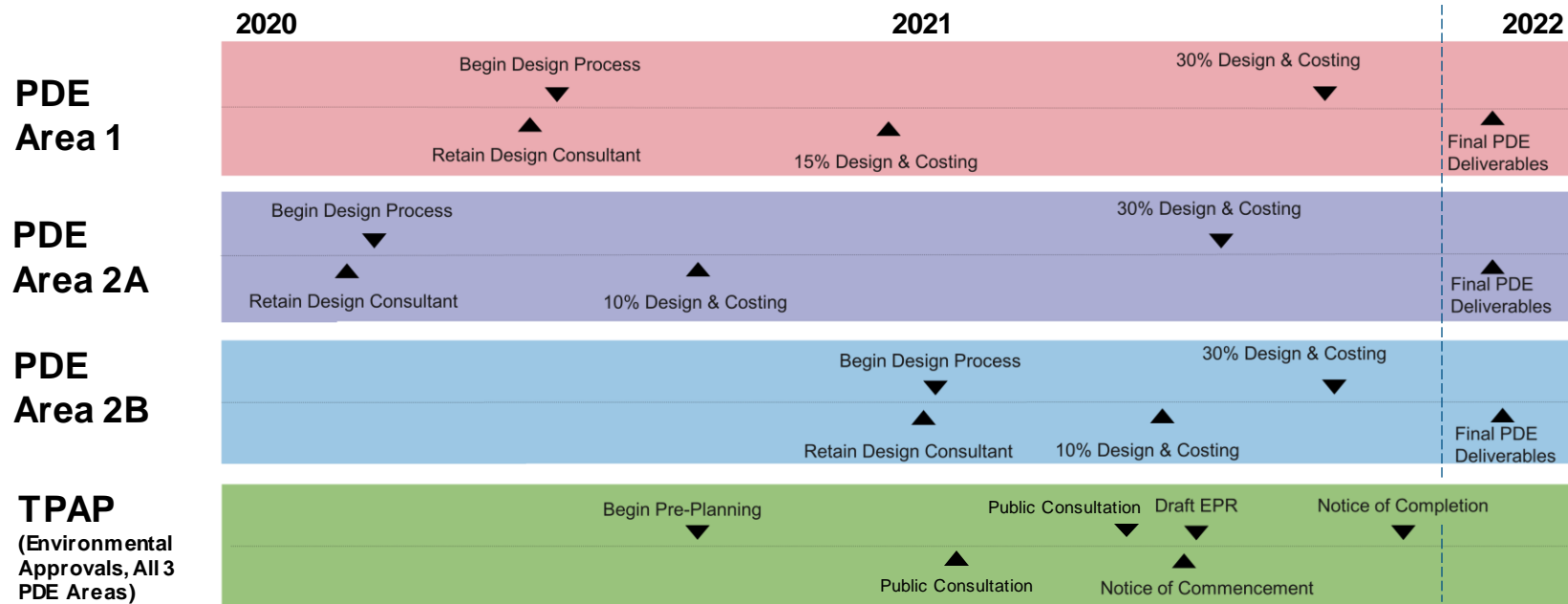
Preliminary Design & Engineering Focus Areas



Project Schedule

Preliminary Design & Engineering (PDE) and Transit Project Assessment Process (TPAP)

Report to Council with Updated Business Case based on 30% design, costing and phasing



Project Team



WATERFRONToronto



WEST 8 + dtah

ARUP



wood.



Portal Location Study

Portal Location Study

What is a Portal?

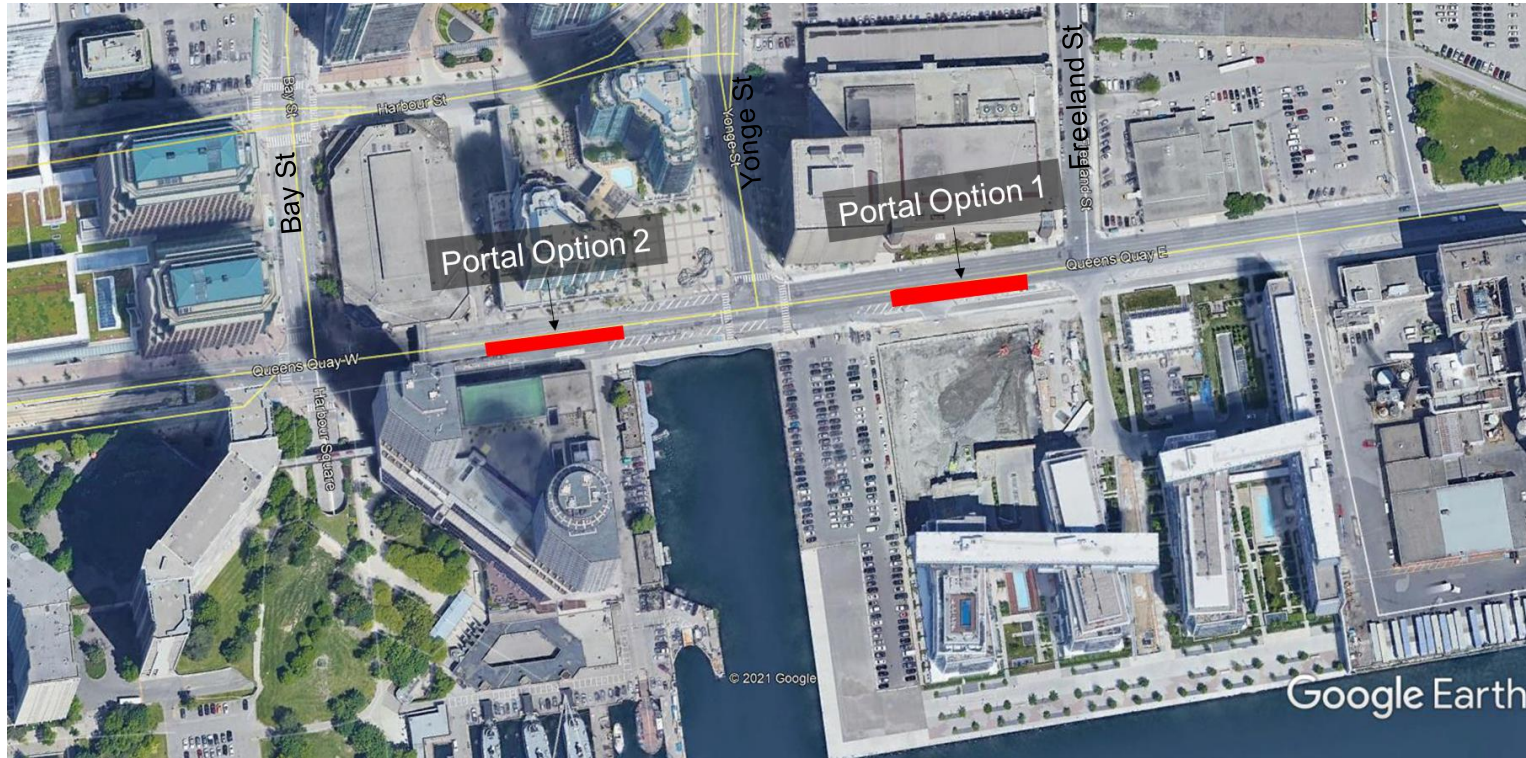
A streetcar portal is the piece of infrastructure that allows streetcars to transition between an underground and surface alignment, just as they do on Queens Quay West, west of Bay street.



Streetcar portal on Queens Quay West going underground to Union Station

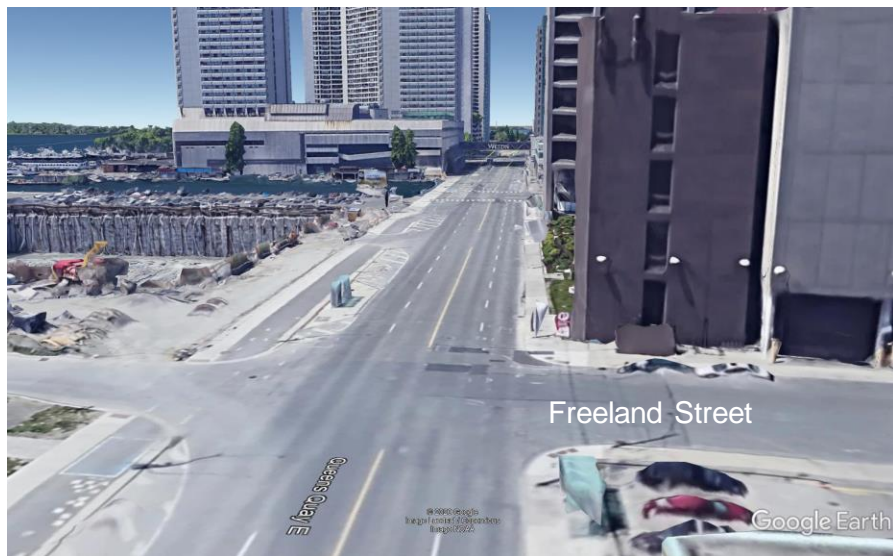
Portal Location Study

16



Portal Location Study

Alternative 1: Portal East of Yonge Street



Existing Condition



Alternative 1 Proposal – Location from previous EA

Portal Location Study

Alternative 2: Portal West of Yonge Street



Existing Condition



Alternative 2 Proposal
Includes a partial fill-in (1/3) of the Yonge Street Slip

Portal Location Study

Technically Preferred Alternative: west of Yonge (Option 2)

19



Benefits:

- Reduces the impacts of construction
- Significantly reduces the project construction costs
- Reduces traffic conflicts on Queens Quay and the Martin Goodman Trail
- Accommodates new marine activity
- Improves the slip's aquatic habitat
- Enhances the public realm at the foot of Yonge Street



Waterfront East LRT Extension Network Phasing Study

Network Phasing Study Scope

The **purpose of the study** is to identify the Phase 1 funding and delivery of the Waterfront Transit Network.

Context Considerations

1. **Ontario Line's impact** on passenger route choice and forecasted passenger demand into the Union to Queens Quay Link (UQQL) and on Queens Quay
2. **Development has advanced considerably in East Bayfront** since 2010 and development of the lower don lands will soon follow upon completion of the Port Lands Flood Protection Project in 2024.
3. **City Council's request for staff** to explore a phasing option that would implement a through streetcar service on Queens Quay to East Bayfront in advance of the Union Station construction and implementation phase.

Network Phasing Study Scope

Study Questions

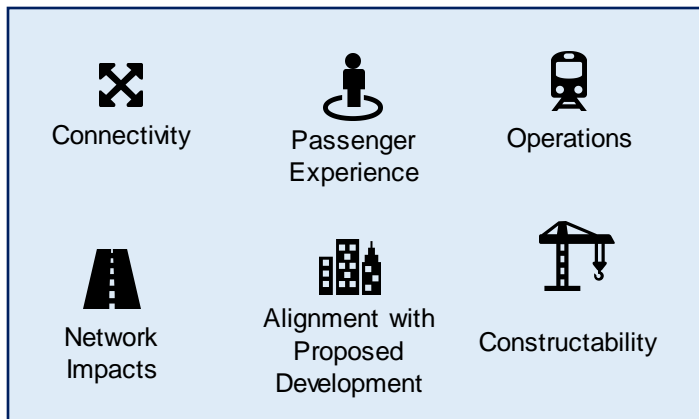
1. How much expansion work is needed in the Union Station Loop (Area 1) in Phase 1?
2. How far east should transit extend to in Phase 1?
3. Can East Bayfront transit service be expedited prior to the completion of the Union Station Loop?

Network Phasing Study: Evaluation

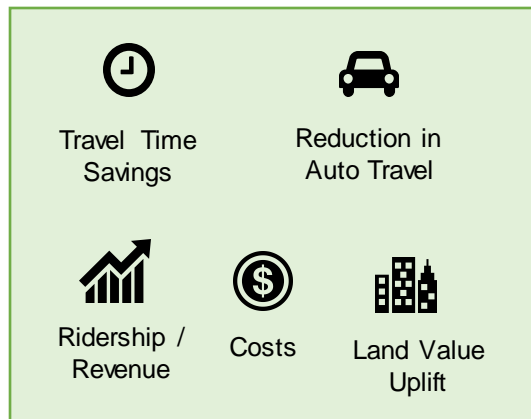
How we are assessing options?

Phasing options are being assessed with a set of evaluation criteria and economic analysis.

Evaluation Criteria



Economic Analysis

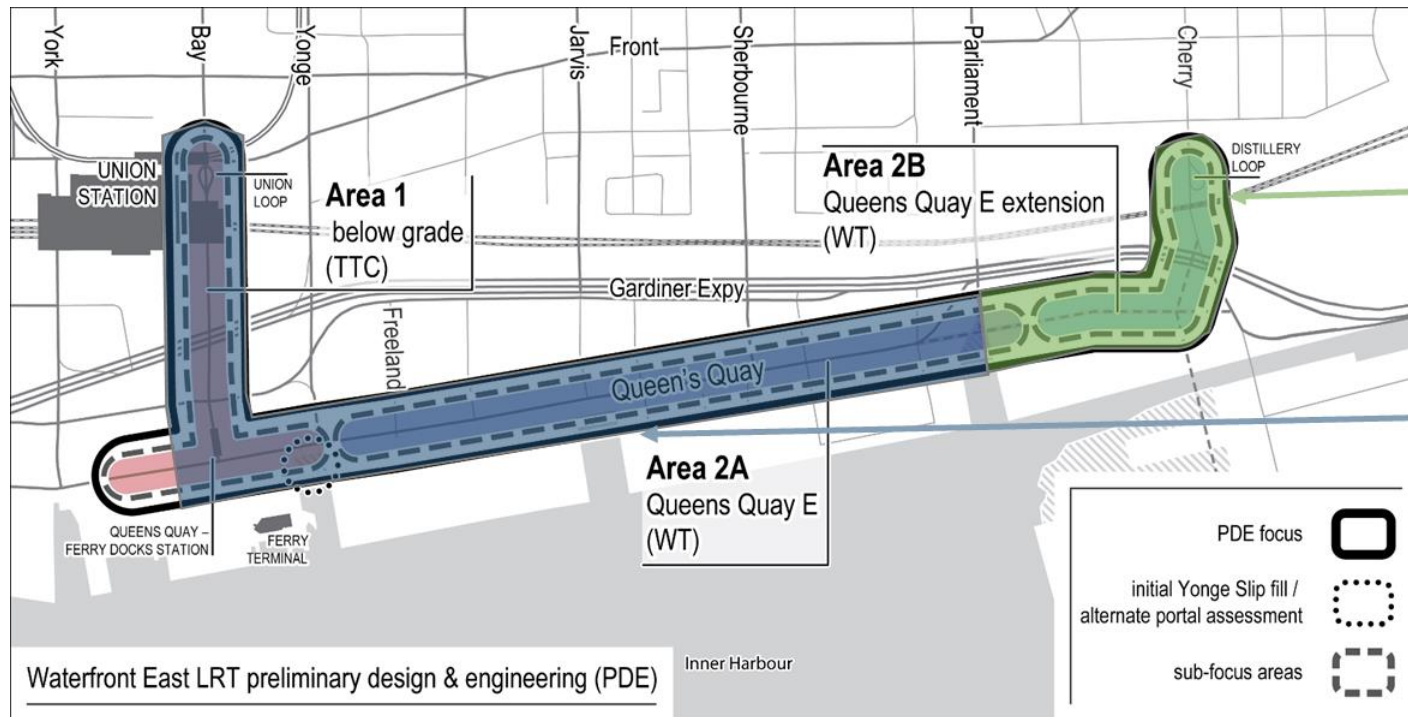


Preferred Area
1/ Area 2
Options for
Phase 1
Waterfront
Transit
Network



Environment Assessments: Introducing the Transit Project Assessment Process (TPAP)

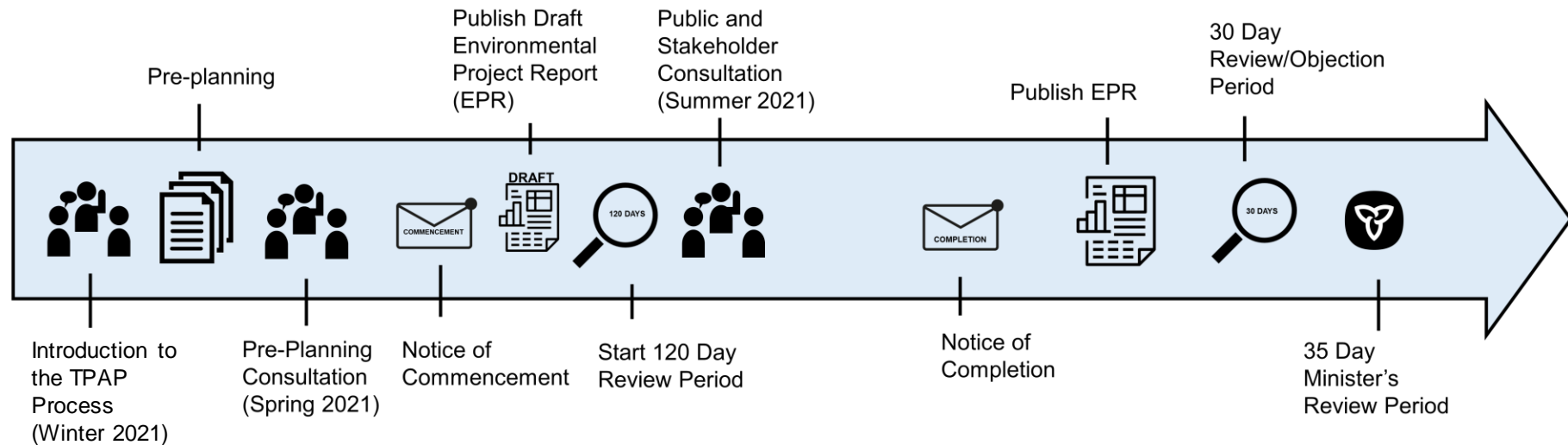
Previous Environment Assessment Scopes



**Lower Don
Lands Environmental
Assessment
Master Plan
Addendum (2014)**

**East Bayfront
Transit
Environmental
Assessment
(2010)**

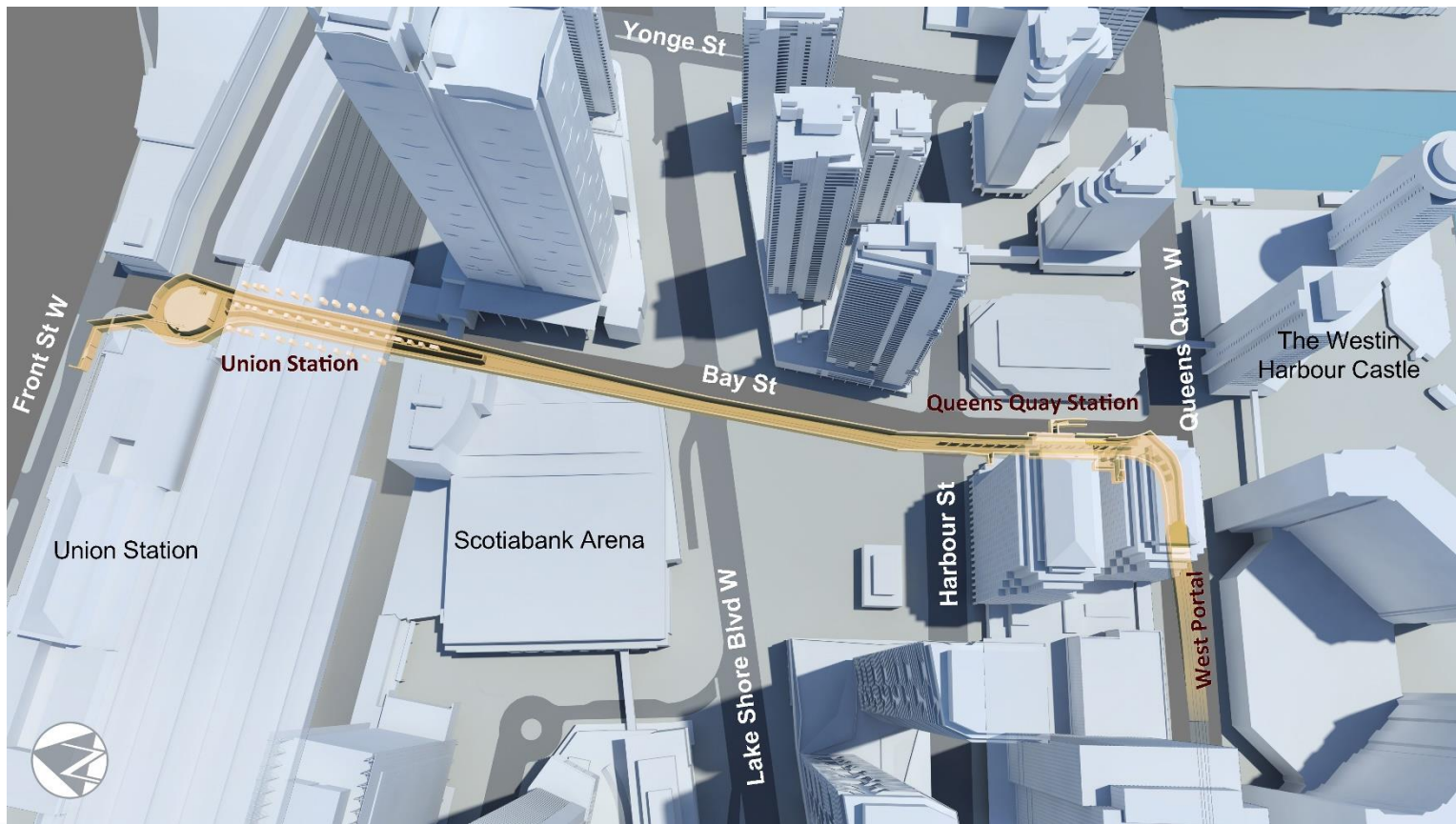
Transit Project Assessment Process (TPAP)





Union & Queens Quay-Ferry Docks Stations: Preliminary Design and Engineering

Design Progress: Area 1 (Below-Grade Section)



Existing

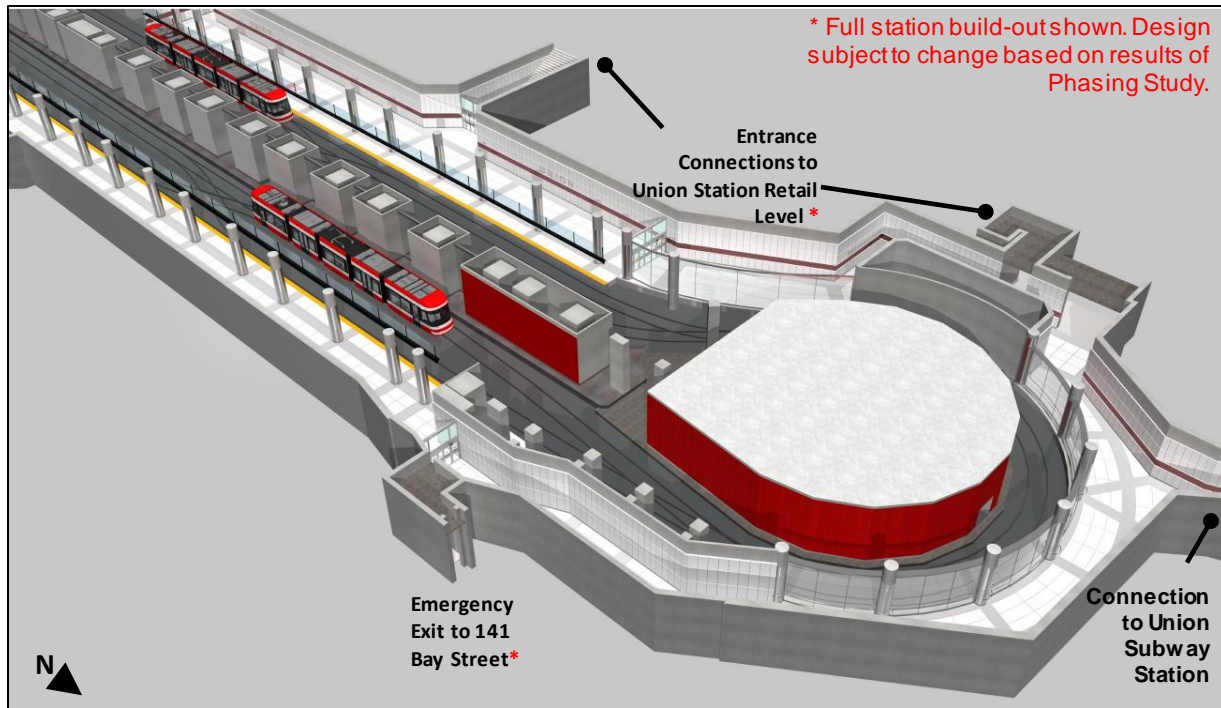
Design Progress: Area 1 (Below-Grade Section)



Proposed

Design Progress: Area 1 (Below-Grade Section)

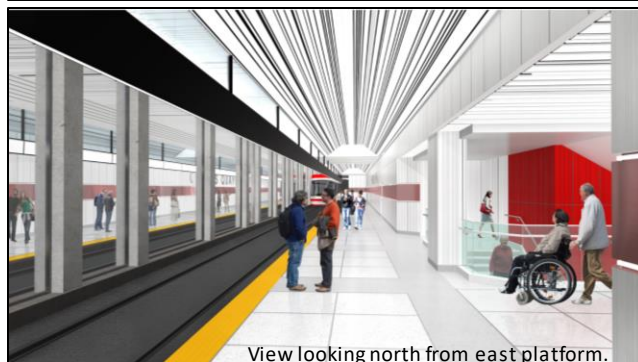
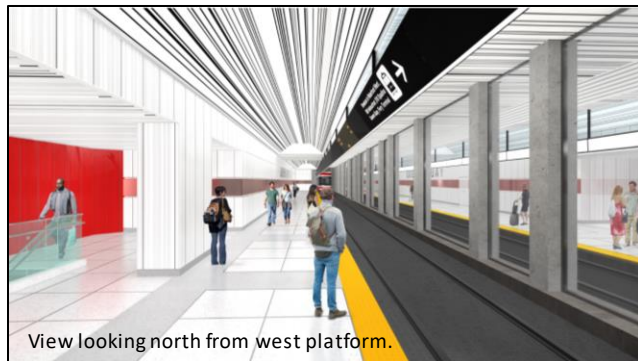
Preliminary Union Station Renderings



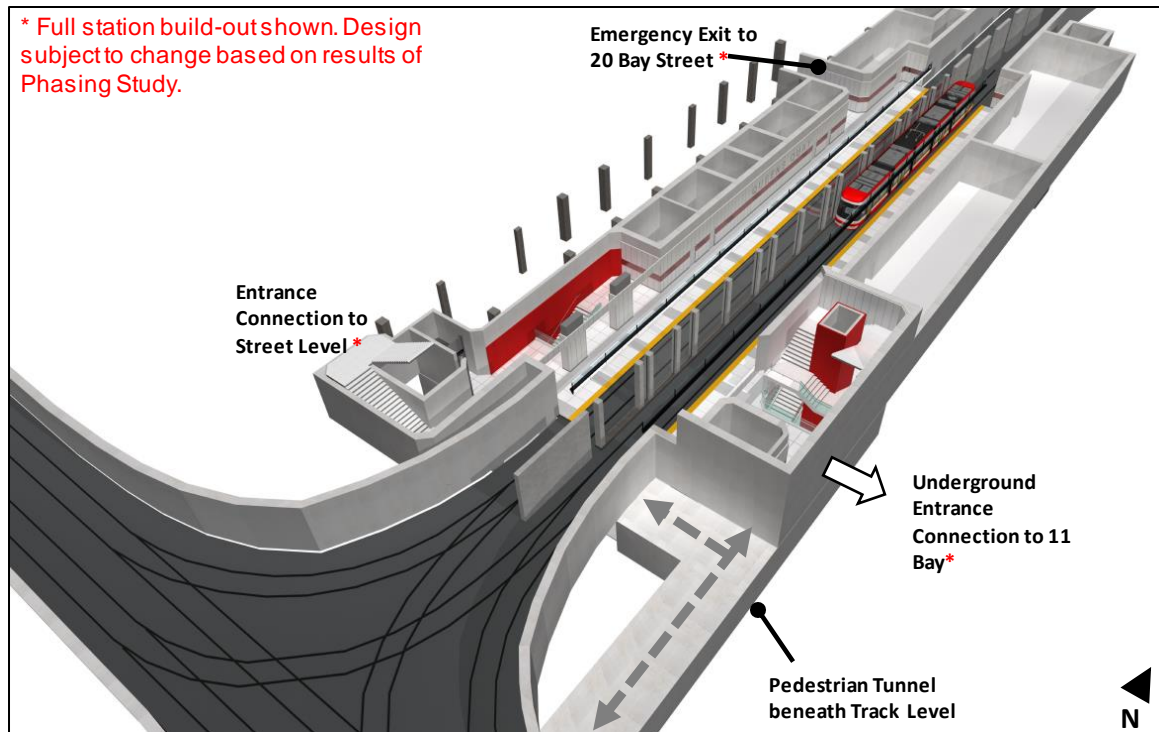
* All new entrance connections and emergency exits subject to change/refinement based on further coordination/discussion with stakeholders.

Design Progress: Area 1 (Below-Grade Section)

Preliminary Queens Quay-Ferry Docks Station Renderings



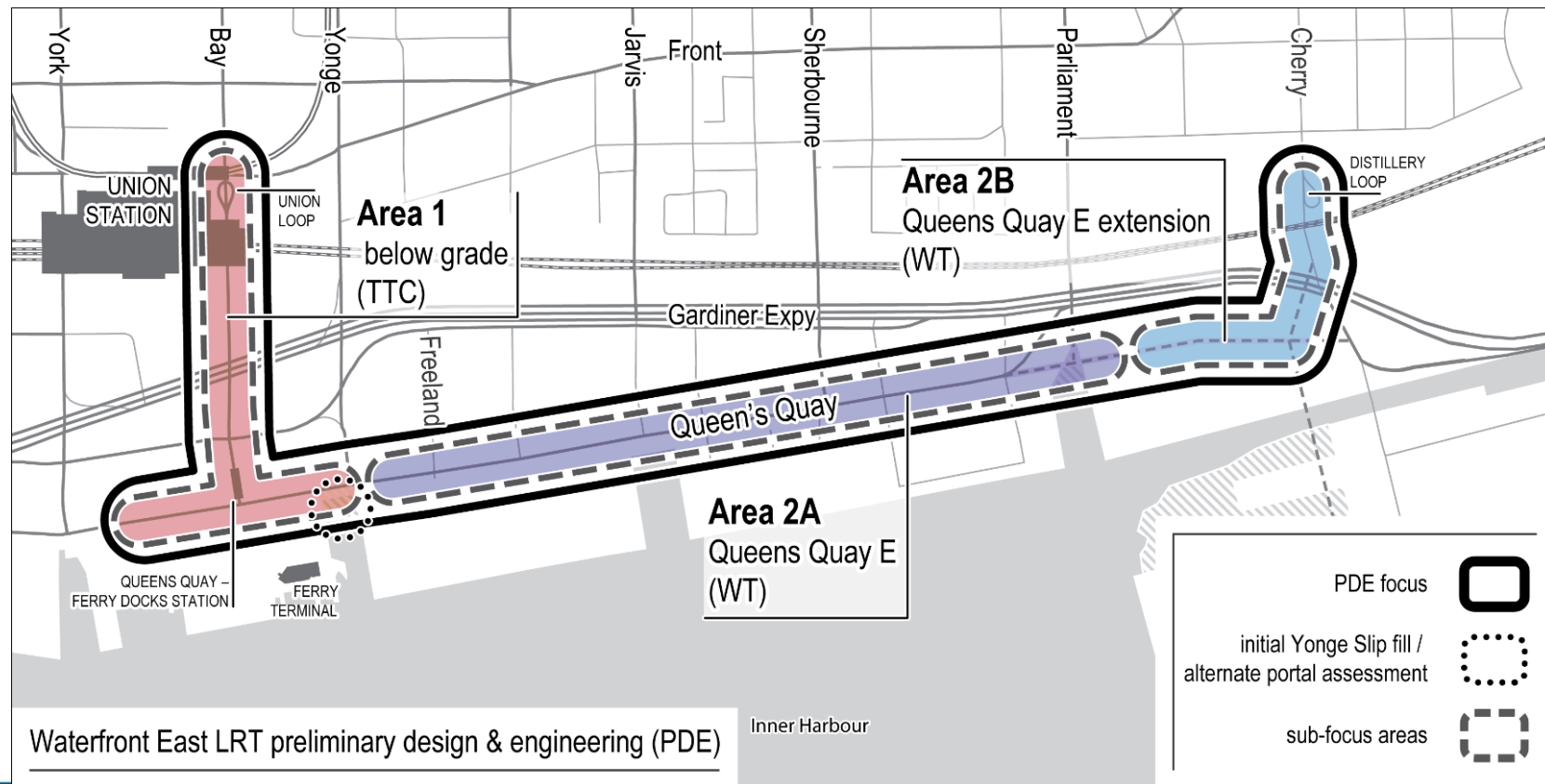
* Full station build-out shown. Design subject to change based on results of Phasing Study.



* All new entrance connections and emergency exits subject to change/refinement based on further coordination/discussion with stakeholders.

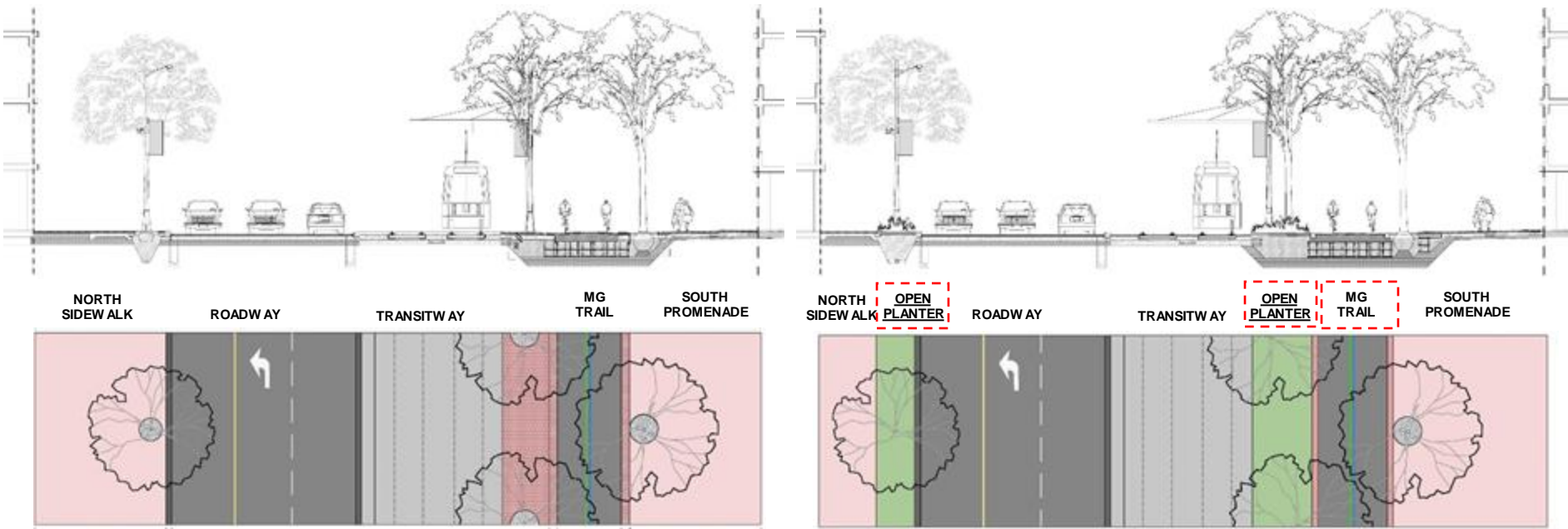
Queens Quay East Street Design for Area 2A

32



Changes to the Design : Typical Cross Section

33

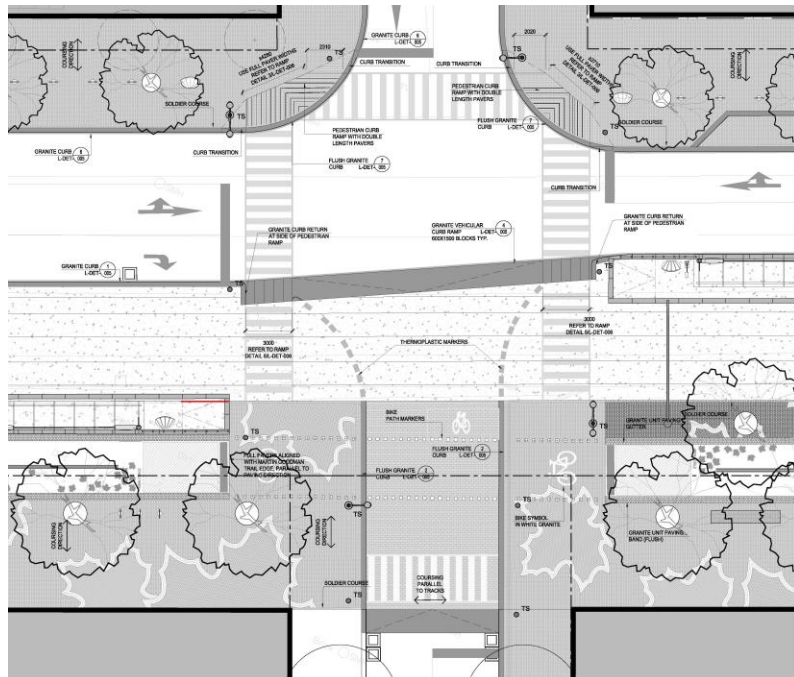


2012 - Typical Cross Section

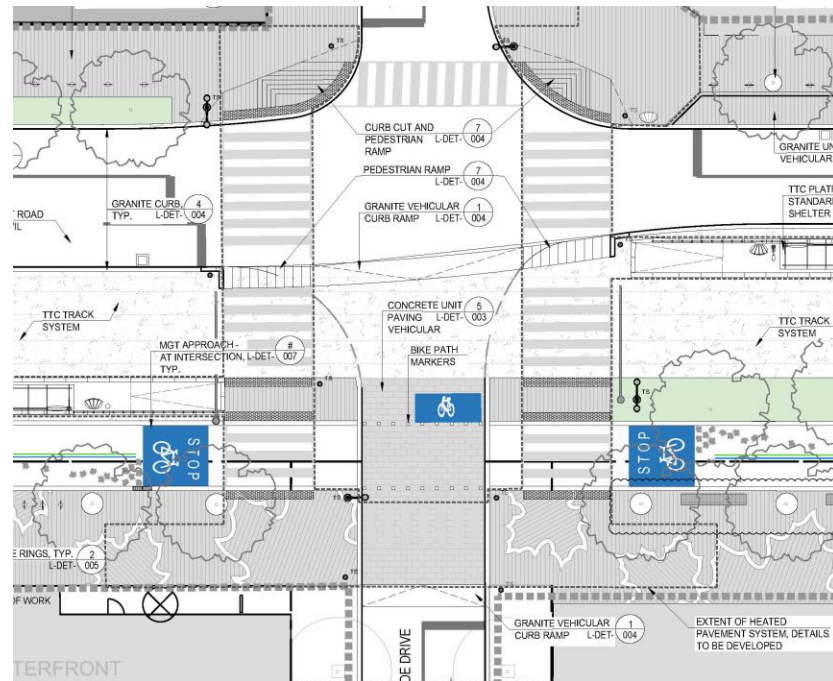
2020 - Typical Cross Section – Open Planters

Primary Changes: Open Planters, wider MGT

Changes to the Design: Typical Intersection



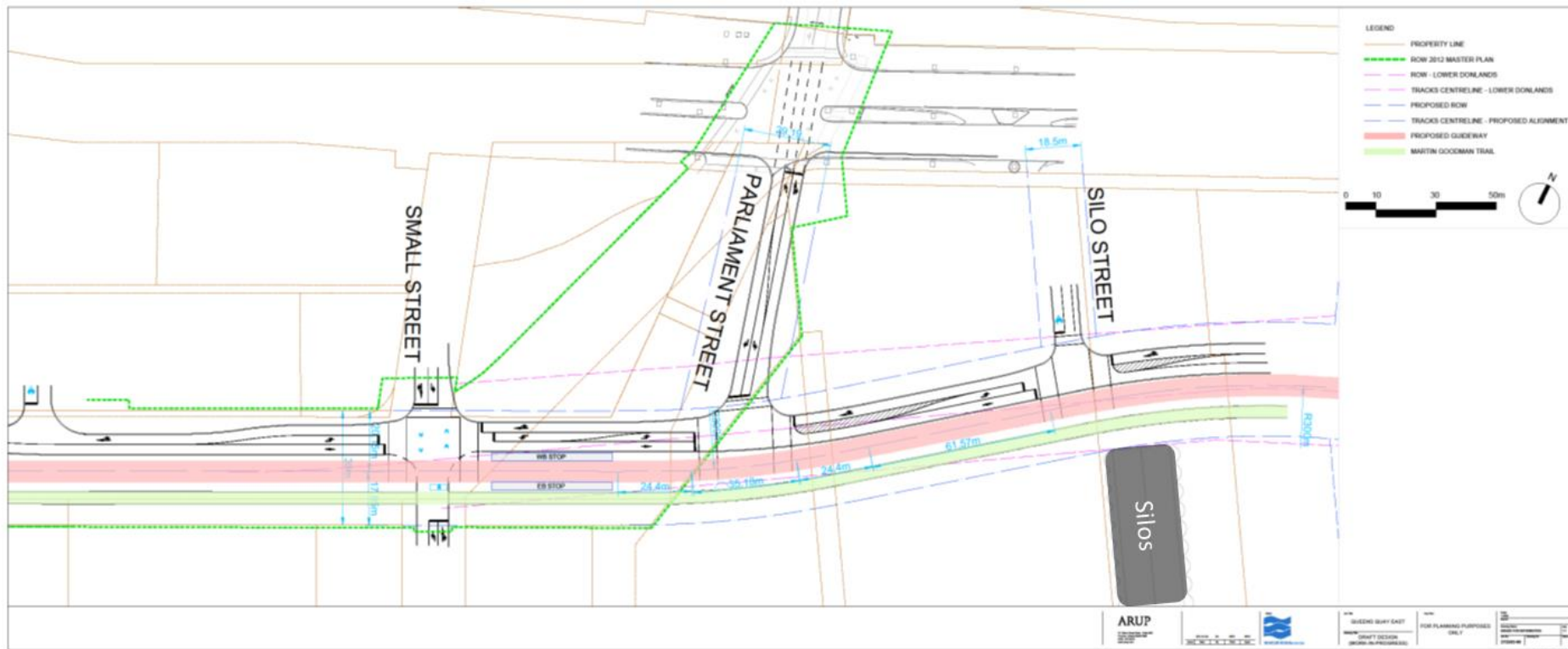
2012 Design
Mixing Zone



Draft 2020 Design
Delineation between cyclists and pedestrians



Queens Quay East Extension & Parliament St. Alignment



Improve the Arrival Experience: Special Plazas

37



Bay Street
(Union Station, Ferry Terminal)



Yonge Slip
(Longest Street in the World)



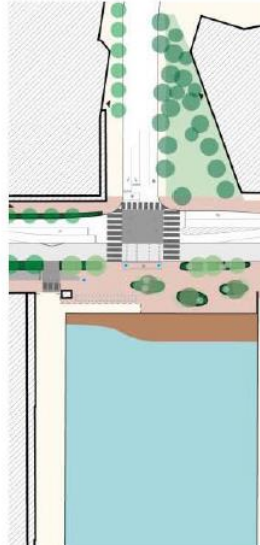
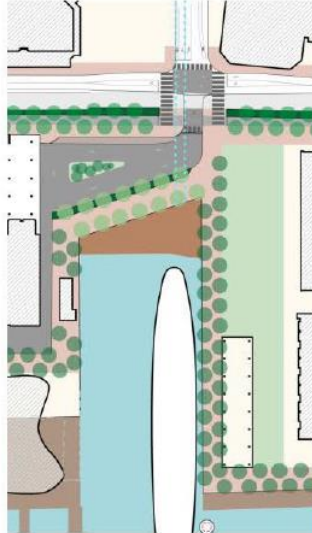
Jarvis Slip
(St. Lawrence Market)



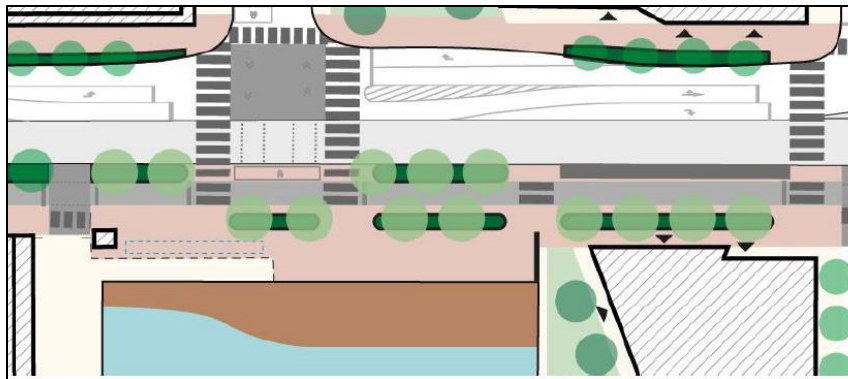
Sherbourne Street
(Important Cycling Connection)



Parliament Slip
(Distillery District)

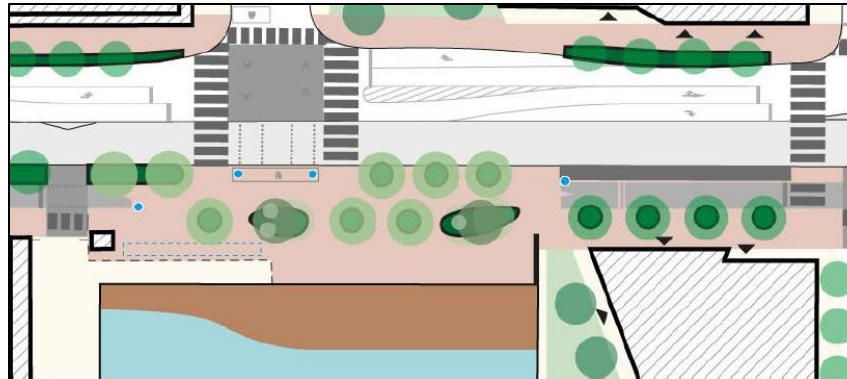


Special Character at Heads of Slips: Arrival Zones



Option 1: Delineate

- Same as “typical intersection” design
- Continuous asphalt MGT through the plaza
- Crosswalks extend south of MGT



Option 2: Plaza

- Pedestrian focused area
- The MGT pavement stops along with other indicators of trail delineation
- Cyclists must navigate slowly through the space, prompted by new signage concept

***IMAGES FOR ILLUSTRATIVE PURPOSES ONLY**

Next Steps

- Continue to refine the design and seek approval for the west portal option and Yonge Street slip fill
- Complete the phasing study
- Continue to engage with stakeholders, landowners and the public
- Complete the Environmental Project Report and initiate the TPAP process
- Complete draft 30% design and costing for all three focus areas to inform the business case and 2022 budget cycle

Thank you!

Questions & Comments

- This meeting is being recorded. Only presentations and presenters will be visible during the Question & Comment period.
- Outstanding answers to commonly asked questions from this meeting will be provided in the final consultation feedback report at the end of March on the project website (below)
- You can also provide feedback and submit comments through the survey until March 4 available at <http://toronto.ca/waterfronttransit>

Reminder: How to Participate

Viewing LURA Consulting's a...

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We will do our best to answer as many questions as possible!

Poll Question #2

Next Steps

Beyond this consultation, the Project Team will be connecting with the public at several other points throughout this year as the TPAP begins. Upcoming consultations will seek feedback on the following:

- Street Design
- Network Phasing
- Construction phasing and mitigating impacts
- Other components of the Draft Environmental Project Report

Thank you for joining us!

Please visit

toronto.ca/waterfronttransit

to complete the online questionnaire by March 4, 2021

Contact the project team

WaterfrontTransit@toronto.ca

416-338-2848