

Queensway Terrace Storm Sewer Rehabilitation Project

Virtual Information Session
April 9, 2021



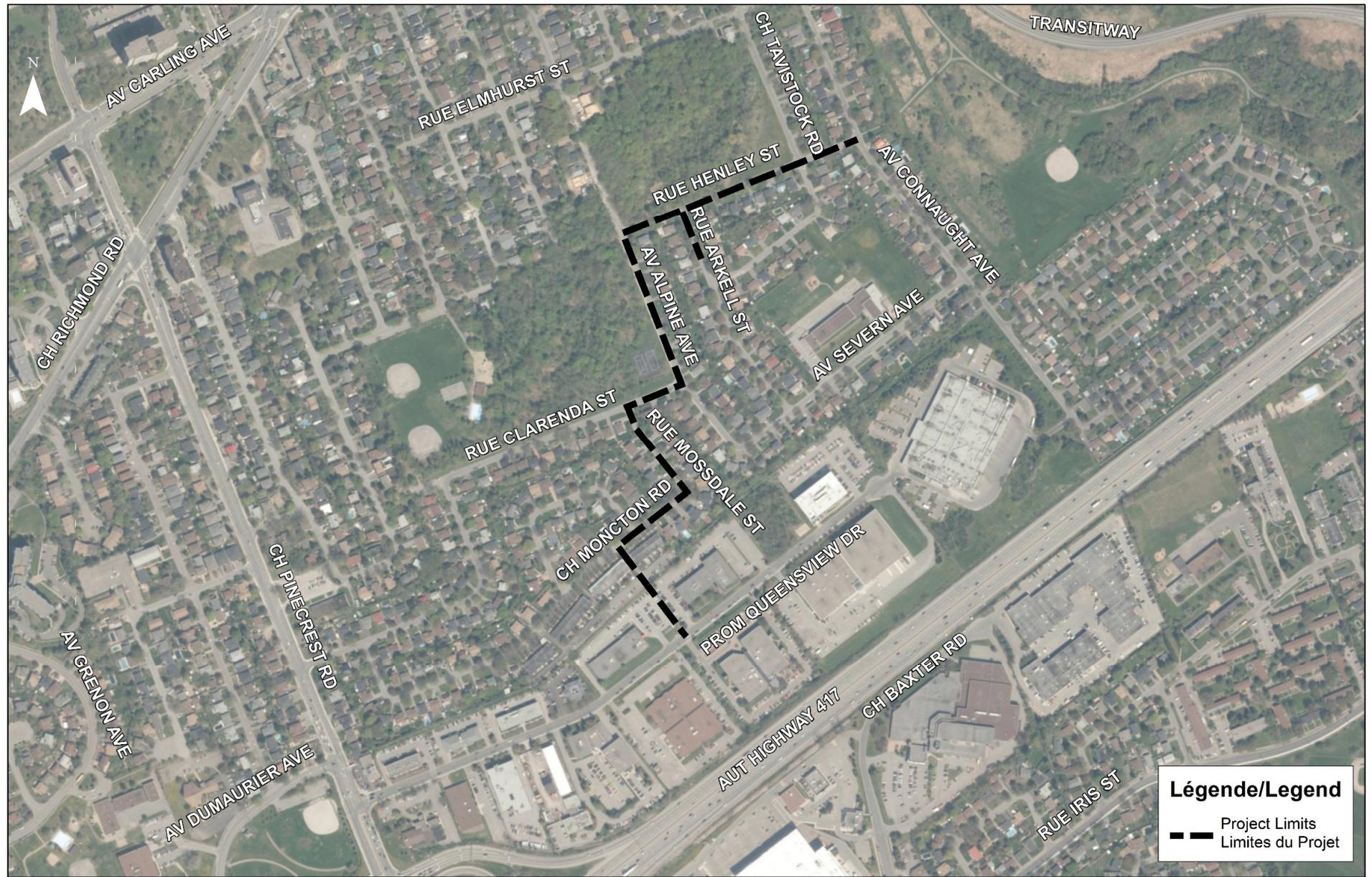
Welcome

Welcome to the Virtual Information Session for the Queensway Terrace Storm Sewer Rehabilitation Project.

The purpose of this online engagement opportunity is to present the detailed design and to inform residents and business owners of the upcoming construction activities.

If you have any questions regarding the project, please contact the City **Project Manager, Kevin Gibbs**, as noted on the last page of this document.

Project Limits

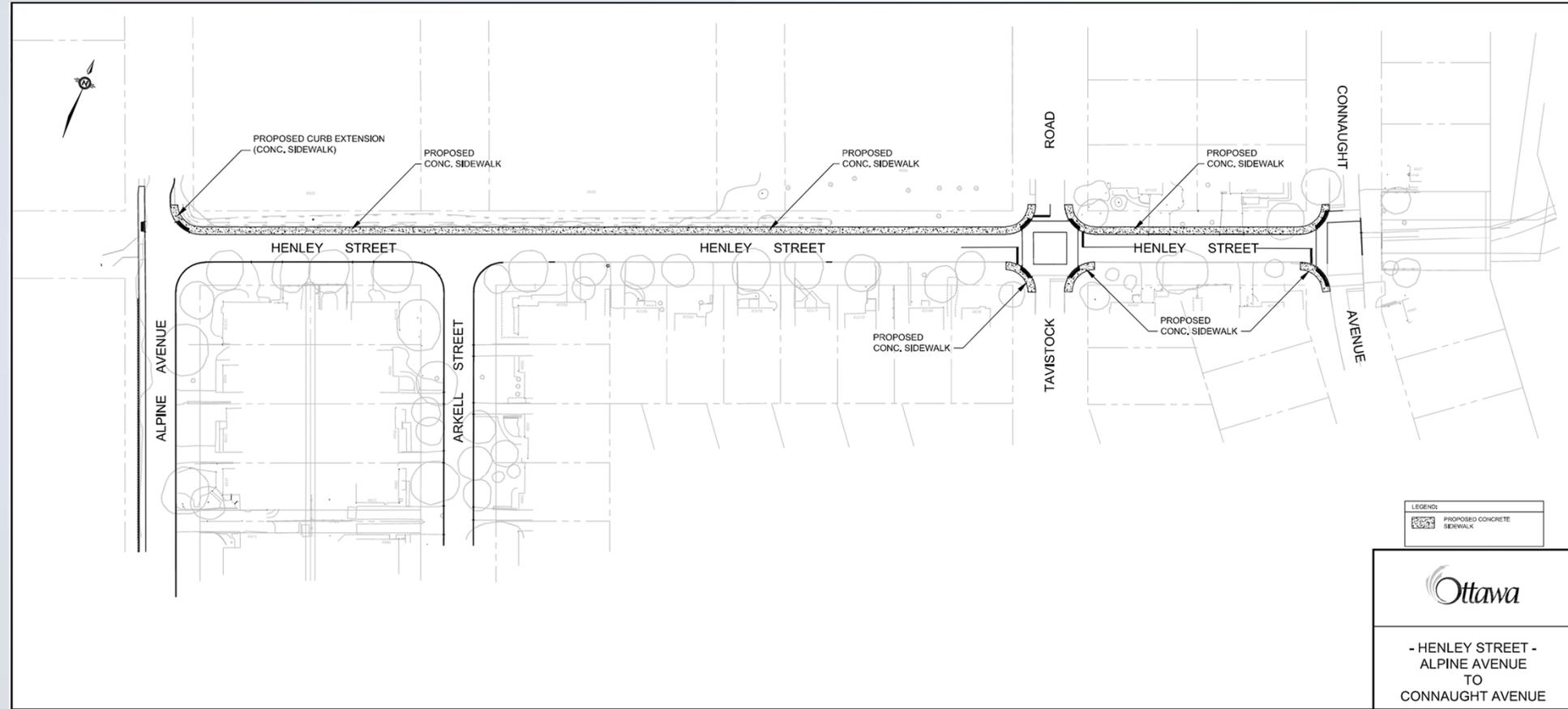


Project Overview

- Replacement of the trunk storm sewer on Moncton Road, Mossdale Street, Clarendon Street, Alpine Avenue and Henley Street.
- Realignment of a section of trunk storm and sanitary sewer along sections of Alpine Avenue and Henley Street.
- Replacement of the trunk storm and sanitary sewers on Arkell Street from Henley Street to 942/943 Arkell Street with new local sewers.
- Abandonment of the existing trunk storm and sanitary sewers located within an easement that runs between 943/937 Alpine Avenue and 942/948 Arkell Street.
- Replacement of select sanitary sewers and watermains as well as house service laterals impacted by the trunk sewer replacement.
- Reinstatement of the roadway, grassed boulevard and affected landscaped areas once the underground work is completed.
- Relocation of utilities to accommodate the trunk storm sewer replacement will be completed in advance of construction. Most of the required utility relocations have already taken place.
- Planting of new trees to compensate for existing trees that must be removed to allow for the trunk storm sewer replacement.

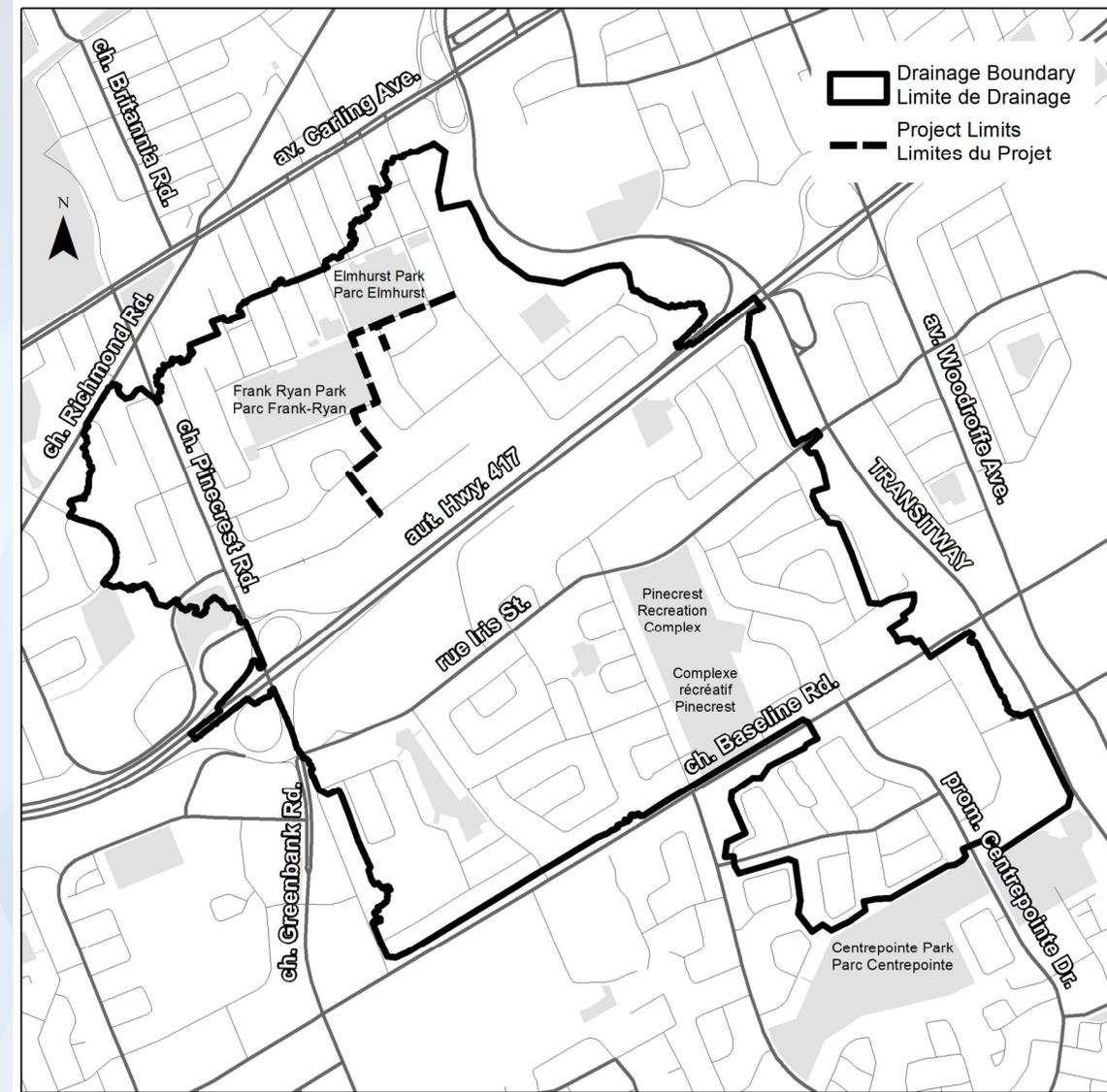
Project Overview (Cont.)

- New sidewalk to be constructed on the north side of Henley Street from Connaught to Alpine (**NEW**).
- Narrowing of Alpine Avenue at the northeast corner of the Henley/Alpine intersection (**NEW**).



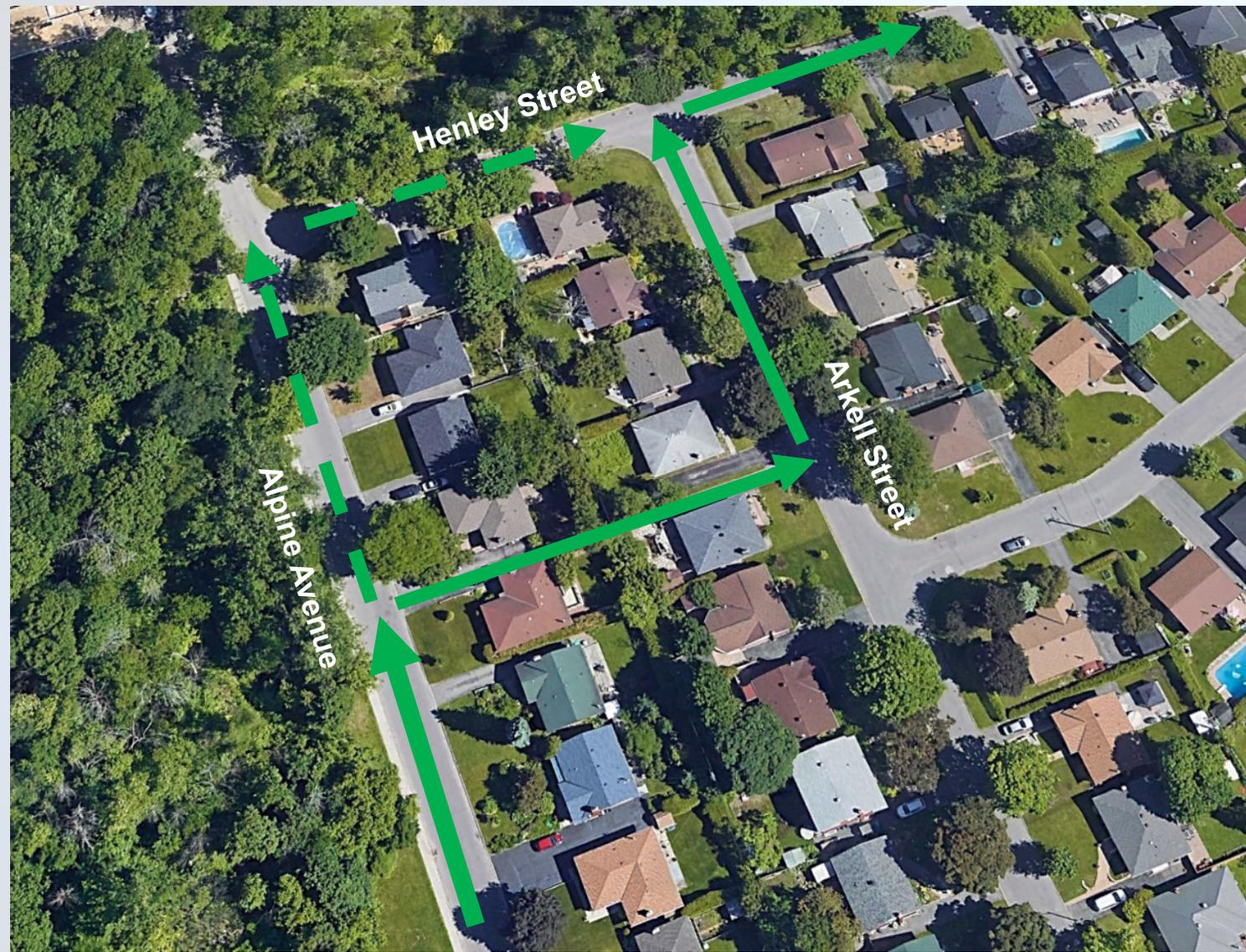
Why This Project is Important?

- The existing trunk storm sewer that weaves through the Queensway Terrace North community is in poor condition and needs to be proactively replaced. This critical piece of City infrastructure conveys storm runoff from a large area. A trunk sanitary sewer running parallel to the trunk storm sewer is in good condition and does not need to be replaced.
- To improve the overall performance of the storm sewer system, the existing trunk storm sewer is to be replaced with a larger pipe.



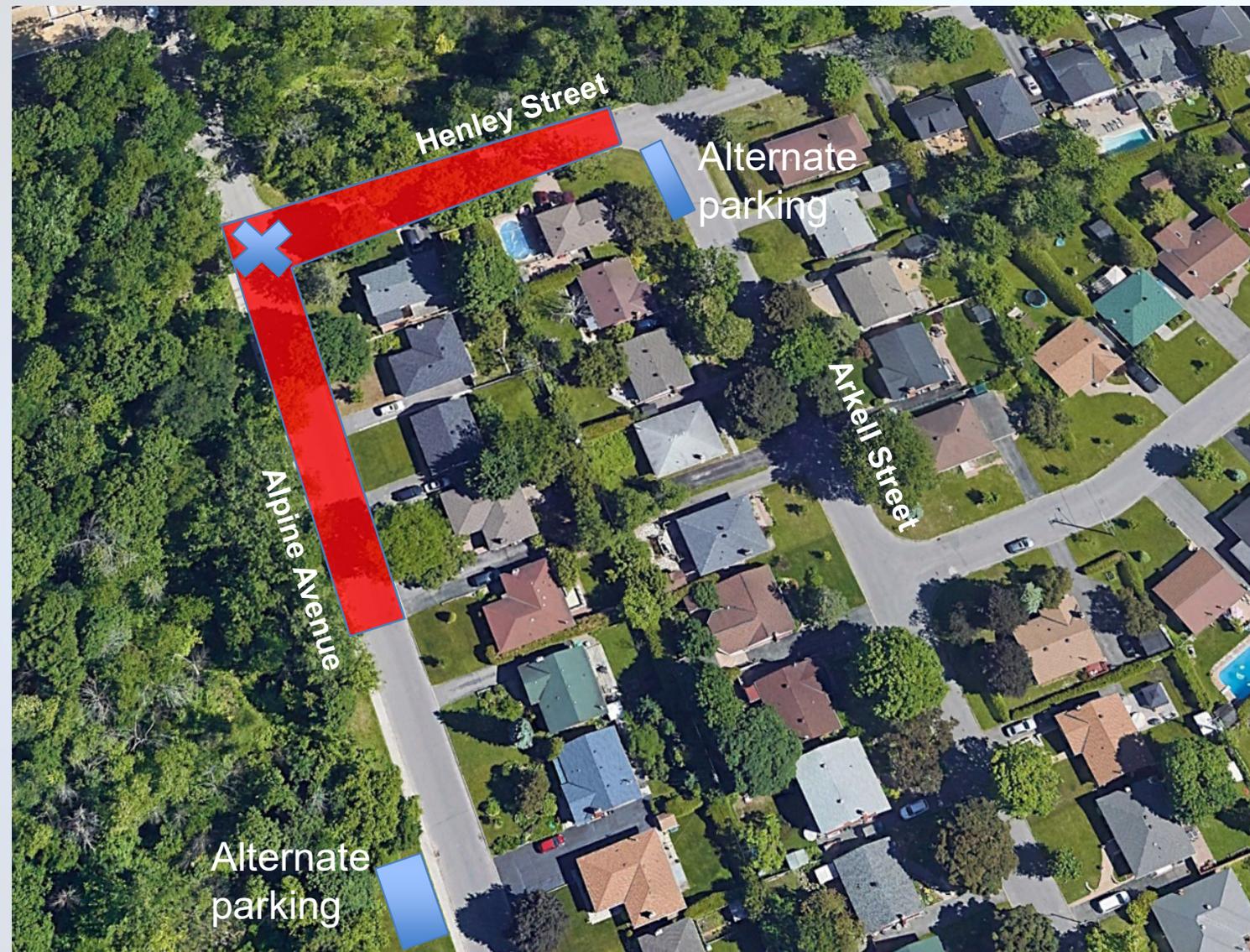
Deep Sewers - Alpine/Henley

- There is a section of trunk storm and sanitary sewer located within an easement that runs between 943/937 Alpine Avenue and 942/948 Arkell Street. The trunk storm sewer cannot be replaced in its current location. Therefore, the City will realign both the trunk storm and sanitary sewers north on Alpine Avenue, then east on Henley Street.
- Due to local topography, excavation for the realigned sewers will be deep.



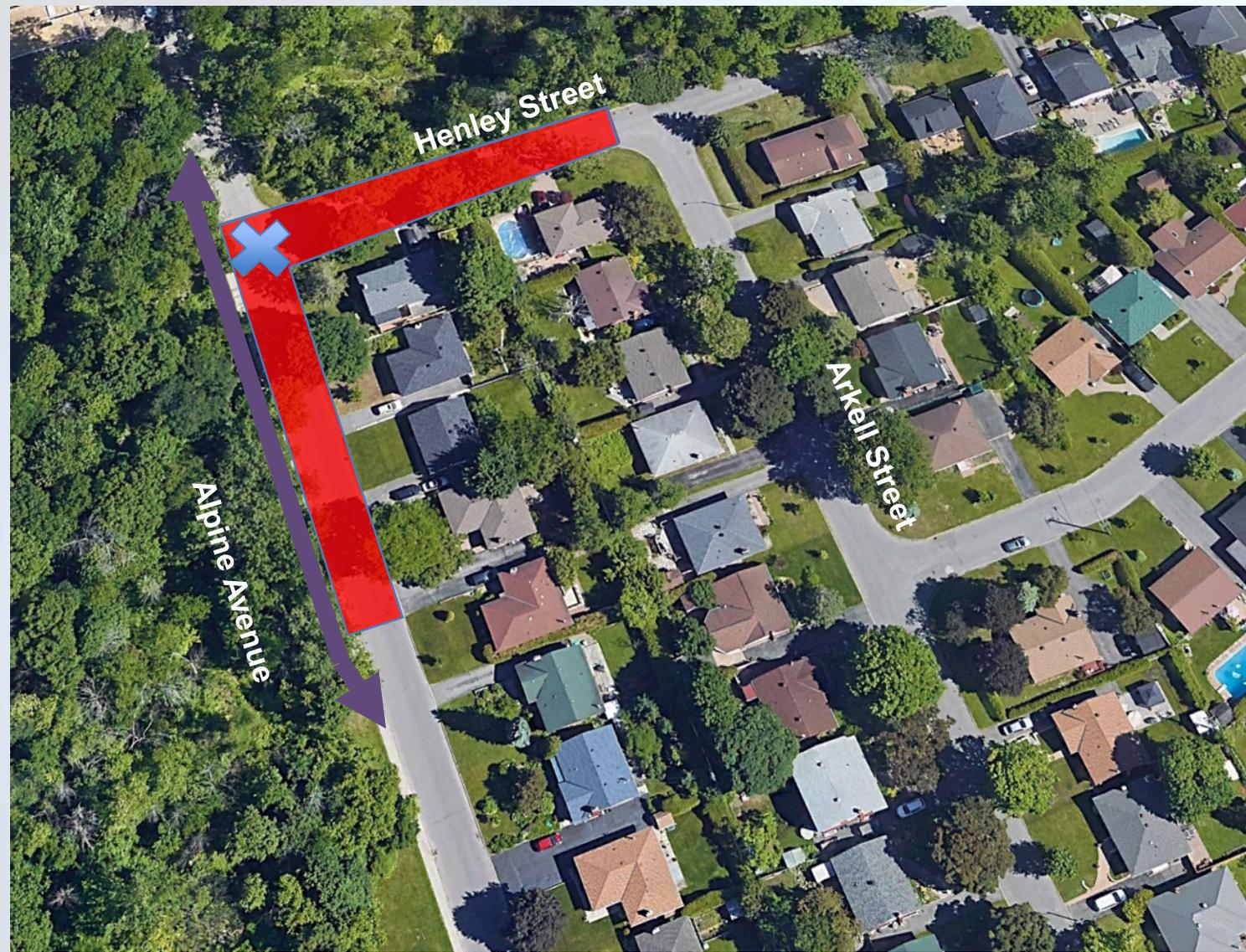
Deep Sewers - Alpine/Henley

- A hard road closure lasting most of the 2021 construction season will be required to complete the deep sewer installation. Access to Carling will still be available via Connaught or Tavistock.
- Alternative parking arrangements will be made for residents in this area, if driveway access cannot be maintained.



Deep Sewers - Alpine/Henley

- A temporary asphalt sidewalk is to be constructed on the west side of Alpine Avenue around the deep sewer work at Alpine/Henley to maintain pedestrian access to Carling Avenue.



Impacts to Trees

- The trunk storm sewer must be replaced in its current alignment.
- The existing trunk storm sewer is located in close proximity to, or directly underneath, a number of mature trees. Many of them will need to be removed before the trunk storm sewer can be replaced.
- The City will plant new trees to compensate for trees that must be removed.

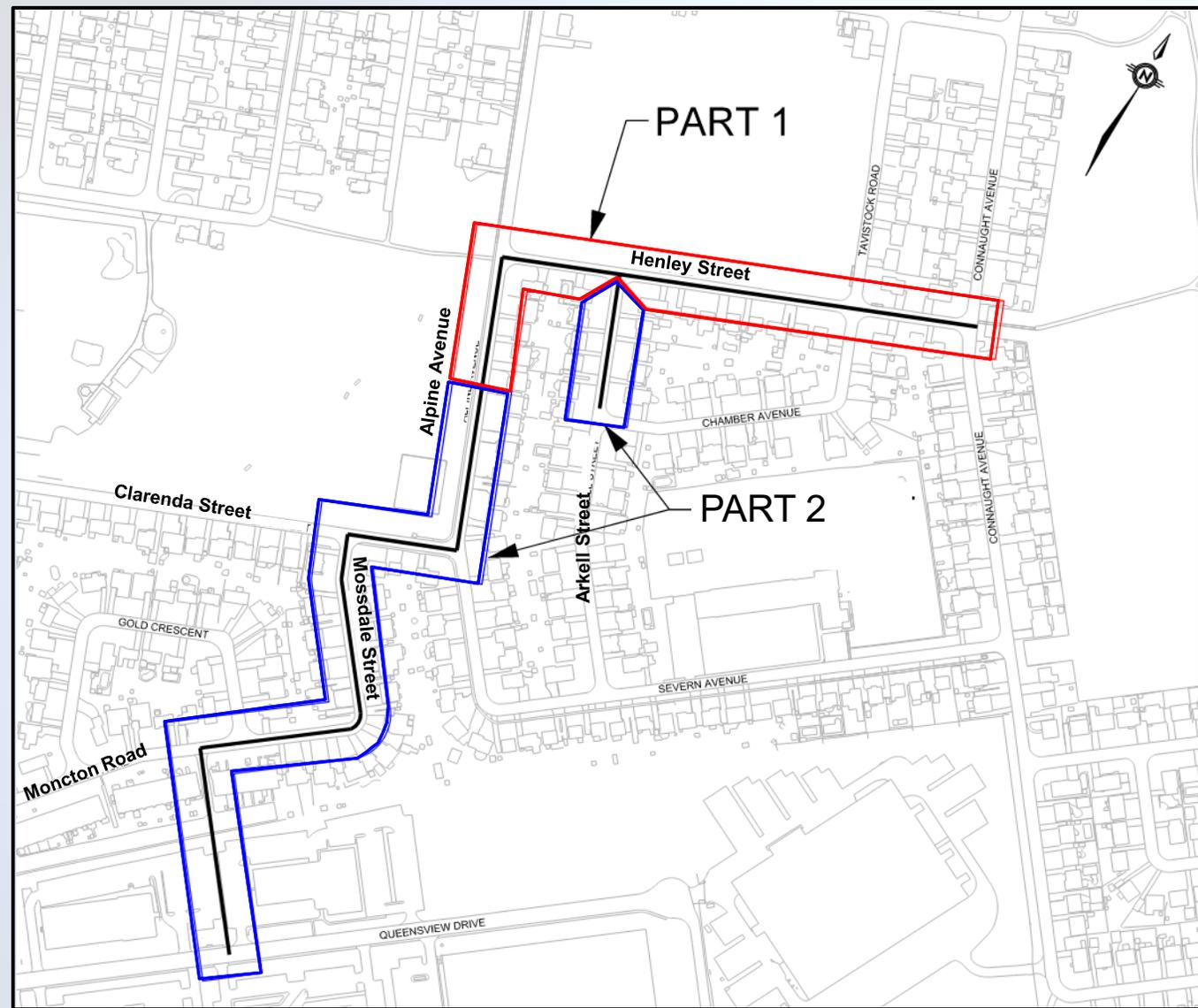
Temporary Construction Staging Area

- The Contract allows for the Contractor to make use of portions of the green space north of Henley Street near Tavistock Road as a temporary construction staging area.
- Trees are to be protected.
- Fencing to be installed between trees and the staging area.
- The area must be reinstated with new topsoil and sod.



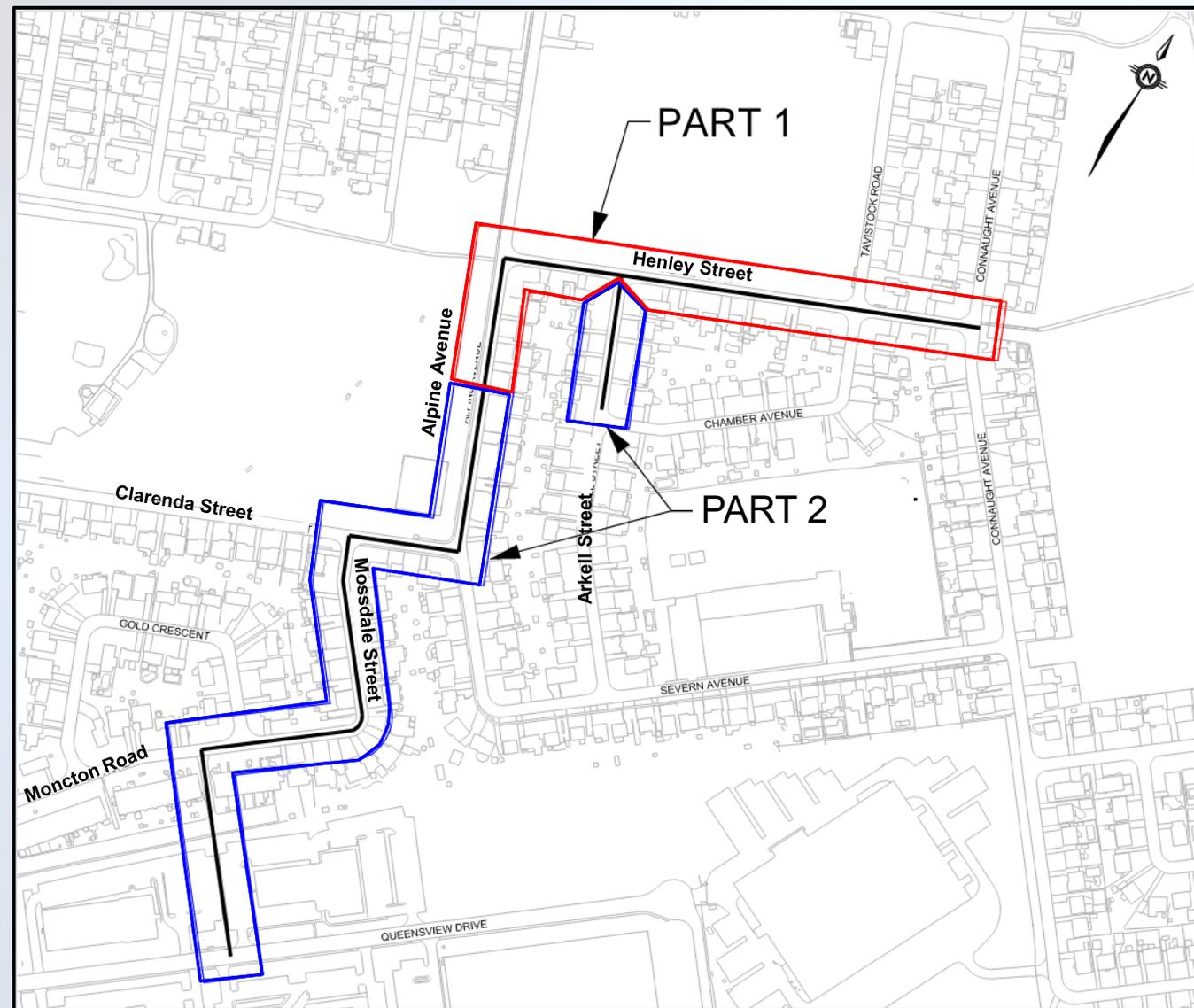
Schedule

- The tendering process is currently underway, and construction is expected to begin in late spring/early summer of 2021.
- Construction will take place from 2021 to 2023.
- The project has been split into two parts:
 - Part 1 construction in 2021/2022
 - Part 2 construction in 2022/2023 (subject to funding approval)



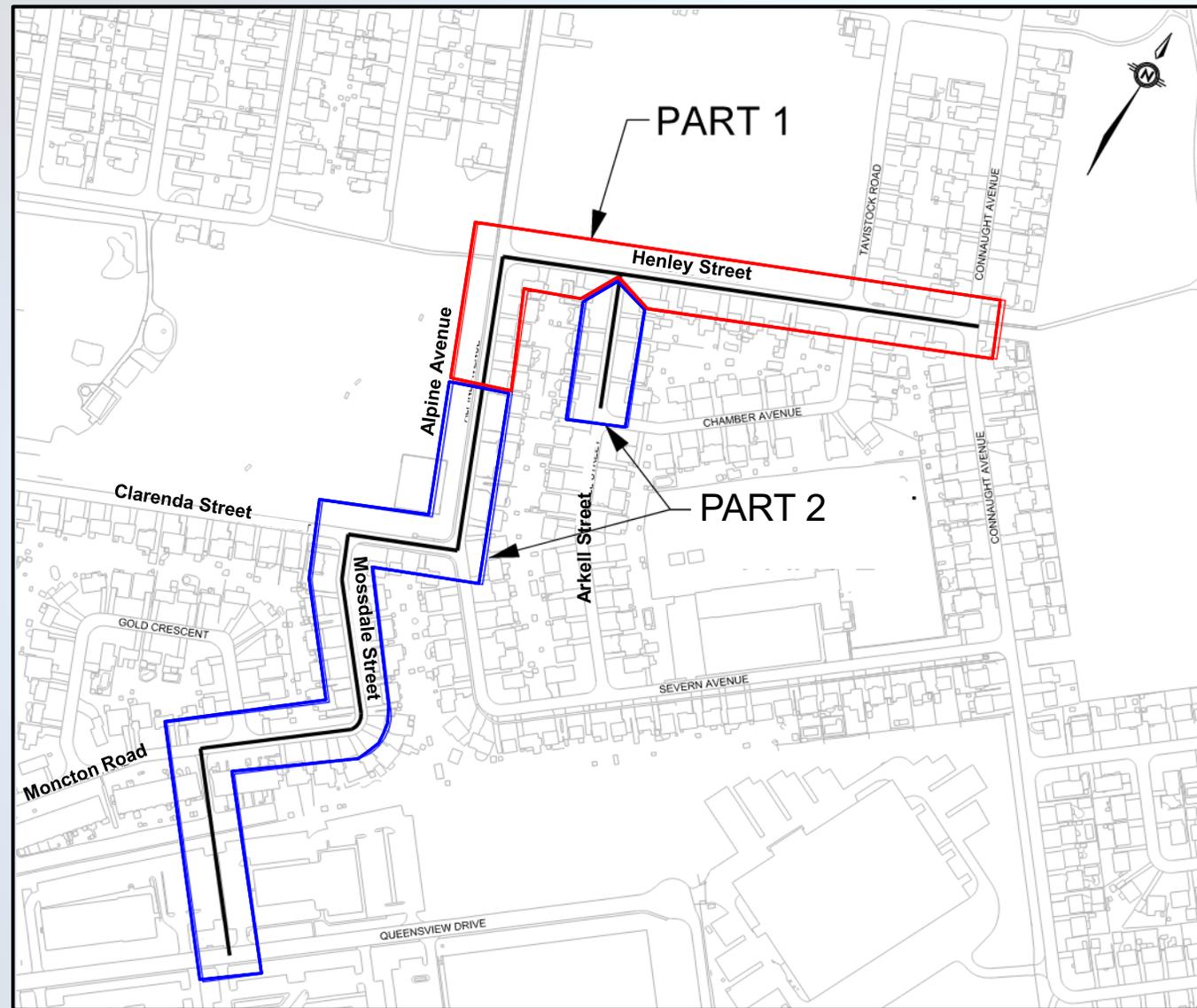
Schedule (cont.)

- Summer/Fall 2021 (Part 1 Limits):
 - Underground work on Henley Street and part of Alpine Avenue, including the realignment of the trunk sewers on Henley/Alpine.
 - Installation of the new sidewalk on the north side of Henley.
 - Reinstatement up to base course asphalt on Henley Street and part of Alpine Avenue.
 - Note: tree removals will only take place in the same year that the underground work will take place.



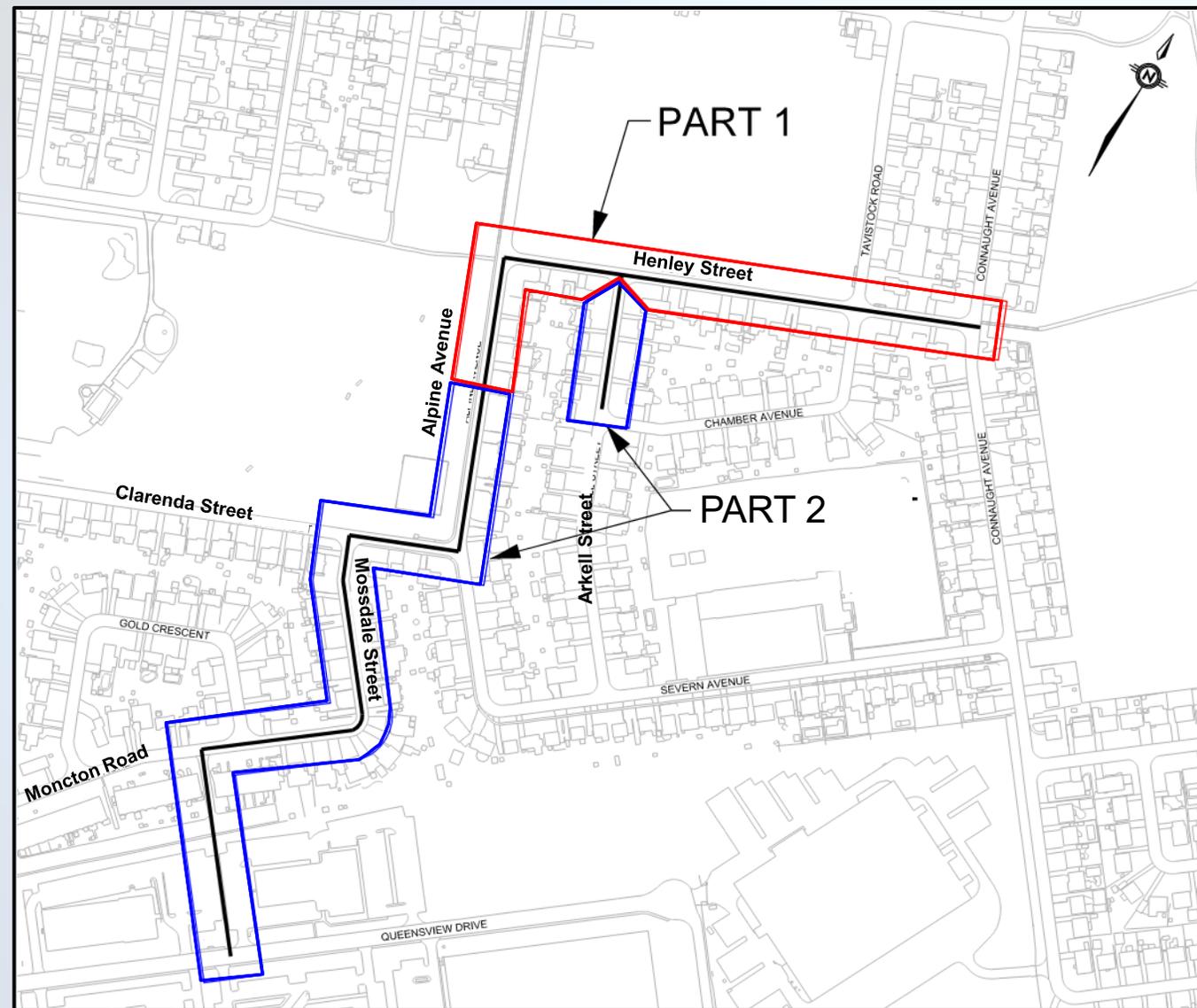
Schedule (cont.)

- Spring/Summer/Fall 2022
 - Part 1 Limits (finishing work):
 - Wear course asphalt
 - Outstanding landscaping
 - Part 2 Limits:
 - Underground work on remaining section of Alpine, Clarenda, Mossdale, Moncton, Queensview-Moncton easement, and Arkell.
 - Reinstatement up to base course asphalt.
 - Note: tree removals will only take place in the same year that the underground work will take place.



Schedule (cont.)

- Spring/Summer 2023
 - Part 2 Limits (finishing work):
 - Wear course asphalt
 - Outstanding landscaping



What to Expect During Construction

- During Construction, there will be some inevitable disruptions in the neighbourhood that will be experienced. Below are some examples of the impacts with a summary of the Mitigation Strategies.

CONSTRUCTION IMPACT	MITIGATION STRATEGY
Localized temporary road closures	Temporary detours will be in place and local access will be maintained
Intermittent temporary limited access to driveways	In the event driveway access is restricted due to construction activities, the project team will provide further information.
Pedestrian Access	<p>The contractor must maintain pedestrian access through the project limits.</p> <p>A temporary asphalt sidewalk is to be constructed on the west side of Alpine Avenue around the deep sewer work at Alpine/Henley to maintain pedestrian access to Carling Avenue</p>

What to Expect During Construction

CONSTRUCTION IMPACT	MITIGATION STRATEGY
Construction Noise (including rock excavation)	For construction activity hours of work, the City of Ottawa follows provincial requirements and the City's Noise By-law (2017-255).
Dust	<p>Water and/or calcium chloride will be used to reduce dust throughout the immediate project limits.</p> <p>Sweeper trucks will be used to reduce dust on the roads directly adjacent to the project limits.</p>

What to Expect During Construction

CONSTRUCTION IMPACT	MITIGATION STRATEGY
Construction induced vibrations	<p>You may feel vibrations due to heavy equipment operations. Vibrations from construction activities are quite common and rarely cause any problems.</p> <p>The Contractor is required to carry out an interior/exterior pre-construction inspection of homes in the work area, if the homeowner is in agreement.</p> <p>The Contractor may also request consent to install vibration monitoring equipment in some homes.</p>
On-street parking will be restricted within the project limits during construction	<p>Parking may be permitted within the project limits in areas where there is no active construction.</p> <p>Additional On-Street parking will also be available outside the project limits.</p>

What to Expect During Construction

CONSTRUCTION IMPACT	MITIGATION STRATEGY
Brief water interruptions / Temporary water services	<p>To accommodate construction, water will need to be supplied to some homes by temporary water lines.</p> <p>Notices will be delivered in advance of planned water interruptions with details on the duration of the water interruption</p>
Trucks will be required to access the site to remove excavated material, deliver material and equipment to site, and support the active construction operation.	Truck routes will be identified by the Contractor. These routes may change as the construction operation progresses through the neighbourhood.

Thank You

Thank you for visiting the project's information boards. We encourage and welcome your feedback on the upcoming construction.

If you have any questions, please contact:

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City of Ottawa

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