

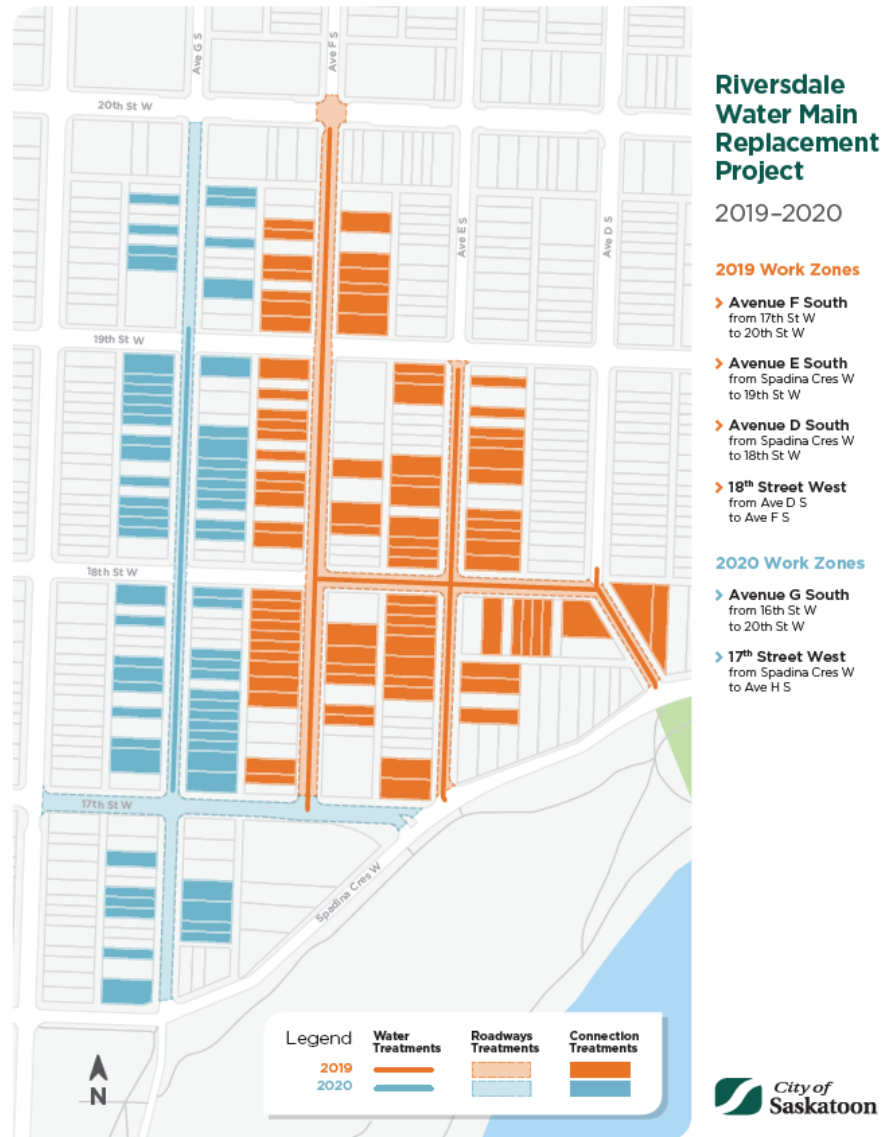
# 2019/2020 Riversdale Water Main Replacement Project

Water & Sewer Preservation Group

# Agenda

- Scope
- Order of Work
- Common Concerns
- Post-presentation Questions

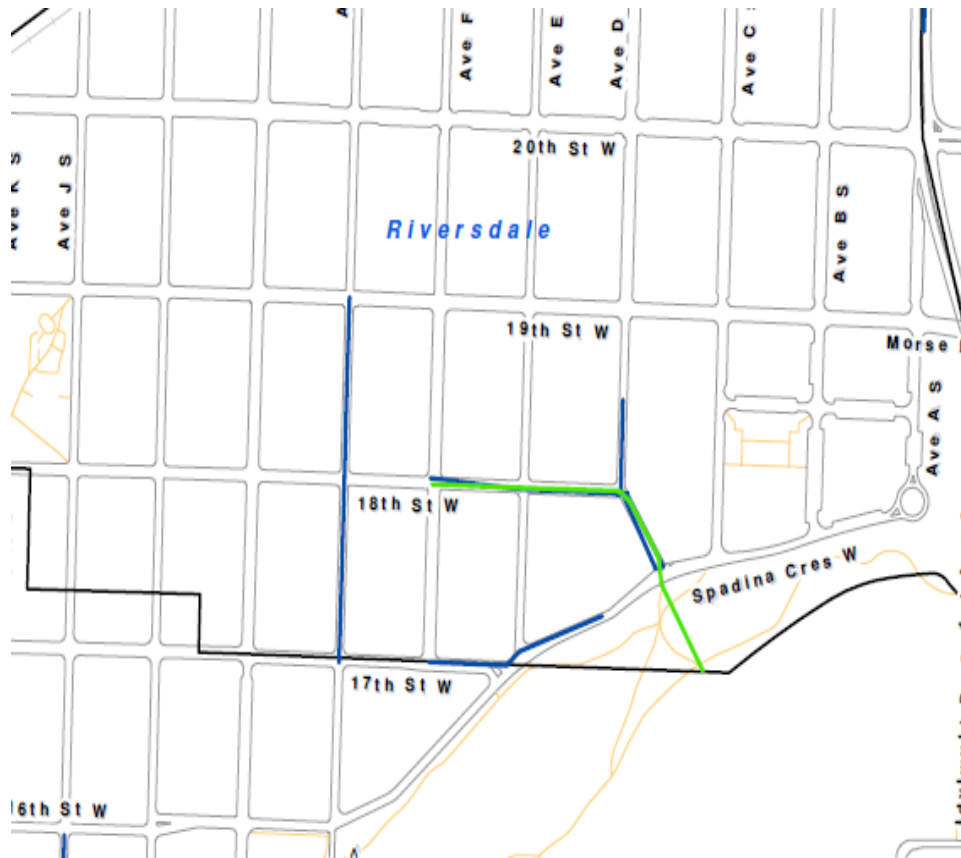
# Overall Scope



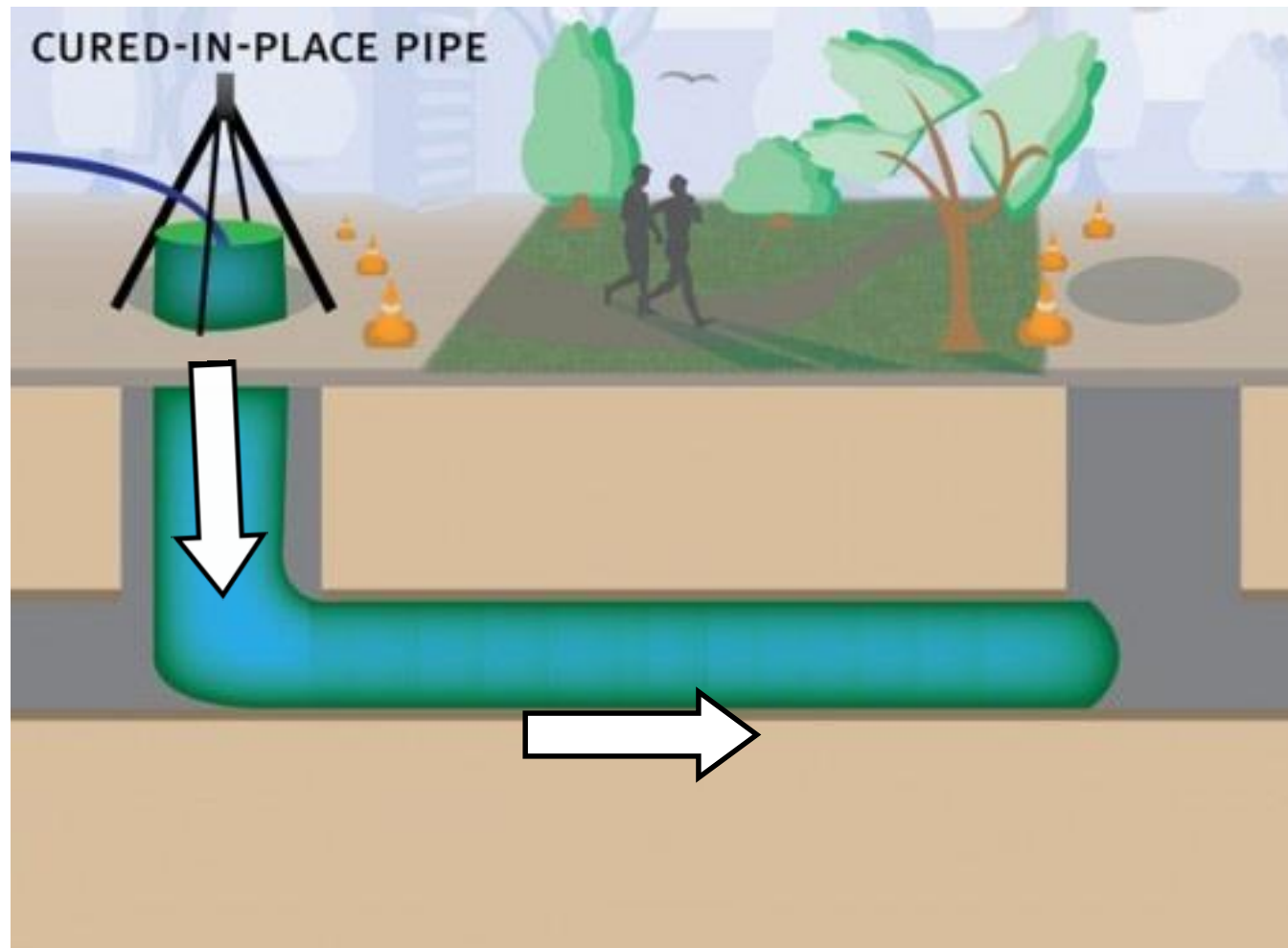
# Order of Work

1. Sewer Lining
2. Temp water set up
3. Connection Replacement
4. Water Main Replacement
5. Road Resurfacing
6. Final Site Restoration

# Sewer Lining



- Cured-in-Place-Pipe (CIPP) liner
- Done before water main rehab work
- Done before connection work
- Fast; non-invasive



# Temporary Water Supply

- Made up of 3 components



# Temporary Supply (hydrant)





# Temporary Water Main (pipes)





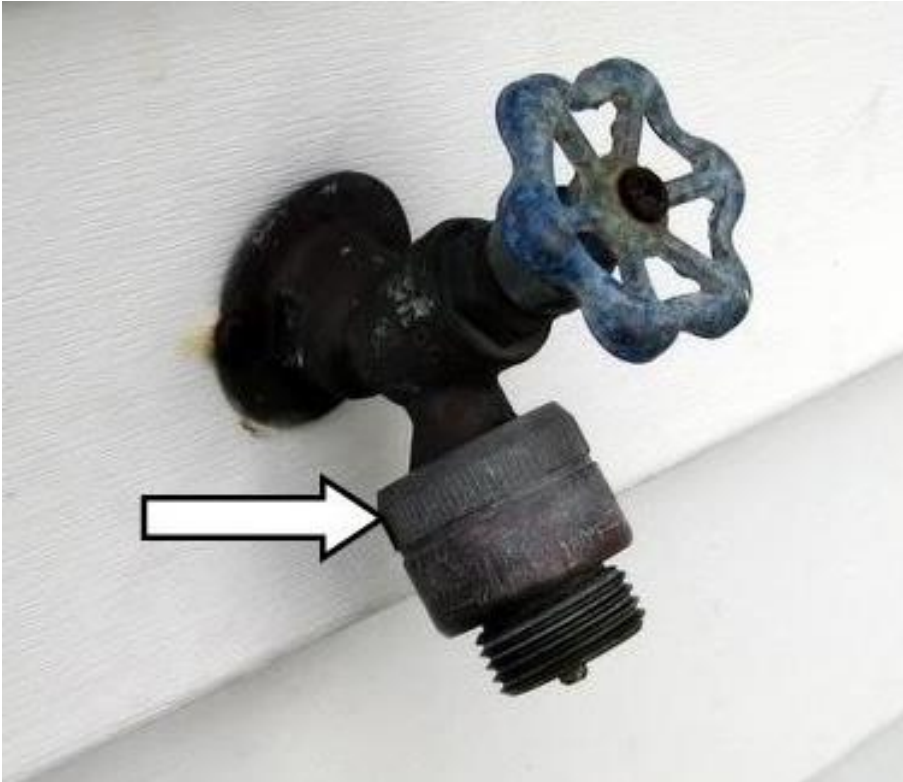
# Temporary House Connection (hoses)



# Outside Taps with Backflow Preventers

- Outside taps that have a backflow prevention device will not accept the temporary water
- The backflow preventer will have to be removed/disabled by the homeowner
  - Recommend using a licensed plumber

# Outside Taps with Backflow Preventers

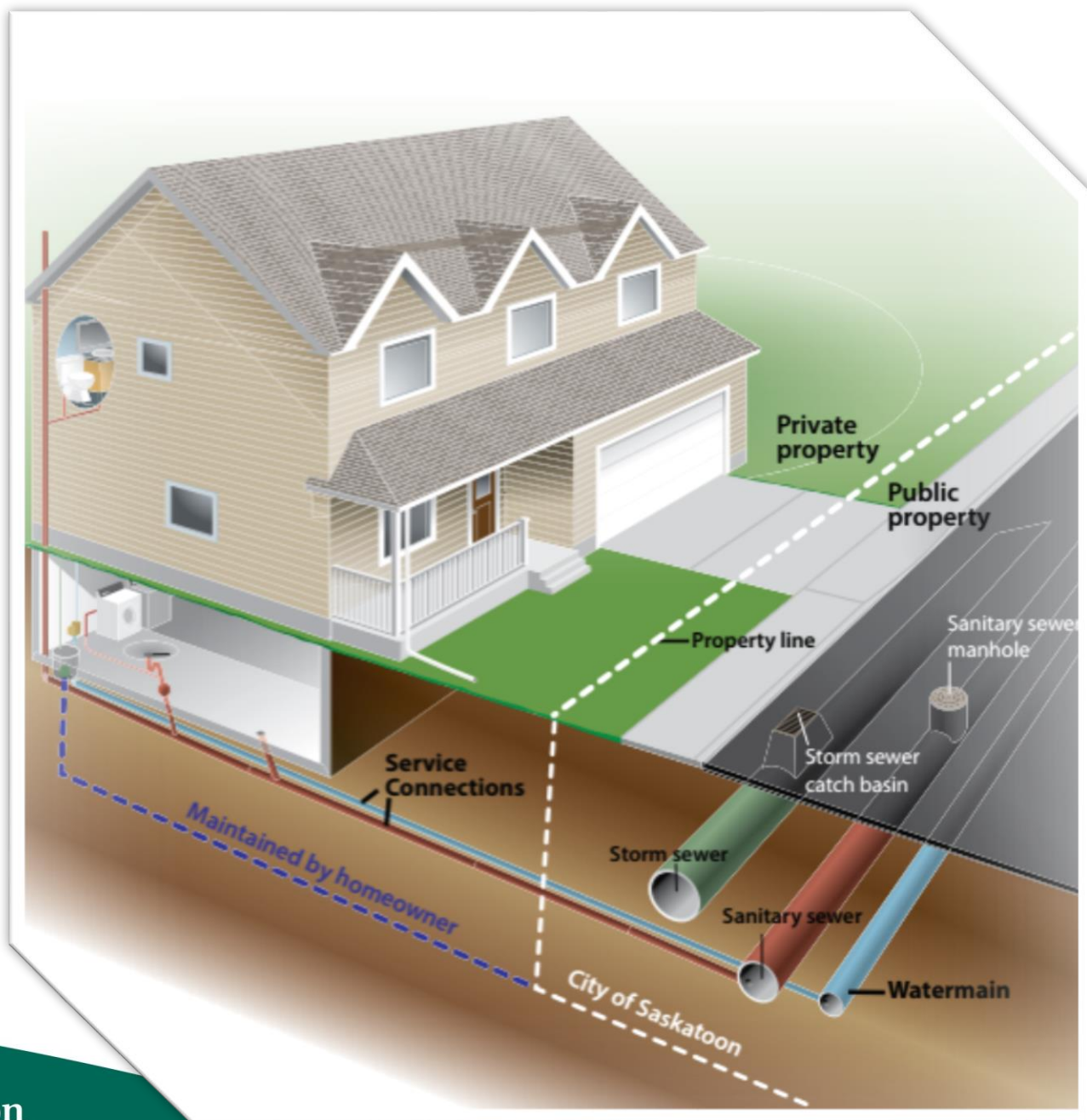


# Service Connection Replacement



# Existing Connections

- All homes have service connection pipes running to both the water main and the sanitary sewer main
- The City of Saskatoon intends to replace all existing lead water service connections by the end of 2027





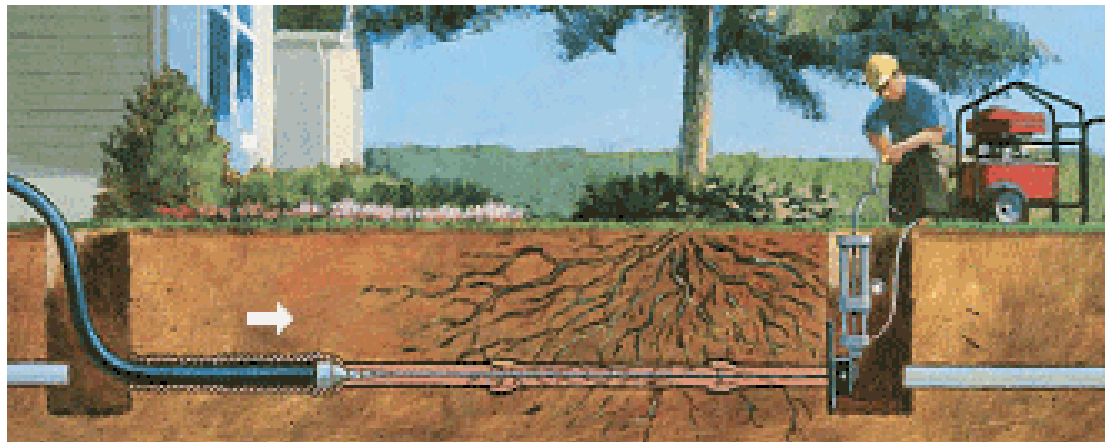
# Why replace connections?

- Lead water service connections **MUST** be replaced during water main replacement because the disturbed lead connection pipe could lead to increased lead in your water
- Sanitary service pipes constructed of tar fiber are to be replaced with longer lasting PVC connection pipe

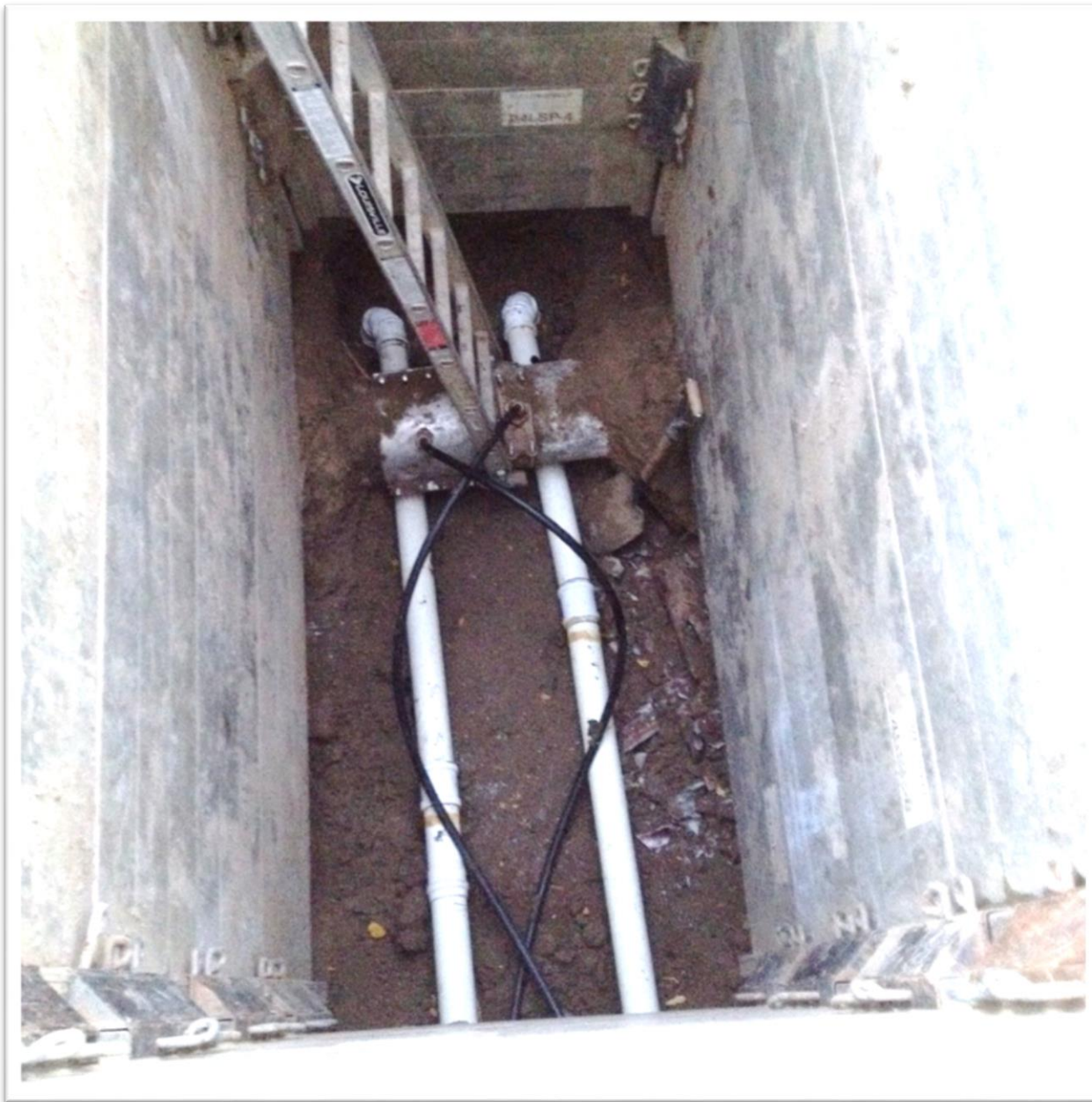
## Traditional Repair Method



## Trenchless Repair Methods















# Connection Payment Options

- Three payment methods:
  1. Pay the Contractor directly
  2. Short term deferral
    - 1-year, 3-year, and 5-year options
  3. Long term deferral
    - Available only to people who meet the federal LICO criteria



# Order of Operations

- Homeowners will be contacted by the City of Saskatoon
- Information will be mailed to homeowners
- The Contractor will contact the homeowner for a walkthrough of the home
- The Contractor will confirm the date of the work and will arrange access to the home
- Typically connection work lasts one day

# Other Information

- Water will be turned off during the connection replacement
- Contractor is only responsible to backfill excavations on private property
- Homeowners are responsible for surface restoration on private property

# Water Main Replacement





# Road Resurfacing

















# Final Site Cleanup









# Common Concerns

- Traffic Restrictions & Detours
- Parking
- Waste Collection
- Drinking Water Advisories (DWA)

# Additional Questions

City staff will be available after the presentation to answer any specific questions you may have

# Contact Information

- Contact Service Saskatoon Call Centre at [drinkingwater@saskatoon.ca](mailto:drinkingwater@saskatoon.ca) or [306-975-2476](tel:306-975-2476) for general inquiries.
- Contact our Construction & Design project team at [leadpipes@saskatoon.ca](mailto:leadpipes@saskatoon.ca) or [306-975-3693](tel:306-975-3693) for information about the 2019 lead pipe replacement work.
- Contact Saskatoon Water Laboratory at [306-975-2534](tel:306-975-2534) with inquiries related to water quality testing and lead levels in drinking water.
- Sign up for bi-weekly project updates by emailing [tuCDcorrespondence@Saskatoon.ca](mailto:tuCDcorrespondence@Saskatoon.ca)