



San Francisco
Water Power Sewer
Services of the San Francisco Public Utilities Commission

Mountain Tunnel Improvements Project Resolution to Approve Amend. No. 3 PRO.0096

Budget and Finance Committee

January 22, 2025

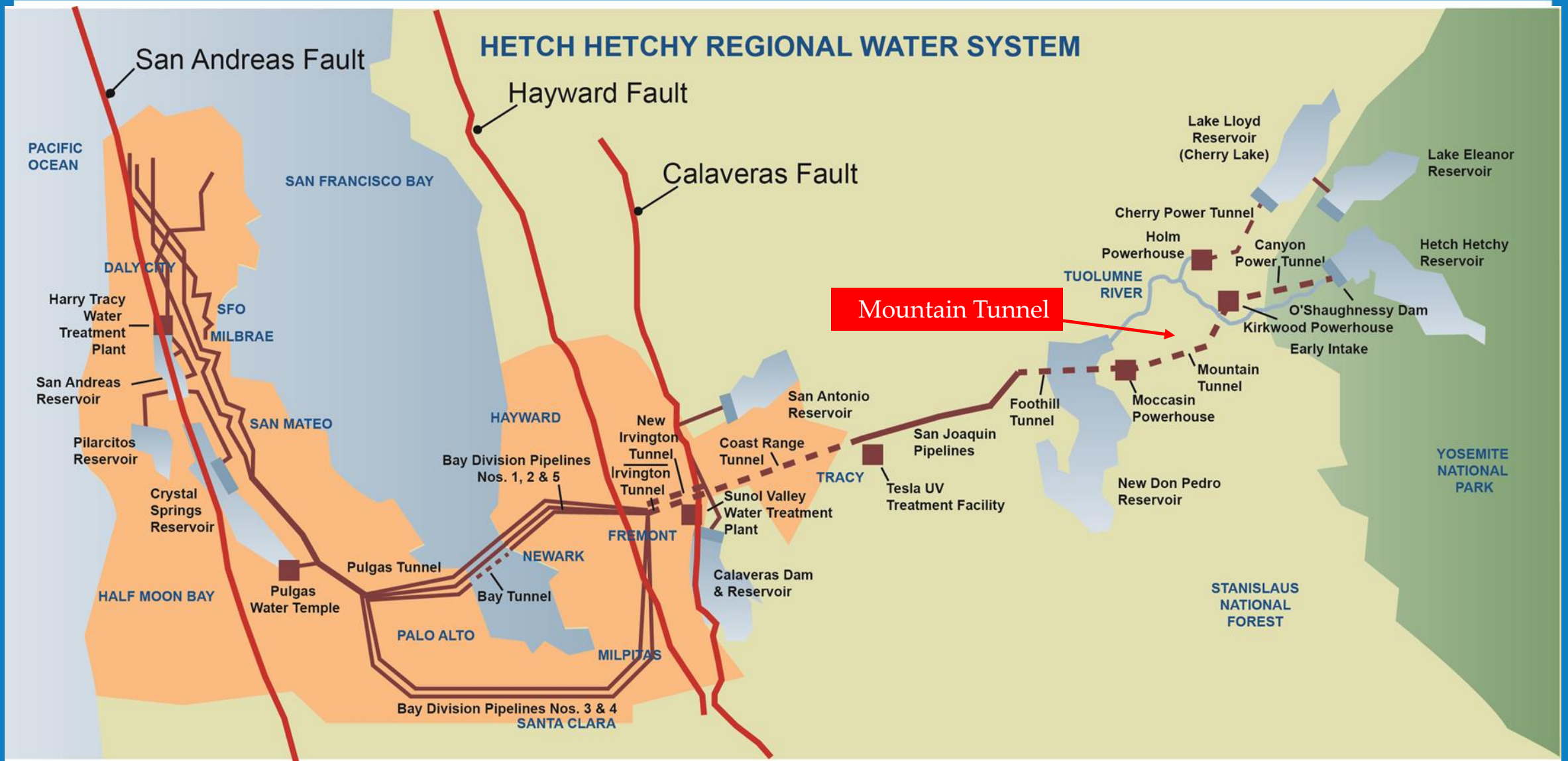
Randy R. Anderson, SFPUC PM
San Francisco Public Utilities Commission



- **This resolution would approve Amendment No. 3 to the Mountain Tunnel Improvements Project Construction Management Services with AECOM Technical Services Inc.**
- **The amendment increases the contract amount by \$9,500,000 and the contract duration by five months, for a total not-to-exceed contract amount of \$34,000,000 and a total contract duration of 8 years and 5 months**
- **The contractor provides specialized construction management services for the Mountain Tunnel Improvements Project with a new term period of July 31, 2019, through December 30, 2027**

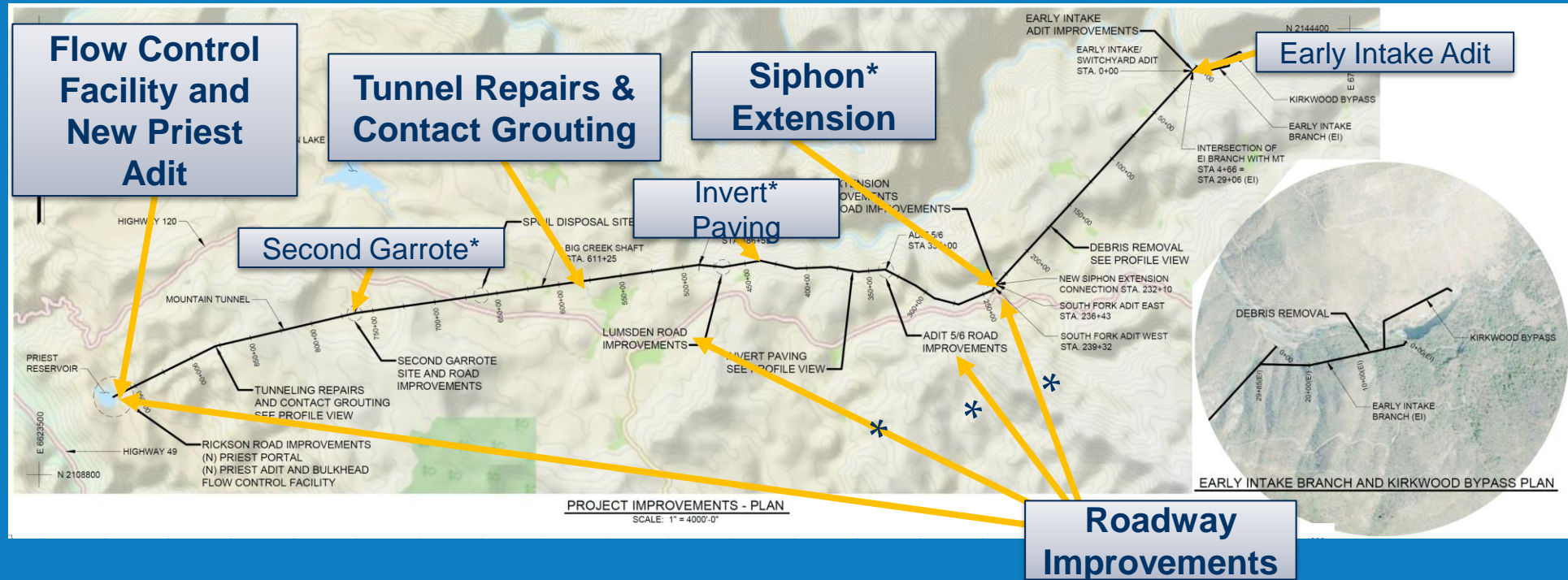


Mountain Tunnel Overview - Location





Project Scope and Inspection Locations



19-Mile-Long
Tunnel

* Scope of work in the process of being descoped from the contract



Mountain Tunnel Improvements Project Schedule 6 Year Contract / 5 Outages

Key Schedule Information	Dates
NTP- HH 1000R	January 29, 2021
Days	2,160 Contract Days
Construction Milestones	
• Outage 1 Completed	January 4, 2022 – March 6, 2022
• Outage 2 Completed	January 3, 2023 – March 5, 2023
• Outage 3 Completed	December 5, 2023 – March 15, 2024
• Outage 4 In Progress	December 16, 2024 – March 14, 2025
• Outage 5	Decmeber 2, 2025 – March 13, 2026
Substantial Completion	October 29, 2026
Final Completion	December 28, 2026
Percent Complete	65%



Access Road Improvements



Adit 5/6 Access Road



Adit 8/9 Cut Wall



South Fork Access Road



Mountain Tunnel Improvements Project Scope – Flow Control Facility



Flow Control Facility Shaft
Under Construction



Flow Control Facility Location



New Priest Adit (1000 Foot Long Tunnel)





Tunnel Lining Repair and Contact Grouting During Outages



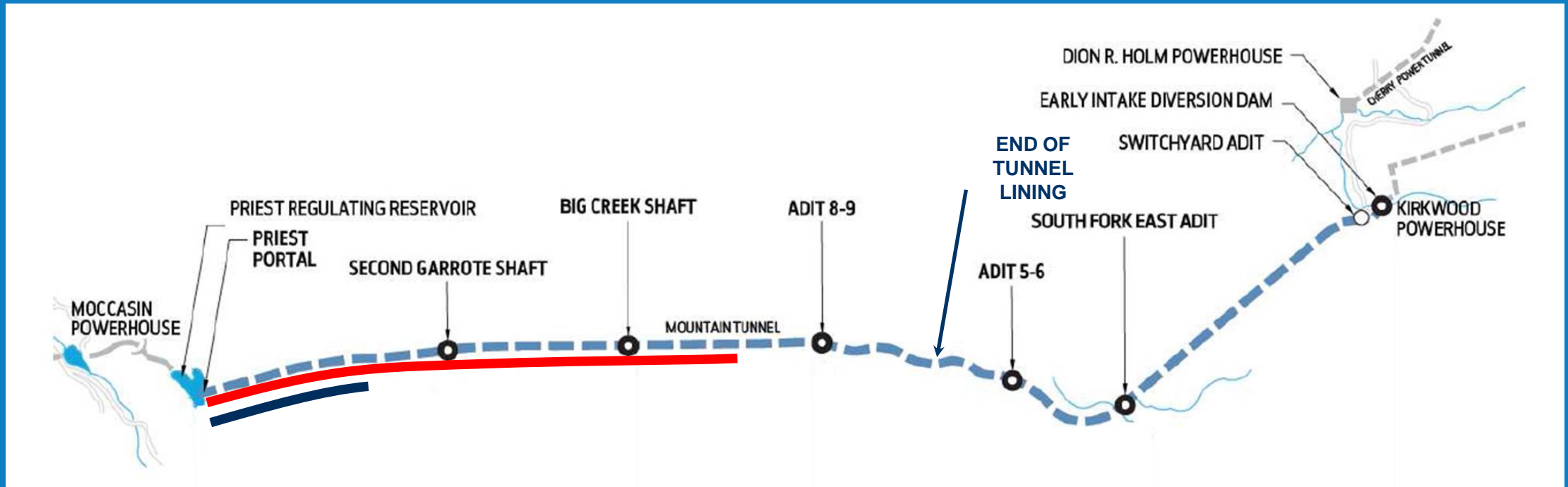
Work is performed 24/7 for the outage in two 12-hour shifts



Over 11 miles of tunnel lining repair and amount of repair is about 3 times greater than anticipated in the contract



Accumulative Tunnel Lining Repairs and Contact Grouting Completed at End of Outage 3



■ Contact Grouting **23% Completed**
 2.58M lbs of grout cement
 Sta. 959+12 to Sta. 835+95

■ Structural Tunnel Lining Repairs **72% Completed**
 626 Cu. Yds. of Shotcrete
 Sta. 969+35 to Sta. 532+75



PRO.0096 Amendment No. 3 Summary

Task Order	Task Summary	Current Budget	Proposed Amendment No. 3 Modifications	Proposed Budget
1	Pre-Construction Services*	\$706,579	(\$358,350)	\$348,229
2	Construction Contract Administration	\$7,484,558	\$961,792	\$8,446,350
3	Construction Contract Management	\$2,775,205	\$438,150	\$3,213,355
4	Construction Inspection	\$8,411,681	\$8,116,291	\$16,527,972
5	Construction Project Control	\$2,262,557	(\$286,546)	\$1,976,011
6	Environmental Construction Compliance Services	\$2,859,420	\$628,663	\$3,488,083
	Total	\$24,500,00	\$9,500,000	\$34,000,000



Questions

