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

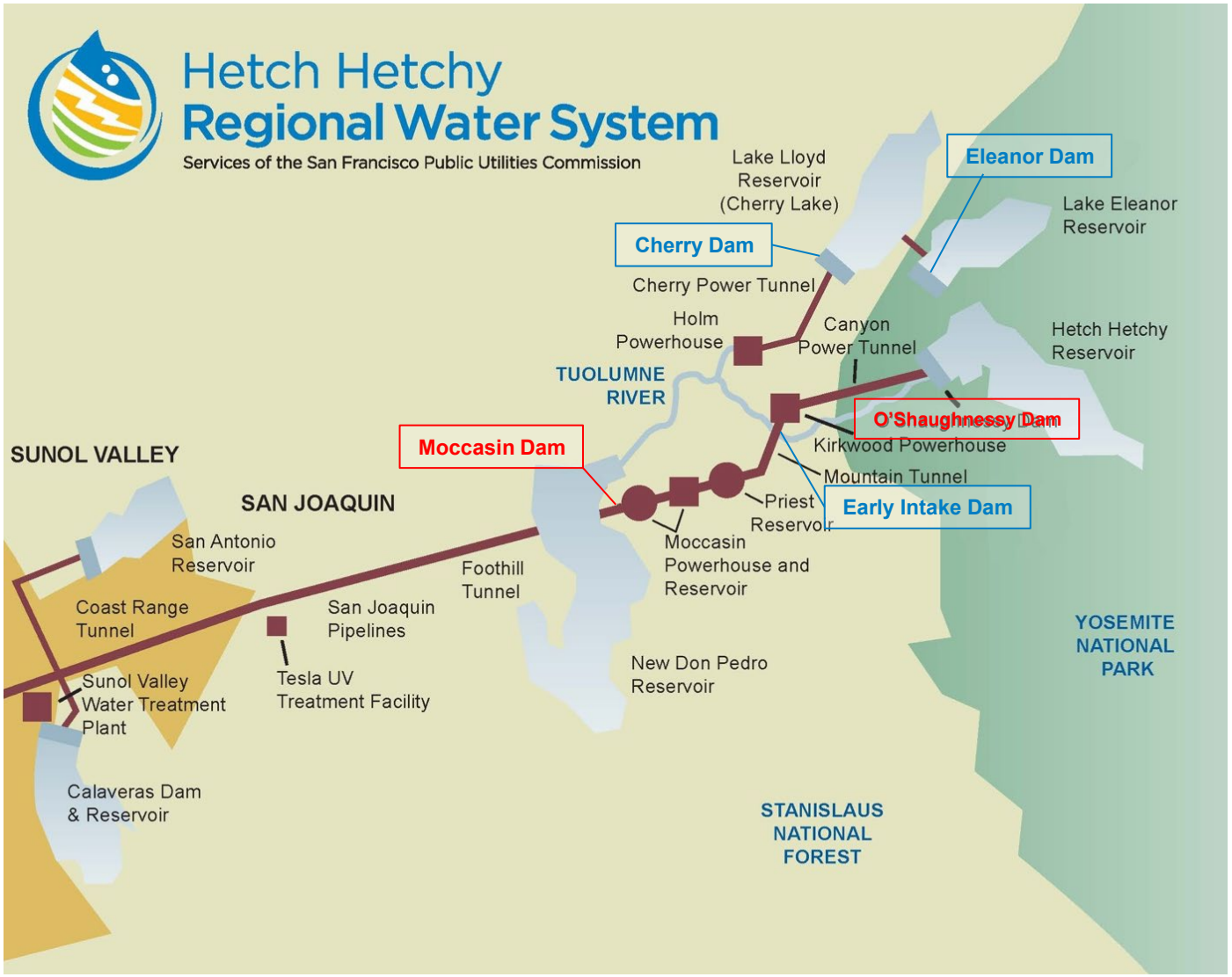
Request to Approve Amendment No. 1 to Contract Number PRO.0138.B - Engineering Services for Dams and Reservoirs

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

Background

Oroville Dam
During 2017 Storm
Oroville Dam
After 2017 Storm

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

PRO.0138.A Projects:

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

Capital Plan (FY2019-20 thru FY2028-29)	Capital Plan (FY2024-25 thru FY2033-34)
$213.1M	**$626.7M**

- 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

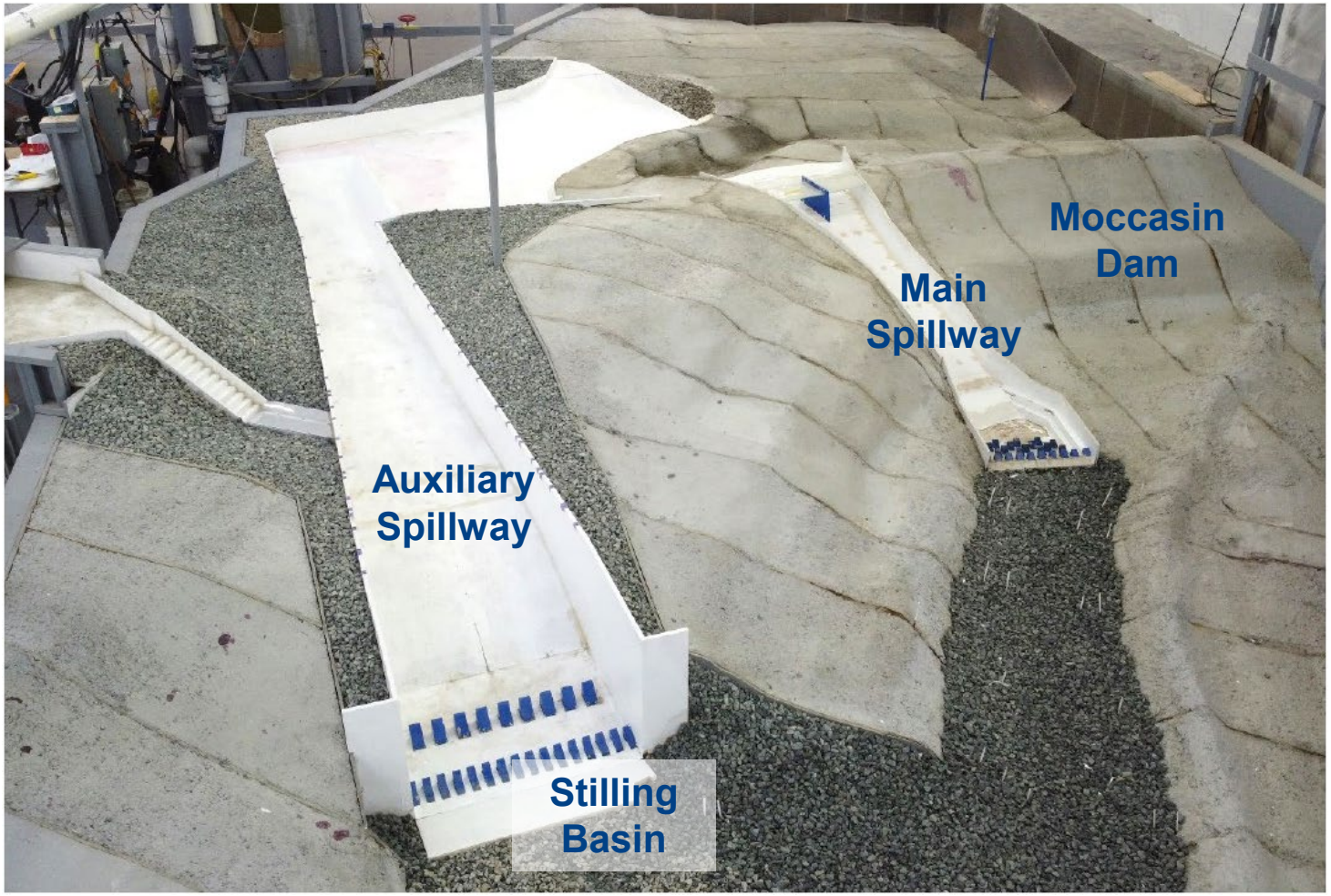
Contract PRO.0138.B – Current Planned Budget & Proposed Amendment 1 Modifications

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)

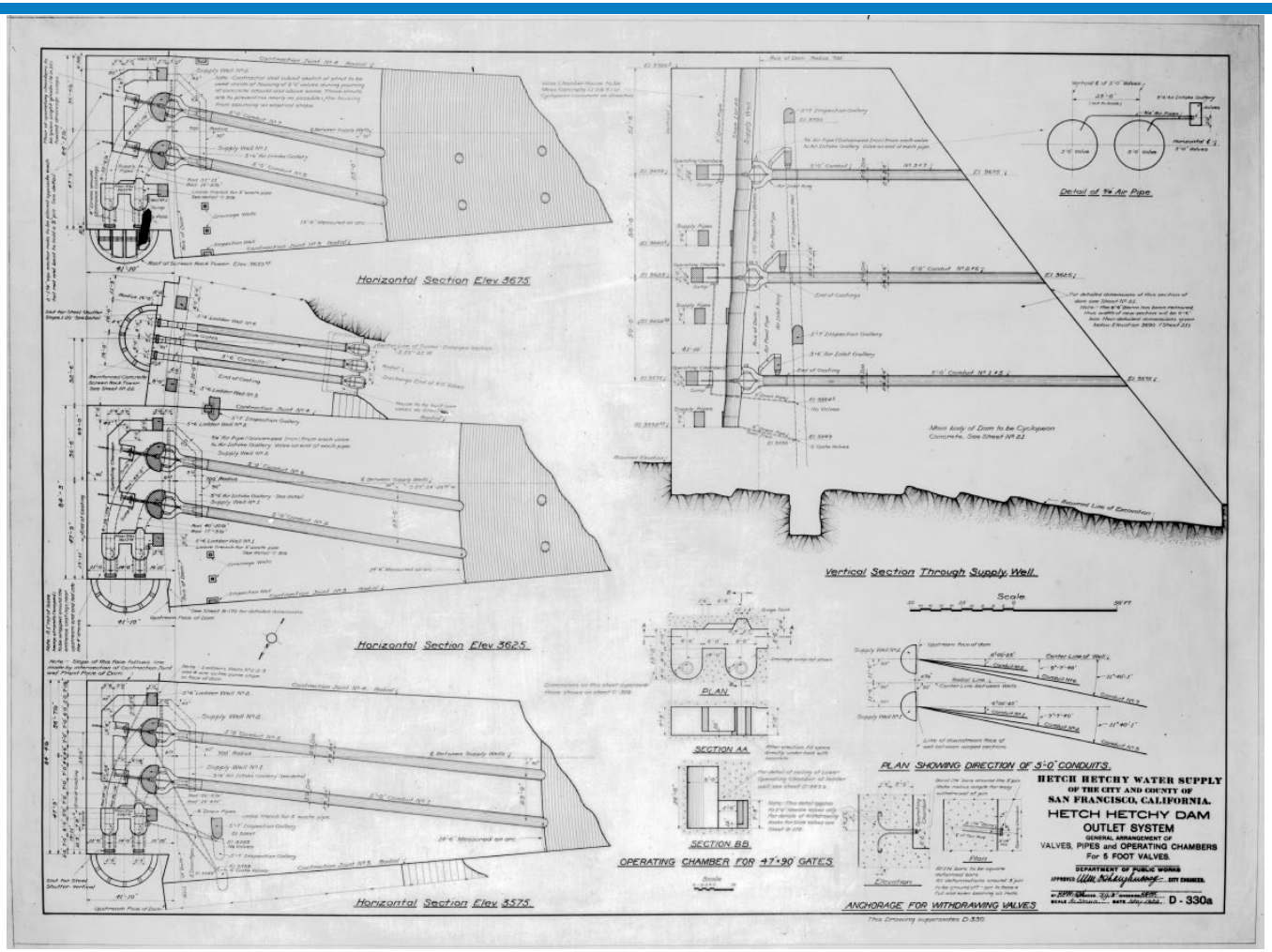


- New side-channel auxiliary spillway ogee, lined spillway chute and stilling basin work
- Current Status: 35% Design

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