



## **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, May 19, 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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Expressway, San Jose, California  
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<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 April 21, 2025 Capital Improvement Program Committee Minutes.

25-0478

Recommendation: Approve the minutes.  
Manager: Candice Kwok-Smith, 408-630-3193  
Attachments: [Attachment 1: 042125 CIP Committee Draft Minutes](#)  
Est. Staff Time: 5 Minutes

#### 4. REGULAR AGENDA:

4.1. Receive and Discuss Information Regarding the Status of Capital Projects in the Design and Permitting Phase. [24-1088](#)

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

Manager: Bhavani Yerrapotu, 408-630-2735  
Emmanuel Aryee, 408-630-3074  
Ryan McCarter, 408-630-2983  
Tony Ndah, 408-630-2208  
Lisa Bankosh, 408-630-2618

Attachments: [Attachment 1: Design and Permitting Report](#)

Est. Staff Time: 10 Minutes

4.2. Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects. [25-0435](#)

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

Manager: Ryan McCarter, 408-630-2983  
Emmanuel Aryee, 408-630-3074  
Kirsten Struve, 408-630-3138

Attachments: [Attachment A: Government Code § 84308](#)  
[Attachment 1: Administratively Approved Time-Only Extensions](#)

Est. Staff Time: 5 Minutes

4.3. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract. [24-1085](#)

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

4.4. Review 2025 Capital Improvement Program Committee Work Plan. [25-0436](#)

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 June 16, 2025.

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# Santa Clara Valley Water District

File No.: 25-0478

Agenda Date: 5/19/2025

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 April 21, 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: 042125 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

**MONDAY, April 21, 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. A quorum was present.

Staff members in attendance were: Gina Adriano, Emmanuel Aryee, Lisa Bankosh, Erin Baker, Sarah Berning, Mark Bilski, Sam Bogale, James Bohan, John Bourgeois, Rita Chan, Barton Ching, Theresa Chinte, Jen Codianne, Jessica Collins, Enrique De Anda, Jiana Escobar, Meenakshi Ganjoo, Rachael Gibson, Joshua Golka, Samantha Greene, Christopher Hakes, Linh Hoang, Cody Houston, Candice Kwok-Smith, Peggy Lam, Elise Latedjou-Durand, Cecil Lawson, Dave Leon, Tin Lin, Kurt Lueneburger, Jennifer Martin, Patrice McElroy, Tony Ndah, Carlos Orellana, Luz Penilla, Steve Peters, Alison Phagan, Melanie Richardson, Don Rocha, Ray Ruiz, Amandeep Saini, Miguel Silva, Stephanie Simunic, Diahann Hudson Soleno, Kirsten Struve, Charlene Sun, Matthew Tan, Darin Taylor, Odilia Teixeira, Jose Villarreal, Bhavani Yerrapotu, and Beckie Zisser.

Public in attendance were: XXX-XXX-5815, Shiloh Ballard, Rebecca Eisenberg, Helen H., Itzia, Rick, and SJ.

**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 March 17, 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 Overview Report on the 10-Year Pipeline Inspection & Rehabilitation Program, Project No. 95084002.

Recommendation: Receive overview report on the 10-Year Pipeline Inspection & Rehabilitation Program.

Tin Lin and Emmanuel Aryee reviewed the information on this item, per the attached Committee Agenda Memo, and the corresponding presentation materials contained in Attachment 1 and were available to answer questions.

Public Comments: None.

The Committee received the information and took no formal action.

- 4.2. 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.

Ryan McCarter, Kirsten Struve, Luz Penilla, Emmanuel Aryee, Bhavani Yerrapotu, Lisa Bankosh, 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: Ryan McCarter reviewed rows

marked RM, Kirsten Struve reviewed rows marked KS, Luz Penilla reviewed rows marked LP, Emmanuel Aryee reviewed rows marked EA, Bhavani Yerrapotu reviewed rows marked BY, Lisa Bankosh reviewed rows marked LB, and Tony Ndaah reviewed rows marked TN. Ryan McCarter, Kirsten Struve, Luz Penilla, Emmanuel Aryee, Bhavani Yerrapotu, Lisa Bankosh, and Tony Ndaah were available to answer questions.

Public Comments: None.

The Committee received the information and took no formal action.

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

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

Kirsten Struve reviewed the information on this item, per the attached Committee Agenda Memo, and was available to answer questions.

Public Comments: None.

The Committee received the information and took no formal action.

**4.4. 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 relating to the work plan and took no formal action. Director Beall requested a meeting with staff to discuss timelines relating to the Anderson Dam Tunnel Project and the Anderson Dam Seismic Retrofit Project.

Chairperson Hsueh reviewed the information contained in Attachment 2 and recommended that discussion of the Pacheco Reservoir Expansion Project remain with the Water Supply and Demand Management Committee.

The Committee received the information relating to the memo submitted by Chairperson Hsueh and took no formal action. Director Beall noted that he would request further discussion of Pacheco with the full Board.

## **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 11:53 a.m.

Dave Leon  
Assistant Deputy Clerk II

Date Approved:



# Santa Clara Valley Water District

File No.: 24-1088

Agenda Date: 5/19/2025

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 and Discuss Information Regarding the Status of Capital Projects in the Design and Permitting Phase.

### **RECOMMENDATION:**

Receive and discuss information regarding the status of capital projects in the design and permitting phase.

### **SUMMARY:**

The 2024 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 design/permitting 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 is a list of projects in the design and permitting 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 AND EQUITY IMPACT:**

There are no environmental justice and equity impacts associated with presenting updates on Capital Improvement Program Projects in the design phase to the CIP Committee. This action is not associated with an equity opportunity.

### **ATTACHMENTS:**

Attachment 1: Design and Permitting Report

**UNCLASSIFIED MANAGER:**

Bhavani Yerrapotu, 408-630-2735  
Emmanuel Aryee, 408-630-3074  
Ryan McCarter, 408-630-2983  
Tony Ndah, 408-630-2208  
Lisa Bankosh, 408-630-2618

## Capital Project Monitoring Report - May 2025

### Design and Permitting Phase

Row	Project No.	Project Name	Plans & Specs	Notes, Upcoming Board Actions or potential issues	Deputy's Initials	Planned CM Services	
					Internal	External	Combination
<b><u>Water Supply</u></b>							
1	91234002	Coyote Pumping Plant ASD Replacement	90%	The 100% design is scheduled to be completed in June 2025. Staff is currently reviewing submittals for the procurement of long lead equipment. Construction activities are anticipated to begin in late 2025.	EA		X
2	95084002	10-Yr Pipeline Inspection & Rehabilitation (West Pipeline)	100%	The Board awarded the construction contract to Con-Quest Contractors in December 2024, and the Notice to Proceed was issued in January 2025. Submittal reviews and procurement of long-lead items have started. Mobilization is to occur between June and July 2025. Construction activities for Phase 1 are anticipated to begin in July 2025.	EA	X	
3	92304001	Almaden Valley Pipeline Replacement	90%	The 90% design was completed in December 2024. 100% design is anticipated to be complete in August 2025. Construction activities are anticipated to begin in early 2026.	EA	X	
4	26764001	IRP2 Additional Line Valves (A3)	100%	The design of all four line valves is complete. Construction activities for the Quito line valve will commence under the West Pipeline Inspection and Rehabilitation (Phase 1) Project, with installation expected to begin in November 2025. For the remaining three line valves, two will be installed under the West Pipeline Inspection & Rehabilitation (Phase 2) and East Pipeline Inspection & Rehabilitation Projects anticipated to begin in November 2026, while the third line valve will be installed under the Santa Teresa Force Main Inspection and Rehabilitation Project anticipated to begin in November 2027.	EA	X	
5	92144001	Pacheco/Santa Clara Conduit Right-of-Way Acquisition	N/A	Easement negotiations with property owners are ongoing, and permits to construct driveways, gravel, and gates are expected to be secured by August 2025. Construction activities are anticipated to begin October 2025.	EA	X	
6	94084007	Treated Water Isolation Valves	90%	The 90% design was completed in January 2025. The 100% design was completed in April 2025. Construction activities are anticipated to begin in late 2025 as part of the West Pipeline I&R Project, Phase 2.	EA	X	
7	92264001	Vasona Pump Station Upgrade	30%	The draft Initial Study/Mitigated Negative Declaration (IS/MND) closed for public review in January 2025. The Final MND is being prepared, and a public hearing for the Engineer's Report and Final MND is anticipated to occur in August 2025. Staff updated the Project Plan and the Design Phase Work Plan and continues to update the 30% design. Construction activities are anticipated to begin in late 2026.	EA		X
8	93234044	Penitencia WTP Residuals Management	100%	The public hearing for the Engineer's Report and Final MND was held on April 8, 2025. The Board adopted the Final MND and Mitigation Monitoring and Reporting Program (MMRP), approved the Engineer's Report and Project. The 100% design is anticipated to be completed in June 2025.	EA	X	
9	91094001	Land Rights - South County Recycled Water Pipeline	N/A	Work is underway to determine the location of the pipeline. The CADD documentation of the entire pipeline location to determine Right of Way and obtain missing title reports is expected to be completed by April 2025. Negotiations for easement acquisitions are expected to be complete by June 2026. This project is just for land acquisition.	EA	N/A	
10	91854003	Almaden Calero Canal Rehabilitation	30%	The design consultant has begun gathering the necessary data for the Preliminary Design, which is estimated to be completed by May 2025. The Environmental Impact Report (EIR) Notice of Preparation is anticipated to be completed in July 2025, and construction activities are anticipated to begin in the summer of 2026.	EA	TBD	

11	91854001	Almaden Dam Improvement Project	N/A	<p>The project is set to resume, with coordination meetings in progress. The design will kick off in June 2025, alongside environmental documentation and permitting activities starting that same year. Construction is planned to begin in 2030.</p> <p>The 100% design documents are being finalized and periodically submitted for review to the Federal Energy Regulatory Commission (FERC), the Board of Consultants (BOC), and the Division of Safety of Dams (DSOD).</p>	RM	X
12	91864005	Anderson Dam Seismic Retrofit (C1: Fund Transfer KPI)	100%	<p>The Final (EIR) was certified by the Valley Water Board of Directors as the lead agency on February 25, 2025. Valley Water is working with FERC and the United States Army Corps of Engineers (USACE) to ensure National Environmental Protection Act (NEPA) coordination among federal agencies engaged with the Project. Valley Water submitted Federal and State natural resource agency permit applications in June 2024. Final state permits are anticipated in summer 2025, and the Federal permit is expected in early 2026. Valley Water received the final US Fish and Wildlife Service (USFWS) Biological Opinion on March 21, 2025.</p> <p>Planning remains ongoing for best value procurement of the construction contract. The Request for Prequalification Applications closed on February 19, 2025. Prequalification Applications are under review and results will be posted in May 2025. Award of the construction contract is scheduled for June 2026. Construction is anticipated to begin in January 2027.</p>	RM	X
13	91874004	Calero Dam Seismic Retrofit Project - Design & Construction	60%	<p>Preparation of Technical Memoranda, which will provide the Basis of Design, is underway. The construction will be carried out in two phases to expedite project delivery. The first phase of construction will involve embankment retrofit, spillway construction, and the work at Fellows Dike / Bailey House. The 50% design package for this phase of work is planned to be submitted in the summer of 2025. The second phase will involve the construction of the new outlet works. Additionally, work is underway to identify the required environmental studies and modeling necessary to support the environmental planning compliance efforts. Staff and the consultant team will provide a detailed design update to the CIP Committee in the fall of 2025. Preparation of the Draft EIR is also underway.</p>	RM	X
14	91894002	Guadalupe Dam Seismic Retrofit - Design & Construct	90%	<p>To expedite project delivery, the construction will be carried out in two phases. The first phase of construction will involve embankment retrofit, spillway construction, and the refurbishment of the existing intake riser pipe inside the reservoir. The second phase will involve the construction of the new outlet works. Staff is finalizing an amendment to the design consultant agreement due to the above highlighted changes in the scope of work for the consultant. Work has continued on the development of a concept design to rehabilitate the existing intake riser pipe. The concept design has been shared with DSOD for their review, with the 60% design package for the first phase of the project expected late-2025. Additionally, work is underway to identify the required environmental studies and modeling necessary to support the environmental planning compliance efforts.</p>	RM	X

15	91954002	Pacheco Reservoir Expansion	60%	Staff and the consultant team continue to work on addressing the Draft EIR comments and developing the Recirculated Draft EIR. The full 60% submittal will not be complete until after the Design Level Geotechnical Investigations (DLGI) have concluded. The geotechnical field investigations were paused in May 2023 in response to a court order. The team released the draft IS/MND in June 2024, the Draft EIR for the proposed DLGI was released on March 11, 2025, with public comments due on April 25, 2025.	RM	X	
				The project team presented a general update, including a schedule update, to the Board's Water Supply and Demand Management (WSDM) Committee on January 27, 2025, and presented the update to the Board of Directors on March 11, 2025. The project team presented an update on partnerships to the WSDM Committee on May 5, 2025.			
<b>Flood Protection</b>							
16	26174043	Coyote Creek, Montague Expressway to Tully Road (SCW E1)*	90%	Staff is working on preparing a 100% design and addressing the comments received from City of San Jose and other stakeholders on the 90% design. The final design is anticipated to be completed in July 2025. Valley Water's Board of Directors certified the Final EIR in March 2025. Staff is also working on real estate acquisitions to obtain the land rights needed for construction and future maintenance. Construction is anticipated to start in mid-2026 and be completed in 2028.	BY	X	
17	00044026	San Francisco Bay Shoreline, EIA 11 - Alviso Slough to Coyote Creek	Prelim	<p>The United States Army Corps of Engineers (USACE) is conducting preliminary design based on recommendations from their value engineering study of Reaches 4-5 and remaining project elements. USACE has recently notified Valley Water that further design development of the value engineered alignment presents a significant increase to the project cost, and they would be reverting back to the original alignment for Reaches 4 and 5 with some additional improvements added per the recommendations of their internal review teams. USACE expects to present the next iteration of the designs and cost estimates by September 2025.</p> <p>Meanwhile, staff continues to work with the City of San Jose to identify and develop proposals for cost savings, specifically on options to pay for Pond A18 by securing mitigation credits for the Regional Wastewater Facility in lieu of cash.</p>	BY	N/A	USACE construction
18	26324001	Upper Penitencia Creek, Coyote Creek to Dorel Drive (SCW E4)*	Prelim	As part of the proposed CIP FY26-27 Five-Year Plan and in accordance with funding prioritization, this project is proposed to be deferred to FY30. Project design will recommence in FY30. Staff will continue to look for grant opportunities and work on land dedication agreement.	BY	TBD	
19	26074002	Sunnyvale East and West Channels (SCW E2)*	90%	Due to a significant time lapse since the previously approved permits, resource agencies required resubmission of the permit applications, which was completed in January 2025. Initial comments on the permit applications have been received, and staff continues to work with the agencies to address them. Plans and specifications continue to be developed with additional survey and field information and will be finalized with the inclusion of any permit conditions anticipated to be received by September 2025. Valley Water continues to coordinate with the City of Sunnyvale on a shared wall (floodwall-security wall) at their wastewater treatment plant (West Channel) as well as other access and City permits needed for the Project.	BY	X	
20	26284002	San Francisquito Creek – S.F. Bay to Middlefield Road (SCW E5)*	N/A	The project is currently being led by the San Francisquito Creek Joint Powers Authority (SFCJPA). Valley Water is one of the five member agencies.	BY	X	

21	62084001	Watershed Asset Rehabilitation Program (WARP)	N/A	<p>Under this Program's plan for 2025, six projects are in various stages of design:</p> <ul style="list-style-type: none"> <li>• <b>U-Frame wall repairs on Permanente and Hale Creeks</b> - Valley Water's Board of Directors awarded the construction contract to Disney Construction, Inc. on April 22, 2025. Construction is planned for summer 2025, and future updates will be reported under the construction phase updates to the CIP Committee.</li> <li>• <b>Erosion repair on Coyote Creek at Julian Street adjacent to San Jose High School</b> - The project is at 60% design. It is currently awaiting the outcome of cost-sharing negotiations to continue the design.</li> <li>• <b>Slope and bank repair on Guadalupe River at Malone Road and Blossom Hill Road</b> - The project is at 90% design. The final design is expected to be completed by December 2025. Both sites will require California Environmental Quality Act (CEQA) analysis and determination, and permits for construction. Construction is planned for summer 2026.</li> <li>• <b>Evelyn Fish Passage Project on Stevens Creek</b> - On April 22, 2025, the Board of Directors adopted plans and authorized advertisement for bids. Construction is planned for summer 2025 and summer 2026, and future updates will be reported out under the construction phase updates to the CIP Committee.</li> <li>• <b>South Babb Creek Flood Mitigation Protection Project</b> - On April 22, 2025, the Board of Directors adopted plans and authorized advertisement for bids. The project is scheduled to be constructed in the summer of 2025, and future updates will be reported out under the construction phase updates to the CIP Committee.</li> <li>• <b>Calabazas Creek Erosion Repairs - Miller Avenue to Bollinger Road</b> - The project is expected to complete design and seek Board authorization for advertisement for construction in May 2025. This project is to repair the erosion that occurred at four sites after construction of the 2022 Rehabilitation Project and during the 2023 storm season. Construction is planned for summer 2025.</li> </ul>	BY	X	
22	26154003	Guadalupe River-Upper, SPRR to Blossom Hill Road - Reaches 7-12 (SCW E8)*	Prelim	<p>In January 2021, the USACE began a General Reevaluation Study for the entire project, including reevaluating the project alternatives and benefit-cost ratio, to make the project more competitive for federal funding. On September 9, 2022, USACE presented the Tentatively Selected Plan; staff reviewed and supported it. USACE provided a draft Environmental Assessment/Feasibility Report for Valley Water review on October 3, 2022. On March 9, 2023, USACE held its Agency Decision Milestone meeting, where Valley Water further supported the Combination Plan as the selected plan for the General Reevaluation Report. USACE started the optimization and refinement of the Selected Plan.</p> <p>USACE recently advised Valley Water that due to recent case law, they are being required to analyze impacts to properties that are subject to induced flooding from less frequent events (100, 200, and 500-year flood events). A revised schedule impact of 3 years and 2 months and additional cost of \$3.12 million (VW Share of \$1.56M) is being proposed as the next course of action. USACE has asked for a letter of support on this course of action to be included in their package for additional resource request to be submitted to the USACE HQ by May 30<sup>th</sup>.</p> <p>Per the CIP Committee's recommendation, Staff is also working on project alternatives to be considered in the interim; these will be presented to the Committee at the July meeting.</p>	BY	N/A	USACE construction

23	10394001	Palo Alto Flood Basin Tide Gate Structure Replacement	90%	The current scope of work is a seismic retrofit and rehabilitation of the existing tide gate structure to strengthen and extend its service life. As a result of a recent maintenance inspection, it was determined that six of the hydraulic flap gates on the tide gate needed to be replaced. It was also determined that this additional scope would be best implemented as part of this project. Staff continues to work on finalizing the design package and plans to seek Board approval to advertise for construction in May 2025. Construction is planned to start in September 2025, with the flap gates replacement work to be completed the following year, in September 2026, due to long lead times for procurement of the gates.	BY	X
24	30154019	Lower Guadalupe River Capacity Restoration	Prelim	The design phase for this project began in July 2024. A Request for Proposals (RFP) for design and environmental review services was advertised on October 3, 2024. Staff expects to bring the agreement to the Board for approval in August 2025. Valley Water and the City of San Jose (City) entered into a cost-share agreement in March 2025 for the design of improvements at the Montague Expressway bridge over the Guadalupe River.	BY	TBD
<b>Water Resources Stewardship</b>						
25	20444002	Pond A4 Resilient Habitat Restoration Project (Phase 1 - Planning and Design)	Prelim	<p>The project aims to maximize the beneficial reuse of Stream Maintenance Program (SMP) sediment, create mudflat habitat for shorebirds, and accelerate the ecotone construction for the Calabazas/San Tomas Aquino Creek-Marsh Connection Project. Project funding comes from a \$5 million State Coastal Conservancy grant that was awarded in February 2024.</p> <p>The geotechnical investigation for the project was completed in the fall of 2024, which informed the development of the 70% designs. The project team plans to submit permit applications by June 2025 and expects to receive the permits in spring 2026. The project team solicited interest from contractors for entering into a zero-dollar contract to source fill and build the mudflat. Final designs will be developed once a contractor is selected.</p>	LB	
<b>Buildings &amp; IT</b>						
26	60204032	Headquarters Operations Building	30%	With consultant support, the project team analyzed renovation strategies for the Maintenance Building to address space and operational needs. After collaborating with management, staff presented a recommended alternative to the CIP Committee on February 26, 2024. The team is now developing 50% design-level plans and specifications for that alternative.	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.: 25-0435

Agenda Date: 5/19/2025

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 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 are three consultant agreement amendments for capital projects presented in this memorandum for the Committee's information:

- 1. Amendment No. 4 to Agreement A3941A with GEI Consultants, Inc. for Design Services for the Guadalupe Dam Seismic Retrofit Project No. 91894002 (Cost, Scope, and Time Extension) (R. McCarter)**

Valley Water staff will recommend Board approval of Amendment No. 4 to Agreement No. A3941A with GEI Consultants Inc. (Consultant) for design services for the Guadalupe Dam Seismic Retrofit Project (GDSRP) No. 91894002 to add to the existing scope, increase the not-to-exceed (NTE) fee by \$6,559,061 for a revised total NTE fee of \$13,934,848, and extend the expiration date from December 25, 2025, to December 25, 2028.

Guadalupe Dam and Reservoir are currently subject to operational restrictions of 66% of the full reservoir capacity, as agreed to by Valley Water and the California Department of Water Resources, Division of Safety of Dams (DSOD), due to seismic stability concerns with the dam. Valley Water is undertaking the Project to address seismic stability deficiencies,

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rehabilitate aging appurtenant facilities, and to comply with current dam safety standards. The full reservoir capacity will be restored upon completion of the Project.

Pursuant to Agreement A3941A, the Consultant is currently performing design services for the GDSRP. Following DSOD's 2023 review of the GDSRP delivery schedule, DSOD indicated that the submitted delivery schedule was unacceptable and requested that Valley Water accelerate and complete the design of the Project sooner. In response to DSOD's concerns, Valley Water staff proposed a new approach that segmented the construction of individual projects, prioritizing the repair of embankments to mitigate the risks that led to reservoir restrictions. It was determined that construction on the embankment retrofit, and the spillway could begin without draining the reservoir if the outlet works construction was deferred at Guadalupe Dam.

As a result of this change, Valley Water will undertake a design effort expediting project delivery through two-phased construction that allows Valley Water to retain water in the reservoir during construction. The first phase of construction, Package A, will include constructing the Retrofitted Embankment, New Spillway, and Existing Intake Modifications. The second phase of construction, Package B, will include constructing New Outlet Works. Valley Water anticipates that construction for the dam could commence as early as November 2029.

Amendment No. 4 will allow the Consultant to continue to perform design services for GDSRP through December 25, 2028.

Government Code § 84308 Applies: Yes  No

**2. Amendment No. 1 to Agreement A4932A with Stillwater Sciences for Regulatory Permitting Services for the Anderson Dam Seismic Retrofit Project No. 91864005 (Cost, Scope, and Time Extension) (R. McCarter)**

Valley Water staff will recommend Board approval of Amendment No. 1 to Agreement No. A4932A with Stillwater Sciences (Consultant) for regulatory permitting services for the Anderson Dam Seismic Retrofit Project (ADSRP) No. 91864005 to add to the existing scope, increase the not-to-exceed (NTE) fee by \$918,593 for a revised total NTE fee of \$2,918,593, and extend the expiration date from December 31, 2026, to December 31, 2028.

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 No. A4932A, Consultant is currently performing regulatory permitting services for the ADSRP. The consultant has been providing biological monitoring support, fisheries and water quality permitting and planning support, and engineering design support for the Federal Energy Regulatory Commission (FERC) Order Compliance Project (FOCP) and ADSRP.

Amendment No. 1 will allow the Consultant to continue providing support for regulatory permitting and compliance for ADSRP, including biological monitoring, fisheries and water quality permitting, as well as planning and engineering design support through December 31, 2028.

Government Code § 84308 Applies: Yes  No

**3. Amendment No. 1 to Agreement A4751A with Ghirardelli Associates, Inc. for Construction Management Services for the Federal Energy Regulatory Commission Order Compliance Project Coyote Creek Flood Management Measures Project No. 91864007 and the Coyote Creek Flood Protection Project No. 26174043 (Scope Change, Cost Increase, Administrative Updates) (E. Aryee)**

Staff will recommend Board approval of Amendment No. 1 to Agreement A4751A with Ghirardelli Associates, Inc. (Consultant) for Construction Management Services for the Federal Energy Regulatory Commission (FERC) Order Compliance Project Coyote Creek Flood Management Measures Project (CCFMMMP) No. 91864007, and the Coyote Creek Flood Protection Project (CCFPP) No. 26174043, collectively referred to as "Project." This Amendment will document scope changes; increase the not-to-exceed (NTE) amount by \$11,262,693 for a revised NTE of \$16,855,256; and incorporate administrative updates to the Agreement.

CCFMMMP and CCFPP represent phase one and phase two, respectively, of a 9-mile flood protection project along Coyote Creek between Montague Expressway and Tully Road in the City of San Jose. Phase one, CCFMMMP, is currently under construction and scheduled for completion by spring 2025. Phase two, CCFPP, of the Project, is in the final stages of design and is anticipated to begin construction in the summer of 2026.

Phase two of the Project, CCFPP, will construct all the remaining work from phase one, including steel sheet pile floodwalls, concrete T-walls, flood gates and flood doors, and passive barriers. The overall flood risk reduction objective of protecting areas of Coyote Creek against a flood event approximately equivalent to the February 2017 flood event will be met by the completion of both phase one, CCFMMMP, and phase two, CCFPP.

Pursuant to Agreement No. A4751A, the Consultant has been providing construction management services, overseeing the construction of phase one, CCFMMMP. The Agreement includes an option to add construction management services for phase two, CCFPP. Amendment No. 1 to Agreement No. A4751A will provide the additional scope changes and funding necessary to allow the Consultant to provide construction management services for phase two, CCFPP.

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Government Code § 84308 Applies: Yes  No

Attachment 1, Administratively Approved Time-Only Extensions, includes information on consultant agreement term extension amendments already administratively approved.

**ENVIRONMENTAL JUSTICE AND EQUITY IMPACT:**

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

**ATTACHMENTS:**

Attachment A: Government Code § 84308

Attachment 1: Administratively Approved Time-Only Extensions

**UNCLASSIFIED MANAGER:**

Ryan McCarter, 408-630-2983

Emmanuel Aryee, 408-630-3074

Kirsten Struve, 408-630-3138

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>
GEI Consultants, Inc.	Matt Powers	Project Manager	180 Grand Ave., Suite 950 Oakland, CA 94612
Stillwater Sciences	Sapna Khandwala	President/CEO	Berkeley, CA
Ghirardelli Associates, Inc.	Randall Brunner	President/CEO	Pleasanton, CA

List of Participants and Their Agents/Representatives Known to Staff

<u>Organization Name</u>	<u>Name</u>	<u>Role</u>	<u>Location</u>
AECOM	Steve Leach	CEQA permit coordination, and constructability reviews	1333 Broadway, Suite 800 Oakland, CA 94612
Haley & Aldrich, Inc. (formerly Cal Engineering & Geology)	Chris Hockett	Geotechnical and civil engineering design for the Hicks Road realignment.	1870 Olympic Boulevard, Suite 100 Walnut Creek, CA
Mott McDonald	Shawna Von Stockhausen	Tunnel analyses and designs for the new outlet works	4301 Hacienda Drive, Suite 300 Pleasanton, CA 94588
Wood Rodgers, Inc.	Dan Matthies	Surveying	180 Grand Ave., Suite 400, Oakland, CA 94612
Frisch Engineering, Inc.	Thomas Frisch	Electrical engineering services	13405 Folsom Blvd., Unit 600 Folsom, CA 95630
JDH Corrosion Consultants, Inc.	J. Darby Howard	Corrosion engineering and evaluations	100 Willow Pass Court Concord, CA 94520

GEI Consultants Inc., Amendment No. 4 to A3941A  
Stillwater Sciences, Amendment No. 1 to A4932A  
Ghirardelli Associates, Inc., Amendment No. 1 to A4751A

Taber Drilling	Brian Young	Provide equipment and labor to complete exploration borings	536 Galveston Street West Sacramento, CA 95691
Cooper Testing Labs, Inc.	Peter Jacke	Laboratory testing and analysis of soil and rock samples	937 Commercial Street Palo Alto, CA 94303
Dan Hertel & Associates, LLC.	Dan Hertel	Construction cost estimating, sequencing, and scheduling. Constructability reviews.	P.O. Box 11983 Bozeman, MT 59719
McMillen	Paul Eggers	Project design support, QA/QC	7935 East Prentice Avenue, Suite 310W Greenwood Village, CO 80111
Stillwater Sciences	Katherine Ayres	Principal Scientist	Davis, CA
Stillwater Sciences	Ethan Bell	Vice President; Senior Fisheries Biologist	Morro Bay, CA
Alpha CM, Inc.	Dave Latona	Assistant Resident Engineer, Inspection, Scheduling Support	Alameda, CA
Circlepoint	Ivy Morrison	Public Outreach Support	Oakland, CA
Dokken Engineering	Sarah Holm	Arborist/Biologist	Folsom, CA
DZC Archaeological & Cultural Resource Consulting, Inc.	Dimitra Zalarvis-Chase	Archaeological	Fairhaven, CA
Geocon Consultants, Inc.	Jacob Bishop-Moser	Materials Testing and Special Inspection	Livermore, CA
Inspection Services, Inc.	Jay Lorenzo	Materials Testing and Special Inspection	Berkeley, CA
Keish Environmental, PC	Rachael Keish	Environmental Compliance	San Jose, CA
Towill, Inc.	John May	Surveying/Staking/Drone	Concord, CA

**Administratively Approved Time-Only Extension Amendments**

Line No.	Status	Agreement No.	Amendment No.	Consultant	Service	CIP Project Title; Project No	Current Expiration Date	Amended Expiration Date	Justification	Deputy's Initials
1	Pending	A3901G	8	HDR, Inc.	Support Services for Recycled Water Program	San Jose Purified Water Project - Phase 1 Project No. 91294001	6/30/2025	6/30/2027	The consultant has been providing support services for Valley Water's Purified Water Program since 2015. Recent Board direction has directed staff to focus work on a new purified water project in the city of San Jose. Extending the term of this agreement will help facilitate that work, and complete the remaining tasks related to the development of reverse osmosis (RO) concentrate discharge strategies. Management of RO concentrate, a by-product of the purified water treatment process, is a vital project component of the San Jose Purified Water Project. Staff expects to bring a further amendment modifying the Consultant's scope of work to the CEO for approval in the fall of 2025.	KS

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# Santa Clara Valley Water District

File No.: 24-1085

Agenda Date: 5/19/2025

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 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 are two new Contract Change Orders (CCO No. 50 and CCO No. 51) to present to the CIP Committee. The estimated value of CCO No. 50 is \$115,796.00 and CCO No. 51 is \$3,144,786.41. 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. 50**

- 1. Time Impact Analysis (TIA) 006** - This change addresses a time extension of an estimated 444 calendar days to the construction schedule, as determined by pending Time Impact Analysis (TIA) No. 006. The time extension is required as a result of the changes in the concrete final tunnel lining design, which encompasses procurement and installation of rebar for the articulated joints and continuous lining, fabrication and installation of all required formwork, concrete work for encasement of the articulated joints and continuous lining, curing and removal of formwork, and finishing the concrete surface. This change addresses only the time extension to the Contract. The associated costs for Time-Related Overhead (TRO) delays - including all costs related to the contractor's field and corporate office overhead, bonds, and time-related direct equipment expenses - resulting from the extension of the Contract Time due to the final tunnel lining design changes, will be analyzed and addressed in a future CCO. This portion of the change order is valued at \$0.00.
- 2. South Channel Tree Removal** - The South Channel work associated with Contract Document Clarification's (CDC) 007.1 through 007.3 - Coyote Creek Modifications, requires the removal of approximately 43 additional trees to facilitate access and begin construction activities. These trees need to be cleared to allow construction equipment to enter the work area and to enable the construction of the upstream and downstream dikes and dewatering operations. This portion of the change order is valued at \$81,344.00.
- 3. North Channel Extension - Tree Removal Overrun** - The North Channel Extension work, which was added to the ADTP per Contract Document Clarification (CDC) 053, required the removal of trees to clear the area for construction activities. Initially, 60 trees were estimated and identified for removal, which were included in CCO No. 40. However, once construction of

the North Channel Extension began, it became necessary to remove an additional 25. This brought the total number of trees removed to 85 trees by the time the work was completed. This portion of the change order is valued at \$23,597.00.

4. **Expansion Joint for North Channel Weir** - The North Channel weir connection detail between the wingwall and training wall indicated a construction joint; however, it was determined that the joint at this location should be an expansion joint to alleviate thermal expansion and contraction concerns of the weir structure. This change covers all additional costs to provide the labor, material, and equipment to construct the expansion joint between the wingwalls and the training walls. The value of this item was performed on a time and material basis and is valued at \$10,855.00.

### Contract Change Order No. 51

1. **Articulated Joint Mock-Up Extras** - This change addressed the costs associated with the expanded scope for the Articulated Joint Mock-Up. The expanded scope for the Mock-Up includes various additions to further mimic the conditions of the Articulated Joint in the tunnel and added scope to verify the quality of the structure. These additions include adding a waterproofing membrane, grouting tubes, wall blocking, additional invert slab, casting additional test cylinders, core drilling, and testing void repair methods. This work was performed on a time-and-material basis, and this portion of the change order is valued at \$91,569.00.
2. **Coyote Creek Modifications - South Channel** - The South Channel work was previously presented to the CIP Committee on April 22, 2024, as part of the Coyote Creek Modifications and included the North Channel, South Channel, and North Channel Extension, totaling an estimated value of \$13,000,000. The North Channel portion was executed under CCO No. 35 for \$10,148,710.20 (also presented to the Board on May 28, 2024), and the North Channel Extension was executed under CCO No. 40 for \$998,593.00. The South Channel portion of the change (scope described below) is the final portion of the overall Coyote Creek Modifications and is now being finalized and will be executed as part of CCO No. 50.

The South Channel cantilever weir was modified to have a larger notch with removable stoplogs for adjustable flows per the National Marine Fisheries Service requirements, along with increased excavation to place additional rip rap downstream of the weir in lieu of the regulatory agency prohibited Turf Reinforcement Matting. The design of this weir will help distribute low flows to the South Channel and higher flows to the North Channel. The added scope for the South Channel modifications requires approximately 1,000 cubic yards of additional excavation and an additional 500 cubic yards of rip rap material to be placed. Note that a tree removal operation will also take place to facilitate this work, which will be executed as a separate change order item - see below. This portion of the change order is estimated to be valued at approximately \$3,100,000.00.

3. **Decommissioning of North Channel Wells** - Due to changes per CDC 007.1 to 007.3, the North Channel excavation was deepened to accommodate a new restoration bench and a

redesigned weir structure. The deeper excavation extended below the groundwater table and required dewatering efforts to control groundwater flow into the excavation. Previously executed CCO No. 20 and CCO No. 31 covered all costs associated with the installation and operation of the North Channel Dewatering Wells. This change order addresses the costs associated with decommissioning and removal of North Channel Dewatering Wells. This work was tracked on a time-and-material basis for labor, equipment, and materials. This portion of the change order is valued at \$28,425.00.

4. **Increase to Bid Item 2e - Operate Active Treatment System (ATS)** - This change includes an increase to the total quantity of Bid Item No. 2e as a result of the contract time extension associated with Time Impact Analysis 005. The bid item will be increased as follows:
  - A. Bid Item No. 2e Operate Active Treatment System (ATS) - Includes an increase in total quantity by 5 months, for a revised total quantity of 37 months. This item is to be paid per month at the original bid rate of \$10,000/MO.....\$50,000.00

This portion of the change order is valued at \$50,000.00

5. **Allowance Increase for Additional Environmental Compliance for Water Quality Monitoring and Soil Testing** - Valley Water issued CDC 005 in September 2021, which included environmental compliance permits obtained by Valley Water and approval of the condition 2 plan of the Quality Assurance Project Plan for Sediment and Water Sampling (QAPP). The QAPP included additional requirements for water quality monitoring and soil testing. CCO No. 07 and CCO No. 25 were previously executed with an established allowance for CDC 005 requirements, which are nearly exhausted. This item includes additional allowance to cover costs for approximately 5 months of work to continue the necessary water quality monitoring and soil testing. This portion of the change is valued at \$200,000.00.
6. **Additional Conduit and Wiring Between ATS and Generator**-This change addresses the cost of installing an additional conduit and wiring, which is required for the Automatic Transfer Switch (ATS) to control the generator. The additional components to be provided and installed are a  $\frac{3}{4}$ " PVC conduit and two #14 wiring connections between the ATS and generator for remote start control. This portion of the change is valued at \$3,260.00.
7. **Removal of Milestone 3 Waterline Scope** - Valley Water has issued CDC 060, which removes the Waterline Scope (Milestone 3) from the contract due to challenges in securing the required rights of way needed to perform this work. This portion of the change order is a credit estimated to be valued (\$146,669.00).
8. **MTBM Chamber 96-inch Pipe Material Credit** - Includes a material credit for 18 Linear Feet (LF) of excess 96-inch steel pipe in the Micro-Tunnel Boring Machine chamber that was determined to be no longer necessary after completion of the Microtunneling operation. This portion of the change order is a credit valued at (\$181,798.59).

**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

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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
		<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	10/18/2022	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

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

CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
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	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 Ladnslide Supplmental Work	\$427,945.00	\$14,302,534.05	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
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, 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
-	-	<b>1/28/2025</b>	<b>CONTRACT CONTINGENCY FUND INCREASE: \$40,000,000</b>	-	<b>\$49,132,641.42</b>	<b>Board</b>	<b>Approved</b>
44	1/20/2025	3/06/2025	24" and 96" Steel Pipe Extension Installation Cost	\$1,537,230.00	\$47,595,411.42	ACEO	Approved
45	1/20/2025	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	TBD	Trash Rack Foundation Design Changes Allowance Overrun, North Weir Over Excavation and Test Pits, Specialized Pipe Support Embeds	\$1,500,000.00	\$40,845,399.60	ACEO	Pending
48	3/05/2025	TBD	Revised Final Tunnel Lining	\$16,340,862.00	\$24,504,537.60	CEO	Pending
49	3/17/2025	TBD	North Weir Mud Mat Roughening	\$23,490.00	\$24,481,047.60	UM	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	\$24,481,047.60	UM	Approved

**New CCOs for CIP Committee**

Pending CCO #	CIP Committee Date	Approval Date	Description	Amount	Contingency Amount	Approval Level	Status
50	5/19/2025	TBD	Time Impact Analysis (TIA) 006, South Channel Tree Removal, North Channel Extension - Tree Removal Overrun, Expansion Joint for North Channel Weir	\$115,796.00	\$24,365,251.60	AOO	Pending
51	5/19/2025	TBD	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	\$3,144,786.41	\$21,220,465.19	CEO	Pending

Total COs Approved	47	Total	\$37,654,600.40	\$42,345,399.60
Total COs Pending	5	Total	\$21,124,934.41	\$21,220,465.19

Total Number of COs (Approved & Pending)	Total Amount of COs (Approved & Pending)
52	\$58,779,534.81

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

Bid Item No.	Description	Amount	Balance Remaining	Billing Through March 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	\$ 305,257.78	94.7%	\$ 5,407,742.22
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	\$ 14,915,454.10	68.6%	\$ 32,522,870.90
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	\$ 188,865.00	98.1%	\$ 9,793,135.00
8	DIVERSION OUTLET STRUCTURE	\$ 48,678,550.00	\$ 15,187,200.60	68.8%	\$ 33,491,349.40
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	\$ 112,580.98	81.2%	\$ 487,419.02
		<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>\$ 37,486,209.85</b>	<b>77%</b>	<b>\$ 123,654,111.15</b>

CCOs	Description	Amount	Balance Remaining	Billing Through March 2025	
				Percent (%)	Amount
CCO 1-46	CONTRACT CHANGE ORDERS (CCO)	\$ 37,654,600.45	\$ 12,267,953.68	67%	\$ 25,386,646.77
		<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>\$ 198,794,921.45</b>	<b>\$ 49,754,163.53</b>	<b>75%</b>	<b>\$ 149,040,757.92</b>

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# Santa Clara Valley Water District

File No.: 25-0436

Agenda Date: 5/19/2025

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:**

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

## 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					X	
Upper Guadalupe – SPRR to Blossom Hill – Project and Funding status update						X					
Calabazas/San Tomas Aquino Creek Staff Recommended Alternative							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
Upcoming Consultant Agreement Amendments	X	X		X	X	X	X	X	X	X	X
Workplan	X	X	X	X	X	X	X	X	X	X	X
Minutes	X	X		X	X	X	X	X	X	X	X
Annual Election of Committee Officer		X									

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