

A background graphic featuring a network of interconnected nodes and lines. The nodes are represented by circles of varying sizes, and the lines are thin, creating a web-like structure. The top half of the image has a dark grey background, while the bottom half is a solid purple color. The text is overlaid on this background.

MOVING WATER FORWARD

CONNECTING MORE PEOPLE TO MORE POSSIBILITIES

Bal Harbour Sewage Pump Station Electrical Upgrades

Region of Niagara
Virtual Public Information Centre
January 4, 2023

Welcome!



Provide an overview of the proposed electric upgrades for the Bal Harbour Sewage Pumping Station



Identify progress and next steps



Provide an opportunity for you to learn about the project and get involved

PROJECT OVERVIEW

What is happening?

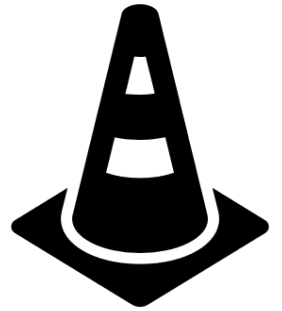
Niagara Region is upgrading the Bal Harbour sanitary servicing pumping station. The project is currently in the conceptual design phase.

Why is it happening?

Electrical components of the existing pumping station are reaching the end of their service lifetime and are underground and difficult to access, which creates a health and safety issue for Region staff. This upgrade project will move access to ground level, while maintaining beach access and minimizing visual impacts.

What does it mean to you?

The project team is available to provide responses to any questions, comments or concerns with respect to the project. Aesthetics, visual impacts, environmental impacts and health and safety of staff and the community will be considered at all stages of this project.



PROJECT AREA

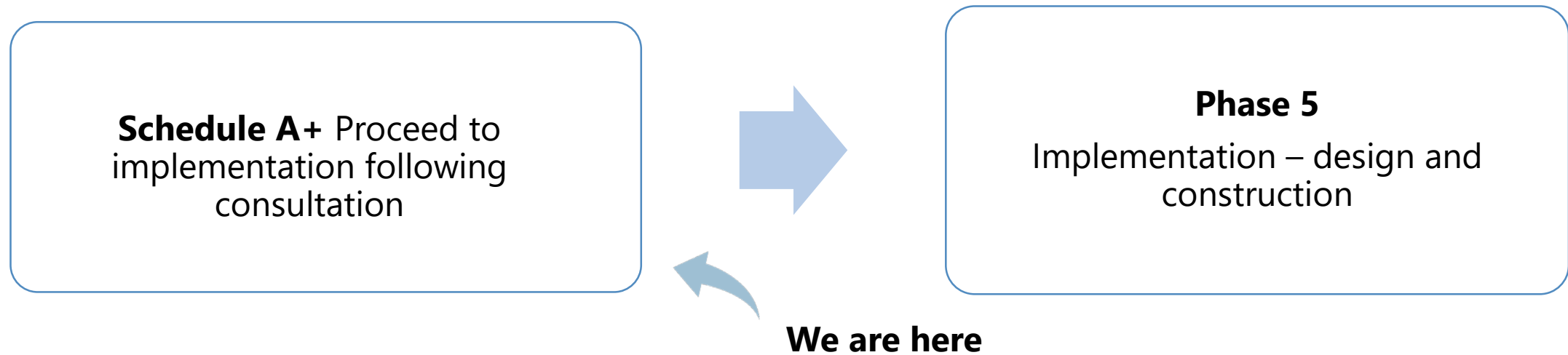
- The Bal Harbour Pumping Station is located at 29B Cheval Dr. in Grimsby, ON, as shown on the map.
- All electrical equipment required for operation of the station is currently located within the underground vaults onsite.
- The project aims to replace and upgrade all electrical components and move them to an above ground location at the same site to improve the accessibility and reliability.



MUNICIPAL CLASS EA PROCESS

This project is classified as a **Schedule A+ project**, which is pre-approved, but requires to notify potentially affected parties prior to implementation.

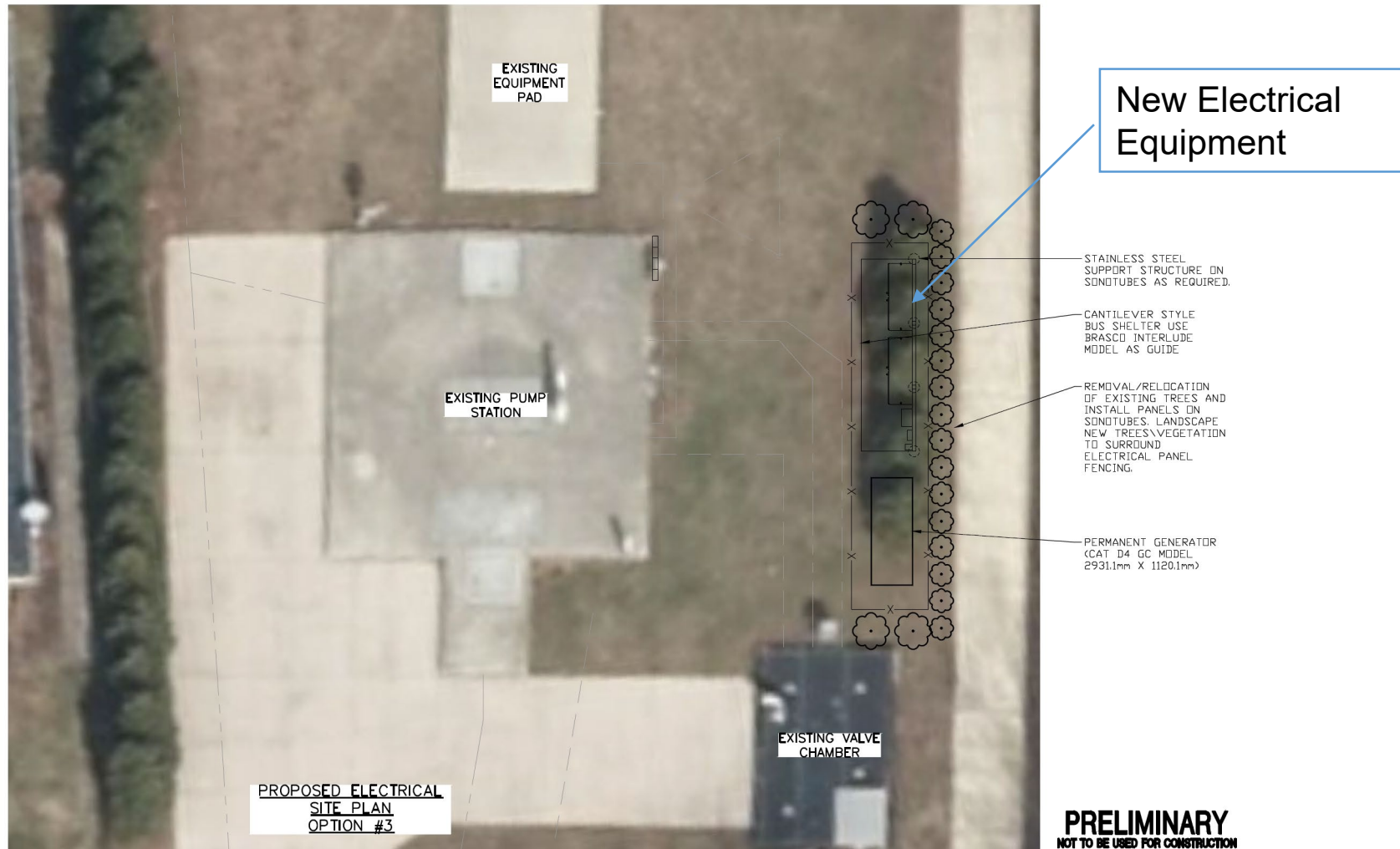
The project can proceed to the implementation phase (Phase 5) of the Municipal Class EA process (October 2000, as amended).



CONCEPTUAL LAYOUT

- The electrical panels will be moved to an above ground area close to the existing pump station.
- A small, quiet contained standby generator will also be provided to provide power to the station in case of a utility power failure.
- A transparent shelter will be provided to house the electrical equipment, to provide isolation and improve the overall aesthetics.
- The conceptual layout figure is shown on the next page.

CONCEPTUAL LAYOUT



RENDERING VIEW 1 COMPARISON



Current View



After Proposed Upgrade – Components are in a similar location to the existing trees

RENDERING VIEW 2 COMPARISON



Current View



After Upgrade – Components are in a similar location to the existing trees and public access is maintained

BAL HARBOUR STATION RENDERING UPON COMPLETION

- Upgraded electrical equipment to better service the local area.
- Accessible station for Niagara Region operations and maintenance staff which mitigates health and safety concerns.
- Utilizes existing site layout to minimize visual impacts.
- Additional greenery added for environmental and aesthetic consideration.



ADDITIONAL RENDERING VIEW UPON COMPLETION

- Maintains the existing walkway for public access to park.
- The new equipment will be hidden by the proposed landscaping.
- Utilizes the existing layout.



NEXT STEPS ?

- Review and respond to all feedback of presented material.
- Complete detail engineering design drawing packages.
- Construction anticipated to start in 2024. Construction notices will be provided to affected areas prior to construction work commencing.

Any feedback on the information presented is appreciated. We want to hear from you!

THANK YOU!

- If you have any questions regarding this project, please contact the following individuals or complete a form on the project website.
- Please see the Region of Niagara website for project updates:



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