

February 4, 2022

MEETING NOTICE**SANTA CLARA VALLEY WATER DISTRICT
CAPITAL IMPROVEMENT PROGRAM COMMITTEE**

Members of the Capital Improvement Program Committee:

Director Nai Hsueh, Chairperson
Director Linda LeZotte, Vice Chairperson
Director Tony Estremera, Committee Member

Staff Support of the Capital Improvement Program Committee:

Rick Callender, Chief Executive Officer
Melanie Richardson, Asst. Chief Officer – Integrated Water Management
Leslie Orta, Senior Assistant District Counsel
Rachael Gibson, Chief of External Affairs
Tina Yoke, Chief Administrative Officer
Darin Taylor, Chief Financial Officer
Rechelle Blank, Chief Operating Officer – Water Utility
Aaron Baker, Chief Operating Officer - Watersheds
Don Rocha, Deputy Administrative Officer
Mike Cook, Deputy Administrative Officer
Christopher Hakes, Deputy Operating Officer
Rechelle Blank, Deputy Operating Officer
John Bourgeois, Deputy Operating Officer
Jennifer Codianne, Deputy Operating Officer
Heath McMahon, Deputy Operating Officer
Bhavani Yerrapotu, Deputy Operating Officer
Vincent Gin, Deputy Operating Officer
Gregory Williams, Deputy Operating Officer
Lisa Bankosh, Assistant Officer
Sam Bogale, Assistant Officer
David Montenegro, Principal Construction Contracts Administrator
Bryant Welch, Labor Relations Officer
Charlene Sun, Budget Manager
Jessica Collins, Business Planning and Analysis Unit Manager
Linh Hoang, Communications Manager
Michael Cook, Information Technology Manager
Emmanuel Aryee, Capital Engineering Manager
Jill Bernhard, Acting System Development & Support Manager

A special meeting of the Santa Clara Valley Water District Capital Improvement Program Committee has been scheduled to occur at **11:00 a.m., on Monday, February 14, 2022.**

Join Zoom Meeting at: <https://valleywater.zoom.us/j/94158013374>

The meeting agenda and corresponding materials are located on the Committee's website at: <https://www.valleywater.org/how-we-operate/committees/board-committees>.

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Santa Clara Valley Water District Capital Improvement Program Committee Meeting

Teleconference Zoom Meeting

SPECIAL MEETING AGENDA

**Monday, February 14, 2022
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 Linda J. LeZotte, District 4

Tony Estremera, District 6

During the COVID-19 restrictions, 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

COMMITTEE CLERK:
Natalie Dominguez, CMC
Assistant Deputy Clerk II
408-265-2659
ndominguez@valleywater.org
www.valleywater.org

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**

Monday, February 14, 2022

11:00 AM

Teleconference Zoom Meeting

BY VIRTUAL TELECONFERENCE ONLY

Pursuant to California Government Code section 54953(e), this meeting will be held by teleconference only. No physical location will be available for this meeting; however, members of the public will be able to participate in the meeting as noted below.

In accordance with the requirements of Gov. Code Section 54954.3(a), members of the public wishing to address the Board/Committee at a video conferenced meeting, during public comment or on any item listed on the agenda, should use the “Raise Hand” tool located in the Zoom meeting link listed on the agenda, at the time the item is called. Speakers will be acknowledged by the Board Chair in the order requests are received and granted speaking access to address the Board.

Santa Clara Valley Water District (Valley Water) in complying with the Americans with Disabilities Act (ADA), requests individuals who require special accommodations to access and/or participate in Valley Water Committee meetings to please contact the Clerk of the Board’s office at (408) 630-2711, at least 3 business days before the scheduled meeting to ensure that Valley Water may assist you.

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 not been prepared with a view to informing an investment decision in any of Valley Water’s bonds, notes or other obligations. Any projections, plans or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used by investors or potential investors in considering the purchase or sale of Valley Water’s bonds, notes or other obligations and investors and potential investors should rely only on information filed by Valley Water on the Municipal Securities Rulemaking Board’s Electronic Municipal Market Access System for municipal securities disclosures and Valley Water’s Investor Relations website, maintained on the World Wide Web at <https://emma.msrb.org/> and <https://www.valleywater.org/how-we-operate/financebudget/investor-relations>, respectively.

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 Committee on any item not listed on the agenda should access the "Raise Hand" tool located in Zoom meeting link listed on the agenda. Speakers will be acknowledged by the Committee Chair in order requests are received and granted speaking access to address the Committee. Speakers comments should be limited to three minutes or as set by the Chair. The law does not permit Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If 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 Committee may take action on any item of business appearing on the posted agenda.

3. ELECTION OF OFFICERS.

3.1. Election of 2022 Capital Improvement Program Committee Officers. [22-0216](#)
(Continued from January 18, 2022)

Recommendation: Nominate and elect the 2022 Capital Improvement Program Committee Chairperson and Vice Chairperson.

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

Est. Staff Time: 5 Minutes

4. APPROVAL OF MINUTES:

- 4.1. Approval of January 18, 2022 Capital Improvement Program Committee Minutes. [22-0215](#)
Recommendation: Approve the minutes.
Manager: Candice Kwok-Smith, 408-630-3193
Attachments: [Attachment 1: 01/18/22 CIP Committee Minutes](#)
Est. Staff Time: 5 Minutes

5. ACTION ITEMS:

- 5.1. Review Capital Project Monitoring - Design and Permitting Report. [22-0198](#)
Recommendation: Receive and discuss information regarding the status of capital projects in the design and permitting phase.
Manager: Bhavani Yerrapotu, 408-630-2735
Christopher Hakes, 408-630-3796
Heath McMahon, 408-630-3126
Attachments: [Attachment 1: Design and Permitting Report](#)
Est. Staff Time: 15 Minutes
- 5.2. Receive and Discuss Project Update for the Construction of Lower Calera Creek, part of the Lower Berryessa Creek (Phase 2) Flood Protection Project. [22-0168](#)
Recommendation: Receive and Discuss Project Update for the Construction of Lower Calera Creek, part of the Lower Berryessa Creek (Phase 2) Flood Protection Project.
Manager: Bhavani Yerrapotu, 408-630-2735
Attachments: [Attachment 1: Presentation Slides of Fencing Issue](#)
Est. Staff Time: 10 Minutes
- 5.3. Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract. [22-0200](#)
Recommendation: Receive Information on Change Orders to Anderson Dam Tunnel Project Construction Contract.
Manager: Christopher Hakes, 408-630-3796
Attachments: [Attachment 1: ADTP Construction Contract Change Orders Status](#)
Est. Staff Time: 5 Minutes

5.4. Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects. [22-0199](#)
Recommendation: Receive Information on Upcoming Consultant Agreement Amendments for Capital Projects.
Manager: Chris Hakes, 408-630-3796
Est. Staff Time: 5 Minutes

5.5. Review 2022 Capital Improvement Committee Work Plan. [22-0201](#)
Recommendation: Review the 2022 Capital Improvement Program Committee Work Plan and make adjustments as necessary.
Manager: Candice Kwok-Smith, 408-630-3193
Attachments: [Attachment 1: 2022 CIP Committee Work Plan](#)
Est. Staff Time: 5 Minutes

6. INFORMATION ITEMS.

7. 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.

8. ADJOURN:

8.1. Adjourn to Regular Meeting at 11:00 a.m., on March 21, 2022.



Santa Clara Valley Water District

File No.: 22-0216

Agenda Date: 2/14/2022
Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Election of 2022 Capital Improvement Program Committee Officers. (Continued from January 18, 2022)

RECOMMENDATION:

Nominate and elect the 2022 Capital Improvement Program Committee Chairperson and Vice Chairperson.

SUMMARY:

The Capital Improvement Program (CIP) Committee (Committee) was established to provide a venue for more detailed discussions regarding capital project validation, including recommendations on prioritizing, deleting, and/or adding projects to the CIP, as well as monitoring implementation progress of key projects in the CIP.

The Committee is comprised of the Committee Chairperson and Vice Chairperson, who serve as the Committee’s primary and secondary facilitators, and Committee representatives. The Committee Chairperson and Vice Chairperson are elected by the Committee annually.

The following is a summary of CIP Committee elected officers, since the Committee’s 2012 enactment by the Board of Directors.

Year	Chairperson	Vice Chairperson
2012	B. Schmidt	T. Estremera
2013	T. Estremera	D. Kennedy
2014	T. Estremera	D. Kennedy
2015	N. Hsueh	T. Estremera
2016	N. Hsueh	T. Estremera
2017	N. Hsueh	T. Estremera
2018	N. Hsueh	L. LeZotte
2019	N. Hsueh	L. LeZotte
2020	N. Hsueh	L. LeZotte

2021	N. Hsueh	L. LeZotte
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ATTACHMENTS:

None.

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193



Santa Clara Valley Water District

File No.: 22-0215

Agenda Date: 2/14/2022

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Approval of January 18, 2022 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.

ATTACHMENTS:

Attachment 1: 01/18/22 CIP Committee Minutes

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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CAPITAL IMPROVEMENT PROGRAM COMMITTEE MEETING

MINUTES

**TUESDAY, JANUARY 18, 2022
2:30 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 Program Committee (Committee) was called to order via Zoom video teleconference at 2:30 p.m.

1.1 Roll Call.

Committee members in attendance by Zoom teleconference were District 4 Director Linda LeZotte, District 6 Director Tony Estremera and District 5 Director Nai Hsueh, Chairperson presiding, constituting a quorum of the Committee.

Staff members in attendance by Zoom teleconference were District Counsel Carlos Orellana, Sarah Berning, Rechelle Blank, John Bourgeois, Todd Bridgen, Barton Ching, Jessica Collins, Mike Cook, Natalie Dominguez, Meenakshi Ganjoo, Andy Gschwind, Chris Hakes, Odilia Leonardo, Jennifer Martin, Heath McMahon, Alec Nicholas, Mike Potter, Kirsten Struve, Bryant Welch, and Bhavani Yerrapotu.

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 present who wished to speak.

3. ELECTION OF OFFICERS:**3.1. Election of 2022 Capital Improvement Program Committee Officers.**

Recommendation: Nominate and elect the 2022 Capital Improvement Program Committee Chairperson and Vice Chairperson.

Chairperson Hsueh continued Item 3.1 to the February 14, 2022, agenda.

4. APPROVAL OF MINUTES

- 4.1. Approval December 13, 2021 Capital Improvement Program Committee Meeting Minutes.

Recommendation: Approve the minutes.

The Committee considered the attached minutes of the December 13, 2021, Capital Improvement Program Committee meeting. It was moved by Director Estremera, seconded by Chairperson LeZotte, and unanimously carried by roll call vote to approve the minutes as presented.

5. ACTION ITEMS

- 5.1. Review Capital Project Monitoring – Construction Report.

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

Chairperson Hsueh reviewed the information on this item per the attached Committee agenda memo and the information contained in Attachment 1 was reviewed by staff as follows: Mr. Chris Hakes, Deputy Operating Officer reviewed Items 1 and 2; Mr. Heath McMahon, Deputy Operating Officer reviewed Items 3 through 7; Ms. Rechelle Blank, Deputy Operating Officer, reviewed Items through 16; and Mr. Mike Cook, Deputy Administrative Officer, reviewed Items 17 through 20.

Director LeZotte requested to receive an update on the INFOR implementation with regard to all modules that have been launched to date, including payroll.

- 5.2. Review Capital Project Monitoring – Feasibility and Planning Report

Recommendation: Receive updates on projects in the feasibility and planning phase, discuss resource needs, and make recommendations as necessary.

Chairperson Hsueh reviewed the information on this item per the attached Committee agenda memo and the information contained in Attachment 1 was reviewed by staff as follows: Mr. Hakes reviewed Items 1 and 2; Mr. John Bourgeois, Deputy Operating Officer, reviewed Items 3, 10 through 12 and 14 through 17; Mr. McMahon reviewed Items 4 through 6, Ms. Bhavani Yerrapotu, Deputy Operating Officer, reviewed Items 7 through 9, and Ms. Blank reviewed Items 13 through 17.

Chairperson Hsueh requested to receive an update on the Dam Safety Program.

5.3. Review Capital Project Monitoring – Design and Permitting Report.

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

Chairperson Hsueh reviewed the information on this item per the attached Committee agenda memo and the information contained in Attachment 1 was reviewed by staff as follows: Mr. Hakes reviewed Items 1, 3 and 4; Ms. Blank reviewed Items 2 and 16 through 26; and Mr. McMahon reviewed Items 5 through 15.

Chairperson Hsueh requested the following:

- Receive an update on the status of the 10-Year Pipeline Implementation Project, including an overview to better understand the program, start date, cost to date, projects completed and projects pending.
- Receive a report of capital projects which have been included in the budget but experienced no activity in the past and current fiscal year.

5.4. 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.

Mr. Hakes review the information on this item per the attached Committee Agenda Memo and the information contained in Attachment 1.

It was noted that per the Committee's previous direction, all change orders for the Anderson Dam Tunnel Project construction contract are to continue to be presented to the CIP Committee before being presented to Valley Water's Board of Directors.

5.5. Capital Improvement Program 2021 Accomplishments Report.

Recommendation: Receive and accept the Capital Improvement Program Committee 2021 Accomplishments Report.

Chairperson Hsueh reviewed the information on this item per the attached Committee Agenda Memo and the information contained in Attachment 1.

It was moved by Director Estremera, seconded by Director LeZotte and unanimously carried by roll call vote to accept the Capital Improvement Program Committee 2021 Accomplishments Report.

5.6. Review 2022 Capital Improvement Program Committee Work Plan.

Recommendation: Review the 2022 Capital Improvement Program Committee Work Plan and make adjustments as necessary.

Chairperson Hsueh reviewed the information on this item per the attached Committee Agenda Memo and the information contained in Attachment 1.

The Committee reviewed and made note of items in the 2022 Work Plan for future meetings and added the following items:

- Receive an update on the INFOR implementation with regard to all modules that have been launched to date, including payroll.
- Receive an update on the Dam Safety Program.
- Receive an update on the status of the 10-year Pipeline Inspection and Rehabilitation Project.
- Receive a report on capital projects which have been budgeted for but experienced no activity in the previous or current fiscal year.

6. INFORMATION ITEMS.

None.

7. CLERK'S REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS AND RECOMMENDATIONS:

Ms. Natalie Dominguez, Assistant Deputy Clerk II, read the new Committee Recommendations and Requests into the record, as follows:

Regarding Item 5.1:

Director LeZotte requested to receive an update on the INFOR implementation with regard to all modules that have been launched to date, including payroll.

Regarding Item 5.2:

Chairperson Hsueh requested to receive an update on the Dam Safety Program.

Regarding Item 5.3:

- Receive an update on the status of the 10-Year Pipeline Implementation Project, including an overview to better understand the program, start date, cost to date, projects completed and projects pending.
- Receive a report of capital projects which have been included in the budget but experienced no activity in the past and current fiscal year.

8. ADJOURN

7.1. Adjourn to Special Meeting at 11:00 a.m., on February 14, 2022.

Chairperson Hsueh adjourned the meeting at 4:10 p.m., to the special meeting scheduled to occur at 11:00 a.m. on Monday, February 14, 2022.

Natalie F. Dominguez, CMC
Assistant Deputy Clerk

Approved:

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Santa Clara Valley Water District

File No.: 22-0198

Agenda Date: 2/14/2022

Item No.: 5.1.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Review Capital Project Monitoring - Design and Permitting Report.

RECOMMENDATION:

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

SUMMARY:

The 2022 Workplan 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: feasibility/planning; design and permitting; and construction. Staff will present projects to the Committee for review one phase at a time. Projects currently in the design and permitting phase are being presented at this Committee meeting.

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.

ATTACHMENTS:

Attachment 1: Design and Permitting Report

UNCLASSIFIED MANAGER:

Bhavani Yerrapotu, 408-630-2735

Christopher Hakes, 408-630-3796

Heath McMahon, 408-630-3126

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Capital Project Monitoring Report - February 2022

Design and Permitting Phase

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	Planned CM Services		
				Internal	External	Combination
<u>Water Supply</u>						
1	91864005	Anderson Dam Seismic Retrofit (C1: Fund Transfer KPI)	<p>The 90% design of ADSRP is underway with the 90% plans and specifications anticipated to be completed by the end of May 2022 and the 90% construction cost estimate following at the end of June 2022.</p> <p>Some elements of the 90% Design, such as improvements to the unlined spillway channel and winterization measures for the interim dams, are currently requiring additional input from DSOD, FERC, and the BOC. Also, ongoing discussions with NMFS and CDFW might result in changing the non-mechanical weirs as currently designed for ADTP into mechanical adjustable weirs for ADSRP. Similarly, design of permanent facilities for County Parks use are also at a conceptual level, requiring input from County Parks to proceed with design.</p> <p>Assuming the input from the various agencies is received in a timely manner and that 90% design schedule is maintained, it is anticipated that final design could be completed and submitted for review by the BOC, DSOD, and FERC at the end of 2022.</p>			X
2	91864005	Coyote Percolation Dam Replacement Project	<p>The Coyote Percolation Dam Replacement Project recently completed the draft 30% plans and specifications and received review comments from Valley Water staff, DSOD, CDFW, and NMFS in November. The 60% design is in progress and will be completed by February or March 2022. Geotechnical field work was completed on October 8, 2021 and the draft geotechnical report will be ready for review by January 2022. The design team has been working with the procurement services unit to procure a rubber dam vendor for the design and manufacturing services but due to protests was cancelled in December 2021. Staff will again solicit bids for the rubber dam starting January 13, 2022 and plans to award the contract by February 18, 2022.</p>			X
3	91864005	Coyote Creek Chillers Plant Project	<p>Staff is currently working on the Final Design and will send to USBR in February 2022 for their review. Staff anticipates Board Approval for advertisement in March and award in June 2022.</p>	X		
4	91894002	Guadalupe Dam Seismic Retrofit - Design & Construct	<p>Preliminary 90% design documentation was submitted by consultant in December 2020. Design documentation is under review.</p>			X
5	91324002	Coyote Pumping Plant ASD Replacement	<p>Request for Proposal was issued in November 2021. Site visit and confidential meetings were held with the Design Build Entity (DBE) on December 2, 2021 and December 15, 2021, respectively. Proposal is due from DBE on January 24, 2022.</p>			X
6	95084002	10-Yr Pipeline Inspection & Rehabilitation Project (Santa Clara Conduit)	<p>Final Design of Phase I is complete. Advertisement for construction bids has been delayed until early 2022 due to the drought condition's effect on a Coyote Creek dryback if pipeline was removed from service. Environmental permitting work continues.</p>	X		
7	95084002	10-Yr Pipeline Inspection & Rehabilitation Project (Snell Pipeline)	<p>Staff is preparing the 60% design documents, which are currently scheduled for completion in February 2022.</p>	X		
8	95084002	10-Yr Pipeline Inspection & Rehabilitation Project (Almaden Valley Pipeline)	<p>Staff is working on the 100% plans and specifications which are scheduled for completion in February 2022. Advertisement for construction bids is scheduled for spring 2022.</p>	X		
9	26764001	A3: IRP2 Additional Line Valves	<p>Final Designs for all four locations are complete including Snell Pipeline Valve, East Pipeline Valve, West Pipeline Valve downstream of Santa Clara Distributary, and West Pipeline Valve between Rainbow & Mann turnouts. The construction schedule for IRP2 Additional Line Valves will be coordinated with associated Pipeline Inspection & Rehabilitation work.</p>	X		
10	93294057	Rinconada WTP Reliability Improvement Project	<p>Engineer of Record is preparing plans and specifications for publicly bidding the remaining reliability improvements for construction, incorporating lessons learned and design enhancements for latest codes, plant water system upgrades, and future improvements. Efforts are currently underway for the 70% design submittal. An RFP is being prepared for CM and inspection services.</p>			X
11	93284013	Santa Teresa WTP Filter Media Replacement Project	<p>Staff completed final plans and specifications in January 2022. Authorization for advertisement for construction bids is planned to go for Board approval in February 2022.</p>	X		
12	93084004	WTP Electrical Improvement Project	<p>The 60% design documents are underway and anticipated to be complete in January 2022. Staff plans to bring the Engineer's Report and CEQA Exemption determination to the Board in February 2022.</p>	X		

Capital Project Monitoring Report - February 2022

Design and Permitting Phase

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	Planned CM Services		
				Internal	External	Combination
13	93234044	Penitencia WTP Residuals Management Project	The Board approved the consultant agreement for design services on November 9, 2021. Kick-off meetings with design consultant have occurred. Workshops with staff's operations and maintenance teams began in December 2021. Project Work Plan is near complete.	X		
14	92144001	Pacheco/Santa Clara Conduit Right-of-Way Acquisition Project	Pre-design is complete. Public Hearing on Engineer's Report and CEQA MND is planned for February 2022.	X		
15	91094001	Land Rights- South County Recycled Water Pipeline	Staff is preparing the 30% design documents, which are currently scheduled for completion in June 2022.	N/A		
16	94084007	Treated Water Isolation Valves Project	Staff is preparing the 30% design documents for the valves on the West Pipeline, which are currently scheduled for completion in March 2022.	X		
17		Water Utility Small Capital Projects	Pacheco Pumping Station Electrical System & Hydraulic Valves Operating System Upgrades: Final design documents are complete. Staff is reviewing sole source items. Board Authorization to Advertise for Construction is planned for February 2022.	X		
Flood Protection						
18	10394001	Palo Alto Flood Basin Tide Gate Structure Replacement	90% design package is anticipated to be complete by February 2022 and then shared with internal and external stakeholders for review and comment. Final design is anticipated to be completed by April/May 2022 pending receipt of environmental permits. Final CEQA MND was adopted by the Board on April 27, 2021. Permit applications have been submitted. Staff is coordinating with City of Palo Alto and City of Mountain View regarding cost sharing on specific project items.		X	
19	26284002	E5: San Francisquito Creek - Upstream of HWY 101	Pope Chaucer design is at 80%; Channel widening design is at 90%; Final EIR was certified in September 2019. SFCJPA will submit permit applications in spring 2022; Channel widening construction is anticipated in summer 2023 pending receipt of permits but more likely 2024 if USACE agrees to fund creek widening construction through CAP 205 funding; Newell Road Bridge (lead by City Palo Alto) construction is expected in summer 2023, pushing Pope-Chaucer Bridge construction to 2024 (schedule will be updated pending USACE CAP 205 study findings). The USACE and SFCJPA hosted a NEPA scoping workshop on October 25, 2021. Comments on the NEPA scoping plan were received in November 2021 and will be incorporated in the draft USACE feasibility study report. The Draft USACE feasibility study report is expected in the summer of 2022, and the final study report is expected early 2023.			X
20	26074002	E2: Sunnyvale East and West Channels	Project design is complete. Google has received their permits and Valley Water is working on submitting the Sunnyvale East and West Channels project permits. Staff is aiming to bring the addendum and agreement with Google to the Board in early 2022.			
21	26154003	E8: Upper Guadalupe River - SPRR to Blossom Hill Road (Reaches 7-12)	In January 2021, the USACE began re-evaluating the entire project, including re-evaluating the project's alternatives and benefit-cost-ratio, with the goal of making the project more competitive for federal funding. The study will take three years and is estimated to be completed by January 2024. The first study milestone, Alternative Milestone, meeting was held on April 20, 2021. The next study milestone, Tentatively Selected Plan, is planned to be completed by April 18, 2022.	N/A	USACE construction	
22	26174043	E1: Coyote Creek - Montague Expressway to Tully Road (for 2017 flood event criteria)	The design consultant for both Phase 1 FOCP Flood Management Measures required for ADTP and Phase 2 Coyote Creek Flood Management Measures for the 2017 flood event criteria has completed the 30% design documents and submitted them for Phase 1 in December 2021; draft 30% plans, specifications and estimates documents for Phase 2 were received in January 2022; Final 30% expected April 4, 2022. Three public meetings were held at Rock Springs Park, Williams Park, and Watson Park areas to discuss the project's progress in mid-October. Staff hosted a public meeting on February 3, 2022 on the 30% design.			X
23	26174051 26174052	E6: Upper Llagas Creek, Phase 2B (Portion of Reach 8, and Reaches 6, 7B, and 14)	On August 17, 2021, NRCS notified Valley Water of committed funding to construct Phase 2B. The funding amount available is up to \$80M. NRCS has stated it could take up to 24 months to approve the project design. Staff is working to satisfy NRCS' requirements as quickly as possible. In addition, staff is pursuing a WIFIA loan if all or a portion of the NRCS funding amount is not realized.			X (2B-TBD)

Capital Project Monitoring Report - February 2022

Design and Permitting Phase

Row	Project No.	Project Name	Notes, Upcoming Board Actions or potential issues	Planned CM Services		
				Internal	External	Combination
24	00044026	San Francisco Bay Shoreline, EIA 11 - Alviso Slough to Coyote Creek Bypass (E7: 26444001, 26444002, 26444004)	Design of Union Pacific Railroad closure and pedestrian bridge structures continues. Design of Reaches 4-5 elements is on hold to explore funding sources for project cost shortfalls and ways to lower Reaches 4-5 costs.	N/A	USACE construction	
25	62084001	Watershed Asset Rehabilitation Program (WARP)	Design is underway for the following projects: Erosion repair for Calabazas Creek (Miller Ave. to Bollinger Rd.) and concrete repair for Permanente Creek (Park Dr. to Mountain View Ave.).	X		
<u>Water Resources Stewardship</u>						
26	26164001	D6: Hale Creek Enhancement Pilot Study	Plans and specifications are complete. Staff is preparing to advertise the project for construction in Spring 2022 and request Board approval for a Construction Management consultant services agreement.		X	
27	26044002	D6: SCW Fish Passage Improvements at Bolsa Rd.	Plans and specifications are complete. Staff is preparing to advertise the project for construction in Spring 2022 and request Board approval for a construction management consultant services agreement.		X	
28	26044001	D4: Almaden Lake Improvements	60% design is complete; Final EIR was certified by Valley Water Board of Directors on May 11, 2021; At the May 11 meeting, the Board selected the project to be constructed under KPI #2 of SCW D4; Information for permit applications are being drafted and coordination meetings are being set up to discuss the applications with the agencies.	X		
<u>Buildings & IT</u>						
No projects to report						

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Santa Clara Valley Water District

File No.: 22-0168

Agenda Date: 2/14/2022

Item No.: 5.2.

COMMITTEE AGENDA MEMORANDUM **Capital Improvement Program Committee**

SUBJECT:

Receive and Discuss Project Update for the Construction of Lower Calera Creek, part of the Lower Berryessa Creek (Phase 2) Flood Protection Project.

RECOMMENDATION:

Receive and Discuss Project Update for the Construction of Lower Calera Creek, part of the Lower Berryessa Creek (Phase 2) Flood Protection Project.

SUMMARY:

The objective of the Lower Calera Creek Flood Protection Project (Project) is to provide flood protection to the surrounding area from a 1-percent flood event. This Project is part of the Berryessa Creek, Lower Penitencia Creek to Calaveras Boulevard, Flood Protection Project No. 40174005. The Project entails constructing new floodwalls with architectural treatment, headwalls, maintenance roads, wetland and landscape plants for mitigation, and a three-year plant establishment and maintenance phase in the City of Milpitas.

Phase 1 was completed in December 2016 and included improvements from the Lower Penitencia Creek confluence up to Abel Street. Phase 2 includes the segment along Lower Berryessa Creek between Abel Street and Calaveras Boulevard and a segment of Calera Creek from the VTA/BART railway that spans to about 880 feet upstream of Arizona Avenue (i.e. Lower Calera Creek). The civil construction work for the Phase 2 portion of Lower Berryessa Creek was completed in July 2020. The Lower Calera Creek Flood Protection Project is the last element of Phase 2.

Construction of the Lower Calera Creek Project began in June 2021 and is planned to take two construction seasons to complete the civil work by January 2023, followed by a three-year plant establishment and maintenance phase. Over the summer of 2021, the Contractor completed floodwalls and headwalls within the 880 foot section upstream of Arizona Avenue, relocated a Comcast overhead utility, and installed a new asphalt concrete path for a City of Milpitas trail.

A field condition arose where sections of the floodwall foundation, located between Milpitas Boulevard and Arizona Avenue, were obstructed by the adjacent existing fence on the Valley Water

property line (see Attachment 1 for figures and pictures), indicating the boundaries of the right-of-way. Staff evaluated the Project plans and determined the floodwall foundation structural design did not account for this close proximity to the property lines. Staff worked with the structural design consultant to redesign the floodwall foundation away from the existing fence and property lines.

Although the revised floodwall foundation design is constructable, the Contractor did not have enough time to build the floodwalls before the October 15 permit deadline to complete work in the creek. In addition, Valley Water and the Contractor have not reached agreement on the change order cost to build the foundations and the Contractor's estimate exceeds the available remaining Project contingency amount.

In addition to constructing the remaining floodwall foundations, other remaining work for the Project includes floodwall and headwall construction between Milpitas Boulevard and the VTA/BART railway, which is on schedule to be completed by January 2023 and not impacted by the fence line issue discussed above.

If staff is not able to find a path forward with the Contractor to complete the floodwall work impacted by the fence lines described above, staff plans to deduct this work from the Contract scope of work and then rebid the unfinished portion of floodwall work, located between Milpitas Boulevard and Arizona Avenue, starting in the winter of 2023. Construction would begin by May 2023 and be completed by January 2024.

ATTACHMENTS:

Attachment 1: Presentation Slides of Fencing Issue

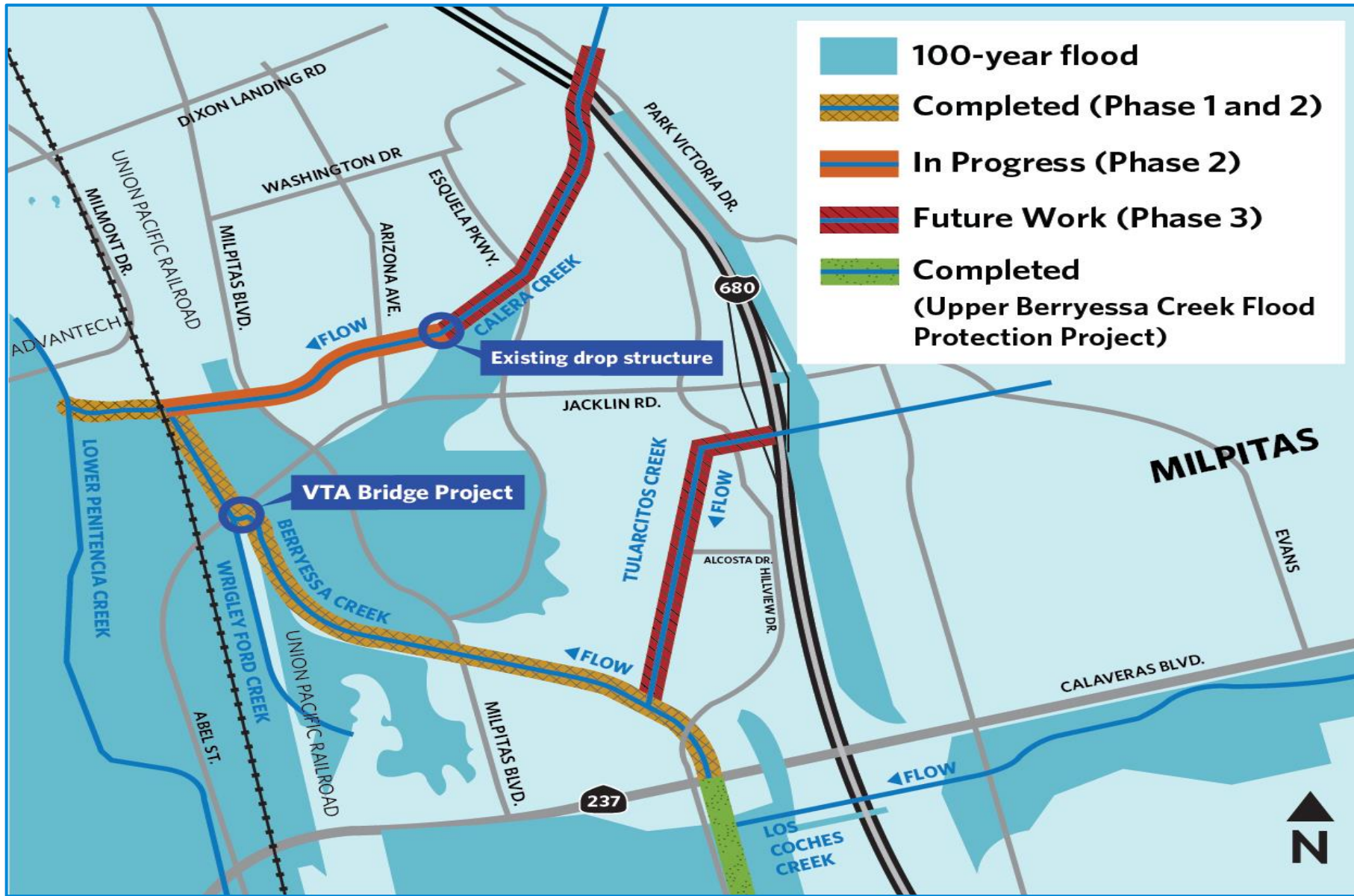
UNCLASSIFIED MANAGER:

Bhavani Yerrapotu, 408-630-2735

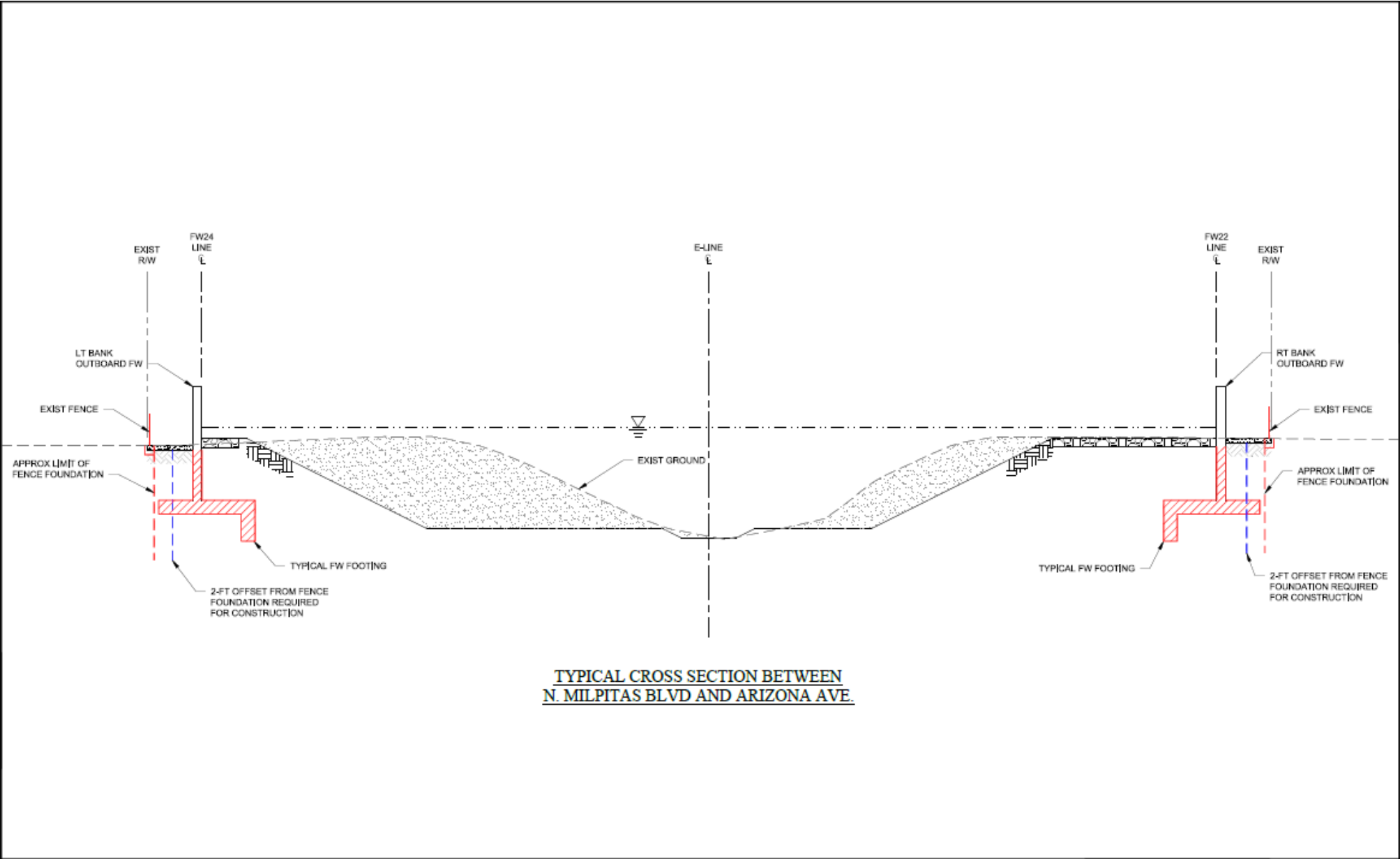


Lower Calera Creek Flood Protection Project

February 2022 CIP Committee Meeting







TYPICAL CROSS SECTION BETWEEN
N. MILPITAS BLVD AND ARIZONA AVE.







Santa Clara Valley Water District

File No.: 22-0200

Agenda Date: 2/14/2022

Item No.: 5.3.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

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 No. 91864005. 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 Anderson Dam Tunnel Project (ADTP).

On April 27, 2021, Valley Water's Board of Directors awarded the construction contract for the Anderson Dam Tunnel Project (ADTP) to the top ranked best value proposer, Flatiron West, Inc., 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.

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 Anderson Dam Tunnel Project 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. 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 Operating Officer: Up to \$5 million
Board of Directors: \$5 million and above

Construction Contract Change Orders Status

There was one Contract Change Order issued on 12/16/2021 in the amount of \$460,250.41 for harvesting and transporting 27 trees with roots to a nearby Valley Water property, demolition of 270 trees, and protection of trees in riparian zones. This change order was the result of a design clarification generated by Valley Water to account for necessary tree removal on portions of Valley Water property that were inadvertently omitted from the Contract Documents at the time of bid.

There is one pending change order, which is currently being analyzed and reviewed by staff, with an amount estimated to be greater than \$5 million, related to design changes that were made following award of contract. These design changes affect the dimensions of the high-level outlet shaft and are needed in response to comments from the California Department of Water Resources' Division of Safety of Dams (DSOD) and FERC. Based on discussion with the CIP Committee in January 2022, the full details of this change order will be presented to the CIP Committee before being presented to the Board of Directors for approval due to the anticipated cost being in excess of the amount delegated to the Chief Executive Officer.

ATTACHMENTS:

Attachment 1: ADTP Construction Contract Change Orders Status

UNCLASSIFIED MANAGER:

Christopher Hakes, 408-630-3796

**Anderson Dam Tunnel Project
Construction Contract
Change Order Status**

Change Order Number	Date	Description	Amount	Contingency Amount	Approval Level
N/A	4/27/2021	Original Contract	\$161,140,321	\$40,000,000	Board
1	12/16/2021	Additional Tree Removal, Protection and Relocation	\$460,250.41		DOO

Remaining Contingency \$39,539,750

Pending Change Order	Description	Approximate Claim Amount
1	Outlet Works Vertical Shaft Re-sizing	> \$5 million

Number of Change Orders Approved Previously	Number Of Change Orders Approved Current Month	Total Number Of Change Orders Executed To Date
1	0	1

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Santa Clara Valley Water District

File No.: 22-0199

Agenda Date: 2/14/2022

Item No.: 5.4.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

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 implementation progress of key projects in the CIP. At their June 29, 2020 meeting, the CIP Committee requested 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 for the Committee's information:

- 1. Amendment No. 1 to the Standard Consultant Agreement A4326G between the Santa Clara Valley Water District and Stantec Consulting Services, Inc. for WIFIA Application Funding Support for the Pacheco Reservoir Expansion Project, Project No. 91954002 (Time Extension) (C. Hakes).**

Staff will recommend Deputy Operating Officer approval of Amendment No. 1 to Agreement A4326G with Stantec Consulting Services, Inc. to extend the expiration date of the Agreement from February 26, 2022, to June 30, 2023.

Valley Water is planning to submit a single financing Water Infrastructure Finance and Innovation Act (WIFIA) loan application to the Environmental Protection Agency (EPA) in 2022 for up to 49% of the costs for the Pacheco Reservoir Expansion Project. Due to delays in the EPA's 2020 and 2021 Notices of Funding Availability (NOFA) for WIFIA loans, additional time is needed for the Consultant to complete the requested services commensurate with the EPA loan application timing. Services to support Valley Water's application preparation are included in the Agreement A4326G with Stantec Consulting Services.

Extending the term of this Agreement will allow for the Consultant to continue to perform WIFIA application funding support for the Pacheco Reservoir Expansion Project.

File No.: 22-0199

Agenda Date: 2/14/2022
Item No.: 5.4.

ATTACHMENTS:

None.

UNCLASSIFIED MANAGER:

Chris Hakes, 408-630-3796



Santa Clara Valley Water District

File No.: 22-0201

Agenda Date: 2/14/2022

Item No.: 5.5.

COMMITTEE AGENDA MEMORANDUM

Capital Improvement Program Committee

SUBJECT:

Review 2022 Capital Improvement Committee Work Plan.

RECOMMENDATION:

Review the 2022 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 to prepare an Annual Committee Accomplishments Report.

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.

The CIP Work Plan (Attachment 1) is presented for the Committee's review to determine topics for discussion in 2022.

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.

ATTACHMENTS:

Attachment 1: 2022 CIP Committee Work Plan

UNCLASSIFIED MANAGER:

Candice Kwok-Smith, 408-630-3193

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CIP Committee 2022 Workplan

	Jan	Feb	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			X	
Construction	X		X			X			X			X
CIP Implementation												
Lower Berryessa Creek Phase 2 Project Update		X										
10-Year Pipeline Program Overview and Updates			X									
Dam Safety Program Overview and Updates				X								
ERP System Implementation Overview and Updates					X							
Consultant Agreement Compliance Process						X						
Capital Projects not in Monitoring							X					
CIP Development												
CIP Planning Process												
• Annual CIP Process and Integrated Financial Planning Schedule and Review of Initially Validated and unfunded Projects										X		
• Review Significant Project Plan Updates											X	
Preliminary CIP Review												X
Standing Items												
Anderson Dam Tunnel Project Contingency and Change Order Monitoring	X	X	X	X	X	X	X	X	X	X	X	X
Upcoming Consultant Agreement Amendments	X	X	X	X	X	X	X	X	X	X	X	X
Workplan	X	X	X	X	X	X	X	X	X	X	X	X
Minutes	X	X	X	X	X	X	X	X	X	X	X	X
Annual Election of Committee Officer		X										

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