

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 16th and August 17th, 2024, caused significant damage to both public and private properties within the Cooksville Creek Floodplain.



Summer 2024

Cooksville Creek Flooding

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



Summer 2024

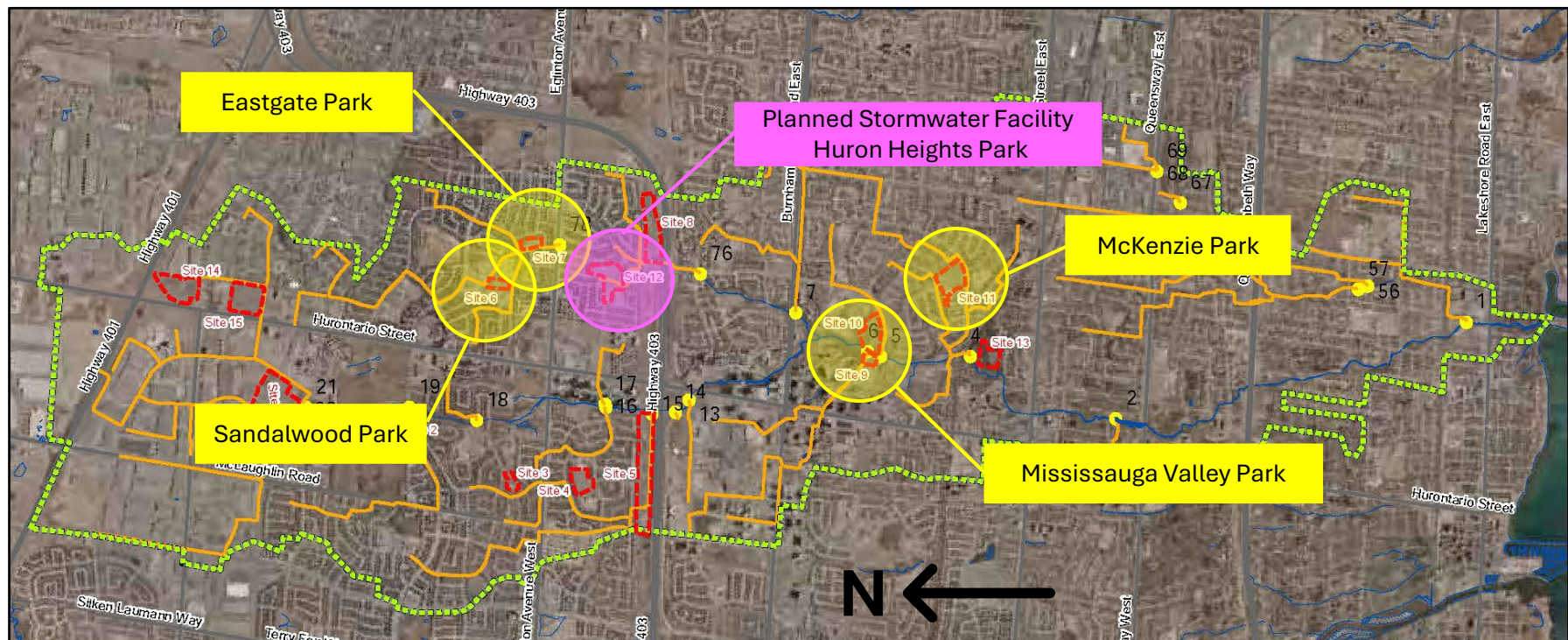
Project Background

- The completed EA Study recommended the construction of up to thirteen 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 m³ 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 m³ during large storm events.
- The facility will include an oil/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 Park, Sandalwood Park, and McKenzie Park, 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 diamond;
 - 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

The project will include the following:



Image from installation at McKenzie Park, Mississauga

- 2026 Closure of the existing north baseball diamond and the cricket/soccer field, minor tree removal, and temporary restrictions on a portion of the trail within the park.
- Excavation and construction activities within the ball diamond area;
- Storage and stockpiling in the cricket/soccer field
- Installation of the underground stormwater facility, including tanks and intake/outlet structures;
- Backfilling and regrading of the park;
- Replacement/restoration of impacted park structures including the trail and ball diamond; 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 has been completed.
- Construction is planned to begin in early 2026, with completion anticipated in late Summer 2026.

Contact Information

- If have questions about the project, please contact one of the identified Project Team members listed below



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