

Mackay Crescent Reconstruction Resident Construction Information Package

Purpose of this Information Package

Given the on-going COVID-19 pandemic, the typical in-person pre-construction public information centre will not occur. This information package has been prepared to provide residents with the most recent information concerning the reconstruction of Mackay Crescent as well as answers to some of the most common questions surrounding reconstruction projects.

Please note that reconstruction projects of this nature often have a number of uncertainties. Certain material in this package such as dates, schedules and phasing can change as the project progresses based on weather, the availability of subcontractors, previously unknown conditions beneath the surface, etc.

City and Consultant Contacts

For this project, the City has retained the services of an engineering consultant to prepare the design and provide support during construction. During construction, the consultant will have a full-time inspector on-site to monitor construction activities and liaise with residents. The City will also have a part-time inspector on-site.

The contact information for the City's and the consultant's project manager are provided below. Contact information for the consultant's inspector, City's inspector, and the contractor retained to complete this work are provided on the last sheet of this package. It is recommended that you retain this sheet for reference during construction.

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Scope of Work

The general scope of work includes the full reconstruction of Mackay Crescent from Weber Street North to Alvin Street (northernmost intersection), including:

- Replacement of the existing sanitary sewer, storm sewer, and watermain
- Replacement of sanitary and water service laterals from the main to the property line. “Black pipe” sanitary service laterals, where present, will be replaced from the main to the house.
- Replacement of the curb and gutter, asphalt road and concrete sidewalk
- Replacement of driveway ramp entrances
- Restoration of disturbed areas
- Installation of new sidewalk on south side of Mackay Crescent from Weber to Moses Springer Park trail.
- Narrowing of Mackay Crescent and elimination of parking on one side of the road from Weber to Moses Springer Park trail.
- Replacement of storm sewer and outlet within trail to Moses Springer Park, as well as replacement of asphalt on trail from the road to the bridge across Laurel Creek.

Project Limits

The project limits are from Weber Street North to Alvin Street (northernmost intersection) and includes most of the intersection of Alvin and Mackay. The extents of reconstruction are illustrated on the figure on the following page. The reconstruction should not result in any disruption to traffic on Weber Street.



Project Schedule and Staging

Construction is tentatively scheduled to begin on or about Monday May 10th with the work to be completed by mid-fall 2021.

In order to minimize disruptions and allow for on-street parking during times when access to private driveways is restricted, the work will be carried out in phases. The current plan is for the project to be staged as follows:

Stage 1: Alvin to Moses Springer Park trail

Stage 2: Moses Springer Park trail to Weber

During Stage 1, the portion of Mackay Crescent west of the trail will be left mostly intact with access for trail users maintained. Although access may be maintained, the contractor may store some equipment and materials on the road or in the boulevard of Stage 2.

Who Will be Doing the Work?

The work will be completed by a private contractor, Navacon Construction Inc., selected through the City's public tender process.

Vibrations and Pre-Construction Condition Assessment

Residents will likely feel some vibrations during the routine operation of construction equipment; however, studies have shown that the vibrations to be experienced are much less than the vibration level required to cause structural damage. We do recommend that you remove light, fragile or delicate objects from shelves when construction activity is taking place adjacent to your property.

Prior to the start of construction, a pre-construction condition assessment of the homes directly adjacent to construction activities will be completed. This survey typically includes the visual inspection and photographing of the foundation and other features both inside and outside of your home to establish baseline conditions in the unlikely event that damage is caused during construction. In keeping with the Region of Waterloo Public Health's directive for social distancing, the assessment will only catalogue exterior features at this time. While interior features may be assessed at a later date, you may wish to consider taking your own photographs for reference.

Access and Parking

Throughout the majority of construction, residents within the active construction stage will not have access to their driveways or be able to traverse the road during contractor working hours. These are typically between 7:00am and 5:00pm from Monday to Friday, however may go later or occur on weekends depending on progress. Residents will be required to move their vehicles out of their driveway and onto neighbouring streets during this time. Residents will frequently, but not always, have access to their driveway in the evening and on weekends. Although vehicular access to private property may be possible, it's considered to be at your own risk as you will be traveling through a construction zone.

During later stages of construction, you may not have access to your driveway for many days in a row. This is typically due to the time required to place and cure concrete for the curbs, gutters, sidewalks, and driveway aprons. At this time, residents may be able to park on the street in front of their residence in the evening or on weekends.

During times when you do not have vehicular access to your property, or if you do not wish to travel through the construction zone, you will be able to park on neighbouring streets with the use of an on-street parking permit that will be provided to residents by the City. This permit allows for unlimited parking during the day and overnight parking; however, residents must still abide by all other parking restrictions (i.e. no parking in front of fire hydrants, no parking where parking is already prohibited, etc.).

Residents will be provided two parking passes prior to the start of construction for each phase. If additional passes are required, please contact the City's project manager.

Occasionally some accommodation can be made for residents who require vehicular access in and out of their driveway during working hours for deliveries of medical supplies or to attend medical appointments, however the City will require advance notice to determine what accommodation can be provided. **Please notify the City's project manager of any special accommodation you may have regarding vehicular access to your property. Failure to provide sufficient advanced notice may result in access not being available.**

Sidewalks and Pedestrian Access

Pedestrian access to all properties will be maintained at all times, although periodic disruptions may occur for short durations. In general this will be accomplished by leaving as much of the sidewalk in place for as long as possible. Sections of sidewalk will need to be removed as construction progresses in order to replace water and sanitary service laterals. Where the concrete sidewalk panels need to be removed, the contractor will provide a level, gravel walking surface for pedestrians.

On Mackay Crescent there is only sidewalk on one side of the street. Residents without a sidewalk will be required to walk along the grass in the City owned boulevard.

The City can make accommodations for those with special mobility needs, but only if the needs are known in advance. **Please notify the City's project manager of any special needs you may have regarding access to your property.**

Water and Sanitary Sewer Services During Construction

To maintain water service during construction, a temporary watermain will be constructed. It will consist of a plastic pipe running along the surface in front of your property and will connect to your existing water service at the property line. As the system is built at ground surface, it is susceptible to damage from normal landscape maintenance activities. To avoid unnecessary shutdowns of your water service during the project, please take care when working around the temporary water service, especially when mowing the lawn.

Sewer and water service will be maintained throughout the duration of construction. However, short interruptions can be expected, particularly when installing or dismantling the temporary watermain or when sanitary services are transferred from the existing sewer to the new sewer. In the majority of cases, interruptions will be limited to a few hours and will occur during normal working hours. Advance notification will be provided prior to any planned service interruption.

"Black Pipe" Sanitary Service Lateral Replacement

The City of Waterloo's Black Pipe Lateral Replacement Program will be included as part of this project. Typically, service laterals are only replaced to the property line; however, if your property has been identified as having "black pipe" material for your sanitary service lateral, you will have your lateral replaced from the new sewer main up to your house. In some cases, the sanitary lateral pipe material is unknown and therefore the contractor will be completing a video inspection of these sanitary sewer laterals at the beginning of the construction activities to confirm the scope of replacement. Replacement of the black pipe laterals will often utilize trenchless technologies (i.e. pipe bursting or pipe lining) to minimize disruption to surface features. As part of this work, the contractor may require access to your basement to facilitate the video inspection as well as replacement and final connection of the new sanitary service lateral. All recommended COVID-19 protocols will be employed when access to the house is required.

Homeowners are advised that timely coordination with the Contractor is vital. If contacted by the Contractor to arrange for an inspection of the interior of your home and to schedule a date for replacement, please respond as promptly as possible. Your cooperation will help ensure that delays to the overall road reconstruction project are avoided.

Garbage, Blue Box and Green Bin Collection

Please continue to place your garbage, blue boxes and green bins at curbside prior to 7:00 a.m. for pickup as usual. If the garbage and recycling trucks are unable to travel on the roadway, the contractor will move these containers to the nearest intersection for pickup and return the bins to your property following pickup. Please use plastic garbage bags wherever possible and **clearly mark returnable containers and bins with your address to assist the contractor in returning them to your property.**

Deliveries

During construction, parcel delivery is frequently possible as the delivery service will have access to the sidewalk and/or boulevard during construction. However, not all parcel or delivery companies will deliver under all circumstances. For some parcel delivery companies, the decision of whether or not to deliver rests solely with the delivery person, based on safety considerations at the time of delivery. This can result in certain packages on the street being delivered and others not delivered on the same day due to different safety perceptions by the employees of the delivery companies. Residents are advised to consider these factors when ordering packages for delivery.

All residents who receive deliveries of critical medical supplies are asked to communicate any specific delivery needs to the field inspectors in order to coordinate the safe and efficient delivery of goods and supplies.

Working from Home and Internet Access

Those who require internet access while working from home are advised to inform their employer of the construction and prepare contingency plans in the event that internet access is interrupted during construction. Interruptions to internet access are very rare and typically result from strikes of non-located services, meaning they typically affect only one home at a time.

If there is an interruption to internet service please contact your internet service provider first prior to informing the construction foreman or the engineering consultants inspector. The contractor will notify the telecom utility of the service interruption as well, however previous experience indicates that the response is faster when the customer contacts the utility directly.

Mackay Crescent Reconstruction – Field & After-Hours Contact Information

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City of Waterloo After-Hours #

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