



San Francisco
Water Power Sewer

Services of the San Francisco Public Utilities Commission

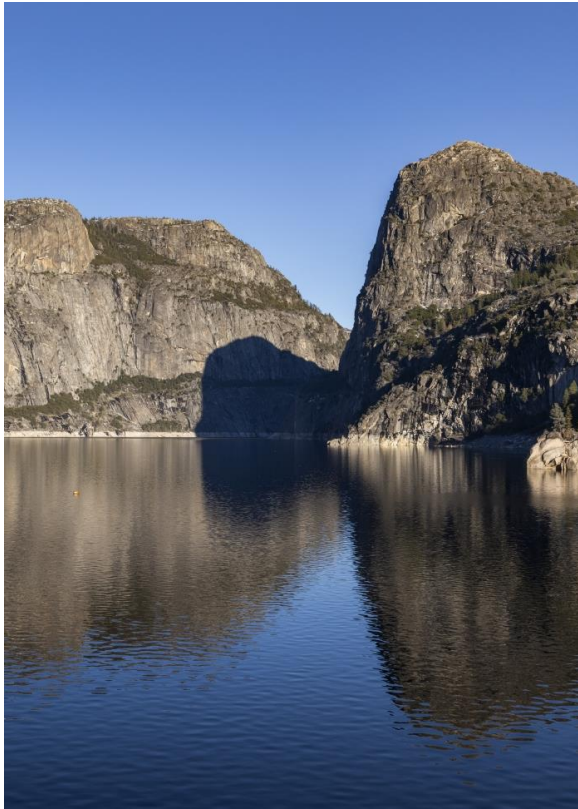


Geary Boulevard Sewer and Water Improvements Phase 2

Community Webinar
October 9, 2024

Who We Are

San Francisco Public Utilities Commission



Water



Power

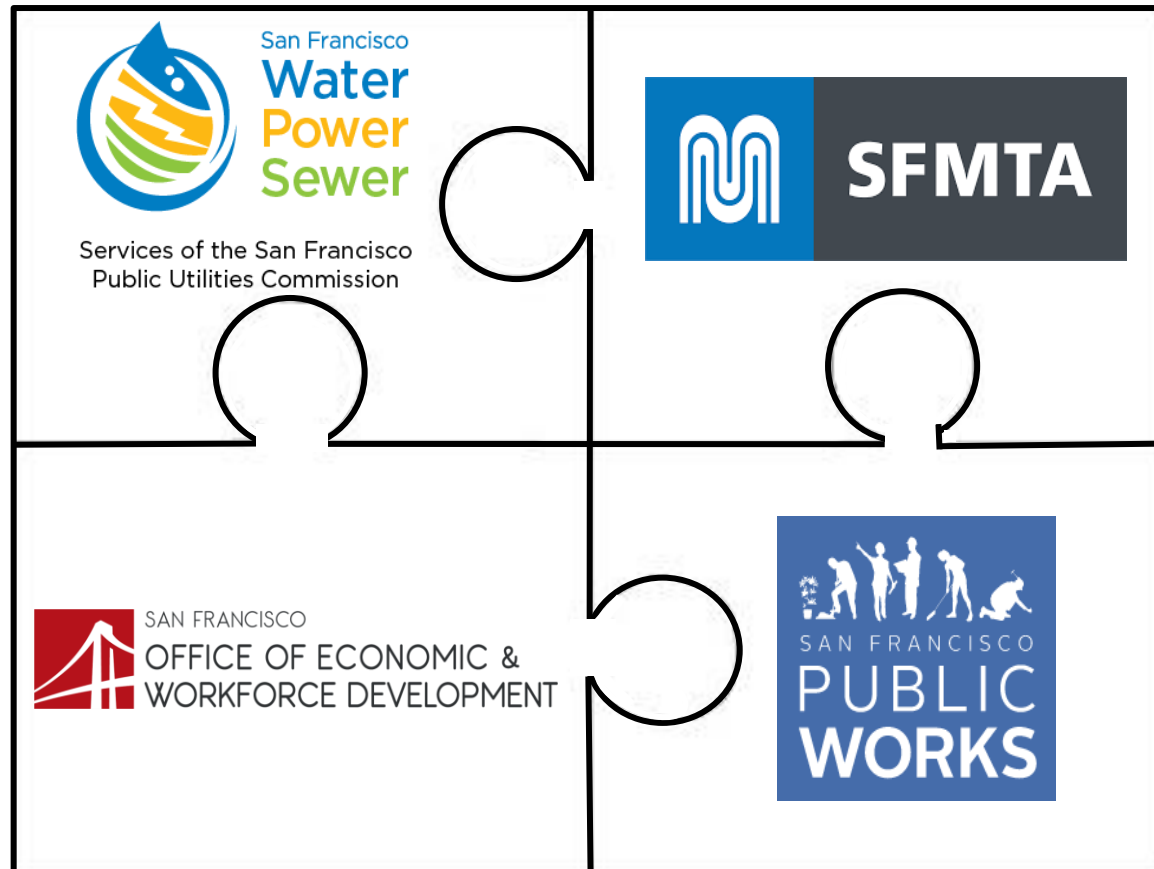


Sewer



Coordinating Support for the Community

Our agencies are taking a coordinated approach to delivering water, sewer, transit, and safety services.



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

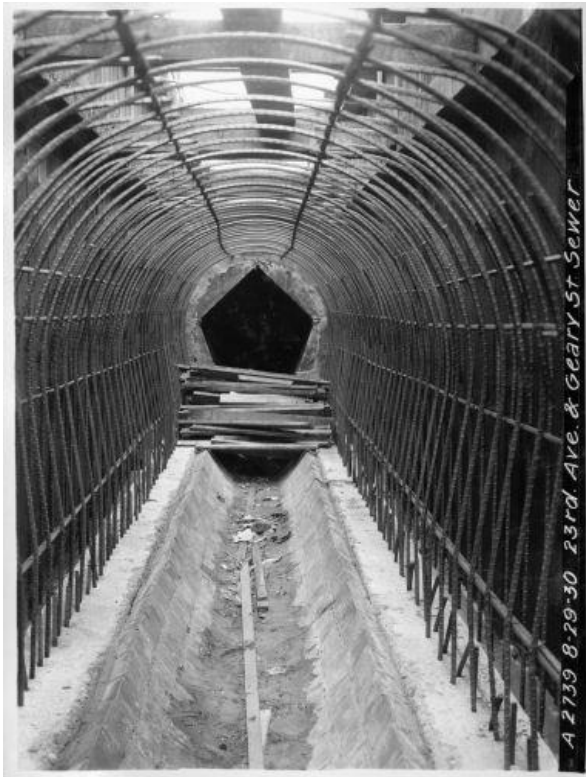


Sinkhole at Geary Blvd and Arguello Blvd in October 2023

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



Importance of Upgrading Geary Water & Sewer Infrastructure

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 surface improvements
- Minimizes disruptions to the community
- Maximizes City resources by combining efforts into major projects



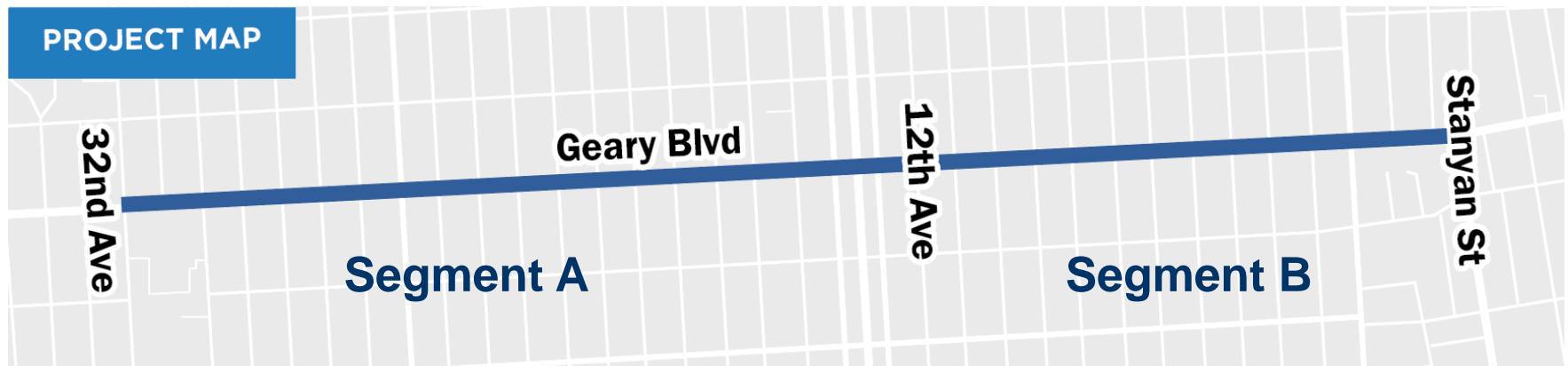
Geary Boulevard Utility Upgrades

Scope: Sewer, Water, Fiber

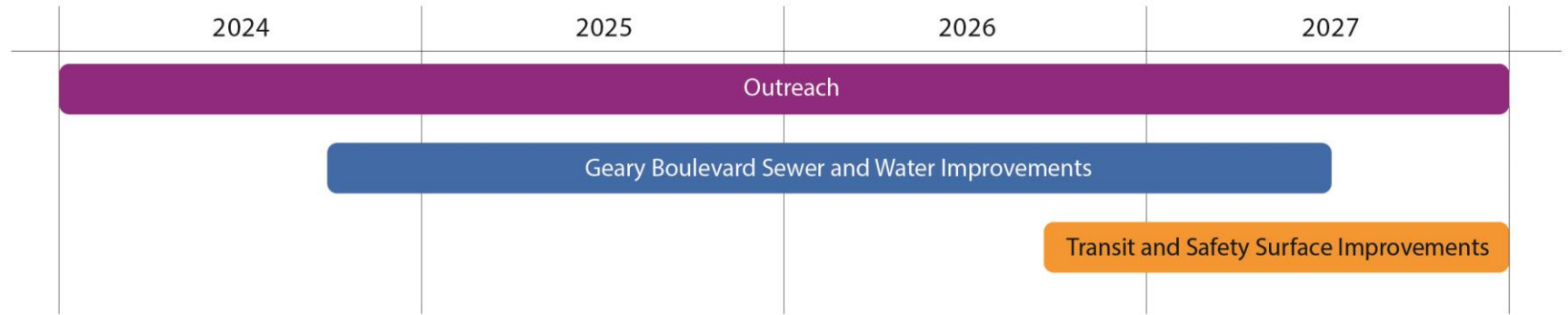
Location: Geary Boulevard between 32nd Avenue and Stanyan Street

Work Segments:

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



Overall Geary Projects Timeline & Overview (SFPUC & SFMTA Contracts)







Preliminary Work (2024)

-  Locate underground utilities (potholing)
-  Sewer lateral inspections

SFPUC Geary Boulevard Sewer and Water Improvements

-  Water main replacement (32nd to Stanyan)
-  Fiber-optic cable conduits (SFMTA) (25th to Stanyan)
-  Sewer main replacement (31st-24th & 14th-Stanyan)

SFMTA Transit and Safety Surface Improvements

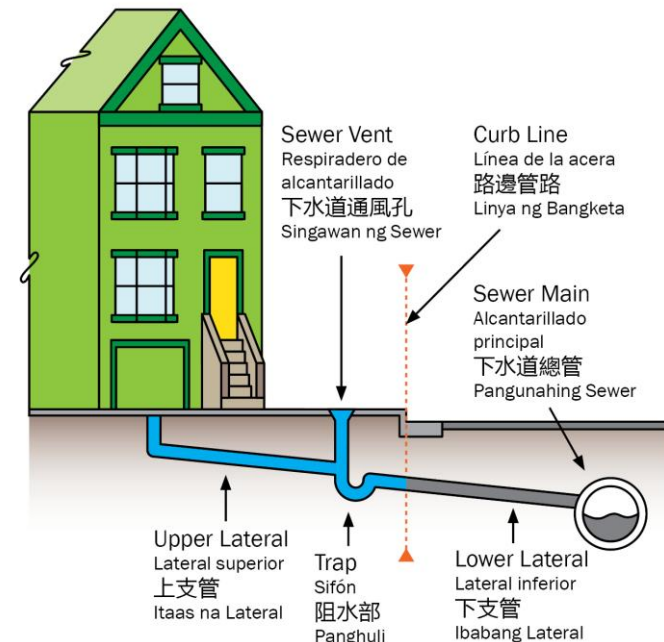
-  Bus bulbs
-  Pedestrian bulbs
-  Upgraded traffic signals
-  Roadway repaving by SF Public Works
-  Community enhancement: Trees and decorative sidewalks

Potholing

- Identify underground utilities and potential conflicts
- Reduce accidental damage during excavation
- No major excavation required

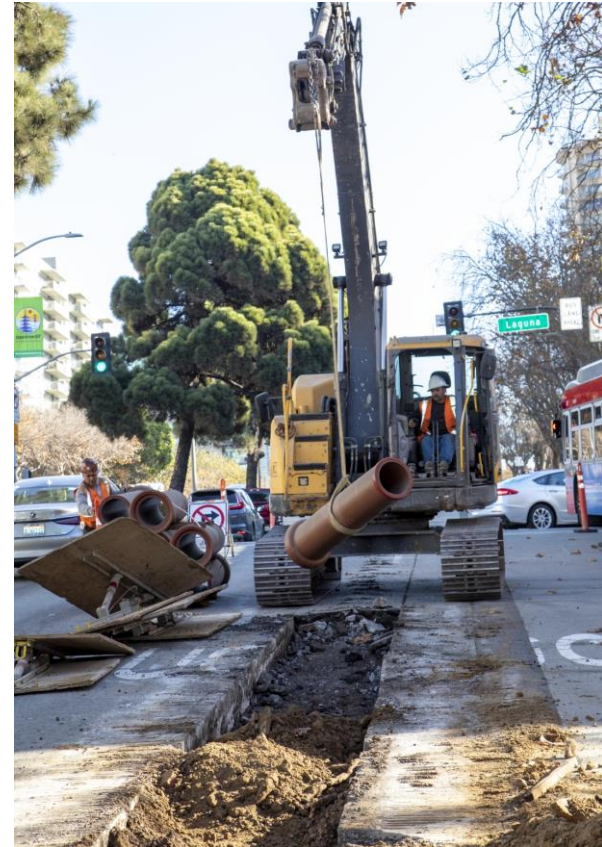
Sewer Lateral Inspections

- 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

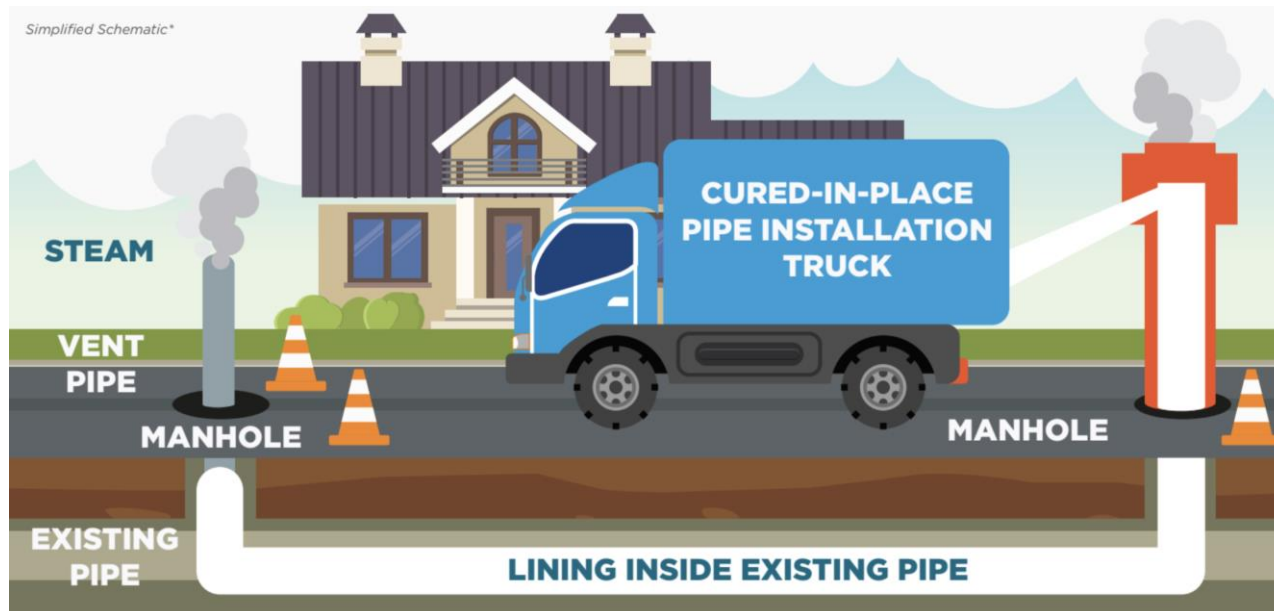
- Rehabilitation or replacement of approximately 1.4 miles of aging sewers
- No sewer service disruption
- A combination of open cut construction and trenchless rehabilitation



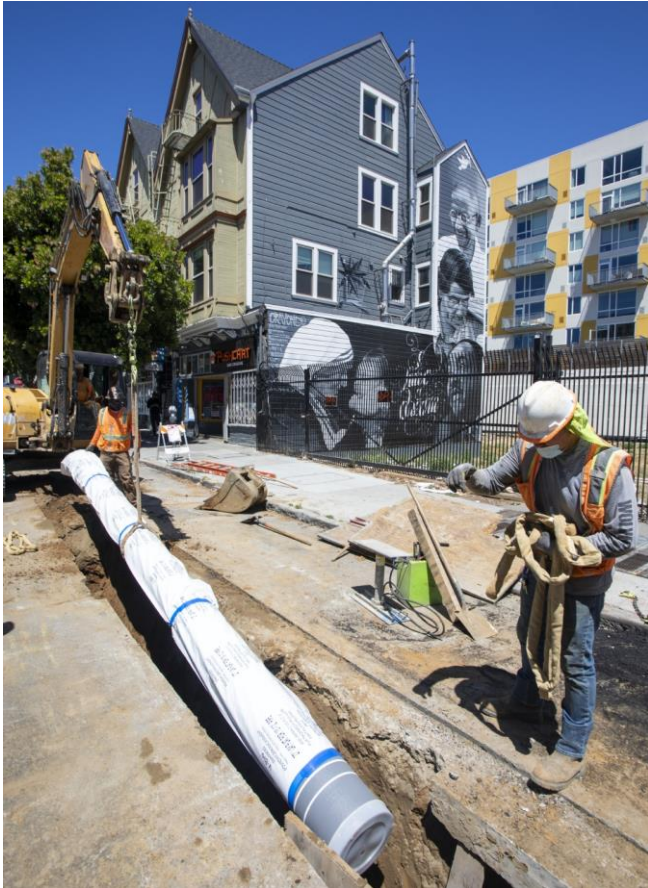
Sewer Main Upgrades

Some sewer mains will be rehabilitated with a trenchless method called Cured-in-Place Pipe (CIPP). This method minimizes impacts to the roadway and adjacent residences and businesses.

Work duration: ~72 hours (CIPP) vs 1 month (open trench)



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



What to Expect During Construction



- Work will be done in phases
- Construction activity will be intermittent
- Expect for crews to finish a portion of work on a block and then return later to work on a different aspect of work
- Excavated areas will be temporarily paved
- Final paving will occur as part of the separate Transit and Safety Surface Improvements contract

What to Expect During Construction



Parking

- Temporarily prohibited in active construction zones
- Most restrictions during construction working hours only
- Some spaces will be used to stage materials and equipment

Traffic

- Vehicle and bus traffic will be maintained in both directions
- Two travel lanes will be open in both directions (in most cases)

What to Expect During Construction

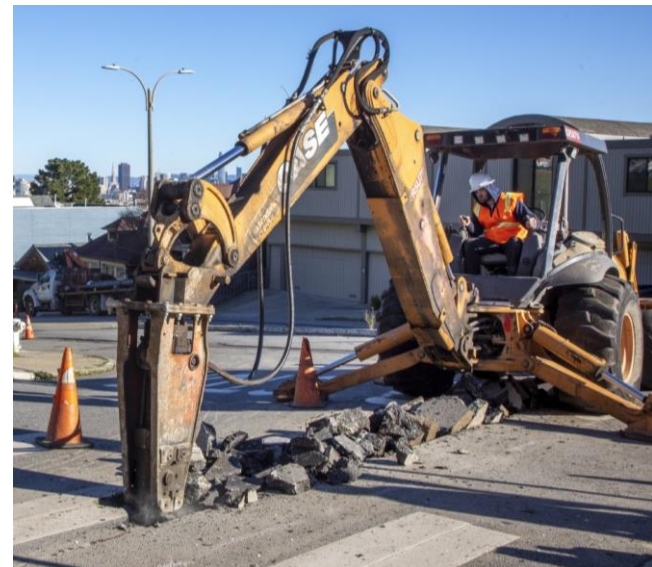
Access

- Driveway access will be maintained, though there may be slight delays*
- Sidewalk access will be maintained, however modified walkways may sometimes be necessary

** Individual coordination will be done with businesses that require frequent access throughout the day.*

Construction Impacts

- Noise, dust, and vibrations in active work zones





How We're Sharing Information

Primary ways to stay informed:

➤ sfpuc.gov/Geary

- See 3-week lookahead schedules, track progress, learn about upcoming webinars, and more
- Ability to switch to translated pages

➤ **Project Update eblasts**

Additional outreach tools:

- 30-day & 10-day notices
- NextDoor updates
- Merchant engagement via Small Business Working Group

Contact Us



GearyUpgrades@sfgwater.org



(415) 554-3258



San Francisco
Water Power Sewer

THANK YOU

Geary Boulevard Sewer and Water Improvements Phase 2