

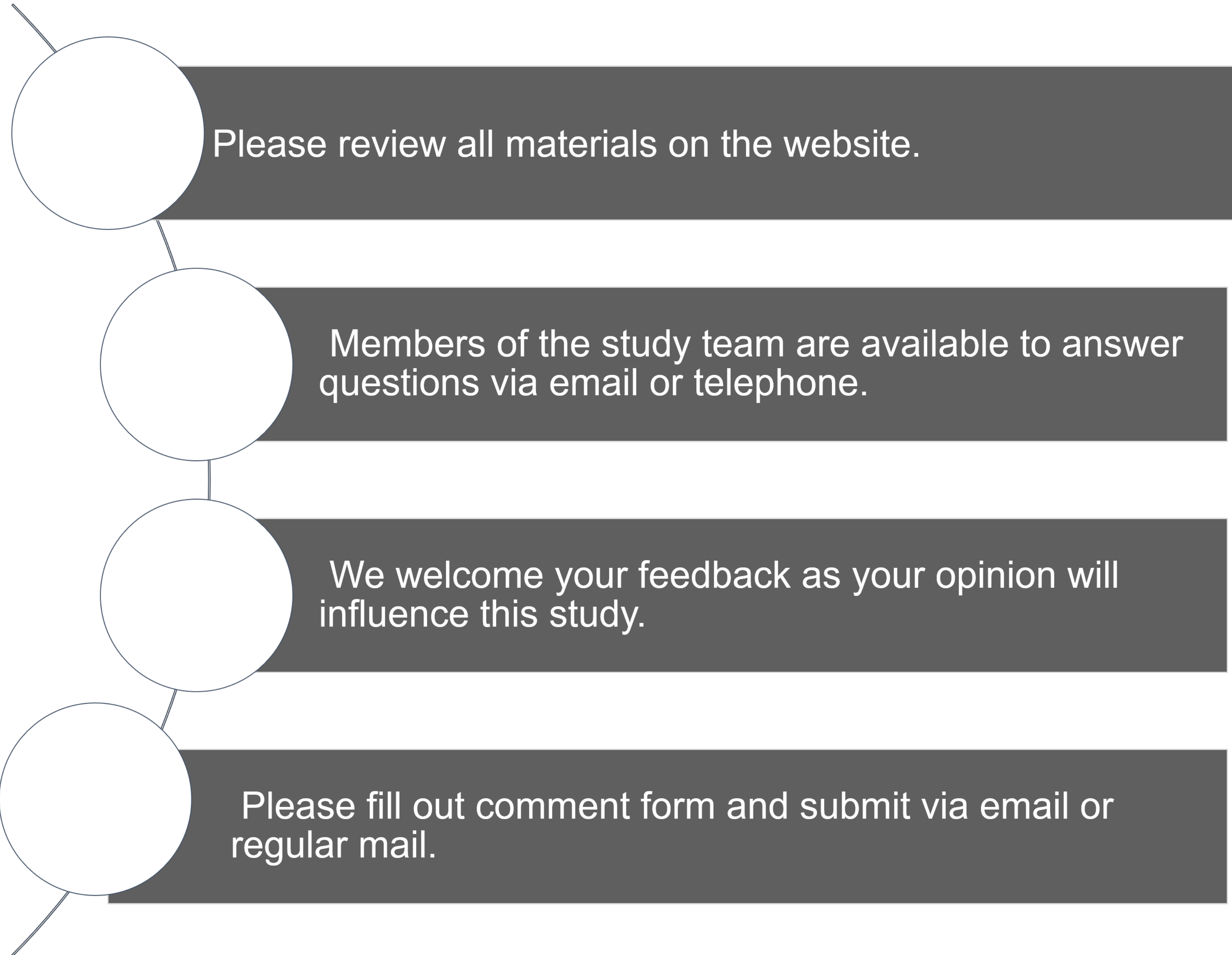
Niagara Region

Beaverdams Road Sewage Pumping Station Upgrades and Forcemain Replacement

Schedule B: Municipal Class Environmental Assessment

Virtual Public Information Centre

Welcome!



Your feedback is important!

The purpose of this meeting is to learn about the project, gather information and solicit feedback.

This project is following the **Class Environmental Assessment** process, which is a decision-making process that all Ontario municipalities follow for infrastructure projects.



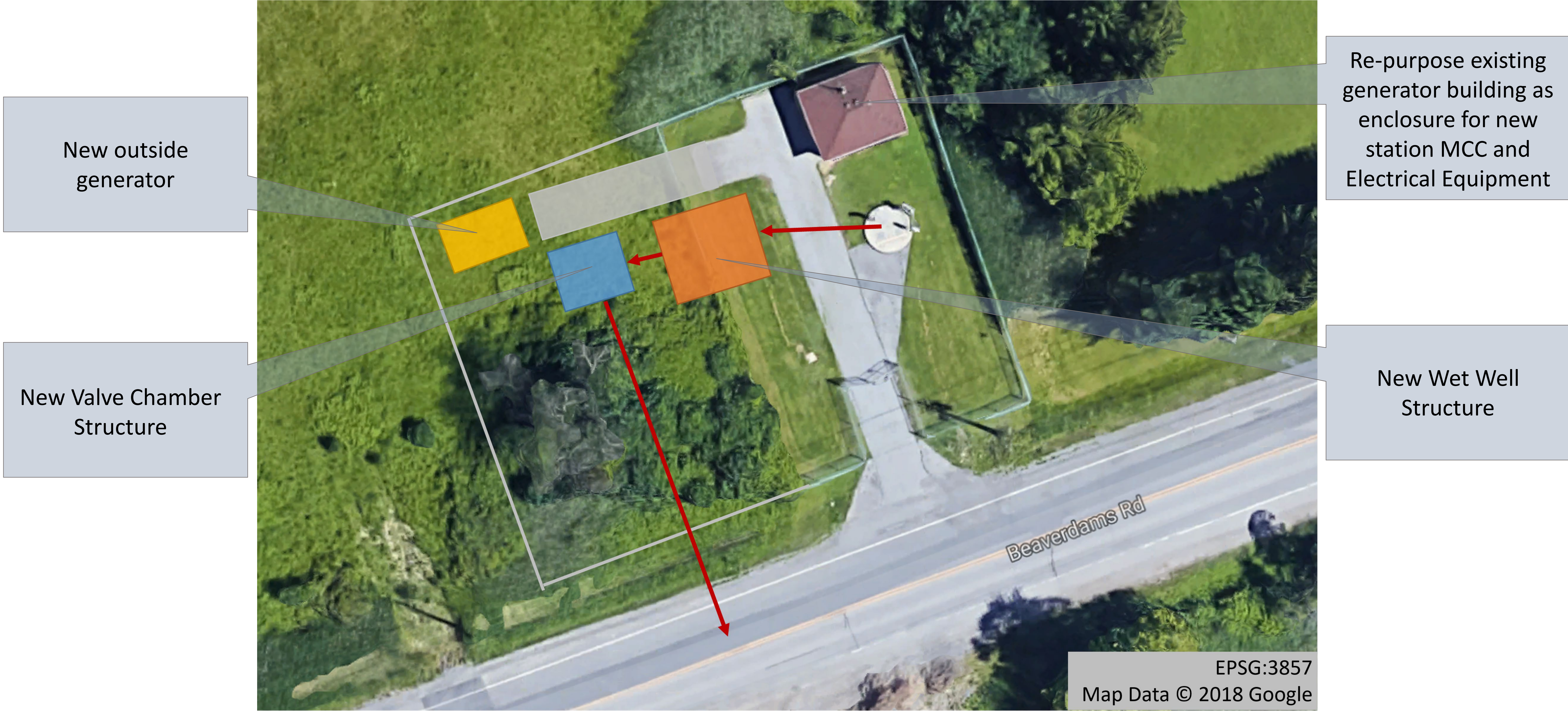
Beaverdams Sewage Pumping Station (SPS) Background Details:

- ❖ Located at 1678 Beaverdams Road in the City of Thorold within the service area for the Port Dalhousie Wastewater Treatment Plant
- ❖ Existing forcemain route is 1.4 km long, partially constrained by residential properties and highway embankments
- ❖ Commissioned in 1993 and has been in continuous operations with no upgrades during this time
- ❖ **Identified in 2017 Master Servicing Plan as an area expected to experience growth over the next 25 years**

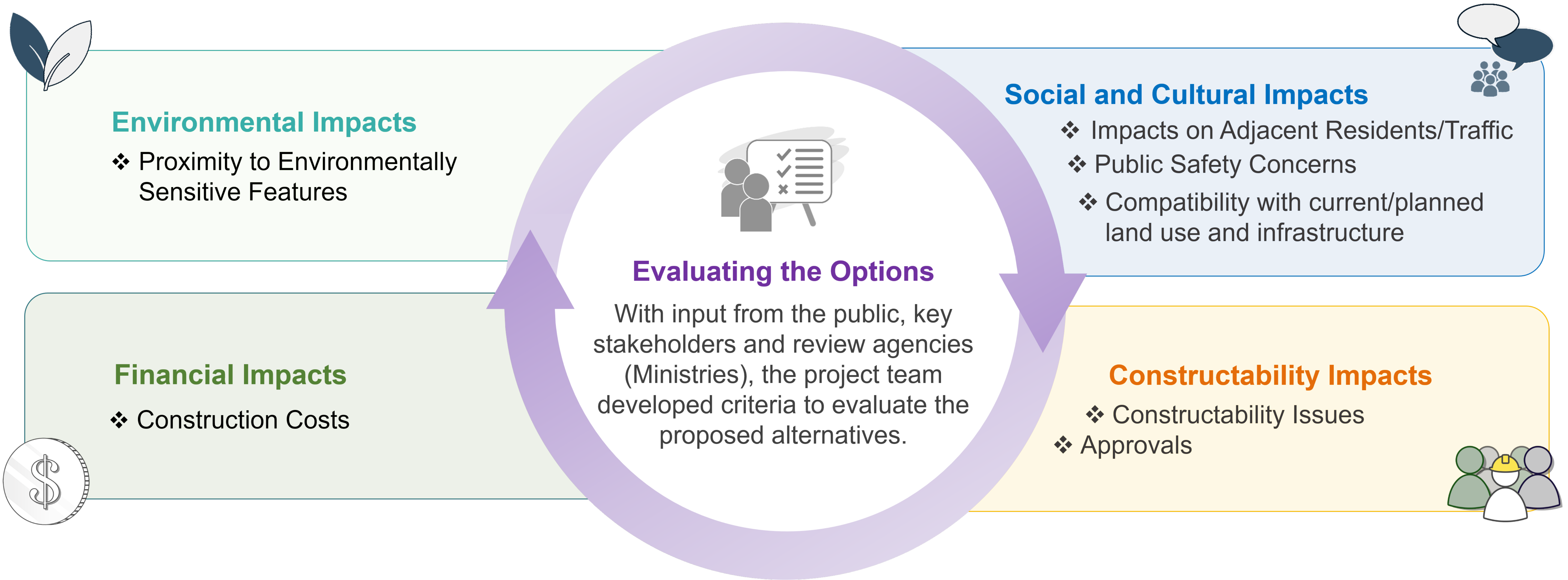
The purpose of the project is to evaluate:

- ❖ Design options for the Beaverdams Sewage Pumping Station
- ❖ Forcemain capacity to meet anticipated residential growth within the area
- ❖ Potential alternate routes for the replacement of the existing forcemain

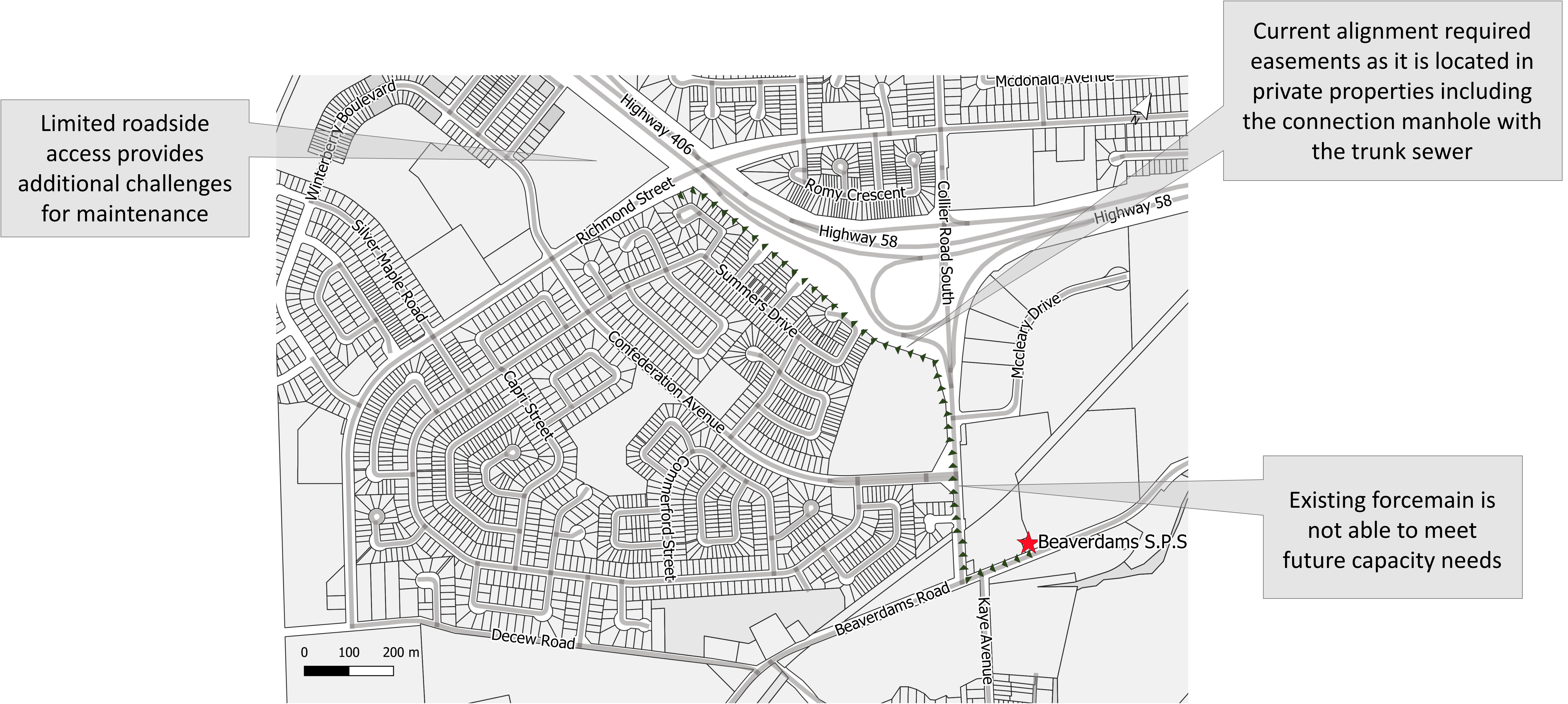








Each criteria has a 25% Weighting in the evaluation of the different alternatives

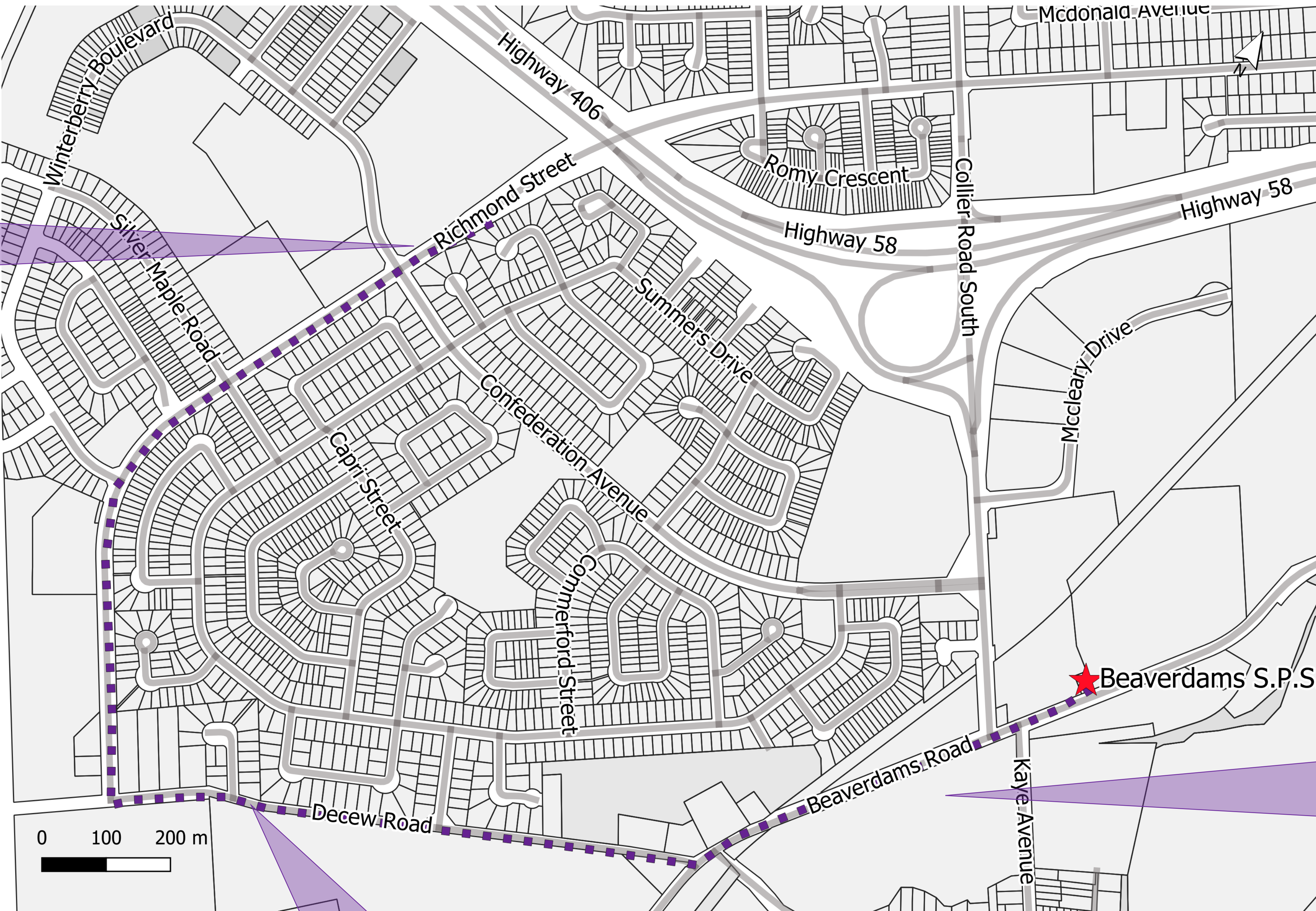


Provides the opportunity to implement a preferable connection manhole with trunk sewer



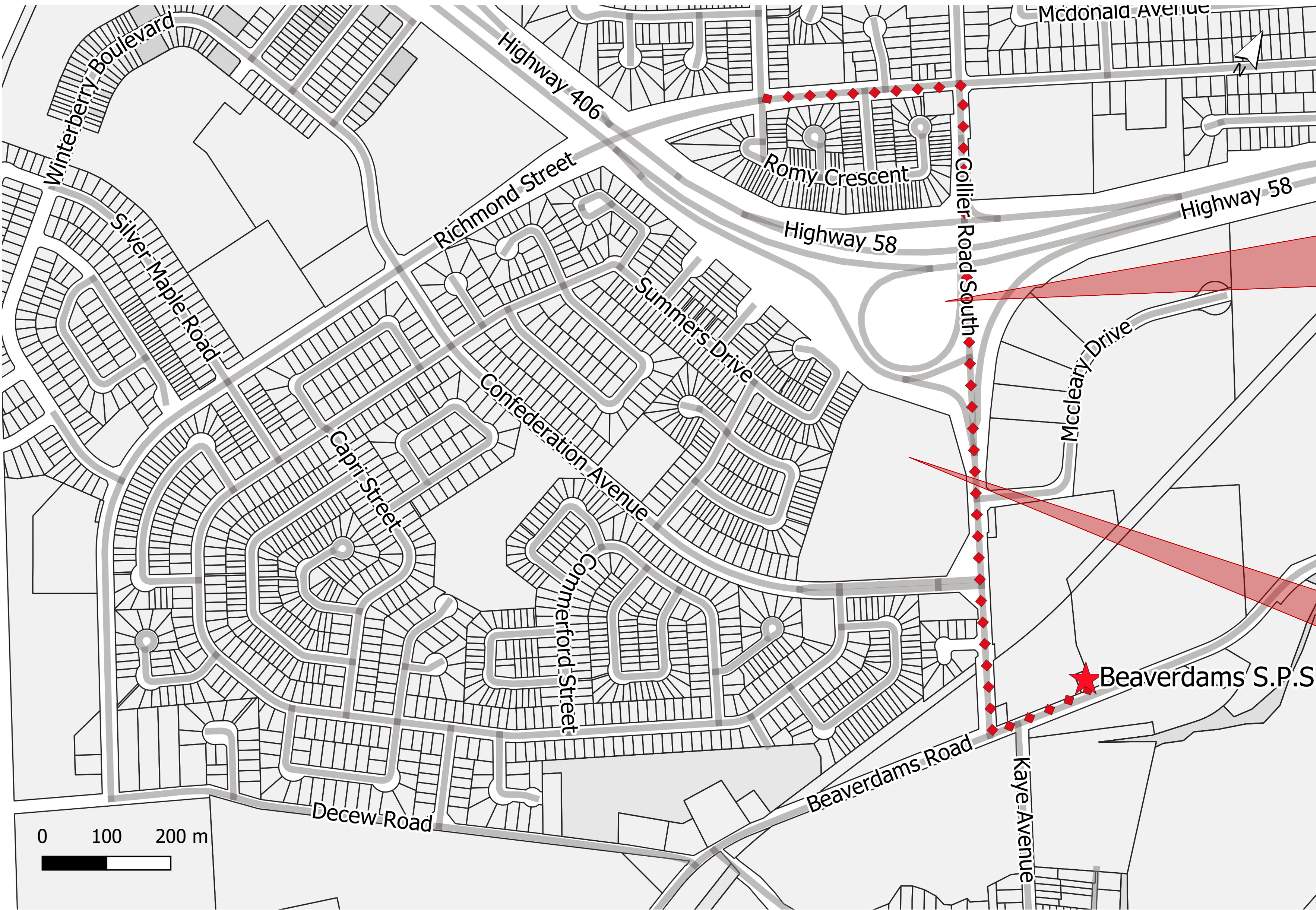
Corridor along this route is already developed

Challenging profile due to elevation changes



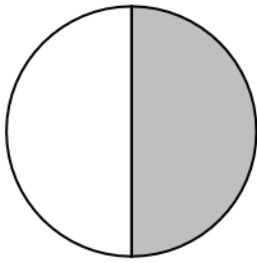
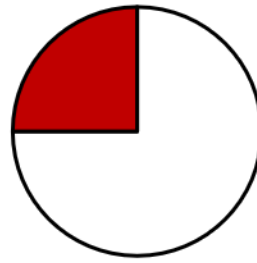
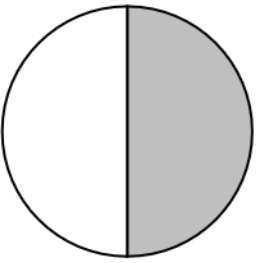
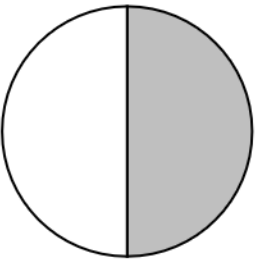
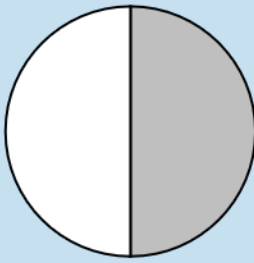
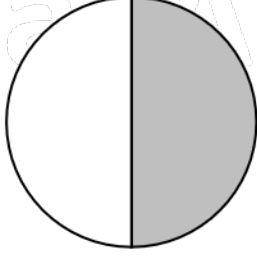
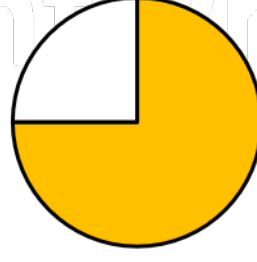
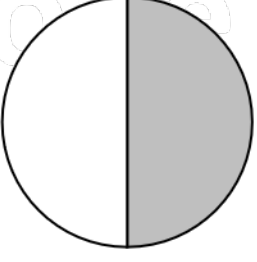
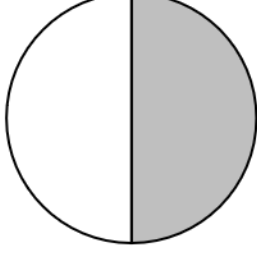
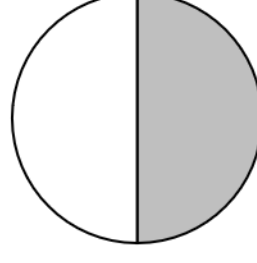
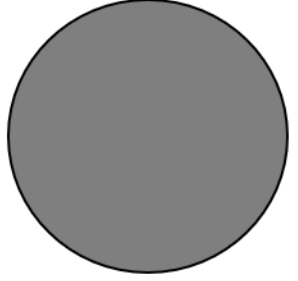
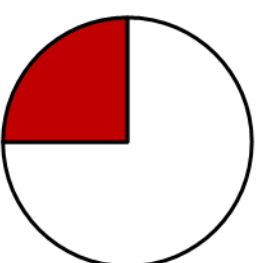
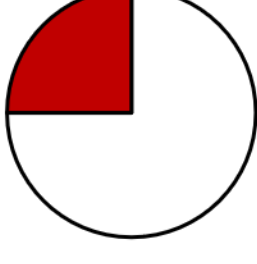
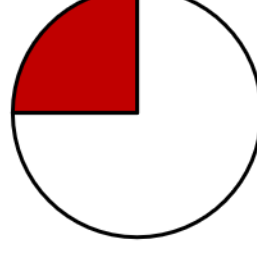
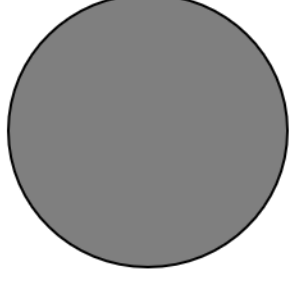
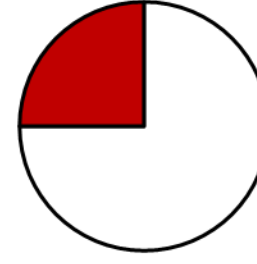
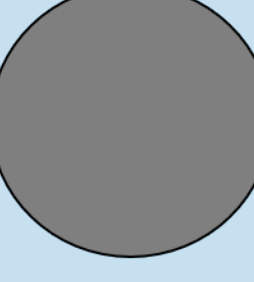
Sensitive environment in pond requires additional considerations during construction to avoid disturbance

Longest route under consideration

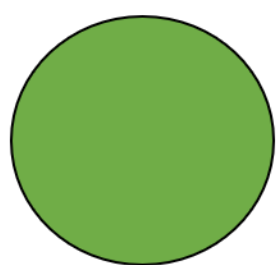


Highway Exit and Crossing requires additional coordination and approvals with Ministry of Transportation. In addition, upcoming works are scheduled for this area

Active Groundwater Monitoring Well on site highlight concerns on potential effects to local groundwater

Alternative Routes	Environmental	Social	Constructability	Financial	Summary Score
1 - Keep Existing (Do Nothing)					
2 - Confederation Avenue					
3 - Decew Road					
4 - Collier Road South					

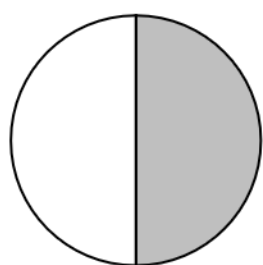
Legend of Impact per Category:



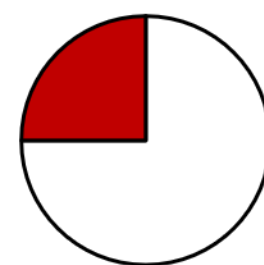
Major Positive



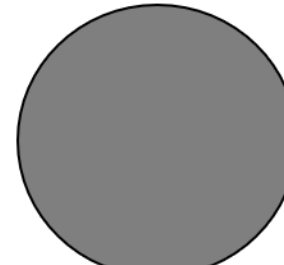
Minor Positive



Neutral



Minor Negative



Major Negative

Preferred Alternative: Confederation Ave. Route



- ✓ Provides safe and **easy access** to maintenance staff
- ✓ Allows to **Meet Future Capacity** requirements
- ✓ Reduces Impacts by **avoiding Highway Crossings**
- ✓ Provides an **optimal route** in terms of constructability (not many changes in elevations or longer segments)
- ✓ **Eliminates the needs for easements** in private properties
- ✓ Mitigates risks as the **corridor is already developed**
- ✓ Provides Additional Benefits to area

Following this PIC, the project team will:

- ❖ Review and consider stakeholder input received.
- ❖ Complete the Project File.
- ❖ Post Project File for 45-day public review.

Thank you for participating!

Please let us know your thoughts by filling out a comment form. Your feedback will reviewed and considered.



Please note that information related to this study will be collected in accordance with the *Freedom of Information and Protection of Privacy Act*. All comments received will become part of the public record and may be included in the study documentation prepared for public review.

How to Contact the Project Team

If you have any questions or comments, please contact the following:

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