



S Macadam Ave

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Design Principal

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Distribution Main Program



- Approximately 2,250 miles of water main
- Over **one million** linear feet of distribution pipe recommended for replacement by 2040
- Main replacement goal of 50,000 ft/yr
- Main replaced by crews and contract projects
- Contractor Mains Projects will:
 - increase footage replaced to meet asset management goal
 - provide different size contract opportunities to the community

Why *this* project

- Main is 130 years old and has been repaired 3 times in last 10 years
- High consequence of failure
- Project will:
 - Replace 1,000 feet of 24-inch cast iron main
 - Install 2 fire hydrants improving fire coverage
- Some night work to limit traffic impacts
- The new pipe will mitigate risk and help make sure water is safe and reliable for generations to come.



Outreach

- Began at project initiation
- Established webpage
- Sent mailers, notification letters and postcards
- Published on social media
- Distributed project flyer to business and community

SW Macadam Ave Water Main Replacement Project

Late 2023 | portland.gov/water/macadam

CONSTRUCTION BEGINS IN LATE 2023:
The Water Bureau is investing in reliable water supply in South Portland. We will replace 980 feet of water main (pipe) and two hydrants on Southwest Macadam Avenue between Southwest Bancroft Street and Southwest Lane Street.

Curious about what construction means for you?
Learn more details inside and sign up for our e-newsletter.

Where: SW Macadam Avenue from SW Lane Street to SW Bancroft Street
Temporary closure of I-5 northbound exit 299A

When: Late 2023



Project overview

The Water Bureau has finalized our designs for the project.

We plan to begin construction late summer or fall. Work may be postponed if staffing or resource availability changes due to current events.

Water main installation involves:

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. Restoring the road surface



Learn more

Learn more on our website and by signing up for the project e-newsletter.

Project information

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503-823-0102

portland.gov/water/macadam



Questions

**For more information,
contact:**

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Website:

www.portland.gov/water/Macadam

