

HURON HEIGHTS PARK: Planned Underground Stormwater Management Facility

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Cooksville Creek Flooding

- In recent years, the Cooksville Creek watershed has experienced flooding events largely because of inadequate stormwater management and concentrated urban development.
- Extreme storms in 2010, 2013, and most recently, the flooding events of July 16 and August 17, 2024, caused significant damage to both public and private properties within the Cooksville Creek Floodplain.



Summer 2024

Cooksville Creek Flooding MCEA

The City of Mississauga undertook a Municipal Class Environmental Assessment (MCEA) Study in July 2012 to develop a strategy to reduce the risk of flooding in the watershed.



Summer 2024

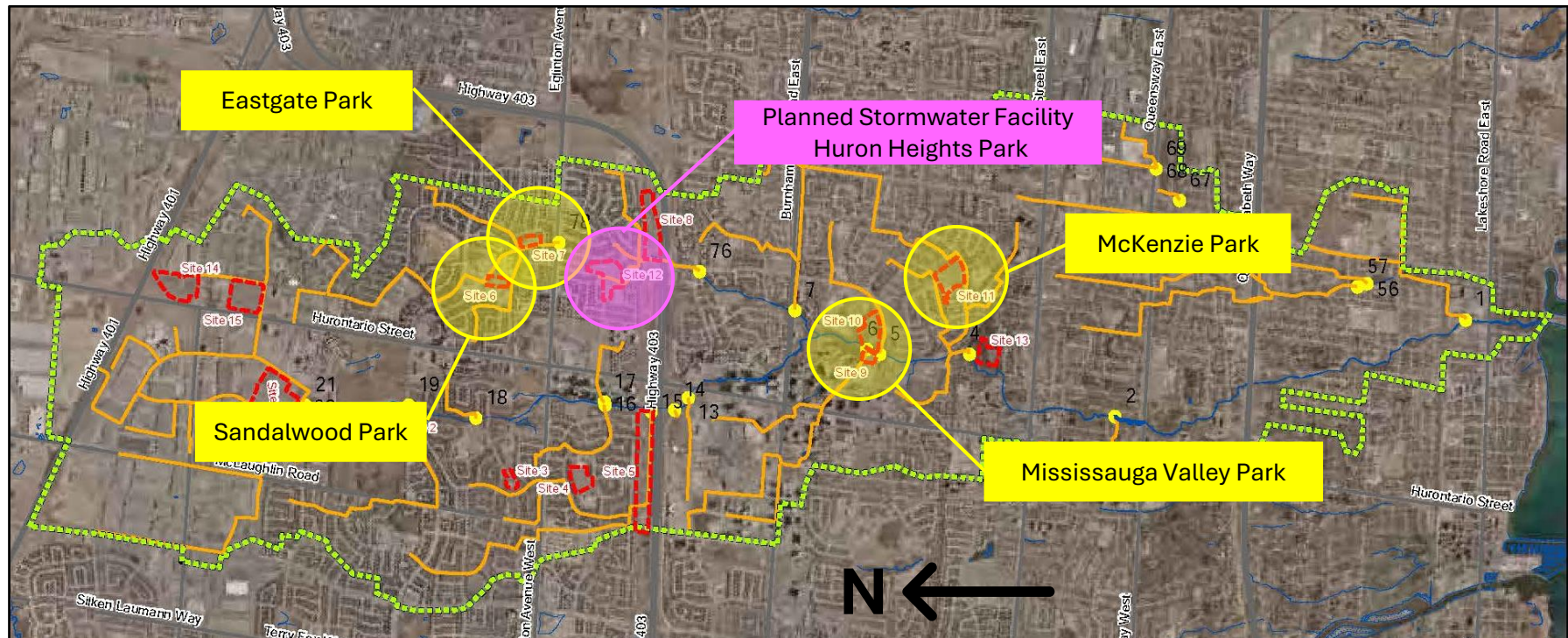
Project Background

- The completed EA Study recommended the construction of up to 13 stormwater management facilities used to store water during large storm events.
- Huron Heights Park was selected as a location for one of these facilities.
- The proposed stormwater management facility under Huron Heights Parks will have the capacity to store approximately 5,000 cubic metres of water, decreasing the risk of flooding downstream.



Previous Projects

Facilities like this have been constructed throughout Mississauga at Sandalwood Park, Eastgate Park, Mississauga Valley Park and McKenzie Park



Existing Huron Heights Park

- Huron Heights Park consists of approx. 7 hectares of public space, containing a trail system, fitness loop, playground, splashpad, baseball diamonds and cricket pitch.
- The facility is proposed to be installed beneath the north-west baseball diamond.
- Storm sewers from the surrounding neighbourhood collect and convey stormwater beneath the park, ultimately outletting to Cooksville Creek downstream



Facility Summary

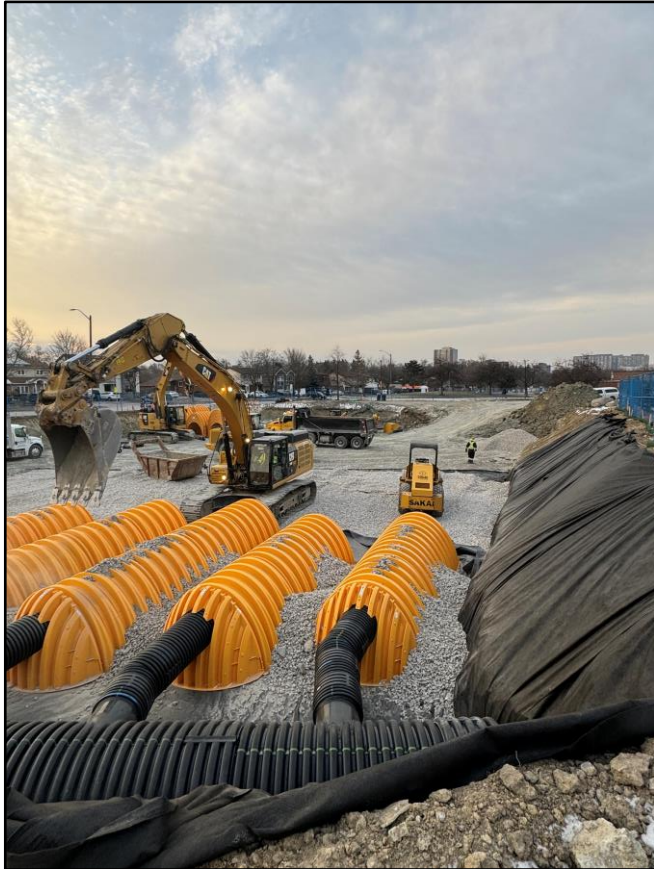


Image from installation at McKenzie Park, Mississauga

- The proposed underground storage facility will have the capacity to store approximately 5,000 cubic metres during large storm events.
- The facility will include an oil and grit separator to remove sediment and oil from contributing runoff, helping to keep excess sediment and debris out of Cooksville Creek
- The construction of this project, along with other facilities including Eastgate, Sandalwood and McKenzie Parks, will increase the available capacity of storm sewers and watercourses downstream. This ultimately reduces the risk of flooding during large storm events.

Project Benefits

The new proposed project will provide many benefits to residents of Mississauga including:

- New landscaping of disturbed areas in the park;
- Updated baseball diamonds;
- Improved drainage within the park and surrounding area during rainfall events; and
- Reduce risk of flooding in the Cooksville Creek Watershed downstream of Huron Heights Park.

Project Summary



Image from installation at McKenzie Park, Mississauga

The project will include the following:

- Removal of the existing baseball structures, minor tree removal, temporary restrictions on a portion of the trail within the park, and temporary closure of the parking lot on Huron Heights Dr.
- Excavation and construction activities within the ball diamond areas;
- Installation of the underground stormwater facility, including tanks and intake/outlet structures;
- Backfilling and regrading of the park;
- Replacement/restoration of all impacted park structures including the trail, ball diamonds and parking lot; and
- Landscaping including new trees and shrubs surrounding the Park.

Next Steps

- The City of Mississauga is now moving forward with construction of the project.
- Engineering design for the project is nearing completion, with comments received to be considered in finalizing the design.
- Construction is planned to begin in late summer 2025, with completion anticipated in Summer 2026.

Contact Information

If wish to provide comments on the proposed work or have questions about the project, please contact one of the identified Project Team members listed below



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