

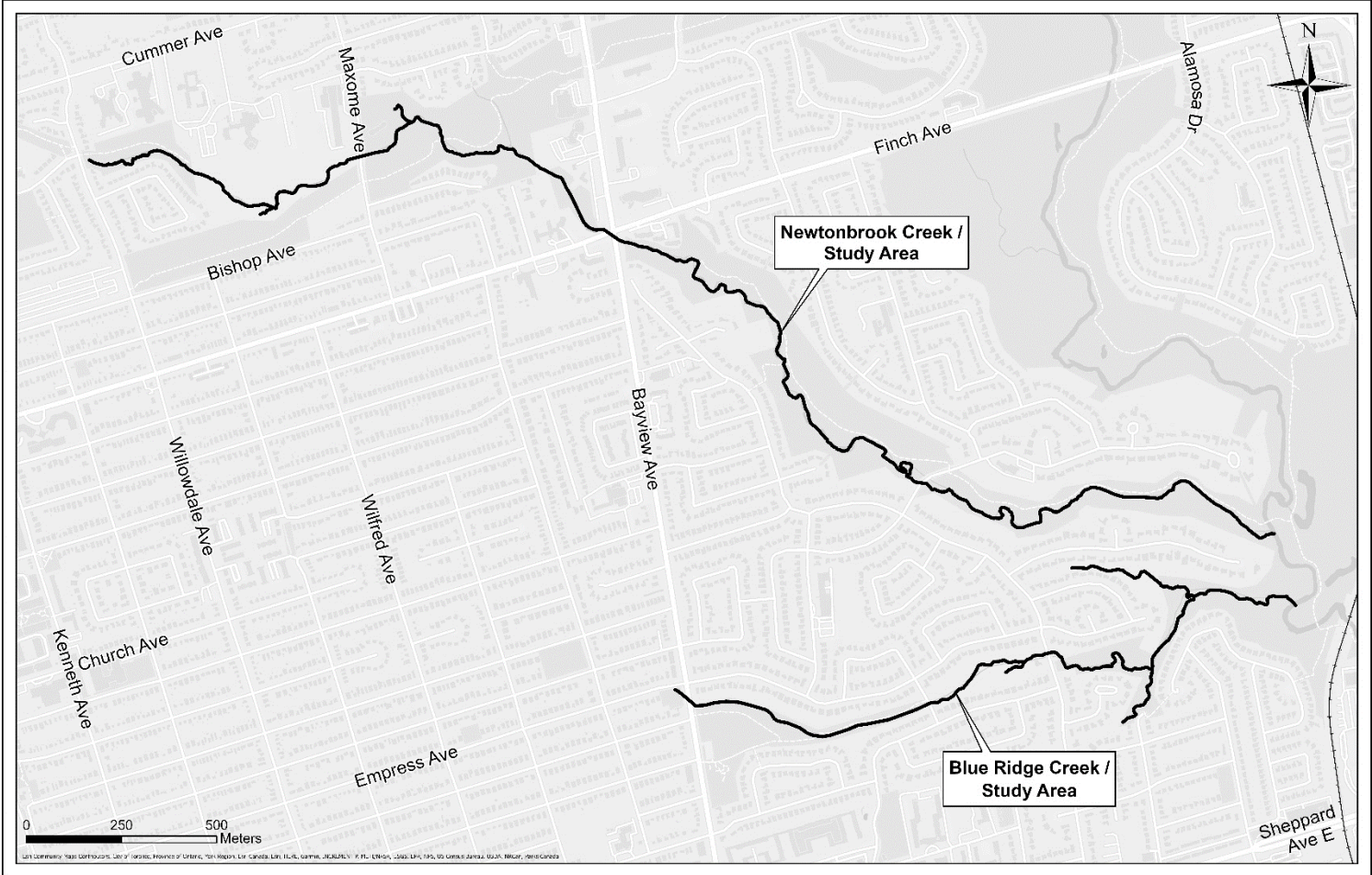
Newtonbrook & Blue Ridge Creeks Geomorphic Systems Master Plan

The City of Toronto has initiated a study to identify sewer and watermain infrastructure located within both Newtonbrook Creek and Blue Ridge Creek 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 creek's geomorphology (stream processes).

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

Study Area

The study area covers the 4 km length of Newtonbrook Creek from the East Don River to Willowdale Avenue and a 1 km length of Blue Ridge Creek from the East Don River to Bayview Avenue.



Study Details

- The study will focus on:
- Identifying sewers, watermains and outfalls located within the creek 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.



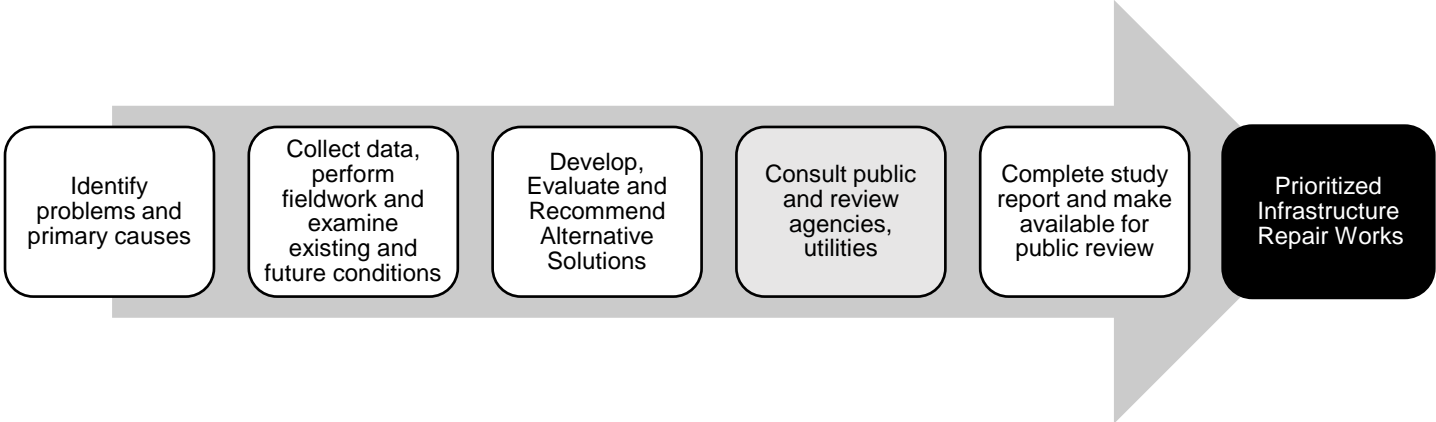
Exposed manhole in the bank



Significant bank erosion between the exposed sewer crossing and manhole

Process

This study is being undertaken as a Master Plan which is a long-range plan that examines the issues and solutions 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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