

Monk, Oakland, Wilton & Woodlawn Integrated Road Renewal

Online Engagement Opportunity
April 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.

Welcome

Welcome to the Online Engagement Opportunity for the Monk, Oakland, Wilton & Woodlawn Integrated Road Renewal Project.

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

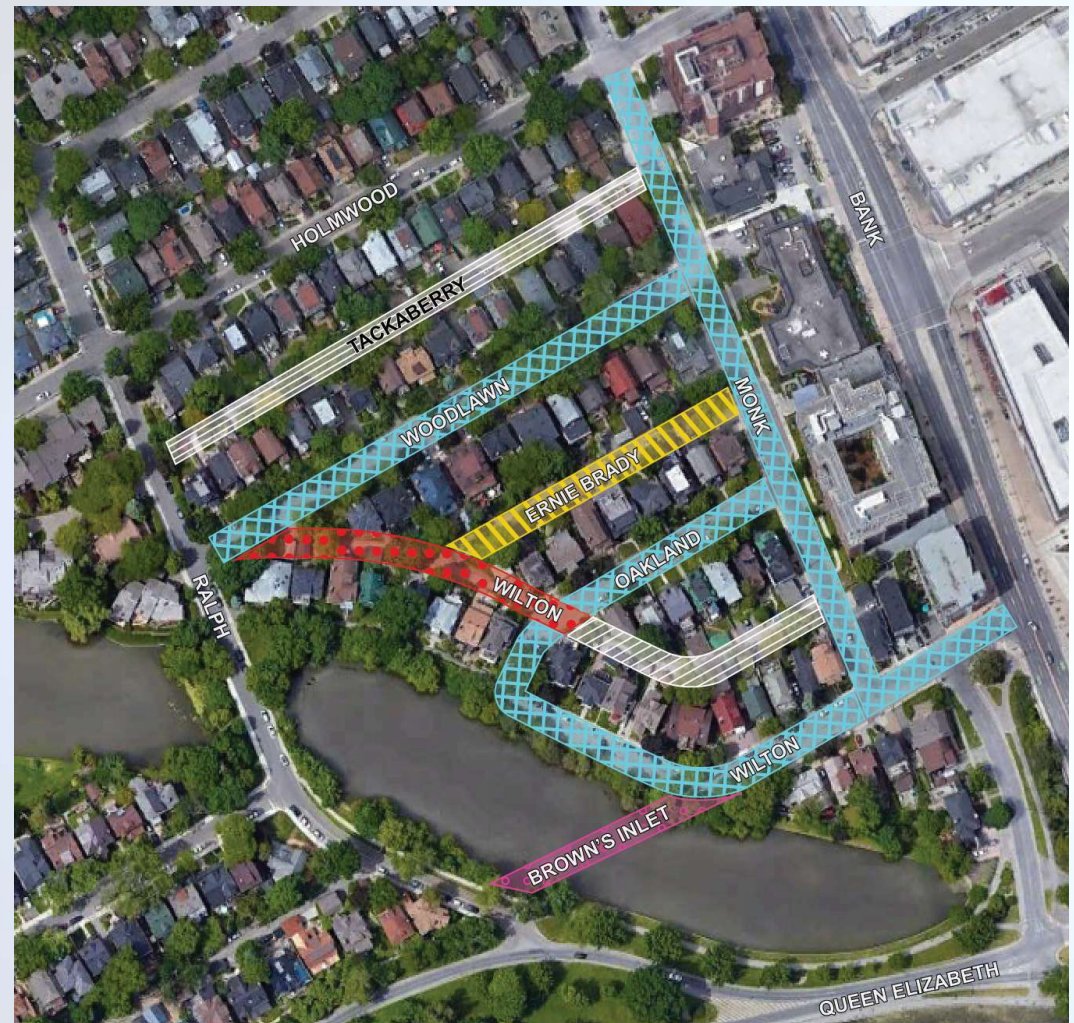
The purpose of this Online Engagement Opportunity is to present the design, receive feedback, inform residents on construction impacts and keep residents informed of the current status of the project and how to stay informed during construction.

Please review the information presented and **provide your comments by phone or email, as noted on the last page of this document, by 11:59pm on April 30, 2023.**


Project Overview

The City of Ottawa plans to replace the watermain, sewers and road surface on Monk Street, Oakland Avenue, Wilton Crescent and Woodlawn Avenue, as well as resurfacing on Wilton Lane, Ernie Brady Lane and Tackaberry Lane.

The underground infrastructure is nearing the end of its life span and needs to be replaced. The underground work provides an opportunity to reconstruct the road including new concrete sidewalks, road surface, traffic calming measures and cycling accommodations.



LEGEND

-  SEWER LINING / WATERMAIN LINING / ROAD REHABILITATION
-  WATERMAIN AND SEWER REPLACEMENT AND ROAD REHABILITATION
-  ROAD REHABILITATION
-  SEWER LINING / ROAD REHABILITATION
-  SEWER LINING

Project Overview

Monk Street (Holmwood Avenue to Wilton Crescent), Woodlawn Avenue, Oakland Avenue and Wilton Crescent

- Replacement of the existing watermains and combined sewers
- Watermain and sewer service laterals will be replaced to the property line
- Full road reconstruction including concrete sidewalks and curbs
- Implementation of traffic calming measures including speed humps, road narrowings/curb extensions
- Raised intersection on Wilton Crescent at Monk Street
- Raised crosswalk on Queen Elizabeth Place at Wilton Crescent
- Painted bike lanes on Monk Street from 30m north of Wilton Crescent to Holmwood Avenue. Shared use lanes on Monk Street within 30m of Wilton Crescent
- Painted bike lanes on Wilton Crescent from Bank Street to Monk Street
- A Pedestrian Crossover (PXO) on Monk Street south of Woodlawn

Please refer to the design drawings posted on the project webpage for additional details:

ottawa.ca/monkstreet

Project Overview

Wilton Lane

- Lining of the existing watermain and combined sewer
- Watermain services will be replaced to the property line
- Sewer service laterals will be lined from basements to the sewer
- Resurfacing of the laneway

Tackaberry Lane

- Lining of the existing combined sewer
- Resurfacing of the laneway

Ernie Brady Lane

- Resurfacing of the laneway



Tree Protection

Preserving and limiting impacts to existing trees is extremely important to the City.

Oakland Avenue Tree

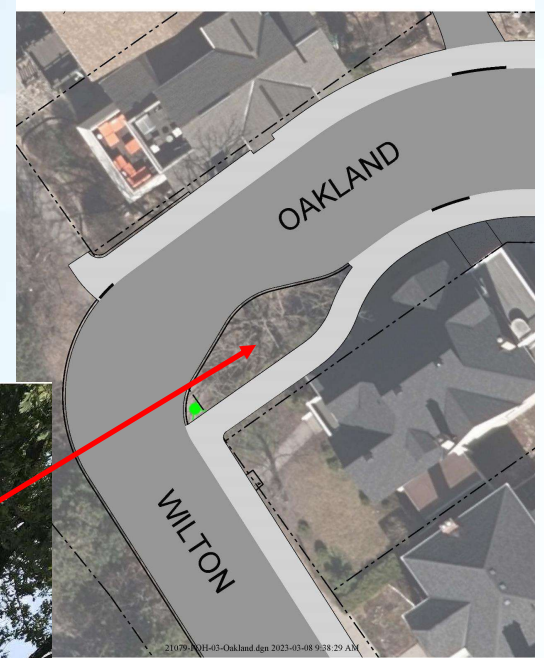
The design includes a road narrowing at the intersection of Oakland Avenue and Wilton Crescent to give the existing mature tree some soft landscaped area and curb protection.

Tree Protection

Tree protection will be installed at the beginning of construction.

Tree Pruning

There may be some tree pruning prior to construction to help protect the trees.



Neighbourhood Traffic Study

Woodlawn Avenue

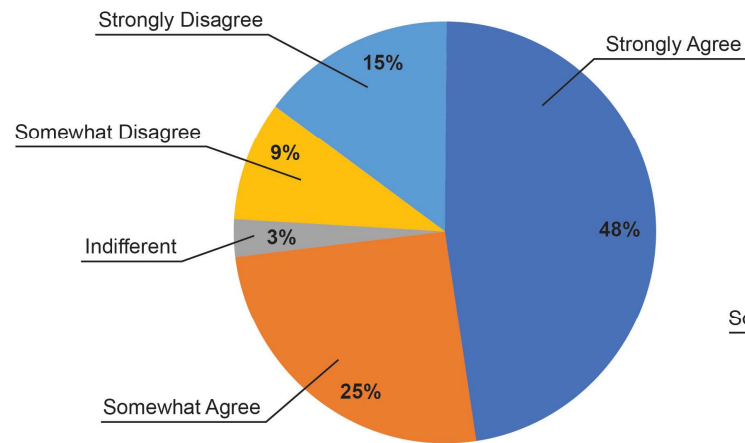
In order to limit impacts and harm to several mature trees located behind the existing sidewalk, preserve on-street parking and construct two sidewalks meeting current standards, the City reviewed the possibility of converting Woodlawn Avenue to a one-way road and completed a Neighbourhood Traffic Study.

As part of the review, a resident survey was completed to seek input on the proposed change. A total of 67 residents responded to the on-line questionnaire. 34 of the 67 respondents declared living on Woodlawn Avenue.

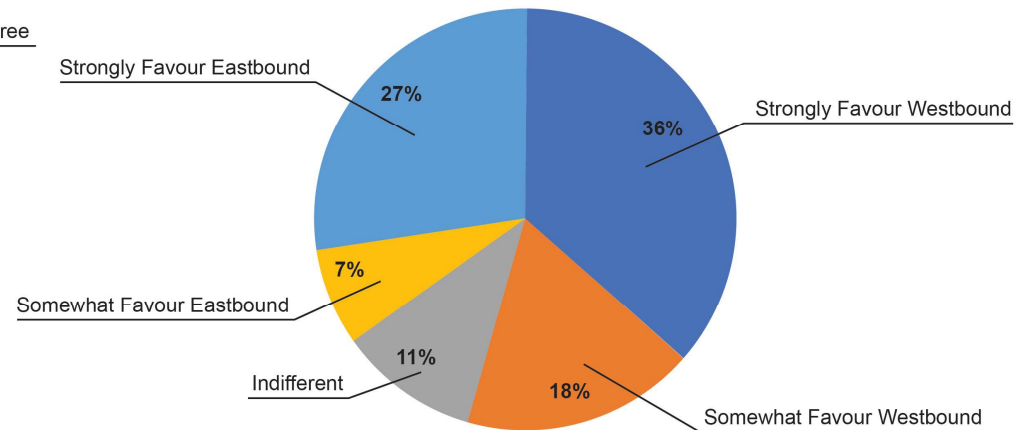


Woodlawn One-Way Survey Results

- 73% of the 67 respondents strongly agree to somewhat agree with the proposal to convert Woodlawn to a one-way. 24% strongly disagree to somewhat disagree and 3% were indifferent.
- 54% strongly agree to somewhat agree to a westbound direction with 34% for the eastbound direction. 11% were indifferent.



Resident's Survey Responses on Proposed One-Way Roadway Conversion



Resident's Survey Responses on One-Way Roadway Direction

Woodlawn Avenue One-Way Conversion

Criteria	Woodlawn Avenue	
	One-Way Eastbound	One-Way Westbound
Traffic Volumes	<p style="text-align: right;"><i>Moderately Preferred</i> ●</p> <p>A greater volume of vehicles typically enter Woodlawn Avenue from Monk Street than Ralph Street during the AM and PM peak hours.</p>	
Traffic Analysis	<p style="text-align: right;"><i>Equally Preferred</i> ✓</p> <p>Minimal impact on surrounding intersections and road network with the conversion of Woodlawn Avenue to a one-way roadway.</p>	
Resident's Survey	<p style="text-align: right;"><i>Moderately Preferred</i> ●</p> <p>36% of residents who use Woodlawn Avenue at least several times a week strongly favour one-way westbound, as opposed to 27% favouring one-way eastbound.</p>	
Parking Supply	<p style="text-align: right;"><i>Moderately Preferred</i> ●</p> <p>Woodlawn Avenue one-way westbound would maximize and retain the existing parking supply.</p>	

Preferred Solution – Woodlawn Avenue One-Way Westbound

Next Steps – A report or a motion to delegate approval to a designated member of staff will be brought to Committee / Council for approval later this year.

Lining of sewers and watermain

Because of space constraints, the combined sewers on Tackaberry Lane and Wilton Lane will be rehabilitated using a no-dig trenchless technology called Cured-In-Place Pipe (CIPP) lining. The sewer across the Brown's Inlet will also be lined. This technology is chosen when it is not cost practical to replace the sewer by open cut or when constructability is a concern.

This method of construction is much less disruptive than the conventional open cut construction method as there is no excavation and is significantly faster (only taking several hours). A liner soaked with resin is installed within the existing sewer and heated using steam until it hardens. Afterwards, connections to buildings along the sewer, as well as connections to manholes, are made using remote controlled technology. Lining of laterals is then completed from the basement to the main.

Lining of the watermain on Wilton Lane will be done using a CIPP lining, however the liner meets potable water standards.

This work will be done this spring in advance of the main construction. Additional information will be provided to impacted homeowners.



Anticipated Construction Schedule

The anticipated construction schedule below may change based on unforeseen circumstances or if the successful Contractor chooses a different staging strategy.

2023 – Summer to Fall

- Wilton Crescent from Bank Street to Monk Street
- Monk Street from Wilton Crescent to Holmwood Avenue

2024 – Spring to Fall

- Wilton Crescent from Monk Street to Oakland Avenue
- Woodlawn Avenue from Monk Street to Ralph Street

2025 – Spring

- Wear course asphalt (some or all streets)
- Miscellaneous reinstatements and landscaping

2023 or 2024

- Oakland Avenue from Monk Street to Wilton Crescent
- Resurfacing of Tackaberry, Ernie Brady and Wilton Lanes



Construction Impacts

Traffic Management During Construction

- Monk Street - Converted to a one-way, one-lane northbound. The east side of the road will be used by the Contractor as a staging area for material, equipment and possible site trailer(s).
- Wilton Crescent from Bank Street to Monk Street & Queen Elizabeth Place at Wilton Crescent – Full closure for approximately one month.
- Monk Street from Wilton Crescent to Oakland Avenue – Full closure for approximately one month.
- Woodlawn Avenue, Oakland Avenue and Wilton Crescent – Closed to local traffic during active construction
- Tackaberry Lane, Ernie Brady Lane and Wilton Lane – Closed during resurfacing work

Note: The above anticipated traffic impacts are subject to change depending on the Contractor's chosen staging strategy.

Construction Impacts

Parking

On-street parking will not be permitted within the active construction zone(s). Signage will be posted a minimum of 24 hours in advance.

In addition, short term driveway access restrictions will be required for the construction of the new sewer and/or watermain and for the placement of the new asphalt road surface and concrete sidewalk (when construction is right in front or in proximity of the driveway).

To provide local residents with parking options in 2024 (when the impacts to parking will be significant), parking restrictions will be implemented within the project construction limits. On-street parking passes will be provided to local residents impacted by construction and parking within the project construction limits will be restricted to pass holders only



Construction Impacts

Private Property

For many properties, there will be little to no work completed on private property. Works which will take place near to the property line will consist of sewer and water services replacements and minor grading/landscape works to tie-in to the adjacent front yards. Any disturbed private landscaping features, driveways and/or walkways will be reinstated as required. If work is required on private property, the homeowner will be notified in advance.

Lawn Irrigation System

If you own a subsurface lawn irrigation system, please notify the City's Project Manager, Josée Vallée.

Construction Impacts

Noise

Activity on this project will generate general construction noise. The City of Ottawa Noise By-law (2017-255) allows construction activity to occur weekdays between 7 am and 10 pm. On Saturdays, work is permitted between 7 am and 10 pm, while on Sundays, statutory and public holidays work is permitted between 9 am and 10 pm.

Vibration

Construction activities and heavy equipment will produce low intensity ground vibrations. This is quite common and typical observed vibrations are unlikely to cause damage to adjacent structures. It is important to note that people and buildings react differently to vibration. While a person might be able to feel vibrations, it does not mean that damage to building elements has occurred. In recognition of the potential for production of vibrations from the construction work, a vibration monitoring program to monitor construction induced vibration levels will be implemented.

Accessibility

Accessibility is an important consideration for the City and we will make every effort to provide access through and around the construction zone. Pedestrian access to homes will be maintained at all times. Please contact the project team if you require disability-related accommodations during construction.

Temporary Water Services

During the watermain reconstruction, your property will be placed on a temporary water service.



Temporary Water Services

- Private home/building fire suppression systems could be impacted as temporary water is being provided for domestic consumption purposes only. If you have a home/building fire suppression system, you are recommended to make arrangements with a fire protection services company in order to determine the extent of any impact. For information on minimizing your fire risk contact the City's Fire Services at 613-580-2424 ext. 15371.
- Water interruptions are necessary for the commissioning and decommissioning of the temporary water system. Residents will be informed of water interruptions 24 hours in advance by the City.
- While your property will be on this temporary water service, your water usage will be estimated since the temporary service is not metered. Your water bill will be based on your past average water usage. If you have any questions, please contact Revenue at 613-580-2444 or WS-Billing@ottawa.ca

Lead Pipe Replacement

Given the age of homes of the area, it is possible that you have a lead pipe water service. As part of this project, all residential water services will be replaced between the main and the City property line with copper service material.

The replacement of services on private property is the responsibility of the homeowner 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) and Copper pipe (right)

Pre-Construction Survey

- As part of their contract, the Contractor will be completing Pre-Construction Inspections of private properties (subject to property owner approval).
- It is beneficial to allow the inspections to be conducted as it may assist in establishing the impact, if any, that construction has had at your property after work is complete.
- More details will be provided in the construction notices that will be delivered to residents before construction start.

Next Steps

- Public Information Session via Zoom: April 19, 2023
- Finalize the design drawings: spring 2023
- Lining of Wilton Lane, Tackaberry Lane and Brown's Inlet combined sewers: Spring 2023 (separate contract)
- Tender period: spring 2023
- Construction start: summer 2023
 - Residents will receive a notice with additional information including schedule and contacts in advance of construction start
- Final approval for the Woodlawn Avenue one-way conversion
- Construction completion: spring 2025

Stay Informed

The following communication options are provided to keep the community informed and up to date on this project throughout construction:

Project Webpage:

ottawa.ca/monkstreet

Project Email Address:

MOWW@ottawa.ca

E-Newsletter Subscription:

ottawa.ca/esubscriptions

Thank You!

Thank you for participating to our online engagement opportunity. We encourage and welcome your feedback.

Please email your comments to MOWW@ottawa.ca or call the City of Ottawa Project Manager by April 30, 2023.

Additional enquiries should be directed to the City of Ottawa Project Manager.

City of Ottawa Project Manager

Josée Vallée, P. Eng.

Senior Engineer, Infrastructure Projects

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