

Brampton Riverwalk Urban Design Master Plan

Public Information Session #2

March 17, 2021



Agenda

6:30 pm

Welcome, land acknowledgement, agenda review, introductions

6:40pm

Overview presentation

City of Brampton and DTAH

Questions of clarification

7:10 pm

Discussion

1. What are your thoughts on the draft concepts and recommendations for the Riverwalk areas? Is there anything missing that you would like to see the team consider?
 - **Programming** (i.e. activities, features and facilities, events, initiatives)
 - **Sustainable Mobility** (i.e. active transportation – cycling, walking, transit – regional, high-order transit, local transit)
 - **Environment, Resilience, Sustainability & Public Health** (i.e. climate change adaptation and mitigation, environmental & ecological enhancement)
 - **Character and Identity** (i.e. arts, culture, heritage)
2. Any other feedback that you would like to see the team consider for the UDMP to ensure a vibrant and sustainable Riverwalk?

7:55 pm

Wrap up and next steps

8:00 pm

Adjourn

Panel Introductions

Elected Officials



Councillor Paul Vicente
Brampton City Council
Regional Councillor, Wards 1 & 5



Councillor Martin Medeiros
Brampton City Council
Regional Councillor, Wards 3 & 4



Councillor Rowena Santos
Brampton City Council
Chair, Community Services



Councillor Pat Fortini
Brampton City Council
Vice Chair, Public Works &
Planning Committees

City of Brampton



Michael Heralall
Senior Manager, Environment
Engineering Division / Public
Works & Engineering



Alex Taranu
Senior Advisor,
Public Works & Engineering



Stavroula Kassaris
Environmental Planner
Public Works & Engineering



Jake Mete
Interim Senior Manager, Park
Planning & Development

Consultants



James Roche
Partner, DTAH
Landscape Architect,
Design Lead



Tanya Brown
Senior Associate, DTAH
Landscape Architect,
Project Manager

What We Heard: Key Messages from Phase One

(Public Information Session, Online Survey #1 & ongoing stakeholder engagement & communications)

Interest to learn more about the UDMP, excitement about economic, social, and placemaking opportunities.

Suggested opportunities to explore

- Improve connections to the Riverwalk area
- Provide a safe and continuous north-south trail for pedestrians and cyclists
- Amenities (i.e. washrooms, benches, picnic areas) and more public programming/events
- More native species, clean up litter from riverbanks and bushes, maintain or improve habitats
- Improve the sense of safety

Questions about relationship to other plans, including:

- Downtown Flood Protection EA and Vision 2040
- Does the UDMP permit more development?
- Will this result in expropriation?

Specific suggestions for the 5 areas

- Duggan Park: Consider multiple/different activities in Duggan Park. The space is mostly used by baseball diamonds today.
- Central Public School Field: could be a good space for outdoor events and organized gatherings.
- Rosalea Park: suggest more play structures, outdoor amphitheatre; skating path(s); outdoor swimming; and community garden
- Etobicoke Creek Bypass Channel: Has unique charm and natural character because it is narrow and full of nature; and consider converting riverbed to natural
- Centennial Park: Consider flexible and other uses in the sports areas

Program Overview



Riverwalk Program: Overview

- Key infrastructure and transformative initiative for Brampton
- Open space, sustainability
- Integrating flood protection and revitalization
- Transforming a liability into a sustainable asset and attraction for economic growth
- Integrating with important initiatives and driving Downtown's and City's development



Vision advocacy video – see www.brampton.ca/riverwalk



Riverwalk Program: Work Components Overview



Unlocking Potential and Growth Riverwalk

Unlocking Downtown Brampton
(Artist rendering featured below)

FLOOD MITIGATION DOWNTOWN BRAMPTON

- 17,700+ PERSONS BENEFIT
- 23,800+ JOBS BENEFIT

RIVERWALK CONSTRUCTION

- adds \$256 MILLION to CANADIAN ECONOMY
- creates 2,200 FULL-TIME JOBS

RIVERWALK DEVELOPMENT

Key features include: CENTRE FOR INNOVATION, HERITAGE THEATRE BLOCK, PILOT INCUBATOR SPACE, ROGERS CENTRE FOR CARE, MAIN ST. & QUEEN ST. INTERSECTION.

Flood Protection Environmental Assessment (DBFP EA)

- Commenced in 2018 to seek solutions for flood protection in Downtown Brampton
- Led by Toronto & Region Conservation Authority (TRCA) in partnership with the City of Brampton
- Completed Summer 2020 and approved Sep. 3rd**

Urban Design / Open Space Master Plan (UDMP)

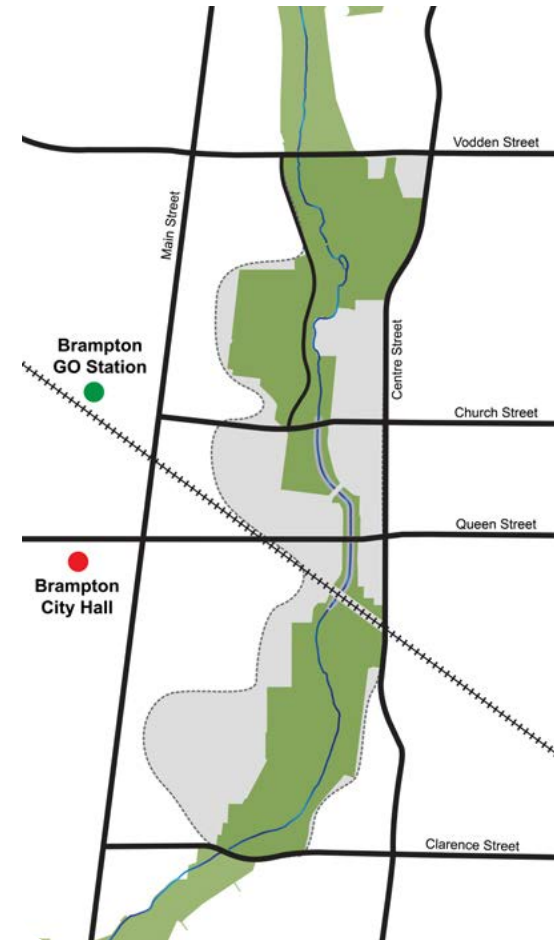
- Commenced in 2019 to complement the EA, led by City of Brampton
- Producing an overall master plan for open space, design concepts for the main parks, preliminary programming, integrates sustainability and resilience
- Draft UDMP, engagement and consultation Sep. - Oct. 2020**

Economic Development (2019)

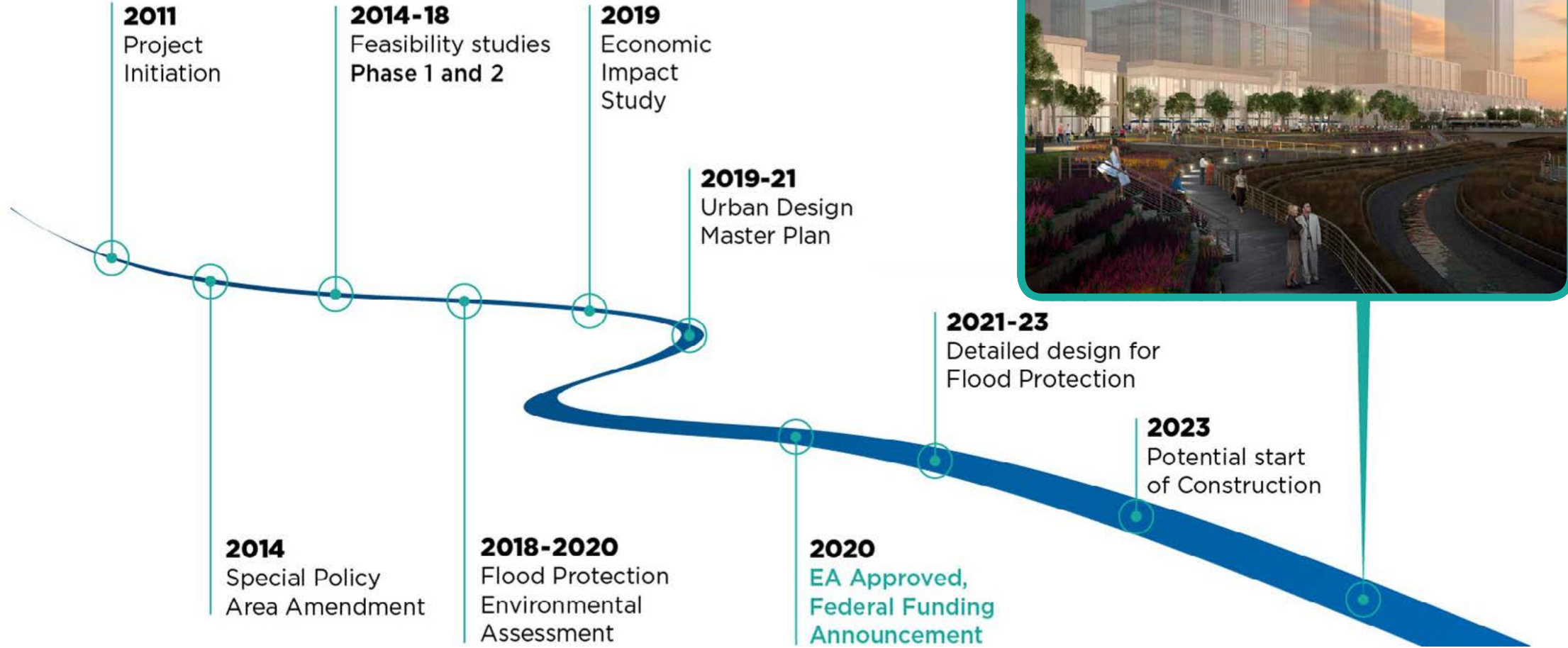
- Return on Investment Study (ROI)- identified economic benefits of unlocking development in downtown Brampton

Advocacy, Engagement

- Intense advocacy, communication, engagement
- \$38.5M from the federal Disaster Mitigation Fund
- \$5M Council approval of budget for Detailed Design
- Coordination with related projects in the area



Riverwalk Program: Timelines



Riverwalk Area Advocacy, Communication & Engagement

Broad engagement strategy

- Advocacy, communication, engagement activities: Web site, presentations, public events, outreach, walks
- **The Website:**
Overview, Flood Protection, Urban Design Master Plan pages
“Have your Say” engagement and communication information
Documents, frequently asked questions, gallery of images, video, Virtual Reality (VR)
Links to related sites (TRCA, history and heritage)
- Community outreach: delegations to committees, interest groups, CLT
- Public Information Session held Oct. 1st, 2020 – materials posted: www.brampton.ca/riverwalk
- Relies on collaboration, partnerships



Draft Master Plan Update

Riverwalk Area Advocacy, Communication & Engagement



Riverwalk Vision

The City Faces the River, The City Rediscovered the River

Riverwalk is Brampton's new riverfront, a continuous ribbon of open space that weaves through and intersects with the city's urban fabric.

Riverwalk will be a catalyst for city building, community building, ecology, resilience and sustainability.

For a Summary of Public Information Session #1, see: www.brampton.ca/riverwalk



Design Principles & Objectives

Integration & Intensification

- Redefine and urbanize Riverwalk edges.
- Integrate with surrounding neighbourhoods.
- Create a vibrant riverfront amenity, building on Flood Protection measures.
- Create strong urban connections



Programming & Recreation

- Increase recreational opportunities.
- Provide new pedestrian experiences
- Improve public realm and functionality.
- Encourage nature-based play and exploration.
- Encourage physical activity and wellness.



Links & Connections

- Connect major destinations along Riverwalk.
- Link bike lanes, streets and transit.
- Establish a hierarchy of pathways and trails that are accessible and safe.
- Establish loops and links to for a flexible and varied experience.



Protect, Preserve & Enhance

- Enhance terrestrial and aquatic habitat for native flora and fauna.
- Enhance responsible interaction with nature.
- Protect and preserve the most sensitive natural areas.
- Establish new view corridors, vistas and visual connections.



Sustainability & Resilience

- Exhibit sustainable best practices, innovative design and climate change leadership.
- Improve resiliency to climate change.
- Foster equity through project planning, design, community engagement and access to funding.



Discovery, Education & Interpretation

- Showcase the the natural and cultural heritage of the site.
- Develop clear and consistent wayfinding and interpretive signage.
- Provide opportunities for public art and other interpretive installations.



Character & Identity

- Enhance downtown and area character and establish a new destination identity for the Riverwalk.
- Create a range of natural to urban spaces
- Use place-making techniques: space definition, scale, edges, landmarks, scale, texture, views.

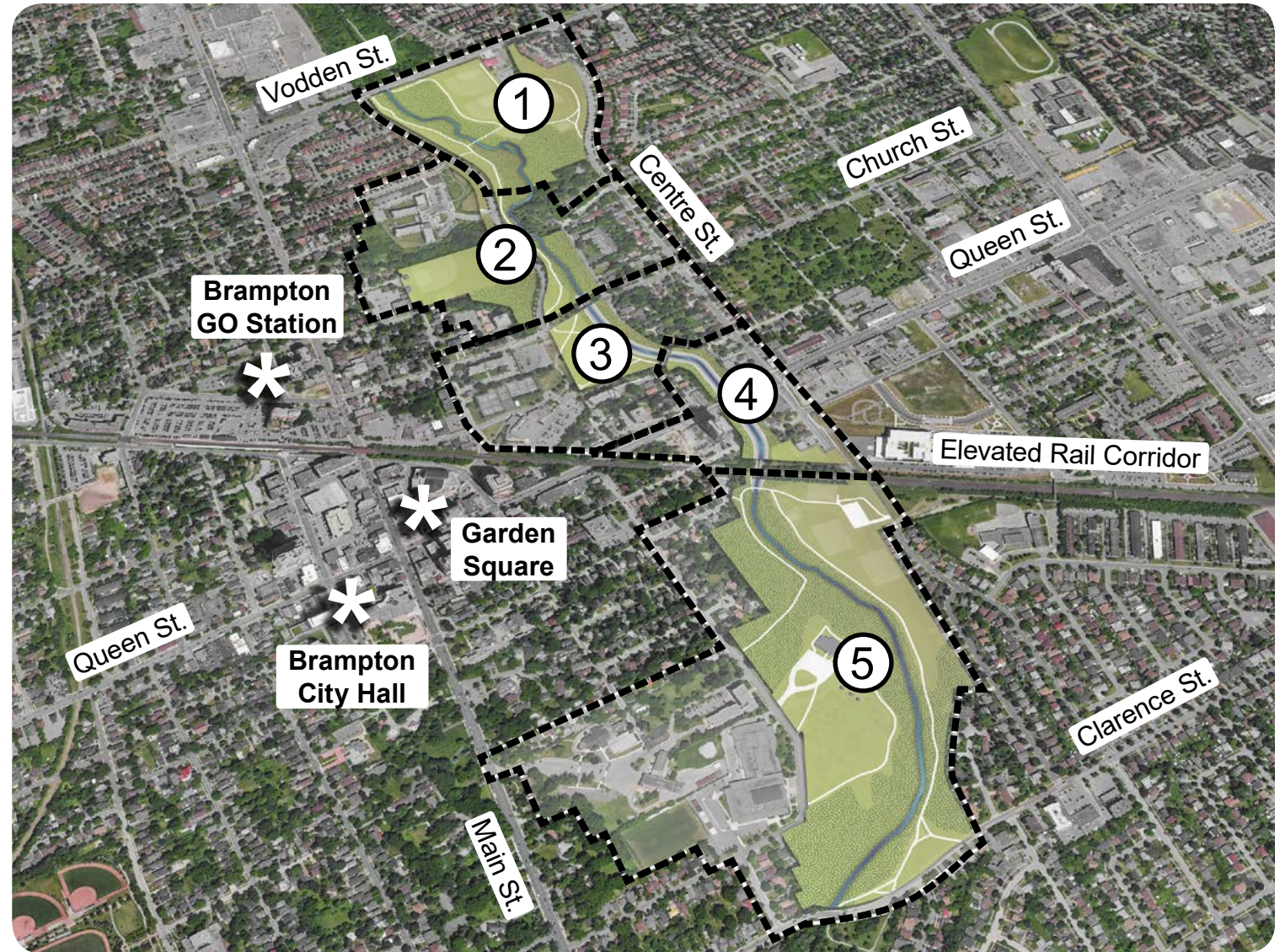


Draft Concepts Development

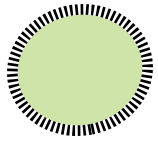
Study Area

The Riverwalk study area includes parks and open space, streets and other publicly-owned land within the Etobicoke Creek Valley. There are five distinct character areas identified within the Riverwalk study area.

The UDMP will provide direction for future open space uses, parks and amenities, active transportation and sustainable development.

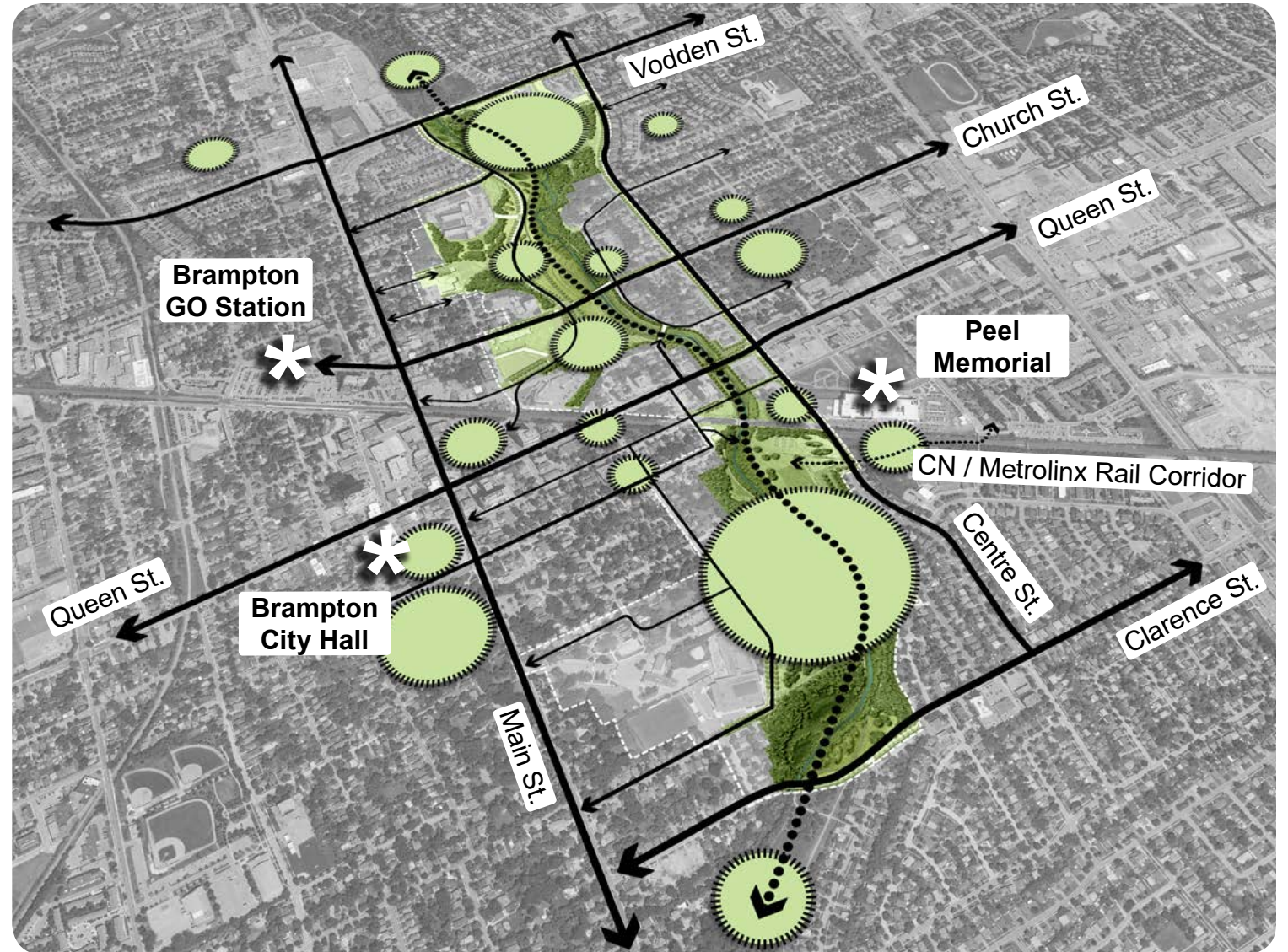


Riverwalk Open Space Network







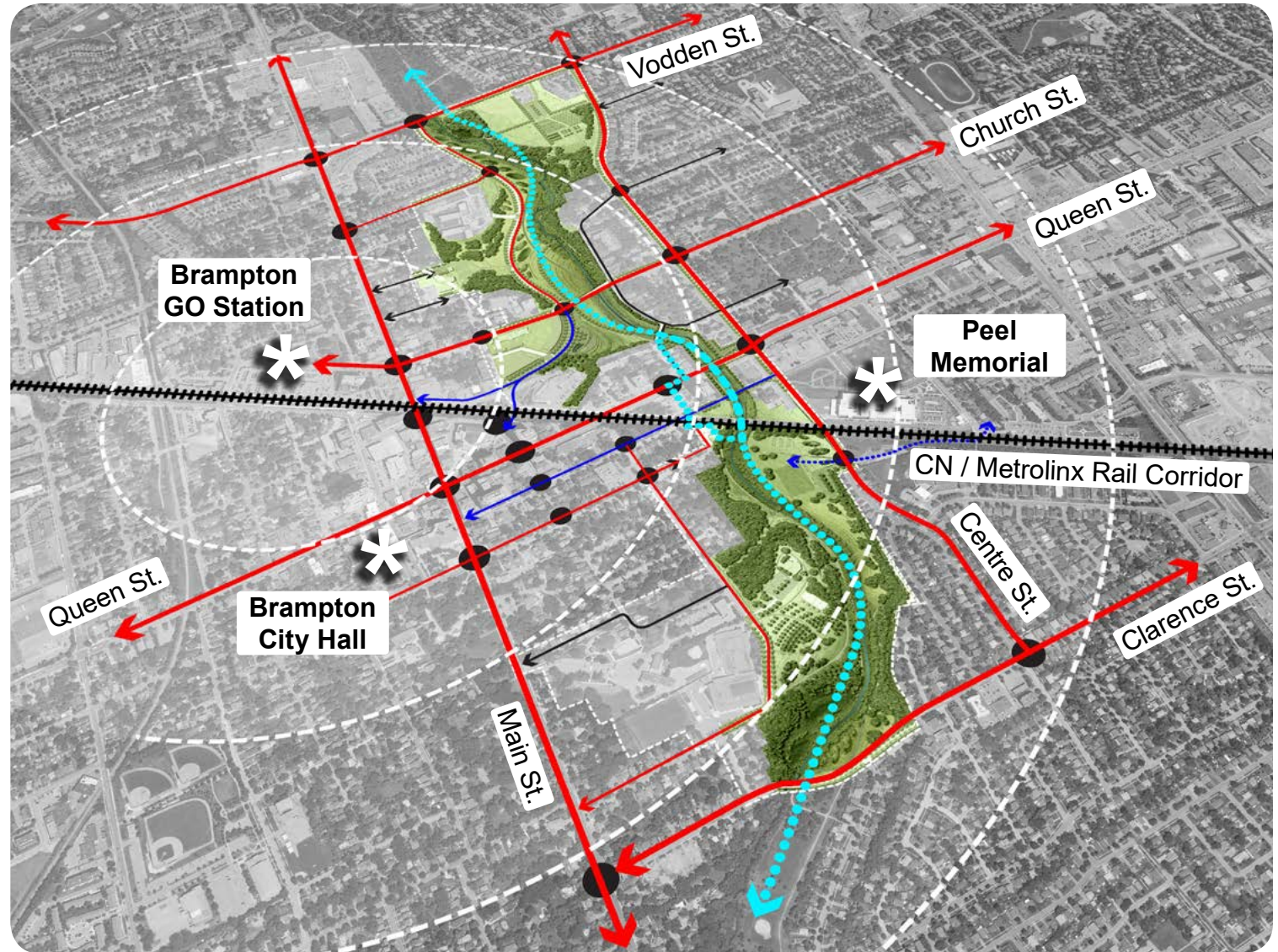
The Open Space Network Consists of:

- Public Parks within Riverwalk (Duggan Park, Rosalea Park, Centennial Park, Central Public School Fields, etc)
- Urban Public Spaces (Garden Square, Gage Park, Ken Whillans Square, etc.)
- Community Amenities (Community centres, CPS, YMCA, PAMA, Community Parks, Schools, Sports Fields, etc.)
- Naturalized areas







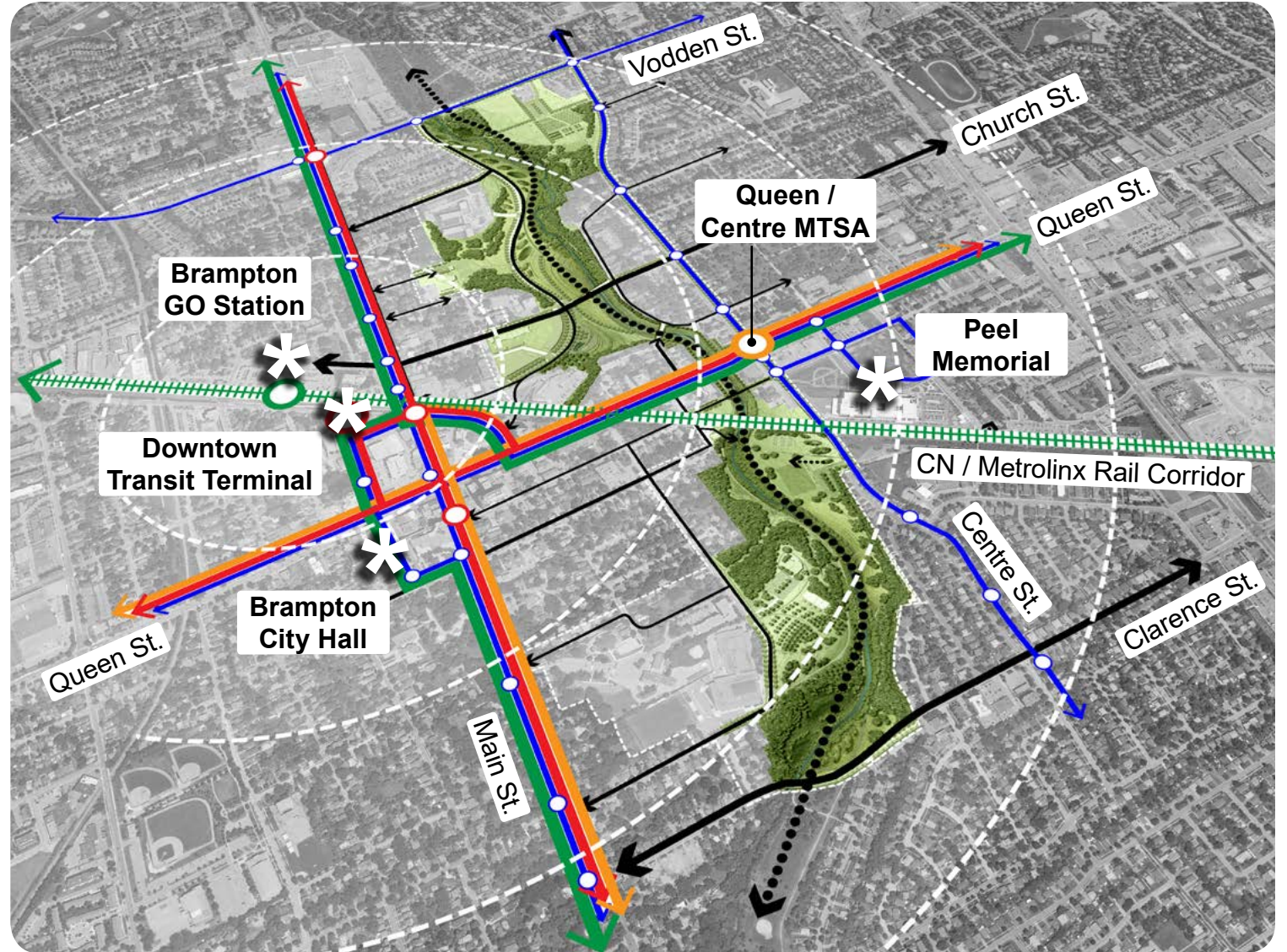
Riverwalk Active Transportation Network

-  Streets with Existing / Planned Bike Routes
-  Additional Bike Routes Opportunities (UDMP)
-  Etobicoke Creek Recreational Trail
-  Controlled Intersections



Riverwalk Public Transit Network

-  Metrolinx / GO Routes
-  Future Higher-Order Transit:
(Queen Street BRT / Main Street LRT)
-  ZUM Transit
-  City of Brampton Transit



Programming for All

- Create social places for people to meet & congregate
- Create programming that promotes equity within public spaces
- Promote interaction with nature
- Promote active living, active transportation accessibility, recreation
- Create new connections to the surrounding community
- Promote all-season outdoor activity
- Provide public amenities, site furnishings, lighting to encourage prolonged use of outdoor spaces

Flexible Space

- Provide enhanced trails and meadow landscapes to expand passive recreation opportunities.
- Create places for quiet observation and interpretation, provide seating and amenities.



Organized Sports

- Upgrade sport fields and courts to enhance usability and flexibility of open space within Riverwalk.
- Provide active recreation that appeals to all ages, including fitness circuits, pickleball, tennis, etc.



Nature-based Play

- Upgrade playgrounds in to provide nature-based play, integrated into site topography and landscape.
- Provide a engaging, challenging and integrated experience
- Integrate themes of ecology, habitat and wildlife.



Community Gardens and Urban Agriculture

- Introduce community gardens and potentially a larger-scale urban agriculture
- Opportunities for connections to the Downtown farmer's market.



John Arthur Carroll Memorial Arboretum

- Expand the arboretum in Centennial Park to include native tree species that can tell the story of the local landscape.
- Create partnerships for stewardship and education programs with the adjacent high school and community groups.



Seasonal Uses

- Provide shade structures in the major public spaces within the Riverwalk study area.
- Consider seasonal warming huts in order to create a 4-season space.
- Provide wind breaks and shelters in exposed areas to extend shoulder season use.



Sustainable Mobility: *Access and Arrival*

Public Transit & Higher-Order Transit

- Access to Riverwalk from local and Regional Transit.
- Provide transit shelters and amenities.



Pedestrian & Cyclist Priority Crossings

- Controlled intersections.
- Tabletop & raised crossings.
- Pedestrian & cycling crossings.



Shared Streets

- Consider streets with flexible uses
- Pedestrian priority.



Pick-Up / Drop-Off & Parking

- Focus on sustainable mobility, bike parking, & green parking lots.
- Provide access to adjacent parking amenities.
- Provide pick-up / drop-off.



Sustainable Mobility: Active Transportation

Multi-Use Paths

- Etobicoke Creek Recreation Trail.
- Connections to the broader trail network.
- Bi-direction paths for all active uses.



Enhanced Sidewalks

- Widened sidewalks.
- Enhanced materials in key areas / urban connections.
- Amenities, seating, waste receptacles, pedestrian-scale lighting.



Dedicated Bike Lanes

- On-street bike lanes.
- Buffered bike lanes.
- Protected bike lanes.



Bike Share / Other modes?

- Consider alternative means of sustainable mobility.
- Provide infrastructure to support these modes.
- Bike share stations, E-bike charging, etc.



Environment, Resilience, Sustainability & Public Health

UDMP EA Coordination

- The DBFP EA has already incorporated resiliency to future climate change which will accommodate 25% over the Regional Flood under current climate conditions.



Reduce Urban Heat Island

- As an open green space, Riverwalk will contribute to the mitigation of urban heat island effects.



Bioretention

- Intercept existing uncontrolled storm sewer discharges before they enter the creek.
- Use landscape features, planting and swales to treat stormwater runoff.



Promote Green Streets

- Reduce impermeable surfaces and infrastructure.
- Maximize low maintenance vegetation.
- Increase tree canopy along sidewalks.



Environment, Resilience, Sustainability & Public Health

Protect and Enhance Native Flora and Fauna

- Introduce more native trees, shrubs, flowers and grasses.
- Facilitate reforestation within the Creek Valley.
- Improve habitat for native birds and wildlife.



Improve Aquatic Habitat

- Improve water quality, increase aeration and reduce water temperature.
- Remove barriers to fish passage.
- Increase vegetative cover.



Provide access to Nature

- New pathways, boardwalks and lookouts.
- Provide interpretive and information signage.



Promote Active Living

- Provide nature-based play, outdoor fitness equipment and outdoor programming.
- Provide all-season access.
- Provide amenities for comfort in shoulder seasons (shade / wind breaks, warming huts, etc).



Character and Identity: Natural and Cultural Heritage

Cultural Programming

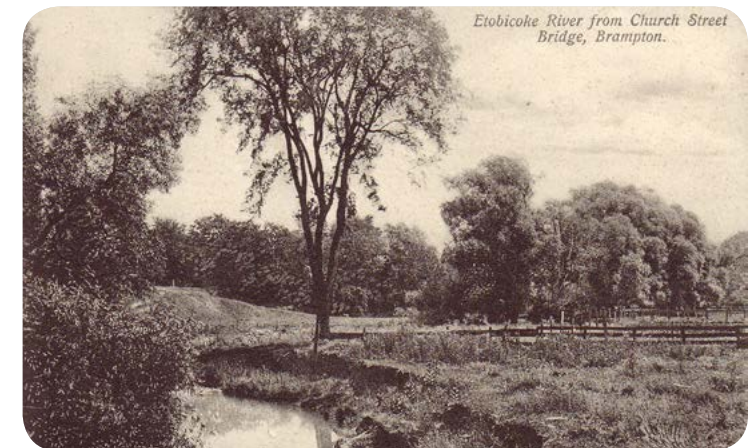
- Facilities and amenities (ex Central Public School).
- Structures, public art, installations, lighting, stories, education.

Placemaking Elements

- Character and identity elements: landmarks, views, vista/belvedere points, walking loops, tours
- Placemaking elements, scale, activities, events, attractions, supportive infrastructure

Heritage Integration

- Integrate built, natural, cultural resources (buildings, structures, landscapes, intangible / cultural elements).
- Physical and virtual interpretation.
- Indigenous cultural expression and inspiration
- Interpretation and commemoration (plaques, spaces, tours, events, etc).



Character and Identity: Landscape Features & Public Art

PAMA

- Collaborate with Peel Art Gallery & Museum Archives (PAMA)
- Provide educational and informational programming within Riverwalk.



New Landmarks

- Create new signature places and landmarks within Riverwalk.
- Buildings and Bridges
- Landscapes



Integrated Public Art

- Consider a program of permanent, integrated public art.
- Integrate Indigenous public art and design within Riverwalk.
- Consider pathways, walls, bridges and overpasses.



Temporary Public Art

- Provide opportunities for temporary & event-based art installations
- Themed / seasonal installations
- Opportunities to engage the community / local artists.



Draft Demonstration Plan

Area 1: Duggan Park

Big Moves

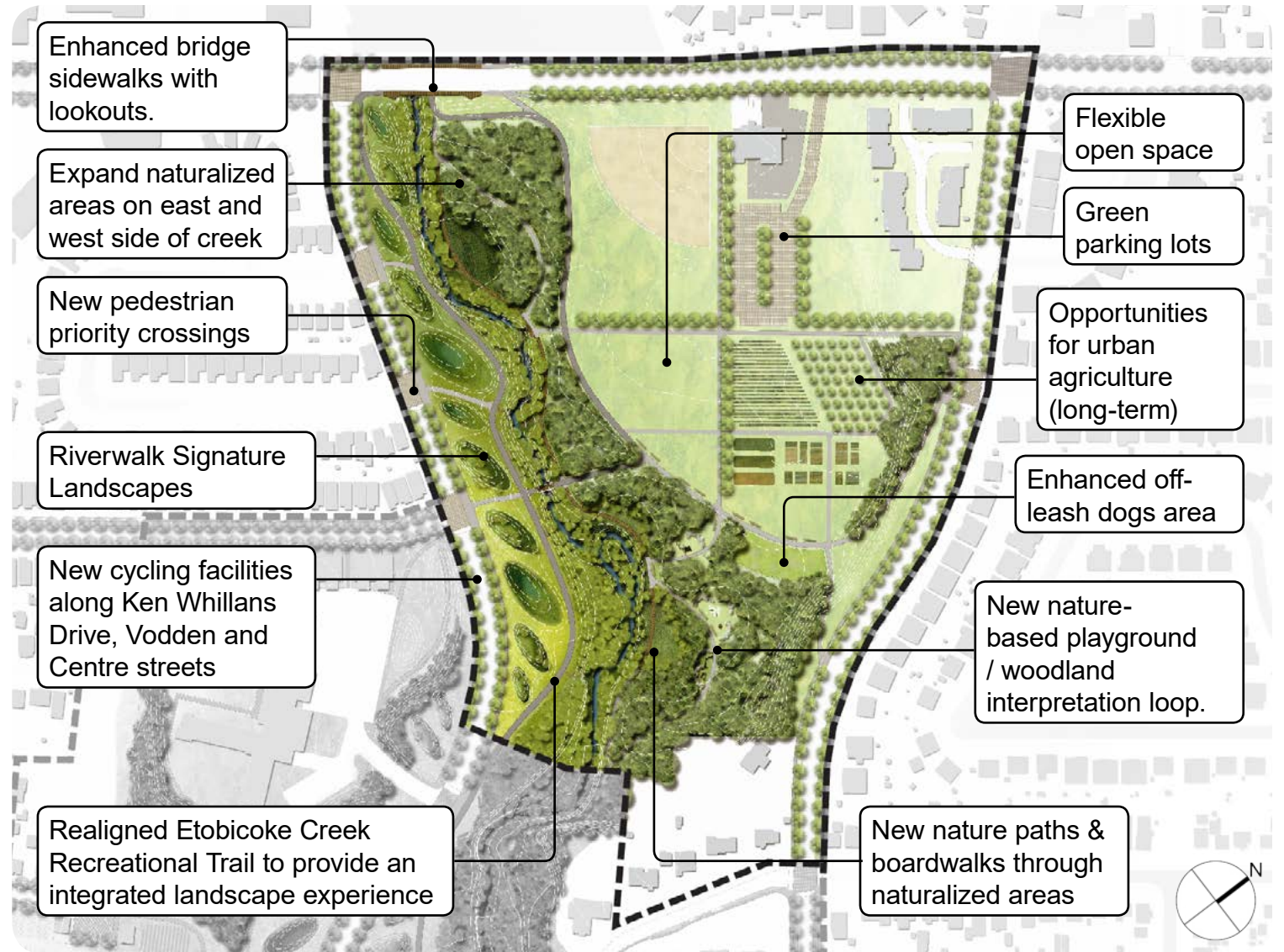


- Enhance and increase natural features (woodlot, wetland, riparian edge, etc).
- Establish new boardwalks and woodland trails.
- Provide improved access to the water's edge.
- Create new nature-based playground.
- Increase flexible space by relocating existing baseball fields, reconfiguring dogs-off leash area (long-term 10+ years)



Area 1: Duggan Park

Draft Demonstration Plan



Area 1: Duggan Park

Conceptual Rendering

View of feature landscapes and potential
reconfiguration of Ken Whillans Drive



Area 2: Rosalea Park North

Big Moves

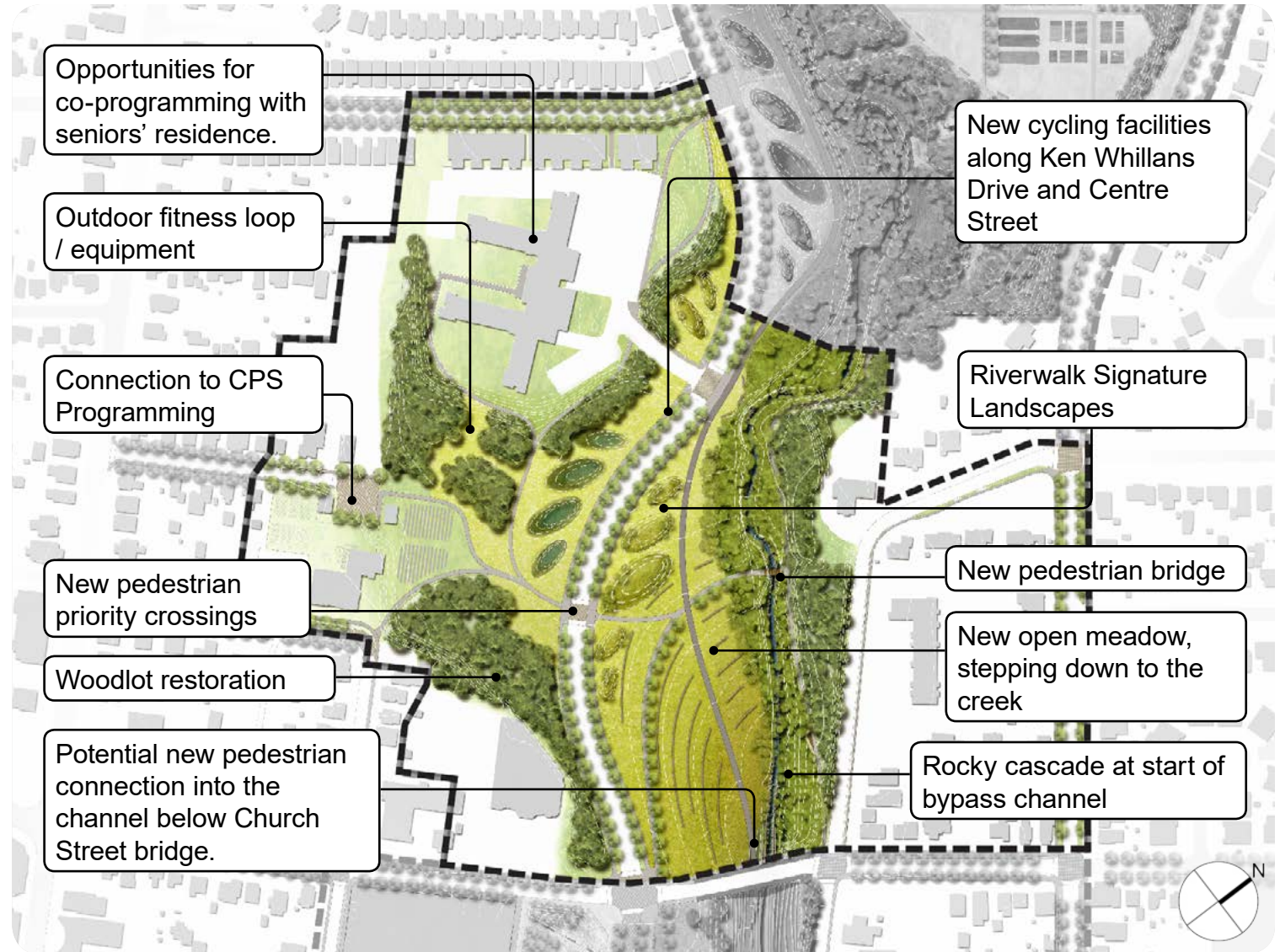


- Realignment and reconfiguration of Ken Whillans Drive into a complete street.
- Regrading of the space on the west side of the creek to create a new meadow landscape.
- Improvements to the Central Public School fields and facilities and connections with adjacent community.
- Creation of a rocky cascade feature at the mouth of the bypass channel.



Area 2: Rosalea Park North

Draft Demonstration Plan



Area 2: Rosalea Park North

Conceptual Rendering

View of the sloping landscape and
pollinator meadow along the realigned Ken
Whillans Drive, from a new Church Street
bridge lookout



Area 3: Rosalea Park

Big Moves

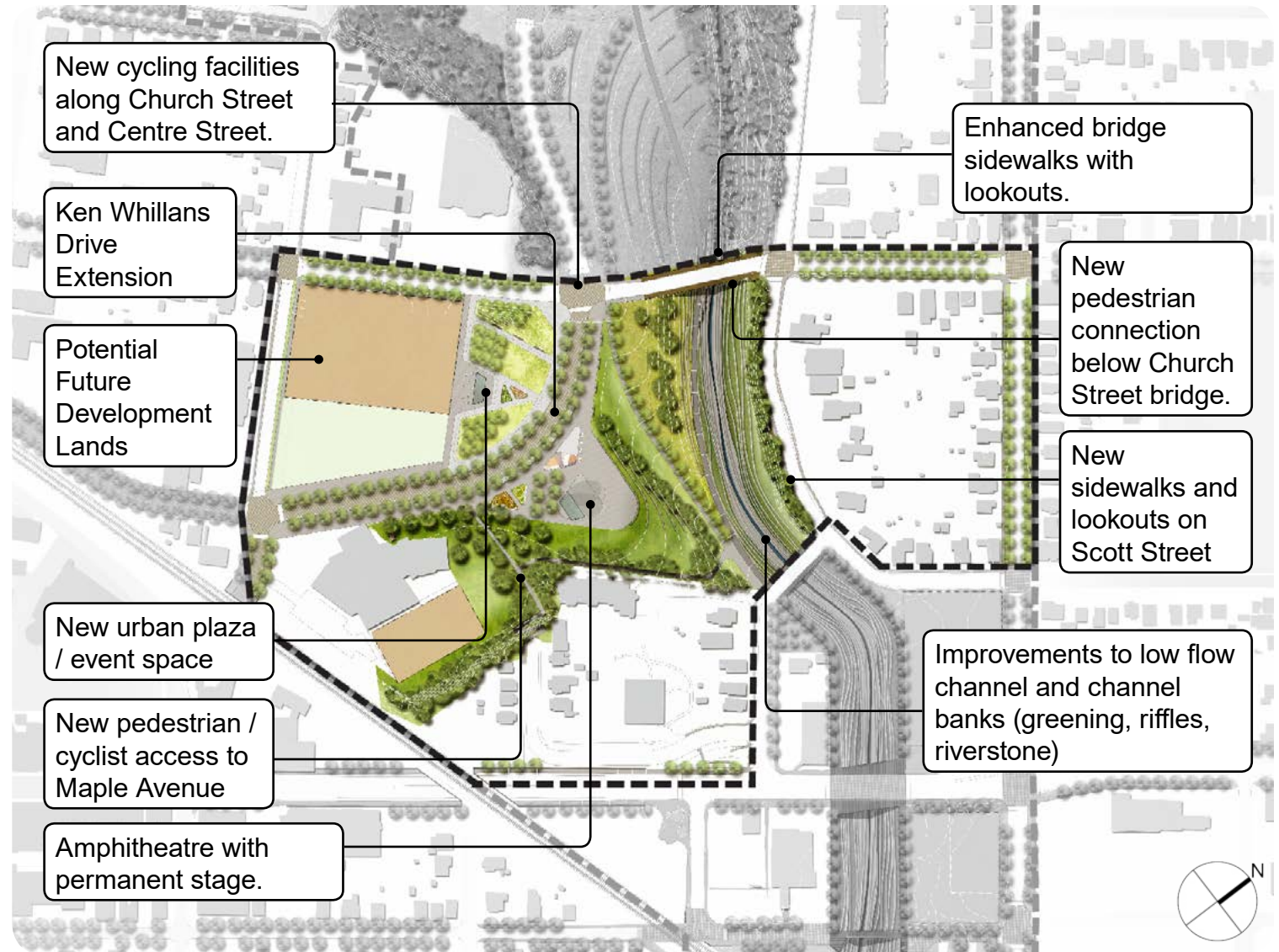


- Create an extension of Downtown public open space and events spaces
- Grassed amphitheater, water features, seasonal programming
- New urban plaza and event space
- Extension of Ken Whillans Drive, new flexible street
- New connection to the Etobicoke Creek.



Area 3: Rosalea Park

Draft Demonstration Plan



Area 4: Etobicoke Creek Bypass Channel

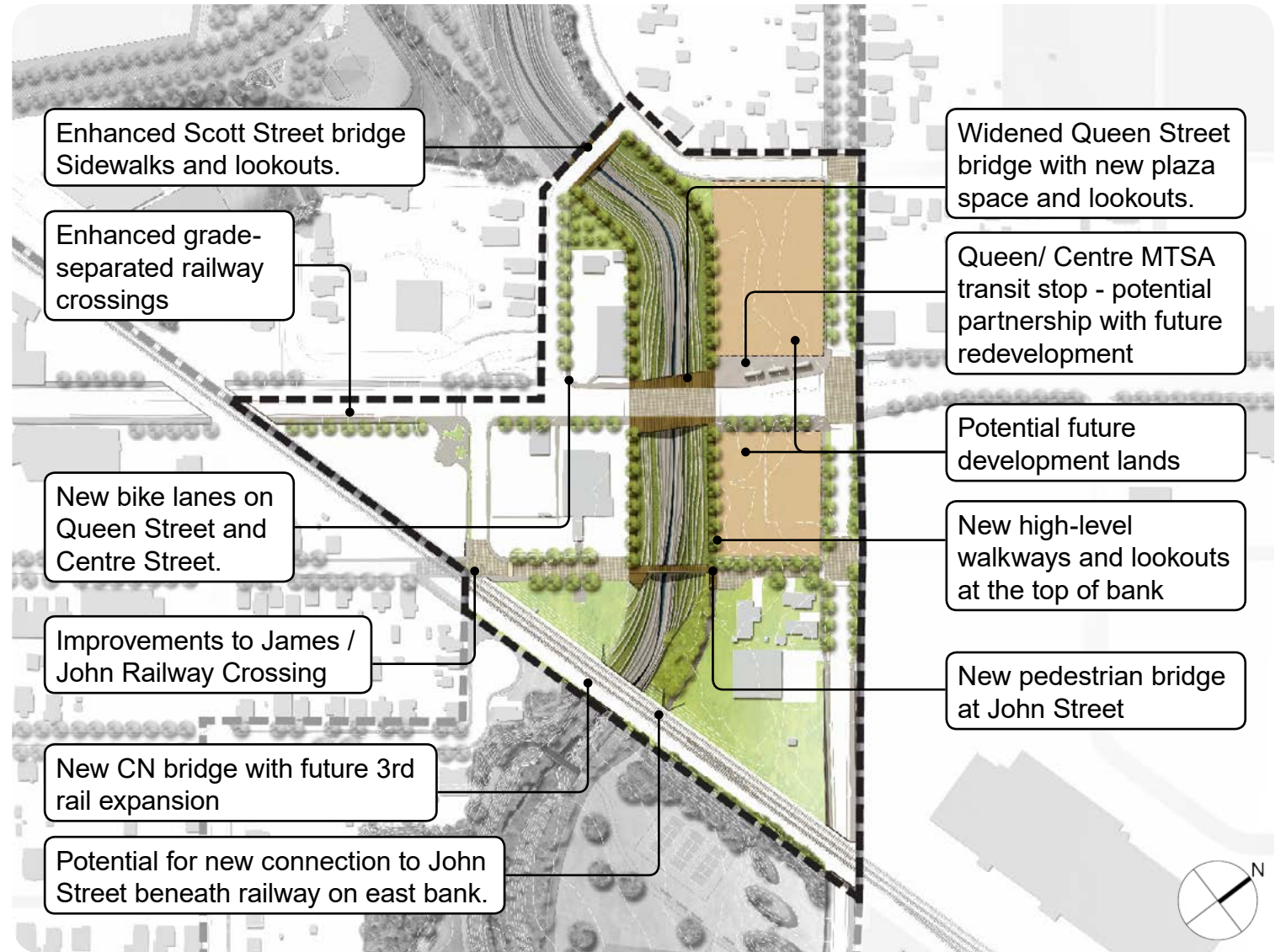
Big Moves

- The intersection between the valley/creek and the city. “A canyon through the city”.
- Rehabilitation of the Etobicoke Creek bypass channel to provide a better urban and ecological amenity.
- Reconnect the Etobicoke Creek Recreational Trail.
- New pedestrian / cycling bridge at John Street
- New public space and transit stop at Queen / Centre Streets



Area 4: Etobicoke Creek Bypass Channel

Draft Demonstration Plan



Area 4: Etobicoke Creek Bypass Channel

Conceptual Rendering

View of enhanced bypass channel from the
new John Street Pedestrian bridge



Area 5: Centennial Park

Big Moves



- Enhance and increase natural features (wetland, woodland, arboretum, etc)
- Provide improved access & new crossings
- Create new signature landscape entrances to the park and Riverwalk Site
- Improved access to Wellington & James Streets
- New / improved pedestrian & cycling bridges.



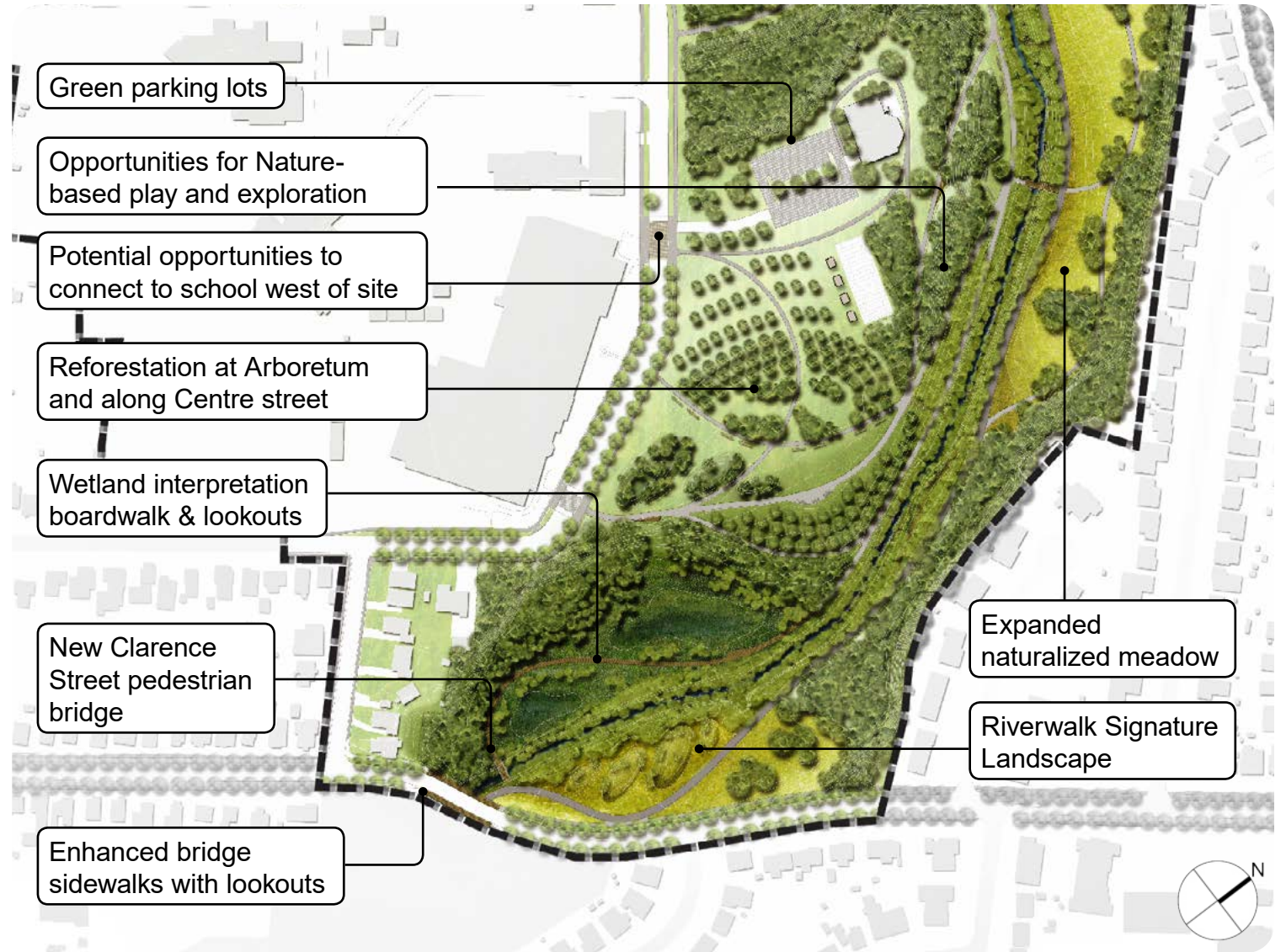
Area 5: Centennial Park

Draft Demonstration Plan (Centennial Park North)



Area 5: Centennial Park

Draft Demonstration Plan (Centennial Park South)



Area 5: Centennial Park

Conceptual Rendering

View of enhanced wetland and boardwalk
from the new Clarence Street Pedestrian
Bridge



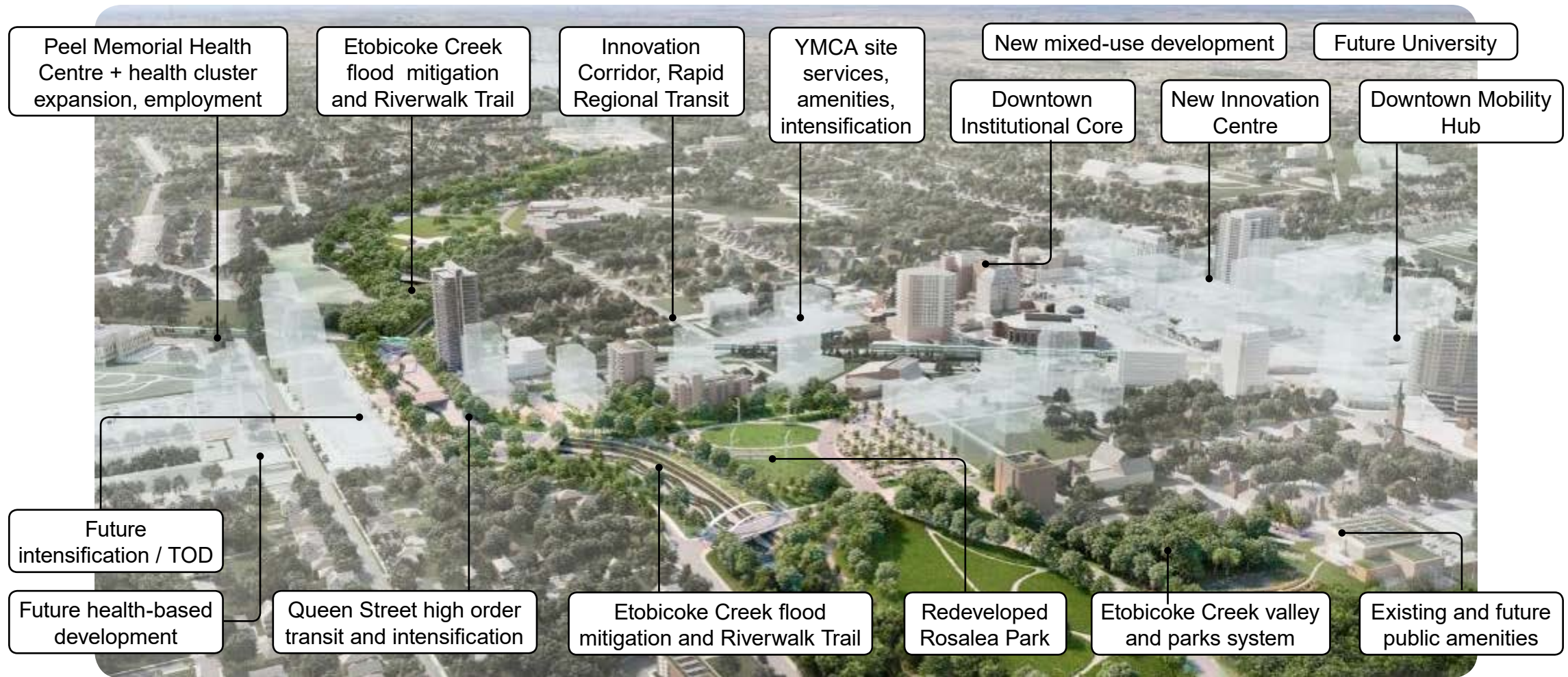
Discussion

Discussion on the Draft Master Plan Concepts

1. What are your thoughts on the draft concepts and recommendations for the Riverwalk areas? Is there anything missing that you would like to see the team consider?
 - **Programming** (i.e. activities, features and facilities, events, initiatives)
 - **Sustainable mobility** (i.e. active transportation – cycling, walking, transit – regional, high-order transit, local transit)
 - **Environment, Resilience, Sustainability & Public Health** (i.e. climate change adaptation and mitigation, environmental and ecological enhancement)
 - **Character and identity** (i.e. arts, culture, heritage)
2. Any other feedback that you would like to see the team consider for the UDMP to ensure a vibrant and sustainable Riverwalk?

Closing Remarks

Riverwalk Area: Development & Revitalization Opportunities



The Riverwalk Project

When completed the Riverwalk will:

- **Protect** from flood and disasters
- **Revitalize** Downtown and area
- **Trigger** infrastructure renewal and greening
- **Generate** employment, attract people, investment
- **Develop** central park system, contribute to Brampton Eco Park
- **Make** a resilient, sustainable, healthy Downtown and City
- **Build** community, bring people together
- **Support** diversity and culture, improve social life
- **Stimulate** new approaches, innovation, change



Thank You!

