

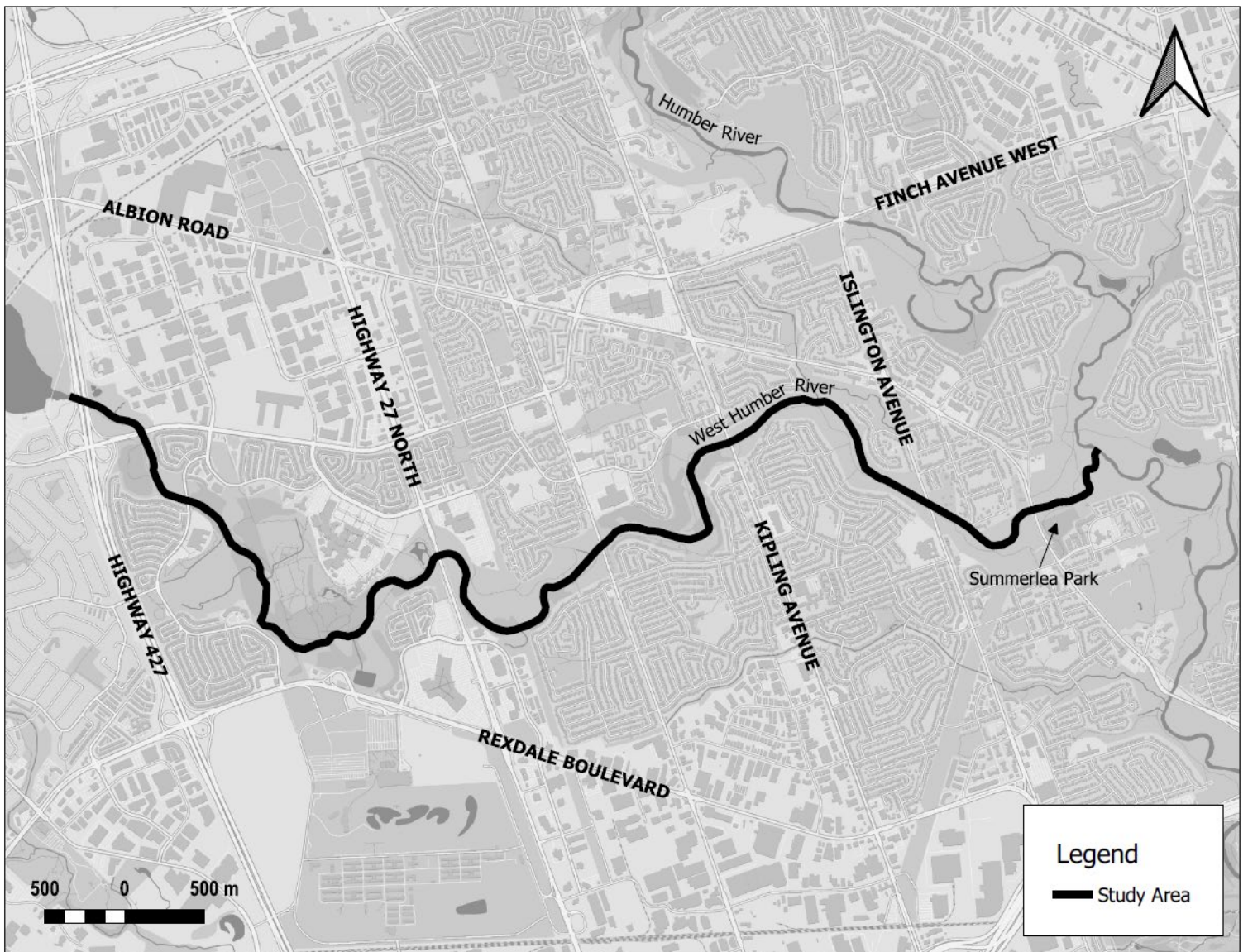
# West Humber River Geomorphic Systems Master Plan

The City of Toronto has initiated a study to identify sewer and watermain infrastructure located within West Humber River that is at risk of erosion from high flows due to storms and snow melt runoff. The study will evaluate and recommend solutions to reduce these erosion risks through an assessment of the river's geomorphology (stream processes).

The geomorphology of a river examines how natural and human factors have shaped its form and function over time. For example, how erosion can affect the path a river follows (form) and the aquatic and terrestrial habitats the stream supports (function).

## Study Area

The study area covers the 11 km length of West Humber River from near Highway 427 to where it meets the Humber River in Summerlea Park.



## Study Details

The study will focus on:

- Identifying sewers, watermains and outfalls located within the river that are at risk from erosion caused by flows from storms and snow melt runoff.
- Developing, evaluating and recommending solutions to reduce erosion impacts on the infrastructure, while improving aquatic and terrestrial habitats.

The study will not examine trail conditions or recommend improvements to trails, forestry or ravine amenities. The City may undertake separate efforts in the future to address these features.



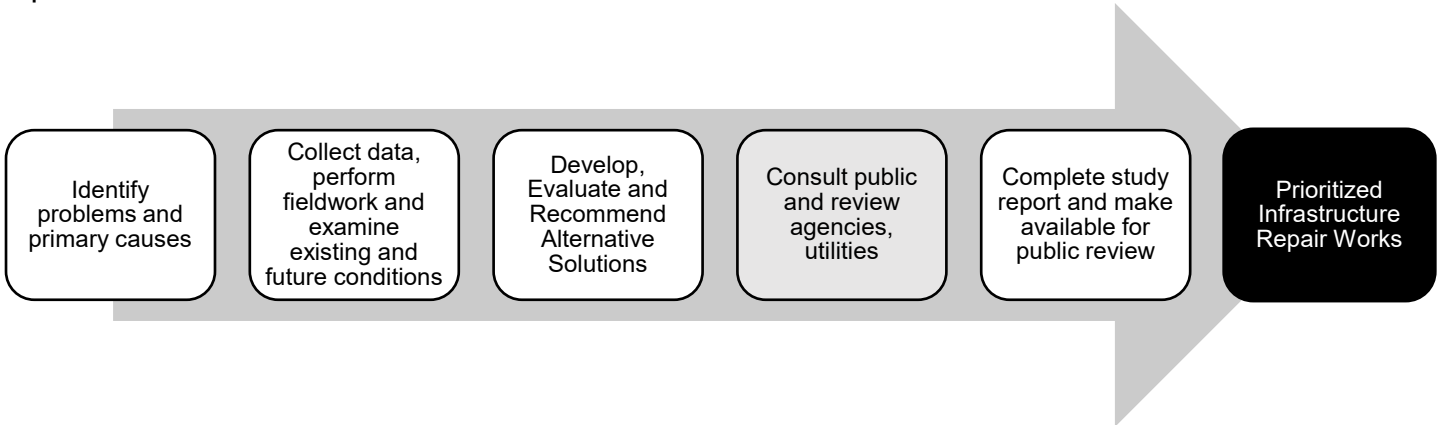
Exposed sanitary sewer



Erosion around a sanitary sewer

## Process

This study is being undertaken as a Master Plan which is a long-range plan that examines the needs within a geographic area and provides a framework and vision to implement recommended improvements. The study will follow the Municipal Class Environmental Assessment study process, an approved planning process under the Ontario Environmental Assessment Act, which includes providing opportunities for public input.



## Next Steps

- Develop and evaluate alternative solutions for each at-risk infrastructure location
- Share recommended solutions for feedback before completing the study

## More Information

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*\* Information will be collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act. With the exception of personal information, all comments will become part of the public record.*

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