

CATHERINE STREET WATERMAIN REPLACEMENT, SIDEWALK INSTALLATION, AND STORM SEWER RECONSTRUCTION

DORCHESTER, ONTARIO



CONSULTING CIVIL ENGINEERS



CONTACT INFORMATION

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PROJECT LOCATION

CATHERINE STREET WATERMAIN
REPLACEMENT, SIDEWALK
INSTALLATION, AND STORM SEWER
RECONSTRUCTION

PHASE 2:
CONSTRUCTED IN
2023/2024

PHASE 1:
CONSTRUCTED IN
2022/2023

PHASE 3:
TO BE CONSTRUCTED IN 2026/2027

WHAT WORK IS GOING TO BE DONE?

- Replacing and extending storm sewers with new storm sewers and catchbasins.
- Provide storm PDCs (Private Drain Connections) for existing or future sump pump discharge (properties on the north side). Roof leaders must outlet above ground on private property.
- Replace watermains, water services to property line, new fire hydrants.
- Surface works including addition of sidewalk (north side of Catherine Street), new asphalt where required, driveway replacement where required, boulevard regrading.
- This is the third phase of construction.

WHEN WILL CONSTRUCTION OCCUR?

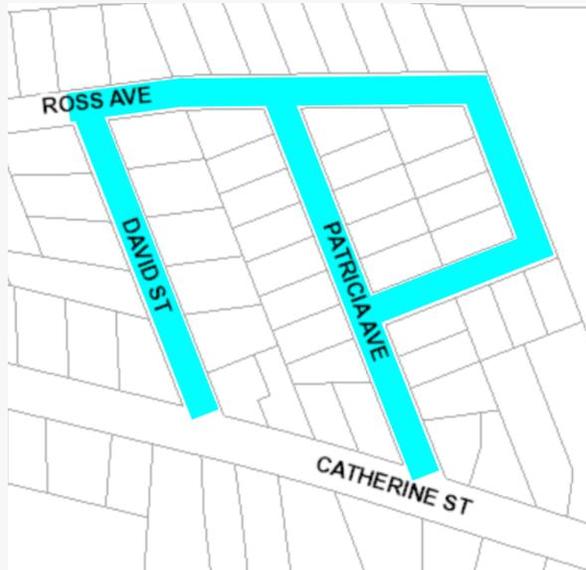
- **Phase 1 was completed in 2022 and 2023.**
- **Phase 2 was completed in 2023 and 2024.**
- **Construction for Phase 3 is anticipated to be complete before December 2026, with minor surface works in 2027.**

PROJECT PHASING DRAWINGS

PHASE 1 – Constructed

in 2022/2023

David Street, Patricia Ave,
and Ross Ave to David
Street



PHASE 2 – Constructed

in 2023/2024

Carl Street, Ruth Street, and the
remainder of Ross Ave



PHASE 3 – To be

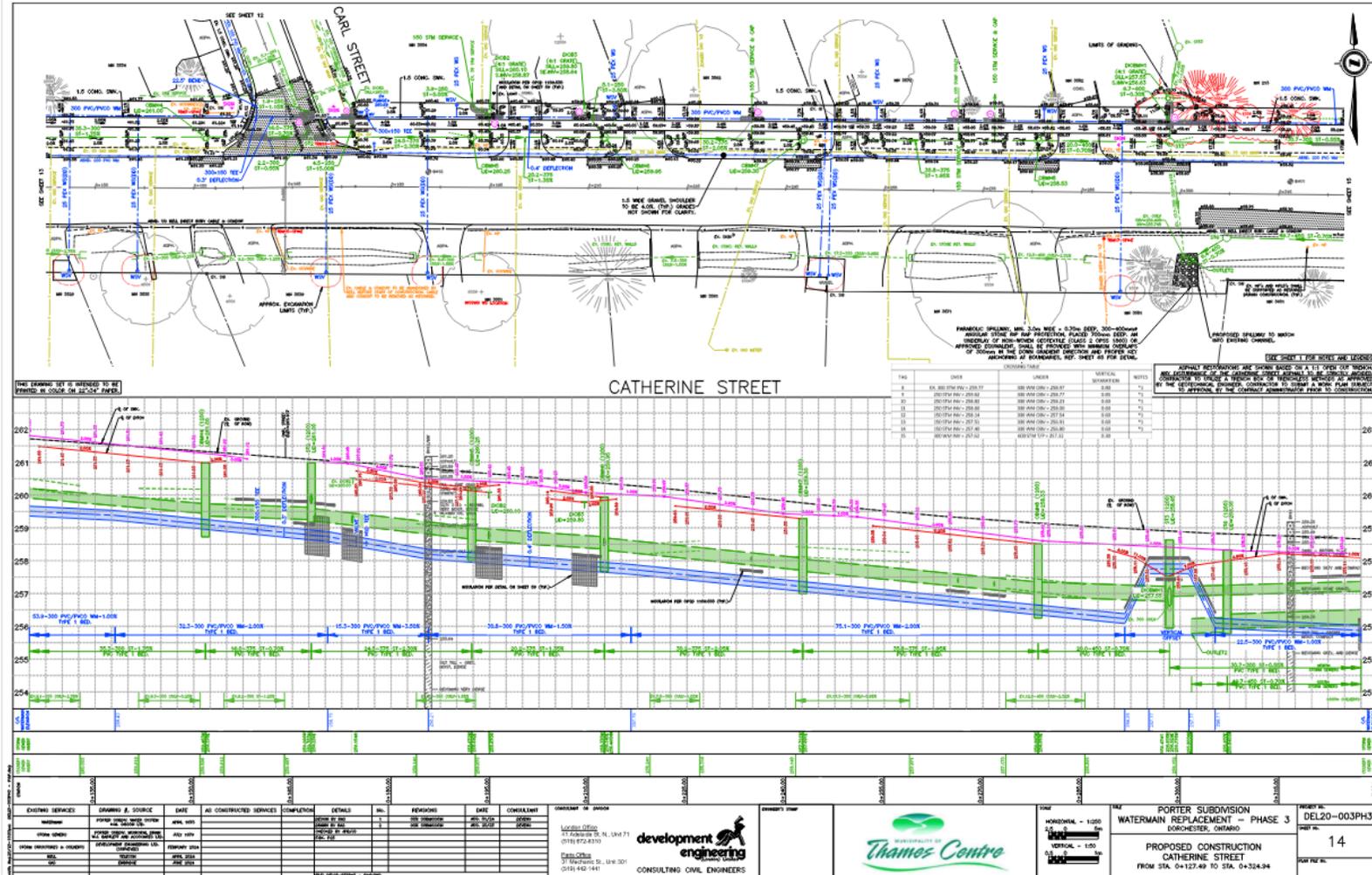
Constructed in 2026

Catherine Street from Shaw Road to
200m west of Richmond Street

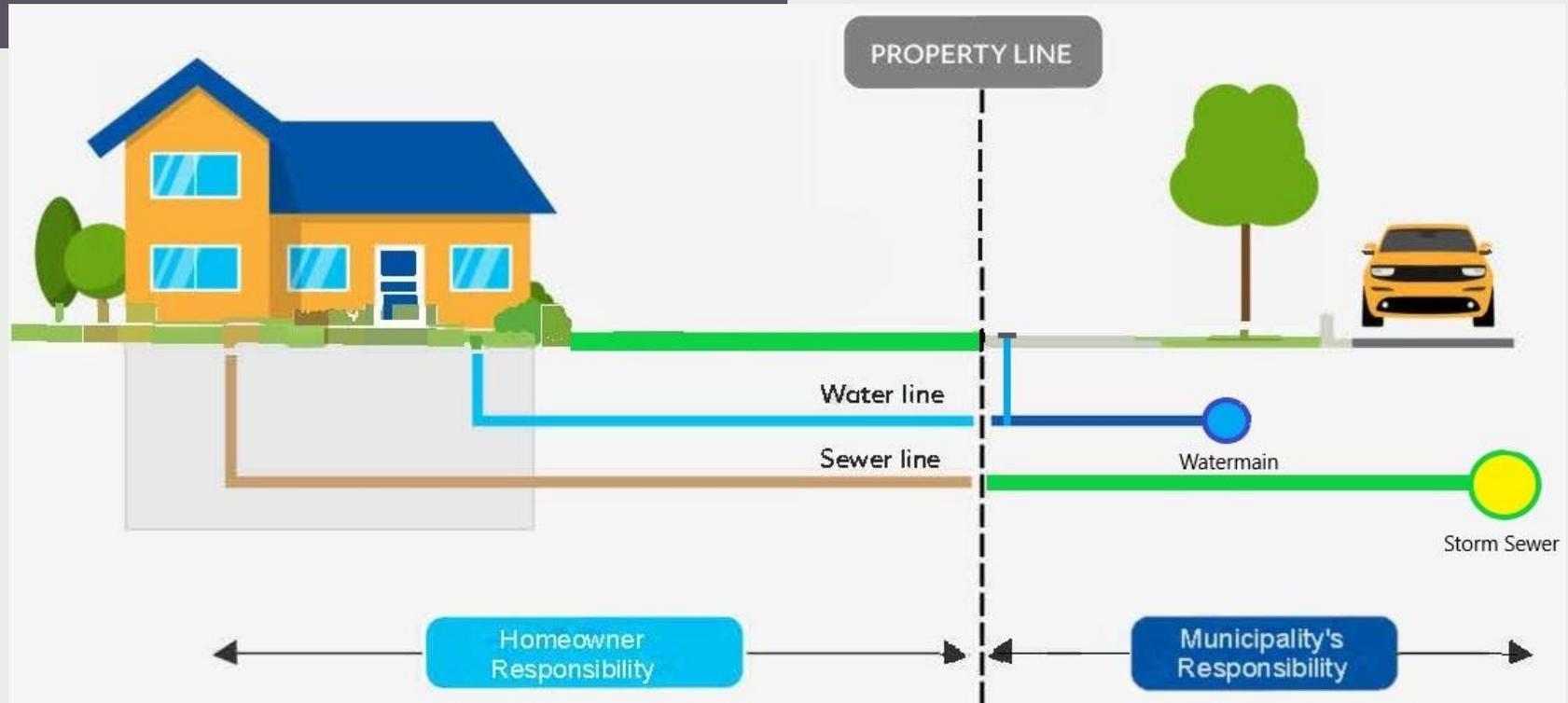


EXAMPLE ROADWAY DRAWING

CATHERINE STREET WATERMAIN
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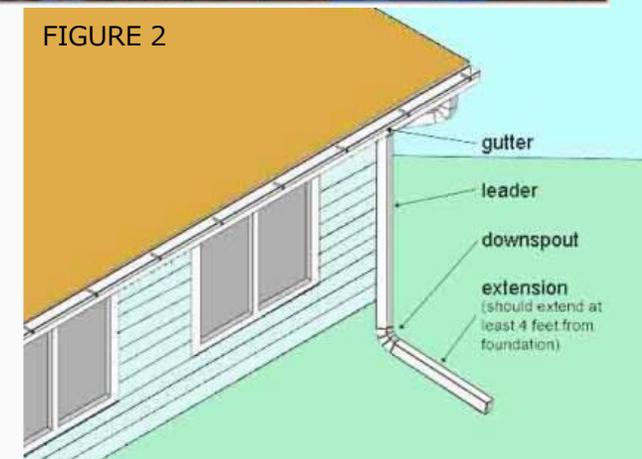
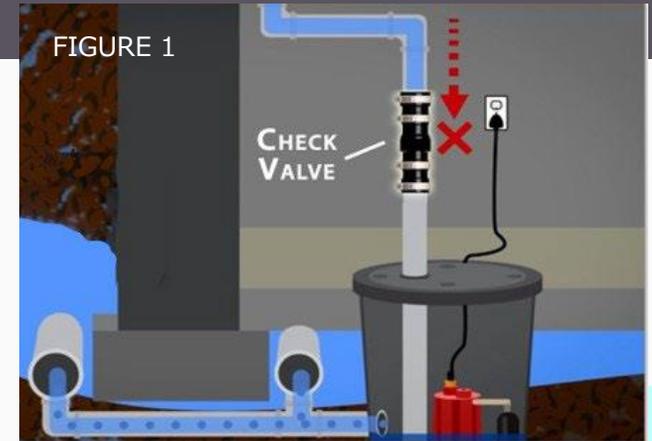
WHO IS RESPONSIBLE?



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STORM PDC (PRIVATE DRAIN CONNECTIONS)

- The purpose of a Storm PDC is to provide an outlet to a property's sump pump.
- Property Owners are responsible, and encouraged to ensure a functional check valve exists on the pipe between the sump pump and where it exits the basement foundation walls. This is to ensure that storm sewer water cannot re-enter the home in the rare case of a storm sewer back-up (surcharge). Please refer to Figure 1.
- Properties that currently have tile outletting water from their roof leaders (downspouts) into the roadside ditch must be disconnected at the point of entry into the ground near the house by the property owner. As per Municipal By-Law, any downspout pipe that was previously outletting into the roadside ditch, or in some cases, into the previous storm sewer network, will not be connected into the new storm sewer system. These tiles or pipes will be cut and capped at property line by the Contractor. Refer to Figure 2 for a proper downspout outlet configuration.



HOW MUCH IS THIS PROJECT GOING TO COST ME?

- **This project comes at no charge to homeowners**
- **All infrastructure is being replaced/ upgraded up to your property line at the Municipality's expense. The existing infrastructure is nearing end of life and is due to be replaced**
- **Additional work by the homeowner may be required if reconfiguration of roof leaders is required**

WHY IS THERE SIDEWALKS BEING INSTALLED?

- Sidewalks are being installed to provide connectivity to the existing sidewalk network in Dorchester
- Sidewalks provide upgraded safety for pedestrians and reduce the likelihood of pedestrian crashes
- Sidewalks increase mobility and helps provide overall healthier communities

HOW WILL MY PROPERTY CONNECT TO THE NEW INFRASTRUCTURE?

- **Water services:** Water services will be replaced from the new watermain in the street to the property line and be connected to the existing water service
- **Storm services:** New storm private drain connections (PDC) will be installed to the property line (north side of Catherine Street only) and connected to the existing sump pump outlet (if one exists)
- All existing storm sewers have been flushed and CCTV'd to confirm connection locations
- The above service replacements are at no cost to the property owner
- Existing house roof leaders must outlet above ground on private property. Roof leaders will not be connected into the new storm PDC.
- Once construction is completed, property owners can connect to the new sewer connections by applying for a building permit on the Municipality's website, if a connection did not previously exist.

WILL THERE BE ANY VISUAL CHANGES TO THE ROADWAY?

- Concrete sidewalk will be added
- Road surface will be replaced where disturbed by construction
- Boulevards will be regraded to accommodate the sidewalk
- Restoration of driveways and walkways affected by construction
- Restoration of grass and soil disturbed by construction
- Protection of trees where possible, some tree removals are required
- Additional streetlights to the subdivision are not being proposed with this project.

GARBAGE AND RECYCLING COLLECTION

- **How will my garbage and recycling be collected during construction?**
- **Put out your garbage and recycling as per normal practice**
- **Catherine Street is proposed to remain open, occasionally driveways may be blocked by construction activity and the construction contractor will collect the bags/containers and transport them to a designated location for collection by the Municipality's waste services.**
- **At the end of the day, the contractor will return containers to the appropriate properties**
- **Helpful hint: Label your municipal number on any containers with a permanent marker**

ROADWAY IMPACTS

- Catherine Street is proposed to remain open during construction. There will be some reduction in lanes or traffic controls required at times.
- Intersections will be closed intermittently for sewer and watermain crossings and surface works. Adjacent intersections will be passable to exit streets north of Catherine Street.
- Access interruptions during excavation and surface works such as curb and sidewalk construction will be communicated to the residents in advance.

DRIVEWAY IMPACTS

- **Driveways that are disturbed will be restored**
- **Driveway restorations will be with like material with the exception of stamped concrete/ colored concrete driveways and existing gravel driveways. Stamped/ colored concrete driveways will be replaced with white poured concrete, and gravel driveways will be converted to asphalt to property line.**
- **Brick driveways will have the bricks stored and then reinstalled with some asphalt placed instead of bricks within the right of way.**
- **Throughout the construction process, residents will have access to their driveways, however there will be instances where access may be limited. An example would be if the sidewalk concrete was just poured and time is needed for it to cure, or if significant digging is occurring within the roadway in front of the driveway.**
- **Homeowners will be given notice to any disruption to their driveway access**

WATERMAIN SHUTDOWNS

- **The existing watermain is intended to remain active to maintain water service to each property, some short-term shutdowns will be required at certain times to make connections.**
- **Homeowners will be provided notice by door-hangers on your front door 48 hours prior to all scheduled watermain shutdowns.**

IDENTIFIED TREE REMOVALS

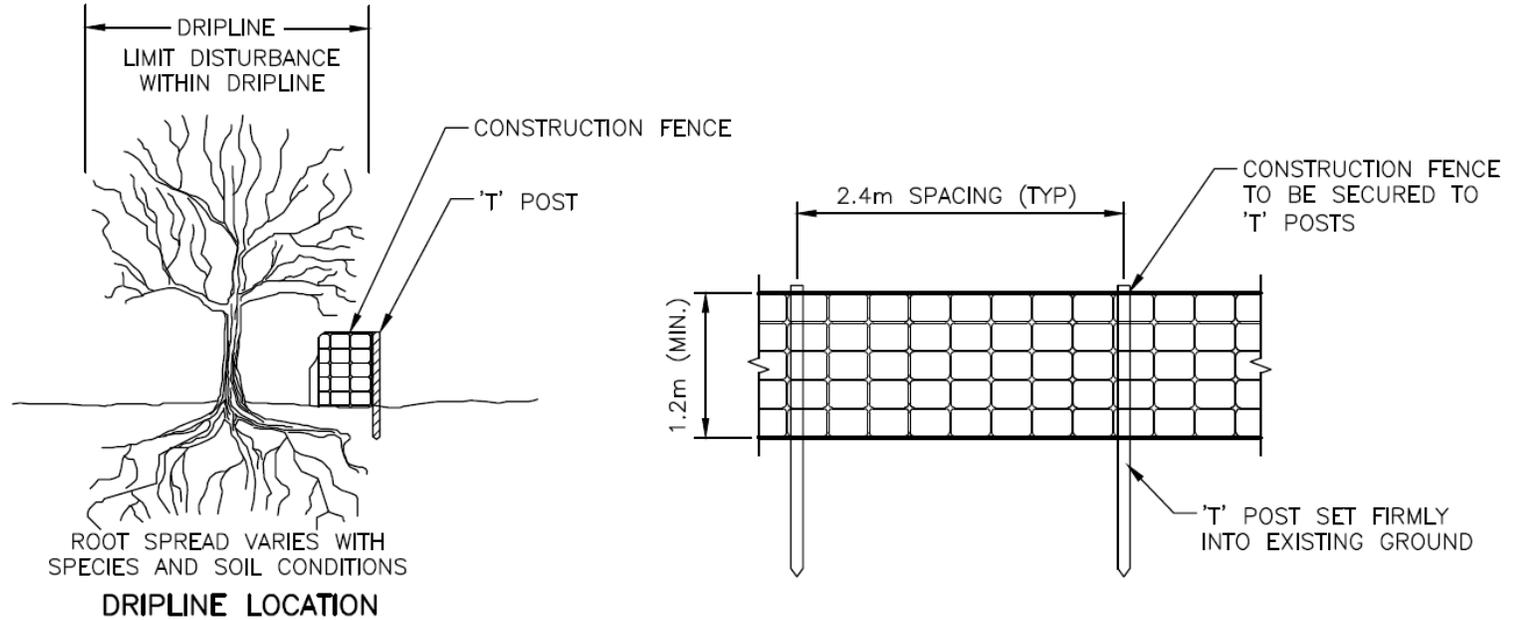
- **Tree removals are identified where:**
- The tree health is identified as poor and removal is coordinated with the project
- Conflict with the installation of new infrastructure is unavoidable
- **Tree removals are a joint decision between the arborist, consultant, and the Municipality.**
- **Municipal or shared trees will be removed as part of the project at no cost to the homeowner.**
- **Private trees may be identified as in poor health and remain the homeowners responsibility to maintain or remove.**

TREE PROTECTION

- **Tree protection commonly utilized during construction includes:**
- Tree protection fencing to keep machinery and construction material storage away from the trees and their root systems
- Trenchless service installation where required. Some sewer and water services may require trenchless installation in order to minimize root system damage
- Protection of tree root systems, through the placement of mulch and plywood during construction

TREE PRESERVATION DRAWING

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TREE PRESERVATION FENCING
(REF. OPSS 801.07.02)
NTS

(REFERENCE OPSD 220.010 FOR
PLACEMENT DETAILS WITHIN DRIPLINE)

TREE PRESERVATION EXAMPLES

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NEXT STEPS

- **Construction of Phase 3 of the project is anticipated to commence Spring 2026**
- **Follow the project on the Municipality's website**
- **Homeowners are encouraged to share any special considerations or comments such as accessibility concerns or planned events to the contacts provided.**

MUNICIPALITY OF THAMES CENTRE

- Stay up to date on the Municipality website:

<https://www.thamescentre.on.ca/council-and-administration/budget-and-financial-statements/capital-projects/202627-catherine-street-watermain-replacement-sidewalk-installation-and-storm-sewer-reconstruction/>

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