London Downtown Sewer Capacity Expansion Project

Public Update Meeting

Presented by the City of London and Stantec

Welcome

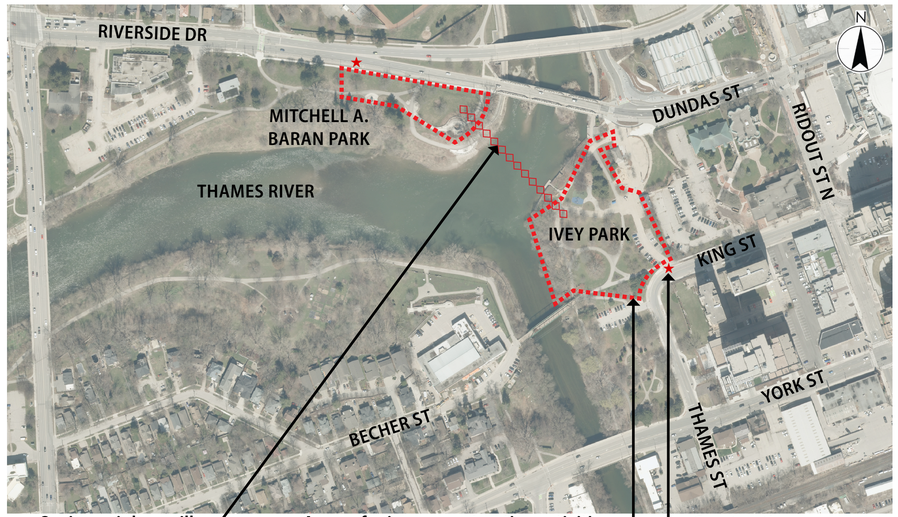
Tuesday, February 11, 2025

Note: all photos by Stantec unless otherwise stated

Project Summary

Project Location

MITCHELL A. BARAN PARK & IVEY PARK - CITY OF LONDON



Source: City of London online mapping

Project Team

CITY OF LONDON

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Project Overview

The existing sanitary siphon that crosses the Thames River is a **critical piece of the City's infrastructure** as it carries sanitary flows from the downtown core and connects to the Greenway Low Level Trunk Sewer which in turn conveys flows to the Greenway Wastewater Treatment Centre. **The siphon was constructed in 1935 and is considered to have reached the end of its useful life**.

The London Downtown Sewer Capacity Expansion Project will include replacement of the existing siphon with a new 3-barrel siphon configuration with connections to the upstream and downstream sewer. **The new siphon will provide increased capacity allowing for future development and intensification of the downtown core.**

Work is planned at Mitchell A Baran Park and Ivey Park, and will include below ground infrastructure to support the construction and operation of the siphon. The new construction will also provide the City the opportunity to divert flows from the high level sewer system to the low level (siphon). This in return will allow the City to reduce by-passing of sewage flows to the Thames River. **The sanitary siphon itself will be tunneled under the Thames River and will be the largest tunneling project completed to date in London**.

Estimated Construction Schedule

Feb 2025	Pre-construction tree removal in Mitchell A. Baran Park & Ivey Park
Summer 2025 - Spring 2026	Active construction in Mitchell A. Baran Park & Ivey Park
Spring/Summer 2026	Landscape restoration, project completion and demobilization

Detours & Park Amenity Closures During Construction

Pedestrian & Cyclist Detours

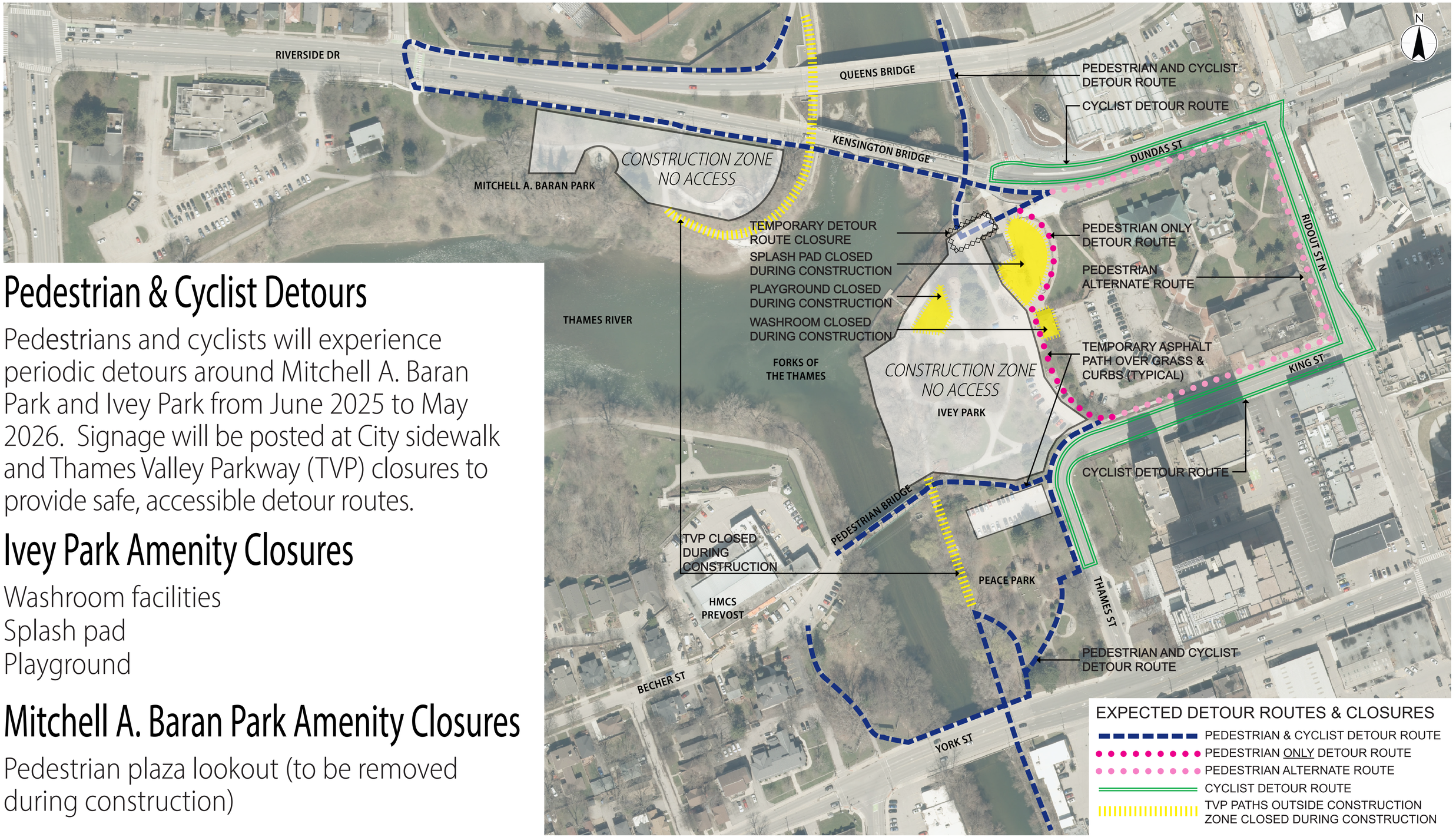
Pedestrians and cyclists will experience periodic detours around Mitchell A. Baran Park and Ivey Park from June 2025 to May 2026. Signage will be posted at City sidewalk and Thames Valley Parkway (TVP) closures to provide safe, accessible detour routes.

Ivey Park Amenity Closures

Washroom facilities
Splash pad
Playground

Mitchell A. Baran Park Amenity Closures

Pedestrian plaza lookout (to be removed during construction)



Tree Impacts - Mitchell A. Baran Park

Summary

Quantity of trees to be removed: 9

All trees to be removed are associated with the pedestrian plaza on the east end of the park. These tree removals will facilitate the London Downtown Sewer Capacity Expansion Project and the expected construction impacts of the upcoming West London Dyke reconstruction project.

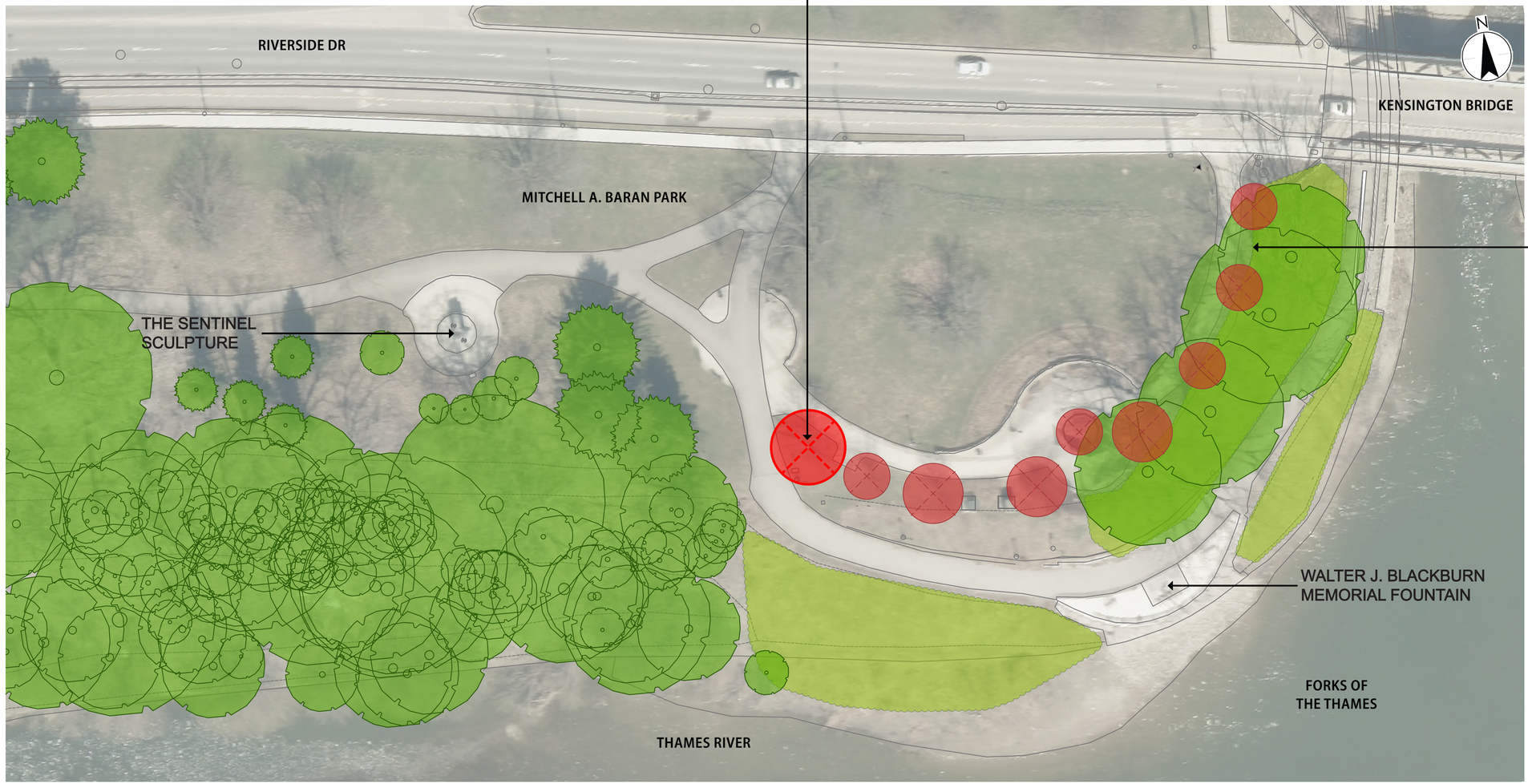
Memorial Tree Impacts (1)

A Sugar Maple and memorial plaque dedicated to William Robert White will be removed to facilitate construction.
The memorial plaque will be carefully relocated to the base of a replacement tree. Refer to Park Restoration for location.





William Robert White memorial tree and plaque





Large Cottonwood trees on riverbank to remain, decorative Zelkova trees along path to to be removed

LEGEND

- DECIDUOUS TREE TO BE RETAINED
- CONIFEROUS TREE TO BE RETAINED
- DECIDUOUS TREE TO BE REMOVED
- MEMORIAL TREE TO BE REMOVED *(REFER TO PARK RESTORATION FOR REPLACEMENT LOCATION)*
- VEGETATION TO BE RETAINED

Tree Impacts - Ivey Park

Summary

Quantity of trees to be removed from park: 33
Quantity of trees to be removed from riverbank: 34
Other tree removals: 1 cedar hedge

All trees to be removed are in conflict with proposed infrastructure renewal and excavation required to access deep infrastructure.

Memorial Tree Impacts (2)

A Red Oak and memorial plaque dedicated to Howard G. Smith Jr. will be removed to facilitate construction.
The memorial plaque will be carefully relocated to the base of a replacement tree. Refer to Park Restoration for location.



Howard G. Smith Jr. memorial tree and plaque



A Freeman Maple (no memorial plaque) noted on the City tree inventory as a memorial tree will be removed to facilitate construction.
A replacement tree will be planted; refer to Park Restoration for location.

Memorial tree





Specimen London Planetree to remain



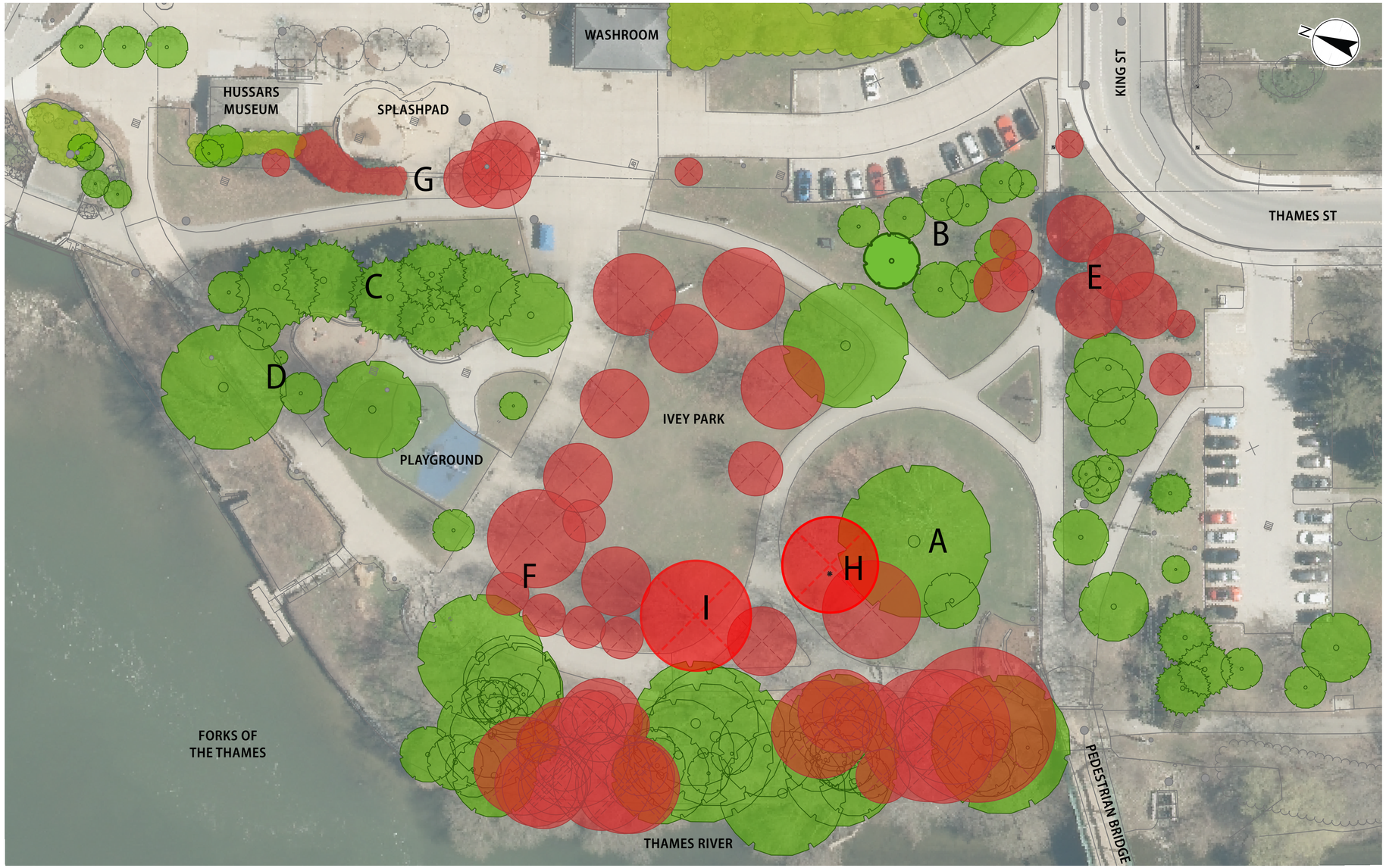
9 of 12 Flowering Cherrys in cherry grove to remain



Mature Norway Spruce beside playground to remain

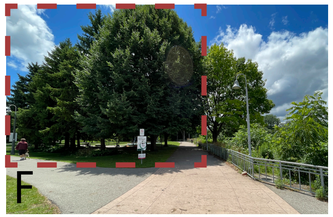


Mature deciduous trees shading playground to remain

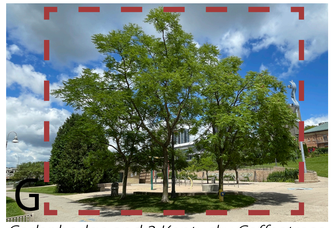




Group of Austrian Pine trees to be removed



18 trees in park interior to be removed

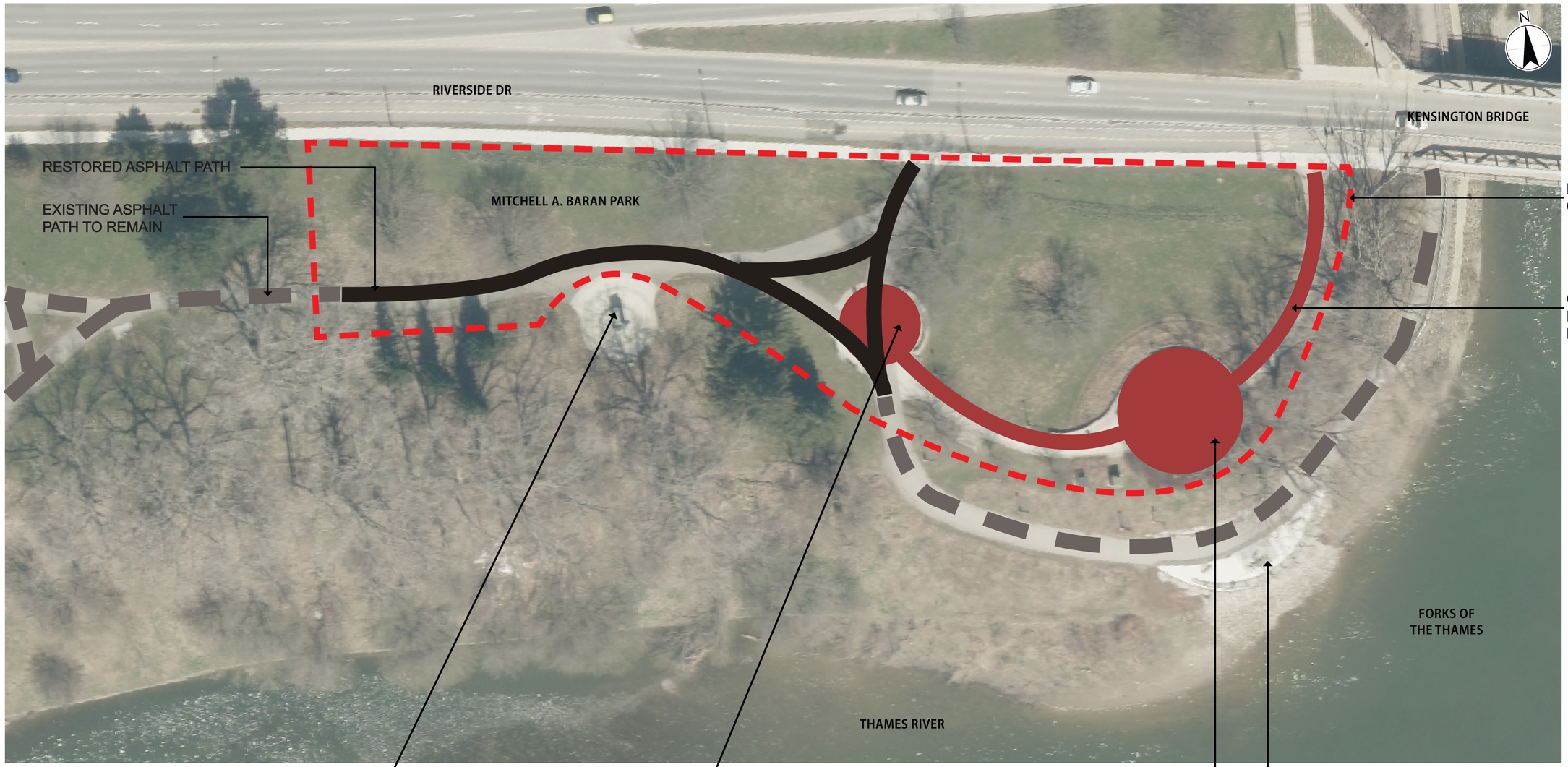


Cedar hedge and 3 Kentucky Coffeetrees beside splash pad to be removed

LEGEND

- DECIDUOUS TREE TO BE RETAINED
- CONIFEROUS TREE TO BE RETAINED
- DECIDUOUS TREE TO BE REMOVED
- MEMORIAL TREE TO BE REMOVED *(REFER TO PARK RESTORATION FOR REPLACEMENT LOCATION)*
- MEMORIAL TREE TO BE RETAINED
- VEGETATION TO BE RETAINED

Construction Impacts - Mitchell A. Baran Park



THE SENTINEL SCULPTURE & SURROUNDING CONCRETE SEATING AREA TO REMAIN



Photo source: London Free Press

SEATING AREA AND FURNISHINGS TO BE REMOVED



Photo source: Google Streetview

PEDESTRIAN PLAZA, SHADE SAILS, LANDSCAPING AND FURNISHINGS TO BE REMOVED



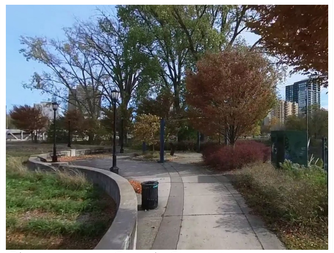


Photo source: Google Streetview

WALTER J. BLACKBURN MEMORIAL FOUNTAIN TO REMAIN



Construction Impacts - Ivey Park

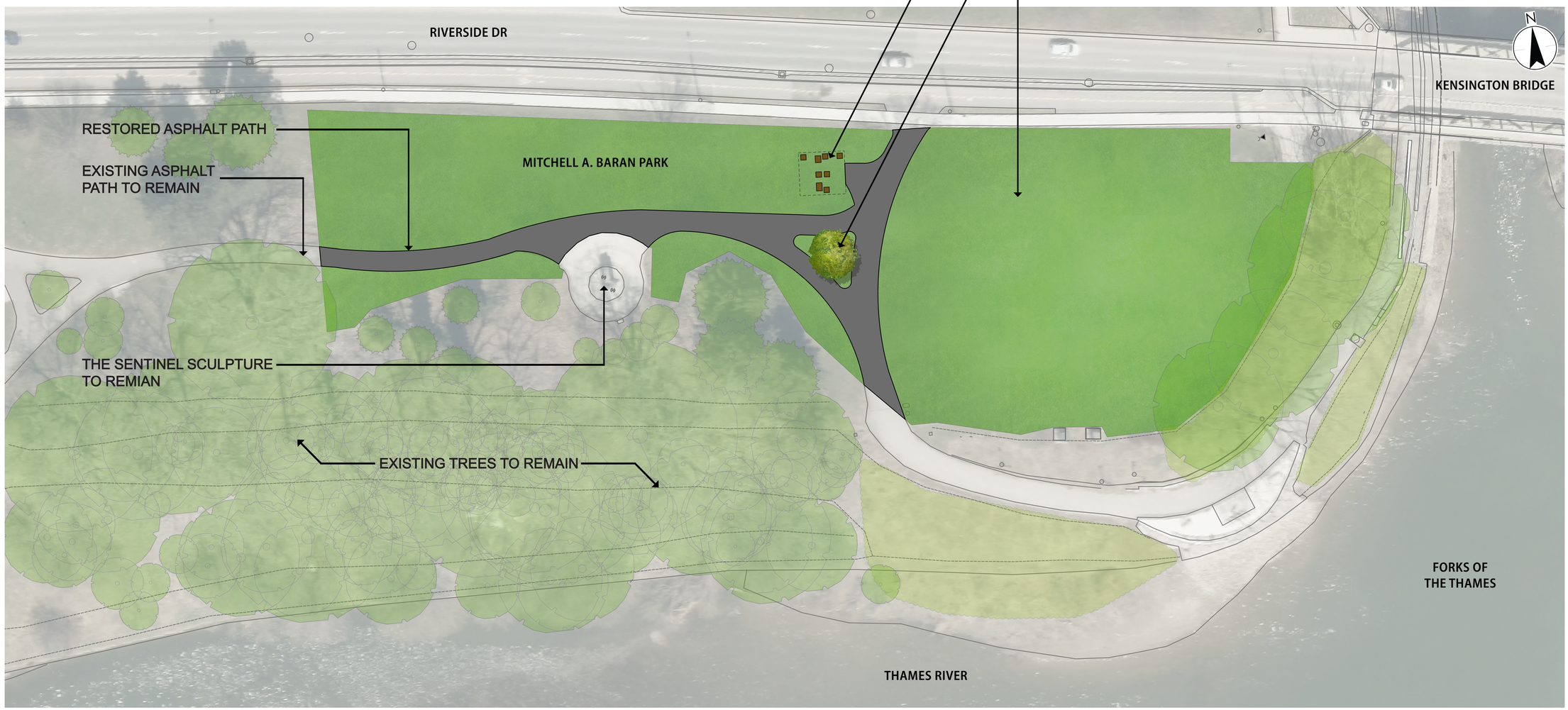


Park Restoration - Mitchell A. Baran Park

Restoration Notes

Restoration in Mitchell A. Baran Park is limited due to further construction impacts expected in the Park 2026 for construction of the West London Dyke. Restoration efforts associated with the London Downtown Sewer Capacity Expansion Project will include reinstatement of a section of asphalt path to provide continued pedestrian connectivity, replacement of a removed memorial tree, topsoil and seeding.

The City of London will be making further improvements to the Park following completion of the West London Dyke Project.



Park Restoration - Ivey Park

GARDEN RESTORATION AROUND HUSSARS MUSEUM & SPLASHPAD

RESTORED CONCRETE

RESTORED ASPHALT

ORIGINAL PARK SIGNAGE AND FURNISHINGS TO BE RESTORED AND REINSTATED









Restoration Notes

Restoration efforts in Ivey Park will include new concrete and asphalt paths, refurbishment of all park signs and furnishings, proposed tree planting including large caliper trees to be spaded in, replacement of two memorial trees, topsoil and sod.

MECHANICAL CONTROL CHAMBER AT GRADE ON CONCRETE PAD WITH DECORATIVE METAL FENCING AND PLANTING.

MEMORIAL TREE FOR CHARLES B. CHAPMAN TO REMAIN

PROPOSED FLOWERING CHERRY TREES

MANHOLE LID AT GRADE

PROPOSED DECIDUOUS TREES

LARGE CALIPER TREES TO BE SPADED IN

SIPHON UPSTREAM CHAMBER. MAINTENANCE CHAMBER IS BELOW GRADE WITH ACCESS HATCHES AT GRADE.

DISTURBED AREAS TO BE RESTORED WITH TOPSOIL AND SOD

REPLACEMENT MEMORIAL TREE FOR HOWARD G. SMITH JR., COMPLETE WITH MEMORIAL PLAQUE.

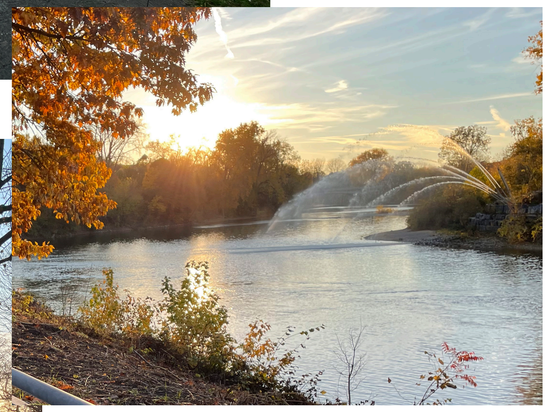


REPLACEMENT MEMORIAL TREE (NO PLAQUE)

BANK RESTORATION WITH TREES AND SEED

Stay Informed







Staying Informed

For ongoing information on project status, construction activities, Thames Valley Parkway detours, park amenity closures, etc., please refer to the City of London **'Get Involved'** website. https://getinvolved.london.ca/downtown-sewer-capacity

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Thank you for joining us

Stantec

London CANADA