

Integrated Renewal of Ella & Ralph Streets

Virtual Public Information Session and
Online Engagement Opportunity
Preliminary Design

November 8, 2023



Land Acknowledgement

We recognize that Ottawa is located on unceded territory of the Anishinabe Algonquin Nation.

We extend our respect to all First Nations, Inuit and Métis peoples for their valuable past and present contributions to this land.

We also recognize and respect the cultural diversity that First Nations, Inuit and Métis people bring to the City of Ottawa.

Online Engagement Opportunity

Welcome to the Online Engagement Opportunity for the Integrated Renewal of Ella and Ralph Streets.

The City has a proactive communications approach. The project team will update you on the project using different methods to communicate including letters and posting information on ottawa.ca.

The purpose of this Virtual Public Information Session (PIS) and Online Engagement Opportunity is to present the preliminary design, receive feedback, keep residents informed on the current status of the project and how to stay informed during construction.

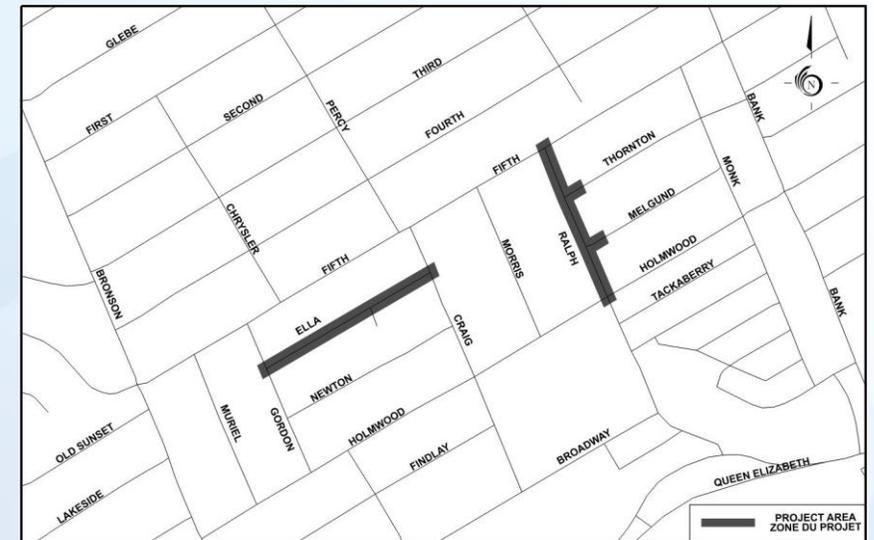
Your feedback is important to the success of this project. Please review the information presented and **provide your comments [online](#), by phone or email**, as noted on the last page of this document, **by December 6, 2023**.

Project overview

The City of Ottawa has retained Parsons to undertake the **Integrated Renewal of Ella and Ralph Street** project. The project includes the integrated road, sewer and watermain renewal of Ella Street between Gordon Street and Craig Street, and Ralph Street between Fifth Avenue and Holmwood Avenue. In addition, approximately 50m of new storm sewer will be constructed along Ralph Street.

This Online Engagement Opportunity presents:

- A summary of the existing sanitary and storm sewer, watermain and roadway conditions;
- A description of the proposed works;
- What to expect during construction; and
- Project schedule.



Project Key Plan

Existing conditions – Ella Street

Existing sewer and watermain infrastructure

- The sanitary sewer and watermain on Ella Street, as described below, have reached the end of their service life, are generally in poor condition and therefore require replacement:
 - Watermain (127mm – cast iron UCI) dates back to original development. There is a short section of newer Watermain (150mm - PVC) at the west end.
 - Combined sewer (300mm – clay) dates back to the original development
- The existing pavement is 6.1m wide, with narrow sidewalks on both sides (1.5m). The asphalt is in fair-poor condition and requires replacement. On-Street parking is allowed along the south side of the roadway.

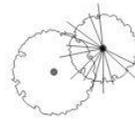
Project description – Ella Street (1)



Scope of work

- Water and sewer service replacements to the property line
- New 152mm PVC watermain
- New 300mm PVC combined sewer

LEGEND/ LÉGENDE



EXISTING TREE TO REMAIN/ ARBRE EXISTANT MAINTENU



PROPOSED COMBINED SEWER/ ÉGOUT UNITAIRE PROPOSÉ



PROPOSED WATERMAIN/ CONDUITE D'EAU PRINCIPALE PROPOSÉ



PROPOSED STORM SEWER/ ÉGOUT PLUVIAL PROPOSÉ



EXISTING PROPERTY LINE/ LIMITE DE PROPRIÉTÉ EXISTANTE



PROPOSED LIMIT OF GRADING/ LIMITES DE LA ZONE DE NIVELLEMENT PROPOSÉ



DEPRESSED CURB/ BORDURE SURBAISSÉE



REINSTALLED RETAINING WALL/MUR DE SOUTÈNEMENT REMIS EN ÉTAT

Project description – Ella Street (2)

Scope of work (continued)

- Reconstruct Ella Street to a new 6.1m-6.5m roadway width, including new road structure and curbs
- Introduce wider sidewalks (1.80m) on the north/south side
- Reinstatement of both hard surfaces and impacted landscaping features
- Introduce speed mitigation measures (curb extension and speed humps)



LEGEND/ LÉGENDE	
	PROPOSED TREE/ ARBRE PROPOSÉ
	REINSTATED PLANTER BED/ PLATE-BANDE REMISE EN ÉTAT
	EXISTING TREE TO REMAIN/ ARBRE EXISTANT MAINTENU
	EXISTING PROPERTY LINE/ LIMITE DE PROPRIÉTÉ EXISTANTE
	PROPOSED LIMIT OF GRADING/ LIMITES DE LA ZONE DE NIVELLEMENT PROPOSÉ
	DEPRESSED CURB/ BORDURE SURBAISÉE
	ON-STREET PARKING/ STATIONNEMENT SUR RUE
	PROPOSED CONCRETE SIDEWALK/ TROTTOIR EN BÉTON PROPOSÉ
	REINSTALLED UNIT PAVERS/ PAVÉS UNIS REMIS EN ÉTAT
	ASPHALT ROADWAY/ REVÊTEMENT EN ASPHALTE DE RUE
	ASPHALT PATHWAY & DRIVEWAY/ REVÊTEMENT EN ASPHALTE DE SENTIER & DE VOIE D'ENTRÉE
	GRASS REINSTATEMENT/ REVÊTEMENT DE GAZON
	REINSTALLED RETAINING WALL/ MUR DE SOUTÈNEMENT REMIS EN ÉTAT

Ella Street to remain a two-way street

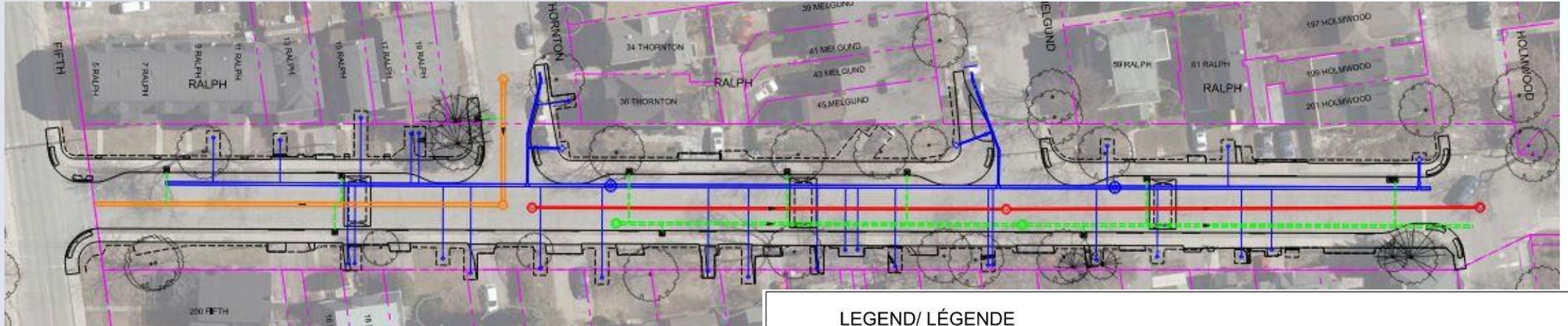
- The City has reviewed the potential to convert Ella Street to a one-way street
- Based on the City's analysis, it is proposed that Ella Street remain as a two-way facility on the basis that:
 - The east end of the street will be widened to 6.5m, and the remainder of the street will be slightly widened, to provide additional space for street operations while minimizing impacts to landscaping and trees
 - A two-way street maintains the convenience of residents being able to access their dwelling from either direction (by bike or vehicle)
 - A two-way street enables cyclists to travel efficiently in either direction, without needing to travel “around the block” to reach their destination
 - A narrow two-way street results in lower vehicle travel speeds
 - A slower-moving street is safer for pedestrians and cyclists

Existing conditions – Ralph Street

Existing sewer and watermain infrastructure

- The combined sewer and watermain on Ralph Street, as described below, have reached the end of their service life, are generally in poor condition and therefore require replacement:
 - Watermain (127mm & 457mm – cast iron UCI) dates back to original development.
 - Combined sewer (300mm – clay) dates back to the original development from Thornton Avenue to Fifth Avenue, and from south of Thornton Avenue to Holmwood Avenue.
- The existing pavement is ~12m wide, with sidewalks 1.8m on both sides of the roadway. The pavement is in fair-poor condition and requires replacement. There is on-street parking on the east side of the roadway.

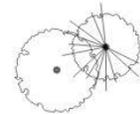
Project description – Ralph Street (1)



Scope of work

- New water and sanitary services to property lines
- New 406mm PVC watermain, with 203mm stubs to Thornton and Melgund avenues.
- New 300mm combined sewer
- New 300mm sanitary and storm sewers

LEGEND/ LÉGENDE



EXISTING TREE TO REMAIN/ ARBRE EXISTANT MAINTENU



PROPOSED COMBINED SEWER/ ÉGOUT UNITAIRE PROPOSÉ



PROPOSED SANITARY SEWER/ ÉGOUT SANITAIRE PROPOSÉ



PROPOSED WATERMAIN/ CONDUITE D'EAU PRINCIPALE PROPOSÉ



PROPOSED STORM SEWER/ ÉGOUT PLUVIAL PROPOSÉ



EXISTING PROPERTY LINE/ LIMITE DE PROPRIÉTÉ EXISTANTE



PROPOSED LIMIT OF GRADING/ LIMITES DE LA ZONE DE NIVELLEMENT PROPOSÉ



DEPRESSED CURB/ BORDURE SURBAISÉE



REINSTALLED RETAINING WALL/MUR DE SOUTÈNEMENT REMIS EN ÉTAT

Proposed conditions – Ralph Street (2)

Scope of work (Continued)

- Reconstruct Ralph Street to a new 8.5m roadway width, including new road structure and curbs
- Introduce wider sidewalks 2.0m on the east/west side
- Reinstatement of both hard surfaces and impacted landscaping features
- Introduce speed mitigation measures (curb extensions/speed humps)



Lead service replacement – Ella and Ralph streets

Given the maturity of the area, it is possible that you have a lead water service pipe. As part of this project, all water services will be replaced to the City property line. Any replacement of services on private property is the responsibility of the property owner to coordinate with an independent contractor. A City of Ottawa program is available to help subsidize the cost of replacing your lead service.

Additional information on the **Lead Pipe Replacement Program** can be found at the link below:

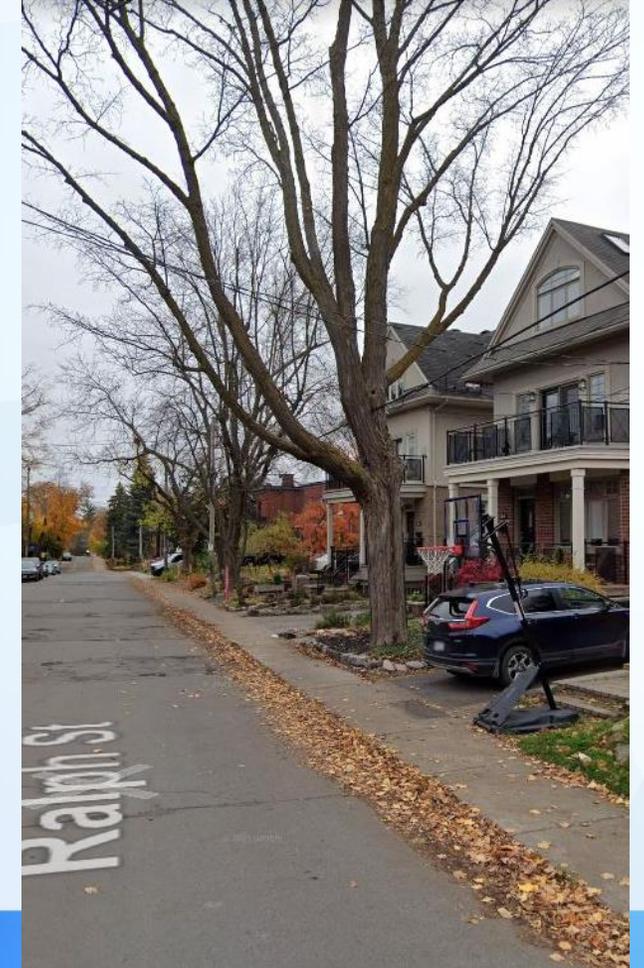
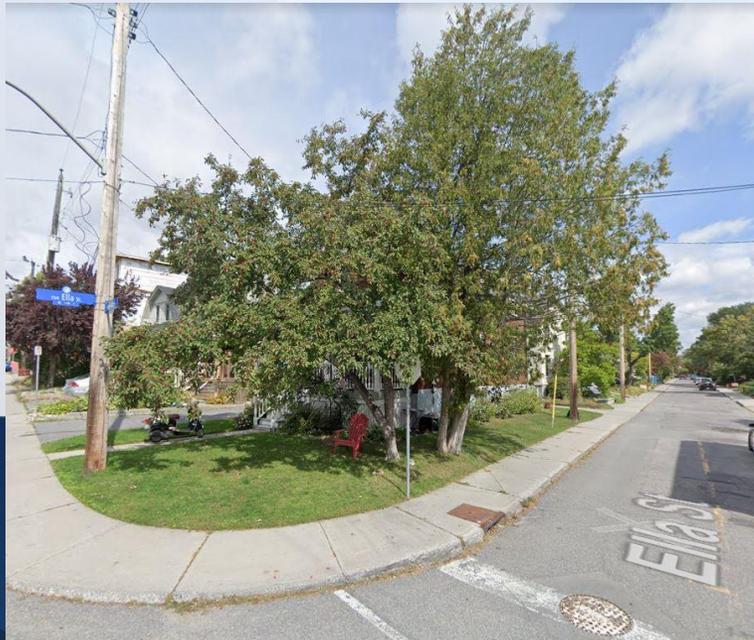
<https://ottawa.ca/leadpipes>



Lead pipe (left) & copper pipe (right)

Efforts to protect mature trees

- Both streets are lined with mature trees
- The City places a high priority on minimizing impacts to trees and their sensitive root zones
- The alignment of the street infrastructure has been successful at managing tree impacts
- In any instance where impacts to trees are determined to be unavoidable, replacement trees will be proposed



Project schedule (Ella & Ralph streets)

- **Design completion** – the project design is planned to be completed in spring 2024
- **Pre-construction drop-in** – An additional public drop-in meeting is tentatively planned for spring 2025 to provide further details about construction
- **Construction start** – the construction is anticipated to start in late spring 2025 (pending budget approval)
- **Construction completion** – the construction is expected to be complete by the end of 2025
- **Notice to resident**– Property owners will be informed of upcoming works through construction notices delivered to their property. These notices will be sent out prior to construction and when services or access may be restricted.

Thank You

Thank you for reviewing the project information boards. We encourage you to share your thoughts with us and submit any questions or comments by **December 6, 2023** to the City of Ottawa Project Manager.

City of Ottawa Project Manager

Justin Trudel, P.Eng., PMP

Senior Engineer, Infrastructure Projects

100 Constellation Drive, Ottawa, ON K2G 6J8

Tel.: 613-580-2424, ext. 15403

Email: Justin.Trudel2@ottawa.ca