

Help Shape This Project!

Share your feedback, and
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Your Idlewood Greenway, your watershed

Design Consultation

May 1st, 2024 from 5:00 – 8:00 pm

Pacifique Nicholas, P.Eng., M.Eng., PMP
Project Manager
City of Kitchener
IdlewoodGreenway@kitchener.ca

Chris Denich, M.Sc. WRE, P.Eng., CAN-CISEC, GIP
Project Manager
Aquafor Beech Limited
denich.c@aquaforbееch.com



Project Background

The 2016 Integrated Stormwater Management Master Plan for the City of Kitchener found that about 75% of Kitchener has no stormwater management facilities. The Master Plan included a thorough analysis to find places for new facilities. Idlewood Greenway was one of 12 parks or greenways recommended for a stormwater facility.

Master Plan Criteria	Idlewood Greenway
An area bigger than 1 hectare	Idlewood Greenway is 1.2 hectares.
Land is not privately owned	Idlewood Greenway is owned by the City of Kitchener
A nearby storm sewer diameter is bigger than 450 millimetres	The storm sewer is 975 millimetres (0.975 metres) in diameter
The catchment area is large enough	20 hectares drains to Idlewood Greenway and doesn't currently receive water quality treatment
The site is not too steep	There is a large swale at Idlewood Greenway
The site does not have significant treed areas or wetland	There are mature trees, mostly around the perimeter
Ability to meet the City's water quality criteria	A facility at Idlewood Greenway could remove 80% of suspended solids in the runoff over the long term

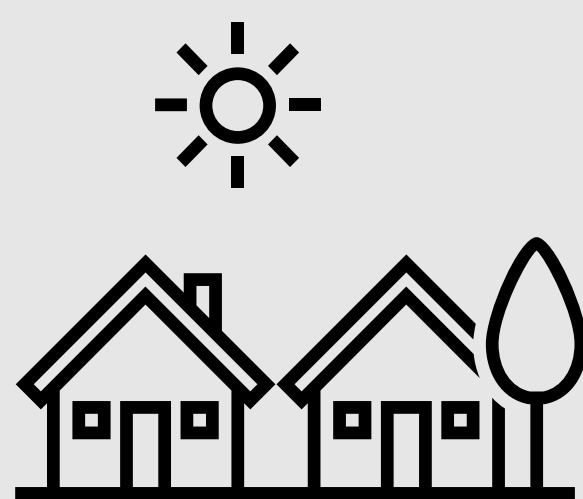
Based on the Master Plan recommendations, this project will aim to...



Protect and improve water quality



Reduce future flood risks



Respond to community needs

Catchment Area

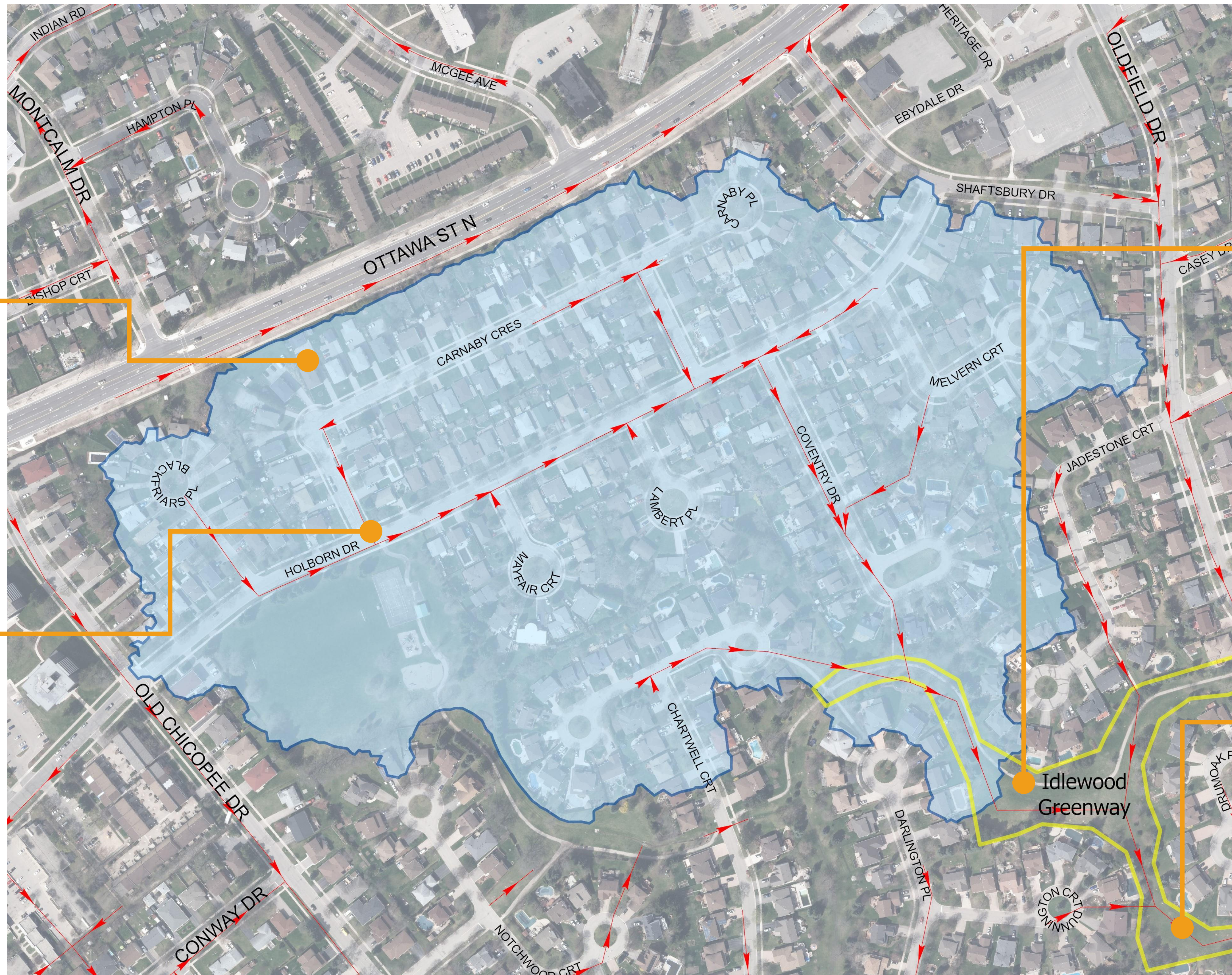
A large area of land drains to Idlewood Greenway.
None of the runoff from this area is currently treated to improve water quality.

Runoff from inside the blue solid lines does not have any water quality treatment right now

Runoff that flows along the street and storm sewers in the blue area will flow to Idlewood Greenway

New stormwater facility is needed at Idlewood Greenway to improve water quality

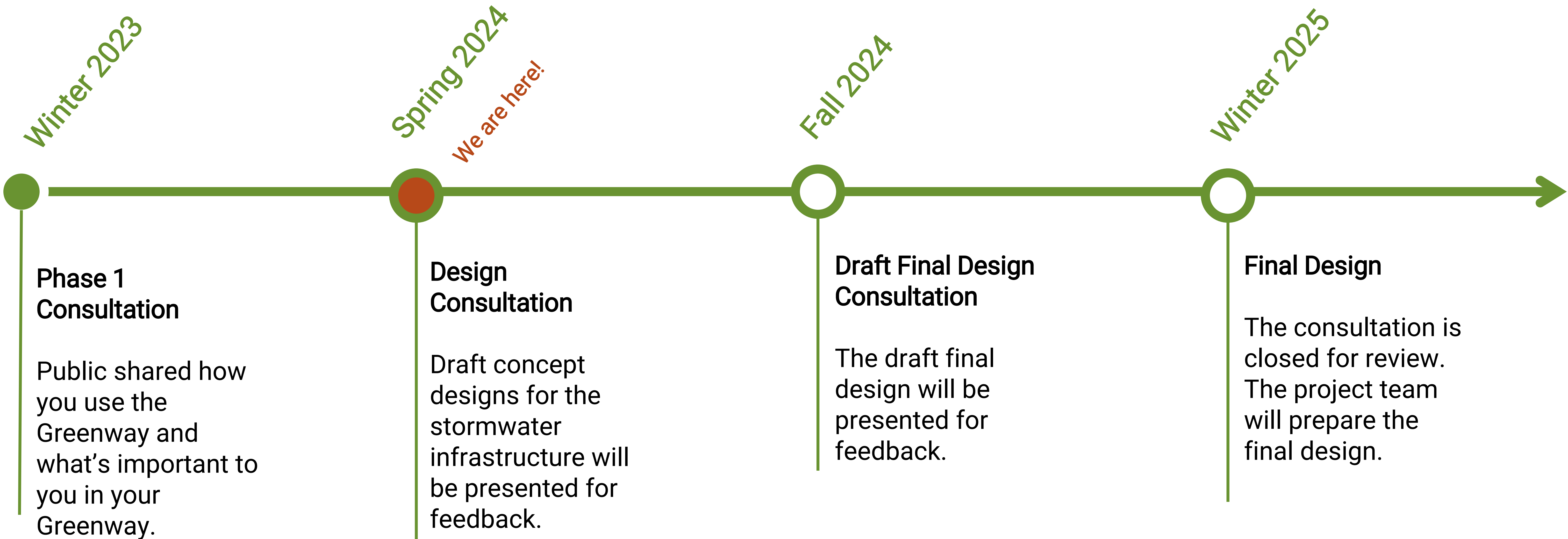
Downstream erosion and risks to infrastructure along Idlewood Creek can be reduced through a new stormwater facility



Engagement Timelines and Opportunities

The purpose of tonight’s event is to present the proposed design after we heard feedback from the public. We are looking for the public's feedback on the design.

Where are we in the process and when will you see us next?



What We Heard – Greenway Experiences and Changes

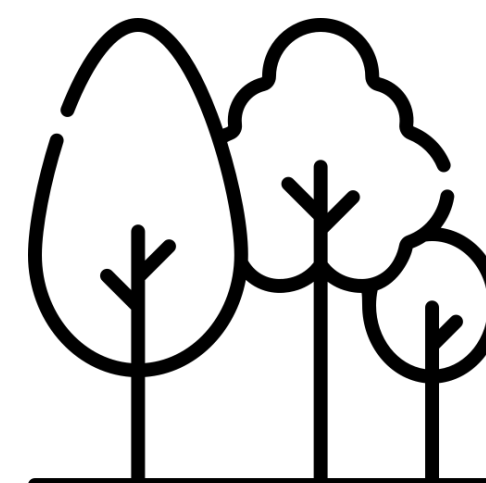
We heard you! Here are some common experiences people enjoy at Idlewood Greenway:



Using the trail all year for exercise, such as biking, jogging, and walking pets.



Connecting with family and community members in a safe outdoor space.



Immersing in nature by exploring the trees and looking at plants and wildlife.

We heard that there are changes people would like to see in the future, such as:



Improve drainage to avoid water ponding and ice on trails.

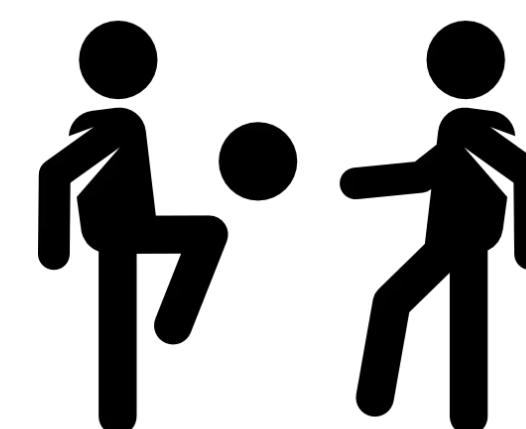


Improve surface of trails and extend to existing routes.



Plant trees and a mixture of native and pollinator plants to improve nature.

We heard other ideas for experiences. These ideas will not work in the Greenway because of various constraints:



Install play equipment or facilities to play sports.



Provide more amenities, like seating, tables and garbage cans within the space. These amenities are located in the nearby Eby Park.

Technical Definitions



Runoff – water and pollutants washed from surfaces during rain events or melting snow



Storm Sewer – underground pipes that collect runoff and direct it to creeks or lakes or stormwater facilities



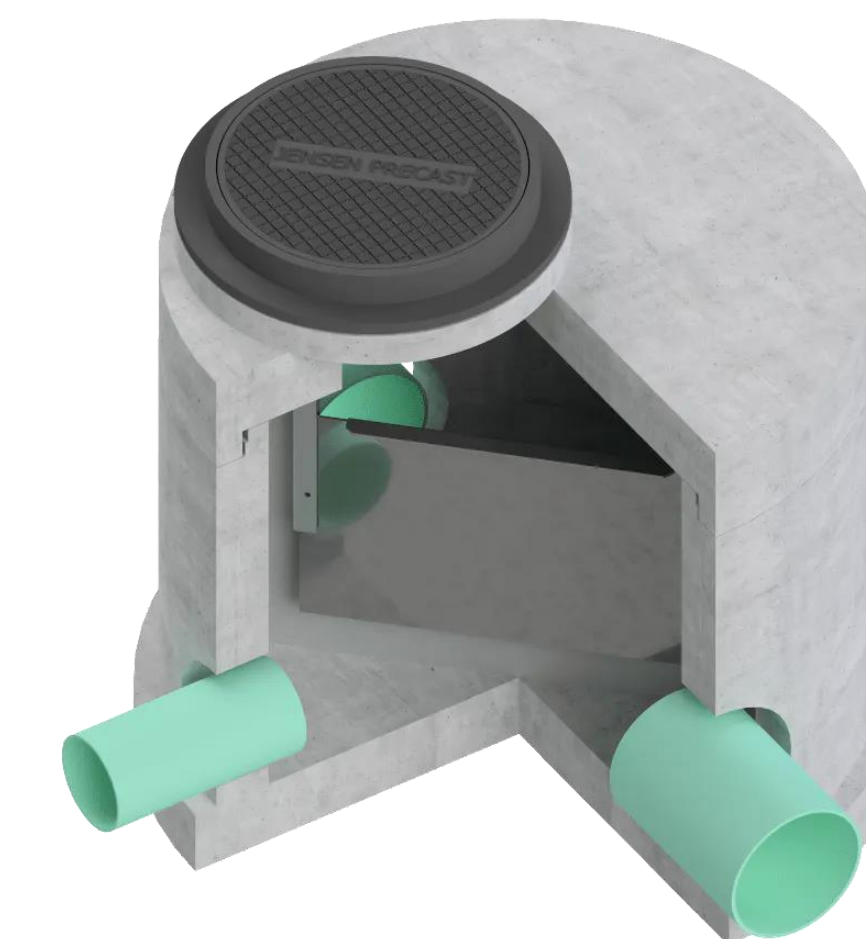
Oil and Grit Separator – a structure put in a sewer to remove pollutants from the water



Subsurface Storage facility – An open space to hold water underground like a pond. These pipes allow sediment to settle and clean the water.



Pedestrian trail/Access Road – a path that can be used by trucks to access the facility. It will also be used as a trail.

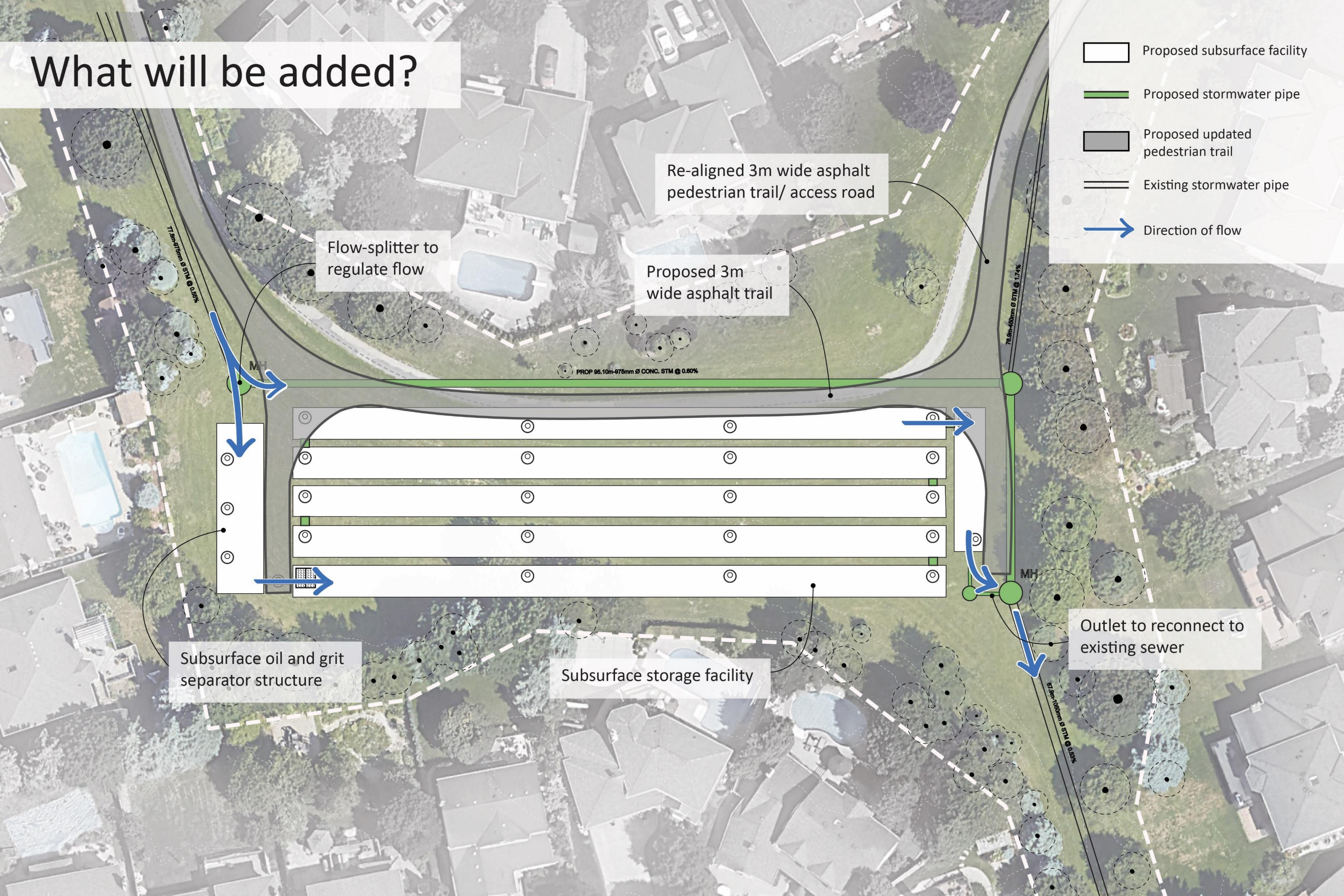


Flow-splitter - structure that directs small storm events to the facility. Larger flows will go around the facility.

What will be removed or changed?



What will be added?



Options for Surface Cover

Maintained Grass/ Mowed Turf Restoration



What would it look like?

Maintained Grass/ Mowed Turf



Low-growing Meadow Restoration



Low-growing Meadow



Idlewood Greenway



- Existing trees to be retained
- Proposed tree removal
- Proposed new trees
- Existing road network
- Removal and re-aligned pedestrian trail
- Proposed updated asphalt trail
- Proposed restoration area

Trails to be updated with new asphalt

Removal and Re-aligned 3m wide asphalt pedestrian trail/ access road

Proposed trail entrance with signage and removable bollard at Oldfield Drive

Existing trees to be removed

Proposed trees to be planted



Perspective View of the Final Facility

