



## **Santa Clara Valley Water District Capital Improvement Program Committee Meeting**

HQ. Bldg. Boardroom, 5700 Almaden Expressway, San Jose, California  
Join Zoom Meeting: <https://valleywater.zoom.us/j/94158013374>

### **REGULAR MEETING AGENDA**

**Monday, October 20, 2025  
11:00 AM**

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**District Mission: Provide Silicon Valley safe, clean water for a healthy life, environment and economy.**

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**BOARD COMMITTEE MEMBERS:**

Committee Chair:  
Director Nai Hsueh, District 5

Committee Vice Chair:  
Director Tony Esterema, District 6

Committee Member:  
Director Jim Beall, District 4

All public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body, will be available to the public through the legislative body agenda web page at the same time that the public records are distributed or made available to the legislative body. Santa Clara Valley Water District will make reasonable efforts to accommodate persons with disabilities wishing to participate in the legislative body's meeting. Please advise the Clerk of the Board Office of any special needs by calling (408) 265-2600.

**COMMITTEE LIAISON:**  
Jessica Collins

Dave Leon (COB Liaison)  
Asst. Deputy Clerk II  
[DaveLeon@valleywater.org](mailto:DaveLeon@valleywater.org)  
1-408-630-2006

**Note: The finalized Board Agenda, exception items and supplemental items will be posted prior to the meeting in accordance with the Brown Act.**

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**Santa Clara Valley Water District**  
**Capital Improvement Program Committee**  
**REGULAR MEETING**  
**AGENDA**

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Monday, October 20, 2025

11:00 AM

HQ. Bldg. Boardroom, 5700 Almaden  
Expressway, San Jose, California  
Join Zoom Meeting:  
<https://valleywater.zoom.us/j/94158013374>

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**\*\*\*IMPORTANT NOTICES AND PARTICIPATION INSTRUCTIONS\*\*\***

Santa Clara Valley Water District (Valley Water) Board of Directors/Board Committee meetings are held as a “hybrid” meetings, conducted in-person as well as by telecommunication, and is compliant with the provisions of the Ralph M. Brown Act.

To maximize public safety while still maintaining transparency and public access, members of the public have an option to participate by teleconference/video conference or attend in-person. To observe and participate in the meeting by teleconference/video conference, please see the meeting link located at the top of the agenda. If attending in-person, you are required to comply with **Ordinance 22-03 - AN ORDINANCE OF THE SANTA CLARA VALLEY WATER DISTRICT SPECIFYING RULES OF DECORUM FOR PARTICIPATION IN BOARD AND COMMITTEE MEETINGS** located at <https://s3.us-west-2.amazonaws.com/valleywater.org.if-us-west-2/f2-live/s3fs-public/Ord.pdf>

In accordance with the requirements of Gov. Code Section 54954.3(a), members of the public wishing to address the Board/Committee during public comment or on any item listed on the agenda, may do so by filling out a Speaker Card and submitting it to the Clerk or using the “Raise Hand” tool located in the Zoom meeting application to identify yourself in order to speak, at the time the item is called. Speakers will be acknowledged by the Board/Committee Chair in the order requests are received and granted speaking access to address the Board.

- Members of the Public may test their connection to Zoom Meetings at: <https://zoom.us/test>
- Members of the Public are encouraged to review our overview on joining Valley Water Board Meetings at: <https://www.youtube.com/watch?v=TojJpYCxXm0>

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This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Sections 54950 et. seq. and has

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Under the Brown Act, members of the public are not required to provide identifying information in order to attend public meetings. Through the link below, the Zoom webinar program requests entry of a name and email address, and Valley Water is unable to modify this requirement. Members of the public not wishing to provide such identifying information are encouraged to enter "Anonymous" or some other reference under name and to enter a fictional email address (e.g., attendee@valleywater.org) in lieu of their actual address. Inputting such values will not impact your ability to access the meeting through Zoom.

**Join Zoom Meeting:**

**<https://valleywater.zoom.us/j/94158013374>**

**Meeting ID: 941 5801 3374**

**Join by Phone:**

**1 (669) 900-9128, 94158013374#**

**1. CALL TO ORDER:**

1.1. Roll Call.

**2. TIME OPEN FOR PUBLIC COMMENT ON ANY ITEM NOT ON THE AGENDA.**

*Notice to the public: Members of the public who wish to address the Board/Committee on any item not listed on the agenda may do so by filling out a Speaker Card and submitting it to the Clerk or using the "Raise Hand" tool located in the Zoom meeting application to identify yourself to speak. Speakers will be acknowledged by the Board/Committee Chair in the order requests are received and granted speaking access to address the Board/Committee. Speakers' comments should be limited to three minutes or as set by the Chair. The law does not permit Board/Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If Board/Committee action is requested, the matter may be placed on a future agenda. All comments that require a response will be referred to staff for a reply in writing. The Board/Committee may take action on any item of business appearing on the posted agenda.*

**3. APPROVAL OF MINUTES:**

3.1. Approval of September 29, 2025 Capital Improvement Program Committee Minutes.

25-0907

Recommendation: Approve the minutes.  
Manager: Candice Kwok-Smith, 408-630-3193  
Attachments: [Attachment 1: 09292025 CIP Committee Minutes](#)  
Est. Staff Time: 5 Minutes

#### 4. REGULAR AGENDA:

4.1. Review List of Initially Validated and Currently Unfunded Capital Projects. [25-0690](#)

Recommendation: A. Review list of Initially Validated and Currently Unfunded Capital Projects; and  
B. Provide feedback as necessary.  
Manager: Luz Penilla, 408-630-2228  
Attachments: [Attachment 1: PowerPoint](#)  
Est. Staff Time: 20 Minutes

4.2. Receive Information on the Calero Dam Seismic Retrofit - Design & Construction Project, Project No. 91874004, (San Jose, Unincorporated Santa Clara County) (District 1, District 7) and Guadalupe Dam Seismic Retrofit - Design & Construction Project, Project No. 91894002, (San Jose) (District 7). [25-0720](#)

Recommendation: Receive Information on the Calero Dam Seismic Retrofit - Design & Construction Project, Project No. 91874004, (San Jose, Unincorporated Santa Clara County) (District 1, District 7) and Guadalupe Dam Seismic Retrofit - Design & Construction Project, Project No. 91894002, (San Jose) (District 7).  
Manager: Andrew Garcia, 408-630-2817  
Attachments: [Attachment 1: Consultant Contract Charts](#)  
[Attachment 2: PowerPoint](#)  
Est. Staff Time: 20 Minutes

4.3. Receive and Discuss Information Regarding the Status of Capital Projects in the Feasibility and Planning Phase. [25-0711](#)

Recommendation: Receive and discuss information regarding the status of capital projects in the feasibility and planning phase.  
Manager: Ryan McCarter, 408-630-2983  
Kirsten Struve, 408-630-3138  
Luz Penilla, 408-630-2228  
Emmanuel Aryee, 408-630-3074  
Bhavani Yerrapotu, 408-630-2735  
Lisa Bankosh, 408-630-2618  
Tony Ndah, 408-630-2208  
Attachments: [Attachment 1: Feasibility and Planning Report](#)  
Est. Staff Time: 10 Minutes

4.4. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract. [25-0712](#)

Recommendation: Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

Manager: Ryan McCarter, 408-630-2983

Attachments: [Attachment A: Government Code § 84308: Flatiron West, Inc.](#)  
[Attachment 1: Construction Contract Change Orders Status](#)  
[Attachment 2: Construction Contract Financial Status](#)

Est. Staff Time: 10 Minutes

4.5. Review 2025 Capital Improvement Program Committee Work Plan. [25-0710](#)

Recommendation: Review the 2025 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

Manager: Candice Kwok-Smith, 408-630-3193

Attachments: [Attachment 1: 2025 CIP Committee Work Plan](#)

Est. Staff Time: 5 Minutes

**5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.**

*This is an opportunity for the Clerk to review and obtain clarification on any formally moved, seconded, and approved requests and recommendations made by the Committee during the meeting.*

**6. ADJOURN:**

6.1. Adjourn. The Next Regular Meeting is Scheduled at 11:00 a.m. on November 17, 2025.

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# Santa Clara Valley Water District

File No.: 25-0907

Agenda Date: 10/20/2025

Item No.: 3.1.

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## COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes  No   
(If "YES" Complete Attachment A - Gov. Code § 84308)

### **SUBJECT:**

Approval of September 29, 2025 Capital Improvement Program Committee Minutes.

### **RECOMMENDATION:**

Approve the minutes.

### **SUMMARY:**

In accordance with the Ralph M. Brown Act, a summary of Committee discussions, and details of all actions taken by the Capital Improvement Program Committee, during all open and public Committee meetings, is transcribed and submitted to the Committee for review and approval.

Upon Committee approval, minutes transcripts are finalized and entered into the Committee's historical record archives and serve as the official historical record of the Committee's meeting.

### **ENVIRONMENTAL JUSTICE IMPACT:**

There are no Environmental Justice impacts associated with this item.

### **ATTACHMENTS:**

Attachment 1: 09292025 CIP Committee Minutes

### **UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193

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CAPITAL IMPROVEMENT COMMITTEE MEETING

# DRAFT MINUTES

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## REGULAR MEETING

**MONDAY, September 29, 2025**  
**11:00 AM**

(Paragraph numbers coincide with agenda item numbers)

### **1. CALL TO ORDER:**

A regular meeting of the Santa Clara Valley Water District (Valley Water) Capital Improvement Committee (Committee) was called to order in the Valley Water Headquarters Building Boardroom at 5700 Almaden Expressway, San Jose, California, and by Zoom teleconference, at 11:01 a.m.

#### 1.1 Roll Call.

Committee members in attendance were District 4 Director Jim Beall, District 6 Director Tony Estremera, Vice Chairperson, and District 5 Director Nai Hsueh, Chairperson presiding, constituting a quorum of the Committee.

Staff members in attendance were: Gina Adriano, Emmanuel Aryee, Erin Baker, Sam Bogale, James Bohan, John Bourgeois, Lisa Bankosh, Audrey Beaman, Sarah Berning, Rita Chan, Jen Codianne, Enrique De Anda, Jiana Escobar, Vincent Gin, Samantha Greene, Lori Gregory, Chris Hakes, Linh Hoang, Cody Houston, Candice Kwok-Smith, Linn Latt, Cecil Lawson, Dave Leon, Jennifer Martin, Ryan McCarter, Patrice McElroy, Tony Ndah, Sophie Padilla, Luz Penilla, Samantha Pe-Wong, Alison Phagan, Mark Poole, Maged Salib, Miguel Silva, Stephanie Simunic, Darin Taylor, Odilia Teixeira, Cheryl Togami, Dorothy Tsou, and Bhavani Yerrapotu.

Public in attendance were: XXX-XXX-8503, Adam, and Arthur.

## **2. TIME OPEN FOR PUBLIC COMMENT ON ANY ITEM NOT ON THE AGENDA:**

Chairperson Hsueh declared time open for public comment on any item not on the agenda. There was no one who wished to speak.

## **3. APPROVAL OF MINUTES:**

- 3.1. Approval of August 18, 2025 Capital Improvement Program Committee Meeting Minutes.

Recommendation: Approve the minutes.

Public Comments: None.

It was moved by Vice Chairperson Estremera and seconded by Director Beall, and unanimously carried to approve the minutes as submitted.

### **Regular Agenda:**

- 4.1. Receive an Overview of the Annual Capital Improvement Program (CIP) Development Process and the Integrated Financial Planning Schedule.

Recommendation:

- A. Receive an overview of the annual Capital Improvement Program Development Process;
- B. Review the Integrated Financial Planning Schedule; and
- C. Provide Feedback as Necessary.

Luz Penilla reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 1 and was available to answer questions.

Public Comments: None.

The Committee received the information, took no formal action, and requested that staff provide a written report relating to money that is spent including change orders after the Board takes action to close out a project, and further requested that staff include feedback from the Board CIP strategic planning discussion into the Committee's schedule for consideration.

- 4.2. Receive and Discuss Information Regarding the Status of Capital Projects in the Construction Phase.

Recommendation: Receive and discuss information regarding the status of capital projects in the construction phase.

Emmanuel Aryee, Ryan McCarter, Bhavani Yerrapotu, Cecil Lawson, and Tony Ndah reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 1 were reviewed by staff per the row and Deputy's initials as follows: Emmanuel Aryee reviewed rows marked EA, Ryan McCarter reviewed rows marked RM, Bhavani Yerrapotu reviewed rows marked BY, Cecil Lawson reviewed rows marked CL, and Tony Ndah reviewed rows marked TN. Emmanuel Aryee, Ryan McCarter, Bhavani Yerrapotu, Cecil Lawson, and Tony Ndah were available to answer questions.

Public Comments: None.

Without discussion, the Committee received the information and took no formal action.

**4.3. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.**

Recommendation: Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

Ryan MacCarter reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachments 1 and 2 and was available to answer questions.

Public Comments: None.

Without discussion, the Committee received the information and took no formal action.

**4.4. Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects.**

Recommendation: Receive information on upcoming consultant agreement amendments for capital projects.

Ryan McCarter reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 1. Ryan McCarter, John Bourgeois, Lisa Bankosh, and Chris Hakes were available to answer questions.

Public comments: None.

The Committee received the information, took no formal action, and requested that staff report to the Committee with possible methods to streamline the process of completing projects, and further requested that

staff provide information relating to collaborating with the City of San Jose regarding creek and street cleanup efforts and environmental restoration projects.

**4.5. Review 2025 Capital Improvement Program Committee Work Plan.**

Recommendation: Review the 2025 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

The Committee considered this item without a staff presentation.

Public Comments: None.

Chairperson Hsueh reiterated her request to agendize feedback from the Board CIP strategic planning discussion. She also requested that staff provide a written response to Director Beall's request on item 4.1 at the October Committee meeting.

The Committee received the information and took no formal action.

**5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS:**

*This is an opportunity for the Clerk to review and obtain clarification on any formally moved, seconded, and approved requests and recommendations made by the Committee during the meeting.*

The Committee took no action.

**6. ADJOURN:**

**6.1. Adjourn.**

Chairperson Hsueh adjourned the meeting at 12:06 p.m.

Dave Leon  
Assistant Deputy Clerk II

Date Approved:



# Santa Clara Valley Water District

File No.: 25-0690

Agenda Date: 10/20/2025

Item No.: 4.1.

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## COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes  No   
(If "YES" Complete Attachment A - Gov. Code § 84308)

### **SUBJECT:**

Review List of Initially Validated and Currently Unfunded Capital Projects.

### **RECOMMENDATION:**

- A. Review list of Initially Validated and Currently Unfunded Capital Projects; and
- B. Provide feedback as necessary.

### **SUMMARY:**

The annual update of the Capital Improvement Program (CIP) Five-Year Plan includes project plan updates for all existing capital projects and a Validation Process to review and evaluate potential new capital projects for inclusion in the CIP, along with review points for the CIP Committee and decision points for the Board.

### ***CIP Development Process Overview***

Each year, Santa Clara Valley Water District (Valley Water) staff can submit new projects to be considered for inclusion in Valley Water's CIP. For each potential new project, staff develops a business case to compare capital, non-capital, and non-asset alternative solutions; evaluates the lifecycle costs of these solutions; and identifies a recommended solution that minimizes lifecycle cost while balancing service levels and risk.

From May through September, staff submits the business case for review by their respective Deputy Operating Officer (DOO) or Deputy Administrative Officer (DAO). If staff's respective DOO/DAO approves the project, it is submitted to the CIP coordinator. Simultaneously, project managers update their existing capital projects to reflect changes to scope, schedule, and project cost/planned expenditures, which are also subject to approval by the respective DOO/DAO.

Between October and November each year, these newly proposed, initially validated projects will be

presented to the CIP Committee and Board, along with a list of currently unfunded projects that have been validated during prior years, for review and comment. Committee and Board feedback will be considered when preparing the funding scenarios for the CIP Preliminary Five-Year Plan.

### ***Initially Validated Unfunded Projects***

There are 11 unfunded projects for the Board's consideration this CIP Development Cycle: three initially validated projects and eight previously validated/currently unfunded projects. Project descriptions of each of the Initially Validated Projects are included in the PowerPoint (Attachment 1). For a high-level overview of the Initially Validated Unfunded Projects List, see the table below:

Project Name	Estimated Total Project Cost (\$ thousands w/inflation)	Phase	Potential Funding Source	Type of Improvement/Infrastructure
<b>FY 2025-26 Initially Validated Projects</b>				
Pure Water Silicon Valley - Full-Scale Direct Potable Reuse (DPR) Facility	\$2,448,896	Planning	Fund 61	WS - NEW Infrastructure
Santa Teresa Water Treatment Plant Treated Water Improvement Project III (STWTP TWIP III)	\$242,668	Design	Fund 61	WS - Existing Infrastructure
Aquatic Resource Creation at Ford Road Percolation Pond	\$6,366	Planning	Fund 12	WRS - Existing Infrastructure
<b>Current Unfunded Projects</b>				
Llagas Creek - Lower, Capacity Restoration, Buena Vista Road to <u>Pajaro River</u>	\$98,831*	Planning	Fund 12	FP - Existing Infrastructure
Permanente & Hale Creek Concrete Replacement	\$20,810	Design	Fund 12	FP - Existing Infrastructure
Calabazas/San Tomas Aquino Creek Marsh Connection - Construction (ONLY)	\$34,562	Construction	Fund 12	WRS - Existing Infrastructure
Pond A4 - Phase 2 (Construction ONLY)	\$32,128	Construction	Fund 12	WRS - NEW Infrastructure
South Babb Flood Protection - Long-Term	\$22,070	Planning	Fund 12	FP - Existing Infrastructure
Almaden-Calero Canal Rehabilitation - Phase II	\$13,071	Planning	Fund 61	WS - Existing Infrastructure
Alamitos Operable Dam Replacement	\$13,889	Planning	Fund 61	WS - Existing Infrastructure
Palo Alto Purified Water Project (PAPWP)	\$1,097,076**	Planning	Fund 61	WS - NEW Infrastructure

Water Supply - WS

Water Resources Stewardship - WRS

Flood Protection - FP

\* Llagas Capacity has prior year actuals = \$6,947, TPC = \$105,778

\*\* PAPWP Fund 61 unfunded cost is \$14,633,000; Public Private Partnership (P3 contribution for PAPWP) is \$1,082,443,000

### ***Annual Process for Development of the CIP Preliminary Five-Year Plan***

**Project Plans updated annually.** Every year, capital project managers update their project plans to reflect changes to project scope, schedule, and cost. In the fall of each year, CIP and Finance staff compile the data from existing CIP project plans, collect the operational forecast information, and run the financial models.

**Board consideration for removal or inclusion of projects in the CIP.** Due to increasing capital costs, Valley Water's Funds are facing constraints. To address this, staff held a Board workshop on August 29, 2025, which outlined the financial challenges and identified potential funding solutions. Staff will return on November 12, 2025, to present this year's list of validated unfunded projects and to discuss prioritization strategies for the upcoming development of the CIP Preliminary Five-Year Plan. Feedback from the Board will assist staff in developing scenarios for financial analysis and preliminary CIP recommendations.

**Staff analysis and recommendations.** The CIP Evaluation Team (Chief Executive Officer (CEO), Assistant CEO, Chiefs and Deputies of the divisions initiating, delivering, implementing, and

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operating capital projects) will then meet on November 18, 2025, to consider the Board's feedback and review the financial models. The Team will determine which, if any, unfunded projects should be recommended for inclusion and whether any of the currently funded capital projects should be recommended for removal, re-scoping/phasing, deferment, or placement on the unfunded list for the next CIP Five-Year Plan being developed.

To ensure Valley Water's high-priority business needs are met in adherence to Board policy, the CIP Evaluation team reviews the projects based upon:

- Board Priorities
- Asset's remaining lifespan
- Available funding
- Urgency of investment

**CIP Committee review and feedback.** Based upon the outcome of its review, the CIP Evaluation Team will provide recommendations regarding whether any projects should be recommended for inclusion, removal, re-scoping/phasing, deferment, or placement on the unfunded list for the next CIP Five-Year Plan being developed. Funding scenarios that include these recommendations will be presented to the CIP Committee in December, for review and feedback, along with the CIP Preliminary FY 2027-31 Five-Year Plan. In addition, the CIP Committee will receive an overview of the significant project plan updates from prior year's Board-adopted CIP FY 2026-30 Five-Year Plan.

**Board direction.** Each January, CIP and Finance staff update the funding scenarios to include staff and CIP Committee recommendations, which will be presented to the full Board during a Funding Scenario Workshop, as part of the CIP Preliminary Five-Year Plan and Groundwater Charges item. Each year, direction regarding capital project funding is provided by the Board through its approval of CIP Preliminary Five-Year Plan.

#### **ENVIRONMENTAL JUSTICE IMPACT:**

There are no Environmental Justice impacts associated with this item.

#### **ATTACHMENTS:**

Attachment 1: PowerPoint

#### **UNCLASSIFIED MANAGER:**

Luz Penilla, 408-630-2228

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Development of the CIP Preliminary FY 2027-2031 (FY 27-31) Five-Year Plan

## Overview of Initially Validated and Unfunded Projects

Presented by:

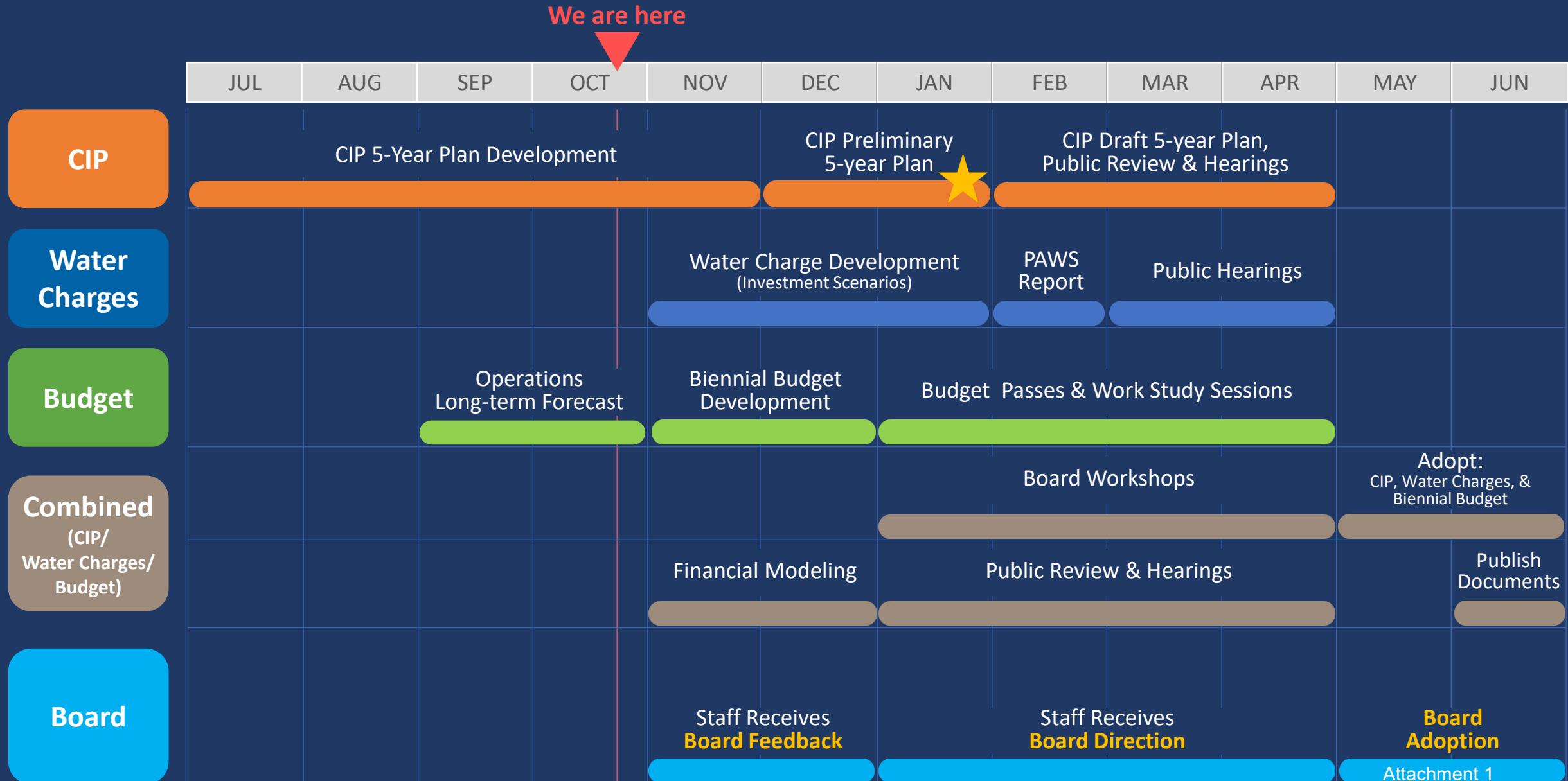
**Jessica Collins, Business Planning and Analysis Unit Manager - Office of Integrated Water Management**  
**Capital Improvement Program Committee – October 20, 2025**

# Presentation Outline

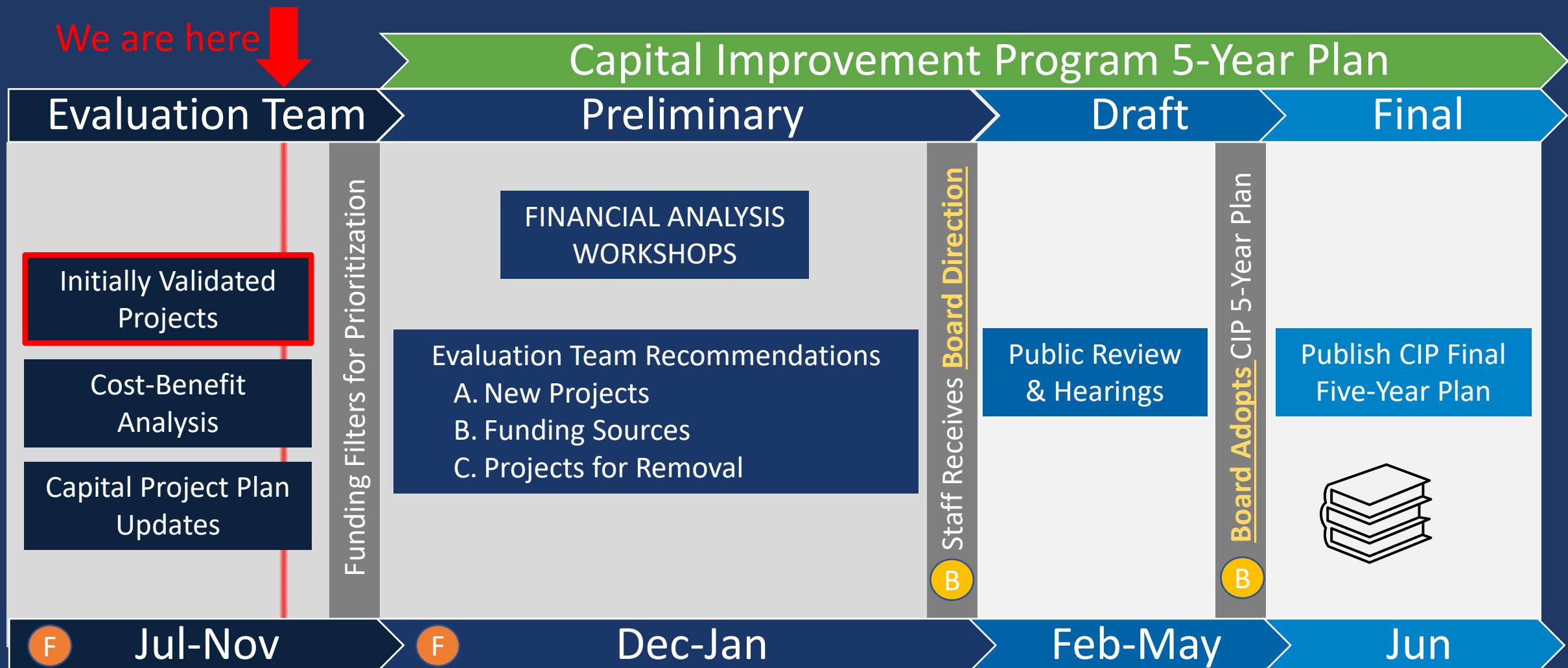
- 1. Annual CIP 5-Year Plan Timeline**
- 2. Unfunded Project List**
  - A. FY 2025-26 Initially Validated Projects
  - B. Current Unfunded Capital Projects
- 3. Overview of FY 2025-26 Initially Validated Projects**
- 4. Next Steps**



# Annual CIP, Biennial Budget & Water Charges Development Timeline



# Annual CIP 5-Year Plan Timeline



# Initially Validated and Currently Unfunded Projects

**Feedback on projects to be  
considered for inclusion**

# Initially Validated and Currently Unfunded Projects

Project Name	Estimated Total Project Cost (\$ thousands w/inflation)	Phase	Potential Funding Source	Type of Improvement/Infrastructure
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Water Supply – WS

Water Resources Stewardship – WRS

Flood Protection – FP

\* Llagas Capacity has prior year actuals = \$6,947, TPC = \$105,778

\*\* PAPWP Fund 61 unfunded cost is \$14,633,000; Public Private Partnership (P3 contribution for PAPWP) is \$1,082,443,000

# Pure Water Silicon Valley

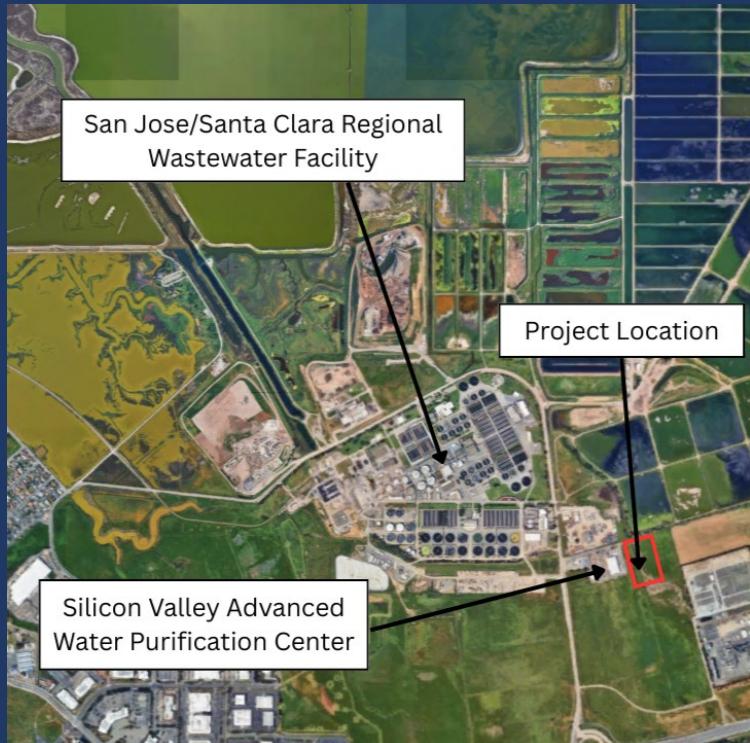
**TPC: \$2.45B**

## Funding: Funds 61

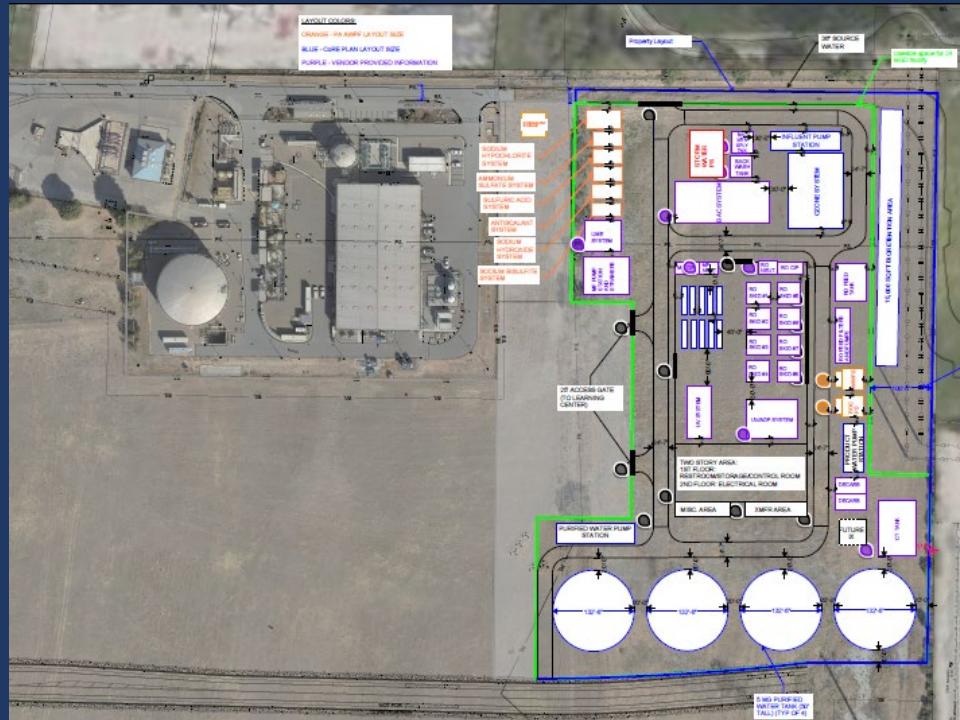
## Duration: 7-10 Years

## Location: San Jose, CA

## Facility near SVAWPC



## Direct Potable Reuse Facility



## Objectives:

1. Provide a drought-proof and locally controlled water supply
2. Design, construct and permit a Direct Potable Reuse Full-Scale Facility
3. Meet the Board's approved goal of 24,000 Acre-Feet per Year (AFY) of potable reuse by 2035

# Pure Water Silicon Valley

## Background:

- In January 2023, Valley Water, San Jose, and Santa Clara signed a Letter of Intent (LOI) to expand recycled and purified water in the County.
- In February 2024, a direct potable reuse (DPR) project was approved to collaborate with San Jose and Santa Clara.
- On August 7, 2025, an RFP was released for a DPR Demonstration Facility, set to complete by 2030, for data gathering and public education.

## Benefits:

- Up to 24,000 Acre-Feet per Year (AFY) of purified water by 2035
- Provides a safe and reliable source of water to County residents

## Projected Milestones / Deliverables:

- Planning: 5 Years
- Design: 4 Years
- Construction: 4 Years
- Closeout: 1 Year
- Completion: 2036

# STWTP Treated Water Improvement Project III

**TPC:** \$242.7M

**Funding:** Fund 61

**Duration:** 8 Years

**Location:** San Jose, CA

## Project Site



## *Protect and Maintain Existing Water Infrastructure*

### Objectives:

1. Replace aging assets throughout the treatment plant.
2. Implement process improvements to increase plant reliability.

# STWTP Treated Water Improvements Project III

## Linkage to Adopted CIP:

1. Planning was part of the WTP Master Plan Implementation Project (WTP MPIP)
  - A. All WTP needs were prioritized into three 10-year buckets: (1) 2025-2034, (2) 2035-2044, (3) 2045-2054.
  - B. This is the first recommended capital project from priority 1.

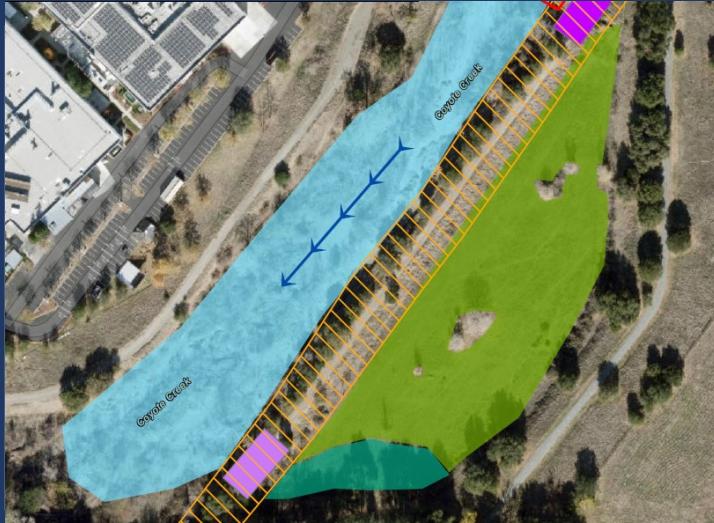
## Benefits:

1. Replaces aging infrastructure
2. Enhances disinfection flexibility while improving regulatory compliance and monitoring
3. Upgrades operational flexibility and reliability by improving electrical and chemical systems
4. Renews ozone generation equipment at both STWTP and PWTP, while ensuring a single supplier

## Projected Milestones / Deliverables:

1. Design phase complete in December 2030
2. Construction beginning 2030 and complete in Spring 2034

# Aquatic Resource Creation at Ford Rd Perc Pond



**TPC:** \$6.4M  
**Funding:** Fund 12  
**Duration:** 3-4 Years  
**Location:** San Jose, CA

## Objectives:

1. Meet Valley Water's mitigation requirements for the Coyote Creek watershed for Stream Maintenance Program (SMP-3), Anderson Dam Seismic Retrofit Project (ADSRP), Coyote Creek Flood Protection Project (CCFPP), and/or other project and programs.
2. Create approximately 3 acres of jurisdictional waters and/or wetland aquatic resources
3. Enhance approximately 4 acres of jurisdictional waters in Coyote Creek
4. Enhance approximately 0.4 acre of jurisdictional wetland adjacent to Coyote Creek

# Aquatic Resource Creation at Ford Rd Perc Pond

## **Background:**

- Valley Water's Ford Road Percolation Pond (Facility No. 9266) is identified as a potential site for successful water and wetland establishment. In April 2025, it was determined that other potential uses were unsuitable, paving the way for it to be considered as a mitigation site for various projects.
- A reconnaissance assessment found up to five acres of aquatic resources could be created here, with minimal constraints. This area, located adjacent to Coyote Creek, has a high likelihood for successful establishment and low long-term maintenance needs.

## **Benefits:**

- (1) Creates valuable aquatic resources for Coyote Creek watershed, addressing multiple program needs.
- (2) Aids in timely permit acquisition for SMP-3, ADSRP, CCFPP, and other projects/programs.
- (3) Enhances habitats with easy access and minimal encroachment risks.
- (4) Supports Valley Water's stewardship mission by contributing to local ecosystems.

## **Projected Milestones / Deliverables:**

- Planning Phase-2027
- Design Phase -2028
- Construction Phase- 2029

# Next Steps: Integrated Financial Planning Schedule

REF #	MEETING		MILESTONE
	CIP CMTE	BOARD	
1	9/29/25		Annual CIP Development Process Overview/Integrated Financial Planning Schedule
2		10/14/25	Annual CIP Development Process Overview/Integrated Financial Planning Schedule
3	10/20/25 		New Initially Validated & Unfunded Projects Presentation
4		11/12/25	Review Proposed Improvements to CIP Prioritization; and New Initially Validated & Unfunded Projects Water Rate Planning Overview Biennial Budget Process Overview
5	12/15/25		Review Significant Project Plan Updates; List of Re-Prioritized Capital Projects; and CIP Preliminary FY 27-31 Five-Year Plan (Financial Modeling & CIP Updates From Adopted FY26-30 Plan) Initiate SCW Public Hearing Process (if required)
6		1/13/26	CIP Preliminary 5-yr Plan Workshop (Financial Modeling & Significant Updates); Board to Provide Direction CIP SCW/WS Preliminary 10-yr Financial Analysis Preliminary Water Rate Analysis & Scenarios Set time and place for SCW Public Hearing (if required)
7		1/27/26	Open SCW Public Hearing and Cont. (if required) 1 <sup>st</sup> Pass Budget Update
8		2/10/26	Cont. or Close SCW Public Hearing (if required)
9		2/24/26	Close SCW Public Hearing (if required)
10		3/10/26	2 <sup>nd</sup> Pass Budget Update Draft CIP (Authorize to Distribute for Public Review)
11		4/14/26	Ground Water Charge Public Hearings Begin
12		4/16/26	Ground Water Charge Public Hearing in South County (Gilroy)
13		4/28/26	Ground Water Charge Public Hearings Close CIP Public Hearing Begins
14		4/29/26	Budget Work-study Session CIP Public Hearing Continues
15		5/12/26	Close CIP Public Hearing Board Adoption of Water Rates, CIP, Budget, Investment and Debt Resolutions (w/Final CIP and Budget Reports by 6/30/2025)

## LEGEND

CIP
Budget
Water Rates
Safe Clean Water (SCW)

# CIP Five-Year Plan Available Online

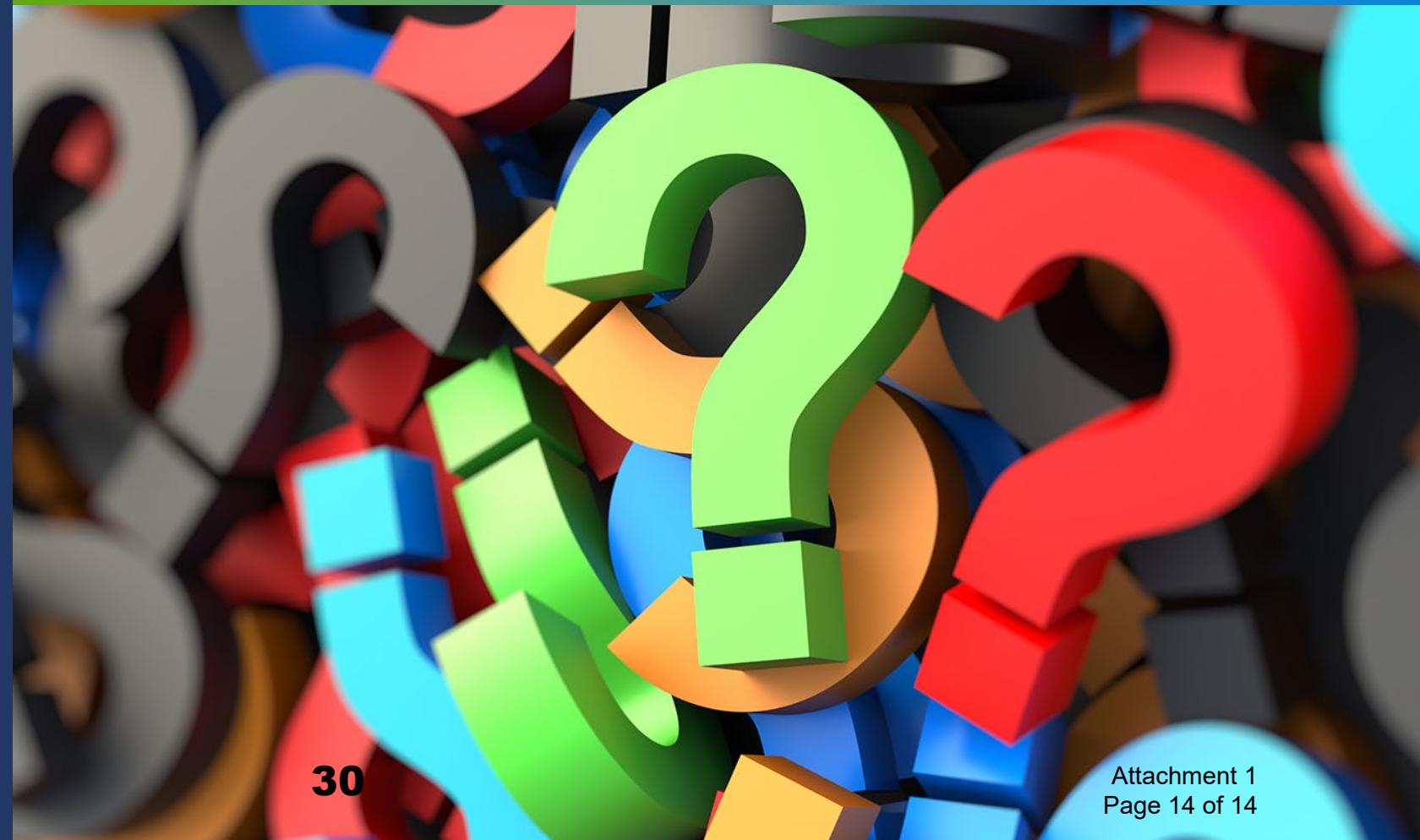
SCAN THE QR CODE:



Or visit this website:  
[delivr.com/24wqn](https://delivr.com/24wqn)

# END OF PRESENTATION

## Questions & Answers





# Santa Clara Valley Water District

File No.: 25-0720

Agenda Date: 10/20/2025

Item No.: 4.2.

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## COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes  No   
(If "YES" Complete Attachment A - Gov. Code § 84308)

### **SUBJECT:**

Receive Information on the Calero Dam Seismic Retrofit - Design & Construction Project, Project No. 91874004, (San Jose, Unincorporated Santa Clara County) (District 1, District 7) and Guadalupe Dam Seismic Retrofit - Design & Construction Project, Project No. 91894002, (San Jose) (District 7).

### **RECOMMENDATION:**

Receive Information on the Calero Dam Seismic Retrofit - Design & Construction Project, Project No. 91874004, (San Jose, Unincorporated Santa Clara County) (District 1, District 7) and Guadalupe Dam Seismic Retrofit - Design & Construction Project, Project No. 91894002, (San Jose) (District 7).

### **SUMMARY:**

Valley Water owns and operates twelve jurisdictional dams and ten reservoirs in Santa Clara County. Dam safety regulatory requirements, Board policies, and obligations due to dam ownership set direction for the Dam Safety Program (Program). Staff provided the Capital Improvement Program (CIP) Committee with an update on the Program strategy and master schedule for the construction of projects at Valley Water's dams in June 2024. On February 18, 2025, the CIP Committee requested that staff provide a detailed update on the Calero and Guadalupe Dam Seismic Retrofit projects.

### ***Calero Dam Seismic Retrofit Project***

#### Dam History and Seismic Concerns

Calero Dam is an earth-fill dam constructed in 1935. The existing 9,934 acre-feet-capacity reservoir stores watershed runoff, imported water, and diverted water from Almaden Reservoir through the Almaden-Calero Canal.

A 2012 study determined that the dam embankment would fail during an earthquake of 7.9 magnitude or greater. Alluvium, a material that consists of gravel and sand, exists under the downstream portion of the embankment and could liquify during a major earthquake. Currently, the dam operates at a water level 19 feet below the spillway crest, which reduces the reservoir's allowed storage to 46 percent of total capacity, or approximately 4,570 acre-feet. To address the

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seismic risk, Valley Water plans to reconstruct and thicken a portion of the dam embankment.

Calero Reservoir is also held back by Fellows Dike, which is located southeast of the main dam. It is approximately 1,900 feet long and was constructed to protect private property adjacent to the dam site from inundation. This property, owned by Valley Water, includes a former ranch house that is a designated historical structure and additional buildings. In 1998, the California Department of Water Resources, Department of Safety of Dams (DSOD) imposed an operational restriction on the dike that no water be stored against the dike until identified deficiencies were resolved. Following a study in 2001, the reservoir was operated with a water level restriction imposed due to seismic deficiencies of Fellows Dike. The planning phase to address these deficiencies was completed in 2010. The planning study recommended breaching Fellows Dike to address the seismic concerns, which would result in a partial removal of the dike and inundation of Valley Water property.

### Project Acceleration

In 2023, DSOD requested that Valley Water accelerate the project schedule and complete the Calero Dam Seismic Retrofit Project (CDSRP) design by July 1, 2026. To balance construction needs with environmental responsibilities, Valley Water is planning for a phased construction strategy that would reduce the need for full reservoir drawdown and allow for maintaining water in Calero Creek for environmental benefits.

Valley Water staff, with the support of design and environmental consultants, is planning and designing separate packages - Package A and Package B - to create a two-phase construction approach. This will allow Valley Water to meet the proposed schedule and retain water in the reservoir during Package A construction.

### Consultant Services Overview

Stantec Consulting Services Inc. (Stantec) has been contracted to perform Design Consulting Services for the project under Agreement No. A4980A, awarded in February 2024, with a not-to-exceed (NTE) fee of \$12,643,198. GEI Consultants, Inc. (GEI) is providing Environmental Services under Agreement No. A3675A, awarded in August 2013, with a current NTE of \$8,929,811 and a proposed NTE of \$14,818,434 via a future amendment pending Board approval. This contract for Environmental Services supports both CDSRP and GDSRP. Black & Veatch has been providing Project Management Services under Agreement No. A3555A since June 2014, with a current NTE fee of \$1,620,247. Attachment 1 summarizes the consultants retained to support CDSRP design and permitting, as well as the history of the consultant agreements.

### Project Components

#### *Package A - Dam Safety & Spillway Improvements*

- Dam Embankment Retrofit: Partial removal of the downstream embankment to eliminate liquefiable alluvium, followed by reconstruction with a modern filter and drain system and a

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stabilizing buttress. The crests of the Main and Auxiliary Dams will be raised up to four feet to safely accommodate the updated Probable Maximum Flood.

- Spillway Replacement: Construction of a new concrete spillway designed to meet current engineering standards and dam safety requirements.
- Fellows Dike Breach: Excavation of an approximately 100-foot-wide breach in the dike and placement of rock slope protection.
- Building Relocation and Demolition: Careful relocation of the historic Bailey House and demolition of remaining non-historic ranch structures in the Fellows Dike breach inundation area.

*Package B - Outlet Works Improvements*

- Multi-Level Intake: Construction of a new intake structure on the left abutment with multiple operating levels, enabling controlled releases across a broad range of reservoir elevations.
- Tunnels Outlet Works: Excavation and construction of fully accessible conduits connecting hydraulically to the Almaden Valley Pipeline, designed for safe operation, inspection, and maintenance.
- Decommissioning: Abandonment of the existing outlet works by backfilling and grouting conduits to eliminate seepage and ensure long-term stability.

CDSRP Status

The Planning Study Report for CDSRP is complete. Staff, with support from Stantec and GEI, is progressing through project design and permitting phases. Stantec recently completed the preparation of the 50% design documentation for Package A, which includes plans, specifications, and a preliminary project cost estimate. Valley Water staff is currently reviewing these documents. Work has also begun on the Design Technical Memoranda and Basis of Design documentation for Package B.

Preparation of the environmental documentation is underway, and the Draft Environmental Impact Report (EIR) is expected to be released for public review in early 2026. Consultation with the regulatory agencies for permits has also commenced. Key CDSRP milestones are shown in the

table below.

Table 1: Upcoming Project Milestones

Milestone	Package A	Package B
90% design complete	April 2026	October 2027
Design complete	January 2027	June 2028
Construction begins	April 2028	January 2033 <sup>1</sup>
Construction ends	June 2031	April 2035

<sup>1</sup>Assumes Package B construction can only commence once the construction of the Anderson Dam Seismic Retrofit Project is complete

### Financials

Fiscal Year	Labor*	Non - Labor	Total
FY 2015	\$ 64,294	\$ -	\$ 64,294
FY 2016	\$ 224,192	\$ 228,734	\$ 452,927
FY 2017	\$ 305,474	\$ 2,024,283	\$ 2,329,757
FY 2018	\$ 297,936	\$ 4,845,496	\$ 5,143,432
FY 2019	\$ 289,847	\$ 1,474,517	\$ 1,764,363
FY 2020	\$ 185,710	\$ 216,116	\$ 401,826
FY 2021	\$ 36,521	\$ 704,784	\$ 741,305
FY 2022	\$ 4,056	\$ -	\$ 4,056
FY 2023	\$ 148,174	\$ 6,565	\$ 154,739
FY 2024	\$ 376,116	\$ 834,333	\$ 1,210,449
FY 2025	\$ 641,530	\$ 3,864,572	\$ 4,506,103
<b>Total</b>	<b>\$ 2,573,850</b>	<b>\$ 14,199,400</b>	<b>\$ 16,773,250</b>

\*Includes salaries, benefits and overhead

### ***Guadalupe Dam Seismic Retrofit Project***

#### Dam History and Seismic Concerns

Guadalupe Dam is an earthen-fill dam built in 1936. The reservoir has a capacity of 3,460 acre-feet, and stores watershed runoff in the Almaden Quicksilver County Park area. The impounded water is used for groundwater recharge, incidental flood protection, and environmental flows via Guadalupe Creek.

In August 2009, a Seismic Stability Study by URS Corporation found that the dam's downstream slopes could become unstable during a major earthquake. As a safety measure, Valley Water and DSOD imposed a 65% capacity reservoir restriction - maintaining water levels at least 18 feet

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below the spillway crest.

### Project Acceleration

Construction planning for the Guadalupe Dam Seismic Retrofit Project (GDSRP) originally assumed full drawdown of the reservoir to dead pool levels, potentially halting all downstream flows for the three-year construction period. To balance construction needs with environmental responsibilities, Valley Water is planning a phased construction strategy that reduces the duration for a full drawdown, allowing water to be maintained in Guadalupe Creek for environmental benefits.

Valley Water staff, with consultant support, is developing two design packages - Package A and Package B - to implement this two-phased construction approach. This strategy will accelerate the GDSRP schedule while retaining water in the reservoir during construction of Package A.

### Consultant Services Overview

GEI has been contracted to perform Design Consulting Services under Agreement No. A4391A, awarded in March 2016, with a current NTE fee of \$13,934,848. GEI has also been contracted to perform Environmental Services for the project under Agreement No. A3675A, awarded in August 2013, with a current NTE of \$8,929,811 and a proposed NTE of \$14,818,434, via a future amendment pending Board approval. This contract for Environmental Services supports both CDSRP and GDSRP. Black & Veatch has been providing Project Management Services under Agreement No. A3555A since June 2014, with a current NTE fee of \$1,965,115. Attachment 1 summarizes the consultants retained to support GDSRP design and permitting, as well as the history of the consultant agreements.

### Project Components

#### *Package A - Dam Safety & Spillway Improvements*

- Embankment Retrofit: Construction of a downstream buttress with a new filter and drain system, limited excavation of the downstream shell, removal of the parapet wall, and 4-foot crest raise to increase stability.
- Spillway Replacement: Construction of a new concrete spillway designed to meet current engineering standards, with a ~100-foot extension of the side channel crest to safely pass the updated Probable Maximum Flood.
- Interim Intake Strengthening: Seismic risk-reduction modifications to the existing intake structure until potential replacement under Package B.
- Access Enhancements: Construction of a new bridge across the spillway from Hicks Road, roadway realignment for crest access, and replacement of the low-water crossing over

Guadalupe Creek for improved downstream access.

*Package B - Outlet Works Improvements*

- Multi-Level Intake: Construction of a new intake structure on the left abutment with multi-level operating capacity for flexible reservoir management.
- Tunnelle Outlet Works: Excavation and construction of a new tunnel outlet system discharging directly into Guadalupe Creek.
- Decommissioning: Abandonment of the existing outlet works by backfilling and grouting to prevent seepage and secure long-term stability.

GDSRP Status

The Planning Study Report for GDSRP is complete. GEI and Valley Water staff are progressing through project design phase. GEI recently completed the preparation of the 60% design documentation for Package A, which includes plans, specifications, and a preliminary project cost estimate. Valley Water staff is currently reviewing these documents while GEI prepares 90% design documentation for Package A and Design Technical Memoranda and Basis of Design documentation for Package B.

Preparation of the environmental documentation is scheduled to begin in fall 2025, with consultations with regulatory agencies planned for 2026. The Draft EIR is expected to be released for public review by the end of 2026. Key GDSRP milestones are shown in Table 2 below.

Table 2: Upcoming Project Milestones

Milestone	Package A	Package B
90% Design Complete	October 2026	March 2028
Design Completion	December 2027	June 2028
Construction Begins	April 2029	July 2032
Construction Ends	June 3031	June 2034

Financials

	<b>Labor*</b>	<b>Non - Labor</b>	<b>Total</b>
<b>FY 2015</b>	\$ 2,173	\$ -	\$ 2,173
<b>FY 2016</b>	\$ 233,687	\$ 181,896	\$ 415,583
<b>FY 2017</b>	\$ 263,331	\$ 2,426,508	\$ 2,689,838
<b>FY 2018</b>	\$ 274,933	\$ 2,793,519	\$ 3,068,452
<b>FY 2019</b>	\$ 260,638	\$ 392,766	\$ 653,404
<b>FY 2020</b>	\$ 198,820	\$ 635,673	\$ 834,492
<b>FY 2021</b>	\$ 35,119	\$ 808,816	\$ 843,934
<b>FY 2022</b>	\$ 51,856	\$ 91,567	\$ 143,423
<b>FY 2023</b>	\$ 104,249	\$ 48,284	\$ 152,533
<b>FY 2024</b>	\$ 241,011	\$ 145,122	\$ 386,133
<b>FY 2025</b>	\$ 210,365	\$ 184,455	\$ 394,820
<b>Total</b>	<b>\$ 1,876,181</b>	<b>\$ 7,708,605</b>	<b>\$ 9,584,786</b>

\*Includes salaries, benefits and overhead

#### **ENVIRONMENTAL JUSTICE IMPACT:**

There is no environmental justice impacts associated with this informational report. However, individual projects within the Dam Safety Program may have environmental justice impacts which will be separately assessed as items are presented for Board consideration.

#### **ATTACHMENTS:**

Attachment 1: Consultant Contract Charts

Attachment 2: PowerPoint

#### **UNCLASSIFIED MANAGER:**

Andrew Garcia, 408-630-2817

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# Calero Dam Seismic Retrofit Design & Construction

(91874004)



PROJECT MANAGEMENT

Black & Veatch

DESIGN/ENGINEERING SUPPORT  
Stantec Consulting Services Inc.

ENVIRONMENTAL SERVICES  
GEI Consultants Inc.

CONSTRUCTION MANAGEMENT  
TBD

CONSTRUCTION  
TBD

## PROJECT MANAGEMENT

Consultant	Total Amount Authorized	Total Amount Expended (As of 7/2025)
Black & Veatch	\$1,620,247.00	\$1,056,111.08
Agreement: A3555A		

## DESIGN/ENGINEERING SUPPORT

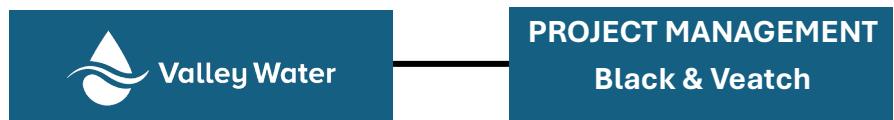
Consultant	Total Amount Authorized	Total Amount Expended (As of 7/2025)
Stantec Consulting Services, Inc.	\$12,643,198.00	\$5,561,656.23
Agreement: A4980A		

## ENVIRONMENTAL SERVICES\*

Consultant	Total Amount Authorized	Total Amount Expended (As of 6/2025)
GEI Consultants Inc.	\$8,929,811.00	\$6,759,536.45
Agreement: A3675A		

\*This agreement was executed under the Calero and Guadalupe Dams Seismic Retrofits Project – Planning Project (91084020).

# Guadalupe Dam Seismic Retrofit Design & Construction (91894002)



## PROJECT MANAGEMENT

Consultant	Total Amount Authorized	Total Amount Expended (As of 7/2025)
Black & Veatch	\$1,965,115.00	\$955,599.83
Agreement: A3555A		

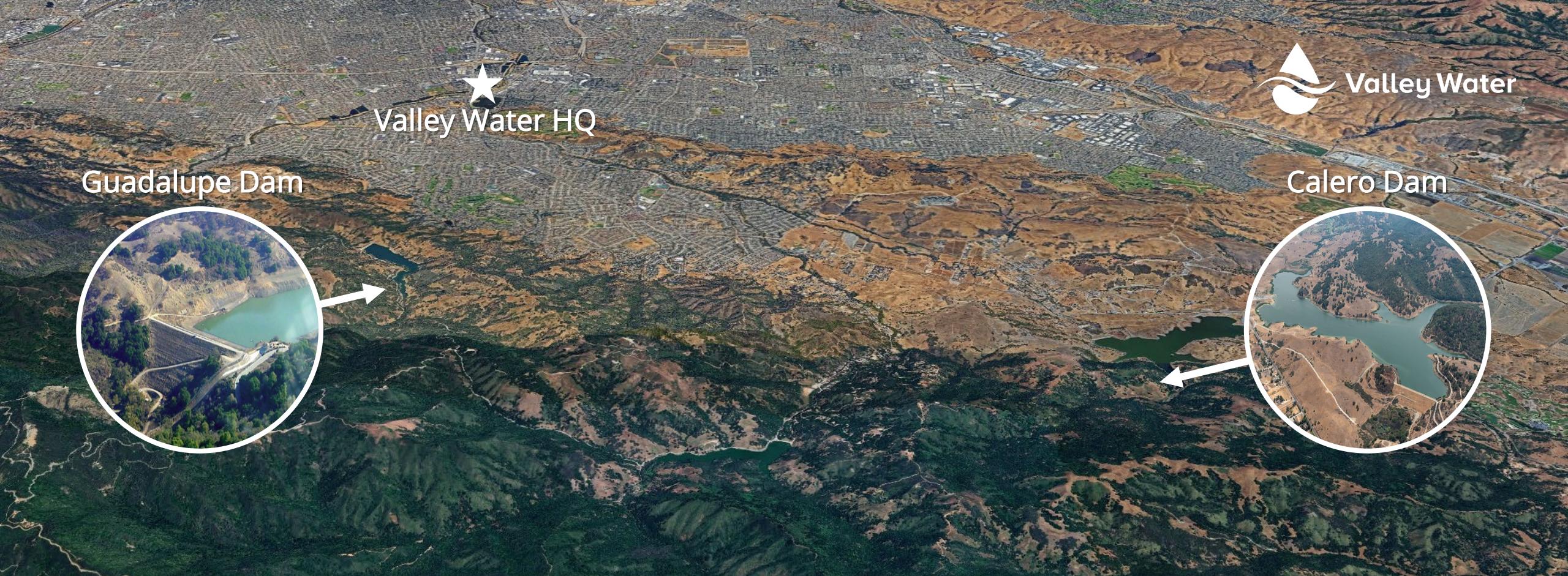
## DESIGN/ENGINEERING SUPPORT

Consultant	Total Amount Authorized	Total Amount Expended (As of 8/2025)
GEI Consultants Inc.	\$13,934,848.00	\$6,759,406.81
Agreement: A3941A		

## ENVIRONMENTAL SERVICES\*

Consultant	Total Amount Authorized	Total Amount Expended (As of 7/2025)
GEI Consultants Inc.	\$8,929,811.00	\$6,759,536.45
Agreement: A3675A		

\*This agreement was executed under the Calero and Guadalupe Dams Seismic Retrofits Project – Planning Project (91084020).



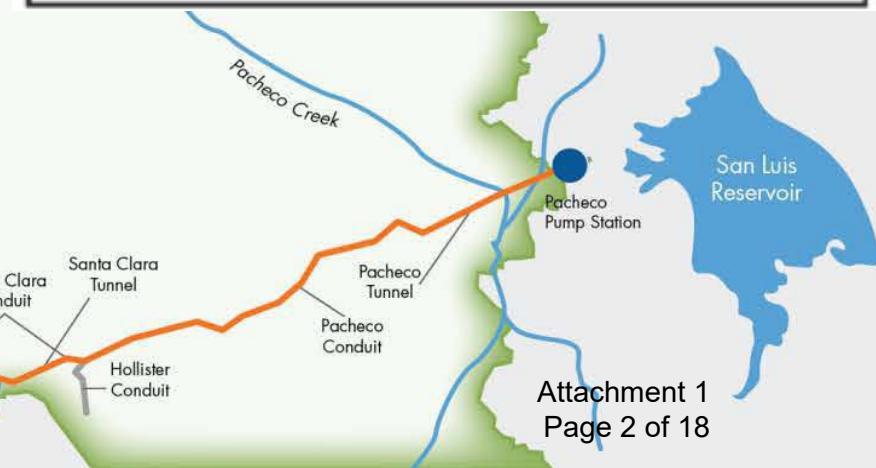
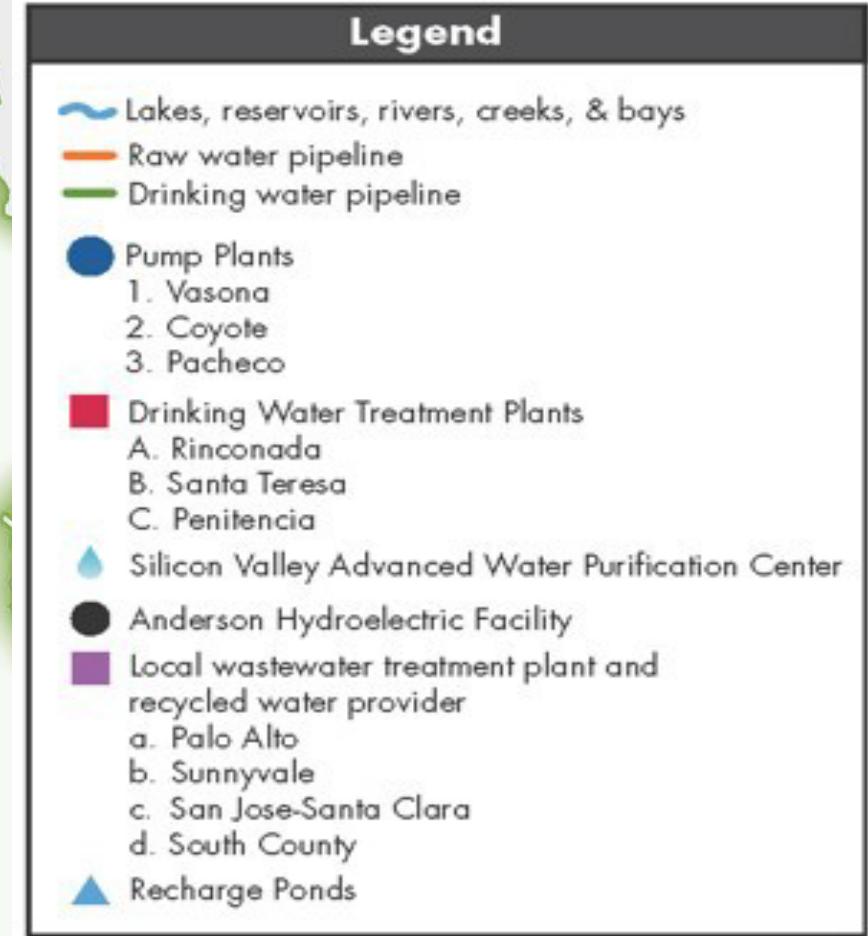
# Calero and Guadalupe Dams Seismic Retrofit Projects CIP Update

Presented to the Capital Improvement Program Committee by: Andrew Garcia, P.E.  
October 20, 2025



- **10 reservoirs (dams)**
- **3 pump stations**
- **142 miles of pipelines**
- **3 water treatment plants**
- **1 water purification center**
- **277 acres of recharge ponds**

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# Dam Safety Projects in the Guadalupe Watershed - Progress Update



Calero Dam Seismic Retrofit Project



Guadalupe Dam Seismic Retrofit Project

# Calero Dam

## Key Features

- Built in 1935
- 98 feet tall
- 840 feet in length
- 10,000 acre-feet capacity
- Restriction: 46% Capacity

## Seismic Retrofits, Spillway, and Outlet Works Improvements

- Estimated Design & Construction Cost \$162 million



# Calero Dam Seismic Retrofit Project Objectives

## First Phase (Package A)

- **Earthquake Safety:** Stabilize dam for maximum credible earthquake.
- **Spillway Improvements:** New spillway to pass probable maximum flood.
- **Historic Structure Relocation:** Move Bailey House and breach Fellow's Dike.
- **Safety Enhancements:** Incorporate other measures to address seismic and safety issues.

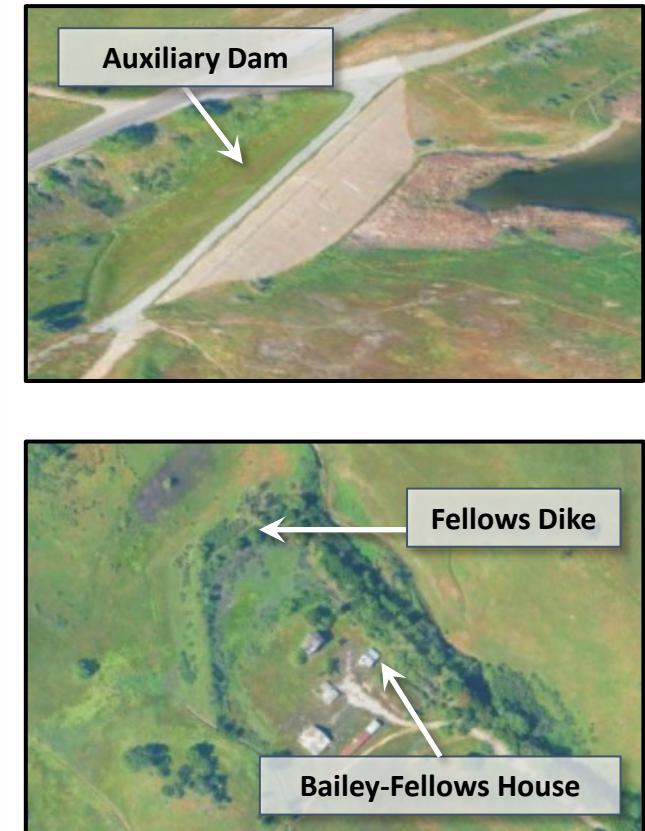
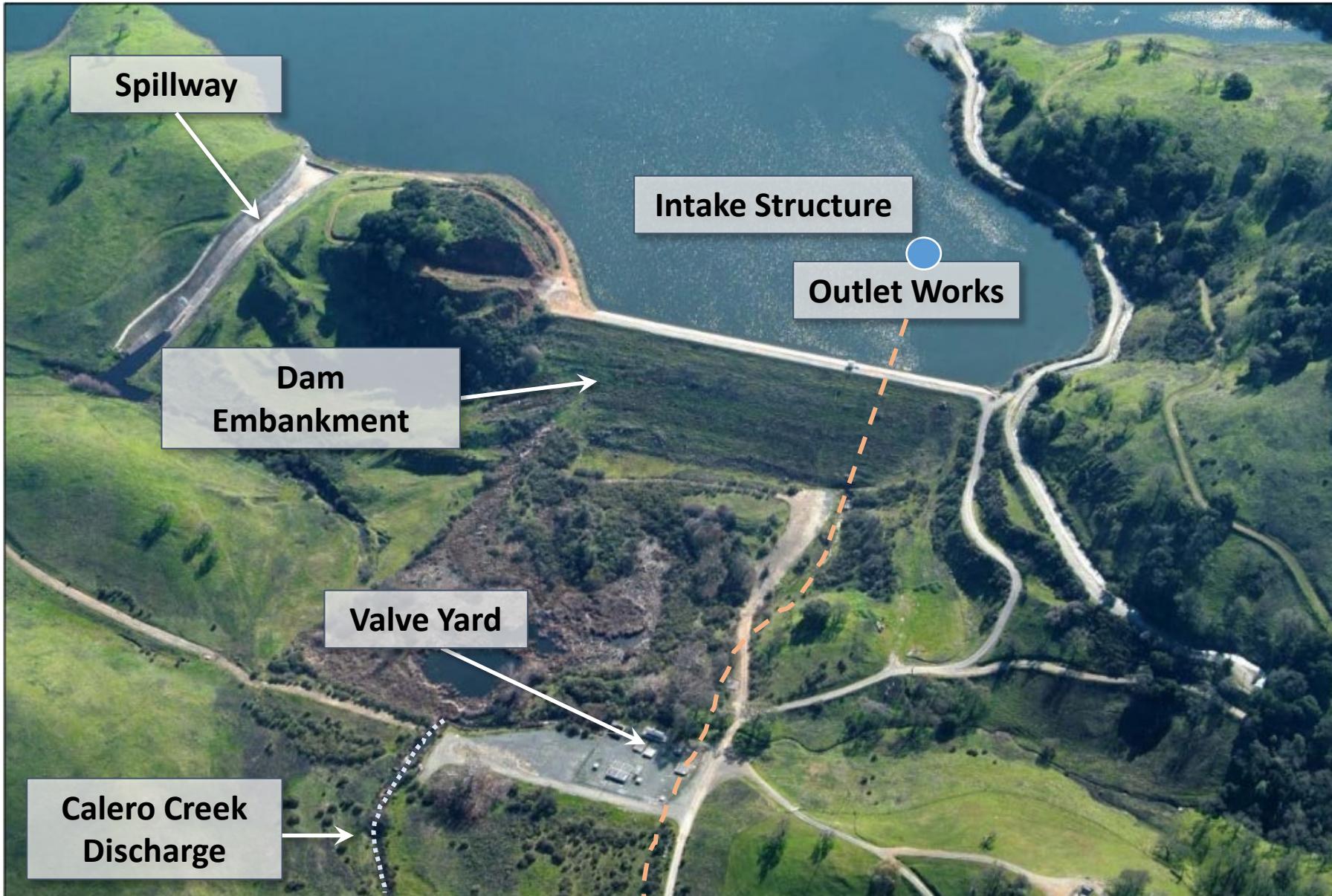
## Second Phase (Package B)

- **System Upgrades:** Replace outlet works with intake/tunnel system.

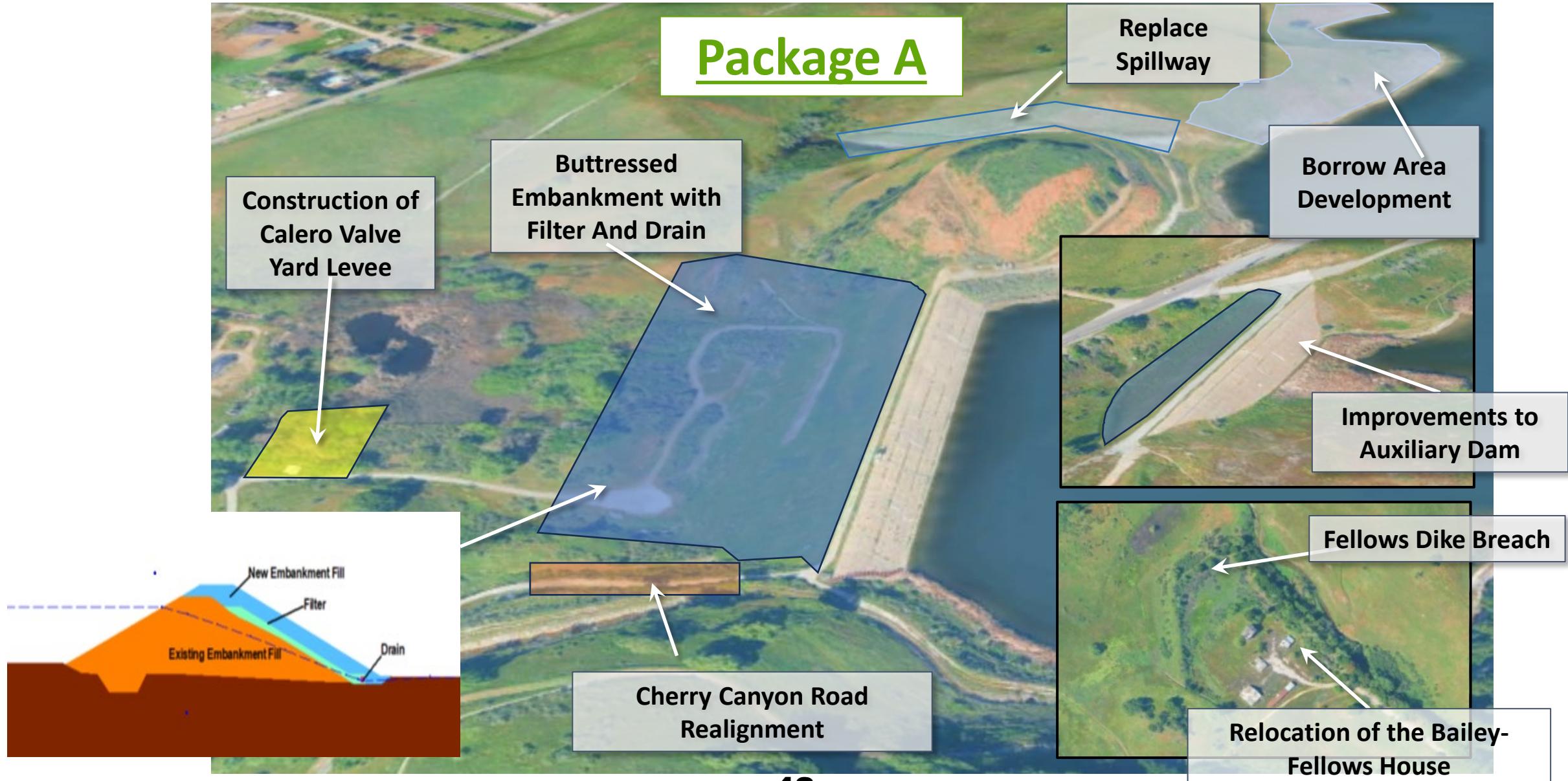
# Calero Dam Seismic Retrofit Project Components



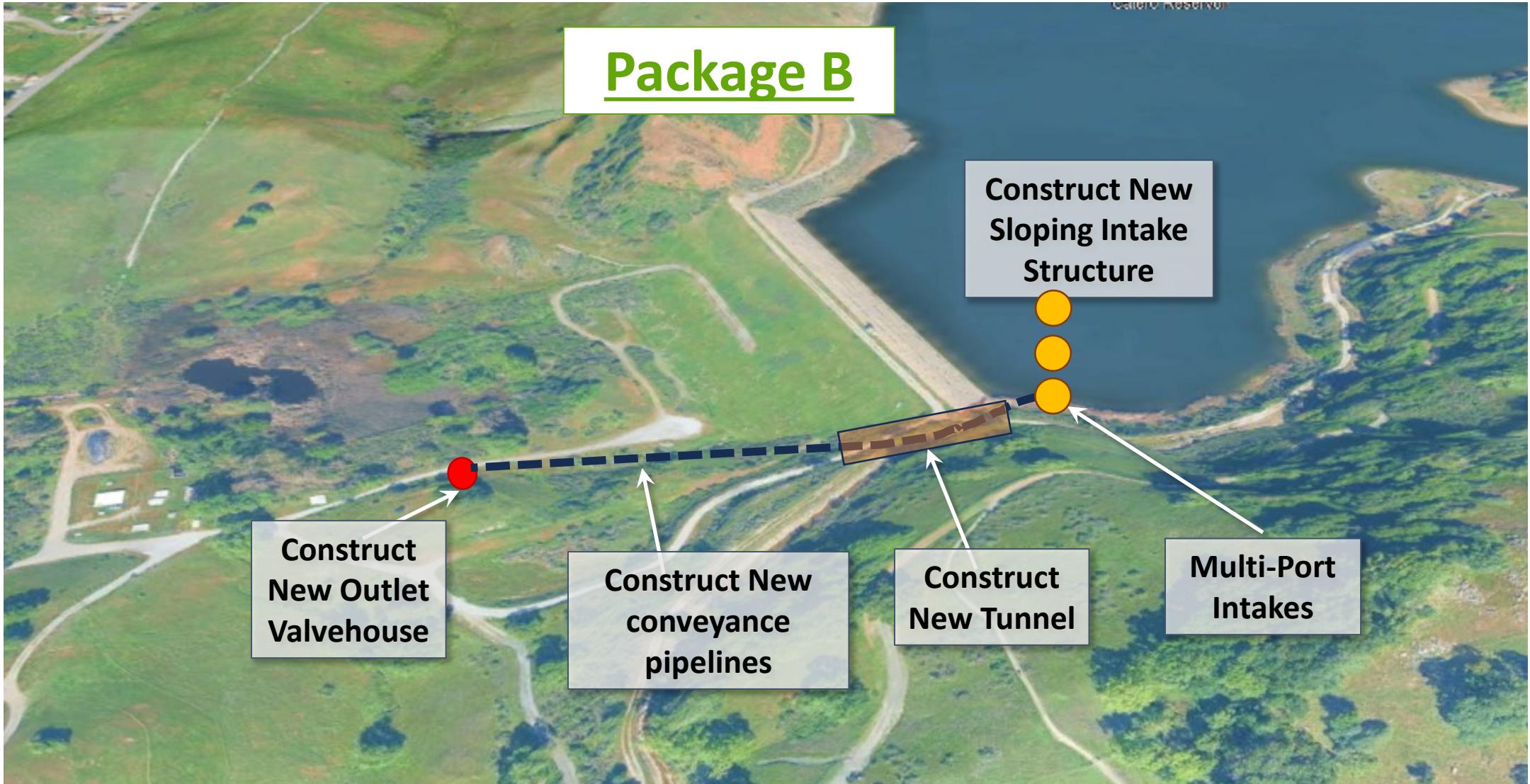
# Calero Dam Existing Components



# Calero Dam Seismic Retrofit Project Components



# Calero Dam Seismic Retrofit Project Components



# Calero Dam Seismic Retrofit Project Status

- Planning Phase Completed
- Project Design for Package A
  - Embankment/Spillway 50% design documentation has been completed
- Project Design for Package B
  - Technical Memoranda and Basis of Design Documentation have been initiated
- Environmental Documentation Preparation Underway
  - Planning for Draft EIR release for public review in early 2026
- Construction Start (Package A) - Spring 2028

# Guadalupe Dam

## Key Features

- Built in 1936
- 129 feet tall
- 650 feet length
- 3,415 acre-feet capacity
- Restriction: 65% capacity

## Seismic Retrofits, Spillway, and Outlet Works Improvements

- Estimated Cost Design and Construction \$140 million



# Guadalupe Dam Project Objectives

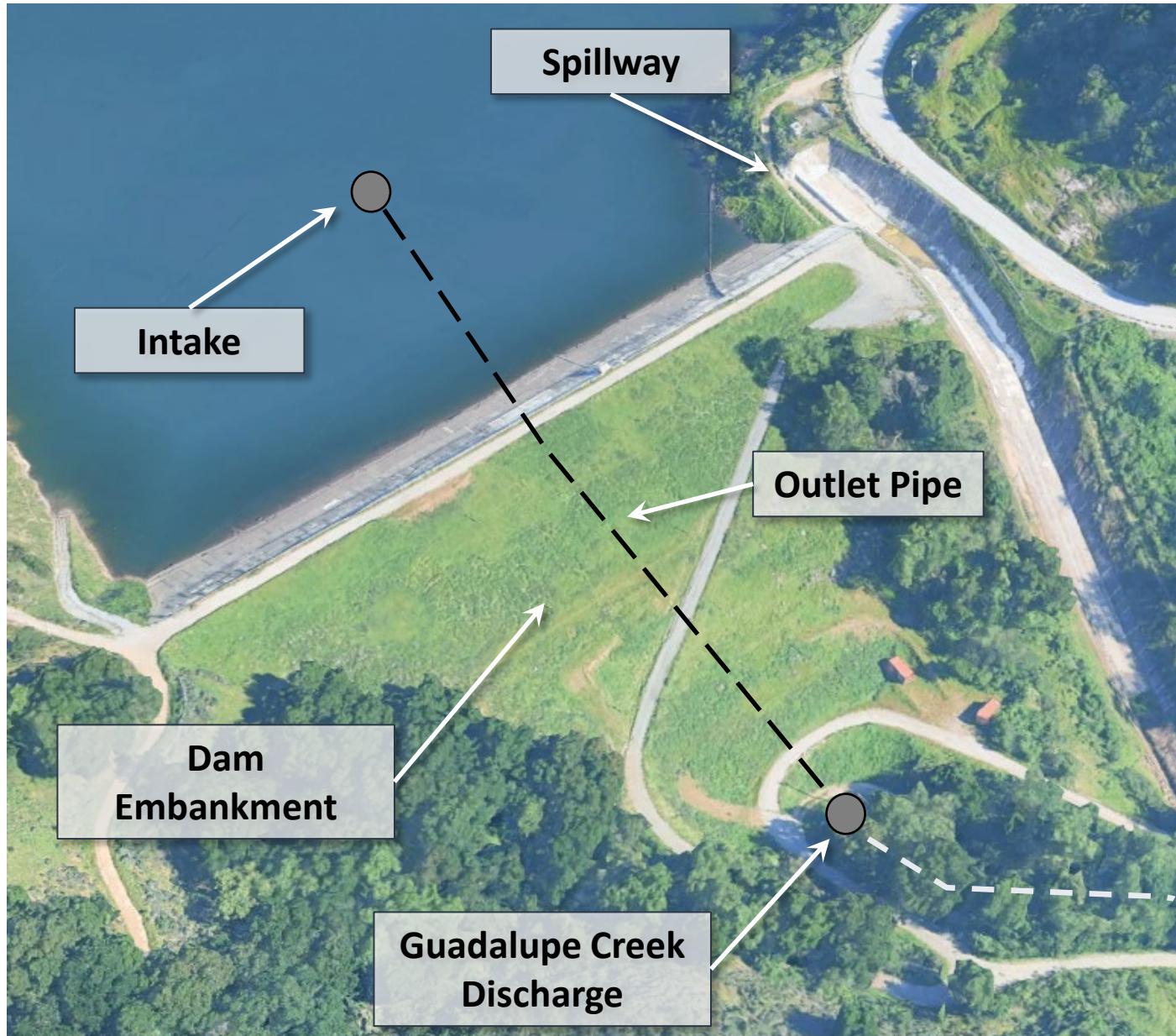
## First Phase (Package A)

- **Earthquake Safety:** Stabilize the dam for the maximum credible earthquake.
- **Spillway Improvements:** New spillway to pass probable maximum flood.
- **Existing Intake Rehabilitation:** Reinforce the existing Intake Tower against seismic movement

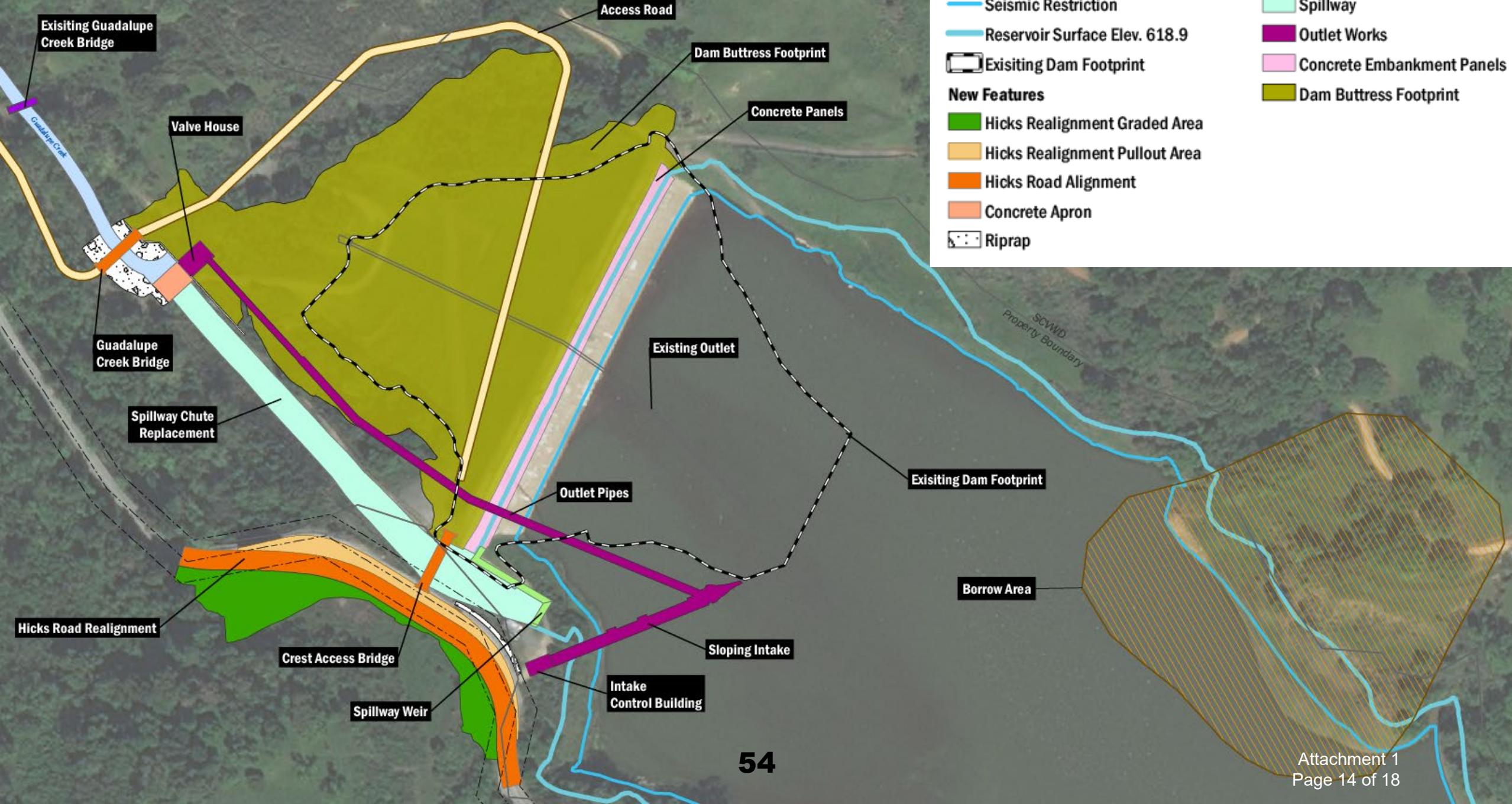
## Second Phase (Package B)

- **System Upgrades:** Replace outlet works with intake/tunnel system.
- **Safety Enhancements:** Incorporate other measures to address seismic and safety issues.

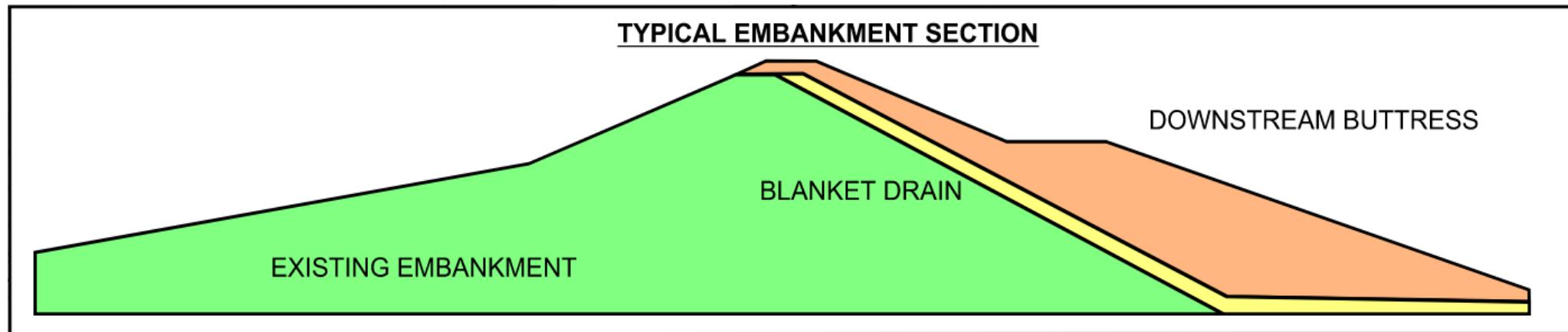
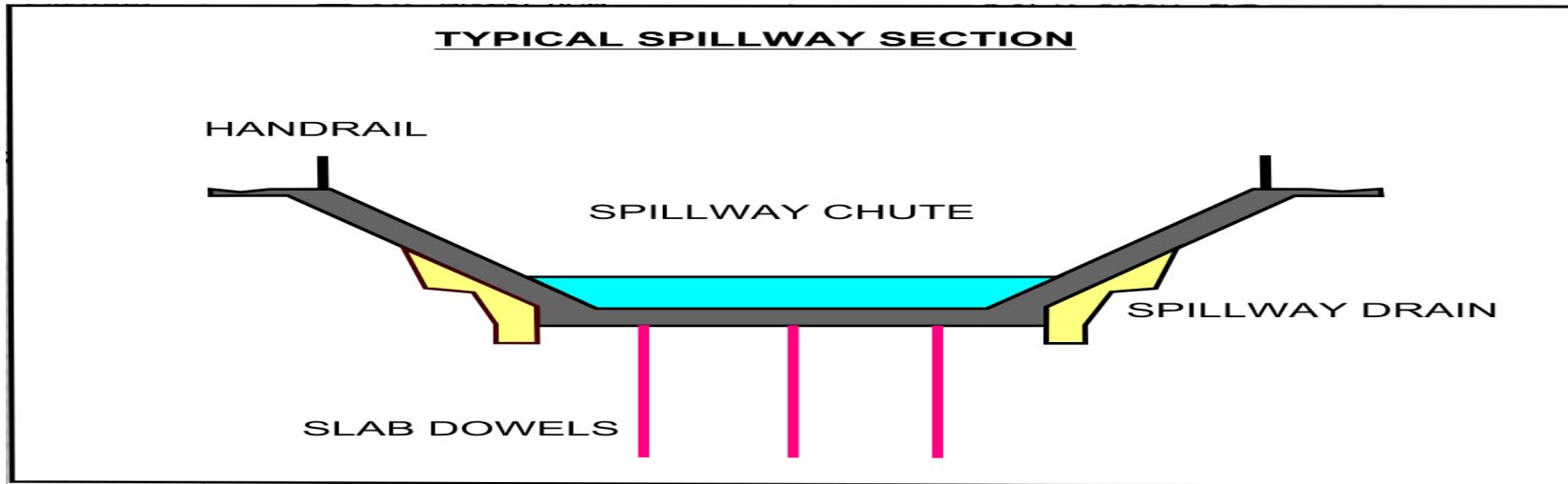
# Guadalupe Dam Existing Components



# Guadalupe Dam Seismic Retrofit Project Components



# Guadalupe Dam Project Components



# Guadalupe Dam Seismic Retrofit Project Status

- Planning Phase Completed
- Project Design for Package A
  - Rehabilitation of Existing Intake Structure: 60% design completed
  - 90% design documentation preparation underway
- Project Design for Package B
  - Technical Memoranda and Basis of Design Documentation have been initiated
  - Planning for Draft EIR release for public review in winter 2026
- Construction Start (Package A) - Spring 2029

# Dam Schedules

Project	Phase	Proposed Schedule
<b>Calero Dam Seismic Retrofit Project</b>	Planning - Environmental & Permitting	Ongoing - April/2028
	Draft Environmental Impact Report	Early 2026
	Design Package A	Ongoing - January/2027
	Design Package B	Ongoing - June/2028
	Construction - Package A	April/2028 - June /2031
	Construction - Package B	January/2033 - April /2035
<b>Guadalupe Dam Seismic Retrofit Project</b>	Planning - Environmental & Permitting	Ongoing - April/2029
	Draft Environmental Impact Report	Winter 2026
	Design Package A	Ongoing - December/2027
	Design Package B	Ongoing - June/2028
	Construction - Package A	April/2029 - June /2031
	Construction - Package B	July/2032 - June/2034

# Questions





# Santa Clara Valley Water District

File No.: 25-0711

Agenda Date: 10/20/2025

Item No.: 4.3.

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## COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes  No   
(If "YES" Complete Attachment A - Gov. Code § 84308)

### **SUBJECT:**

Receive and Discuss Information Regarding the Status of Capital Projects in the Feasibility and Planning Phase.

### **RECOMMENDATION:**

Receive and discuss information regarding the status of capital projects in the feasibility and planning phase.

### **SUMMARY:**

The Capital Improvement Committee's (CIP) 2025 Workplan includes monitoring of capital projects during all phases of delivery. Staff will prepare a list of active projects to submit to the Committee each month and will provide detailed information on those where potential and/or significant issues have been identified. The projects presented for discussion will be organized by phases: feasibility/planning, design/permitting, and construction. Staff will present projects to the CIP Committee for review, one phase at a time. Projects currently in the feasibility/planning phase are being presented this month.

Attachment 1 is a list of projects in the feasibility/planning phase. A verbal report will be provided at the meeting with more detailed information about recent developments, as requested by the Committee.

### **ENVIRONMENTAL JUSTICE IMPACT:**

There are no environmental justice impacts associated with this item.

### **ATTACHMENTS:**

Attachment 1: Feasibility and Planning Report

### **UNCLASSIFIED MANAGER:**

Ryan McCarter, 408-630-2983  
Kirsten Struve, 408-630-3138  
Luz Penilla, 408-630-2228  
Emmanuel Aryee, 408-630-3074  
Bhavani Yerrapotu, 408-630-2735  
Lisa Bankosh, 408-630-2618  
Tony Ndah, 408-630-2208

## Capital Project Monitoring Report – October 2025

Feasibility and Planning Phase				
Row	Project No.	Project Name	Notes, Upcoming Board Actions, or potential issues	Deputy's Initials
<b><u>Water Supply</u></b>				
1	91084019	Dam Seismic Stability Evaluations	<p>The Division of Safety of Dams (DSOD) received the Coyote Dam seismic stability assessment in July 2024. The Coyote Dam Preliminary Remedial Alternatives Report was reviewed and discussed, and the final report is expected by the end of 2025. The Uvas Dam seismic assessment technical memorandum, which concluded that no additional studies are needed, was submitted to DSOD in March 2025 for review. The Chesbro Dam evaluations had been expected to be completed by July 2025; however, to optimize the parameters, the consultant is preparing a supplementary field investigation to finalize the evaluation. This requirement will extend the report completion to the end of 2026. DSOD has completed its review of spillway evaluations for Lenihan and Stevens Creek Dams. These evaluations will support the project team's ongoing planning efforts, including the analysis of various alternatives.</p>	RM
2	91294001	Pure Water Silicon Valley	<p>Staff is procuring a design consultant to design the Direct Potable Reuse Demonstration Facility, with proposals due in September 2025. Staff is working with regulators to develop the testing plan for the demonstration facility, which will lead to permitting of a future full-scale facility.</p>	KS
3	93044001	Water Treatment Plant (WTP) Master Plan Implementation Project	<p>Staff completed several key efforts across treatment plant assessments, optimization studies, planning, and capital project preparation. At the Rinconada Water Treatment Plant (RWTP), a concrete assessment was performed to look at potential deterioration risks and provide recommendations for repair. A filter study was done at the Penitencia (PWTP) and Santa Teresa Water Treatment Plants (STWTP) to evaluate additional options for manganese removal. Planning and environmental documentation continue to advance, with the Program Environmental Impact Report (PEIR) scheduled for summer 2026.</p>	LP
4	95044001	Distribution System Master Plan Implementation Project	<p>The first recommended capital project from the plan, for STWTP, is being proposed for the FY27 Capital Improvement Program (CIP). Further details will be presented at the February 2026 CIP Committee Meeting.</p> <p>Staff have prepared a draft Pipeline Evaluation and Asset Management Strategy Technical Memorandum (TM), which is currently under peer review for accuracy and completeness. This TM marks a key early milestone in assessing the condition, reliability, and capacity of Valley Water's raw water and treated water pipelines. The findings will help identify areas for focused investigation, inform long-term asset management strategies, and support the development of the Problem Definition Report, which is expected by the end of this year.</p>	LP
5	95044002	SCADA Master Plan Implementation Project	<p>Staff continues work on the Pump Station Evaluation TM, which assesses the condition and performance of key pump station assets across the distribution system. Completion of this TM is targeted for the end of 2025 and will inform both capital planning and future maintenance strategies.</p> <p>Staff continues to work on transitioning the planning work for the two early implementation projects, SCADA remote communications and the raw water alternate control center, to Engineering and IT for integration into ongoing system improvement work.</p>	LP
<p>Staff is working with Procurement to finalize the approach for selecting a standardized SCADA platform through the master plan. This is needed to develop the design and programming implementation standards for the SCADA upgrade projects recommended by the plan.</p>				

6	93764004	Santa Teresa WTP Ammonia Injection Relocation and Clearwell Bypass Pipe Isolation Project	Staff completed the Planning Study Report (PSR) in July 2025 with recommendations to improve isolation and enhance mixing of aqueous ammonia within the clearwell. The project is transitioning to the design phase.	EA
7	93764004	Penitencia WTP Clearwell Roof Improvement Project	Staff is currently working on the Planning Study Report, which is anticipated to be completed in November 2025.	EA
<b><u>Flood Protection</u></b>				
8	26444002 26444004	San Francisco Bay Shoreline (E7) – Phase II and Phase III	<p>The US Army Corps of Engineers (USACE) concluded the Phase II study after finding that the study area is not predicted to experience flood damage significant enough to justify federal investment. Valley Water continues to engage with the cities of Mountain View and Palo Alto on other paths to provide shoreline and Sea level rise protection in this area..</p> <p>USACE has proposed a Phase III Study (Study) schedule of eight years and a budget of \$15.97 million, to be shared 50/50 between Valley Water and USACE, making Valley Water's contribution \$7.885 million. The cost and duration are greater than expected due to the incorporation of engineering investigations into the Study that would typically be done in design, which are expected to result in more realistic project cost estimates. Valley Water staff submitted a Letter of Support for the Study to USACE on December 3, 2024. Approval of the full Study scope, budget and schedule by USACE Headquarters is pending. The USACE project team continues to work on hydraulic, geotechnical, and economic analysis for the Study area while clarifying additional Study requirements recently provided by the Assistant Secretary of the Army, which are applicable to all USACE projects.</p>	BY
9	26284002	San Francisquito Creek – S.F. Bay to Middlefield Road (SCW E5)*	The project is currently being led by the San Francisquito Creek Joint Powers Authority (SFCJPA). Valley Water is one of the five member agencies. The SFCJPA continues to evaluate project alternatives. They have identified Phase 1 improvements, including channel widening and replacing a temporary wooden floodwall; however, specific widening locations are still being determined. Phase 2 improvements have not been identified but are needed to meet the 70-year protection goal. The SFCJPA will provide an update on the project to Valley Water's Board of Directors on October 28, 2025.	BY
<b><u>Water Resources Stewardship</u></b>				
10	26044003	Ogier Ponds Separation from Coyote Creek (SCW D4.2)*	The Staff Recommended Alternative is currently being finalized, including incorporating input from regulators as part of the ADSRP Multi-Agency Working Group. Permission to enter County Parks property was received as part of the Master License Agreement Process, and a geotechnical investigation on Parks and adjacent private properties is underway. Staff are also completing hydraulic modelling and preparing preliminary real estate documents in support of early design of the preferred alternative, which would re-route Coyote Creek through private land south of the ponds. The Planning Study Report and Staff Recommended Alternative will be presented to the CIP Committee in January.	LB
11	26044005	Fish Passage Improvements (Moffett) (SCW D4.3)*	Four feasible alternatives were identified to improve fish passage at the existing Moffett Fish Ladder, an old Denil-style ladder which frequently is impacted by debris. The project team is currently incorporating internal comments and will then present the findings and preliminary Staff Recommended Alternative to external stakeholders including the FAHCE Initialing Parties. The Planning Study is on track for completion by the end of 2025.	LB
12	20444001	Calabazas/San Tomas Aquino Creek-Marsh Connection Project (Planning and Design)	Long-term marsh accretion modeling has been completed and indicates that significant tidal marsh habitat would be created and sustained with this project. Modeling to assess flood risk assessment and potential water quality impacts is currently underway. Modeling results will be included in the Planning Study Report and presented in January to the CIP committee. Since the project's planning and design is being funded in part by a federal grant, Valley Water reviewed the grant terms to confirm the consultant contracts comply with grant terms and conditions. While the contracts are interpreted to comply with grant terms and conditions, the consultant contract with Stillwater is being amended out of caution to further ensure compliance.	LB

## Buildings & IT

13 60204022 Security Upgrades and Enhancements

This project will significantly enhance the overall security of Valley Water facilities by designing and installing a modern technical security system capable of addressing today's security and investigative requirements to counter security threats. The project is being delivered in three phases: the construction contract for Phase 1, which involves fencing replacement, was awarded by the Board of Directors in December 2024 and construction is in progress; Phase 2, focusing on surveillance and access control replacement, is in procurement and staff is evaluating proposals received from this solicitation; and Phase 3, the expansion of the surveillance system, is in the planning phase and will be advanced after the completion of Phase 2 to ensure a seamless progression in enhancing the overall security infrastructure.

TN

\* This project meets the commitments of the voter-approved Safe, Clean Water Program (SCW). For a full description of the SCW benefits and KPIs, please visit [www.valleywater.org](http://www.valleywater.org).

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# Santa Clara Valley Water District

File No.: 25-0712

Agenda Date: 10/20/2025

Item No.: 4.4.

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## COMMITTEE AGENDA MEMORANDUM Capital Improvement Program Committee

Government Code § 84308 Applies: Yes  No   
(If "YES" Complete Attachment A - Gov. Code § 84308)

### **SUBJECT:**

Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

### **RECOMMENDATION:**

Receive information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

### **SUMMARY:**

During the May 17, 2021, Capital Improvement Program (CIP) Committee meeting, staff provided an update on the Anderson Dam Tunnel Project (ADTP) No. 91864006. The Committee requested staff provide monthly change order status updates after construction of the ADTP commences on July 7, 2021.

### **Project Background**

Santa Clara Valley Water District (Valley Water) is undertaking the Anderson Dam Federal Energy Regulatory Commission Order Compliance Project (FOCP) as a result of the February 20, 2020, directive from the Federal Energy Regulatory Commission (FERC) to implement interim risk reduction measures at Anderson Dam. One of those measures is the ADTP.

On April 27, 2021, Valley Water's Board of Directors awarded the construction contract for the ADTP to the top-ranked, best-value proposer, Flatiron Dragados West, Inc. (FDW), in the sum of \$161,140,321 and approved a contingency amount of \$40,000,000 (25% of the contract price). The Board directed staff to discuss delegating authority for contingency expenditures with the CIP Committee. On January 28, 2025, the Board of Directors approved an increase of \$40,000,000 to the construction contract contingency sum, bringing the total construction contract contingency to \$80,000,000.

By unanimous roll call vote at its May 17, 2021, meeting, the Committee approved recommending to the full Board that it consider delegating authority to staff to approve change orders for the ADTP at the amounts stated below and that the CIP Committee receive regular monthly reports with

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information regarding approved change orders, pending change orders, and the cumulative amounts. Valley Water's Board of Directors accepted the CIP Committee recommendations at its regular meeting on May 25, 2021.

### ***Delegated Approval Authority***

Unit Manager: Up to \$100,000  
Assistant Operating Officer: Up to \$250,000  
Deputy Operating Officer: Up to \$500,000  
Assistant Chief Executive Officer: Up to \$2.5 million  
Chief Executive Officer: Up to \$5 million  
Board of Directors: \$5 million and above

### ***Construction Contract Change Orders Status***

There is one new Contract Change Order (CCO No. 57) to present to the CIP Committee. The value of CCO No. 57 results in a net credit of <\$530,000.00>. Two attachments, providing information on construction contract change orders (Attachment 1) and construction contract financials (Attachment 2), are included for reference.

#### **Contract Change Order No. 57**

- Bid Item No. 5y Tunneling Standby Credit** - Original Bid Item No. 5y (Tunneling Standby) established a daily standby rate for tunneling operations in case of unforeseen Valley Water directed stoppages outside the Contractor's control. No tunneling standby time has been utilized and billed against this Bid Item No. 5y, therefore, this item will be credited back in full at the original bid unit rate of \$20,000.00 per day for a total of 30 days. This portion of the change order is valued at a credit of <\$600,000.00>.
- Increase to Bid Item No. 2e Operate Active Treatment System** - This change includes an increase to the total quantity of Bid Item No. 2e Operate ATS (Active Treatment System) as result of Contract Time extension associated with Time Impact Analysis 06. The bid item will be increased as follows:

Bid Item No. 2e Operate ATS (Active Treatment System) includes an increase in total quantity by 7 months (from October 1, 2025 to April 30, 2026), for a revised total quantity of 44 months. This item is to be paid per month at the original bid rate of \$10,000 per month. This portion of the change order is valued at \$70,000.00.

### **Other Changes to the Previously Submitted Contract Change Order Status Report**

As of the completion of this memorandum, there are no additional changes to the Contract Change Order Status Report previously presented to the Committee.

**ENVIRONMENTAL JUSTICE IMPACT:**

There are no environmental justice impacts associated with this item.

**ATTACHMENTS:**

Attachment A: Gov. Code § 84308: Flatiron Dragados West

Attachment 1: Construction Contract Change Orders Status

Attachment 2: Construction Contract Financial Status

**UNCLASSIFIED MANAGER:**

Ryan McCarter, 408-630-2983

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Attachment A  
Government Code §84308

Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.

List of Parties and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
Flatiron Dragados West LLC	Javier Sevilla	CEO	1200 Concord Ave. Suite 465 Concord, CA 94520

List of Participants and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>

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**Anderson Dam Tunnel Project**  
**Construction Contract Change (CO) Order Status**

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
		<b>4/27/2021</b>	<b>Original Contract</b>	<b>\$161,140,321.00</b>	<b>\$40,000,000.00</b>	<b>Board</b>	
1	1/18/2022	12/16/2021	Additional Tree Removal, Protection and Relocation	\$460,250.41	\$39,539,749.59	DOO	Approved
2	2/14/2022	4/26/2022	Outlet Works Vertical Shaft Re-sizing	\$3,783,119.15	\$35,756,630.44	CEO	Approved
3	5/16/2022	5/17/2022	Water Quality Monitoring Equipment, Miscellaneous demolition, TCEAP VHF/UHF Radios	\$131,603.28	\$35,625,027.16	AOO	Approved
4	6/13/2022	6/30/2022	Tunnel and Miscellaneous Items from CDC-001/001.1, Remove Taber Drilling from Scope	\$386,801.98	\$35,238,225.18	DOO	Approved
5	6/13/2022	6/30/2022	Upsizing Soil Nail Rows D&E from #18 to #20	\$228,562.00	\$35,009,663.18	DOO	Approved
6	7/18/2022	8/6/2022	Increased Quantity of Diversion Portal Excavation, Assistance with Geological Investigations, Internet access to Trailer # 2, and Change of Infill material for High Level Outlet Works (HLOW) Shaft	\$63,063.32	\$34,946,599.86	UM	Approved
7	9/26/2022	10/31/2022	DOS Foundation Excavation - Revised Soil Nail Wall, and Additional Environmental Compliance for Water Quality Monitoring and Soil Testing	\$1,526,724.84	\$33,419,875.02	ACEO	Approved
8	10/17/2022	10/26/2022	Disposal of Regulated and Organic Material	\$80,000.00	\$33,339,875.02	UM	Approved
9	11/14/2022	11/18/2022	3-D Modeling of HLOW Shaft	\$101,101.00	\$33,238,774.02	AOO	Approved
10	12/12/2022	12/19/2022	Monitoring of Additional Piezometer, Supplementary Support for the Transition Zone, DOS Portal Conditions, Partnering	\$1,971,946.48	\$31,266,827.54	ACEO	Approved
11	2/13/2023	12/19/2022	Time Related Overhead Time Impact Analysis 002	\$2,515,330.18	\$28,751,497.36	CEO	Approved
12	2/13/2023	1/19/2023	Increased Quantity of Diversion Tunnel Excavation Class 5	\$1,800,000.00	\$26,951,497.36	ACEO	Approved
13	2/13/2023	2/24/2023	Diversion Outlet Structure (DOS) Energy Dissipation Chamber Grated Access Opening	\$26,000.00	\$26,925,497.36	UM	Approved
14	3/20/2023	4/03/2023	Increased Quantity for 18.5 Foot Diameter Tunnel Excavation Class 5, Increased Quantity for Bid Item No. 2h, 2i, 2j, 2k. Decreased Quantity for Bid Item No. 5a and 5b.	\$156,000.00	\$26,769,497.36	AOO	Approved
15	3/20/2023	4/18/2023	Diversion Outlet Structure CLSM Saturday Premium Time, Diversion Portal Soil Nail Wall Condition	\$436,753.65	\$26,332,743.71	DOO	Approved
16	4/10/2023	5/12/2023	Surge Protection Device for Main Switchgear, CDC 015 Water Quality Instrumentation, Tree Trimming for Pacific Gas & Electric Pole Relocation	\$84,200.00	\$26,248,543.71	AOO	Approved
17	4/10/2023	5/12/2023	Increased Bid Item No. 11A Allowance - Other Wildlife and Fish Species, Specification Section 19.09	\$145,080.00	\$26,103,463.71	AOO	Approved
18	5/15/2023	5/30/2023	Traffic Support for Press Event	\$2,023.00	\$26,101,440.71	AOO	Approved
19	6/30/2023	5/25/2023	Increase Bid Item No. 5x Tunnel Excavation in Transition Zone - Class 5	\$994,500.00	\$25,106,940.71	ACEO	Approved
20	6/30/2023	8/10/2023	18" Hydro Return Line Decommissioning, Low Level Outlet Tunnel Steel Sets Enlargement, DPP8 Boring Survey Assistance, Air Vent Pipe Procurement, CDC 007.3 North Channel FWI Scope 2023, CDC 007.3 North Channel DTDS Scope 2023.	\$1,175,413.01	\$23,931,527.70	ACEO	Approved
21	6/30/2023	7/26/2023	Time Related Overhead Time Impact Analysis 003	\$884,042.66	\$23,047,485.04	ACEO	Approved
22	8/21/2023	7/31/2023	Additional Shotcrete in the Transition Zone, Increase in Bid Item No. 5g – Transition Zone Rock Bolts	\$424,016.00	\$22,623,469.04	DOO	Approved
23	8/21/2023	9/27/2023	Anderson Force Main Galvanic Cathodic Protection, Air Vent Pipe Installation	\$573,874.58	\$22,049,594.46	ACEO	Approved

**Anderson Dam Tunnel Project**  
**Construction Contract Change (CO) Order Status**

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
24	10/16/2023	11/21/2023	Micro-Tunnel Boring Machine (MTBM) Lake Tap Tie Down, Reservoir Log Boom Relocation	\$108,205.00	\$21,941,389.46	AOO	Approved
25	10/16/2023	11/27/2023	North Channel Tree Removal, Allowance Increase for Additional Environmental Compliance for Water Quality Monitoring and Soil Testing, Access Hatch for HLOW Shaft.	\$848,456.00	\$21,092,933.46	ACEO	Approved
26	11/13/2023	12/23/2023	Quantity Increase for Bid Item No. 5d – 24 Foot Diameter Tunnel Excavation Class 3, Quantity Increase for Bid Item No. 5g – Transition Zone Rock Bolts, Allowance Increase for Bid Item No. 11a – Other Wildlife and Fish Species Increase, V-Ditch Extension at 460, Winterization of North Channel Dike 2023	\$833,772.00	\$20,259,161.46	ACEO	Approved
27	12/11/2023	1/04/2024	Cost Increase for DOS Foundation Excavation – Revised Soil Nail Wall ,Quantity Increase for Bid Item No. 5r – Pre-excavation Drilling Within Rock Tunnel.	\$1,341,261.43	\$18,917,900.03	ACEO	Approved
28	12/11/2023	1/19/2024	Quanity Increase for Bid Item 4c Lake-Tap Excavation (Dredging) Microtunnel Boring Machine Landing Pad	\$570,375.00	\$18,347,525.03	ACEO	Approved
29	1/22/2024	12/26/2023	Bid Item Increase 5o - Probing within Rock Tunnel	\$370,800.00	\$17,976,725.03	DOO	Approved
30	1/22/2024	2/14/2024	Revised Motor Control Center (MCCA) Schedule, Additional Telemetry Pull Box, Material Escalation due to Delay in Issuing Notice to Proceed (NTP) 2A/2B, Credit for Hoot Owl Way Landslide Supplemental Work.	-\$1,822,581.61	\$19,799,306.64	ACEO	Approved
31	2/26/2024	3/20/2024	Cost increase for North Channel Dewatering Wells, 2024 Reservoir Log Boom Relocation Allowance, Alternative Initial Lining - Sawtooth Design Method, Concrete Abrasion Testing, Allowance for Trash Rack Foundation Design Changes	\$1,457,191.11	\$18,342,115.53	ACEO	Approved
32	3/18/2024	4/09/2024	Additional Cost for Diversion Outlet Structure (DOS) Rock Anchors Installation, Geological and Phytophthora Test Pits	\$163,736.00	\$18,178,379.53	AOO	Approved
33	4/22/2024	6/17/2024	Diversion Outlet Structure Roof Top Baffle, Articulated Joint Mockup	\$1,082,734.00	\$17,095,645.53	ACEO	Approved
34	5/20/2024	9/17/2024	North Channel Extension - Dewatering and Dike Design Submittals	\$47,435.00	\$17,048,210.53	UM	Approved
35	4/22/2024	7/05/2024	Coyote Creek Modifications - North Channel	\$10,148,710.20	\$6,899,500.33	CEO	Approved
36	6/17/2024	12/08/2024	Concrete Pad for Generator, Concrete Pad for Main Switchboard (MSA), Differing Site Condition for Dredging Operation	\$2,640,685.00	\$4,258,815.33	CEO	Approved
37	7/15/2024	9/13/2024	Middle Intake Modification, Bid Item Quantity Adjustment (5e, 5o, 5r, 5s, 5t, 5u, 5v), Seismic Pipe Material Deduction	-\$14,948,984.00	\$19,207,799.33	ACEO	Approved
38	8/19/2024	9/28/2024	Bid Item 5c (18.5-foot Diameter Tunnel Excavation – Class 5) Overrun Unit Price Adjustment, Drilling Program Plan 09 (DPP 09) Phase 1, 24-in, 96-in, and 156-in Pipe Extension Material Cost	\$3,799,721.30	\$15,408,078.03	CEO	Approved
39	9/16/2024	11/07/2024	Drilling Program Plan 09 Phase 2, Diversion Outlet Structure Guardrail Kickplate, Time Related Overhead for Time Impact Analysis 004.	\$677,598.98	\$14,730,479.05	ACEO	Approved
40	11/01/2024	12/10/2024	North Channel Hinge Riprap, Coyote Creek Modifications - North Channel Extension, North Channel Extension – Tree Removal and Storage Costs, Increase in Bid Quantity – Bid Item No. 2h, 2i, 2j, and 2k, Credit for Boat Marina Ladndslide Supplemental Work	\$427,945.00	\$14,302,534.05	ACEO	Approved
41	11/01/2024	12/10/2024	Transition Zone Overrun & Underrun Unit Price Adjustments - Bid Item No. 5g, 5w and 5x, Flexterra 3.75 to 1 Slope and Disposal Pile, Trash Rack Panel Design Change.	\$3,329,997.00	\$10,972,537.05	CEO	Approved

**Anderson Dam Tunnel Project**  
**Construction Contract Change (CO) Order Status**

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status	
42	12/16/2024	12/18/2024	Migratory Bird LSAA Impact Price Adjustment, Bid Item 11a - Other Wildlife and Fish Species Allowance Increase, Time Impact Analysis (TIA) 005, Bid Item Quantity Adjustment (8d)	-\$360,104.37	\$11,332,641.42	DOO	Approved	
43	12/16/2024	12/18/2024	Temporary Power for Tunneling Operations.	\$2,200,000.00	\$9,132,641.42	ACEO	Approved	
-	-	1/28/2025	<b>CONTRACT CONTINGENCY FUND INCREASE (\$40,000,000)</b>		-	<b>\$49,132,641.42</b>	<b>Board</b>	<b>Approved</b>
44	1/21/2025	3/06/2025	24" and 96" Steel Pipe Extension Installation Cost	\$1,537,230.00	\$47,595,411.42	ACEO	Approved	
45	1/21/2025	3/06/2025	Bid Item No. 5b – 18.5 Foot Diameter Tunnel Excavation Class 4, Unit Price Adjustment, Bid Item No. 11b Increase – Sensitive Plants and Vegetation, Increase to Bid Items 2h, 2i, 2j and 2k, North Channel Boulder Import Costs, Mine Rescue Team.	\$1,249,281.72	\$46,346,129.70	ACEO	Approved	
46	2/18/2025	2/28/2025	Time Related Overhead for Time Impact Analysis (TIA) 005	\$4,000,730.10	\$42,345,399.60	CEO	Approved	
47	2/18/2025	5/15/2025	Trash Rack Foundation Design Changes Allowance Overrun, North Weir Over Excavation and Test Pits, Specialized Pipe Support Embeds Material Cost	\$1,076,251.10	\$41,269,148.50	ACEO	Approved	
48	3/05/2025	6/18/2025	Revised Final Tunnel Lining	\$16,340,862.00	\$24,928,286.50	CEO	Approved	
49	3/17/2025	5/12/2025	North Weir Mud Mat Roughening	\$23,490.00	\$24,904,796.50	AOO	Approved	
50	5/19/2025	5/22/2025	Time Impact Analysis (TIA) 006, South Channel Tree Removal, North Channel Extension - Tree Removal Overrun, Expansion Joint for North Channel Weir	\$115,796.00	\$24,789,000.50	AOO	Approved	
51	5/19/2025	9/16/2025	Articulated Joint Mock-up Extras, Coyote Creek Modifications - South Channel, Decommissioning of North Channel Wells, Increase to Bid Item 2e Operate ATS, Allowance increase for Additional Environmental Compliance for Water Quality Monitoring and Soil Testing, Additional Conduit and Wiring Between ATS and Generator, Removal of Milestone 3 Waterline Scope, MTBM Chamber 96-inch Pipe Material Credit, LLOT Pipe Support Embed Installation	\$2,467,509.38	\$22,321,491.12	CEO	Approved	
52	6/16/2025	8/14/2025	Revised SWPPP Development, North Channel Extension Additional Dewatering	\$245,838.00	\$22,075,653.12	AOO	Approved	
53	7/31/2025	TBD	Tunnel Ventilation for Final Tunnel Lining	\$619,041.36	\$21,456,611.76	ACEO	Pending	
54	7/31/2025	9/02/2025	Bid Item 11a - Other Wildlife and Fish Species Allowance Increase	\$250,000.00	\$21,206,611.76	AOO	Approved	
55	8/18/2025	TBD	Hydroseed Mix for South Channel Erosion Control, Allowance Increase for Additional Environmental Compliance for Water Quality Monitoring and Soil Testing, Archeological Compliance Test Pits, Time Related Overhead (TRO) for TIA 006 Through Tunnel Final Lining (September 2025 - April 2026)	\$4,527,862.00	\$16,678,749.76	CEO	Pending	
56	9/29/2025	TBD	Increase to Bid Items 2h, 2i, 2j and 2k; Monitoring of Piezometer VW-3DP.	\$683,781.13	\$15,994,968.63	ACEO	Pending	

**Anderson Dam Tunnel Project**  
**Construction Contract Change (CO) Order Status**

DCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
1	09/26/22	10/05/22	Milestone 7, 9, and 10 Completion Revisions	\$0.00	\$15,994,968.63	UM	Approved

**New CCOs for CIP Committee**

Pending CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
57	10/20/2025	TBD	Bid Item No. 5y Tunneling Standby Credit, Increase to Bid Item No. 2e Operate Active Treatment System	-\$530,000.00	\$16,524,968.63	UM	Pending

Total COs Approved	54	Total	\$58,174,346.88	\$21,825,653.12
Total COs Pending	4	Total	\$5,300,684.49	\$16,524,968.63

Total Number of COs (Approved & Pending)	Total Amount of COs (Approved & Pending)
58	\$63,475,031.37

**Anderson Dam Tunnel Project - Construction Contract Financials**

Bid Item No.	Description	Amount	Balance Remaining	Billing Through August 2025	
				Percent (%)	Amount
1	MOBILIZATION AND DEMOBILIZATION	\$ 16,150,000.00	\$ 1,782,750.00	89.0%	\$ 14,367,250.00
2	SITE PREPARATION	\$ 5,713,000.00	\$ 293,757.78	94.9%	\$ 5,419,242.22
3	DIVERSION PORTAL	\$ 6,173,496.00	\$ 252,206.40	95.9%	\$ 5,921,289.60
4	LAKE-TAP PORTAL	\$ 4,215,000.00	\$ 1,575.00	100.0%	\$ 4,213,425.00
5	TUNNEL EXCAVATION AND LINING	\$ 47,438,325.00	\$ 6,437,102.00	86.4%	\$ 41,001,223.00
6	SHAFT EXCAVATION AND LINING	\$ 10,100,000.00	\$ 4,136,360.00	59.0%	\$ 5,963,640.00
7	MICROTUNNEL	\$ 9,982,000.00	\$ 24,008.00	99.8%	\$ 9,957,992.00
8	DIVERSION OUTLET STRUCTURE	\$ 48,678,550.00	\$ 12,884,228.02	73.5%	\$ 35,794,321.98
9	COYOTE CREEK MODIFICATIONS	\$ 6,421,550.00	\$ 13,200.00	99.8%	\$ 6,408,350.00
10	SUPPLEMENTAL WORK ITEMS	\$ 5,668,400.00	\$ 131,500.00	97.7%	\$ 5,536,900.00
11	ALLOWANCES	\$ 600,000.00	\$ 31,590.09	94.7%	\$ 568,409.91
		<b>Total Original Contract Amount</b>	<b>Total Balance Remaining</b>	<b>Percent (%) Billed</b>	<b>Total Billed To Original Contract Amount</b>
		<b>\$ 161,140,321.00</b>	<b>\$ 25,988,277.29</b>	<b>84%</b>	<b>\$ 135,152,043.71</b>

CCOs	Description	Amount	Balance Remaining	Billing Through August 2025	
				Percent (%)	Amount
CCO 1-52 & 54	CONTRACT CHANGE ORDERS (CCO)	\$ 58,174,346.88	\$ 14,918,690.63	74%	\$ 43,255,656.25
		<b>Total Contract Amount Including CCOs</b>	<b>Total Balance Remaining Including CCOs</b>	<b>Total Percent (%) Billed Including CCOs</b>	<b>Total Billed Including CCOs</b>
		<b>\$ 219,314,667.88</b>	<b>\$ 40,906,967.92</b>	<b>81%</b>	<b>\$ 178,407,699.96</b>

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# Santa Clara Valley Water District

File No.: 25-0710

Agenda Date: 10/20/2025

Item No.: 4.5.

## **COMMITTEE AGENDA MEMORANDUM** **Capital Improvement Program Committee**

Government Code § 84308 Applies: Yes  No   
(If "YES" Complete Attachment A - Gov. Code § 84308)

### **SUBJECT:**

Review 2025 Capital Improvement Program Committee Work Plan.

### **RECOMMENDATION:**

Review the 2025 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

### **SUMMARY:**

Work Plans are created and implemented by all Board Committees to increase Committee efficiency, provide increased public notice of intended Committee discussions, and enable improved follow-up by staff. Work Plans are dynamic documents managed by Committee Chairs and are subject to change. Committee Work Plans also serve to assist in preparing an Annual Committee Accomplishments Reports.

Discussion of topics as stated in the Plan have been described based on information from the following sources:

- Items referred to the Committee by the Board;
- Items requested by the Committee to be brought back by staff;
- Items scheduled for presentation to the full Board of Directors and
- Items identified by staff.

Regular monthly meetings are scheduled to occur at 11:00 a.m., on the third Monday of each month, or at the call of the Committee Chair.

Establishing a work plan and meeting schedule is necessary to provide staff with a basis for meeting planning, logistics coordination, and agenda item preparation. Attachment 1 is the 2025 CIP committee work plan for review and comments by the CIP committee.

**ENVIRONMENTAL JUSTICE IMPACT:**

There are no environmental justice impacts associated with this item. This action is unlikely to or will not result in human health or environmental effects.

**ATTACHMENTS:**

Attachment 1: 2025 CIP Committee Work Plan

**UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193

## CIP Committee 2025 Work Plan

Jan	Feb	5-Mar*	17-Mar	Apr	May	16-Jun	25-Jun*	31-Jul*	Aug	29-Sep*	Oct	Nov	Dec
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### **Capital Project Monitoring**

Feasibility/Planning	X			X					X		X		
Design/Permitting		X			X				X			X	
Construction			X			X				X			X
Environmental Permit Compliance (Post Construction)					X								

### **CIP Implementation**

Master Plan Implementation Projects		X											
10-Year Pipeline Inspection and Rehabilitation Project			X										
Calero & Guadalupe Dams Seismic Retrofit - Design & Construction Projects											X		
Upper Guadalupe – SPRR to Blossom Hill – Project and Funding status update									X				
Anderson Dam Seismic Retrofit Project Procurement Plan								X					
Consultant Agreement Amendment and Construction Change Order Processes / Response to Concerns Re: Collection of Anderson Dam Projects							X						
Calabazas/San Tomas Aquino Creek Staff Recommended Alternative												X	

### **CIP Development**

CIP Development Process													
• Annual CIP Development Process/Integrated Financial Planning Schedule										X			
• Review of Initially Validated and Unfunded Projects											X		
CIP Preliminary Five-Year Plan Review												X	
• Review Significant Project Plan Updates													X

### **Standing Items**

Anderson Dam Tunnel Project Contingency and Change Order Monitoring	X	X	X	X	X	X	X		X	X	X	X	X
Upcoming Consultant Agreement Amendments	X	X		X	X	X	X	X	X	X	X	X	X
Workplan	X	X	X	X	X	X	X		X	X	X	X	X
Minutes	X	X		X	X	X	X		X	X	X	X	X
Annual Election of Committee Officer		X											

\* Special Meeting

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