Bluffer's Park Forcemain Replacement

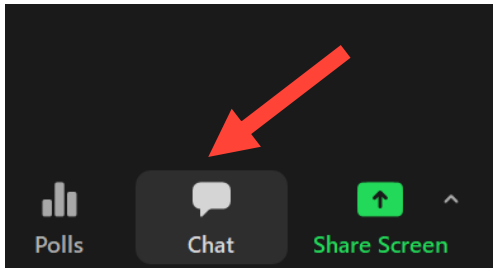
Municipal Class Environmental Assessment Study

Virtual Public Meeting #1

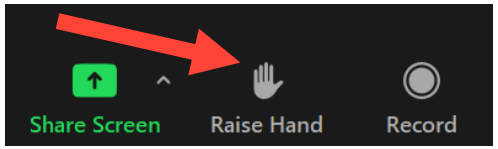
April 26, 2022

TORONTO

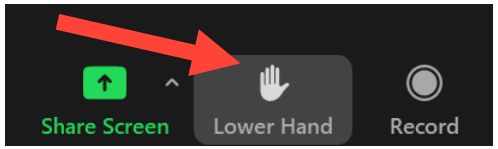
Zoom 101



Chat to send a message directly to the Project Team. The Project Team will answer your comments aloud during the presentation or as part of the Question and Answer period.



Raise Hand when you have a question or comment. A member of the Project Team will ask to unmute you when it is your turn to speak.



Lower Hand when your question or comment has been answered.

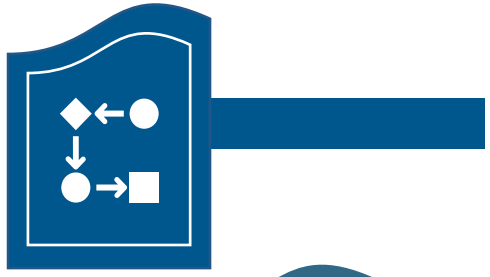
Land Acknowledgement

The land we are meeting about today is the traditional territory of many nations including the Mississaugas of the Credit, the Anishnabeg, the Chippewa, the Haudenosaunee and the Wendat peoples and is now home to many diverse First Nations, Inuit and Métis peoples.

We also acknowledge that Toronto is covered by Treaty 13 signed with the Mississaugas of the Credit, and the Williams Treaties signed with multiple Mississaugas and Chippewa bands.

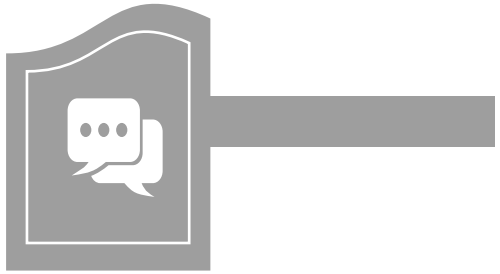
Lake Ontario near the study area

Purpose of this Virtual Public Meeting



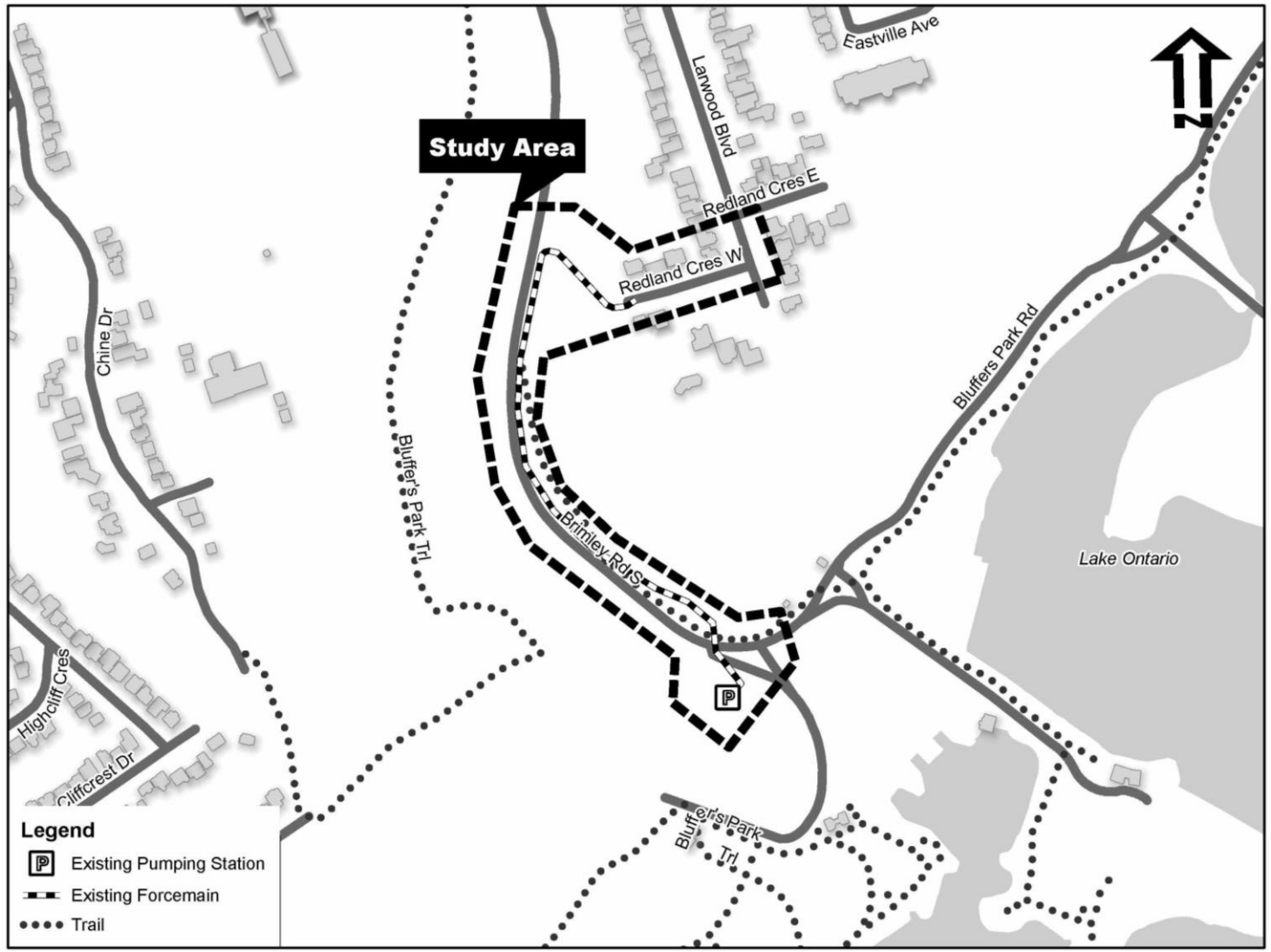
To introduce you to the study and learn more about the **Municipal Class Environmental Assessment Process** being followed

To review the **study area** and **existing conditions, problem to be addressed, proposed alternatives** and **criteria that will be used to evaluate the alternatives**.



To outline how you can provide your **feedback** on the information presented and **stay informed** and **involved**. **At this event, we are seeking your feedback on the proposed alternatives.**

Project Description



The City of Toronto is undertaking a Municipal Class Environmental Assessment (EA) Study to explore opportunities to improve the reliability of the aging sanitary forcemain that serves the Bluffer's Park Sewage Pumping Station (SPS).

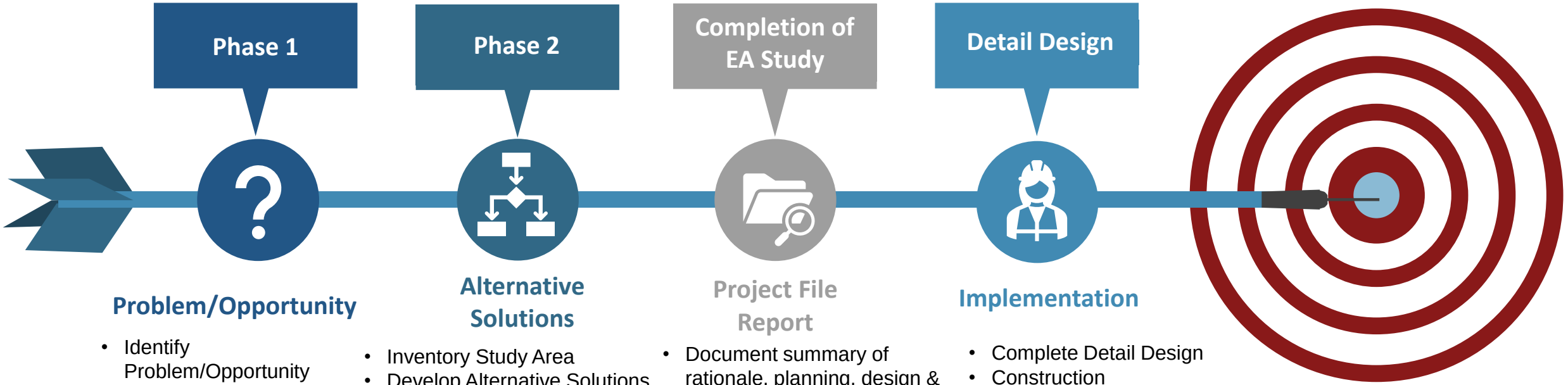
Proposed Work

The work includes:

- Replacement of the existing forcemain with two new forcemains; and
- Modifications to the existing Bluffer's Park SPS to accommodate the additional forcemain.

Municipal Class Environmental Assessment Process

This study is being carried out as a Schedule 'B' project in accordance with the Municipal Class EA process. This is a planning process for municipal infrastructure projects approved under the provincial Environmental Assessment Act. As a Schedule 'B' project, the study requires the completion of **Phases 1** and **2** of the MCEA process. Upon completion of the study, a **Project File Report** will be prepared and placed on the public record for a 30-day review period.



Problem/Opportunity

- Identify Problem/Opportunity Statement

Alternative Solutions

- Inventory Study Area
- Develop Alternative Solutions
- **Public Consultation #1 (We are here!)**
- Evaluate Alternative Solutions
- Identify Recommended Solution
- **Public Consultation #2**

Project File Report

- Document summary of rationale, planning, design & consultation process
- File for 30-day comment period
- **Notice of Completion**

Implementation

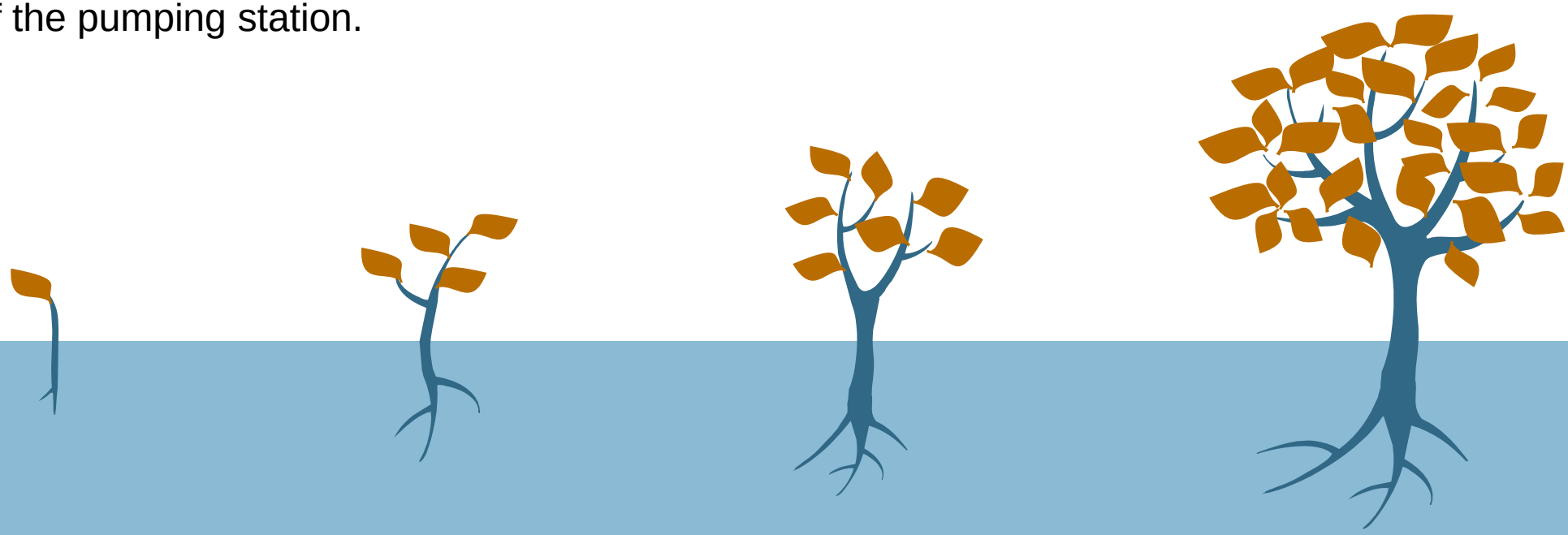
- Complete Detail Design
- Construction
- Monitoring

Problem Statement

The problem statement for the Bluffer's Park Forcemain Replacement is defined as follows:

> **The Bluffer's Park Forcemain is nearing the end of its service life. In order to ensure reliable future operation of the pumping station, an upgrade to the existing infrastructure will be required to provide redundancy and backup to the existing forcemain.**

The City of Toronto has initiated a Municipal Class EA Study to select and evaluate alternatives for the forcemain upgrade and identify a preferred solution that minimizes effects to the environment while ensuring continued reliable operations of the pumping station.

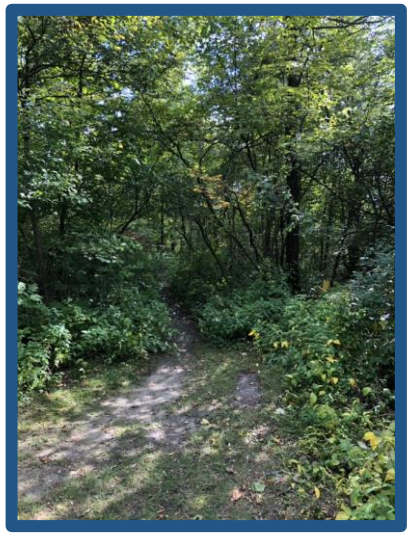


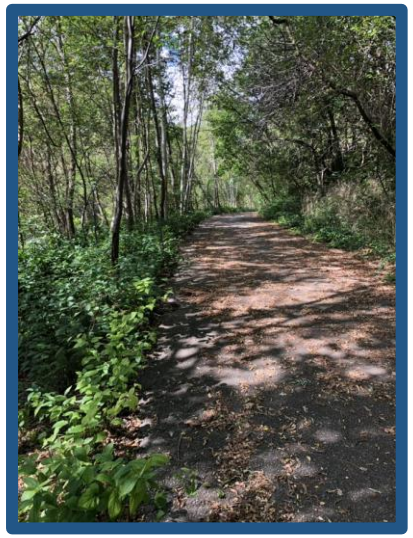
Existing Conditions: Natural Environment

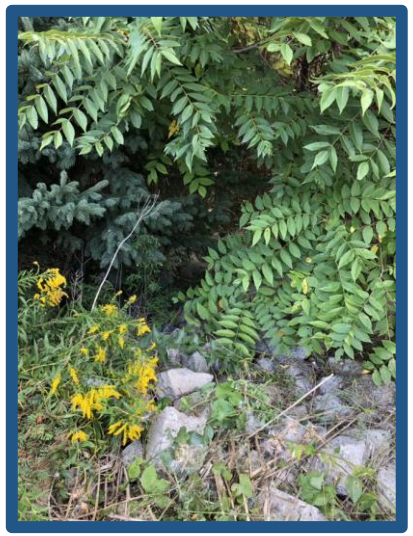
An Environmental Impact Study is underway to determine the effects that the project may have on the natural environment.

- The study area is located northwest of **Lake Ontario**.
- Vegetation present in the study area includes **cultural meadow**, as well as some **planted trees** and **naturally occurring trees** within heavily forested areas.

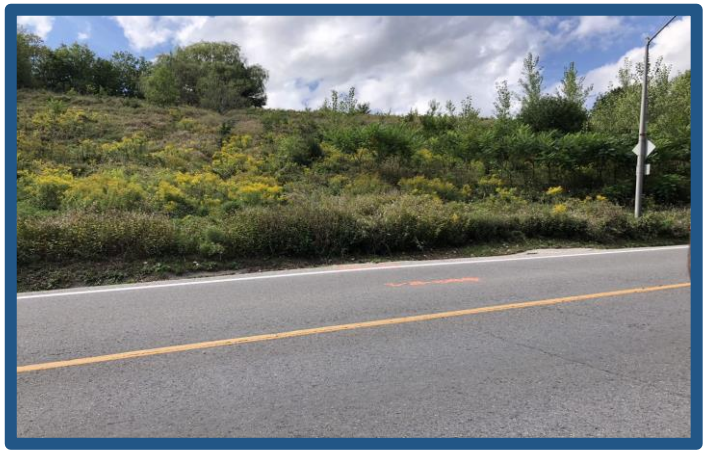
Lake Ontario near the study area







Examples of vegetation in the study area adjacent to the multi-use pathway along Brimley Road South



Example of vegetation along Brimley Road South

Existing Conditions: Social and Cultural

Example of potential cultural heritage resource

Bluffer's Park boat launch

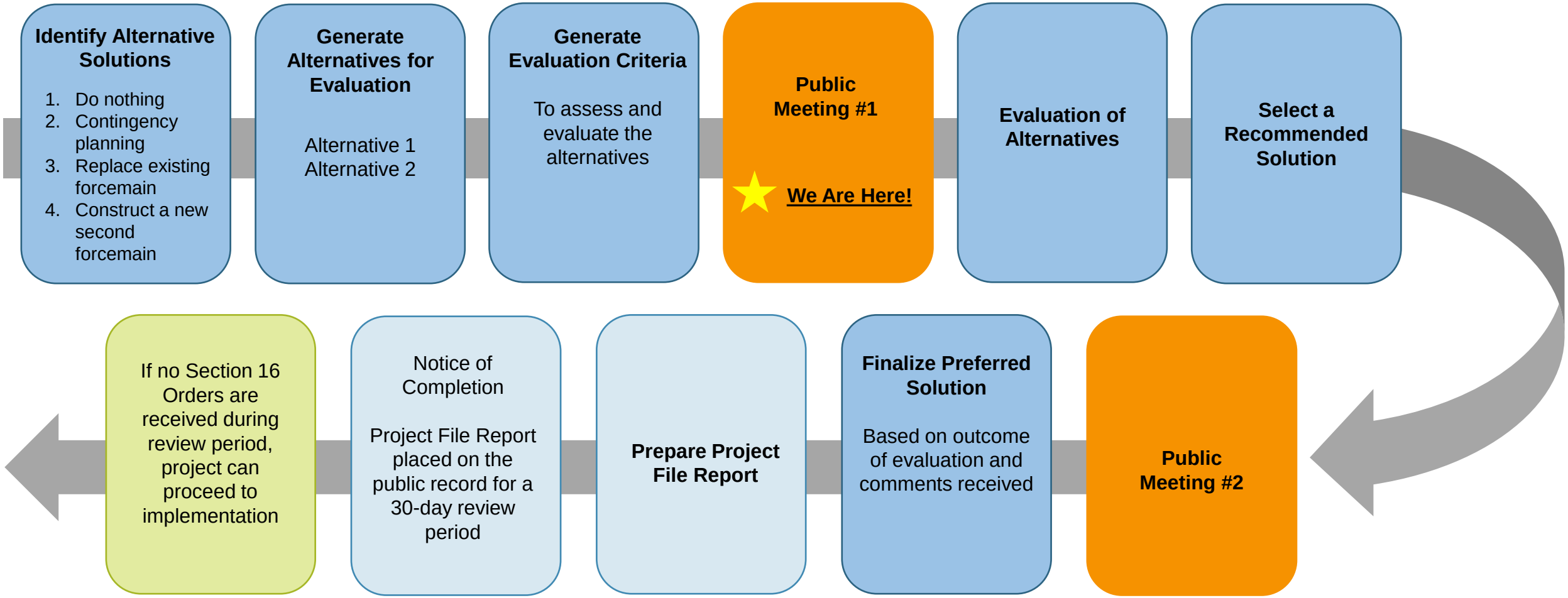
Parking lot near Bluffer's Park

Multi-use path on the east side of Brimley Road South

- There are a variety of **residential properties** within the study area, particularly at the intersection of Redland Crescent West and Larwood Boulevard.
  - One house was identified as having potential **cultural heritage value or interest**.
- A **paved multi-use path** is located on the east side of Brimley Road South.
- In the southern portion of the study area, there are **park trails** and **parking lots** serving **Bluffer's Park** and a **boat launch**.
- A Stage 1 Archaeological Assessment was completed for the study and determined there is **archaeological potential** in the study area.

Assessment and Evaluation Process

This study is following the process outlined below to identify and evaluate alternatives to select the preferred alternative for the Bluffer's Park Forcemain Replacement study.



Alternative Solutions

Approach	Description	Comments	Carry Forward?
Do Nothing	No change to current infrastructure.	Does not address the requirement to providing redundancy and backup to the existing forcemain	
Contingency Planning	Provide for emergency pumping during times of failure	Provides a short-term solution but does not address the requirement to provide redundancy and backup to the existing forcemain.	
Replace Existing Forcemain	Replace existing forcemain pipe with a larger diameter pipe.	Does not address the requirement to provide redundancy and backup to the existing forcemain in the case of pipe failure.	
Twin Forcemain	Construct a new, second forcemain in addition to replacing the existing forcemain.	Addresses the problem of redundancy and backup to the existing forcemain.	

Alternative 1

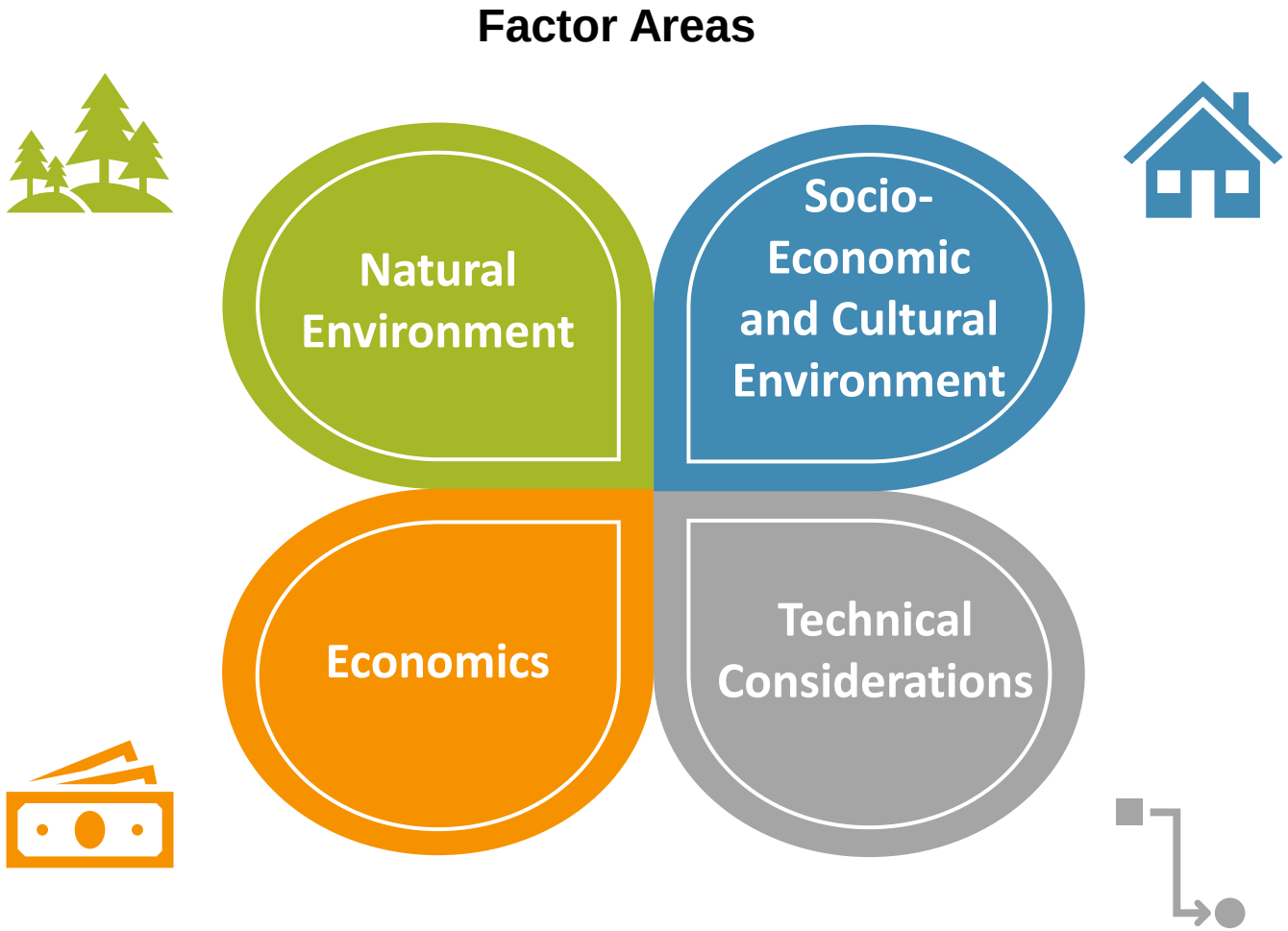
- New forcemain located along the existing alignment from the Bluffer's Park Sewage Pumping Station (SPS) north along Brimley Road South.
- Alignment crosses east to the discharge maintenance hole (MH) on Redland Crescent W and terminates at the discharge MH in front of the Redland SPS.
- Construction methodology via open cut or trenchless methods will be evaluated as part of the project.

Alternative 2

- New forcemain alignment located east along Bluffers Park, then north to Larwood Blvd.
- Alignment runs west along Redland Crescent W and terminates at the discharge MH in front of the Redland SPS.
- Construction methodology via open cut or trenchless methods will be evaluated as part of the project.

Evaluation of Alternatives

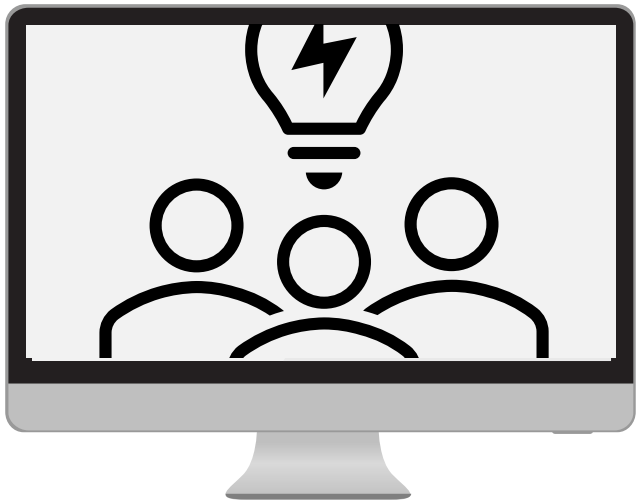
- **Evaluation process** to determine recommended alternative and proposed construction methodology based on the factor areas shown.
- Further **refined to minimize impacts** and **disruption** during construction.
- **Recommended alternative**, including the anticipated impacts and proposed mitigation measures to be presented at the **second Public Meeting.**



Next Steps

The project team will respond to any questions received, evaluate the alternatives presented and select a preferred alternative.

The second virtual Public Meeting will present the recommended alternative. Notification of the event will be advertised on the project website and mailed to residents in the study area.



Stay Informed!

Please submit any questions or comments you may have by **May 10, 2022** to:

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