

# Claredale Environmental Assessment Project

Schedule 'B' Class Environmental Assessment

**Public Consultation**

Thursday, July 2, 2020





# Claredale Environmental Assessment

## Why is the Claredale EA Project taking place?

The objective of the Claredale EA project is to determine the best solution that fully addresses the following problems:

1. The siphons crossing Cooksville Creek are old and do not meet Peel Region's current design standards.
2. The siphons are prone to frequent blockage, resulting in sewage backing up into basements.
3. Peel Region has experienced accessibility and maintenance challenges to unblock the siphons.
4. The sanitary maintenance hole on the north bank of Cooksville Creek is at risk of leaking, causing contamination into the Creek.

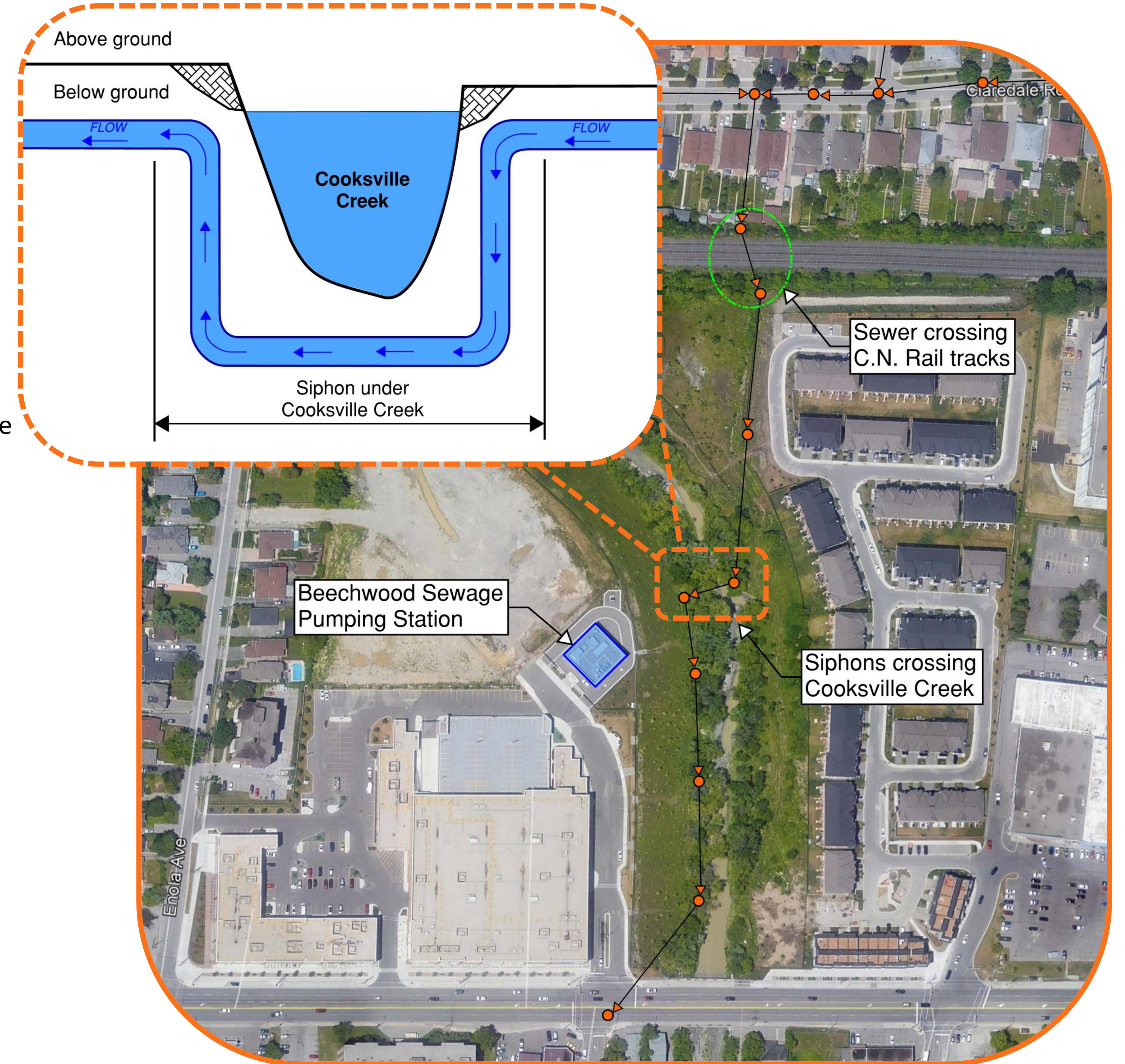
## Purpose of Public Consultation

The purpose of this public consultation is to tell you about:

- The problem solving process being followed
- The preferred solution for rerouting flows to bypass the siphons

## Background

Sanitary flows from the Claredale neighbourhood drain southwards, crossing the C.N. Rail tracks, then under Cooksville Creek by means of siphons. The flows eventually discharge to Beechwood Sewage Pumping Station.



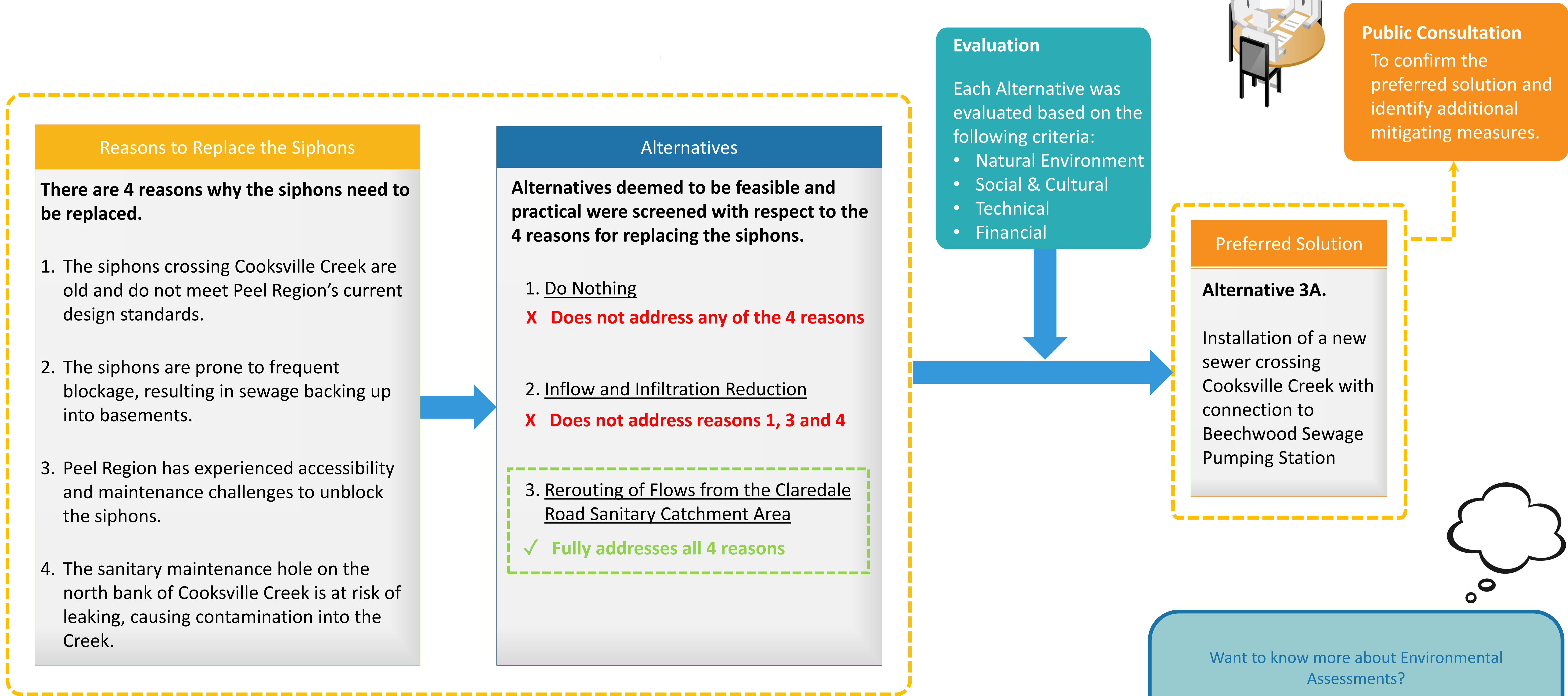
### Legend

- Existing Maintenance Hole
- ➔ Existing Sanitary Sewer Flow Direction



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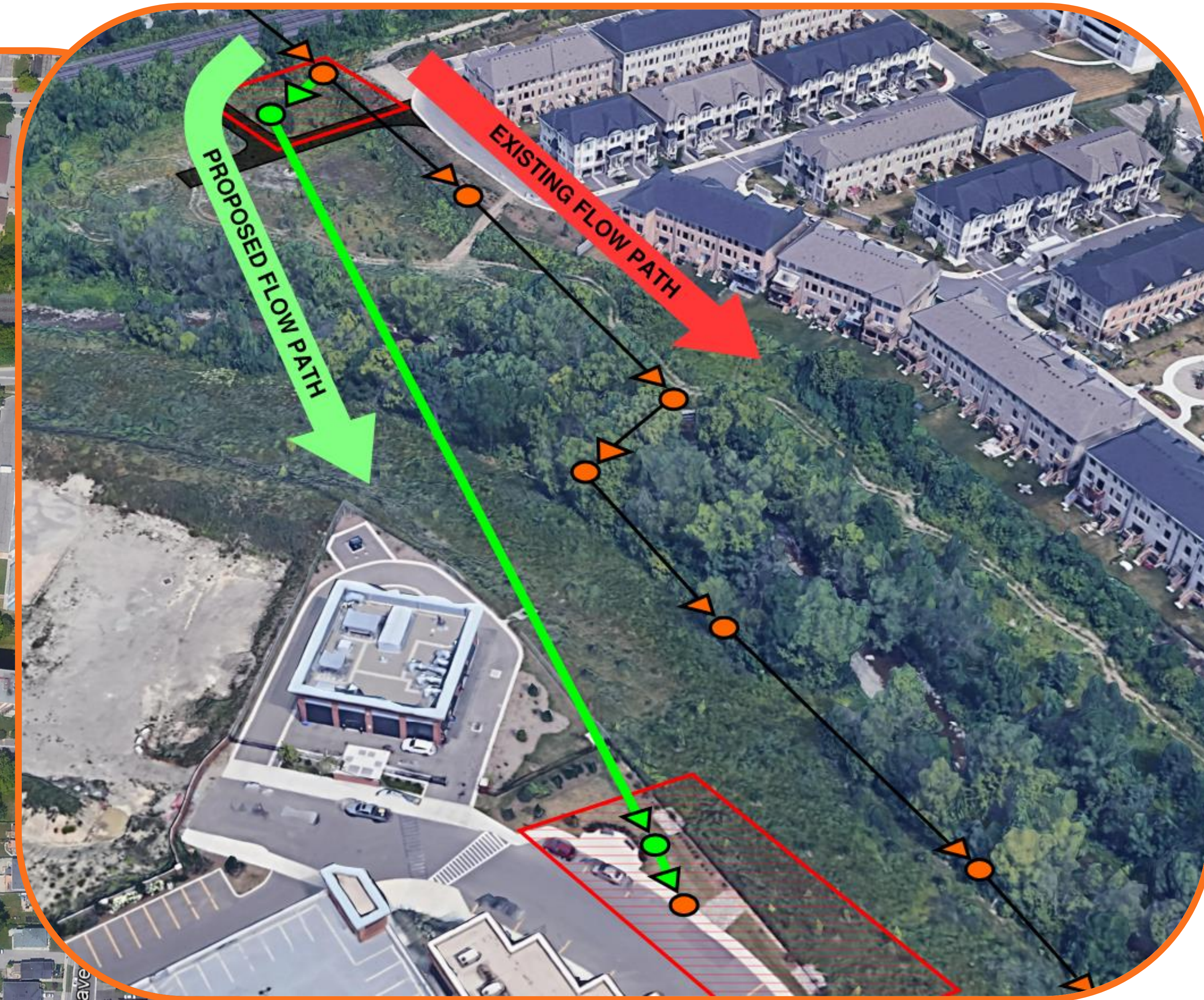
## Problem Solving Process





# Claredale Environmental Assessment

## Alternative 3A



### Legend

- Existing Maintenance Hole
- Existing Sanitary Sewer Flow Direction
- Proposed Sanitary Sewer Flow Direction
- Proposed Construction Compound
- Access Road

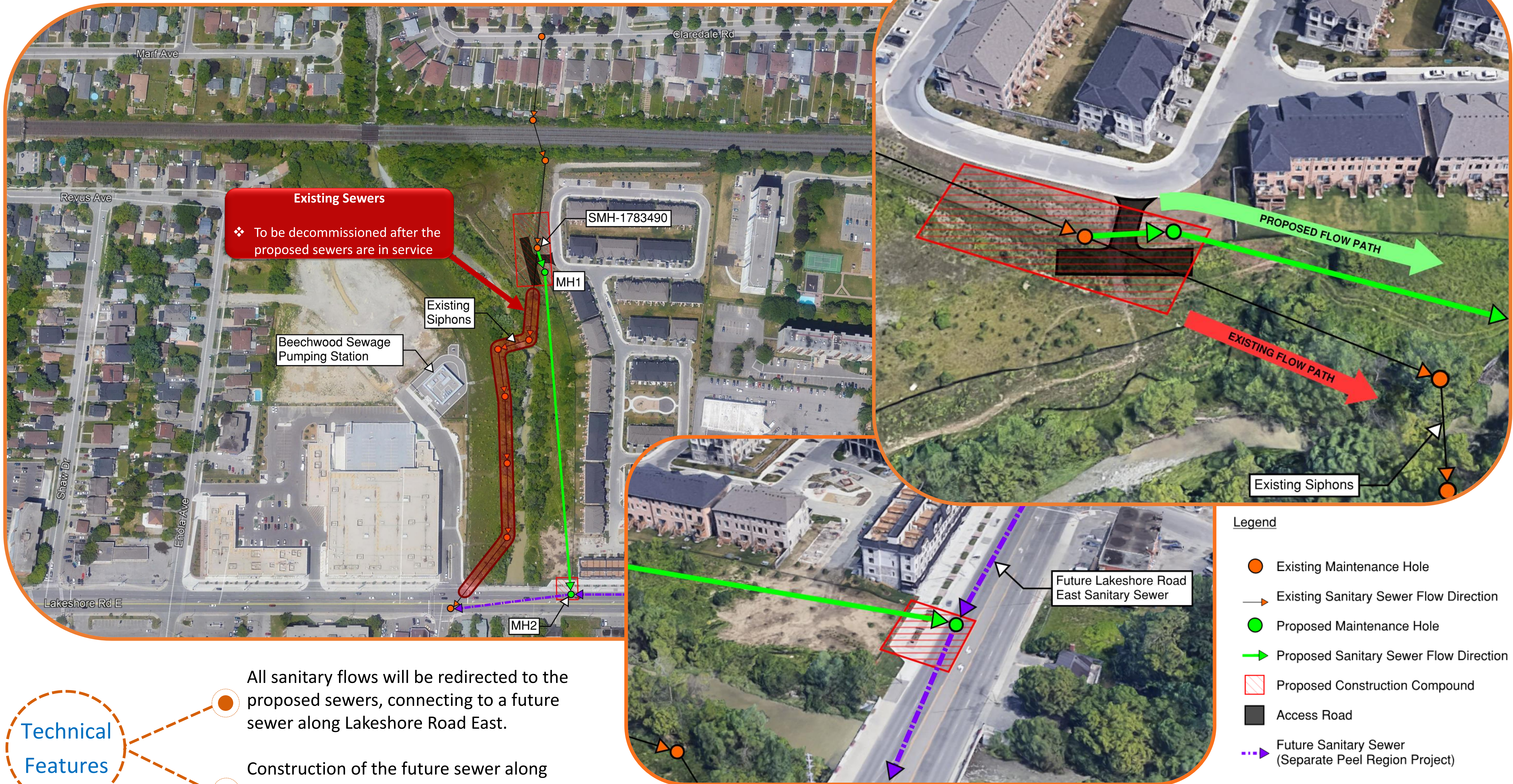
### Technical Features

- All sanitary flows will be redirected to MH2A via the proposed sewers crossing Cooksville Creek.
- The sewer crossing Cooksville Creek will be installed using a tunnel to avoid any direct impacts to the watercourse.



# Claredale Environmental Assessment

## Alternative 3B

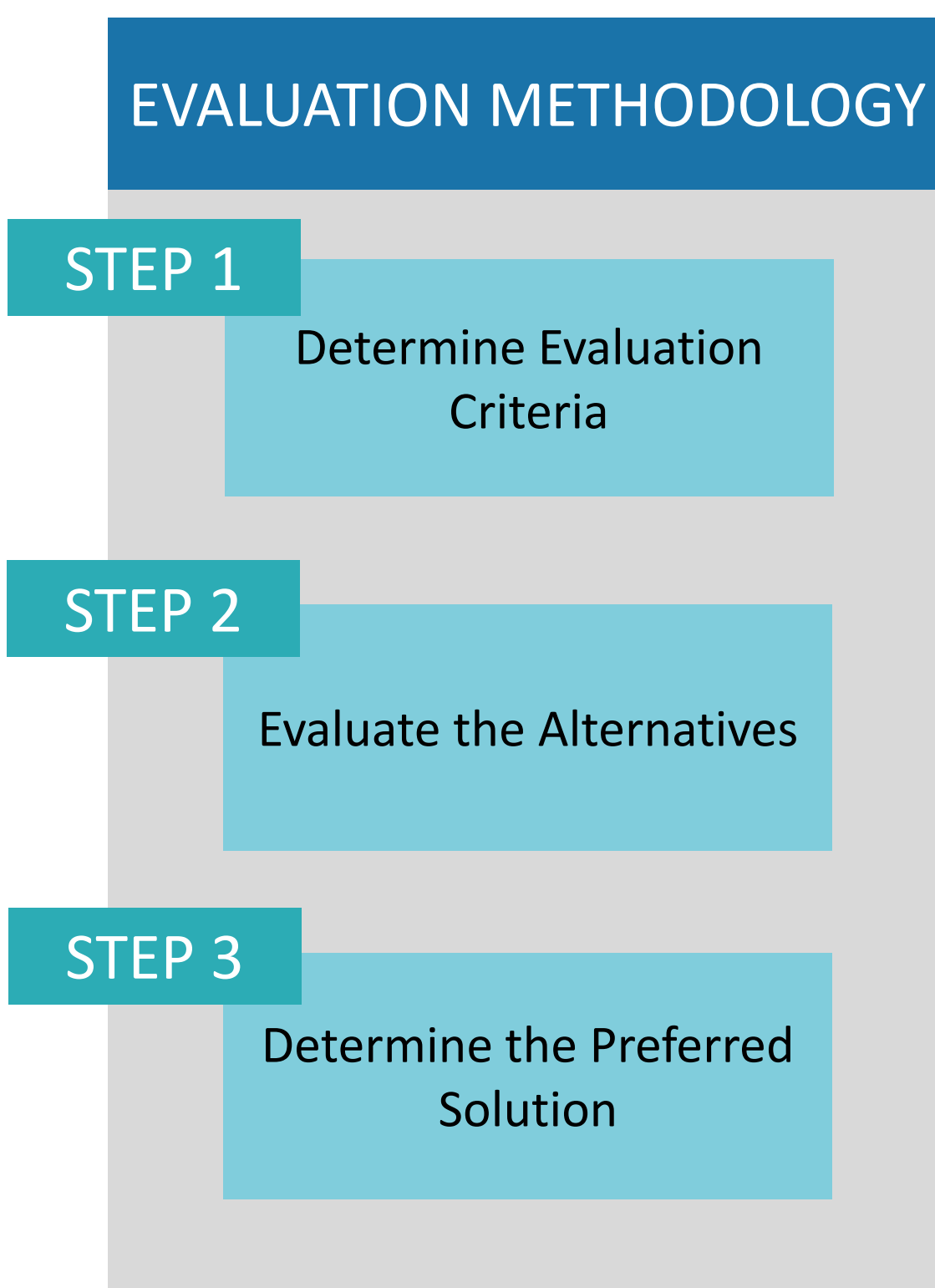




# Claredale Environmental Assessment



## Evaluation Criteria



# Claredale Environmental Assessment



## Evaluation Matrix

### Preferred Solution

EVALUATION CRITERIA	Alternative 3A	Alternative 3B
Natural Environment	The construction site is within lands designated as Greenlands – Natural Hazards Zone.	The construction site is within lands designated as Greenlands – Natural Hazards Zone.
Social & Cultural	Locating the main construction compound at Beechwood Sewage Pumping Station will reduce traffic, noise, and dust impacts to residents along Beachcomber Road.	Construction on Lakeshore Road East will result in significant traffic impacts, as well as dust and noise impacts to nearby residents and businesses.  The recently completed streetscaping works along Lakeshore Road East will need to be demolished and then rehabilitated.
Technical	There is some construction complexity involved in microtunneling under Cooksville Creek.	The major issue with this alternative is that it needs to connect to a sewer that has not yet been built. This new Lakeshore Road East sewer is to be constructed under a separate Peel Region project.  Construction on Lakeshore Road East will introduce complexity with traffic control and tighter space constraints.
Economic	Construction costs for this alternative are lower than Alternative 3B.	Construction costs will be higher due to the longer sewer length and cost of traffic control for works along Lakeshore Road East.

**EVALUATION COLOUR RATING SYSTEM**

- Most Preferred (Green bar)
- Less Preferred (Yellow bar)
- Least Preferred (Red bar)



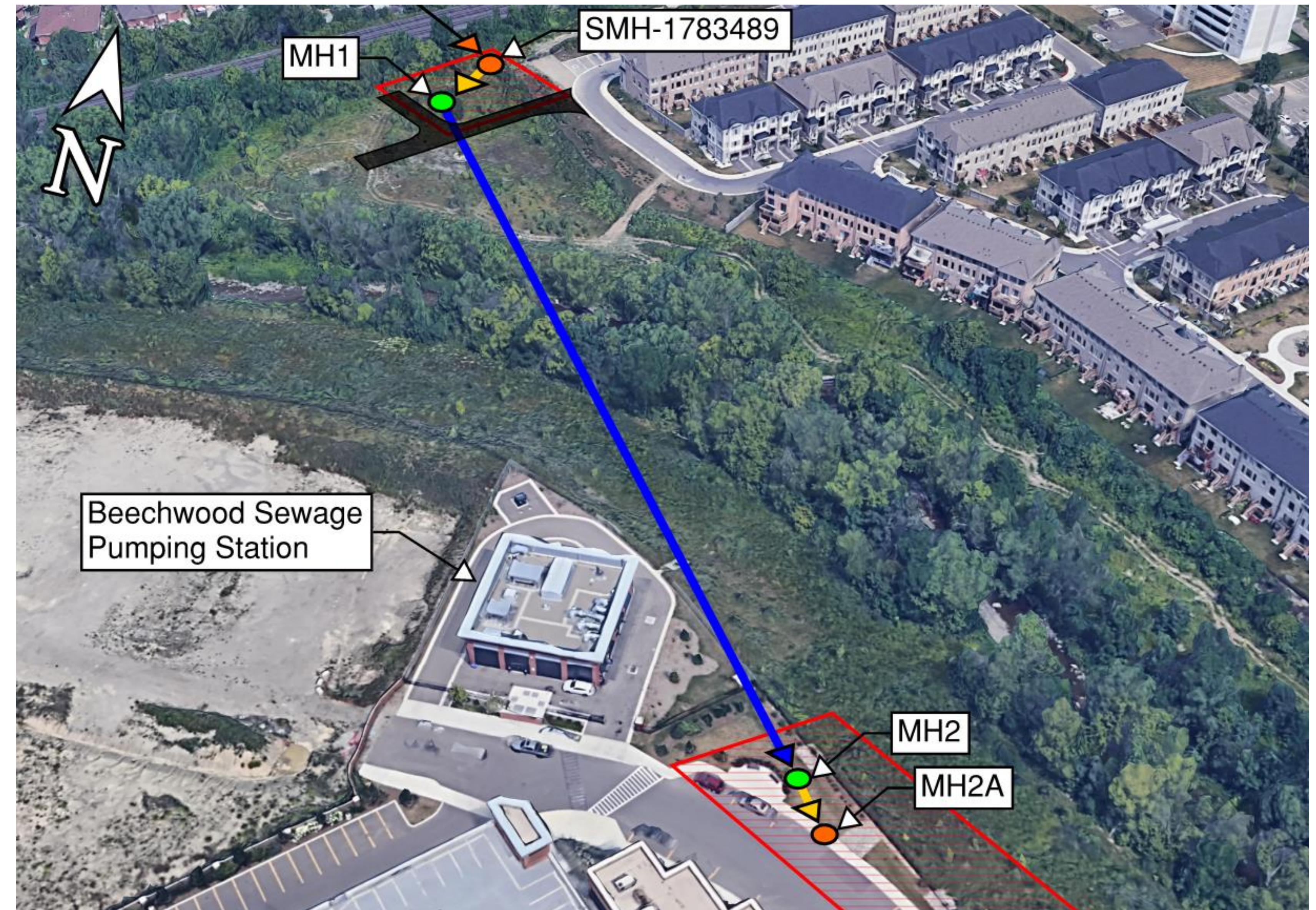
## Preferred Solution

### How will you be impacted?

- Estimated construction duration: 6 months
- Noise and dust from heavy machinery
- Construction traffic through Beachcomber Road to access MH1 and Beechwood Avenue to access MH2
- Once construction is complete, there will be no more dust, noise and traffic related construction impacts

### How will we reduce the ways you are impacted?

- Construction work hours will comply with the City of Mississauga noise by-law, limiting work from Monday to Saturday, between 7:00 a.m. to 7:00 p.m.
- The main construction compound will be located near Beechwood Sewage Pumping Station, reducing impacts to the Beachcomber Road neighbourhood
- Trenchless construction methods will be used to limit traffic, noise and dust impacts



#### Legend

- |  |  |
|--|--|
| Existing Maintenance Hole              | Proposed Maintenance Hole  |
| Existing Sanitary Sewer Flow Direction | Proposed Sanitary Sewer Flow Direction (Open Cut Installation)   |
| Proposed Construction Compound         | Proposed Sanitary Sewer Flow Direction (Trenchless Installation) |
| Permanent Access Road                  |  |



## Next Steps

### Stay Informed

If you would like to submit your comments directly to the Study Team, please contact:

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Please provide your feedback before July 24<sup>th</sup>, 2020.

