



## **Request to Approve Amendment No. 1 to Contract Number PRO.0138.C - Engineering Services for Dams and Reservoirs**

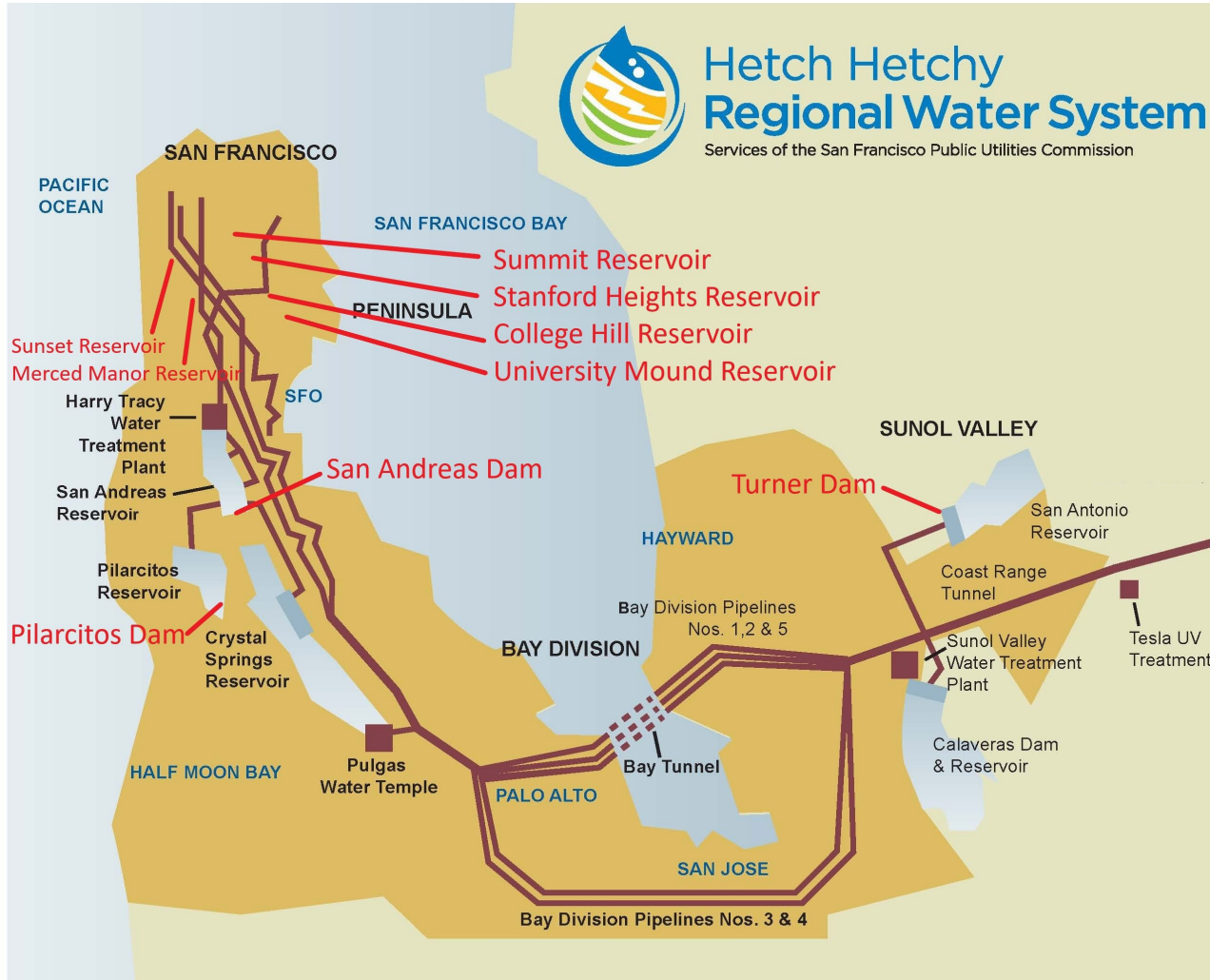
**San Francisco Board of Supervisors – Budget and Finance Committee meeting  
October 2, 2024**

# Background



- Oroville Dam (2017)

# PRO.0138.C Dam and Reservoir Facilities



- PRO.0138.C Dam and Reservoir facilities



# Regional Dam Projects (10-year CIP Funding)

## PRO.0138.C Projects:

- Regional Dam Safety Upgrades
- Pilarcitos Dam and Reservoir Improvements
- San Andreas Dam Facility Improvements
- Turner Dam and Reservoir Improvements
- Local (San Francisco) Tanks/Reservoir Improvements
- College Hill Reservoir Outlet
- Merced Manor Reservoir Facilities Repairs
- Stanford Heights Reservoir
- Summit Reservoir
- Sunset South Basin
- University Mound South Basin

<u>Capital Plan (FY2019-20 thru FY2028-29)</u>	<u>Capital Plan (FY2024-25 thru FY2033-34)</u>
<b>\$85.5M</b>	<b>\$208.9M</b>

- The needs assessment work has helped SFPUC to define project scopes and the SFPUC has significantly increased the latest capital program budgets to reflect the updated needs.



# Contract PRO.0138.C – Current Contract Budget & Proposed Amendment 1 Modifications

Project Name	Current Phase	Current Contract Budget	Proposed Amendment 1 Modifications	
Regional Dam Safety Upgrades	Various	\$ 452,923	n/a	
San Andreas Dam Facility Improvements	Planning	\$ 4,695,364	Planning	\$ 1,500,000
Turner Dam and Reservoir Improvements	Planning	\$ 4,263,137	Planning	\$ 2,400,000
Pilarcitos Dam and Reservoir Improvements	Planning	\$ 388,281	Design/ESDC*	\$ 3,900,000
Merced Manor Reservoir Facilities Repairs	Planning	\$ 431,152	n/a	
Stanford Heights Reservoir	not started	\$ -	n/a	
Summit Reservoir	not started	\$ -	n/a	
Sunset South Basin	not started	\$ -	NAR/AAR	\$ 700,000
University Mound South Basin	not started	\$ -	NAR/AAR	\$ 500,000
Local (San Francisco) Tanks/Reservoir Improvements	not started	\$ -	n/a	
College Hill Reservoir Outlet	not started	\$ -	n/a	
Unencumbered	n/a	\$ 769,143	n/a	
<b>TOTAL</b>		<b>\$ 11,000,000</b>		<b>\$ 9,000,000</b>

# San Andreas Dam Facility Improvements



- Emergency drawdown outlets construction precedes any spillway (condition assessment) and/or embankment (seismic stability assessment) work
- Capital plan budget increased from \$25.7M to \$32.2M
- Current Status: AAR (finish Dec 2024)

# Turner Dam and Reservoir Improvements



- Address recommendations in the Turner Dam Spillway Condition Assessment Report, as directed by California DSOD
- Capital plan budget increased from \$11M to \$10M
- Current Status: AAR (finish Jun 2025)

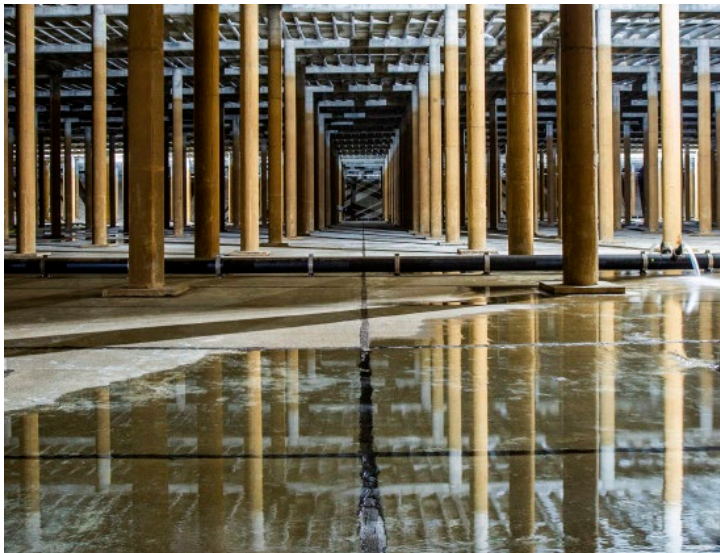
# Pilarcitos Dam and Reservoir Improvements



- Retrofit or upgrades to the dam, spillway, outlet works
- Capital plan budget increased from \$0M to \$64.4M
- Current Status: CER (finish Mar 2025)



# Sunset South Basin



- Analysis of embankment
- Strengthen roof structure and other structural elements
- Capital plan budget increased from \$0M to \$8M
- Current Status: start NAR/AAR in Spring 2005

# University Mound South Basin



- Seismic strengthening of roof structure and other reservoir structural elements
- Capital plan budget increased from \$0M to \$3M
- Current Status: start NAR/AAR in Spring 2025



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