PortsToronto BBTCA CLC
Meeting #40 – November 18, 2020

Appendix A – Meeting Agenda

Billy Bishop Toronto City Airport
Community Liaison Committee Meeting # 40

November 18th, 2020
6:30 p.m. – 8:30 p.m.

Call-In Details - Zoom Virtual Meeting

AGENDA

6:30 Log-In & Welcome (Jim Faught)

6:35 Review of Meeting Minutes (Jim Faught)

6:40 PortsToronto Updates (Gene Cabral)

7:00 Bathurst Quay Neighbourhood Plan Update (Bryan Bowen)

7:25 Airport Live Scale Emergency Exercise Overview on October 13th, 2020 (Mark Smith)

7:45 Nav Canada Update (David Purkis)

8:05 Noise Management Subcommittee and BQNA Air Quality Committee Update (Angela Homewood)

8:25 Business Arising

8:30 Adjourn

PortsToronto BBTCA CLC
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Appendix B – Bathurst Quay Neighbourhood Plan (BQNP) Implementation: Progress Update and Looking Ahead to 2021

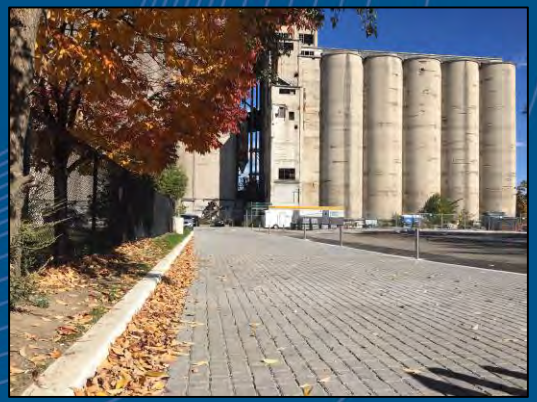
PLANNING A GREAT CITY
TOGETHER











BATHURST QUAY NEIGHBOURHOOD PLAN (BQNP) IMPLEMENTATION

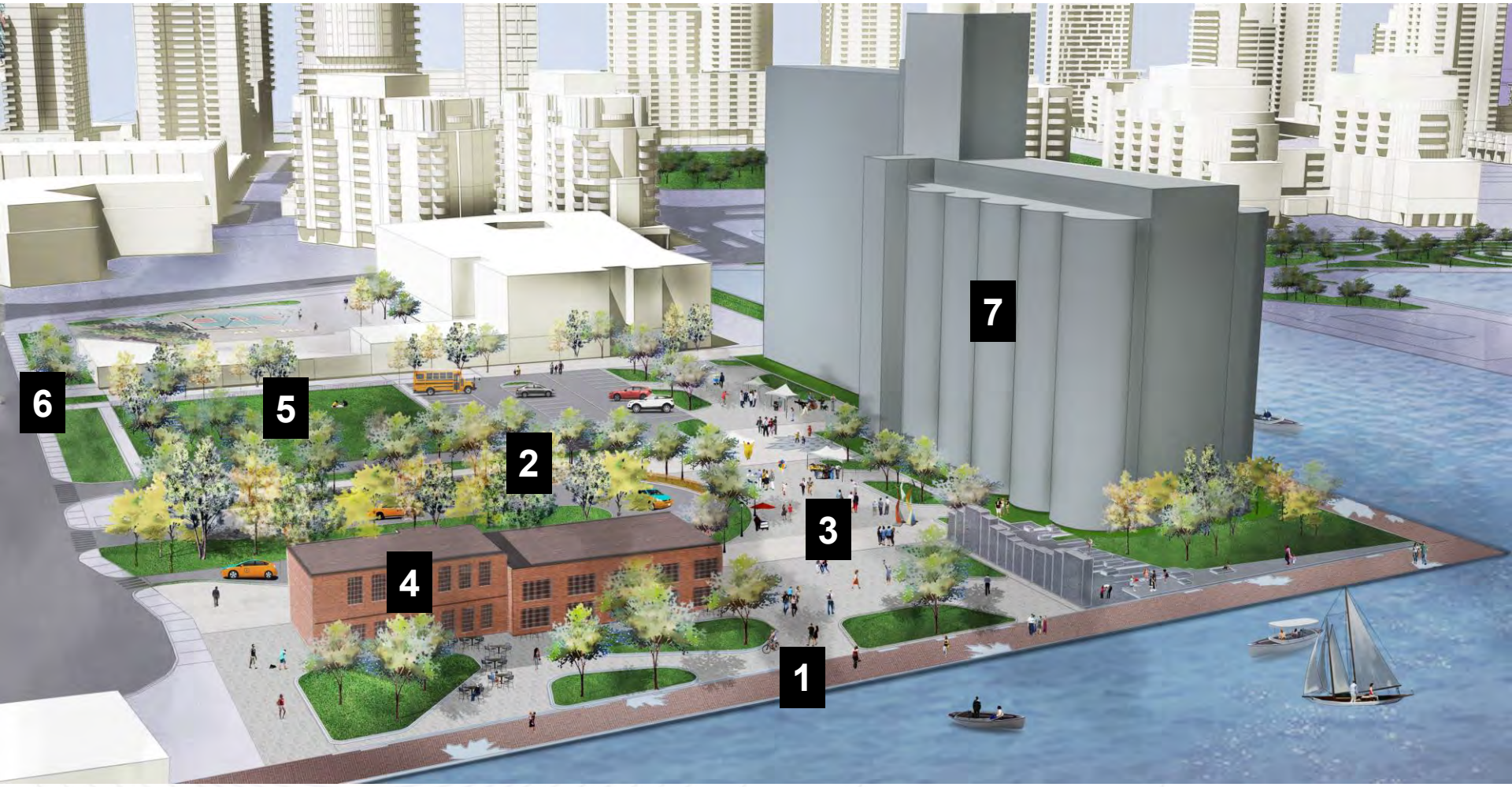
Progress Update & Looking Ahead to 2021

Bryan Bowen
City Planning – Waterfront Secretariat
November 2020

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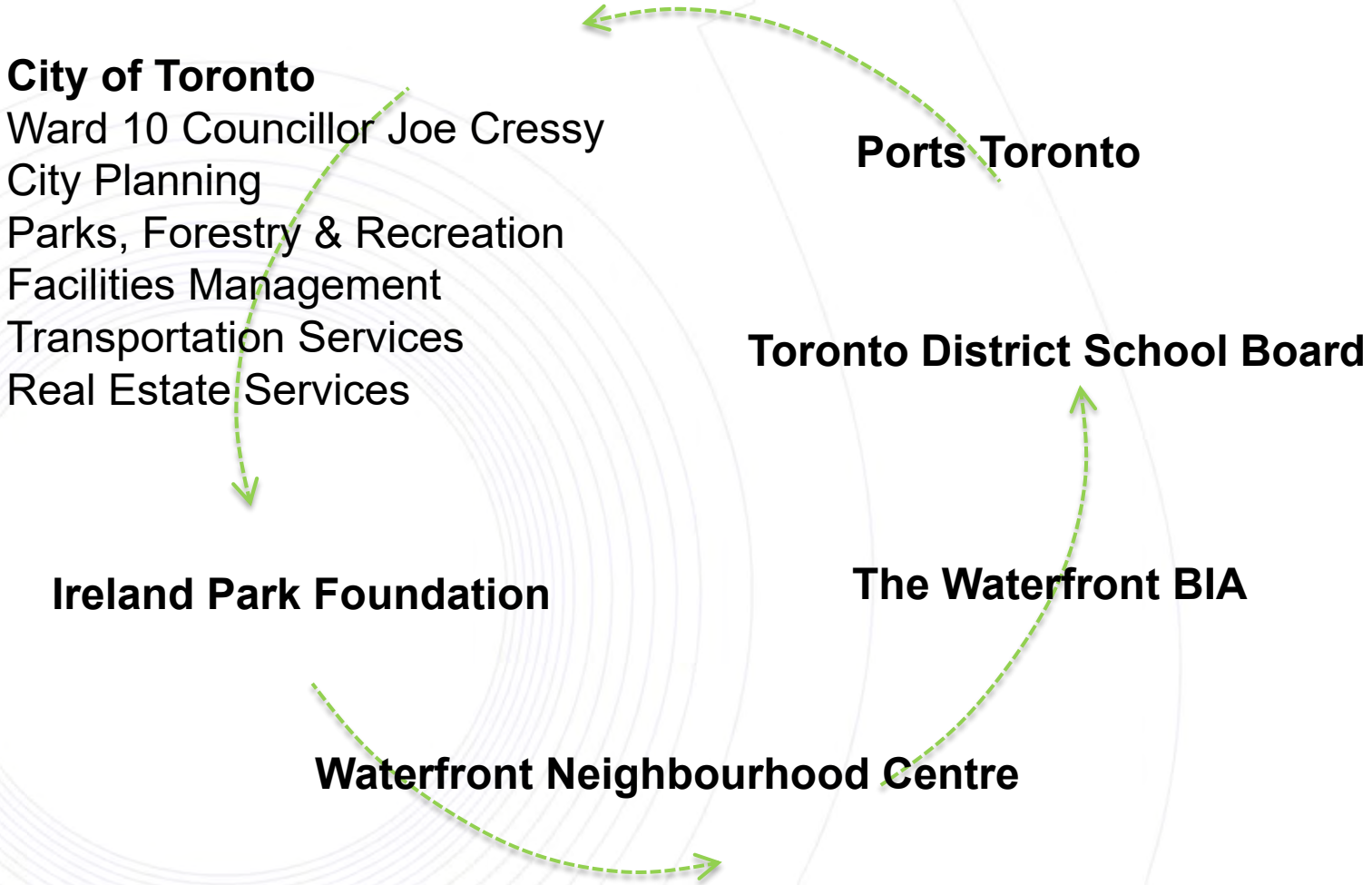
BATHURST QUAY NEIGHBOURHOOD PLAN

One Action-Oriented Plan. Seven Projects in Partnership.



ARTIST'S RENDERING OF PROPOSED IMPROVEMENTS

BQNP PROJECT DELIVERY PARTNERS



ONE YEAR SINCE GROUND-BREAKING!





Let's take a look at our progress:

- What's underway right now.
- What will be completed in 2020.
- What's happening in 2021.

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WHERE WE BEGAN: REMOVING BARRIERS & MAKING CONNECTIONS



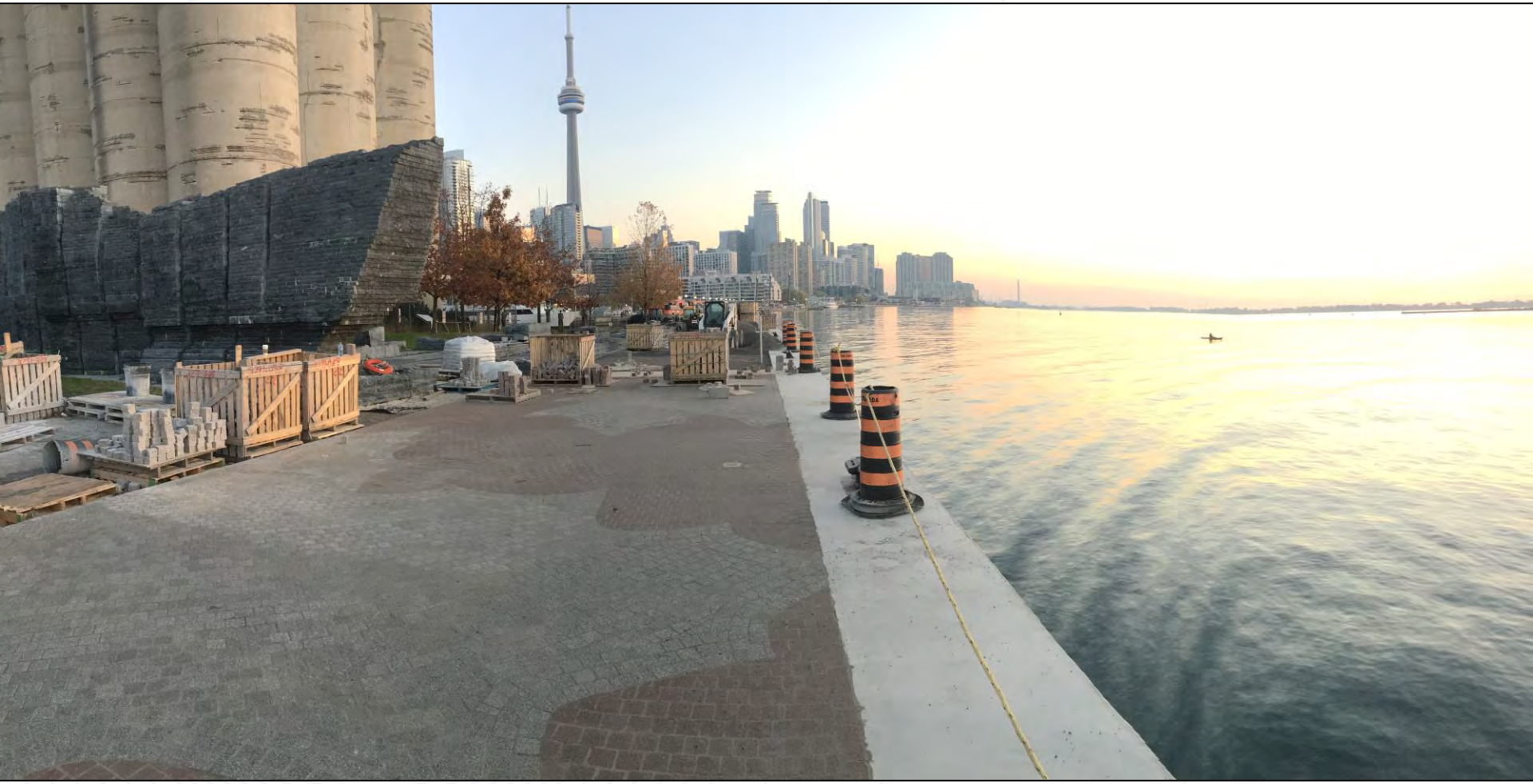
DOCKWALL & WATERFRONT PROMENADE



Three stages: Demolition (top image; complete);
Structural Rehabilitation (bottom image; complete) & Finishing (underway)

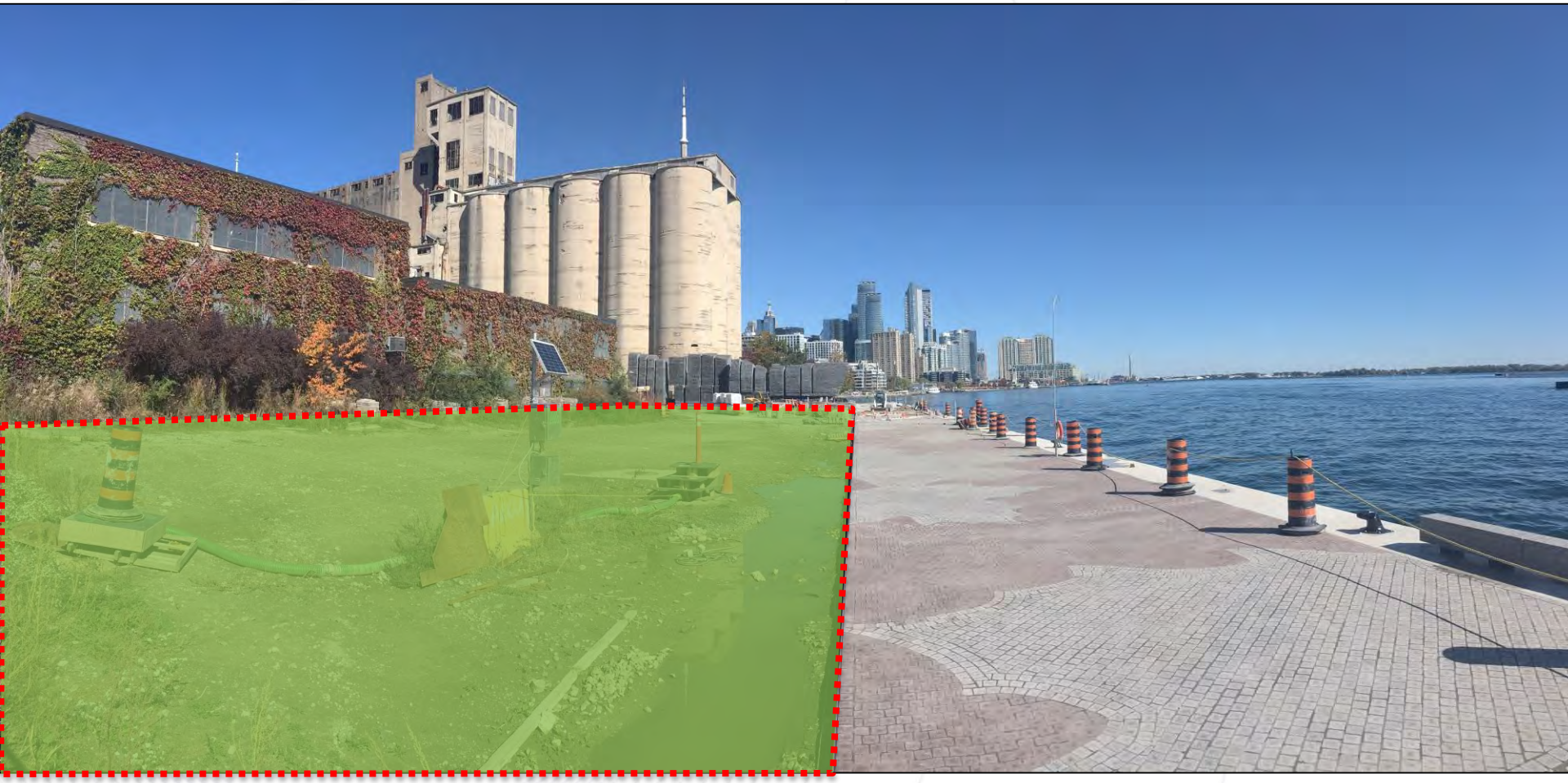


AN ICONIC SKYLINE VIEW FROM THE WATER'S EDGE PROMENADE



OPENING DECEMBER 2020

AN ATTRACTIVE & WELCOMING WATERFRONT PLAZA



CONSTRUCTION STARTING 2021

THE PLAZA: A FOUR SEASON DESTINATION AND CULTURAL EVENT SPACE ON THE WATER







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THE CORLECK BY IRELAND PARK FOUNDATION



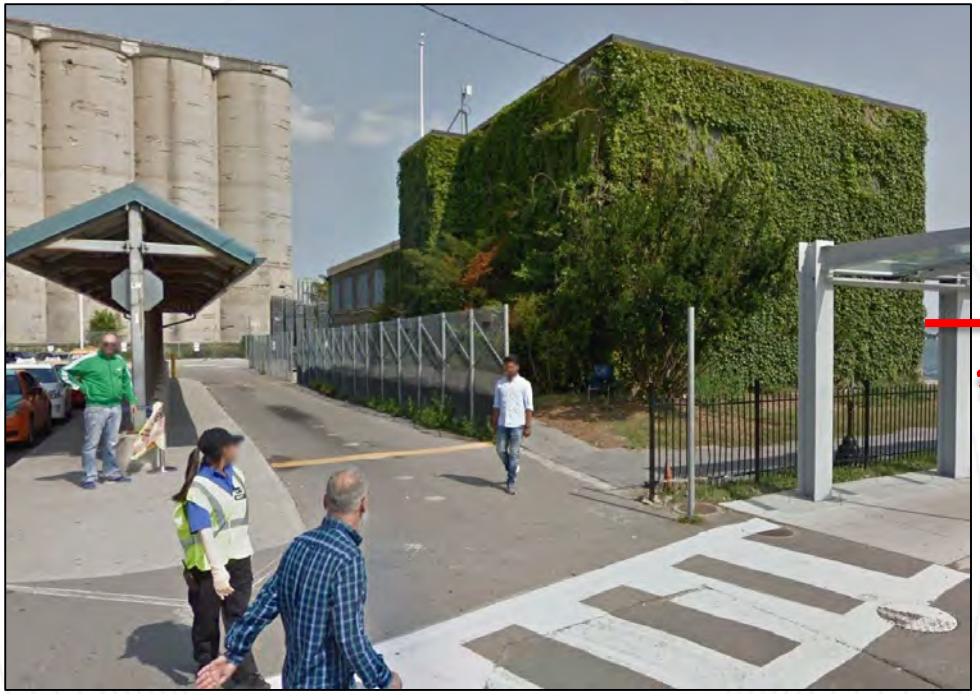




Kearns Mancini Architects

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A FORECOURT FOR THE CORLECK AND NEW CONNECTION TO IRELAND PARK



Before: Poorly defined edges and connections



In progress: landscaped pedestrian connection

BEFORE: CANADA MALTING CO. SITE WAS NEGLECTED & INACCESSIBLE







BEFORE: THE SILOS FROM EIREANN QUAY

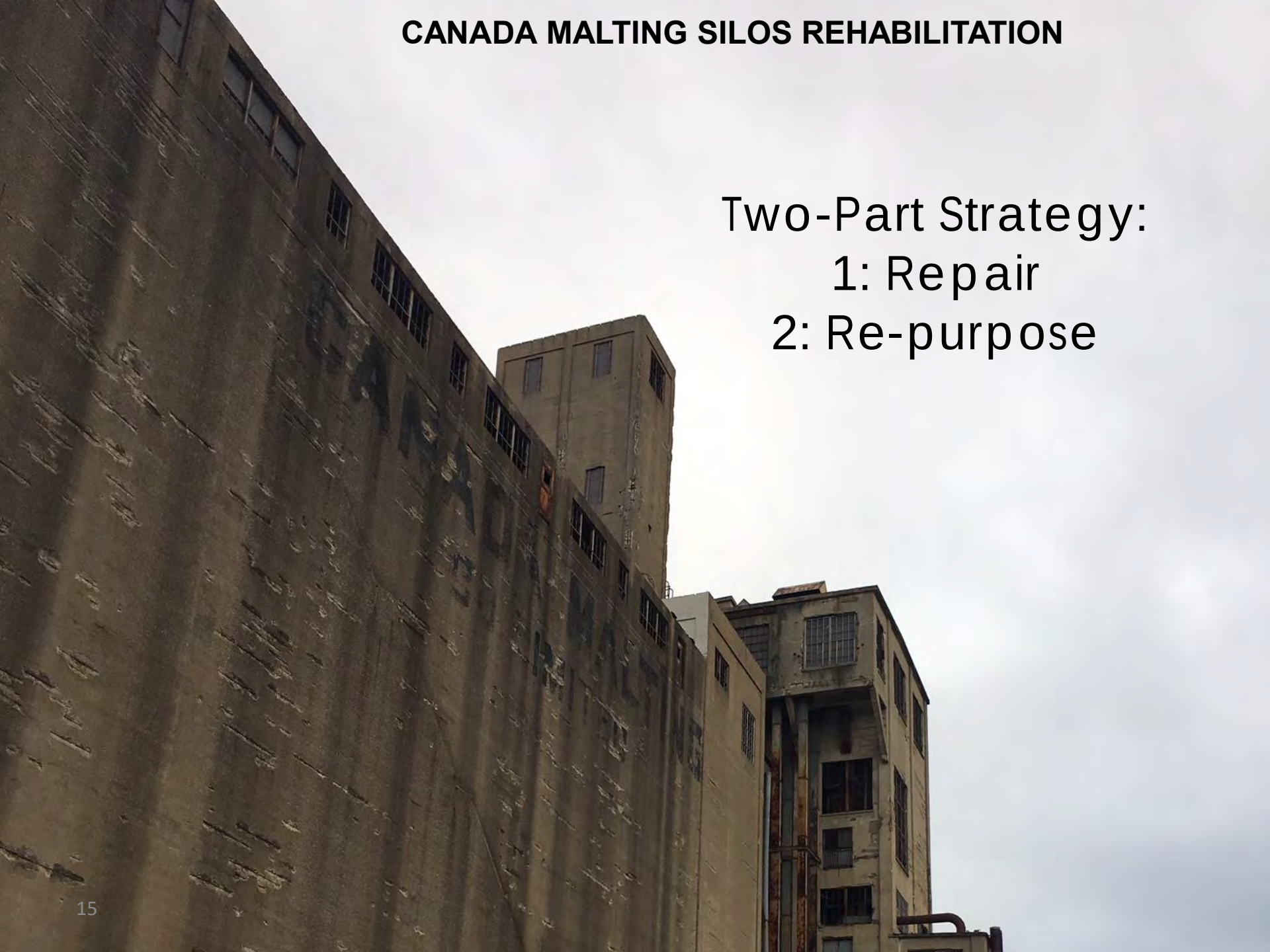


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IN PROGRESS: A PEDESTRIAN PATHWAY THROUGH THE HISTORIC MALTING SILOS



CANADA MALTING SILOS REHABILITATION



Two-Part Strategy:
1: Repair
2: Re-purpose

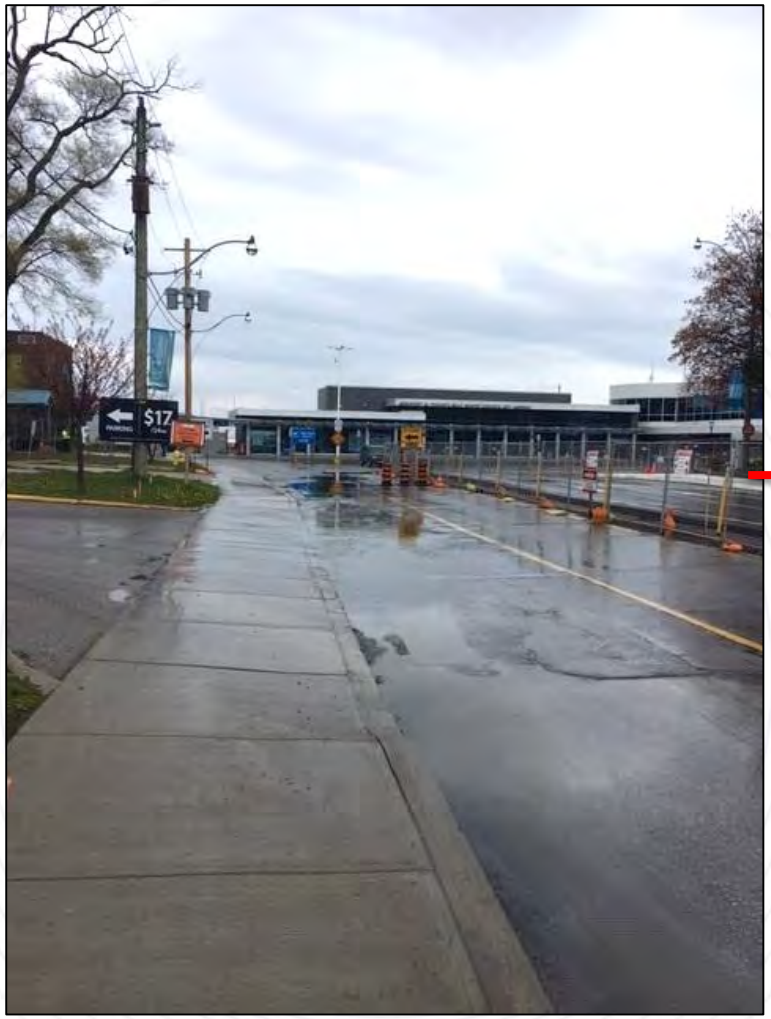
CANADA MALTING SILOS REHABILITATION

Part 1: Repair
2019: Updated condition assessment
2020: Detailed engineering work
2021: Construction begins

Part 2: Repurpose
2020: Develop EOI
2021: Launch EOI/RFP Process
TBD: Select Re-use Partner(s)



EIREANN QUAY STREETSCAPE IMPROVEMENTS



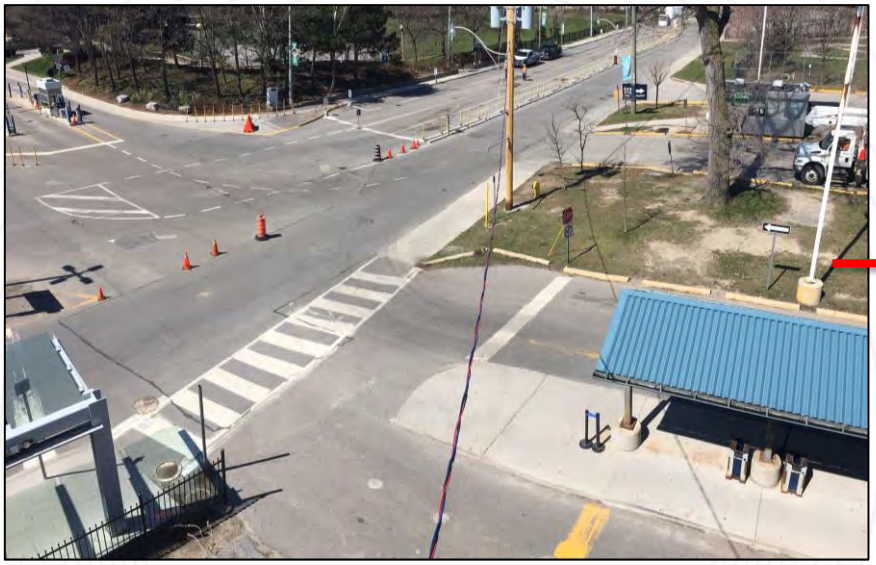
Before: Eireann Quay



In progress: pedestrian-focused redesign

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EIREANN QUAY STREETSCAPE IMPROVEMENTS



Before: poorly defined edges



In progress: strengthened pedestrian connections

PLANNING UNDERWAY FOR PEDESTRIAN PARKETTE AND GATEWAY MURAL









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Overview of key dates

1. Promenade: Fall 2020 completion.

2. Transportation: Fall 2020 completion.

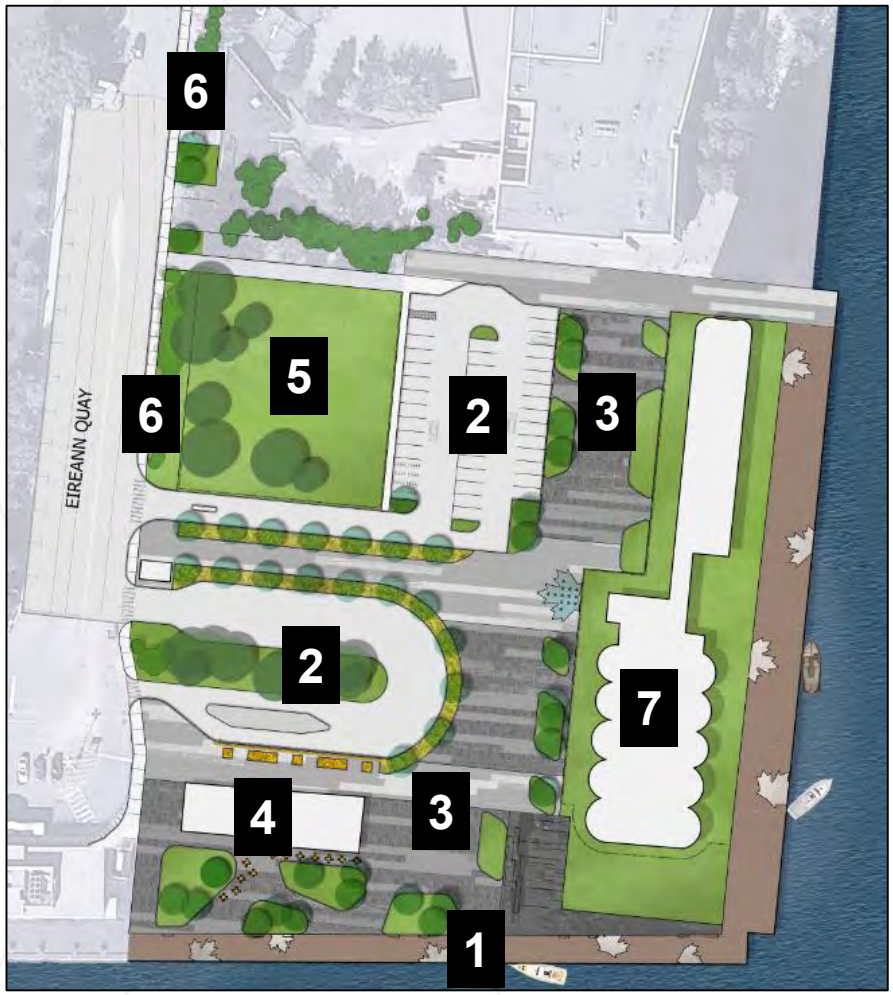
3. Plaza: Detailed design starting end 2020. Phase 1 (South) construction start in 2021.

4. The Corleck: 2021 construction start. 2022 planned Phase 1 opening.

5. Play field: 2021 design start.

6. Streetscape: Construction started and some improvements completed in 2020. Additional improvements start construction in 2021.

7. Silos rehabilitation:
Part 1: 2020 Design. 2021 construction start.
Part 2: EOI/RFP early 2021.



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BATHURST QUAY NEIGHBOURHOOD PLAN (BQNP) IMPLEMENTATION

Thank you!

Bryan Bowen
City Planning – Waterfront Secretariat
bryan.bowen@toronto.ca

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Appendix C – BBTCA Full Scale Safety/Security Exercise - October 13, 2020

2020 BBTCA Full Scale Safety / Security Exercise

October 13, 2020



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Exercise Participants

BILLY BISHOP TORONTO CITY AIRPORT FIRE EMERGENCY SERVICES

FIRE SERVICES TORONTO

TORONTO POLICE

TORONTO PARAMEDIC SERVICES

PROTECTIO SERVITIUM INTEGRITAS

FESTI

porter

NIEUPORT AVIATION

NAV CANADA

THE LOOMEX GROUP

PORTS TORONTO



Agenda

- Transport Canada Regulations
- Exercise Planning
- Exercise Objectives
- COVID 19 Safety Protocol
- Day of Exercise

PORTS TORONTO

Transport Canada Regulation

- The primary purpose of conducting a large-scale exercise is to meet the requirements of the Canadian Aviation Regulations 302.208 (3).
- The operator of an airport shall conduct full-scale exercises based on scenarios that relate to a major aircraft accident and, at a minimum, the exercises shall include the assembly and deployment of fire-fighting, policing and medical services organizations.”

Transport Canada Regulation cont.

- Annual exercise allows BBTCA to test the Emergency Response Plan (ERP), work with internal, external stakeholders, identify strengths and areas to improve the current plan.
- Identifying areas of improvement allows BBTCA to amend procedures and provide training to ensure airport safety and security needs.

Transport Canada Regulation cont.

Transport Canada issued exemptions due to the COVID 19 Pandemic.



Airport Full Scale / Tabletop Exercises 12 - 18 months

Airport Rescue Firefighting (ARFF) Certifications
12-30 months



Exercise Planning

- Emergency Planning and Incident Management is to top priority for BBTCA and our community.
- BBTCA proceeded with an Annual Live Exercise by combining a variety of regulatory requirements.
  - ARFF Recertification's
  - Security Tabletop Exercise
  - Full Scale Exercise



COVID 19 Safety Protocol

Participants Health and Safety was a key component in the planning of the exercise:

- Mandatory face covering
- Social distancing
- Temperature screening
- Contract tracing
- No live victims



Exercise Objectives

- Test the Airport's ERP, AVSEC and MARSEC Plan's.
- Test Aircraft Rescue and Firefighting (ARFF)
- Provide a platform for agencies to practice information exchange.
- Test interoperability between Airport Staff, Stakeholders and Mutual Aid.
- Test communication processes and systems.
- Fulfill obligations under Canadian Aviation Regulation.

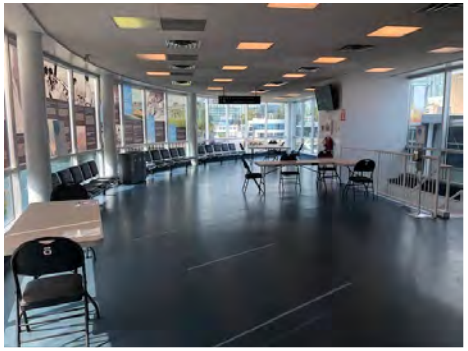
Day of Exercise











PORTS TORONTO

Day of Exercise

- Exercise spanned two hours simulating an aircraft incident (crash) within the Parklands.
- Simulation triggered a Mutual Aid Response consisting of:
  - BBTCA ERS
  - Toronto Fire Services
  - Toronto Paramedics Services
  - Toronto Police Services

Day of Exercise cont.

In addition to evaluating BBTCA Regulatory Requirements, areas tested consisted of:

1. Emergency Operations Centre (EOC)
   - Deployment of Incident Management (IMS)
     - Functional approach to managing an incident and or event
2. Technology
   - Virtual EOC
3. Communication Interoperability
   - Unified Command
   - Site to EOC Communications

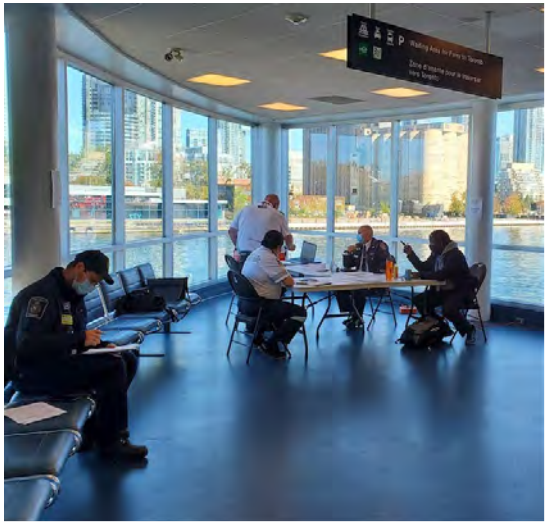


Day of Exercise cont.

4. Airport Emergency Response
5. Rescue and Recovery Strategies
6. Public Safety
7. Media Communications







Observations of Exercise

- All on-site responding agencies worked well together.
- Airport Emergency Operations Centre was established quickly.
- Incident Action Plan was developed in the early stages of the incident.
- Good media communications.
- Excellent teamwork observed by all organizations in the EOC.

Challenges Observed

- Our biggest challenge, not only for BBTCA is Virtual Technology. COVID 19 has tested everyone's technical abilities.
- Virtual platforms for meetings and presentation is the way of the future, everyone has been forced to adapt.



Summary

- Billy Bishop Toronto City Airport is committed to exceeding the requirements of Transport Canada through Safety / Security Exercises and enhancing partnerships with stakeholders, responding agencies, to the airport.

Commitment, Pride, Readiness



PORTS TORONTO

Appendix D – NAV Canada Operations: The Effects of the Pandemic on Traffic Patterns



2020-11-18

NAV CANADA OPERATIONS

The Effects of the Pandemic on Traffic Patterns

David Purkis
Manager Air Traffic Operations-Airports
Toronto FIR

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TRAFFIC IN CANADIAN SKIES

Canada is at a crossroads for Aviation

- Alaska Routes
  - U.S and Asian Cargo
- European Routes
  - These flights head out to the Atlantic tracks
- Domestic Routes
  - Large distances will low competition
  - Some smaller remote markets served
- Asian market
  - Travelling over the polar regions
- Cross Border
  - Tourism and business travel
- U.S to U.S Domestic.
  - Southern Ontario mainly affected

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THE COVID EFFECTS ON TRAFFIC

Early Reaction

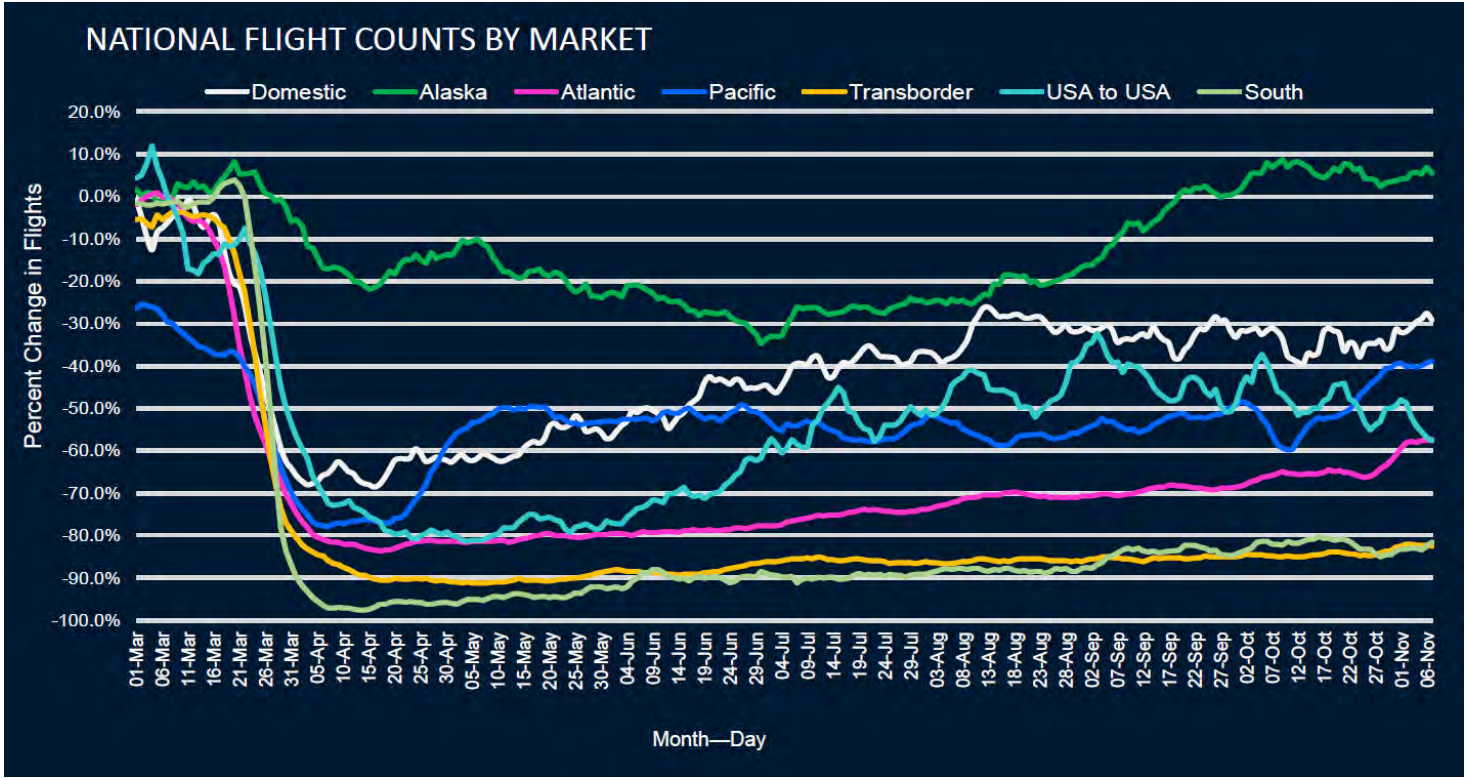
- Caution in the industry in early 2020
- U.S to Europe market effectively shut down
- Quarantine Act imposed
- Domestic Lockdowns.

New normal

- Only essential travel occurring…
- Quarantines still largely in effect and variable
- Some traffic levels have recovered, some have not
- Still seeing seasonal patterns

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The National Effect on the Industry



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SEASONAL PATTERNS

- Weather
  - Snow and poor winter weather limit flying more than rain in summer
- Daylight hour
  - Longer daylight hours promote flying. Night flying not as common
- Equipment limitations
  - Aircraft must have more substantial equipment to fly in snowy and bad winter weather
- Insurance
  - How many times do you fly versus putting the corvette in storage?
- Free time
  - More vacation time in summer months and more freedom for families
  - Fuller Airline schedules and higher demand

Seasonal Patterns



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COVID EFFECTS ON AIRPORTS

- Initial effects were severe due to lock downs
- Effects have eased
- The broad industry has generally started to or has returned to normal

Pandemic Effect

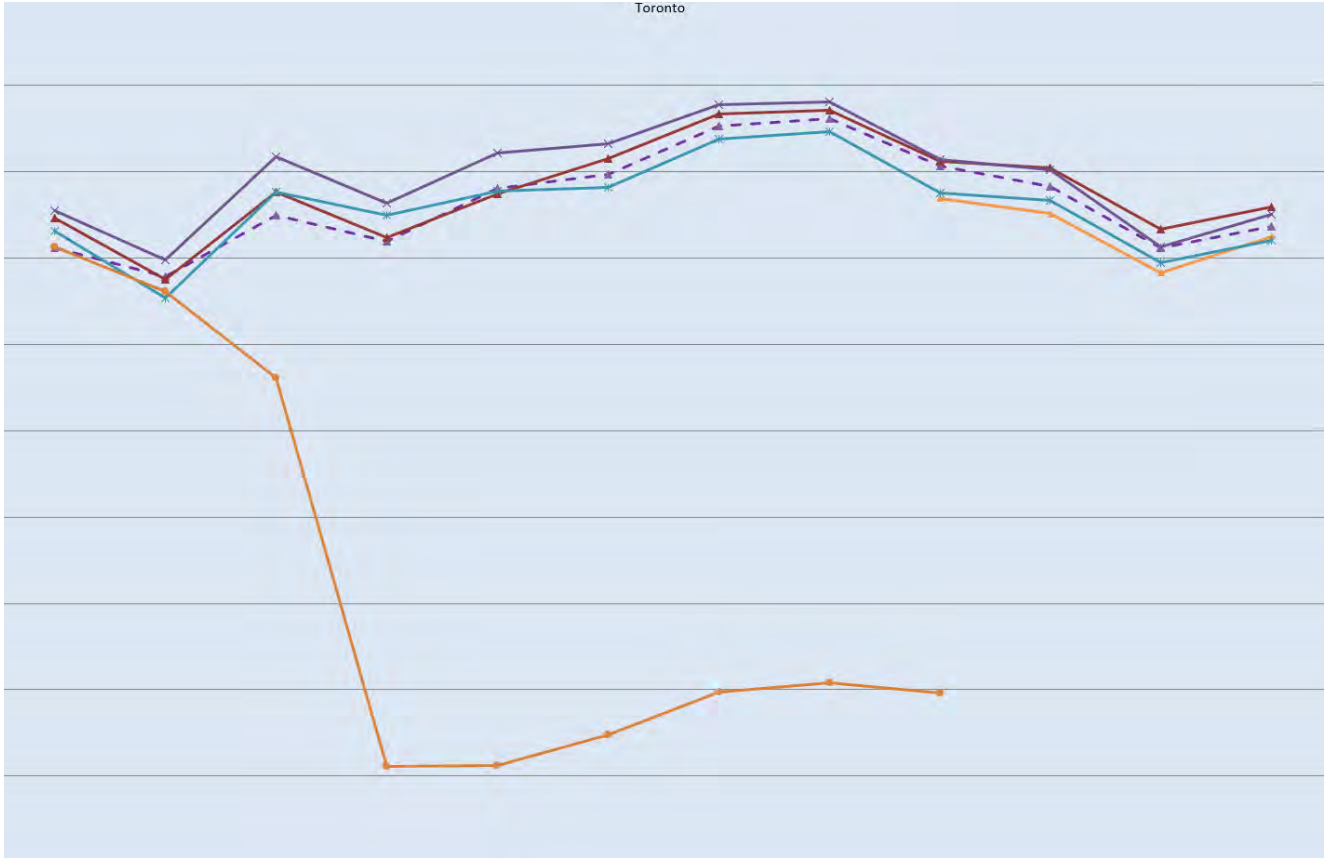


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MAJOR INTERNATIONAL AIRPORTS

› Major airports and Airlines in the headlines are the main story and are far from normal.

The industry In the Headlines



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REGIONAL AIRPORTS

- Small airline base
  - Not many flights
- General aviation (private aircraft owners)
  - High numbers of individuals
- Flight schools and rentals
  - Consistent demand and customer base
- Medevac and Military
  - Not high numbers but always present

- Is the regional industry back to normal? Not entirely.

Local Effect



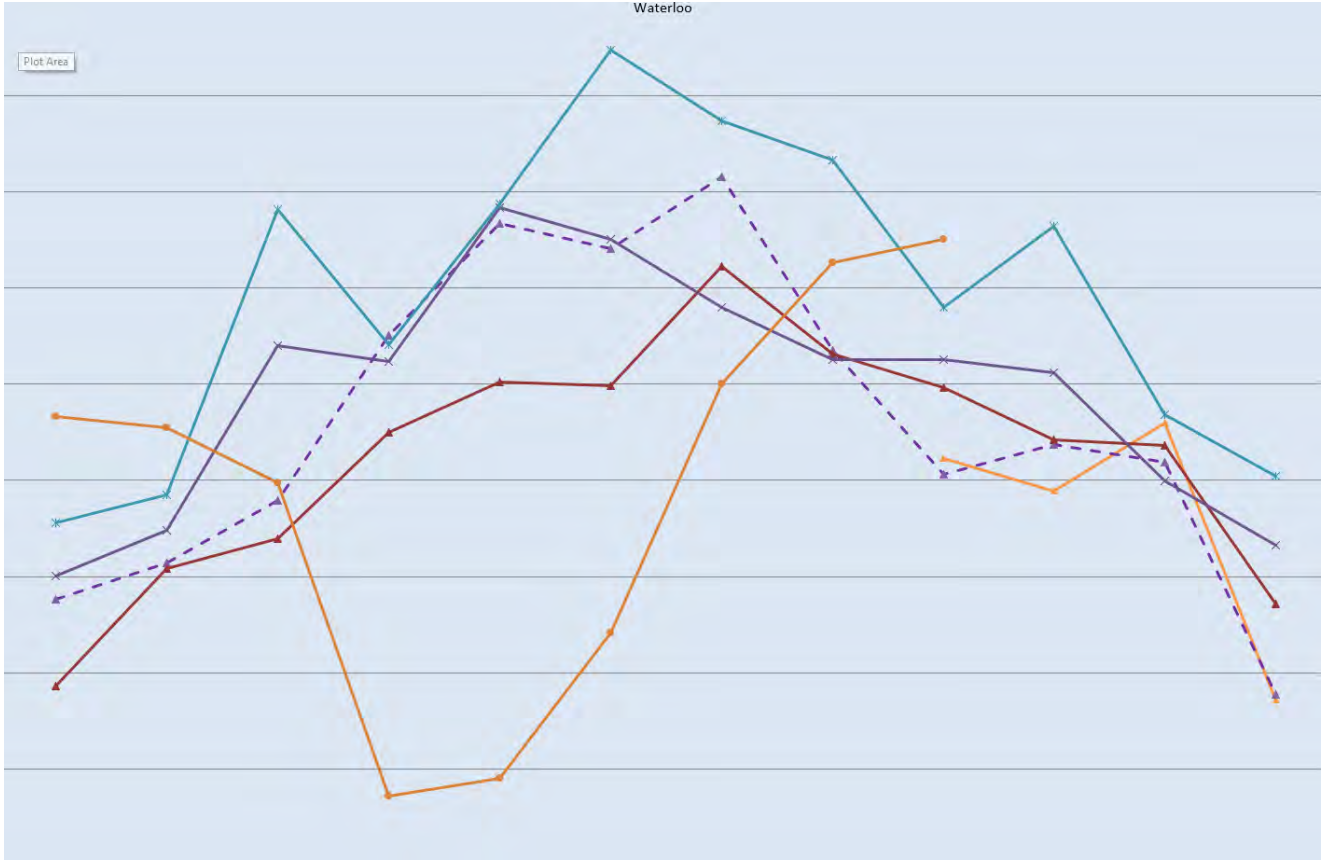
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Other Airports Back to normal?



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Other Local Airports



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LOOKING FORWARD

- Vaccine- Is it the cure to the industry?
- Rapid testing-Scalable to support pre COVID travel?
- Industry Supports – Solid footing or just a bridge to a new consolidated industry?
- More lockdowns?

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THANK YOU

David Purkis
Manager Air Traffic Operations-Airports

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