



Fulton Pump Mains

Water Main Replacement Project

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Chief Engineer



Distribution Mains Program Background

- Approximately 2,250 miles of water main
- Asset Management used to identify projects based on condition and risk
- Main replacement goal of 35,000 to 50,000 ft/yr.
- Goals of distribution main contract projects:
 - Increase footage replaced to meet asset management goal
 - Provide a variety of contract opportunities to the community
 - Reduce risks

Why we're replacing *this* water main

- Improve the reliability
 - History of leaks and breaks
 - 3,300 lf of new main
- Improve resiliency
 - Seismic resiliency
 - Encasing pipe under I-5 & SW Barbur Blvd.
- Reduce risk
 - Mitigates high risk areas



This project will benefit over 42,000 people served by the main.

Addressing high risks



Request

Authorize bid solicitation and contracting with the lowest responsive and responsible bidder for construction of the Fulton Pump Mains Replacement Project.

Estimated cost: \$4,700,000

Start date: Spring or Summer 2023

Questions?



Jodie Inman



503 823-1289



portland.gov/water/FPmains



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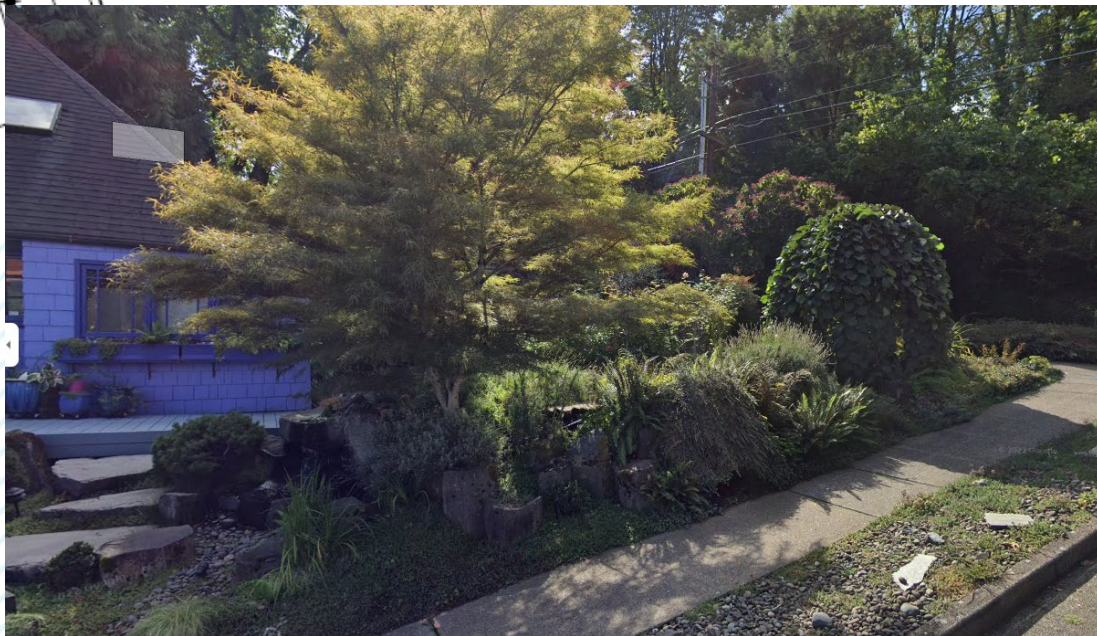


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Landscaping in the Right-of-Way



Steps for replacing a water main



1 Marking the street.



2 Cutting the road and digging a trench.



3 Installing or replacing pipe.



4 Flushing/sanitizing and connecting to the water system.



5 Connecting the new pipe to people's water meters. We will put a notice on your door at least 24 hours before a water shutoff.



6 Restoring the road surface.



Backflow

