



San Francisco
Water Power Sewer

Services of the San Francisco Public Utilities Commission



Geary Boulevard Sewer and Water Improvements Phase 2

Presentation to: SFPUC Citizens' Advisory Committee

Wastewater Subcommittee

September 10, 2024

Project Purpose and Objective

Purpose

- Rehabilitate or replace existing sewer and water mains and laterals that have exceeded their useful life

Objective

- Maintain critical utility services
- Increase stormwater conveyance
- Avoid disruptive emergency repairs
- Upsize pipelines to improve water flows for firefighting





Importance of Upgrading Geary Water & Sewer Infrastructure

Aging Infrastructure

- Most sewer and water mains in the project area are over 120 years old
- Installed in the late 1800's for the early development of the Richmond District

Bookend water mains already upgraded

- Completed in 2021: 48th to 32nd Avenue and Presidio Avenue to Kearny Street

'Dig Once' Approach

- Coordinating our work with SFMTA's planned transit and safety improvements
- Minimizes disruptions to the community
- Maximizes City resources by combining efforts into major projects

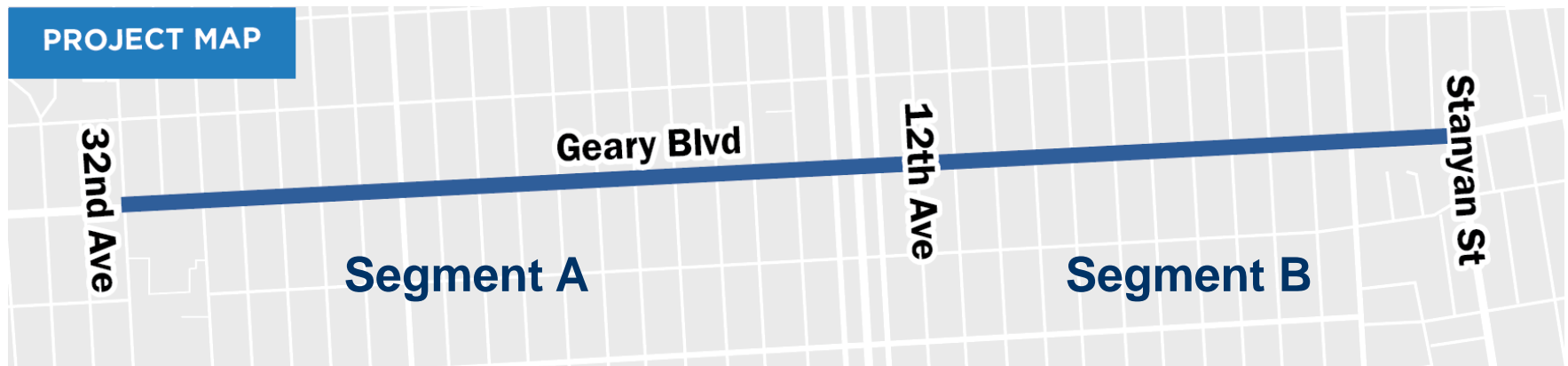
Phase 2 Utility Upgrades

Scope: Sewer, Water, Fiber

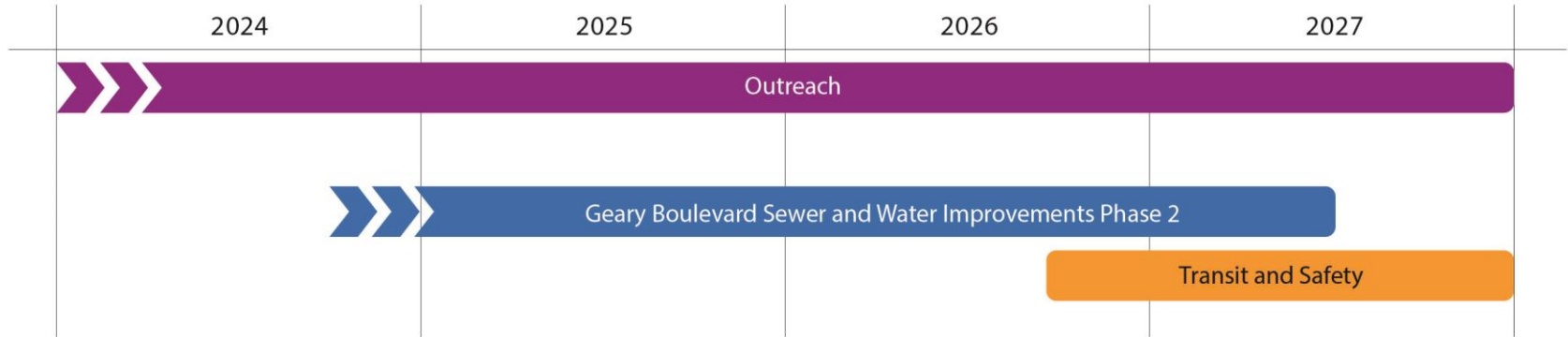
Location: Geary Boulevard between 32nd Avenue and Stanyan Street

Work Segments:

- Segment A: 32nd Avenue to 12th Avenue
- Segment B: 12th Avenue to Stanyan Street



Overall Geary Projects Timeline (SFPUC & SFMTA Contracts)



Preliminary Work (2024)



Locate underground utilities (potholing)



Sewer lateral inspections

Geary Boulevard Sewer and Water Improvements Phase 2



Water main replacement
(32nd to Stanyan)



Fiber-optic cable conduits
(25th to Stanyan)



Sewer main replacement
(31st-24th & 14th-Stanyan)

Transit and Safety Improvements



Bus bulbs



Upgraded traffic signals



Pedestrian bulbs



Roadway repaving



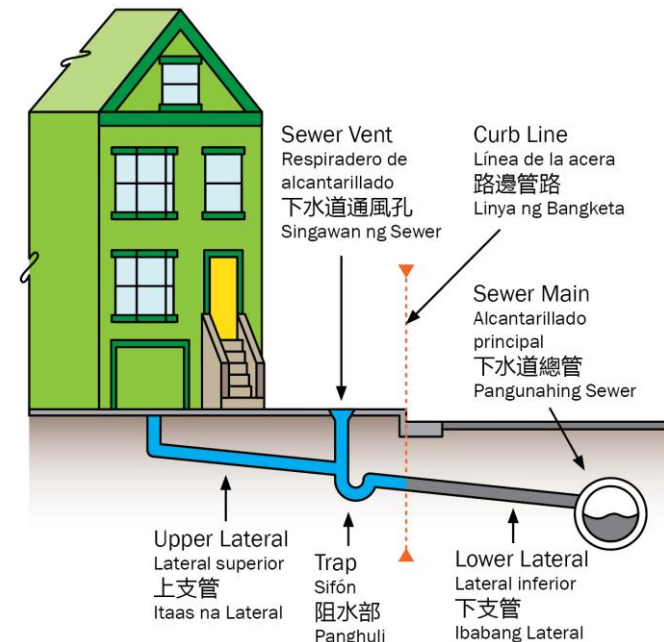
Community enhancement
(treatment TBD)

Potholing

- Identify locations of underground utilities and resolve potential conflicts
- Reduces accidental damage during excavation
- No major excavation required

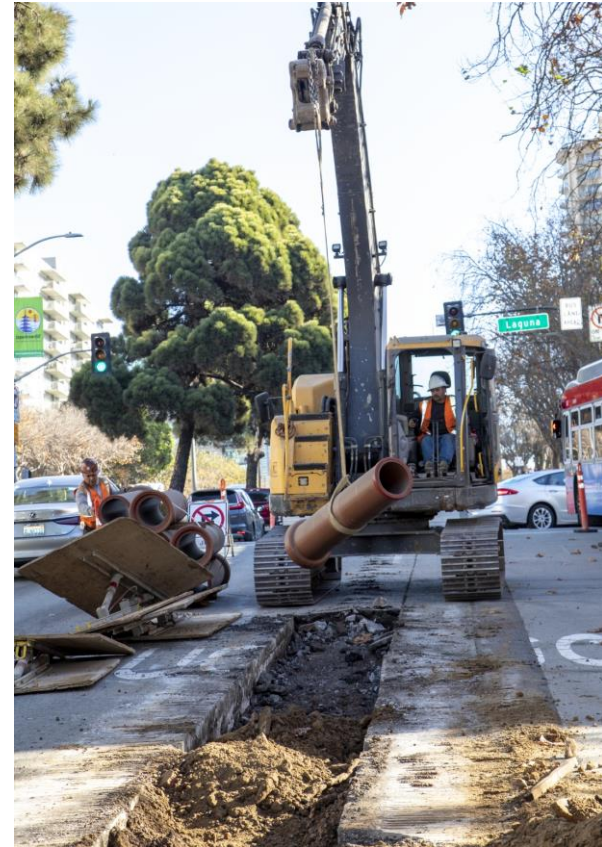
Sewer Lateral Inspections

- Lower laterals inspected where sewer mains will not be rehabilitated or replaced
- May require minor excavation in the parking strip and/or sidewalk
- Ensure sewer infrastructure along the entire project corridor in state of good repair



Sewer Main Upgrades

- Rehabilitation or replacement of approximately 1.4 miles of aging sewers
- No sewer service disruption
- A combination of open cut construction and trenchless rehabilitation



Water Main Upgrades



- Replacement of approximately 6.7 miles of aging water mains
 - Two (2) 8" distribution/domestic water mains each block
 - One (1) 16" transmission water main each block
- Temporary interruption of water service when connecting properties to the new water main*
- Open cut construction

Fiber Optic Conduit Upgrades

- Improve transit signal priority for the 38 Geary
- Upgrade approximately 1.5 miles of fiber optic conduit
- Open cut construction
- SFMTA-led work



Upcoming Outreach

Small Business Working Group

- Venue for merchants and the Project Team to share updates, explore challenges, discuss ways to reduce impacts and encourage business in the area during construction
- Member recruitment in summer 2024; kickoff October 2024

Community webinar

- Held virtually in early October

Community events

- Richmond District Night Market
- Autumn Moon Festival



Stay Informed



Visit sfpuc.gov/Geary to:

- Learn more about the project
- Sign up for project updates

Contact us:



GearyUpgrades@sfgwater.org



(415) 554-3258



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THANK YOU

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