



## **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, March 17, 2025  
11:00 AM**

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

**BOARD COMMITTEE MEMBERS:**

Committee Chair:  
Director Nai Hsueh, District 5

Committee Vice Chair:  
Director Tony Estremera, 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, March 17, 2025

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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 March 5, 2025 Capital Improvement Program Committee Minutes.

25-0276

Recommendation: Approve the minutes.  
Manager: Candice Kwok-Smith, 408-630-3193  
Attachments: [Attachment 1: 030525 CIP Committee Draft Minutes](#)  
Est. Staff Time: 5 Minutes

#### 4. REGULAR AGENDA:

4.1. Receive an Update on the Distribution System Master Plan Implementation Project No. 95044001. [24-1093](#)  
Recommendation: Receive an Update on the Distribution System Master Plan Implementation Project No. 95044001.  
Manager: Luz Penilla, 408-630-2228  
Attachments: [Attachment 1: PowerPoint](#)  
Est. Staff Time: 15 Minutes

4.2. Receive and Discuss Information Regarding the Status of Capital Projects in the Construction Phase. [24-1090](#)  
Recommendation: Receive and discuss information regarding the status of capital projects in the construction phase.  
Manager: Emmanuel Aryee, 408-630-3074  
Ryan McCarter, 408-630-2983  
Bhavani Yerrapotu, 408-630-2735  
Cecil Lawson, 408-630-2424  
Attachments: [Attachment 1: Construction Phase Report](#)  
Est. Staff Time: 10 Minutes

4.3. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract. [24-1083](#)  
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](#)  
[Attachment 1: Construction Contract Change Orders Status](#)  
[Attachment 2: Construction Contract Financial Status](#)  
Est. Staff Time: 5 Minutes

4.4. Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects. [25-0195](#)  
Recommendation: Receive information on upcoming consultant agreement amendments for capital projects.  
Manager: Ryan McCarter, 408-630-2983  
Attachments: [Attachment A: Government Code §84308](#)  
Est. Staff Time: 10 Minutes

4.5. Review 2025 Capital Improvement Program Committee Work Plan. [24-1097](#)

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 to Regular Meeting at 11:00 a.m. on April 21, 2025.



# Santa Clara Valley Water District

File No.: 25-0276

Agenda Date: 3/17/2025

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 March 5, 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 AND EQUITY IMPACT:**

There are no Environmental Justice impacts associated with this item.

### **ATTACHMENTS:**

Attachment 1: 030525 CIP Committee Draft Minutes

### **UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193

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CAPITAL IMPROVEMENT COMMITTEE MEETING

# DRAFT MINUTES

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## SPECIAL MEETING

**WEDNESDAY, March 5, 2025**  
**2:00 PM**

(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 2:01 p.m.

#### 1.1 Roll Call.

Committee members in attendance were District 4 Director Jim Beall and District 5 Director Nai Hsueh, Chairperson presiding. District 6 Director Tony Estremera, Vice Chairperson, attended the meeting virtually, pursuant to AB 2449. A quorum was present.

Staff members in attendance were: Gina Adriano, Emmanuel Aryee, Aaron Baker, Audrey Beaman, Sarah Berning, James Bohan, Rita Chan, Isela Chaparro, Jen Codianne, Jiana Escobar, Andrew Garcia, Rachael Gibson, Jaeho Hahn, Chris Hakes, Candice Kwok-Smith, Emelia Lamas, Cecil Lawson, Dave Leon, Sadie Lum, Jennifer Martin, Ryan McCarter, Nicole Merritt, Julianne O'Brien, Carlos Orellana, Alison Phagan, Mike Potter, Melanie Richardson, Don Rocha, E. Ray Ruiz, Amandeep Saini, Maged Salib, Michelle San Miguel, Stephanie Simunic, Diahann Hudson Soleno, Charlene Sun, Darin Taylor, Odilia Teixeira, Cheryl Togami, Tina Yoke, and Beckie Zisser.

Public in attendance were: Katja Irvin, Rebecca's iPhone, and Rick.

## **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 February 18, 2025 Capital Improvement Program Committee Meeting Minutes.

Recommendation: Approve the minutes.

The Committee considered the attached minutes of the February 18, 2025 Committee meeting.

Public Comments: None.

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

### **Regular Agenda:**

- 4.1. 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 McCarter reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachments 1, 2, and 3 and was available to answer questions.

Public Comments: None.

The Committee received the information and took no formal action.

- 4.2. 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.

The Committee received the information and requested that staff include an item for contingency and large change order policy and process

improvements on the Work Plan for further discussion.

**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 2:35 p.m.

Dave Leon  
Assistant Deputy Clerk II

Date Approved:

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# Santa Clara Valley Water District

File No.: 24-1093

Agenda Date: 3/17/2025

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:**

Receive an Update on the Distribution System Master Plan Implementation Project No. 95044001.

### **RECOMMENDATION:**

Receive an Update on the Distribution System Master Plan Implementation Project No. 95044001.

### **SUMMARY:**

Staff has prepared an update (Attachment 1) on the Distribution System Master Plan Implementation Project (Project).

### ***Background***

The Project scope entails having a consultant prepare a 30-year implementation plan that identifies projects to repair, replace, and/or upgrade Valley Water's distribution system infrastructure. This plan will address capacity, reliability, and sustainability needs for a 30-year planning period. The Project may also prepare a Program Environmental Impact Report pertaining to the infrastructure projects if needed. The Project commenced in May 2023 and is expected to be completed in fiscal year 2027.

### ***Update***

Attachment 1 provides updates on the following:

1. Project purpose
2. Project overview
  - a. Master planning overview
  - b. Master planning process
3. Condition assessment update
  - a. Pipelines
  - b. Pump stations

4. Next steps:
  - a. Continue evaluation of assets

Staff will continue to update the CIP Committee on Project progress and include requests for Committee input on key project proposals and recommendations.

**ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:**

There are no environmental justice and equity impacts associated with the Distribution System Master Plan Implementation Project No. 95044001. This action is unlikely to or will not result in human health or environmental effects and is not associated with an equity opportunity.

**ATTACHMENTS:**

Attachment 1: PowerPoint

**UNCLASSIFIED MANAGER:**

Luz Penilla, 408-630-2228



# Receive an Update on the Distribution System Master Plan Implementation Project No. 95044001 – Condition Assessment Update

Presented to the CIP Committee by:  
**Luz E. Penilla, Assistant Officer – Office of Integrated Water Management**  
March 17, 2025

# Outline

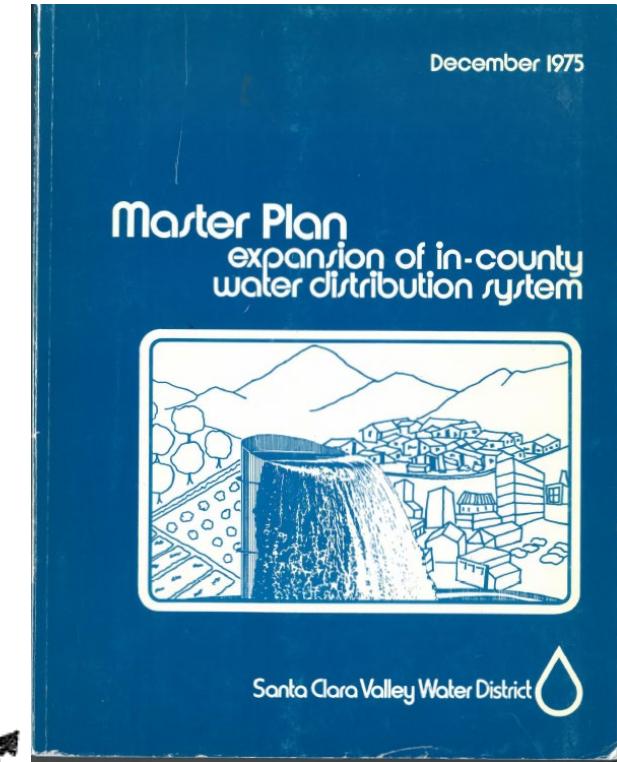
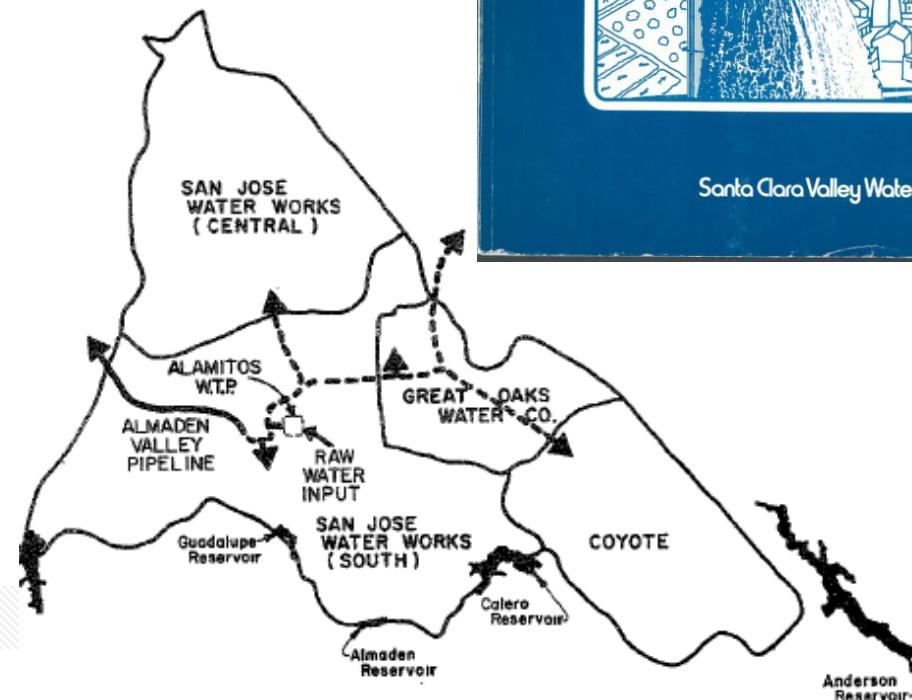
A blurred background image showing an aerial view of a coastal or riverine area. The landscape is a mix of green vegetation, sandy or rocky terrain, and a body of water. A road or path cuts through the center of the image.

- 1. Purpose
- 2. Project overview
- 3. Condition assessment update
- 4. Next steps

# Project Purpose

# Purpose

- Last comprehensive infrastructure master plan was in 1975
- Currently facing variety of needs for infrastructure investments due to:
  - Aging and obsolete infrastructure
  - Changes in future demands
  - Need to improve efficiency
  - Need for redundancy to enable maintenance and prevent service outages
  - New supplies coming online

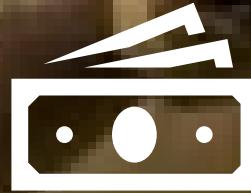


# Project Overview

# Overview

Project Number 95044001

**Consultant:**  
AECOM



**Budget: \$9.5M**  
AECOM: ~\$6M  
VW Labor: \$3.5M

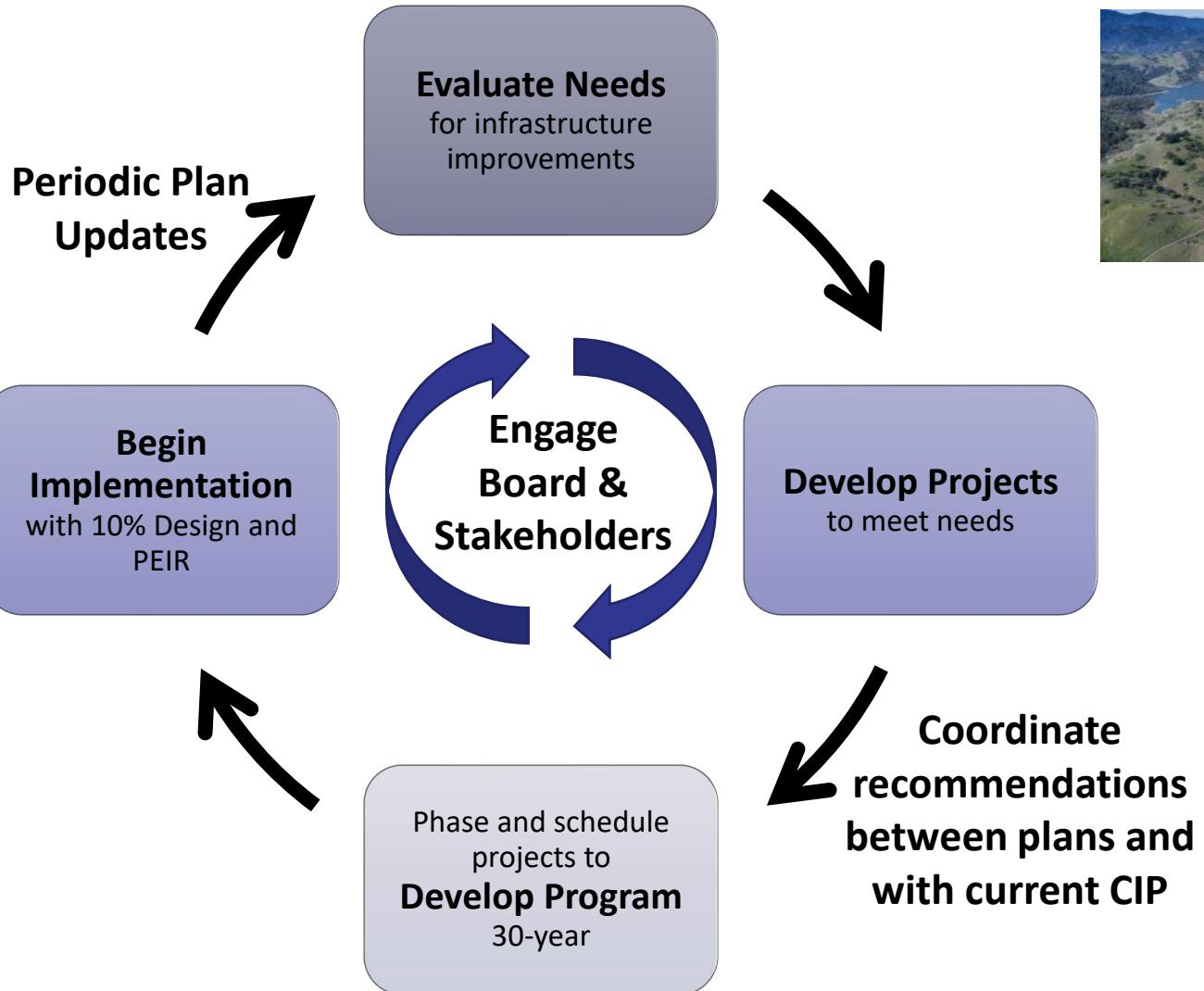


**Schedule:**  
May 2022 – May 2027

## Key Deliverables:

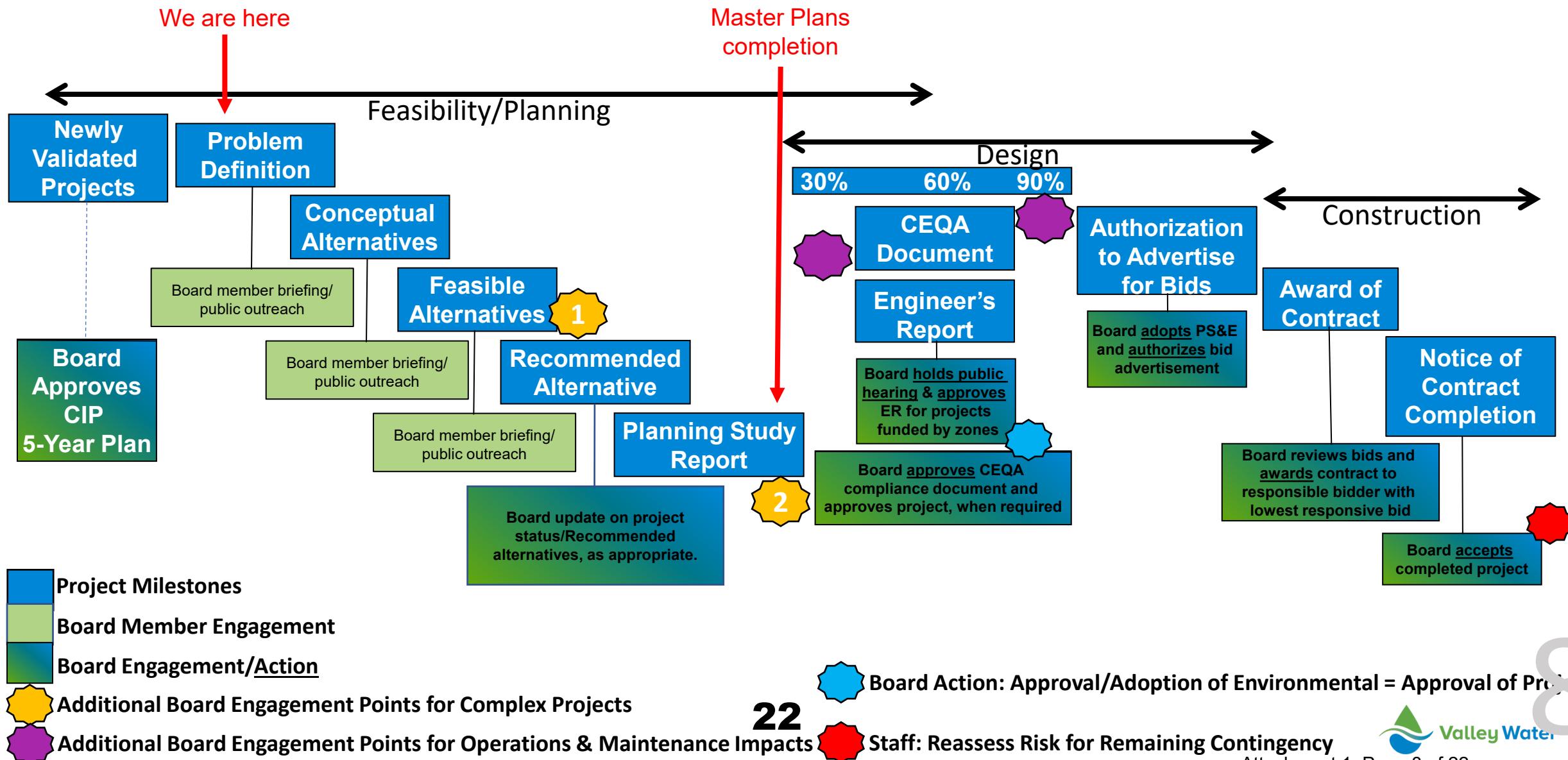
1. 30-year Distribution System Program of recommended capital improvements for pipelines, pumping plants, canals, wells and recycled water facilities
2. 10% Design for projects in first 10 years of planning horizon
3. If needed, Program Environmental Impact Report (PEIR)

# Master Planning Process

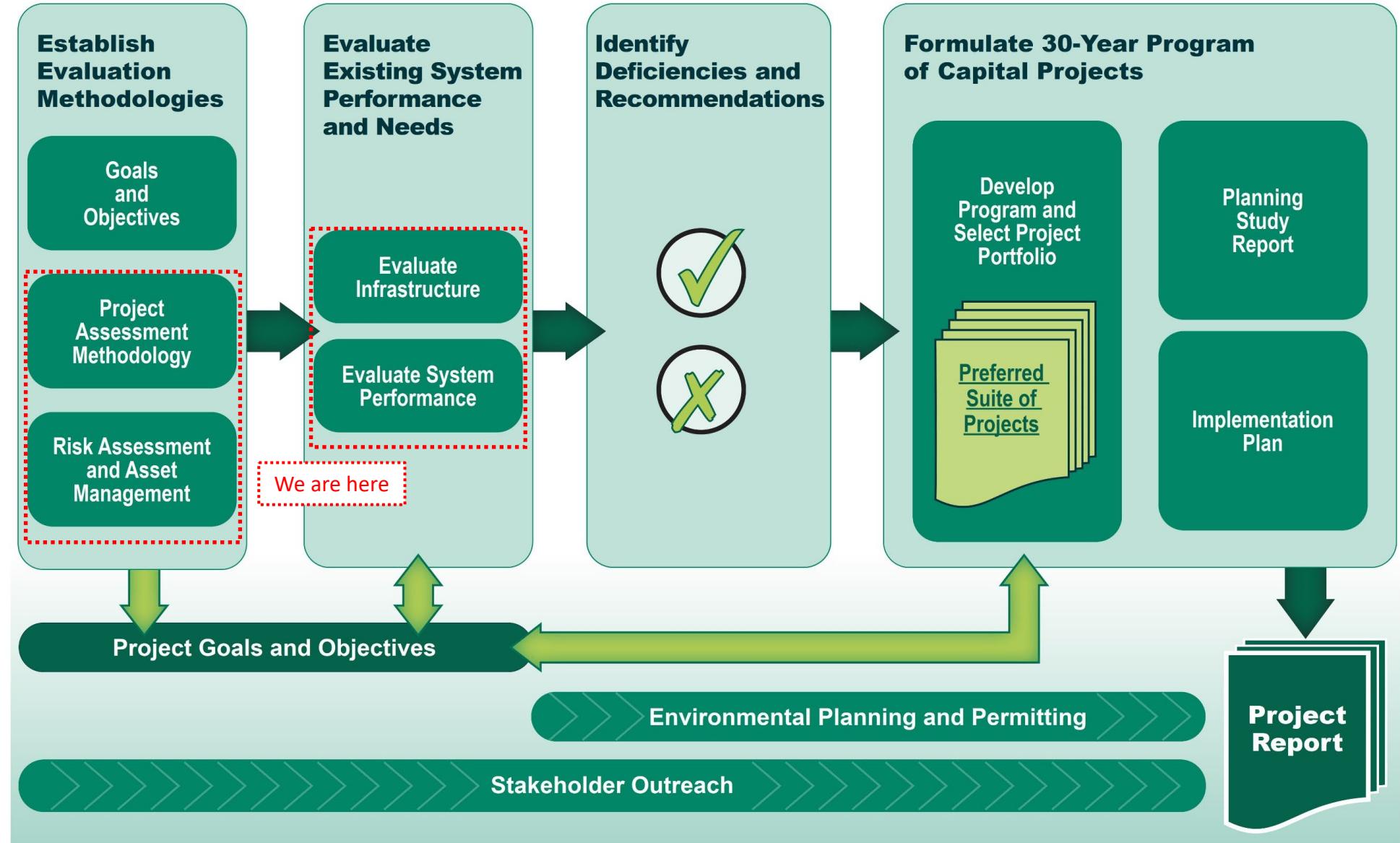


# CIP Processes Overview

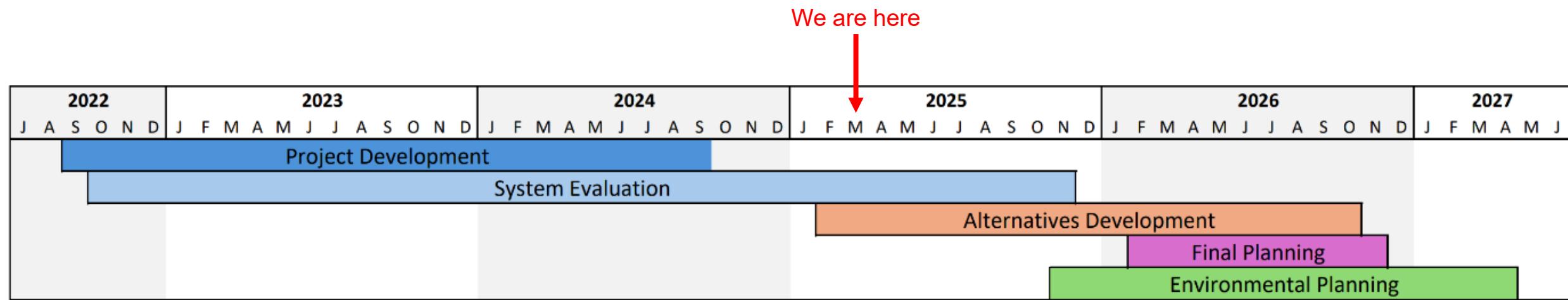
## BOARD ACTION & ENGAGEMENT: CAPITAL PROJECT DELIVERY PROCESS\*



# Work Approach



# Project Schedule



# Condition Assessment Update Pipelines

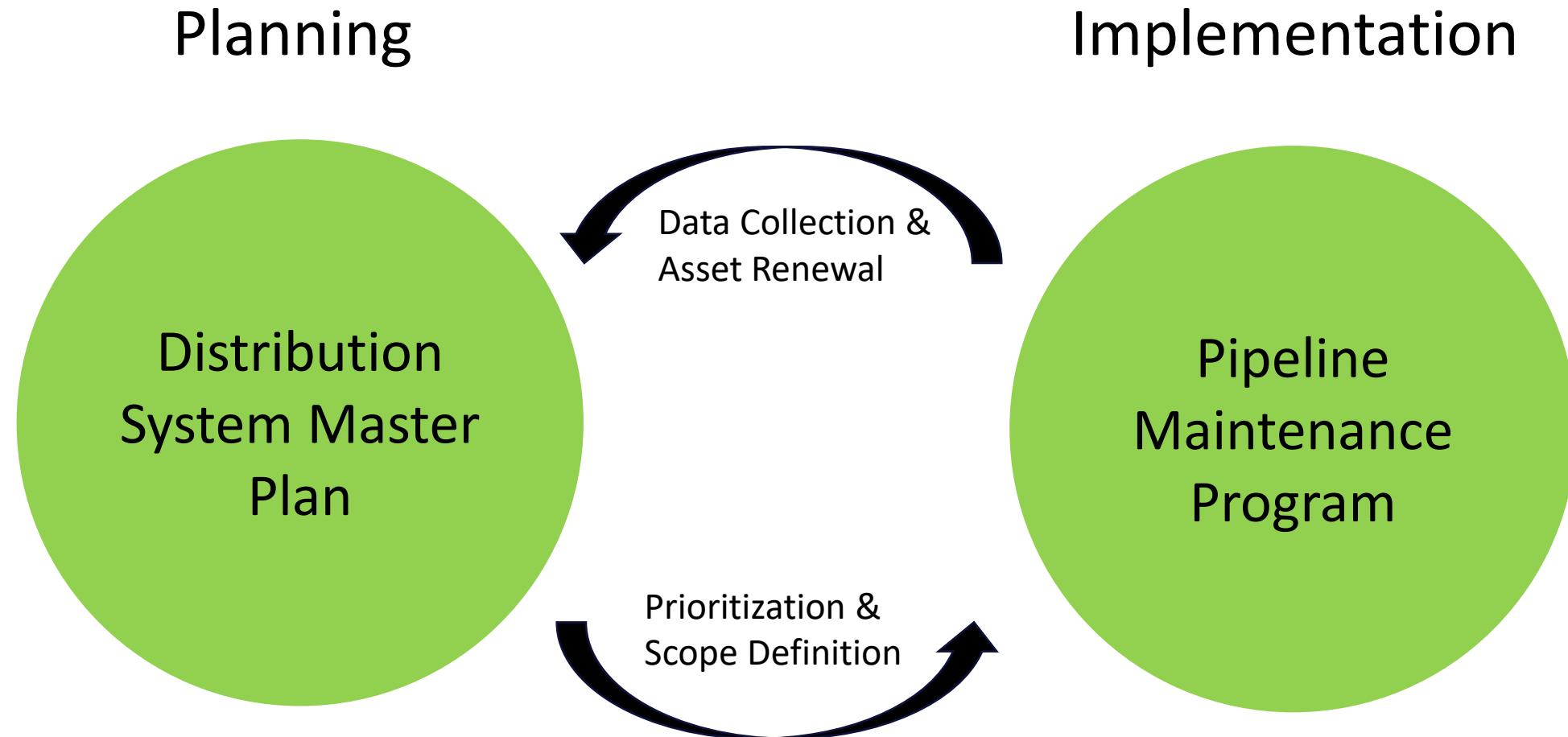
# Pipeline Risk Assessment

- Maximize use of prior studies and readily available information
- Key features:
  - Flexible
  - Transparent
  - Support ongoing asset management
  - Support data completeness and accuracy
- Risk-Based Approach Tied to DS MPIP Project Goals & Objectives
  - Probability of Failure (POF): What is the condition of the pipeline?
  - Consequence of Failure (COF): What is the consequence of its failure?
  - Risk = POF x COF



2015 Santa Clara Conduit Rupture

# Coordination with Pipeline Maintenance Program



# Data Compilation – Data Sets Assigned to Individual Pipe Segments

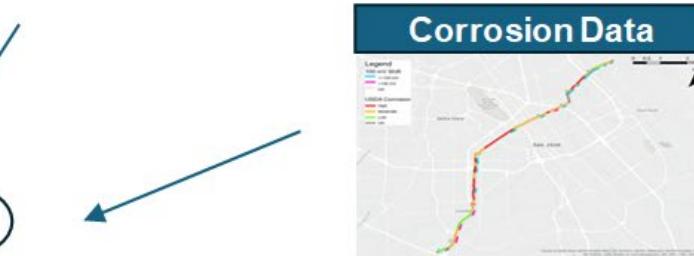
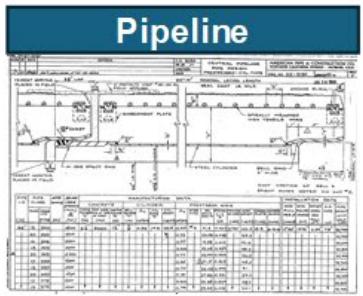
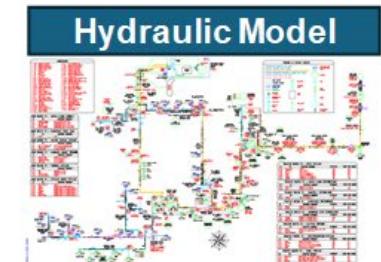
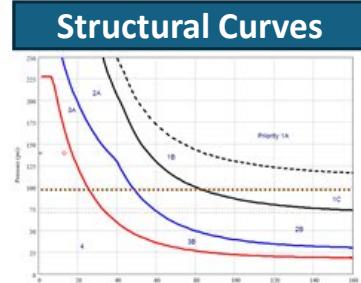
Supports POF

Supports COF

Data	Source
Stationing	Valley Water provided
Pipe Material, Diameter, Coordinates	Valley Water provided, with AECOM updates
Pipe Design Specs (Detailed)	Contract Laysheets
Digitized Finite Element Analysis (FEA) Curves	Available FEA Curves
Flow, Pressure, Velocity	Hydraulic Models, 2020
Wire Breaks	Acoustic Fiber Optic Database, 2023
Pipeline Design Checks	AWWA & Maximum Operating Pressures, 2023
Cover	VW 1-ft, 5-ft Lidar Contours, Hydraulic Model elevations, Google Earth (e.g. overpasses)
Corrosion Monitoring	VW Corrosion Monitoring Program
Corrosion Risk (steel and concrete)	United States Department of Agriculture's Soil Survey Geographic Database, 2021
Pipeline casing and encasements	VW Consultant Report, 2011
Transit Intersections (e.g. BART, VTA, rail roads)	VTA, 2021, Caltrans, 2023
Traffic Category (e.g. primary / secondary roads)	San Francisco Bay Region Roads, 2023, National Highway System, 2023
Species Biodiversity	Areas of Conservation Emphasis (ACE) 3.0, 2018
Species Habitat	ACE 3.0, 2018
Land Use	California General Plan Land Use, Jan 2024
Regional Opportunity Index (i.e. equity)	UC Davis Center for Regional Change, 2014
Replacement Cost	Risk Analysis for Large Diameter Pipeline Assets, 2019
Risk Scoring Data	POF, COF, subcomponents and aggregated scores

# Innovation: Linking Pipe Data will Allow Dynamic Analysis

- Condition
- Operations
- Maintenance
- Potentially Impacted Areas



# Condition Assessment Update Pump Stations

# Pump Station Evaluation Scope

## 1. Desktop Assessment

Assemble asset inventory, review existing condition information, document intervention strategies

## 2. Field Condition Assessment

Site visits, interview VW staff, summarize existing conditions

## 3. Risk Assessment

Estimate remaining useful life

## 4. Renewal and Replacement Recommendations

Recommend maintenance, rehab, and replacement needs

# Pump Station Field Condition Evaluations

## Raw Water

- Pacheco PP
- Coyote PP

## Treated Water

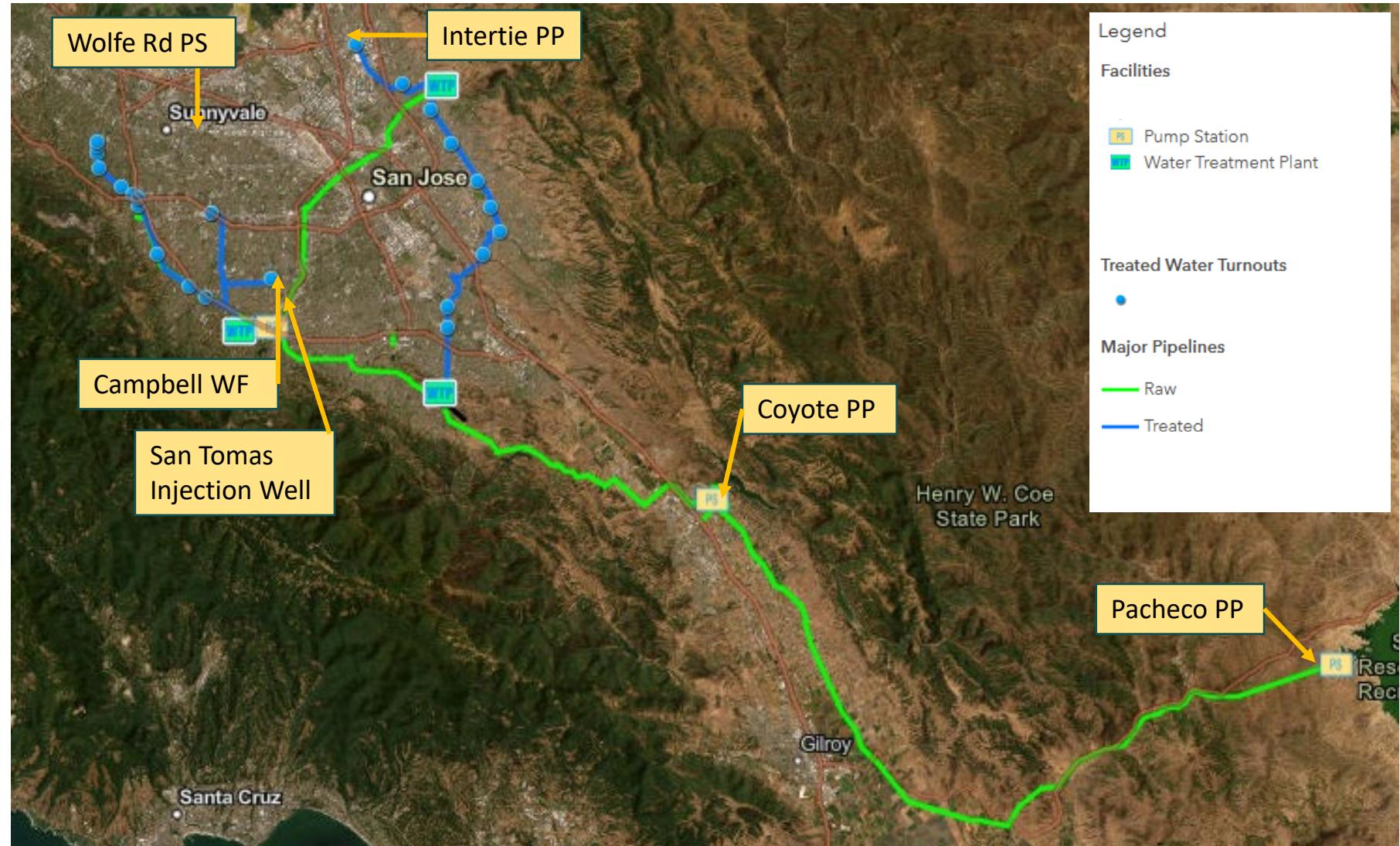
- Intertie PP

## Recycled Water

- Wolfe Road PS

## Ground Water

- Campbell Well Field
- San Tomas Injection



# Pump Station Field Condition Evaluations

1. Visual observations performed by a multi-disciplinary team: Civil, Mechanical, Electrical, Instrumentation & Controls, and Structural engineers
2. Documented interviews from VW subject matter experts
3. Summarized conditions and developing condition ratings
4. Currently developing recommendations to include in the 30-year planning horizon

# Next Steps

# Next Steps

## 1. System Evaluations

- **Pipelines:** Finalize POF & COF evaluations
- **Pump Stations:** Develop condition ratings and recommendations

## 2. Alternatives Development Stage

- Develop problem definition report

# QUESTIONS





# Santa Clara Valley Water District

File No.: 24-1090

Agenda Date: 3/17/2025

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 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.

### **SUMMARY:**

The 2025 Work Plan for the Board Capital Improvement Program Committee (Committee) includes monitoring of capital projects during all phases of development. Staff will present a list of active projects at each Committee meeting and provide detailed information on those where potential and/or significant issues have been identified. The projects presented for discussion will be organized by phases: planning/feasibility; design/permitting; and construction. Staff will present projects to the Committee for review one phase at a time. Projects currently in the construction phase are being presented at this Committee meeting. Other attachments may be included to provide more detail on other items associated with these projects.

Attachment 1 Capital Project Monitoring Report is a list of projects in the construction phase. A verbal report will be provided at the meeting with more detailed information about recent developments on the projects listed in Attachment 1.

### **ENVIRONMENTAL JUSTICE IMPACT:**

There are no environmental justice and equity impacts associated with this report. This action is unlikely to or will not result in human health or environmental impacts and is not associated with an equity opportunity.

### **ATTACHMENTS:**

Attachment 1: Construction Phase Report

**UNCLASSIFIED MANAGER:**

Emmanuel Aryee, 408-630-3074  
Ryan McCarter, 408-630-2983  
Bhavani Yerrapotu, 408-630-2735  
Cecil Lawson, 408-630-2424

## Capital Project Monitoring Report – March 2025

Row	Project No.	Project Name	Status	Construction Phase		CM Services		
				Notes, Upcoming Board Actions or potential issues		Deputy's Initials	In house	External
<b><u>Water Supply</u></b>								
1	95084002	10-Year Pipeline Inspection and Rehabilitation Project	Construction	<p><b>Santa Clara Conduit Phase 2:</b> The contractor continues to work on non-shutdown work. Construction completion is currently anticipated for March 2025.</p> <p><b>Snell:</b> The contractor continues to work on non-shutdown work. Construction completion is anticipated for March 2025.</p> <p><b>West:</b> The contractor is currently working on immediate submittals (including progress schedule, schedule of value, and traffic control plan). The Notice to Proceed for construction start was issued in January 2025. ETA for site mobilization is June 2025, and procurement of large valves is in progress with a delivery ETA of September 2025.</p>	EA	X		
2	93284013	Santa Teresa Water Treatment Plant Filter Media Replacement Project	Construction	<p>As of February 2025, ten out of the twelve filters have been replaced. Currently, the contractor is working on the last two filters, with activities such as installation of new equipment, nozzles, and filter media. Construction completion is anticipated for spring 2025.</p>	EA	X		
3	91094009	South County Recycled Water Pipeline	Construction	<p>Contractor is working on pavement repair after core samples showed some deficient sections. Valley Water executed right-of-way agreements with Green Valley Corp. in October 2024, and the Phase 1C construction will begin in April 2025. Estimated completion of Phase 1C is October 2025.</p>	EA	X		
4	93294057	Rinconada WTP Reliability Improvement (Phases 3-6)	Construction	<p>The contractor has completed numerous concrete pours for the new filters' lower gallery walls and continues rebar installation for the filters' applied water channel deck. The Chlorine Contact Basin construction continues with placement of the walls and work has begun on the deck. Installation of large diameter (42-, 48-, and 84-inch) piping for the two facilities has continued.</p> <p>Staff continues to provide updates to the public via the Nextdoor social media app. The next public meeting is scheduled to take place at Rinconada Water Treatment Plant on March 26, 2025. Plant maintenance is ongoing.</p>	EA			X
5	91864006	Anderson Dam Tunnel (FOCP)	Construction	<p>The contractor has begun constructing the tunnel's final lining, including the installation of the waterproofing membrane and articulated joint reinforcement. For the Diversion Outlet Structure (DOS), the Contractor installed stairways, bracing, and handrails, as well as the rebar and formwork for the DOS butterfly valve pipe pedestal. The construction of the North Weir and tree removal, grading, and hydroseeding for the North Channel Extension have been completed. An increase of \$40M to the contract contingency was approved by the Board on January 28, 2025.</p>	RM			X
6	91864010	Cross Valley Pipeline Extension (FOCP)	Closeout	<p>Successful commissioning was completed by Valley Water staff on October 3, 2024. The Board approved the Notice of Completion and Acceptance of Work on January 14, 2025.</p>	RM	X		
7	91864008	Coyote Creek Chillers Plant (FOCP)	Construction	<p>Delivery of the modular chiller plant has been postponed until the slab is completed, which is expected by the end of March 2024. An increase of \$4.5M to the contract contingency was approved by the Board on Jan. 14, 2025. Construction completion is currently anticipated for summer 2025.</p>	RM	X		

8	91864007	Coyote Creek Flood Management Measures (FOCP)	Construction	Minor punch list and restoration items are ongoing and on target to finish in early March 2025, and will be followed by a three-year plant establishment maintenance period. Board acceptance of Milestone #1 work is tentatively planned for late April or early May 2025 and will be followed by a three-year plant establishment and maintenance period.	BY	X		
9	91864009	Coyote Percolation Dam Replacement (FOCP)	Construction	The in-creek improvements, including the new rubber dam installation, fish ladder weir gates, and rock slope protection, were completed in early December 2023. Several break ins resulting in damage to the electrical facilities occurred in June and July 2024. The contractor will perform all other construction work not impacted by PG&E electric service. The electrical repairs and security enhancements were completed in February 2025. Construction completion is anticipated for March 2025.	BY	X		
				PG&E's easement from Santa Clara County is being negotiated between the County and PG&E. Once approved by the Board of Supervisors and executed between both parties, PG&E will schedule the field work to install the new power service for the rubber dam. Once the service is completed, Valley Water electrical staff will complete the final connections to the rubber dam and fish ladder facilities.				
<b>Flood Protection</b>								
10	40174005	Berryessa Creek, Calera Creek to Calaveras Blvd, Phase 2	Plant Est.	On June 27, 2023, the Board accepted the civil work as complete on the Lower Calera Creek Flood Protection Project (Stage #1). The waterline leak repairs were completed in April 2024. The three-year plant establishment and maintenance phase (Stage #2) has begun and is anticipated to be completed by February 2026.	BY	X		
11	26174051 26174052 26174054 26174055	Llagas Creek – Upper, Buena Vista Avenue to Llagas Road (SCW E6)*	Construction	The Phase 2A Notice of Completion was approved by the Board of Directors on January 28, 2025. Phase 2B construction continues, and the contractor has completed tree removals and commenced sewer work on Hale Ave., as well as work on the weir inlet structures. Construction is expected to be completed in March 2027, followed by a three-year plant establishment phase.	BY	Phase 1	Phase 2A	
12	62084001	Watershed Asset Rehabilitation Program (WARP)	Plant Est.	<b>Calabazas Creek Rehabilitation Project:</b> Currently in the plant establishment phase through December 2029. Although the civil construction phase was completed in winter 2023, the storms of 2023 resulted in additional erosion that was required to be addressed by the regulatory agencies. Staff is preparing design plans to address the post-construction erosion repairs and has tentatively planned for summer 2025 construction, pending regulatory agencies' approvals.	BY	X		
13	00044026	San Francisco Bay Shoreline – Phase I (EIA 11)	Construction	Construction of levees in Reaches 1-3, located between the Alviso Marina and U.S. Fish and Wildlife Service Don Edwards San Francisco Bay National Wildlife Refuge Environmental Education Center, is ongoing. The US Army Corps of Engineers (USACE) awarded the construction contract and work began on December 6, 2021(USACE) awarded the construction contract and work began on December 6, 2021. Most recent construction activities include dewatering, rodent control fencing installation, board walk construction, and water control structure construction, with final activities anticipated to be completed in late August 2025.	BY	N/A	USACE Const.	
<b>Buildings &amp; IT</b>								
14	73274002	ERP System Implementation	Construction	The project team is now developing requirements for the replacement of the Infor ERP system. The initial focus is on replacing the Timekeeping/Payroll, Expense Management systems, and procurement subsystems	CL	N/A	N/A	N/A

15	73274009	Data Consolidation	Construction	The Human Resources Division (HR) implemented Hyland's OnBase enterprise information platform and scanned their paper archives. This effort digitized over 80 document types into a new paperless system. HR went live with the system in June 2023. The project team is currently working to determine the most efficient repository for Community Projects Review Unit documents moving forward.	CL	N/A	N/A	N/A
16	60204022	Security Upgrades and Enhancements	Construction	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 on December 10, 2024. The Notice to Proceed was issued on December 30, 2024 and construction is underway. Phase 2, focusing on surveillance and access control replacement, is in the design phase, where staff are working with a consultant to develop system requirements and a scope of work for replacing the existing security system. 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	X		

\*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.: 24-1083

Agenda Date: 3/17/2025

Item No.: 4.3.

## 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 West, Inc. (FWI), 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 information regarding approved change orders, pending change orders, and the cumulative amounts.

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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. 49) to present to the CIP Committee. The estimated value of CCO No. 49 is \$23,490.00. Two attachments, providing information on construction contract change orders (Attachment 1) and construction contract financials (Attachment 2), are included for reference.

#### **Contract Change Order #49**

1. **North Weir Mud Mat Roughening** - Upon placement of the north weir concrete mud mat, it was determined that roughening of the mud mat surface was necessary to ensure proper bonding with the structural slab that is placed on top of the mud mat and to alleviate any concerns of a cold joint. The work was performed on a time and material basis which utilized walk-behind scabbler equipment to achieve the required roughness on the mud mat surface. This work is valued at \$23,490.00

### **ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:**

There are no environmental justice and equity impacts associated with this item. This action is unlikely to or will not result in adverse impacts and is not associated with an equity opportunity.

### **ATTACHMENTS:**

Attachment A: Government Code §84308

Attachment 1: Construction Contract Change Orders Status

Attachment 2: Construction Contract Financial Status

### **UNCLASSIFIED MANAGER:**

Ryan McCarter, 408-630-2983

Attachment A – Gov. 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 West, Inc.	Shawn Golden	Vice President	2100 Goodyear Rd. Benicia, CA 94510

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
		4/27/2021	<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	10/18/2022	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
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	Quantity 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

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

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
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 Landslide 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
42	12/16/2024	12/18/2024	Migratory Bird LSAA Impact Price Adjustment, Bid Item 11a - Other Wildlife and Fish Species Allowance Increase,TIA 05, 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
<b>CONTINGENCY INCREASE</b>	-	<b>1/28/2025</b>	<b>CONTRACT CONTINGENCY FUND INCREASE</b>	<b>\$40,000,000.00</b>	<b>\$49,132,641.42</b>	<b>Board</b>	<b>Approved</b>
44	1/20/2025	TBD	24" and 96" Steel Pipe Extension Installation Cost	\$1,531,655.00	\$47,600,986.42	ACEO	Pending
45	1/20/2025	TBD	Bid Item No. 5b – 18.5 Foot Diameter Tunnel Excavation Class 4, Unit Price Adjustment, Bid Item No. 11b Increase – Sensitive Plants and Vegetation, Specialized Pipe Support Embeds, Increase to Bid Items 2h, 2i, 2j and 2k	\$1,809,392.72	\$45,791,593.70	ACEO	Pending
46	2/18/2025	TBD	Time Related Overhead for Time Impact Analysis (TIA) 005	\$4,000,730.10	\$41,790,863.60	CEO	Pending
47	2/18/2025	TBD	Trash Rack Foundation Design Changes Allowance Overrun, North Channel Boulder Import Costs, Tunnel Rescue Team, North Weir Over Excavation and Test Pits	\$991,790.00	\$40,799,073.60	ACEO	Pending
48	3/05/2025	TBD	Revised Final Tunnel Lining	\$17,000,000.00	\$23,799,073.60	CEO	Pending
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	\$23,799,073.60	UM	Approved

**New CCOs for CIP Committee**

Pending CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
49	3/17/2025	TBD	North Weir Mud Mat Roughening	\$23,490.00	\$23,775,583.60	UM	Pending
<b>Total CCOs Approved</b>	<b>44</b>			<b>Total</b>	<b>\$30,867,358.58</b>	<b>\$49,132,641.42</b>	
<b>Total CCOs Pending</b>	<b>6</b>			<b>Total</b>	<b>\$25,357,057.82</b>	<b>\$23,775,583.60</b>	

Total Number of COs (Approved & Pending)	Total Amount of COs (Approved & Pending)
50	\$56,224,416.40

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

Bid Item No.	Description	Amount	Balance Remaining	Billing Through January 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	\$ 322,757.78	94.4%	\$ 5,390,242.22
3	DIVERSION PORTAL	\$ 6,173,496.00	\$ 253,886.40	95.9%	\$ 5,919,609.60
4	LAKE-TAP PORTAL	\$ 4,215,000.00	\$ 252,355.00	94.0%	\$ 3,962,645.00
5	TUNNEL EXCAVATION AND LINING	\$ 47,438,325.00	\$ 19,541,253.30	58.8%	\$ 27,897,071.70
6	SHAFT EXCAVATION AND LINING	\$ 10,100,000.00	\$ 4,336,360.00	57.1%	\$ 5,763,640.00
7	MICROTUNNEL	\$ 9,982,000.00	\$ 23,865.00	99.8%	\$ 9,958,135.00
8	DIVERSION OUTLET STRUCTURE	\$ 48,678,550.00	\$ 16,942,885.35	65.2%	\$ 31,735,664.65
9	COYOTE CREEK MODIFICATIONS	\$ 6,421,550.00	\$ 20,000.00	99.7%	\$ 6,401,550.00
10	SUPPLEMENTAL WORK ITEMS	\$ 5,668,400.00	\$ 131,500.00	97.7%	\$ 5,536,900.00
11	ALLOWANCES	\$ 600,000.00	\$ 140,095.89	76.7%	\$ 459,904.11
		Total Original Contract Amount	Total Balance Remaining	Percent (%) Billed	Total Billed To Original Contract Amount
		\$ 161,140,321.00	\$ 43,747,708.72	73%	\$ 117,392,612.28

CCOs	Description	Amount	Balance Remaining	Billing Through January 2025	
				Percent (%)	Amount
CCO 1-43	CONTRACT CHANGE ORDERS (CCO)	\$ 30,867,358.63	\$ 6,824,947.02	78%	\$ 24,042,411.61
		Total Contract Amount Including CCOs	Total Balance Remaining Including CCOs	Total Percent (%) Billed Including CCOs	Total Billed Including CCOs
		\$ 192,007,679.63	\$ 50,572,655.74	74%	\$ 141,435,023.89

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# Santa Clara Valley Water District

File No.: 25-0195

Agenda Date: 3/17/2025

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 Upcoming Consultant Agreement Amendments for Capital Projects.

### **RECOMMENDATION:**

Receive information on upcoming consultant agreement amendments for capital projects.

### **SUMMARY:**

At the March 28, 2017, meeting, the Board of Directors approved revising the Capital Improvement Program (CIP) Committee's purpose to include monitoring the implementation progress of key projects in the CIP. At their June 29, 2020 meeting, the CIP Committee requested that this topic be added as a standing item on all future CIP Committee meeting agendas and that staff provide updates on consultant agreement amendments for capital projects, which may include modifications to scope, schedule, and/or budget.

There is one consultant agreement amendment for capital projects presented in this memorandum for the Committee's information:

- 1. Amendment No. 10 to Agreement No. A3676A with URS Corporation for Design Services for the Anderson Dam Seismic Retrofit Project No. 91864005, and Engineering Support During Construction for the Anderson Dam Tunnel Project No. 91864006 (Cost Increase, Time Extension, Scope Change, Administrative Updates) (R. McCarter)**

Staff will recommend Board approval of Amendment No. 10 to Agreement No. A3676A with URS Corporation (Consultant) for design services for the Anderson Dam Seismic Retrofit Project (ADSRP) No. 91864005, and engineering support during construction for the Anderson Dam Tunnel Project (ADTP) No. 91864006. The Amendment will add to the existing scope, increase the not-to-exceed (NTE) Fee by \$15,496,898 for a total NTE Fee of \$83,455,670, extend the Agreement Term from December 31, 2025, to December 31, 2027, and incorporate administrative updates, which include adding requirements of the Water Infrastructure Finance and Innovation Act (WIFIA) Program.

The ADSRP addresses dam safety concerns related to the performance of Anderson Dam. Anderson Reservoir has been operated under restriction since December 2008. Upon completion of the ADSRP, Anderson Reservoir will return to its original storage capacity.

Pursuant to Agreement A3555A, the Consultant has been providing design services for the ADSRP and engineering support during construction for the ADTP. Design of the ADSRP is progressing toward 100-percent completion and construction for the ADTP is ongoing and currently scheduled to be completed in October 2025.

Amendment No. 10 will allow the Consultant to address project design changes for the ADSRP, as well as comments from staff, the Federal Energy Regulatory Commission, California Department of Water Resources Division of Safety of Dams, and an independent Board of Consultants. Amendment No. 10 will also allow the Consultant to continue providing design support during construction of the ADTP.

Brief descriptions of the additional scope items and associated costs included in Amendment No. 10 are provided below.

Task 1: Additional Project Management Services for the extended term of the Agreement from December 31, 2025, to December 31, 2027. (\$2,210,297)

Task 2A: Additional effort to update the Geotechnical Data Report and Site Geologic Map with new information. (\$250,930)

Task 3A: Additional effort to update the Geotechnical Baseline Report with new information. (\$27,876)

Task 3B: Additional effort to complete the design of Live Oak Park Restoration. (\$86,800)

Task 7: Additional effort to address design review comments from staff, County Parks, the Federal Energy Regulatory Commission (FERC), the California Department of Water Resources, Division of Safety of Dams (DSOD), and the independent Board of Consultants (BOC). (\$3,430,487)

Task 8: Additional effort to support Best Value selection of the construction contractor for the ADSRP. (\$358,875)

Task 9: Additional Supplemental Services for the ADSRP and the ADTP. (\$8,131,619)

Task 10: Additional engineering support during construction for the ADTP including accommodating a longer duration of construction, which is currently scheduled to be completed in October 2025. (\$1,000,014)

**ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:**

There are no environmental justice and equity impacts associated with this action.

**ATTACHMENTS:**

Attachment A: Government Code §84308

**UNCLASSIFIED MANAGER:**

Ryan McCarter, 408-630-2983

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Attachment A  
Government Code §84308

Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects.

List of Parties and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
URS Corporation	Ted Feldsher	Vice President	300 Lakeside Drive Suite 400 Oakland, CA 94612

List of Participants and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
URS Corporation	John Roadifer	Project Manager. Engineering Manager, Dam Engineering, Borrow/Disposal Areas, and Plans and Specifications, and Constructability / Scheduling/Cost Estimating	300 Lakeside Drive, Suite 400 Oakland, CA 94612
URS Corporation	Mike Forrest	Deputy Project Manager and Lead Geotechnical Engineer	300 Lakeside Drive, Suite 400 Oakland, CA 94612
URS Corporation	Sathish Murugaiah	Deputy Project Manager	300 Lakeside Drive, Suite 400 Oakland, CA 94612
URS Corporation	Michael Onnen	Deputy Project Manager	300 Lakeside Drive, Suite 400 Oakland, CA 94612
URS Corporation	Erik Newman	Lead Dam Engineer, Plans and Specifications	300 Lakeside Drive, Suite 400 Oakland, CA 94612
URS Corporation	Trenton Hughes	Lead Tunnel Engineer	13355 Noel Road, Dallas, TX 75240
URS Corporation	Adam Carlton	Lead Structural Engineer, Spillway Design, and Reservoir and System Operations	1111 3rd Avenue, Suite 1600 Seattle, WA 98101
URS Corporation	Craig Smith	Outlet Works Design, and Structural Engineering	300 Lakeside Drive, Suite 400 Oakland, CA 94612

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
URS Corporation	David Simpson	Borrow/Disposal Areas, Geologic Mapping and Characterization, and Geologic / Geotechnical Field Investigations, Seismic Hazards/Fault Evaluation	300 Lakeside Drive, Suite 400 Oakland, CA 94612
URS Corporation	Steve Leach	Environmental Planning and Coordination/Liaison	300 Lakeside Drive, Suite 400 Oakland, CA 94612
URS Corporation	Rajendram Arulnathan	Technical Reviewer	300 Lakeside Drive, Suite 400 Oakland, CA 94612
URS Corporation	Greg Reichert	Technical Reviewer	300 Lakeside Drive, Suite 400 Oakland, CA 94612
5RMK, Inc.	Bruce Larabee	Review the Earthwork Production Assumptions	3685 Mt. Diablo Blvd, Suite 349 Lafayette, CA 94579
ALS Group USA	Letha Carter	Baseline Air Sample Testing	10450 Stancliff Rd, Suite 210 Houston, TX 77099
Anchor Engineering, Inc.	Christopher Coles	Constructability / Scheduling and CADD	3685 Mt. Diablo Blvd, Suite 349 Lafayette, CA 94579
Asbestos TEM Laboratories, Inc.	Rose Yapching	NOA Testing	600 Bancroft Way, Suite A Berkeley, CA 94710
Belshire Environmental Services, Inc.	Jacob Han	Non-Hazard Soil and Water Removal	25971 Towne Centre Drive Foothill Ranch, CA 92610
Beyaz and Patel, Inc.	Subhash Patel	Outlet / Pipeline Engineering	16885 W. Bernardo Dr., Suite 325 San Diego, CA 92127
Brightview Landscape Services, Inc.	Jaziel Mascorro	Brush Clearing and Mowing	450 Phelan Ave. San Jose, CA 95112
Cascade Drilling, L.P.	Greg Zekoff	Drilling from Barge	7773 W. Seldon Lane Peoria, AZ 85345
Colorado State University	Christopher Thornton	Testing to Evaluate ACB Revetment System	Research Engineering Center Foothills Campus Fort Collins, CO 90523
Concentric Environmental, LLC	Kevin Graf	Air Monitoring Support	5422 Shafter Ave #2 Oakland, CA 94618

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
Confluence Restoration	Ryan Yarbrough	Seeding and Container Planting	721 Seaside St Santa Cruz, CA 95060
Cooper Testing Labs, Inc.	Peter Jacke	Laboratory Services	937 Commercial Street Palo Alto, CA 94303
Cornerstone Environmental Contractors, Inc.	Randy Fowler	Excavation of Test Pits	P.O. Box 5127 Concord, CA 94524
Design and Construction Management Services, Inc.	Sherman Honeycutt	Constructability / Scheduling	2040 Shady Creek Place Dublin, CA 94526
dot.dat.inc.	Dotti Nelson	Database and gINT Logs	4 Sweetwater Irvine, CA 92603
Ed Rossillon	Ed Rossillon	Hydraulics Analysis	6505 W. 31st avenue Wheat Ridge, CO 80214
EO59, LLC	Alfredo Rocca	InSAR Assessment & Monitoring	4445 Corporation Lane, Ste 264 Virginia Beach, VA 23462
EROCK Associates, LLC	Eric Bennett	Blasting Activities & Specifications	PO Box 1772 Nevada City, CA 95959
Eurofins Calscience, Inc.	Vikas Patel	Environmental Laboratory Sample Testing	2841 Dow Ave, Suite 100 Tustin, CA 92780
F.W. Associates, Inc.	Munson Fong	Electrical Engineering	330 Franklin Street, Suite 400 Oakland, CA 94607
Fugro USA Land, Inc.	Jeffrey Locke	Laboratory Testing on Test Fill	6100 Hillcroft Houston, TX 77081
GeoDatabase Solutions	Dave Kyllonenx	Geotechnical / Subsurface	5594 Woodview Dr. Richmond, CA 94803
Geosyntec Consultants, Inc.	Lelio Mejia	Review Work Products	1111 Broadway, 6th Floor Oakland, CA 94607
Ground Penetrating Radar Systems, LLC (GPRS)	Amber Ellis	Underground Utilities Search Using Underground Scanning GPR	1901 Indian Wood Circle (Corporate) Maumee, OH 43537
Haley & Aldrich, Inc.	Kate Krug	UAV Work and Base Map Development	785 Ygnacio Valley Rd. Walnut Creek, CA 94596

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
Henry T. Falvey and Associates, Inc.	Henry Falvey	Hydraulics Analysis	11624 Blackfoot Road Conifer, CO 80433
H.T. Harvey & Associates	Stephen Rottenborn	Spillway Investigation Biological / Permitting	983 University Ave., Bldg D Los Gatos, CA 95032
Innovation Construction Solutions, Inc.	Eric Rager	Excavation of Trenches	2525 Stanwell Dr, Suite 200 Concord, CA 94520
Inspection Services, Inc.	Leslie Sakai	Laboratory Services	211 10th Street, Suite 222 Oakland, CA 94607
Intermountain GeoEnvironmental Services, Inc	Dan Seely	Laboratory Services	2702 South 1030 West, Suite 10 Salt Lake City, UT 84119
JWF Consulting, LLC	John France	Constructability Risk	6553 East Costilla Place, Centennial, CO 80112
Kinnetic Laboratories, Inc.	Ken Kronschnabl	Sediment Sampling	307 Washington Street Santa Cruz, CA 95060
Lee C. Gerbig, LLC	Lee Gerbig	Mechanical Engineering	5555 Royal Troon Way Avon, IN 46123
Lettis Consultants International, Inc.	John Baldwin	Seismic Hazards / Fault Evaluation	1981 N. Broadway, Suite 330 Walnut Creek, CA 94596
M. Lee Corporation	Martin Lee	Cost Estimating	311 California Street, Suite 610 San Francisco, CA 94104
Marina Dee Design	Marina Dee	CADD	55 New Montgomery St, Suite 203 San Francisco, CA 94105
Marsh Wagner, Inc.	Carlos Jaramilla	Tunnel Materials Review	175 S. 3rd St, Suite 200 Columbus, OH 43215
NORCAL Geophysical Consultants, A Terracon Company	Donald Kirker	Geophysical Surveys	321A Blodgett Street Cotati, CA 94931

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
Northwest Hydraulic Consultants, Ltd.	Brian Hughes	Hydraulic Physical Modeling, Physical Model Testing	30 Gostick Place North Vancouver, BC, Canada V7M 3G3
Prohaska's Drafting Services	John Prohaska	CADD	131 Surrey Lane San Rafael, CA 94903
Robert Y. Chew Geotechnical, Inc.	Robert Chew	Geotechnical Field Investigations	55 New Montgomery Street, Suite 222 San Francisco, CA 94105
Rope Partner	Josh Crayton	Inspection of Weep Holes in Spillway	125 McPherson Street Santa Cruz, CA 95060
SOHA Engineers	Stephen Lau	Spillway Design Support	48 Colin P. Kelly Jr. Street San Francisco, CA 94107
Taber Drilling	Brian Young	Geotechnical Exploration	536 Galveston Street West Sacramento, CA 95691
Telamon Engineering Consultants, Inc.	Mennor Chan	Civil/Roads / Utilities Design and Surveying	855 Folsom Street, Suite 142 San Francisco, CA 94107
Texas A&M Transportation Institute	Cecily Sebesta	Erosion Sample Testing	TAMU 3135 College Station, TX 77843
V and A Consulting Engineers, Inc.	Jose Villalbos	Corrosion Engineering	155 Grand Avenue, Suite 700 Oakland, CA 94612

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# Santa Clara Valley Water District

File No.: 24-1097

Agenda Date: 3/17/2025

Item No.: 4.5.

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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 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 AND EQUITY IMPACT:**

There are no environmental justice and equity 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	Jun	Jul	Aug	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				X				

### CIP Implementation

Master Plan/Implementation Projects			X									
10-Year Pipeline Inspection and Rehabilitation Project				X								
Calero & Guadalupe Dams Seismic Retrofit - Design & Construction Projects												
Guadalupe River – Upper, SPRR to Blossom Hill Rd, funding requirements and local sponsors							X					

### CIP Development

CIP Development Process										X		
• Annual CIP Development Process, Integrated Financial Planning, and Review of CIP FY2025-29 Five-Year Plan Projects by Category												
• 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
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										

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