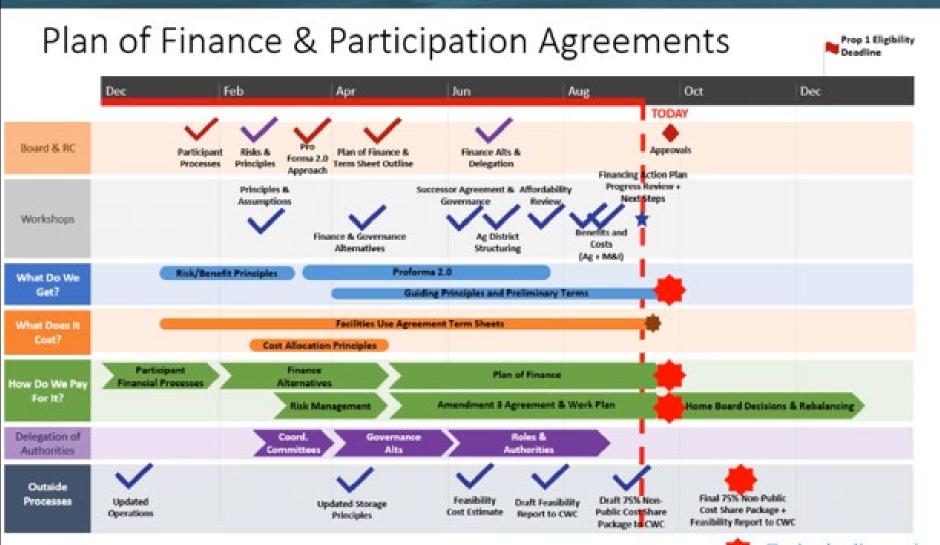
Staff Activities

ITEM 4.4

Overview

- ▶ Sites Reservoir
- State Water Project
 - ► Mile Post 56 Repairs
 - ► Subsidence Remediation
 - ► Castaic Lake Outlet Tower Bridge Repairs

We have come a long way this year



What are the Prop 1 Eligibility Requirements? by January 1, 2022

Feasibility
Studies complete
and Draft
EIR/EIS issued
for public review

Obtain 75% funding commitment for non-Prop 1 costs

California Water
Commission
(CWC) finds that
the project is
feasible

Amendment 3 to Funding Agreement

- Covers preconstruction cost for a period of 18-36 months
- Pay as you go
 - ▶ 2022 \$100/AF
 - ▶ 2023 \$140/AF
 - ▶ 2023 \$160/AF
- ▶ Potential for financing by mid 2023

Sites Reservoir Contracting Principles Overview

- Beneficiary Pays
- Roles of JPA and Reservoir Committee
 - ▶ JPA hold water and property rights
 - Reservoir Committee members
 - "Own" and manage their storage allocation
 - ► May market storage allocation rights
 - Obligated to cover fixed and variable costs

State Water Project O&M Update



- Leak at Mile Post 55
- Aqueduct Subsidence
- Castaic Outlet Tower Seismic Rehabilitation





Repairs Underway





120° W Merced County San Jose Madera Pool 13 County Dos Amigos **Pumping Plant** Pool 14 Fresno County Figure Extent County **Cumulative Vertical Change** North 19 Jul 2013 - 26 Oct 2017 Pool 18 Panoche Bowl Central 25 Nov 2013 - 26 Oct 2017 1-5 feet of subsidence Pool 19 South 02 Apr 2014 - 26 Oct 2017 (inches) -40.6 - -9 -8.9 - -8 1.1 - 2 -7.9 - -7 2.1 - 3 Kings -6.9 - -6 3.1 - 4 County -5.9 - -5 4.1 - 5 -4.9 - -4 5.1 - 12 Los Gatos Bowl -3.9 - -3 1-6 feet of subsidence -2.9 - -2 -1.9 - -1 -0.9 - 0Pool 23 Kern Bowl Pool 24 -4 feet of subsidence Kern County Pool 26 Explanation Pool 28 Pool extents California Aqueduct Aqueduct study corridor Pool 30 Boundaries of subsidence bowls + High point Low point Maricopa Bowl Aqueduct mile posts 1-2 feet of subsidence 5 mile stations 50 mile stations Pleito Bowl 1-2 feet of subsidence **Pumping Plant**

Overview of California Aqueduct Subsidence

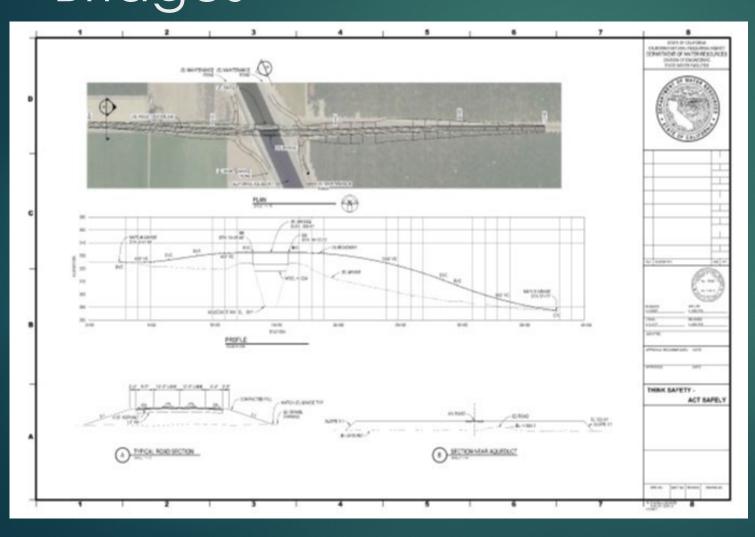
- Initial Focus on
 - ▶ Pool 17 18
 - ▶ Pool 21 22
- Embankment Raise
- Check Structures
- Bridges
- Other Appurtenances

Check Structure 17



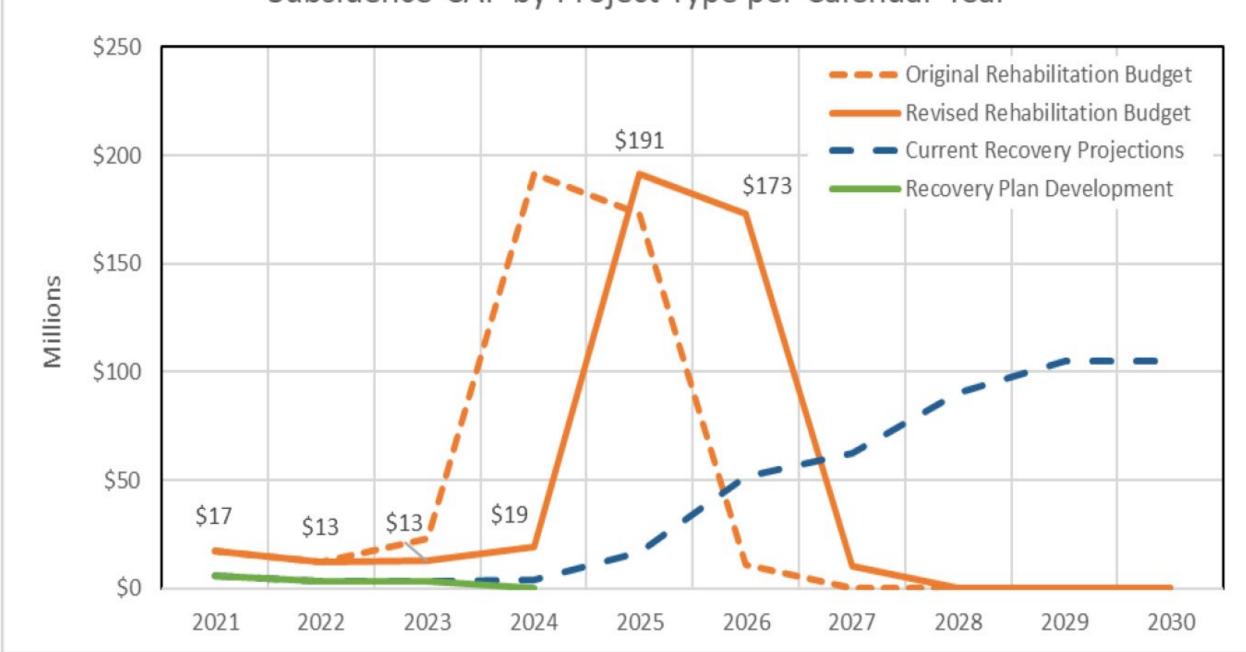
- Preliminary Design
- Construction Early 2024
- Coffer Dams to facilitate continued service while one half of structure is replaced.

Pool 17 & 18 and Pool 20 & 21 Bridges



- ▶ 19 Bridges
 - ▶ 10-50 % Design

Subsidence CAP by Project Type per Calendar Year



Castaic Lake Outlet Tower Bridge Retrofit



- Construction is on schedule
- DWR assessing potential 2022 reservoir operating criteria