



Confederation Basin Promenade

About The Project

The Confederation Basin Promenade Project proposes a new accessible walkway and public space experience built on the existing stone breakwall that shelters Flora MacDonald Confederation Basin.

The Waterfront Master Plan (WFMP) conceptualized and consulted on the Promenade Project and a high level scope of work was established and approved by Council in 2016.

Formal public consultation is now underway. Your feedback is important in shaping the outcome of this unique and distinctive waterfront amenity.

Ways You Can Participate!

To provide feedback, please visit Get Involved Kingston at <https://getinvolved.cityofkingston.ca>

Attend the first of two virtual public meetings this year. Two times are available for the first meeting on July 12, 2021.

Complete the Project Survey at Get Involved Kingston, and visit the project website at the address below or by using the QR code.



Timeline

- Spring 2021**
Design and Study initiated
- Summer 2021**
Public Engagement
- Fall 2021**
Public Engagement
- 2022**
Design Confirmation
- 2022**
Detailed Design
- 2023**
Construction

Project Contact

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www.cityofkingston.ca/city-hall/projects-construction/confederation-basin-promenade



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Important Things To Know About the Project

#1 Project Design Team

The City has retained a consulting team, including landscape architects and engineers, to examine the existing conditions of the breakwall to best inform the future design and establish parameters for the Confederation Basin Promenade project. The consultant team has experience with construction in similar circumstances.

The MBTW Group
Landscape Architecture
+
Shoreplan
Engineering Limited
Coastal Engineering

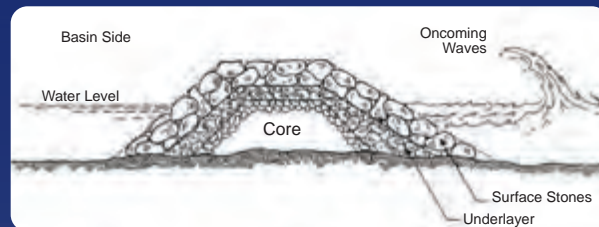
With Support Consultants:
DDDG
Electrical Consultant
Figureground Studio
Creative Consultant

Consulting Team

#2 Breakwall Conditions

The breakwall has been inspected by the team in order to develop an understanding of how it was constructed in 1990. Investigations included a review of original construction drawings, detailed site inspection and a detailed drone survey of the entire structure.

The part of the breakwall that is most suitable for supporting a walkway sits below the surface layers of stones.



Basic Diagram of Breakwall Construction

#3 Wave Conditions

Confederation Basin breakwall is impacted by large waves during storm events. To understand what forces will affect the proposed walkway the design team has modelled the wave action for various conditions.

The worse-case scenario is during a large storm event during high water levels when waves are coming from the West-Southwest direction. Waves could be as high as 2.5m. The lake-facing side of the breakwall and specifically the area at the bend would be subject to the most significant wave action.



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#4 Public Safety

During high winds, high water levels and storm events waves will likely overtop the lake facing side of the structure. The design team along with City staff are evaluating how to make the walkway the safest it can be.



#5 Navigation Lights

The breakwall must continue to be equipped with navigation lights.



#6 Walkway Options

The team has explored various options for constructing the walkway on the breakwall. Options considered include; concrete walkway on piles, concrete walkway without piles or a pile-supported deck.

The Concrete Walkway Without Piles option may be the most suitable, given structural integrity and project cost. Building the walkway would require:

- Re-arranging the large surface stones to make space for the walking surfaces; and
- Constructing a low wall and below-ground structure.



Artist Rendering of Concrete Deck Without Piles

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#7 Budget

A \$2.695M project budget has been approved by Council for the The Promenade Project. Preliminary engineering work estimates that approximately 240m of walkway could be constructed within budget.



#8 Community Feedback

Feedback will be summarized and posted to the project website.

The consulting team and City staff will review feedback and address comments throughout the design development process.

Your feedback will help shape the Conceptual Design which will be presented later in the year at a separate public meeting.



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The Promenade Project Introduction



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Key Elements of The Promenade Project

Connection to Battery Park



Walkway Transition Area to Battery Park

3.0m Walkway with Low Wall



Artist Rendering of Promenade with Low Wall on Lake Side

Widened Terminus Area



Lookout Area at Bend

Water's Edge Access (With Floating Platform for Swimming, Small Craft Use, Model Sail Boats, Fishing and Viewing, etc.)



Floating Platform with Access to Promenade

Seating Opportunities



Free-standing Wood or Stone Seating, Park Benches and Seatwalls

Artful Components



Special Paving, Pathway Lighting and Wall Treatment

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Project Enhancements Not in Current Approved Budget

Based on the results of public engagement and approval by City Council, project enhancements may be considered, subject to the ability to secure diverse sources of funding.

Examples of Enhancements Include:

A Extending the walkway to the Lighthouse and providing a lookout area.



B Widening the walkway and creating an enhanced entry area including upgraded public realm design elements such as bollard lighting, flags, community gateway signage, architectural elements and upgraded furnishings.



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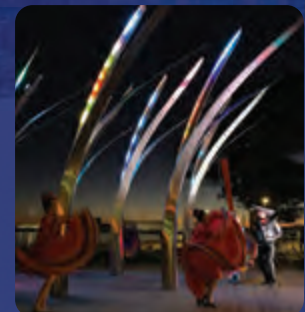
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Examples of Enhancements Include:

- C** Enhanced Swimming Space Amenities for improved deep water swimming experience.



- D** Public Art including free standing sculptures or interactive pieces.



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