



Services of the San Francisco Public Utilities Commission

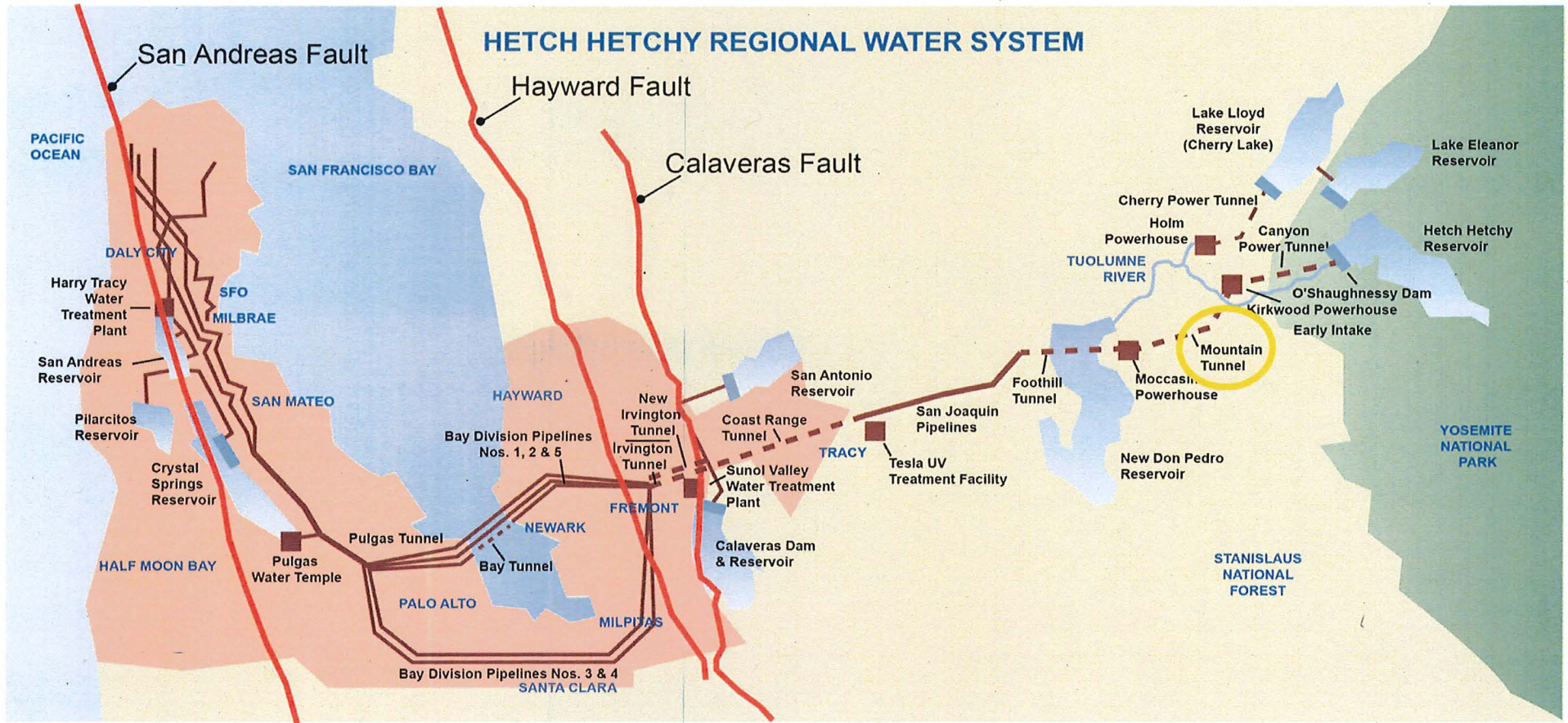


# **Mountain Tunnel Improvements Construction Management Services, Agreement No. PRO.0096 with AECOM Technical Services, Inc.**

**Daniel L. Wade, Director  
Water Capital Programs, Infrastructure Division**

**San Francisco Board of Supervisors  
Budget & Finance Committee  
June 5, 2019**

# Mountain Tunnel

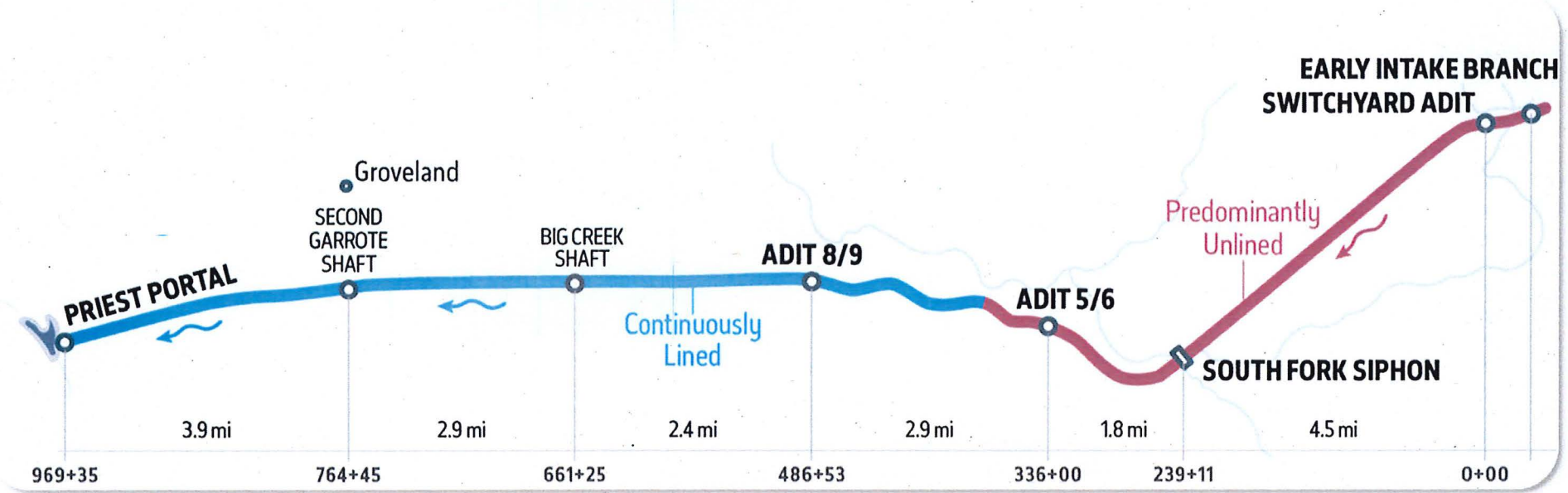






# Mountain Tunnel Background

Constructed from 1917-1925 and in service since 1925  
Conveyance of water from Early Intake to Priest Reservoir  
Lined and unlined sections  
Deterioration noted in the lined tunnel section





# Mountain Tunnel Improvements

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## Project Purpose:

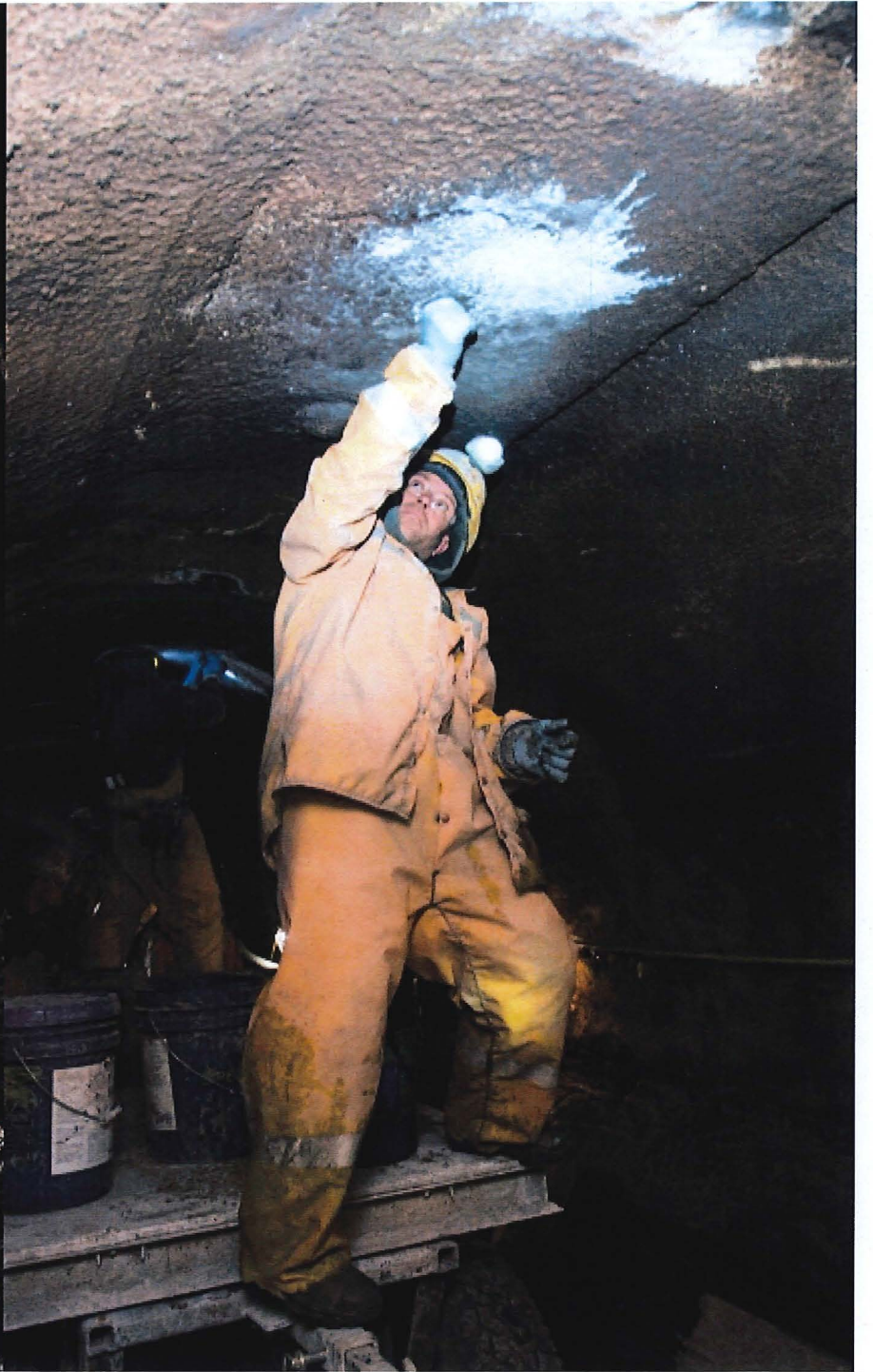
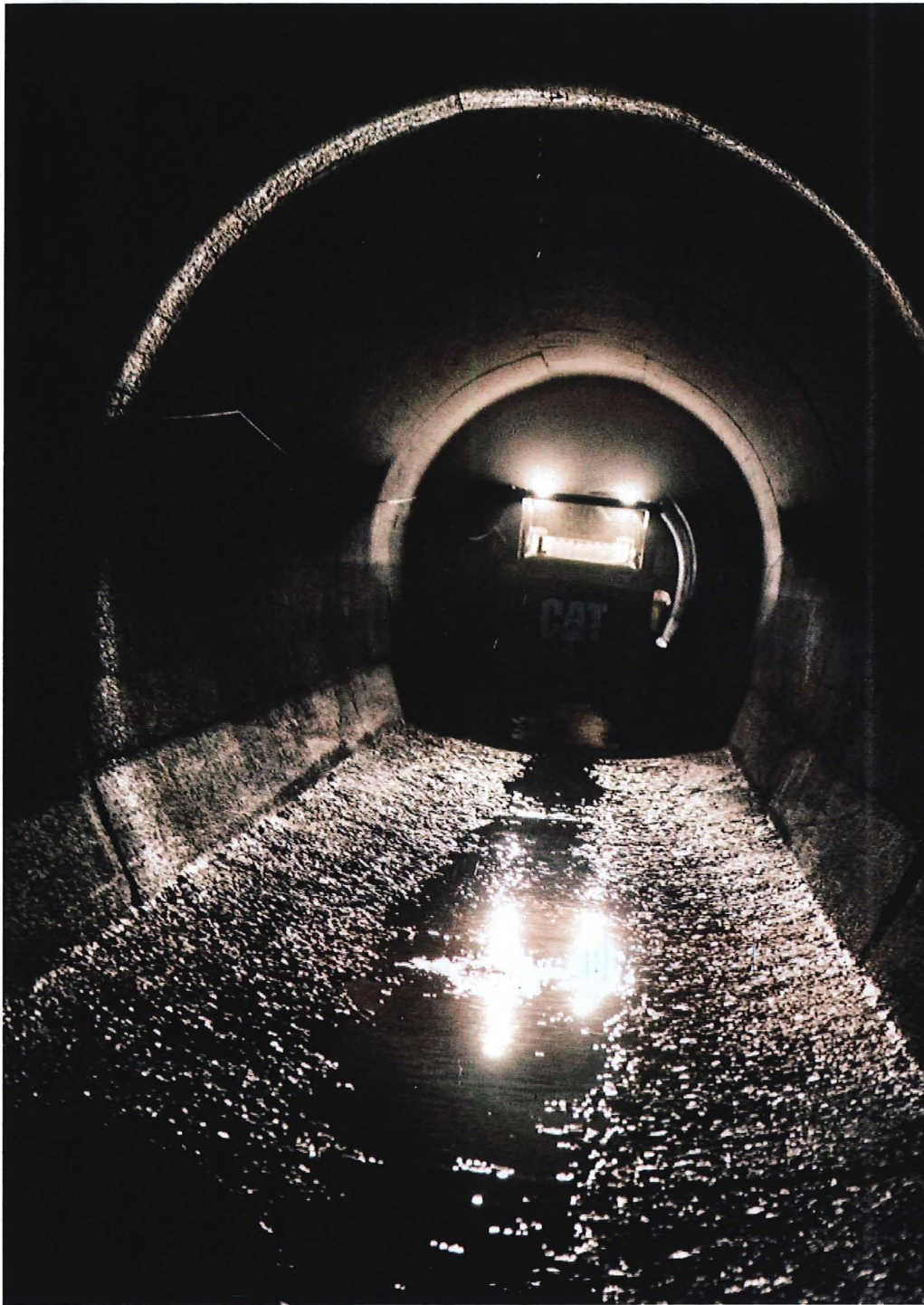
Fix the tunnel. Ensure continued operation for the next 100 years, meet established performance standards, and provide reliable, quality drinking water to the San Francisco Bay Area

## Key Facts:

Approx. \$140M construction contract

Seven years of construction 2020 - 2026









# Scope of Services Agreement No. PRO.0096

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- **Pre-Construction Services**—constructability review of the 95% project design and bidding support assistance;
- **Construction Contract Administration**—safety plan, contract management, risk management plan, status meetings, partnering, contractor payments, processing submittals and requests for information, claims and dispute review, value engineering review, and reports;
- **Construction Contracts Management**—change management and processing, cost and scheduling analysis and trending;
- **Construction Inspection**—quality control inspections, record drawing verification, materials testing, and survey controls;
- **Construction Project Controls**—document and records management, project schedule reviews and management, pre-purchased materials and equipment schedules, construction cost control and forecasting;
- **Environmental Construction Compliance Services**—environmental oversight, inspections, and specialty monitoring.



# SFPUC Request

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Authorize the SFPUC to execute  
Agreement No. PRO.0096 with AECOM Technical  
Services, Inc. for:

Construction Management (CM) Services for the  
Mountain Tunnel Improvements Project

Not-to-Exceed Amount: \$24.5 Million

Duration: 8 Years (June 2019 to June 2027)