



**LOS VAQUEROS RESERVOIR JOINT POWERS AUTHORITY
OPERATIONS AND ENGINEERING COMMITTEE
AGENDA**

Regular Meeting
February 16, 2023 – 10:00 a.m.

SPECIAL NOTICE OF TELECONFERENCE ACCESSIBILITY

Pursuant to the provisions of Government Code Section 54953(e), as amended by Assembly Bill 361, any Committee Member and any member of the public who desires to participate in the open session items of this meeting may do so by accessing the Zoom link below without otherwise complying with the Brown Act's teleconference requirements.

Please click the link below to join the Meeting/Webinar:

<https://lagerlof.zoom.us/j/83227564437?pwd=SnBST0lHQXdkbm8rNEp0ODB0NjN0dz09>

Webinar ID: 832 2756 4437

Passcode: 567930

Or One tap mobile:

US: +16699006833,,83227564437#,,,*567930#

or Telephone: +1-669-900-6833

Any member of the public wishing to make any comments to the Committee may do so by accessing the above-referenced link where they may select the option to join via webcam or teleconference. Members of the public may also submit written comments to the Clerk by 4:00 p.m. on the day prior to the meeting for the Clerk to read into the record (subject to three-minute limitation). The meeting Chair will acknowledge such individual(s) at the appropriate time in the meeting prior to making their comment. Members of the public will be disconnected from the meeting prior to any Closed Session, if applicable.

NOTE: To comply with the Americans with Disabilities Act, if you need special assistance to participate in this Committee meeting, please contact the Authority's Interim Clerk at rperea@lagerlof.com by 4:00 p.m. on February 15, 2023 to inform the Authority of your needs and to determine if accommodation is feasible. Each item on the Agenda shall be deemed to include any appropriate motion, resolution, or ordinance, to take action on any item. Materials related to items on this Agenda are available for public review at: www.losvaquerosjpa.com/board-meetings.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL OF COMMITTEE MEMBERS

Jose Gutierrez – Chair, San Luis & Delta-Mendota Water Authority

Jonathan Wunderlich – Alameda County Water District

Antonio Martinez – Contra Costa Water District

Steve Ritchie – San Francisco Public Utilities Commission

PUBLIC COMMENT ON NON-AGENDA ITEMS

Any member of the public wishing to address the Operations and Engineering Committee regarding items not on the Agenda should do so at this time. The Committee welcomes your comments and requests that speakers present their remarks within established time limits and on issues that directly affect the Authority or are within the jurisdiction of the Authority.

DISCUSSION ITEMS

1.1 December 15, 2022 Operations and Engineering Committee Meeting Summary

1.2 Review of Transfer-Bethany Pipeline Status

FUTURE AGENDA ITEMS

ADJOURNMENT

ITEM 1.1: DECEMBER 15, 2022 OPERATIONS AND ENGINEERING COMMITTEE MEETING SUMMARY

RESPONSIBLE/LEAD STAFF MEMBER:

James Ciampa, General Counsel

DISCUSSION:

Attached for the Committee's information is the summary prepared for the December 15, 2022 Operations and Engineering Committee meeting.

ALTERNATIVES:

Any suggested revisions to the attached summary will be considered.

FISCAL ANALYSIS:

Not applicable.

ENVIRONMENTAL REQUIREMENTS:

Not applicable.

EXHIBITS/ATTACHMENTS:

Summary from December 15, 2022 Operations and Engineering Committee meeting



SUMMARY OF REGULAR MEETING OF OPERATIONS AND ENGINEERING COMMITTEE

SUMMARY OF REGULAR MEETING OF OPERATIONS AND ENGINEERING COMMITTEE

December 15, 2022 – 10:00 a.m.

Chair Jose Gutierrez and Committee Members Antonio Martinez, Steve Ritchie and Jonathan Wunderlich were present.

1.1 November 17, 2022 Operations and Engineering Committee Meeting Summary.
The summary from the November 17, 2022 Operations and Engineering Committee meeting was presented. Committee member Antonio Martinez requested a change to item 1.3 to include his comment regarding the fact that under a Project Labor Agreement, trade unions must continue to provide services in the event of a labor dispute, which will avoid possible work stoppages. The draft summary was accepted with that revision.

1.2 Review of Pumping Plant #1 Physical Model Results.
Interim Administrator Patil introduced Chris Hentz, CCWD's LVE Engineering Manager, to provide information regarding Pumping Plant #1. Mr. Hentz then introduced Stan Ali, Senior Engineer at CCWD, who provided the Committee with an overview of the work contemplated at Pumping Plant #1 and to discuss the results from the recently completed physical modeling of Pumping Plant #1. Members of the committee posed questions regarding sources of power to the pumping plant, repairs and maintenance, security and canal subsidence. Mr. Hentz provided supplemental information in answer to committee members' questions, including that CCWD acquires power for the plant from the Central Valley Project and Modesto Irrigation District and that CCWD maintains security for the plant.

FUTURE AGENDA ITEMS:

- General Counsel James Ciampa stated Executive Director Taryn Ravazzini requested the Committee be informed that it will meet as usual in January, but that a joint meeting with the Finance Committee will be scheduled in February to focus on bridge funding.
- Discussion of power to the various Project facilities.
- Transfer Pipeline inspection presentation.

The next Committee meeting is scheduled for January 19, 2023 at 10:00 a.m.

The meeting was adjourned at 10:46 a.m.

James D. Ciampa

James D. Ciampa
General Counsel

ITEM 1.2: REVIEW OF TRANSFER-BETHANY PIPELINE STATUS

RESPONSIBLE/LEAD STAFF MEMBER:

Taryn Ravazzini, Executive Director

DISCUSSION:

CCWD staff will provide the Committee with a review of the current status of the Transfer-Bethany Pipeline, including an overview of that pipeline, a review of the proposed alternative alignments and discussion of the status of the land acquisition plan for that Project component.

The Transfer-Bethany Pipeline is a key Project component that delivers benefits to JPA members and to the wildlife refuges by connecting the Project's Transfer Facility to the State Water Project's California Aqueduct. CCWD will provide further details on this component.

ALTERNATIVES:

For information only

FISCAL ANALYSIS:

Not applicable

ENVIRONMENTAL REQUIREMENTS:

Not applicable

EXHIBITS/ATTACHMENTS:

Slide deck regarding Transfer-Bethany Pipeline Status to be provided later.

The logo for the Los Vaqueros Reservoir Expansion Project. It features the text "LOS VAQUEROS" in blue, "RESERVOIR EXPANSION" in green, and "PROJECT" in green. To the right of the text is a stylized graphic of a reservoir dam or structure, composed of several horizontal bars of varying heights, colored in shades of blue and green.

LOS VAQUEROS RESERVOIR EXPANSION PROJECT

The background of the slide is a scenic landscape. In the foreground, there are rolling green hills with a paved road and a concrete dam structure. In the middle ground, a large blue reservoir is visible. In the background, there are more rolling green hills and a line of wind turbines under a clear sky.

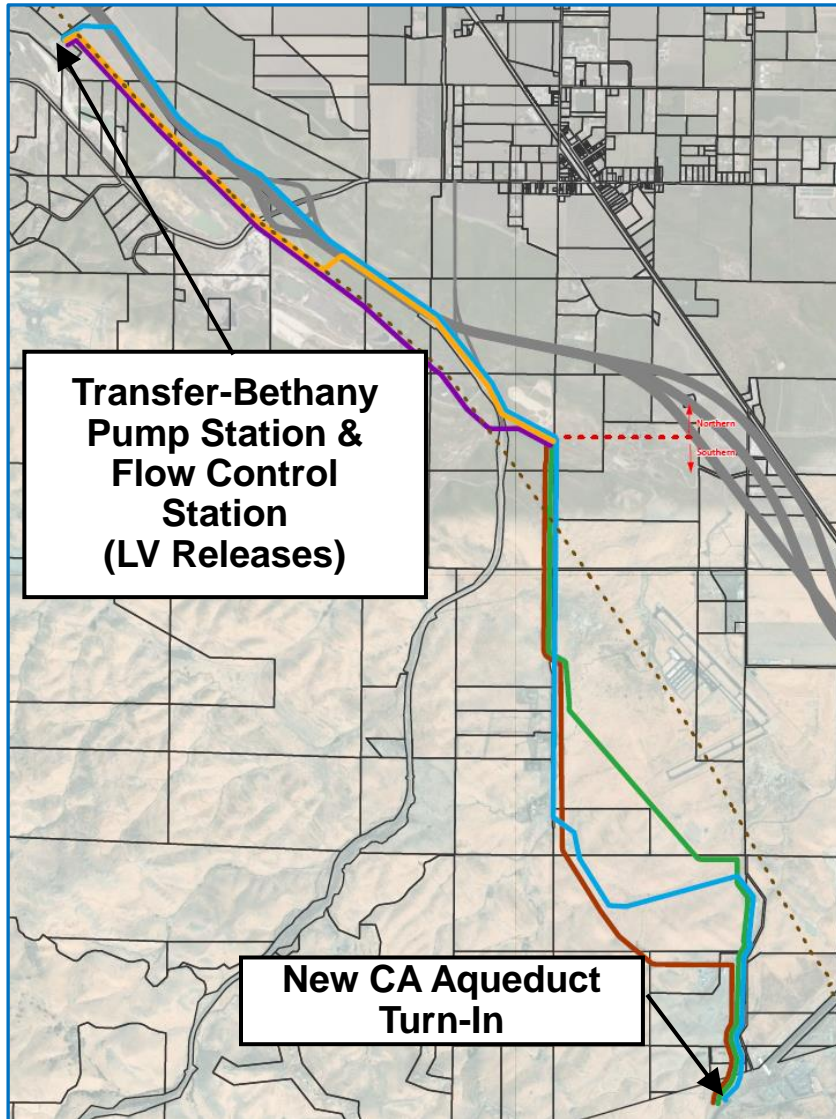
**Operations and Engineering
Committee Meeting
Transfer-Bethany Pipeline
Work Plan Update**

February 16, 2023

Background

- Transfer-Bethany Pipeline (TBPL) supplies Project benefits by delivering water from the Transfer Pump Station to the California Aqueduct at Bethany Reservoir
- TBPL design includes a 90-inch, 7.5-mile pipeline with a capacity of 300 cubic feet per second (cfs)
- Recommended alignment varies from the EIS/EIR alignment in some locations; a CEQA addendum is proposed after additional design work completed

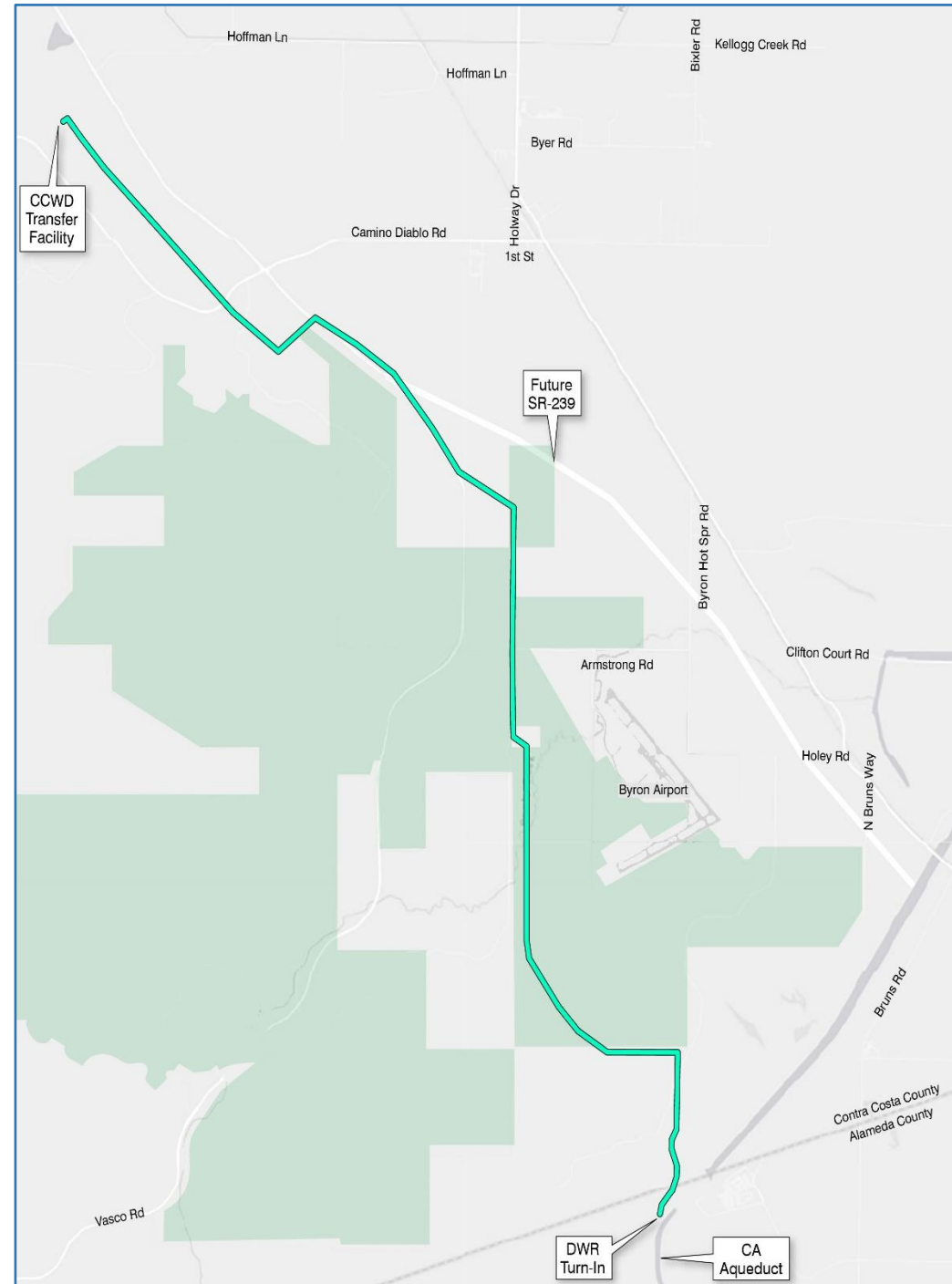
TBPL Alignment Analysis



- Evaluated a wide variety of alignments in 2019
- Refined and further evaluated alignments in 2021:
 - Impacts to lands under conservation protections
 - Planned transportation improvements
 - Impacts to sensitive habitat
 - Capital and long-term costs
 - Others

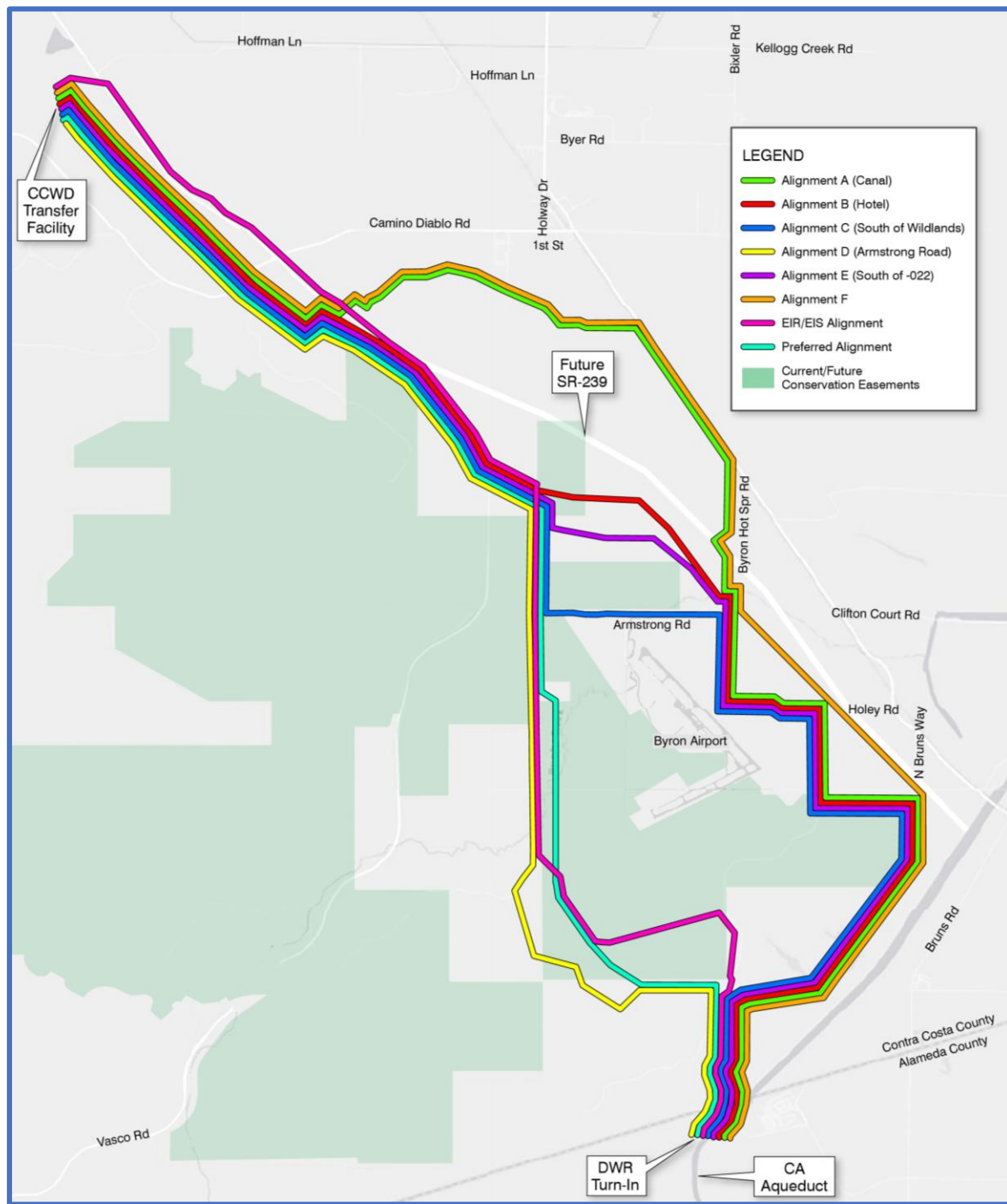
Recommended Alignment

- Reduces conflicts with planned Vasco Road widening and planned interchanges
- Reduces impacts to lands encumbered with conservation protections
- Overall lowest cost option
- Least impacts to sensitive habitat



CDFW Coordination

- CDFW requested evaluation of additional alignments avoiding conservation protections
- Increases length by up to 2 miles and construction cost by \$40 million
- Requires a Project delay of 18 months (total additional cost of \$140 to 170 million)
- **CDFW advised Project will pursue Recommended Alignment**
- Developing plan for right-of-way acquisition



California Aqueduct Turn-In

- A Turn-In Agreement between the JPA and the Department of Water Resources is needed prior to the CWC Final Award Hearing
- DWR will own and maintain facilities on DWR property; JPA will be responsible to pay DWR costs
- DWR is reviewing 90-percent design
- Agreement is being drafted consistent with other DWR Turn-In Agreements

Design Activities

- Aerial surveys have been completed
- Conduct site investigations on select parcels
 - Geotechnical investigations and environmental surveys
 - Limited to areas common to the EIS/EIR alignment and not under conservation protections; approximately 3 miles of the alignment
 - Phase 1 site investigations planned for Fall 2023
- Progress utility coordination and Vasco Road crossing using trenchless installation (tunnel)

Right-of-Way (ROW) Acquisition Plan


- Pursue permission to access lands in March for initial phase of site investigations in Fall 2023
- Prepare ROW acquisition plan for JPA review in Fall 2023 outlining approach and timing
 - Specialty legal counsel will support ROW acquisition on lands under conservation protections
 - Associated Right of Way will support acquisition of ROW from private landowners
- ROW acquisition will be on the critical path for construction; initiate land acquisition immediately following CWC Full Funding Agreement

Schedule



Fall 2023 – Initial phase site investigations

Fall 2023 – Preliminary Design Report



Early 2024 – CEQA Addendum to address changes to the alignment



Spring/Summer 2024 – Conduct remaining site investigations and initiate land acquisition