



Nobleton Watermain Upgrades

Public Information Centre

October 23, 2024



Introductions

Thank you for attending this Public Information Centre.

Hosts

Township of King

- Daniel Wilkinson, Environmental Project Manager

Ainley Group | Design Consultant

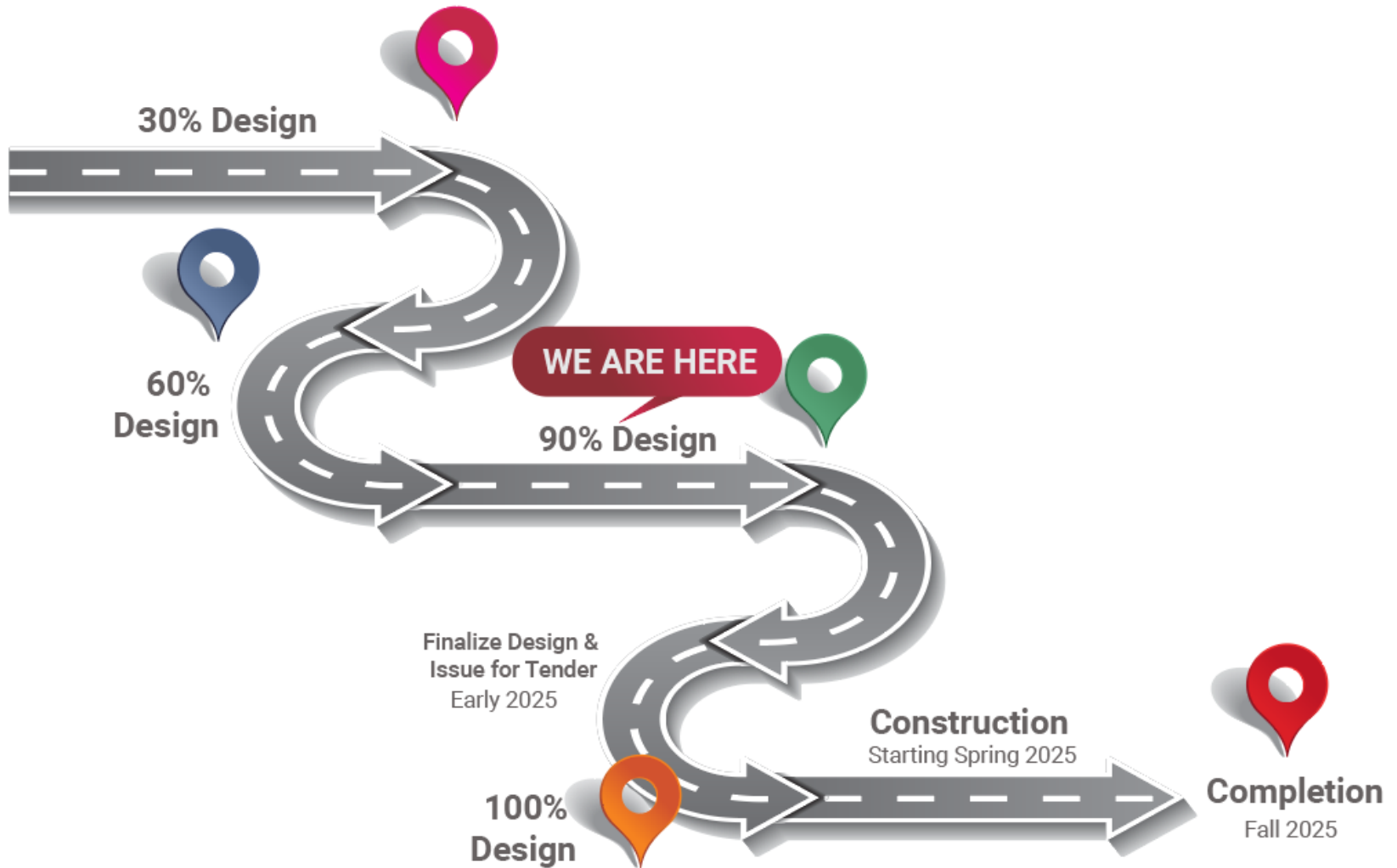
- Josh McLean, Design Technologist

Project Overview

- The primary purpose of this project is to replace the old aging watermain infrastructure with new.
- This is not a road reconstruction project. The Township and Contractor will make all reasonable efforts to minimize disturbances and restoration.
- The existing watermain will be kept live during construction on Elizabeth Drive and Cross Avenue. A temporary watermain will be required on Lynwood Crescent and Norman Drive due to having to install new watermain in the same location as existing.



Project Timelines



Project Location

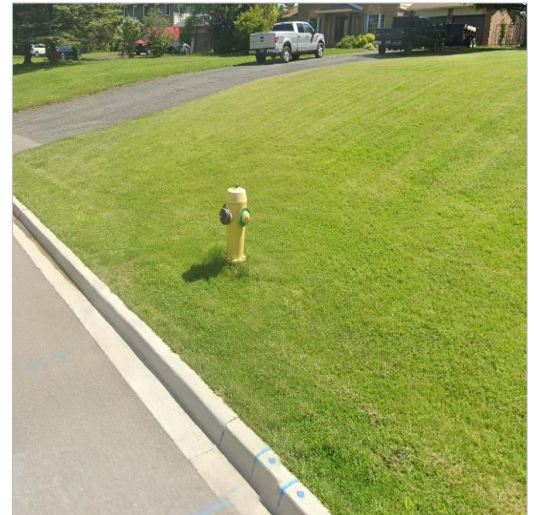
Norman Avenue, Lynwood Crescent, Elizabeth Drive, and Cross Avenue



Scope of Work

Water Distribution Works

- Replace existing 150mm diameter asbestos cement watermain with new 150mm diameter PVC watermain.
- Replace existing water services up to the property line with 25mm diameter service. Existing curb stops located within driveways will be relocated to grass areas.
- Replace existing fire hydrants and installation of additional hydrants to meet current fire protection standards.



Scope of Work

Temporary Watermain

- Due to space limitations, the new watermain on Lynwood Crescent will be installed in same location as the existing watermain. This will require a temporary watermain to be installed on Lynwood Crescent and part of Norman Avenue to maintain water supply during construction.
- The temporary watermain will be tested and commissioned to confirm it is potable before use.
- Residents will likely notice warmer water as the temporary watermain will be above ground.
- The temporary watermain can be installed in the boulevard and run under the driveways in the culverts. If the temporary watermain does need to cross over the driveways, asphalt millings will be used for ramping.



Scope of Work

Restoration Works

- All disturbed areas will be reinstated to existing conditions or better.
- Boulevards will be reinstated with 150mm topsoil and sod.
- The majority of the watermain will be installed within the existing asphalt roadway.
- Following watermain installation and temporary restoration the asphalt road will be reinstated by “shave and pave” procedures for half of the road, similar to the photo.
- Disturbance to driveways will be kept to a minimum. Limits of driveway restoration will be to the limit of disturbance only



Hydrants

New hydrants will be installed at the following locations:

- 5 Elizabeth Drive
- 35/41 Elizabeth Drive
- 69 Elizabeth Drive
- 88/100 Elizabeth Drive
- 27 Cross Avenue
- 17/11 Cross Avenue
- 37 Royal Avenue
- 38 Lynwood/43 Norman Avenue
- 36 Norman Avenue
- 104 Lynwood Crescent



Water Services and Landscape Features

- The Contractor will excavate at the existing curb stop valve (CSV) at the property line. If the CSV is located in privately-owned gardens or surrounded by landscape features within the Municipal right-of-way, homeowners will be asked to remove / relocate these features prior to construction. If the CSV is in a driveway, the new one will be placed in the grass boulevard, if possible.
- Where trees are close to the curb stop boxes, excavation will be done with a vac truck to protect the roots.
- Homeowners must locate all sprinkler lines and heads accurately. Unmarked sprinklers will not be repaired. Please do not use flags that are being used to locate utilities as it is important they not be removed.
- In some circumstances trees may need to be removed. If this is the case homeowners will be notified.



Pre-Condition Surveys

- As part of the construction contract a third party will be completing pre-condition surveys prior to construction. This will involve a third party company completing an inspection of both the interior of the house and/or exterior of the house and property. They will document the existing conditions of the premises prior to construction.
- This is voluntary and only residents who respond to the notices will have pre-condition surveys completed; however, we strongly recommend that all residents partake as it protects all parties in the event of claim.
- If a home owner believes damage to the premises was the result of construction there will be photographs showing the existing conditions prior to construction. It will be more difficult for a resident to pursue a claim for damages to the premises as a result of construction activities if a pre-condition survey was not completed.

Construction Impacts and Mitigation

Impacts	Mitigation
Traffic	Traffic Control Persons will be on site to direct local traffic during the working day. Minor delays should be expected.
Water Service Disruption	There will be times when water will be temporarily disrupted for a required construction activity. Advanced notices will be distributed to notify homeowners of these planned service interruptions however, there may be instances of breaks during construction which require emergency shutdown with no notice.
Utilities	The Contractor will be responsible for locating the existing utilities during construction and working around them however, the location of the individual communications services (i.e., Bell, Rogers, etc.) to each house are not located by utility companies and breaks should be expected. If this happens it best for the customer to contact your provider directly.
Driveway Access Disruption	Disruption to driveway access will be very minimal such as when the Contractor is installing the watermain in front of the driveway.

Construction Impacts and Mitigation

Impacts	Mitigation
Construction Dust	Dust during construction should be expected however, the Contractor will mitigate dust by use of water and calcium.
Dirt Tracking	Street sweeping will be completed as necessary for removal of dirt/mud that is tracked onto adjacent streets outside of the construction zone.
Construction Noise	Construction activities will generally be restricted to 7am to 7pm during weekdays (except for emergency repairs or other special circumstances, if required). There may be times the Contractor works on Saturdays.
Grassed Boulevard Area Disturbed	The boulevard will be restored with new sod. The Contractor will be responsible for watering of the sod for a minimum of 30 days. Once reviewed by the Township and deemed acceptable it will be the responsibility of the residents to maintain the sodded areas as you would normally.
Trees	Where excavation is required under tree drip line a hydro vac will be utilized to protect the tree roots.

Construction Notification and Communications

- Prior to the start of construction, the Town will issue construction notices to notify the homeowners of the scheduled start date.
- For any planned temporary water service 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 shut downs with no notice.
- A full time site inspector will be onsite during construction. Any questions or comments can always be addressed to the site inspector or the Township's project manager.
- Residents will be able to subscribe for email updates.



Any Questions?