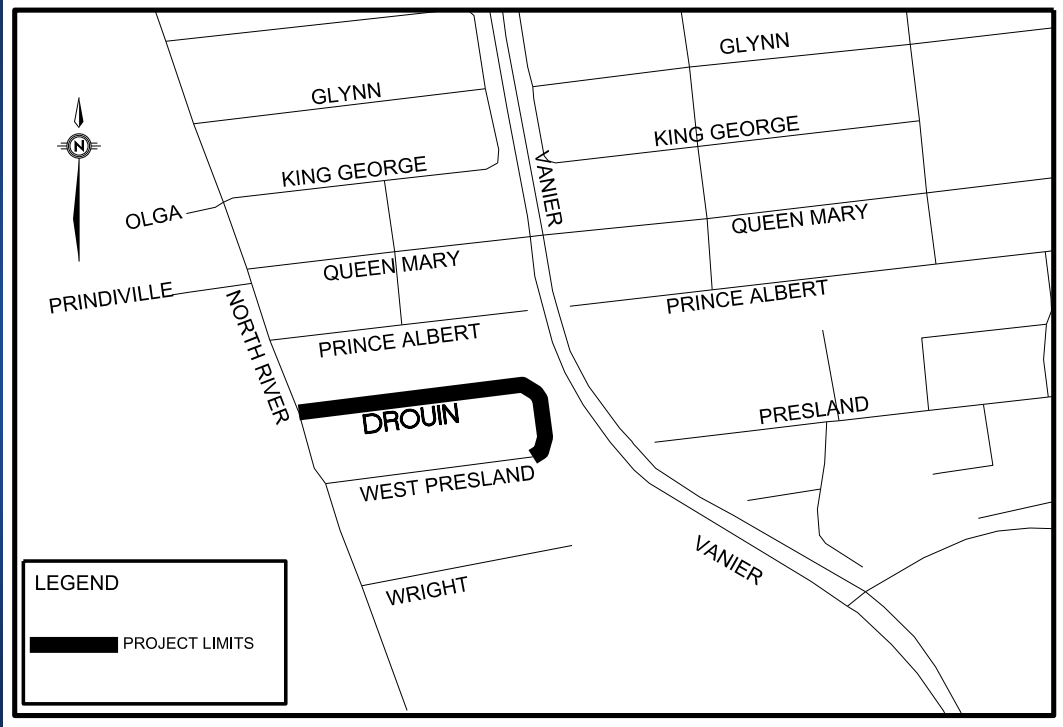


# Integrated Renewal: Drouin Avenue

Contract No. CP000665



Public information session  
March 21, 2024: 7 to 9 pm



# 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.

# Introductions

**Thank you for attending this public information session.**

Information boards are set up around the room. Please take your time to review if you have any questions, we are more than happy to assist. Alternatively, the presentation can be accessed by scanning the QR Code.

## Hosts

### **City of Ottawa** | Owner

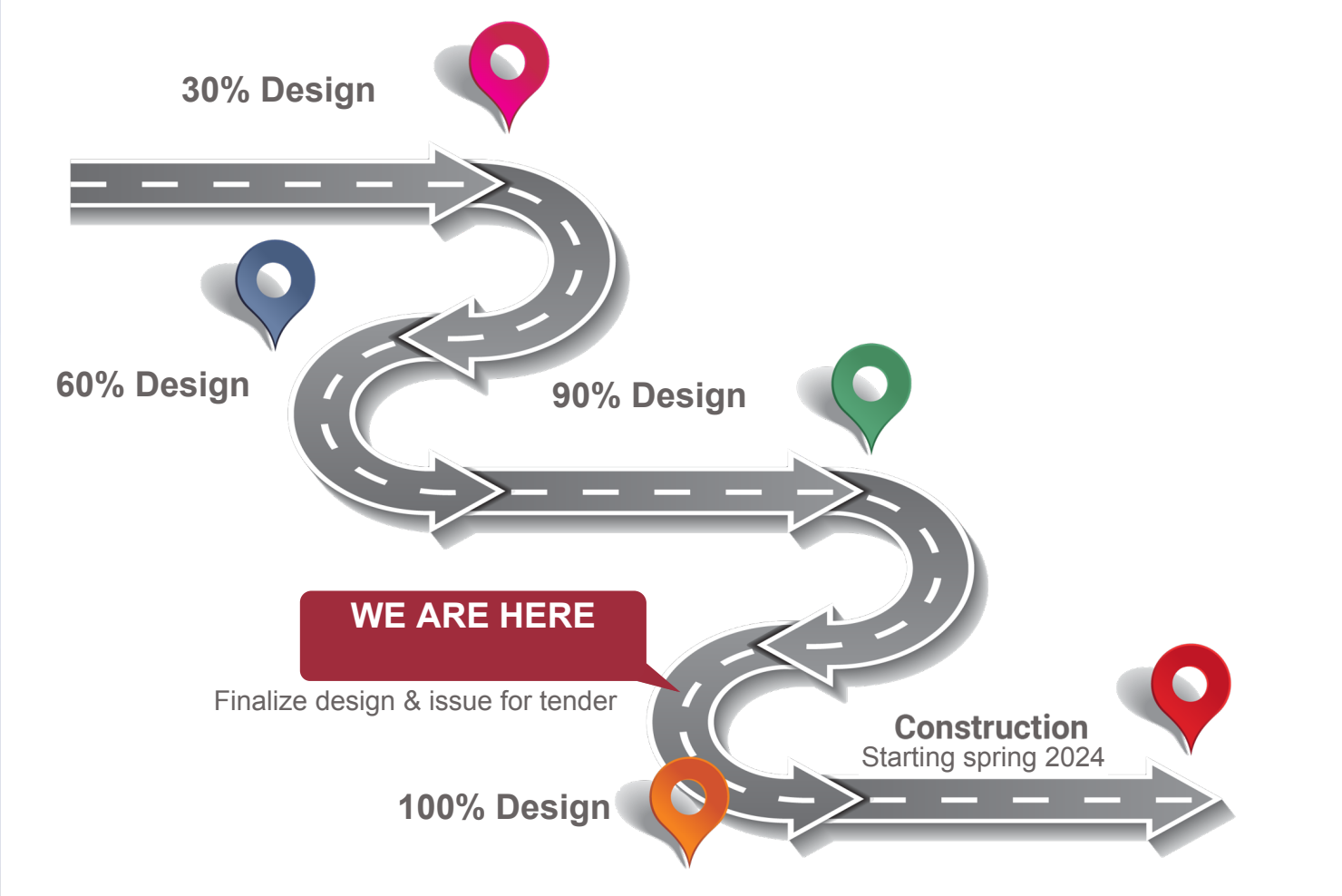
- Joe Mojsej, City Project Manager

### **Ainley Group** | Design Consultant

- Guy Ste-Croix, Project Manager
- Anmar Al-Faraj, Project Engineer



# Project timeline



# Project scope

## Water distribution works

- Replace existing 150mm diameter unlined cast iron watermain with new 200mm diameter PVC watermain.
- Install new fire hydrants to meet fire hydrant spacing requirements.
- Replace existing services up to the property line.
- Install temporary water service during construction to facilitate the installation of the new watermain.



# Project scope

## Sanitary drainage works

- Replace existing 225mm diameter sanitary system with new 250mm diameter PVC sanitary sewers and maintenance holes.
- Install new PVC sanitary services up to the property line.



# Project scope

## Storm drainage works

- Existing 1800mm diameter concrete storm trunk sewer to remain protected in place.
- Install new and replace existing catch basins to improve collection and drainage of surface water.
- Install new 300mm diameter storm sewer system and maintenance holes along the north-south leg of Drouin Avenue to eliminate existing surface ponding and drainage issues on Drouin Avenue/West Presland Road intersection (see photo).



# Project scope

## Road reconstruction works

- Replace existing concrete sidewalks and concrete barrier curb.
- Replace the existing road structure with new granular road base and two (2) lifts of asphalt.
- Reinstall existing driveway aprons.





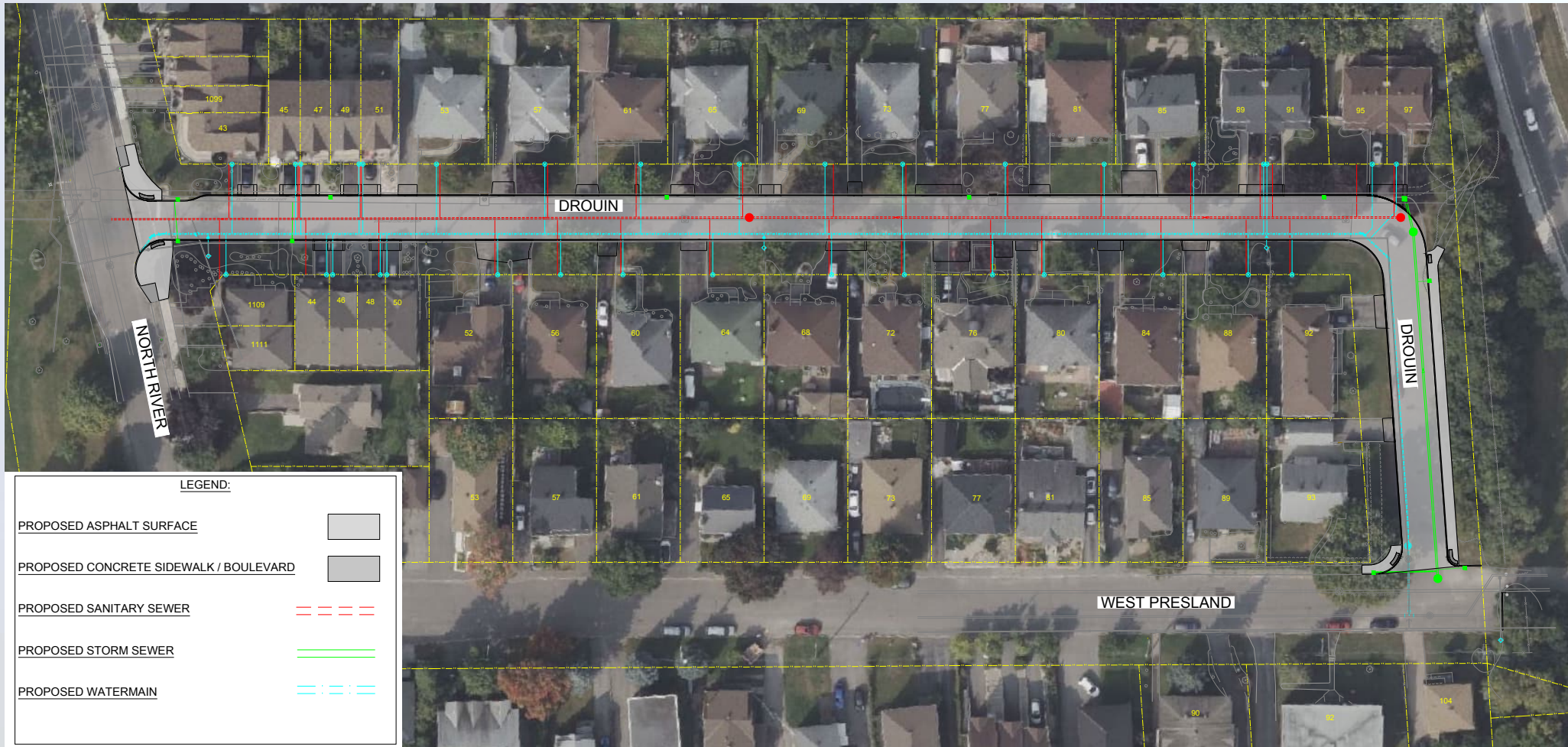
# Project scope

## Road geometry improvement and traffic calming measures

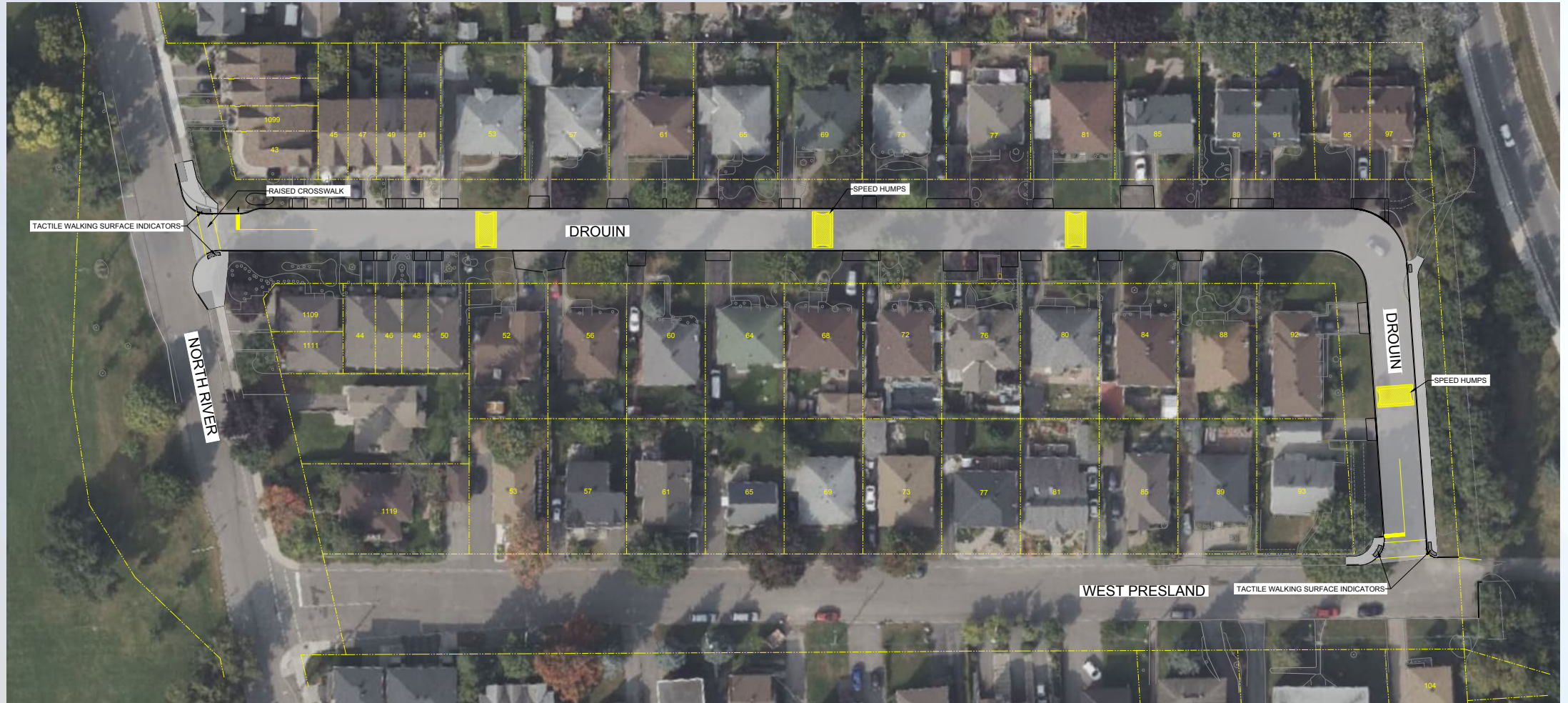
- Install tactile plates at sidewalk to curb ramps for AODA (Accessibility for Ontarians with Disabilities Act) compliance.
- Install asphalt raised crosswalk and narrow Drouin Avenue/North River Road intersection to reduce vehicle turning speeds as well as pedestrian crossing distances.
- Install four (4) speed humps equally spaced along Drouin Avenue to self-enforce motorist to reduce vehicle speed on local residential roads.



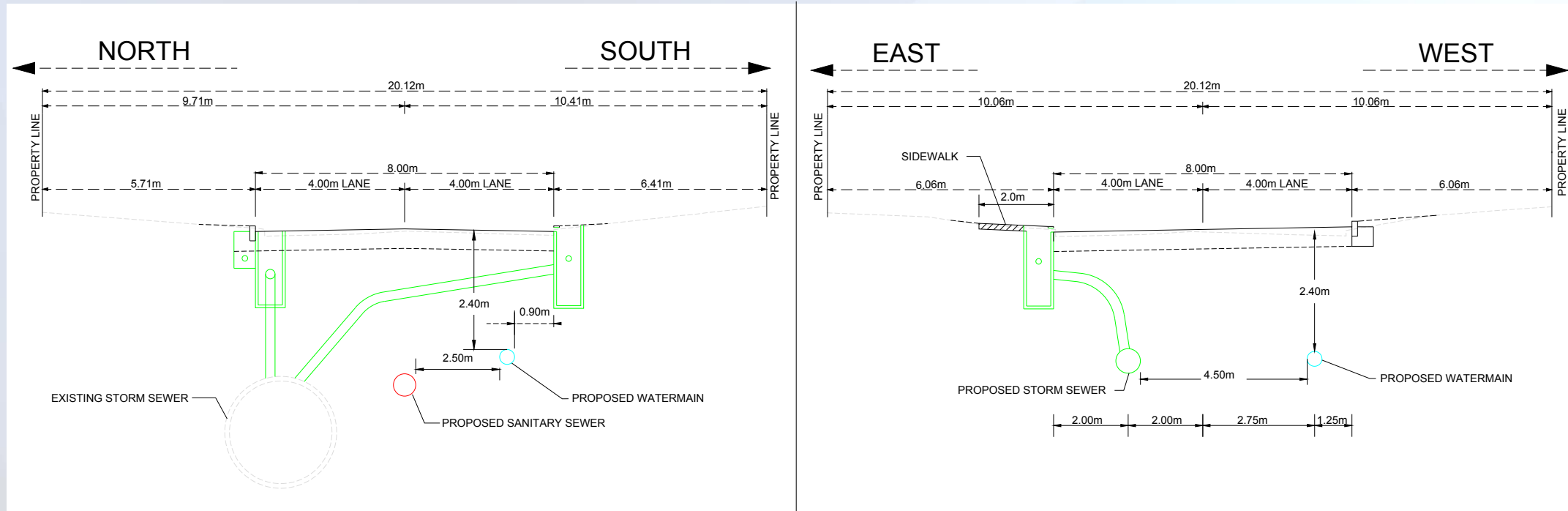
# Servicing plan



# Road modification plan



# Road cross sections



# Construction process

Phase	Description
Site preparation	<ul style="list-style-type: none"><li>▪ Installation of erosion and sediment control measures</li><li>▪ Utility locates</li><li>▪ Removals of existing pavement, curbs, sidewalks</li></ul>
Underground work	<ul style="list-style-type: none"><li>▪ Replacement of watermain, valves, hydrants and water services</li><li>▪ Replacement of storm sewers, catch basins, maintenance holes and services</li><li>▪ Replacement of sanitary sewer, maintenance holes and services</li></ul>
Earth work	<ul style="list-style-type: none"><li>▪ Road excavation and re-grading of road</li><li>▪ Placement of new road granular materials</li></ul>
Concrete work	<ul style="list-style-type: none"><li>▪ New barrier curb and sidewalk</li></ul>
Asphalt work	<ul style="list-style-type: none"><li>▪ Road and driveway paving</li></ul>
Restoration	<ul style="list-style-type: none"><li>▪ Topsoil and sodding</li><li>▪ Interlock pavers</li><li>▪ Pavement markings and reinstatement of traffic signs</li><li>▪ Site clean-up</li></ul>

# Impacts & mitigation

Impacts	Mitigation
<b>Road closed local traffic only</b>	Traffic control persons will be onsite to direct local traffic during the working day. Delays should be expected.
<b>Water / Sanitary service disruption</b>	Temporary water service will be provided during the construction period however, there will be times when water and sanitary services will be temporarily disrupted for a required construction activity. Advanced notices will be distributed to notify homeowners of these planned services interruptions however, there may be instances of breaks during construction which require emergency shutdown with no notice.
<b>Utilities</b>	The contractor will be responsible for locating the existing utilities during construction and working around them however, the location of the individual services are usually unknown and breaks should be expected.
<b>Driveway access disruption due to curb, sidewalk and paving works</b>	There will be times when driveway access will be restricted due to a required construction activity. Advanced notices will be distributed to notify homeowners of the driveway impact schedule and temporary parking locations.

# Impacts & mitigation

Impacts	Mitigation
<b>Construction dust</b>	Dust during construction should be expected however, the contractor will mitigate dust by use of water and calcium. Use of water as dust control is limited. If using water will result in excess mud that will be tracked onto the road, calcium will be used instead.
<b>Dirt tracking</b>	Street sweeping will be completed as necessary for removal of dirt/mud that is tracked onto adjacent streets outside of the construction zone.
<b>Construction noise</b>	Construction activities will generally be restricted to 7 am to 7 pm during weekdays (except for emergency repairs or other special circumstances, if required)
<b>Grass boulevard area disturbed</b>	The boulevard will be restored with new sod. In addition to the watering of sod by the contractor, frequent watering by resident is strongly recommended.
<b>Trees</b>	Tree protection fencing will be installed around trees, if required, to protect them from removal and injury.

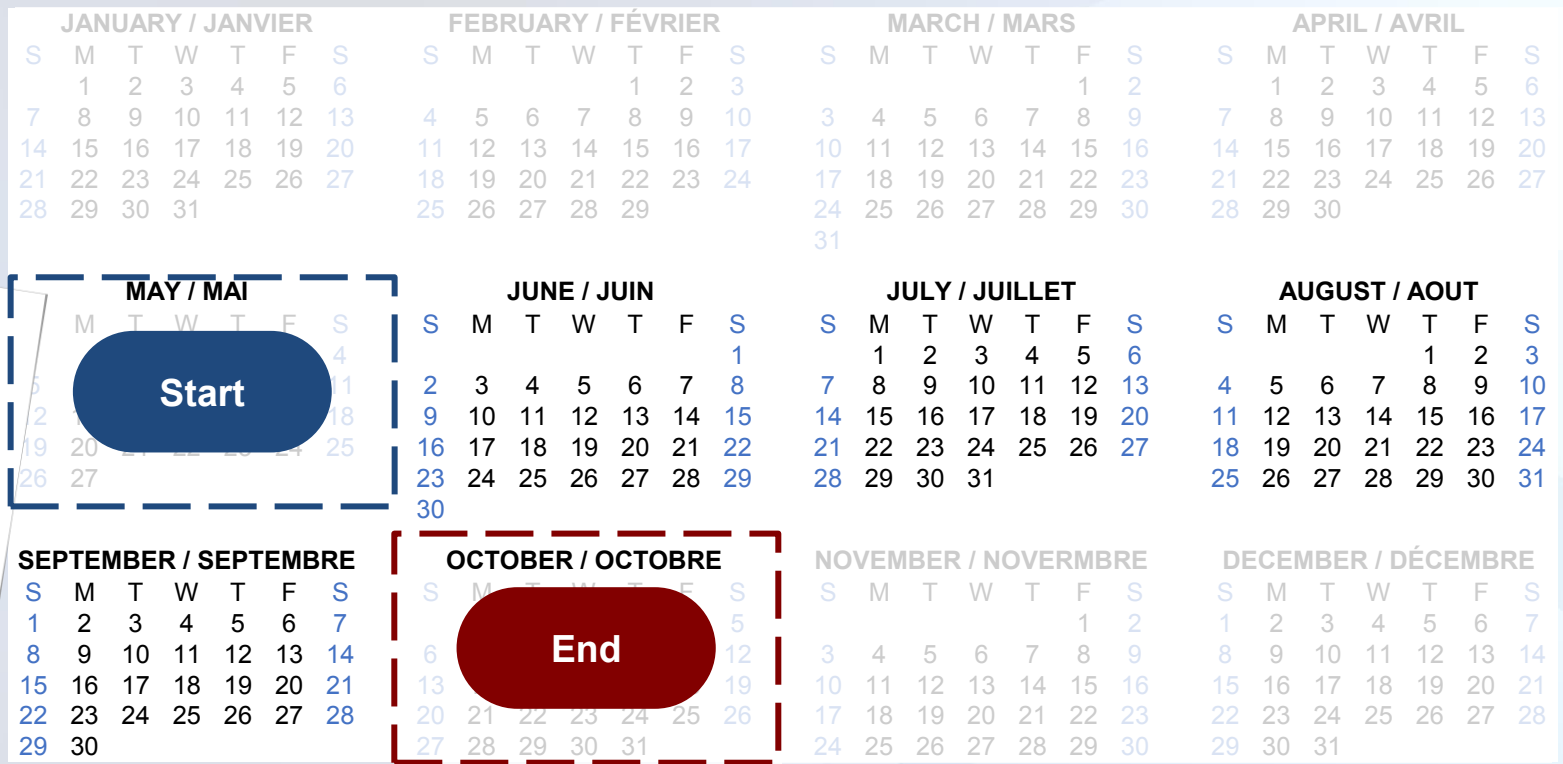
# Construction notification

- Prior to the start of construction, the City will issue construction notices to notify the homeowners of the scheduled start date.
- For any planned temporary water or sanitary services disruption during construction, the contractor will provide a minimum 2-day advanced notice to inform the homeowners of the temporary service shutdown. There may be instances of breaks that require emergency shutdowns with no notice.
- For any temporary driveway access disruption during construction, the contractor will provide a minimum 1-day advance notice to inform the homeowners of the temporary on-street parking locations.



# Construction schedule

2024



**2025**  
Second Layer of Asphalt<sup>1</sup>

**2026**  
2 Year Warranty Period  
Expiration  
- Anticipated October -

<sup>1</sup> The second layer of asphalt is typically placed a year after the first layer, in case there are any defects in the first layer of asphalt, such as settlement. This allows us time to identify any defects and correct them before the second layer (top course) of asphalt is placed.

# Thank you!

Thank you for your attendance. We encourage you to provide your comments via the [online form](#), by email or in writing using one of the comment sheets provided. Please deposit completed comment sheets in the box provided or mail/email your comments to the address shown on the bottom of the comment sheet **by April 4, 2024**.

All information/comments received will be maintained on file for use during the design and may be included in design documentation. With the exception of personal information, all comments will become part of the public record.

More information on the project can be found at [ottawa.ca/DrouinAvenue](http://ottawa.ca/DrouinAvenue)

## City Project Manager

**Joe Mojsej, P.Eng.**

Design and Construction—Municipal  
Infrastructure Services

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Email: [joe.mojsej@ottawa.ca](mailto:joe.mojsej@ottawa.ca)

Accessible formats and communication supports are available, upon request, at the following link: [www.ottawa.ca/accessibleformat](http://www.ottawa.ca/accessibleformat)

