

PORTLANDS FLOOD PROTECTION

Port Lands Flood Protection Construction Liaison Committee Meeting #10
February 21, 2020



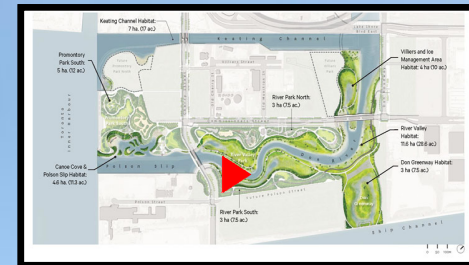
Agenda

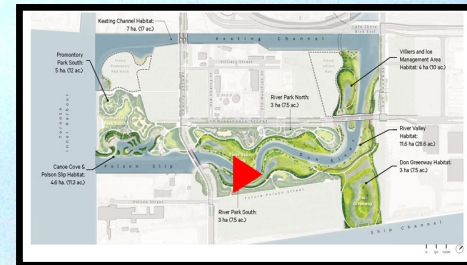
1. Introductions
2. Construction Update: Port Lands Flood Protection
3. Upcoming Construction Work
4. Inner Port Lands Area Traffic Management
5. Hydro One
6. Discussion and Feedback

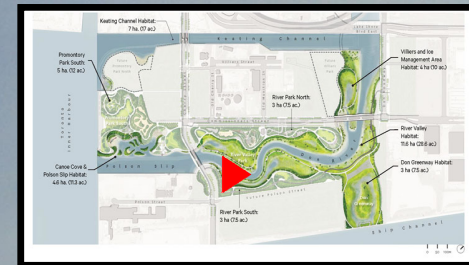
Project Overview

Port Lands Flood Protection – River Valley 2024

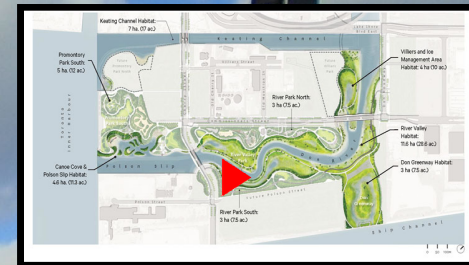


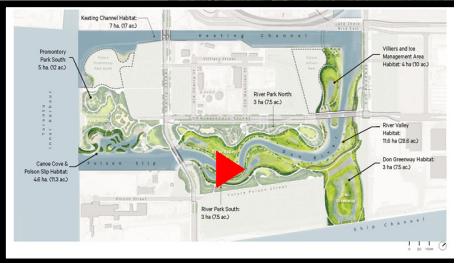






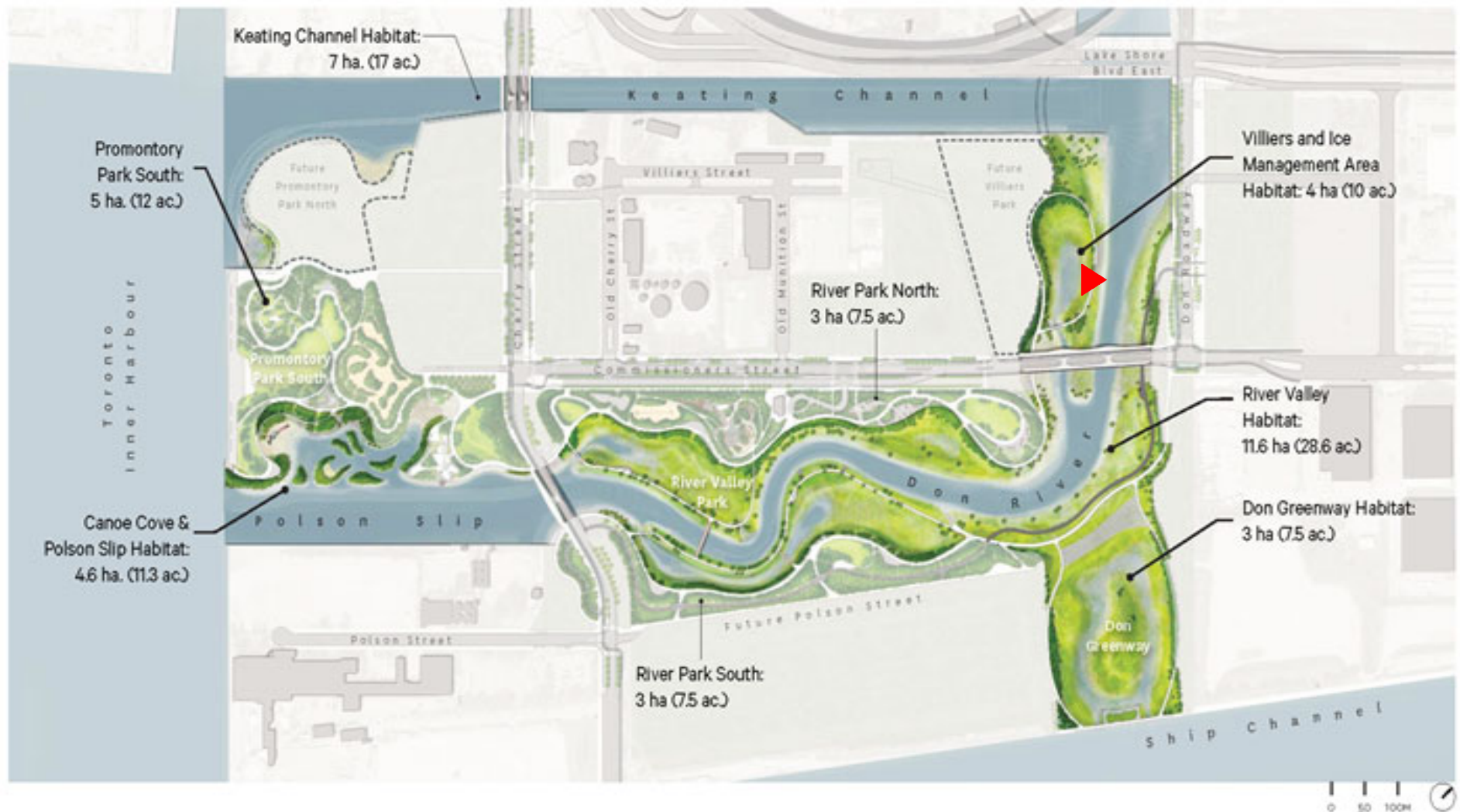
December 2019

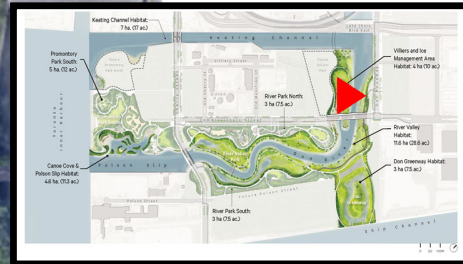




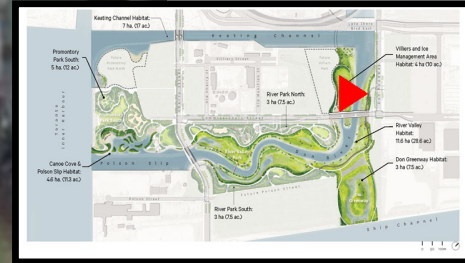
Future River Valley

Port Lands Flood Protection – Sediment & Debris Management Area 2024





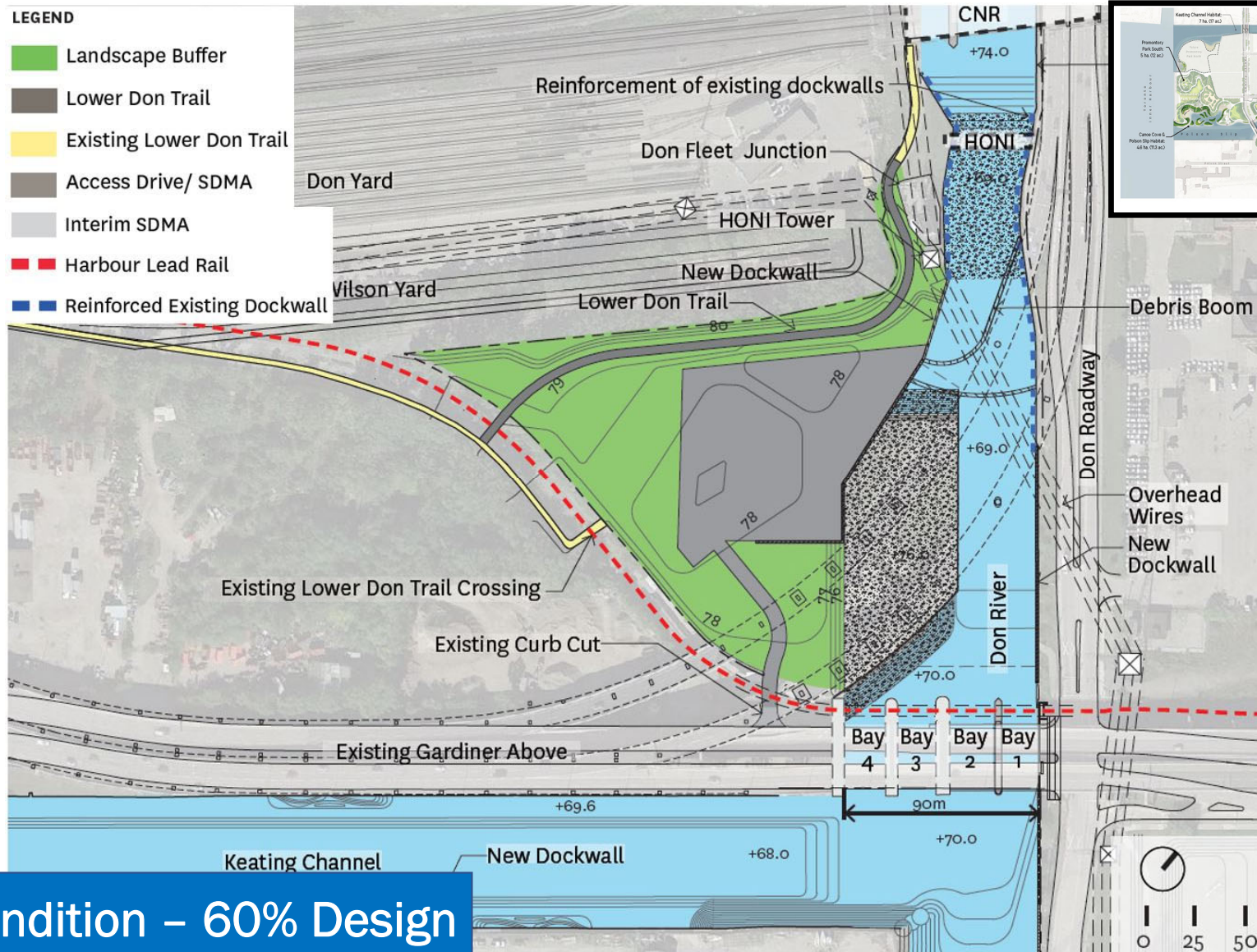
Before



February 2020

LEGEND

- Landscape Buffer
- Lower Don Trail
- Existing Lower Don Trail
- Access Drive/ SDMA
- Interim SDMA
- Harbour Lead Rail
- Reinforced Existing Dockwall



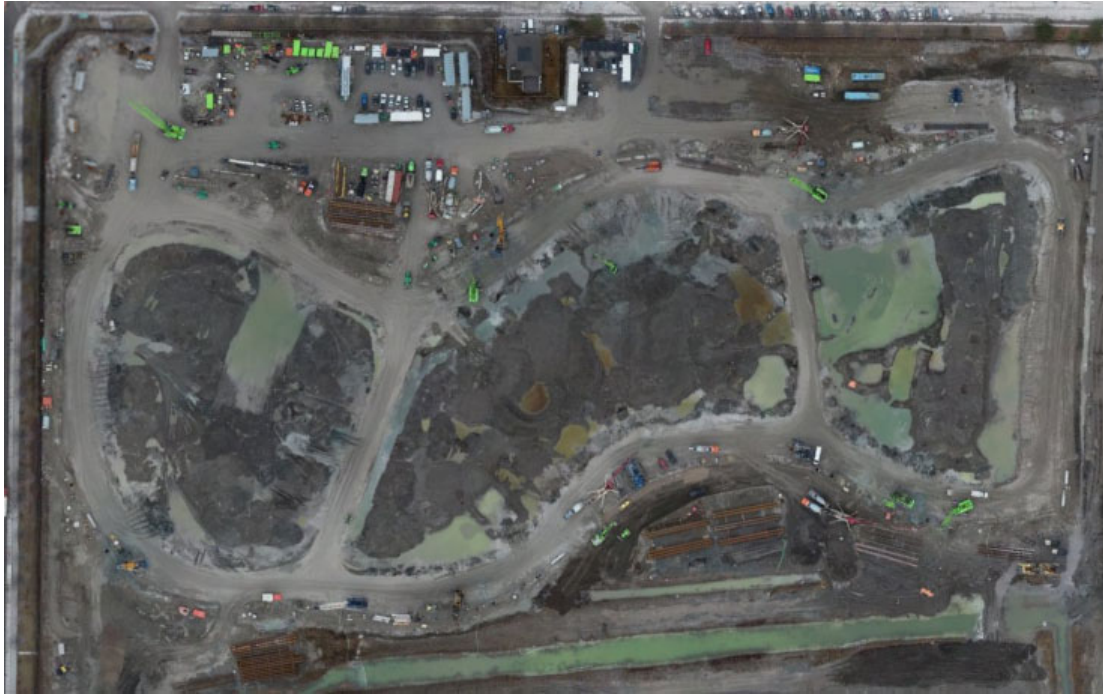
Interim Condition – 60% Design

Construction Update: Port Lands Flood Protection

River Valley Excavation



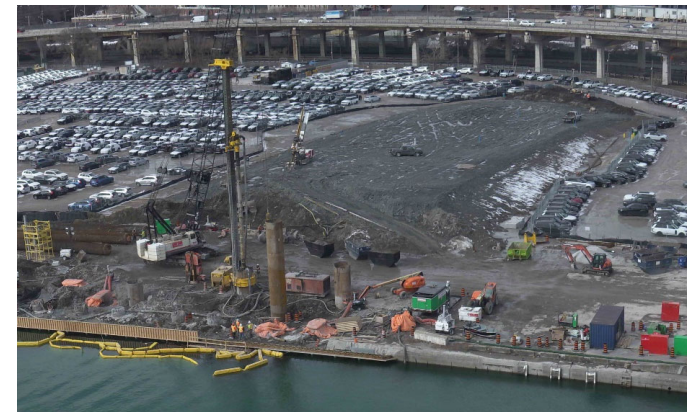
Cut-Off Walls – River Valley



Cherry Street Bridge North



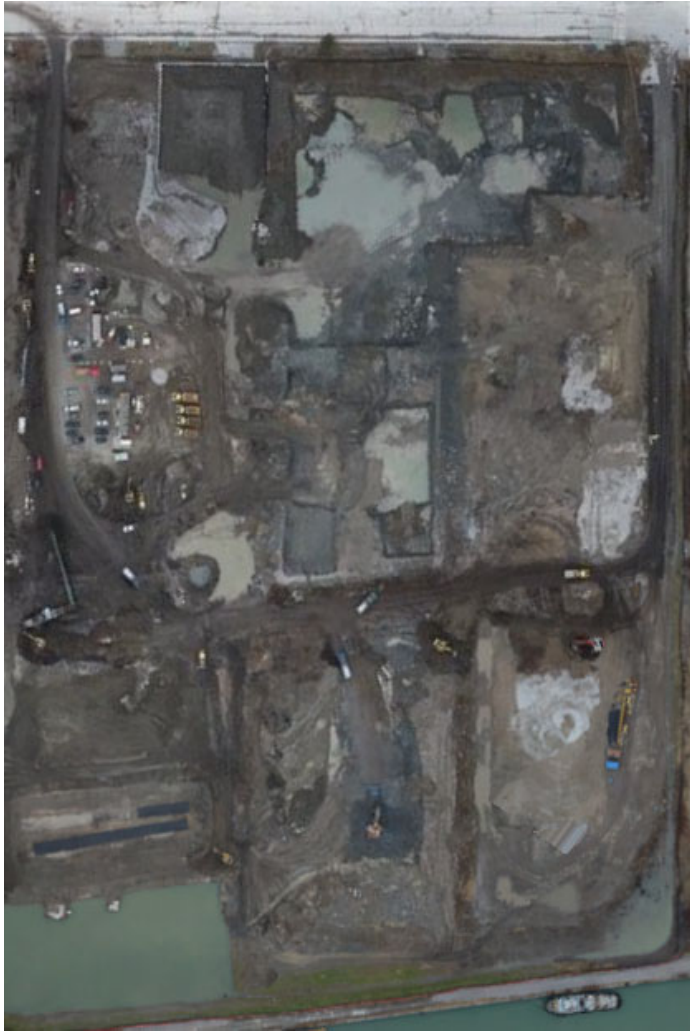
New Cherry Street Alignment



Soil Stockpiling – MT-35



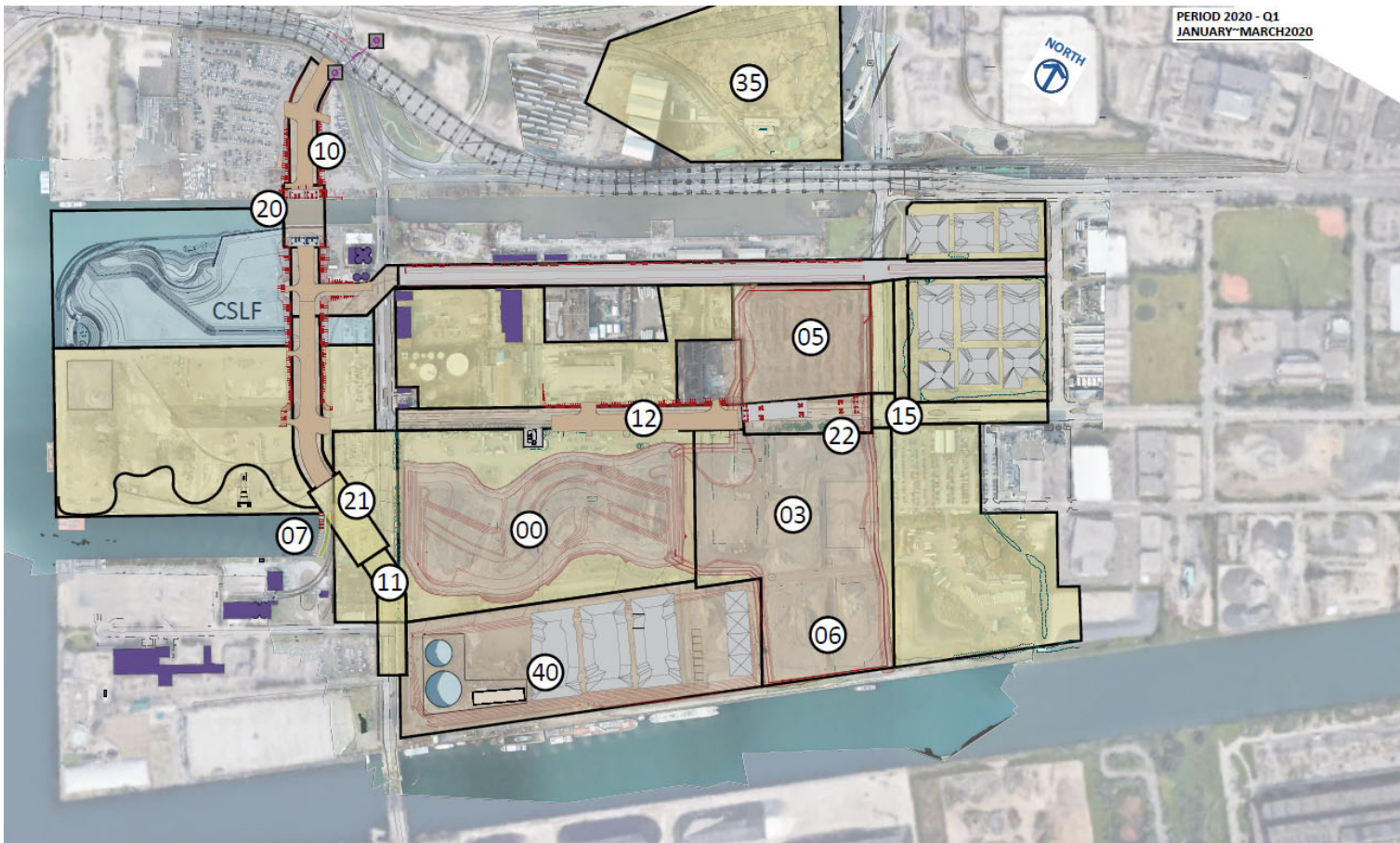
Site Preparation – 63,75, 85, 95 & 99 Commissioners





JAN 30, 2020

Construction: January - March 2020



EARTHWORKS

AREA 00 – River Valley

- Cut-off walls
- Dewatering
- Excavation

AREA 03, 06, 05 – River Valley

- Shallow excavation & removal of obstructions
- Cut-off walls

AREA 07 – West Plug

- Demolition & site preparation
- Temporary dock wall installation

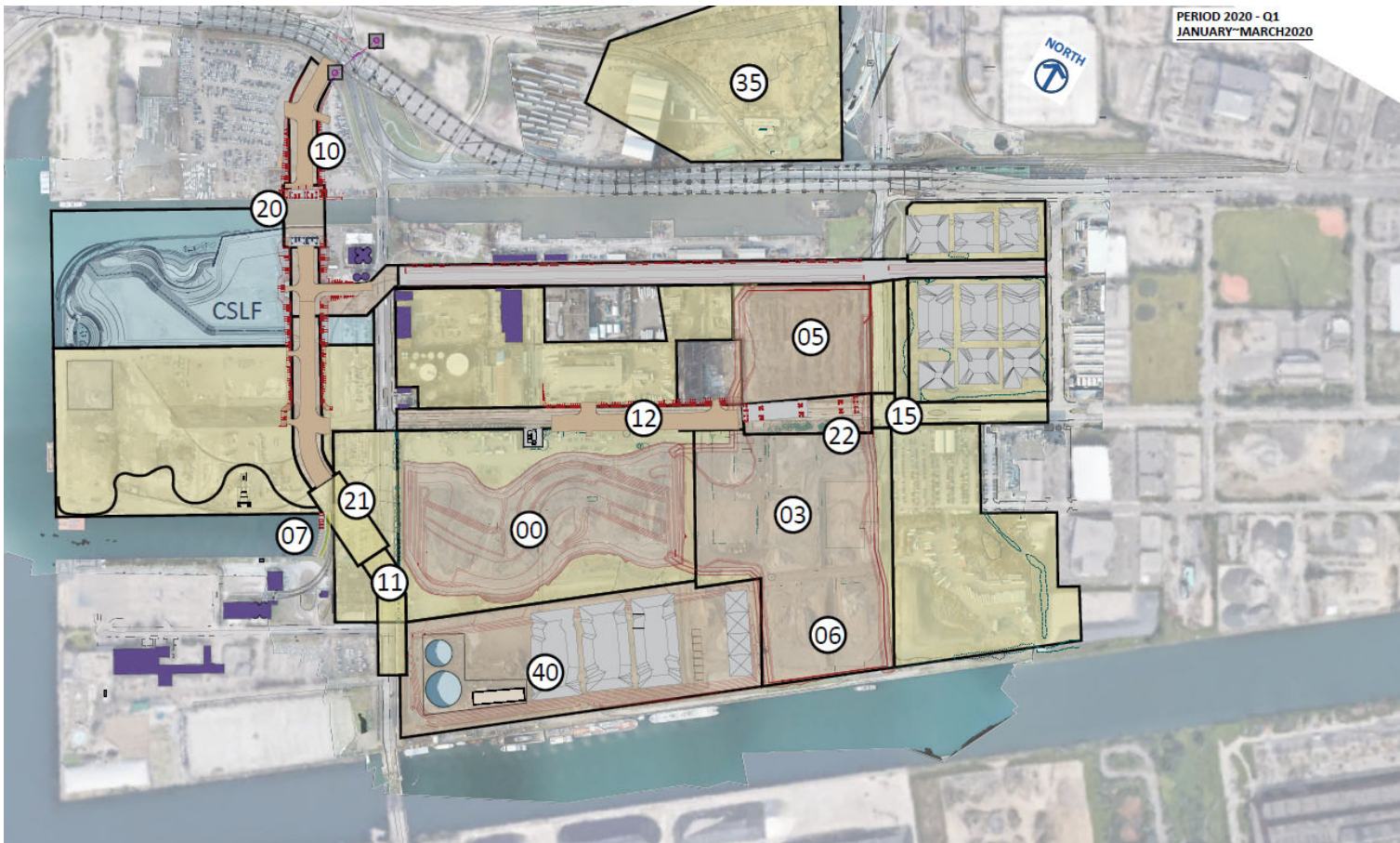
AREA 35 – Sediment & Debris Management Area

- Tree removal
- Demolition & site preparation

AREA 40 – Soil | Water Treatment Area & Stockpile Area #1

- Stockpiling of soil and soil treatment facility

Construction: January - March 2020



ROADS & BRIDGES

AREA 10 – Cherry Street North

- Micro tunneling under Lake Shore
- Preloading

AREA 20 – North Cherry Street Bridge

- Bridge sub-structure & foundation
- Dockwall

AREA 21- South Cherry Street Bridge

- Site preparation – north abutment

AREA 11 – Cherry Street South

- Demolition & site preparation

AREA 12 – Commissioners Street West

- Road demolition & site preparation
- Preloading
- Relocation of existing utilities

AREA 22 – Commissioners Street Bridge

- Bridge sub-structure & foundation

AREA 15 – Commissioners Street East

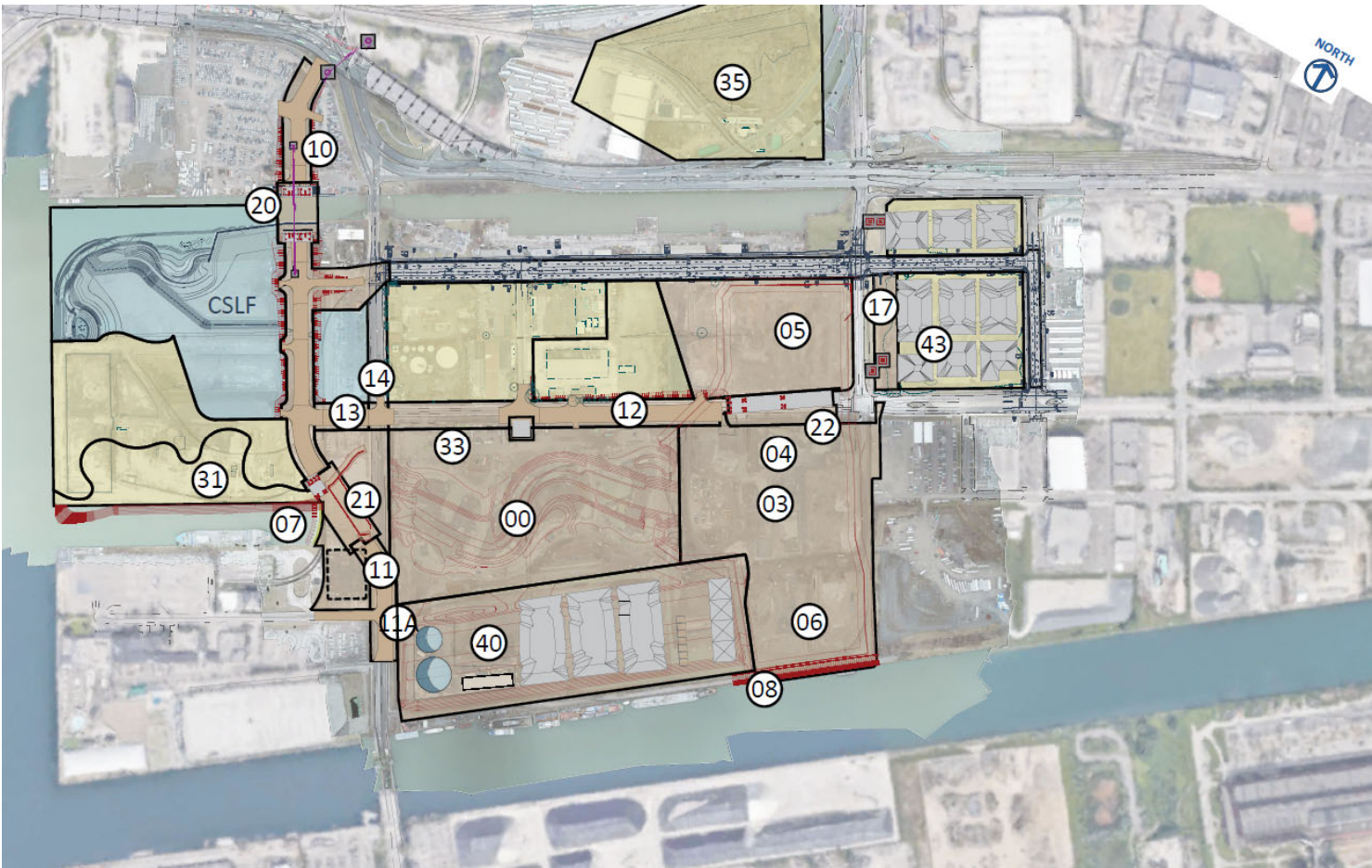
- Road demolition & site preparation

MONITORING (SITE-WIDE):

- Air, dust, noise, odour, weather
- Turbidity
- Surface-water quality
- Vibration
- Soil and groundwater

Upcoming Construction Work

Upcoming Construction: April – June 2020



EARTHWORKS

AREA 00 – River Valley

- Cut-off walls
- Dewatering
- Excavation

AREA 03, 04, 05 & 06 – River Valley

- Cut-off walls

AREA 07 – West Plug

- Temporary dock wall installation
- Cut-off walls
- Shallow excavation

AREA 08 – South Plug

- Site preparation & sheet piling
- Excavation
- Demolition of existing dockwall

AREA 35 – Sediment & Debris Management Area

- Tree removal
- Demolition & site preparation

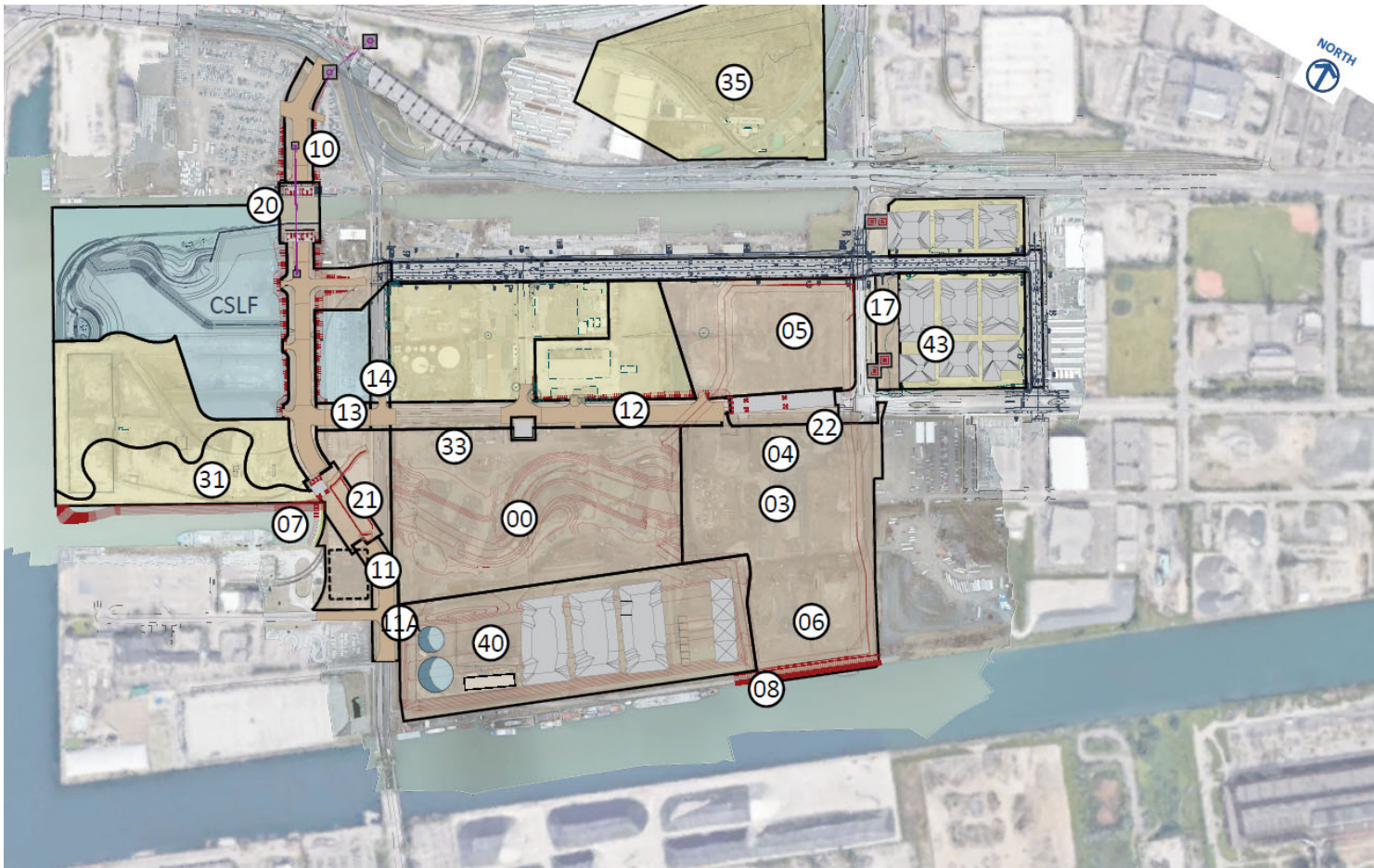
AREA 40 – Soil | Water Treatment Area & Stockpile Area #1

- Stockpiling of soil and soil treatment facility

AREA 43 – Don Roadway Valley Wall Feature

- Stockpiling of soil and soil treatment facility

Upcoming Construction: April – June 2020



ROADS & BRIDGES

AREA 10 – Cherry Street North

- Micro tunneling under Lake Shore
- Preloading

AREA 11 & 11A – Cherry Street

- Earthworks

AREA 12 – Commissioners Street West

- Road demolition & site preparation
- Preloading
- Relocation of existing utilities

AREA 13 & 14 – Commissioners & Cherry Street

- Earthworks

AREA 20 – North Cherry Street Bridge

- Bridge sub-structure & foundation
- Dockwall

AREA 21 – South Cherry Street Bridge

- Site preparation – north abutment

AREA 22 – Commissioners Street Bridge

- Bridge sub-structure & foundation

MONITORING (SITE-WIDE):

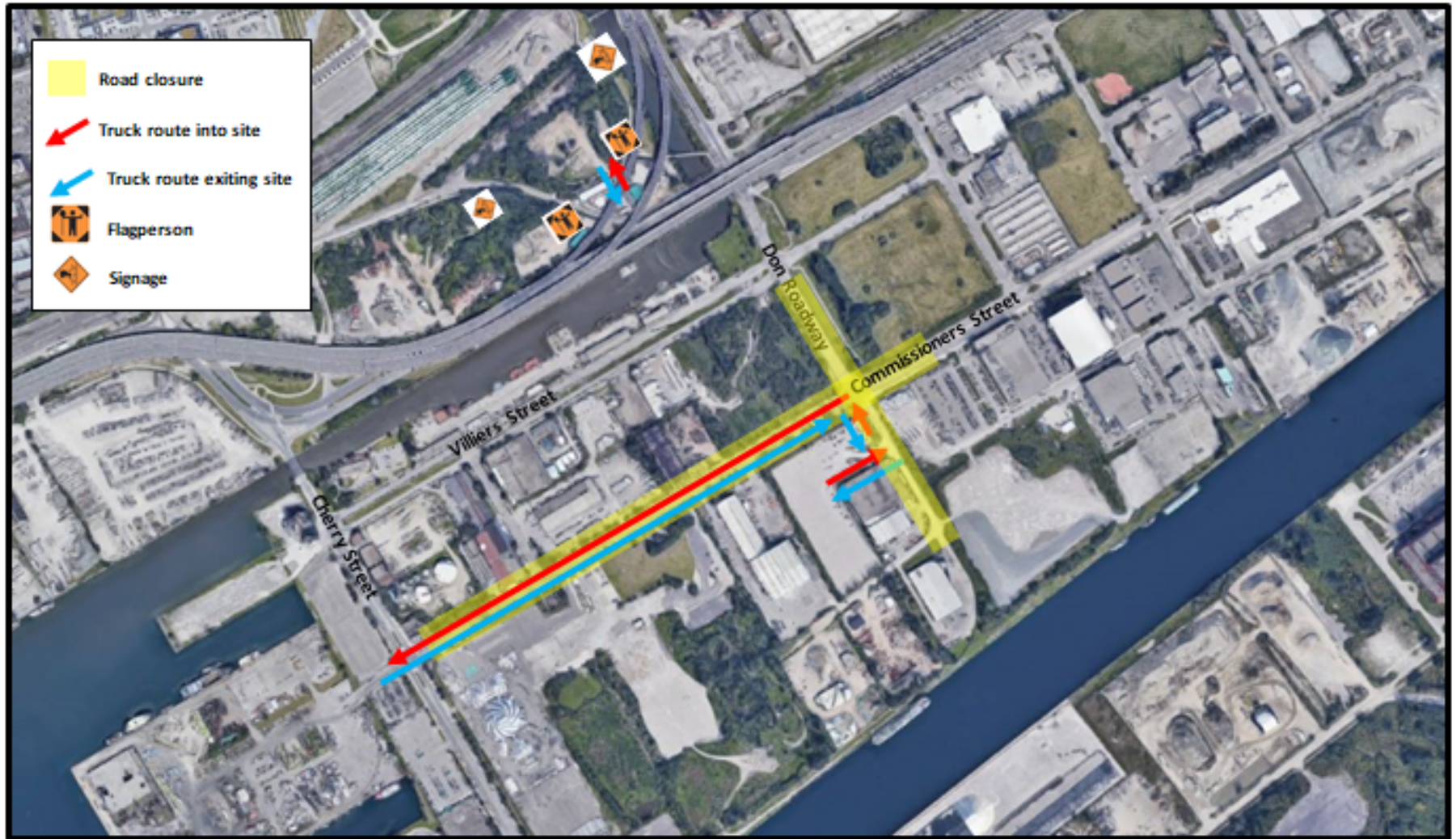
- Air, dust, noise, odour, weather
- Turbidity
- Surface-water quality
- Vibration
- Soil and groundwater

Traffic Management Plan – Inner Port Lands Area

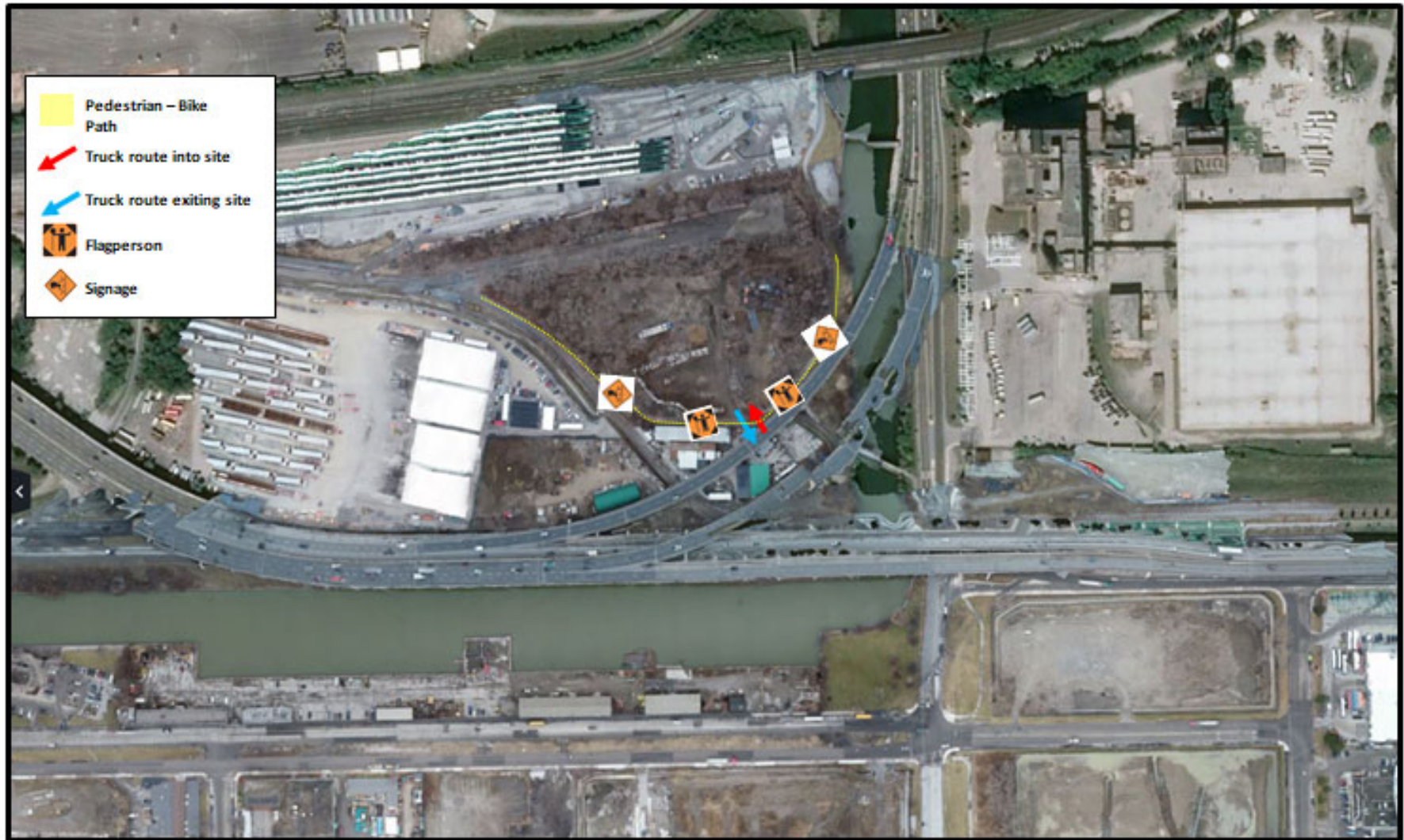
March 2020: Ongoing Closures Commissioners Street & Don Roadway



March 2020: Truck Routes – Overall



March 2020: SDMA Truck Routes



Sediment and Debris Management Area – Coordination



Metrolinx

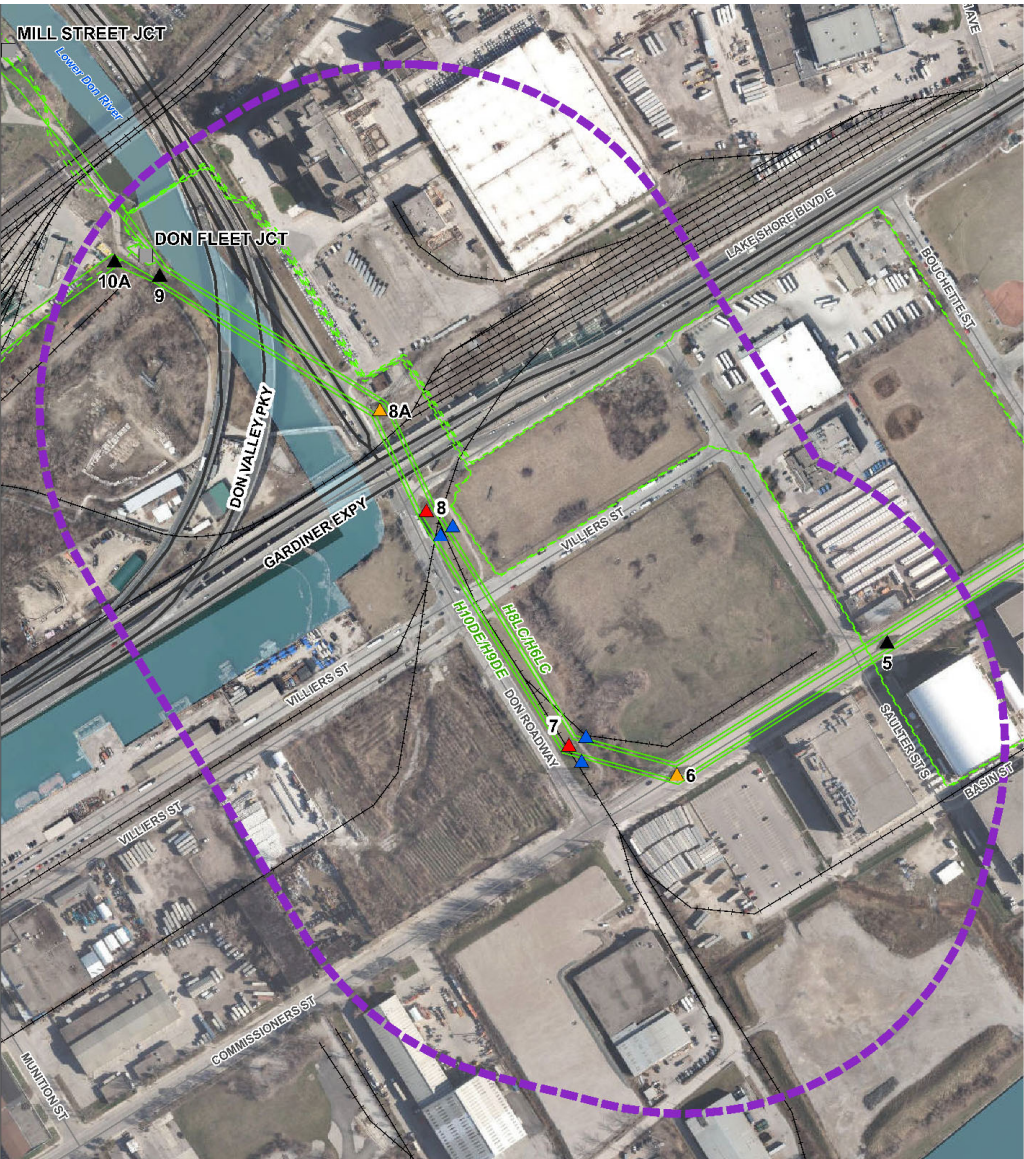
Metrolinx

City

Waterfront
Toronto

Lower Don Trail
– Summer 2020

Hydro One



hydro
one

Produced by: Ingrid LP, GIS Services
Date: Oct 31, 2019
MapID: 156_Villiers/FloodProtection/FP_GA_ortho

© Ingrid LP, 2019. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without prior written permission from Ingrid LP. This document is the property of Ingrid LP and is loaned to you for your use only. It is not to be distributed, copied, or otherwise used without the written consent of Ingrid LP. All rights reserved.

- ▲ Structure to be Removed
 - ▲ Structure to be Modified
 - ▲ Existing Structure
 - Junction
- Transmission Line**
- 115kV Overhead
 - - - 115kV Underground

- Road
- Highway
- Railway
- Watercourse
- Water

- ▲ Approximate Location of Proposed New Structure
- Class EA Study Area

Waterfront Toronto Port Lands Flood Protection Transmission Line Relocation: Class EA Study Area

1:3,000

0 50 100 m

North Arrow

Discussion and Feedback