

# Cambridge Water Department

**Water Main Replacement Projects – 2026**

**Presented by:**

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# Cambridge Water Department – A Brief History

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*For over a century, the Cambridge Water Department has provided safe, reliable drinking water while continually investing in the infrastructure needed to serve future generations.*

The Water Department maintains:

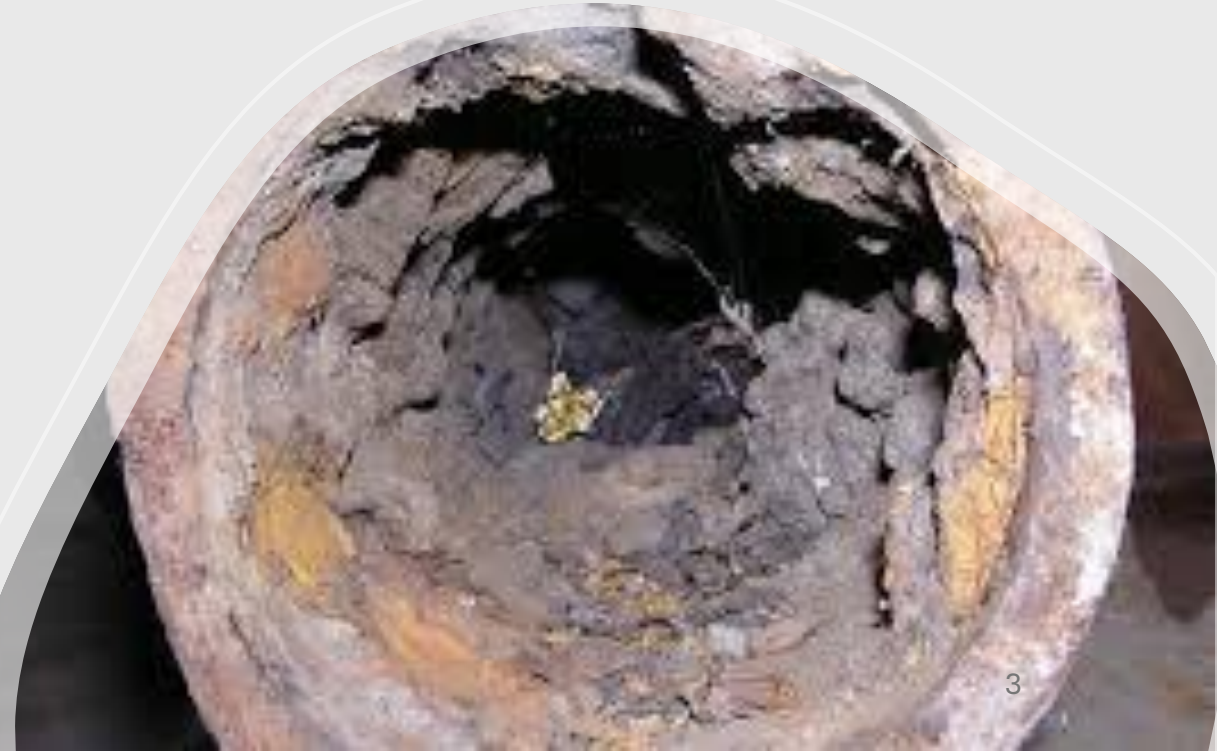
- 225 miles of water mains
- 16,000+ service connections
- 9,500 valves
- 1,800 fire hydrants

*Current priorities include infrastructure renewal, lead service line replacement, water quality protection, and system modernization.*



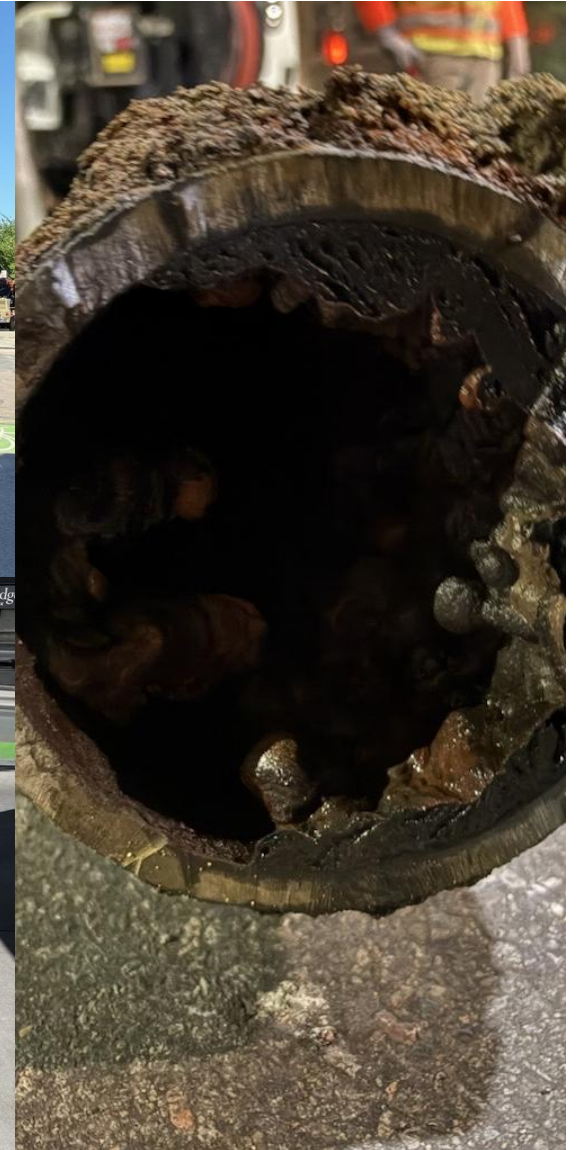
# Why replace water mains:

- **Aging Infrastructure**
- ***Leakage History***
- ***Improve Fire Flow Capacity***
- ***Improve Water Quality***
- ***Support both current and future developments***



# *Inman St Water Main Project*

- *Hampshire St – Broadway (~1,500')*
- *One of the oldest active water mains in the City (1898)*
- *JNJ Sacca Inc will install in ~20 weeks*
  - *Will be done in 3 sections to help with the parking situation*
- *Will be replaced with 8" Ductile Iron Pipe*
- *Average flows from existing hydrants – ~300GPM.*
- *Once completed - ~1500GPM per hydrant*
- *Water bypass to be installed during construction with fire hydrants*
  - *One side in the gutter line, one side in the sidewalk along the property line*
- *All verified lead service lines will be replaced at no charge to homeowners from the new main to the existing water meter inside the house*
- *Existing copper service lines will be reconnected to the new main.*



# DPW Complete Streets Contract 26A

## Chetwynd Road

- ~200' of 6" ductile iron pipe(DIP) to replace the existing 6" cast iron(CI) pipe installed in 1927. (CWD crews will install)

## Gray St

- ~500' of 8" ductile iron pipe to replace the existing 6" CI installed in 1887. To be installed under contract

## Haskell St

- ~600' of CI was replaced by CWD in fall of 2025 with 8" DIP

## Norfolk St

- ~1400' of 6" CI installed in 1899 to be replaced with 8" DIP
- Hydrant flows will dramatically increase from ~430GPM to ~1250GPM

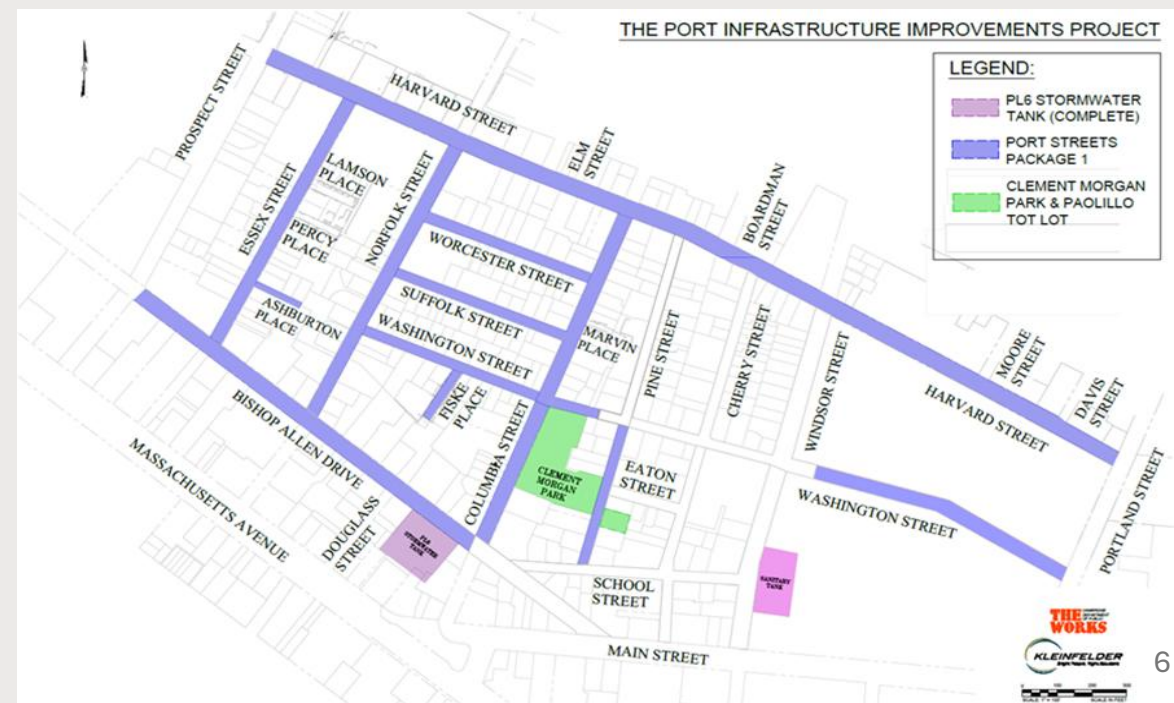
## Kirkland Rd

- ~250' of 4" CI pipe installed in 1870 was replaced with 8" DIP in fall of 2025

CAMBRIDGE  
DEPARTMENT  
OF PUBLIC  
**THE  
WORKS**

# The Port Project

- Over 6,200' (1.17 miles) of water main to be replaced
- Sizes range from 6" to 20"
- Install dates are from 1871-1933
- Elimination of over 50 lead water services within the system





Any questions?