

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

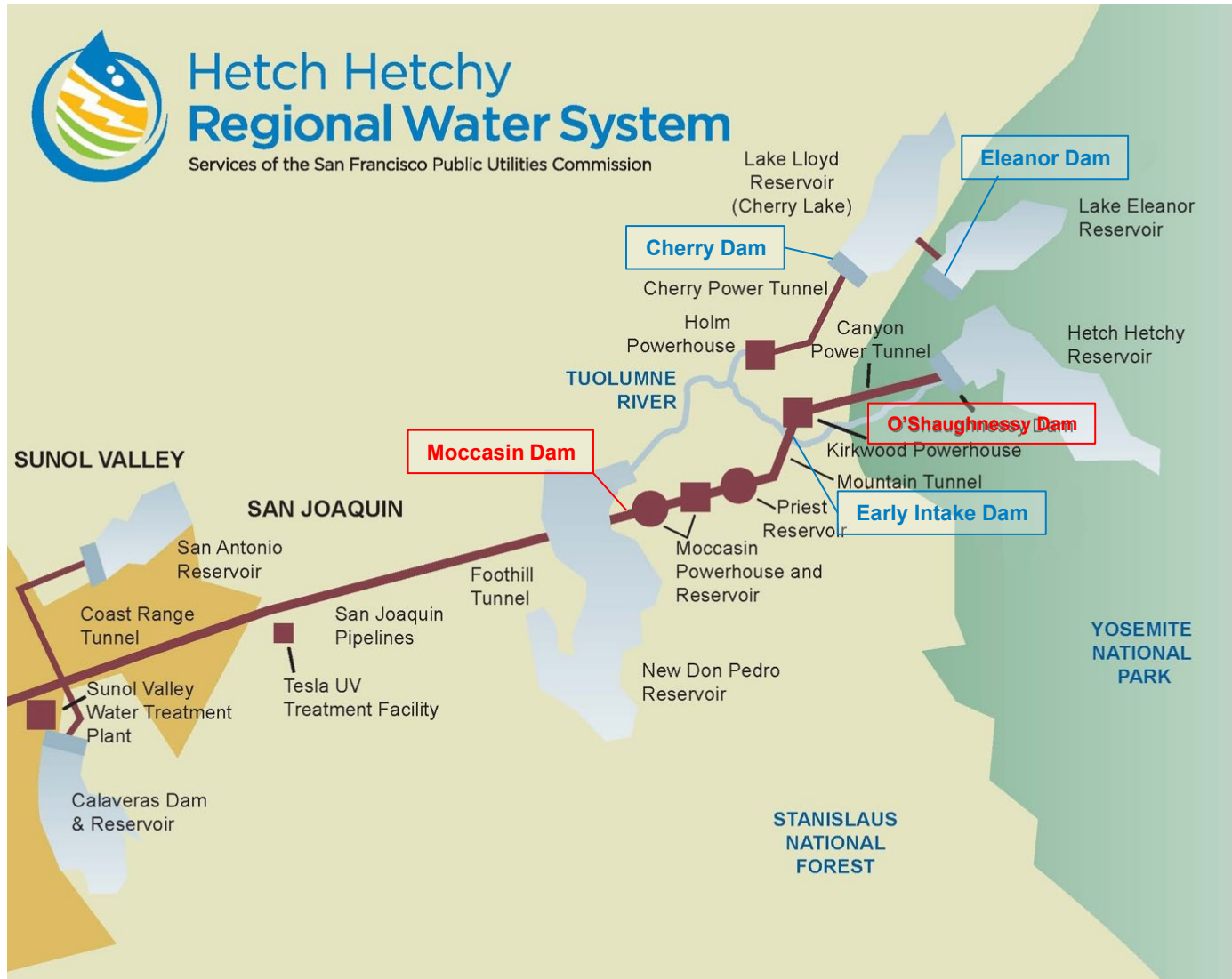
**San Francisco Board of Supervisors – Budget and Finance Committee Meeting
December 10, 2025**

Background



PRO.0138A and B

Dam and Reservoir Facilities



Regional Dam Projects (10-Year CIP Funding)

PRO.0138.B Projects:

- Cherry Valley Dam Spillway
- Early Intake Dam Rehabilitation
- Eleanor Dam Rehabilitation
- Eleanor Dam Bridge Rehabilitation
- Priest Condition Assessment & Monitoring

Capital Plan
(FY2019-20 thru
FY2028-29)

Capital Plan
(FY2024-25 thru
FY2033-34)

\$213.1M

\$626.7M

PRO.0138.A Projects:

- Moccasin Dam and Reservoir
- O'Shaughnessy Dam Outlet Works Phase II

- Transfer some PRO.0138.A scope to PRO.0138.B
- Needs assessment work defined project scopes
- The SFPUC has significantly increased the latest capital program budgets to reflect the updated needs



Contract PRO.0138.B – Current Planned Budget & Proposed Amendment 1 Modifications

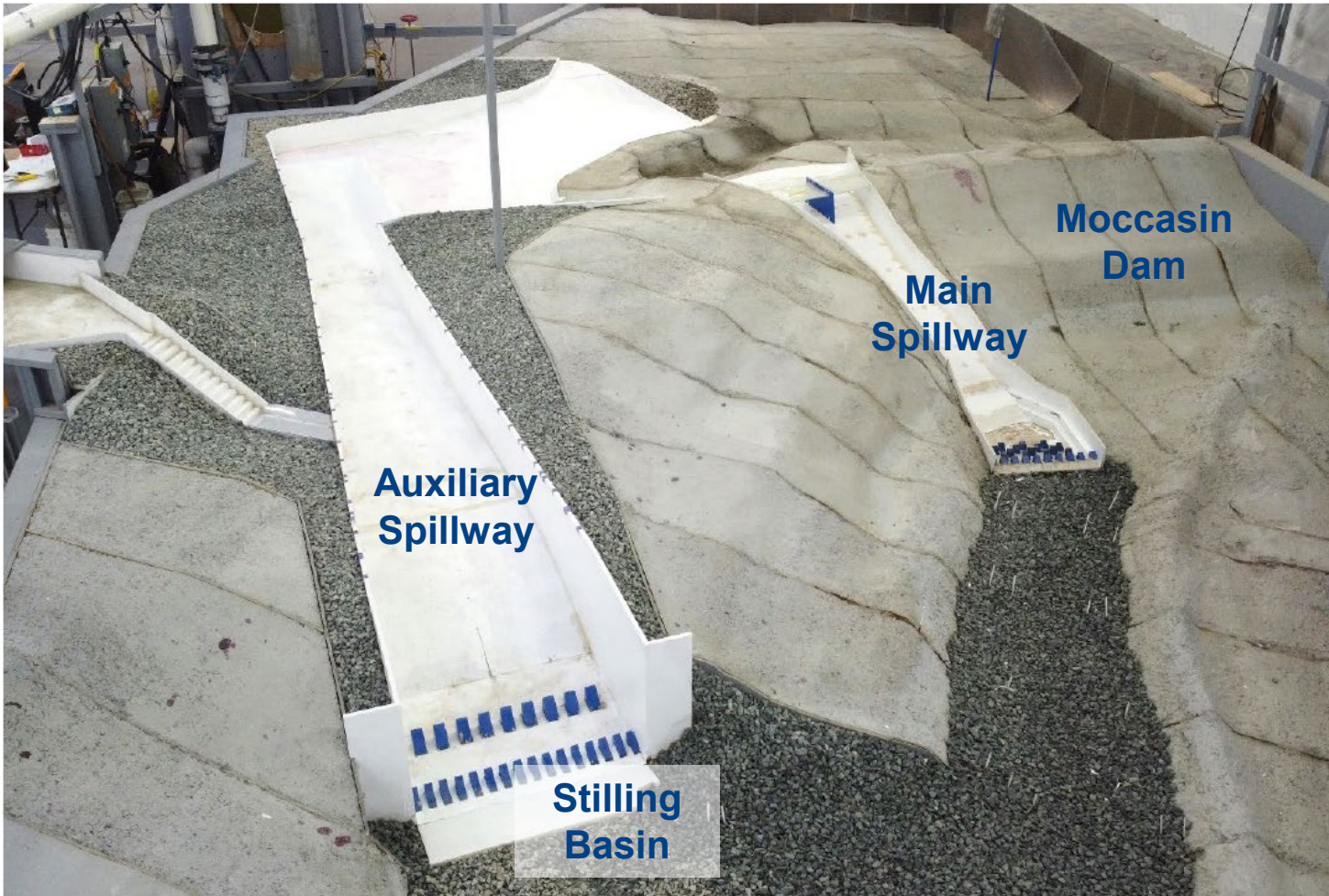
Project Name	Current Phase	Current Planned Budget	Proposed Amendment 1 Modifications		Proposed Budget
Cherry Valley Dam Spillway	100% Design	\$ 1,952,107	-	\$ -	\$ 1,952,107
Early Intake Dam Rehabilitation	Planning	\$ 1,677,507	-	\$ -	\$ 1,677,507
Eleanor Dam Rehabilitation	Planning	\$ 542,203	-	\$ -	\$ 542,203
Eleanor Dam Bridge Rehabilitation - Interim Repair - Long-term Rehabilitation	100% Design Planning	\$ 1,497,170	-	\$ -	\$ 1,497,170
Priest Condition Assessment & Monitoring	Planning	\$ 1,076,098	-	\$ -	\$ 1,706,098
Moccasin Dam and Reservoir	35% Design	\$ -	Design	\$ 7,000,000	\$ 7,000,000
O'Shaughnessy Dam and Outlet Works Phase II	not started	\$ -	Planning/ Design	\$ -	\$ 2,000,000
Unassigned	-	\$ 4,254,915	-	\$ -	\$ 2,254,915
TOTAL		\$ 11,000,000		\$ 7,000,000	\$ 18,000,000

Moccasin Dam and Reservoir (2018 Storm)



- The 2018 storm nearly overtopped Moccasin Lower Dam and caused significant damage to the upstream and downstream areas

Moccasin Dam and Reservoir (Physical Model)



- New side-channel auxiliary spillway ogee, lined spillway chute and stilling basin work
- Current Status: 35% Design

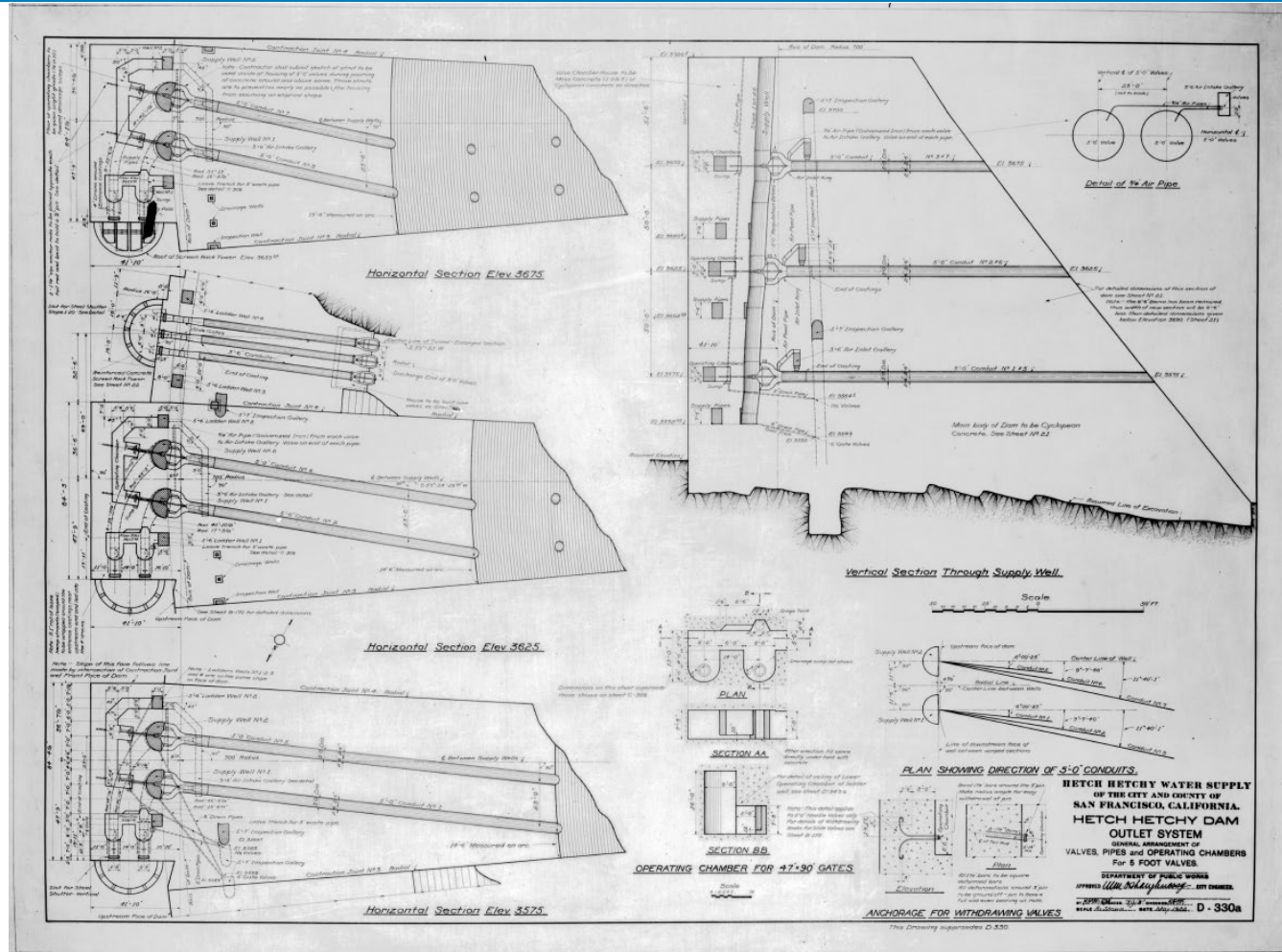
O'Shaughnessy Dam and Outlet Works Phase II Drum & Slide Gates



- Drum Gates & Slide Gates
- Current Status: Planning



O'Shaughnessy Dam and Outlet Works Phase II



- Diversion Pipe Isolation Butterfly Valve
- 60", 72" Needle Valves
- Current Status: not started



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Moccasin Creek Diversion Dam

Moccasin Powerhouse

Moccasin Creek
Diversion Pipe

Gate 3

Gates 1/1A 2/2A

Auxiliary Spillway

Primary Spillway

Fish Hatchery