



Board of Directors

Brian Brennan, Director
Richard Hajas, Director
Neil Cole, Director

Mary Bergen, Director
Pete Kaiser, Director

CASITAS MUNICIPAL WATER DISTRICT Meeting to be held at the

The meeting will be held via Zoom video and teleconference.

Join Zoom Meeting

<https://us06web.zoom.us/j/82817591234?pwd=NUdhSytkRWt3UmkvRnVsYkpsNW5OUT09>

Meeting ID: 828 1759 1234 Passcode: 437429

To attend the meeting via telephone please call (888) 788-0099 or (877) 853-5247

Enter Meeting ID: Meeting ID: 828 1759 1234#

Passcode: 437429#

Special Meeting Agenda

July 27, 2021 @ 5:00 PM

Right to be heard: Members of the public have a right to address the Board directly on any item of interest to the public which is within the subject matter jurisdiction of the Board. The request to be heard should be made immediately before the Board's consideration of the item. No action shall be taken on any item not appearing on the agenda unless the action is otherwise authorized by subdivision (b) of §54954.2 of the Government Code and except that members of a legislative body or its staff may briefly respond to statements made or questions posed by persons exercising their public testimony rights under section 54954.3 of the Government Code.

1. CALL TO ORDER
2. ROLL CALL
3. PUBLIC COMMNTS - Presentation on District related items that are not on the agenda - three minute limit.
4. ACTION ITEMS

- 4.a. Discussion and possible action on State Water Interconnection Options.
[Board Memo SWP Interconnection 072721.pdf](#)
[SWP Options Presentation 072721.pdf](#)
[Comment Ltr on State Wtr Connections.pdf](#)

5. ADJOURNMENT

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: BOARD OF DIRECTORS
FROM: MICHAEL FLOOD, GENERAL MANAGER
SUBJECT: DISCUSSION AND POSSIBLE ACTION ON STATE WATER PROJECT INTERCONNECTION OPTIONS
DATE: 07/27/21

RECOMMENDATION:

- Receive a presentation on the Ventura-Santa Barbara Counties Intertie project and Calleguas-Ventura Interconnection Project

BACKGROUND:

In June 2021, the Board requested a discussion on the costs and benefits of two State Water Interconnection projects that the District has been considering: the Ventura-Santa Barbara Counties Intertie Project and the Calleguas-Ventura Interconnection Project.

Ventura-Santa Barbara Counties Intertie Project

Casitas is currently working on the design of the proposed Ventura-Santa Barbara Counties Intertie project, which connects Casitas' transmission system on the west side of Ventura County to Carpinteria Valley Water District's (CVWD) system on the southeastern end of Santa Barbara County. The project includes construction of approximately 6,000 feet of 16-inch pipeline, two pump stations, and piping modifications at two tanks. The project would provide a direct connection for delivery of imported water, with an estimated yield of approximately 2,000 acre-feet per year (AFY) on average. Capital costs are estimated to be approximately \$15.5 million, and preliminary operating costs are estimated to be \$2,100-\$2,900 per acre-foot (AF).

Calleguas-Ventura Interconnection Project

Three segments of new proposed pipeline and facilities would provide imported water to the City's western system and allow for a potential in-lieu program in which the City would take delivery of State Water in order to offset their similar demand on Lake Casitas. The required components of this project are:

- **Calleguas-Ventura (Calleguas portion).** Calleguas would take the lead in the design of a new pipeline from Santa Clara Avenue to the connection point to their system at Springville Reservoir.
- **Calleguas-Ventura (City portion).** The City of Ventura (City) is currently working on the design of the pipeline and facilities from the City's eastern system connection on Henderson Road to Calleguas' system connection on Santa Clara Road.
- **East-West Waterline Project (City of Ventura Capital Project).** This project would deliver required imported water to the western portion of the City's service area in order to offset water supplied from Lake Casitas. Note: This is a City-funded capital project and

is thus not part of the Calleguas-Ventura Interconnection Project but required to make an in-lieu arrangement physically operate.

Capital costs of the City's portion of the Calleguas-Ventura pipeline are estimated to be \$30 million. The City has proposed that Casitas share in 1/3 cost (or approximately \$10 million) to support a future in-lieu program. The estimated operating cost to deliver State Water to the City of Ventura is \$1,000-\$1,300 per AF.

Staff will provide a presentation to review and discuss both projects.

Attachments:

- Presentation on State Water Interconnection Projects



State Water Interconnection Options



Board of Directors
July 27, 2021

Agenda

- Ventura-Santa Barbara Counties Intertie
- Calleguas-Ventura Interconnection
- Discussion





Ventura-Santa Barbara Counties Intertie





Coastal Branch &
CCWA Pipeline

Lake Cachuma



Source: Carl, Right/Mapbox, GeoEye, AeroGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, AeroGlobe, IGN, the GIS User Community



Lake Cachuma

South Coast Conduit

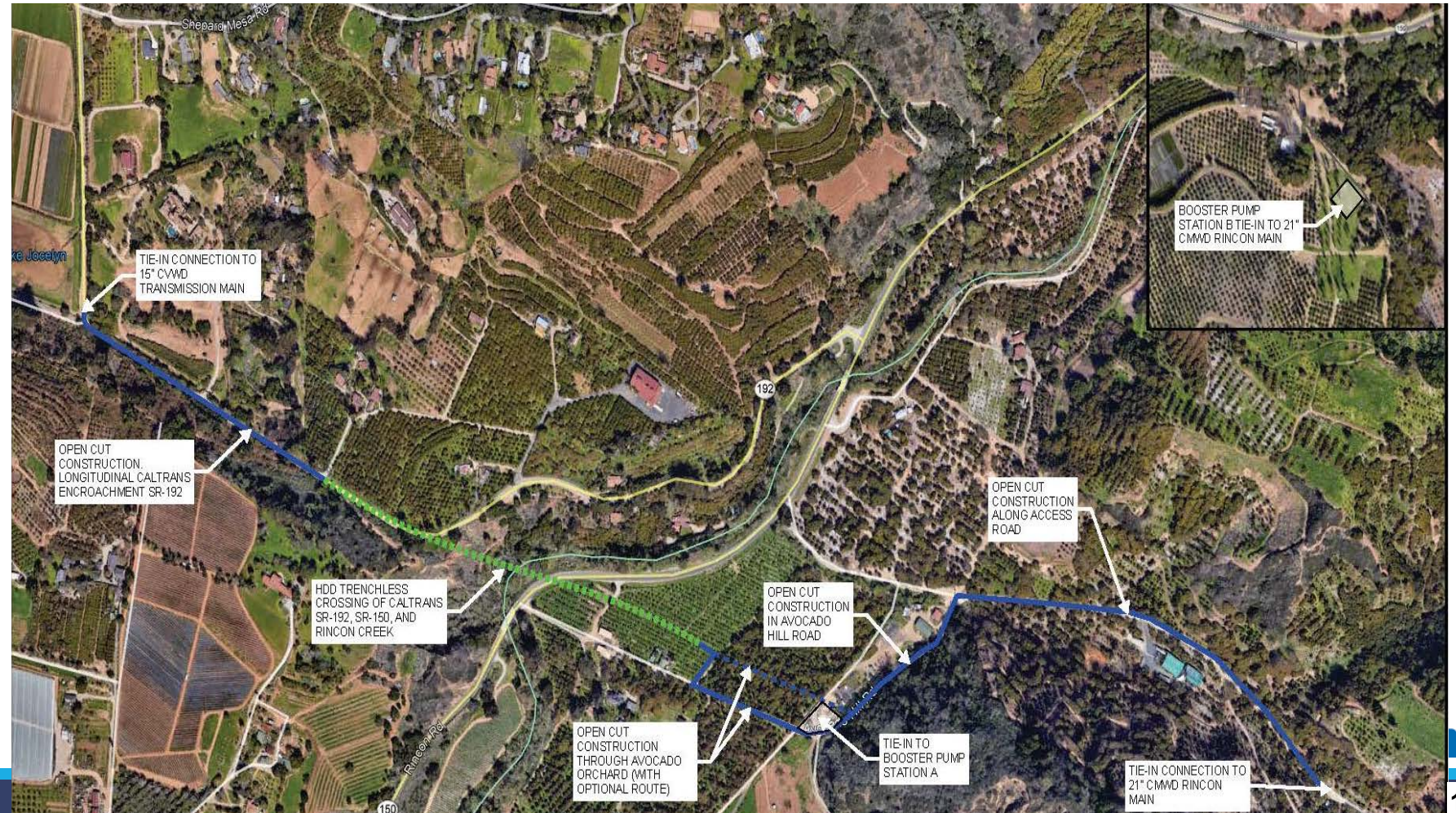
Lake Casitas



Source: Carl, DigitalGlobe, GeoEye, Earthstar Geographics, CNR/SAMTAC, DEC, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project Facilities

- 1.3 mile, 16-inch pipeline
- 2 booster pump stations
- Direct connection to emergency supply



Assumed Average Yield

- 12-year utilization of CCWA is 50%, approx. 7,500 AFY
 - Typical availability for CCWA during non-drought years
- 16-inch diameter at 4,000 gpm
- 2,000 acre-feet available over 4 months of year



Preliminary Capital Costs

- \$15.5 Million
- SRF ASADRA Loan
 - \$3M forgiveness
 - \$7M financed over 30 year at 0% rate
 - \$5.5M financed over 30 year at 50% of CA general obligation bond rate for previous calendar year (assume 0.85% interest)
- Annual Debt Payment ~ \$443,000



Operational Cost Components

- DWR Fixed Costs for Coastal Branch
- DWR Variable Costs
- CCWA Fixed and Variable Costs
- USBR Warren Act Charges
- City of Santa Barbara Treatment Costs
- Carpinteria Valley Water District Wheeling Costs
- Casitas Pumping and Treatment Costs



Preliminary Operational Unit Cost

- \$2100- \$2900/AF (fixed and variable)
- Casitas' share of fixed costs is negotiable
 - Casitas would use excess capacity and have lower priority use
- Payment with water could reduce monetary costs
- Terms have yet to be negotiated



Current Status

Task	Status	Proposed Funding	Estimated Date of Completion
Design	Underway	Reserves (\$1M included in FY22 budget)	Q1 2022
CEQA Compliance	Underway	-----	Q1 2022
Institutional Agreements	Pending	-----	2025 (Pending)
Construction	Pending	ASADRA Loan & Water Rates	2025 (Pending)



Calleguas-Ventura Interconnection





Carpinteria

Lake Casitas

Oak View

Ojai

City of Ventura Eastside to Westside Waterline Interconnection Pipeline

Ventura

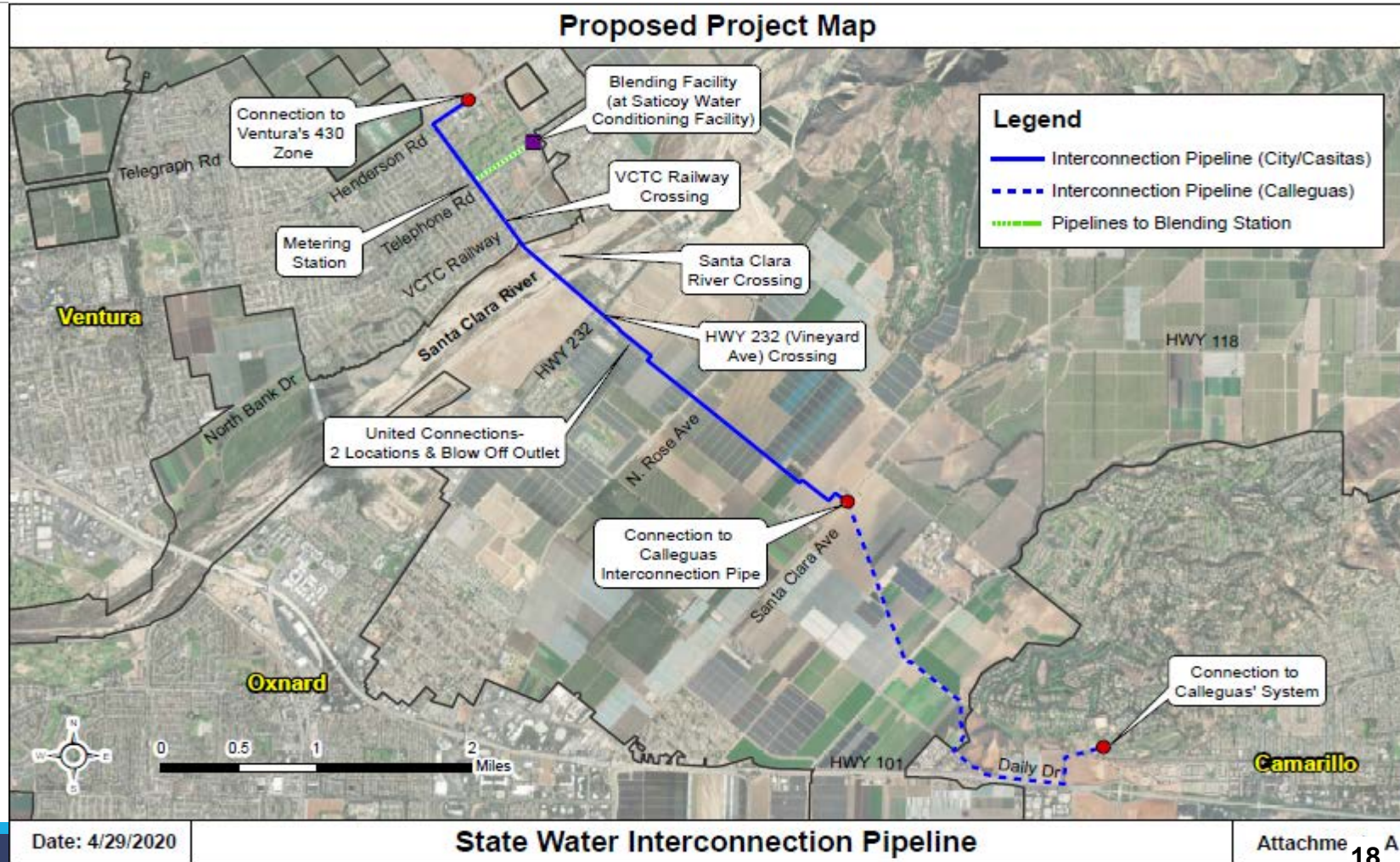
Camarillo

30-inch, 7 mile pipeline



Project Facilities

- 7-mile, 30-inch pipeline
- In-lieu supply to conserve Lake Casitas
- Additional infrastructure needed to provide Casitas direct emergency supply



Assumed Average Yield

- 3,100 AFY ~ Average available from State Water Project
- In lieu benefits depend on how much City of Ventura's west-side system demands can be offset by State Water
 - Requires construction of East-West Waterline Project
- 3,823 AFY ~ City's 10-year average purchases from Lake Casitas



Preliminary Capital Cost

- Calleguas-Ventura Pipeline (Calleguas portion): Proposed to be funded by Calleguas
- Calleguas-Ventura Pipeline Cost (City portion): \$30 Million
 - Proposed cost share: 2/3 City, 1/3 Casitas
 - Proposed cost to Casitas: \$10 million
- City's East-West Waterline Project Cost: Funded by City



Operational Cost Components

- DWR Variable Costs
- MWD Treated Water Wheeling Costs
- Calleguas MWD Wheeling Costs
- Operating costs of City-owned facilities



Preliminary Operational Unit Cost

- \$1000- \$1300/AF
- Additional analysis needed on revenue impacts
- Terms have yet to be negotiated



Current Status

Task	Status	Proposed Funding	Estimated Date of Completion (provided by City of Ventura)
Design	Underway	Pending	December 2022
CEQA Compliance	EIR Addendum	-----	July 2021
Institutional Agreements	Pending	-----	Q4 2021 / Q1 2022 (pending)
Construction	Pending	TBD	December 2024 (pending)

Yield and Cost Summary



Yield and Cost Summary

Project	Average Yield, AFY	Preliminary Capital Cost	Preliminary Operational Cost
Ventura-Santa Barbara Counties Intertie	2,000	\$15.5 Million	\$2100-2900/AF
Calleguas-Ventura Interconnection	3,100	\$10 Million	\$1000-1300/AF



Discussion



Discussion

- Board Questions
- Public comment
- Board Discussion and Possible Action



End of Presentation



July 26, 2021



**VENTURA
RIVER
WATER DISTRICT**

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Mr. Mike Flood, General Manager
And Casitas Board of Directors
Casitas Municipal Water District
1055 Ventura Ave.
Oak View, CA 93022

Subject: Comment on State Water Connections Workshop July 27, 2021

Dear Mr. Flood;

The Ventura River Water District Board of Directors has consistently been in strong support of making connections to the State Water Project to improve the reliability of our local water resources in the face of significant drought. At your workshop on July 27, 2021, the Casitas Board is going to be reviewing connection options to the State Water system through Carpinteria and/or Camarillo/Ventura.

According to your estimates the average annual yield of Carpinteria is 2,000 AF and Ventura/Camarillo is about 3,100 AF per year for about 5,000 AF per year total. The health and safety need of the Ojai Valley communities in the event Lake Casitas goes dry is about 5,000 AF per year. Having both connections could prove essential.

Each connection has advantages and disadvantages. The Carpinteria connection appears to be about 50% more expensive and have about 1/3 lower capacity. But, more importantly, it creates possible access to desalinated sea water from Santa Barbara.

The Ventura/Camarillo connection connects with the State Water Project, Colorado River system, and the diversified supplies of the Metropolitan Water District. It will not only be supported by more diverse supplies of water but will also have greater capacity than the Carpinteria connection. The 3,100 AF projected yield is only of the in-lieu option. Future, more expensive, options can significantly increase the capacity of this connection if they are needed.

With the current status of the lake at 35.8%, an ultra-dry year this year, a projection of a La Nina (below normal rain year) next year and 2012 to 2017 proving that we can have 5 consecutive years of 8" to 12" of rain: this is no time to drop either connection that may prove critical for meeting health and safety needs of the valley if Lake Casitas drops to minimum pool. The value of having multiple connections with diverse sources of water cannot be understated.

If this year is the first of another 5 dry years, the lake will be in critical low condition four years from now.

If the Board desires to prioritize the two connections: the Ventura/Camarillo connection should have higher priority; it is lower cost, higher yield, earlier completion, expandable with a pump station to serve the valley, and fewer agreements.

If funding is an issue, Casitas should look at its water rates for large residential customers. For a residential customer using 30 units of water per month, Casitas has the lowest rates in Ventura County. The courts have recommended in Prop. 218 rulings that the cost for new water is an eligible cost to place on the upper tiers for large water users. These large water users are using up to 30 times as much water from the lake as ultra-conserving customers using only 1 unit of water but they only pay little over twice as much on their water bill as the ultra-conservers. The big water users should be paying their fair share for funding emergency water connections through Carpinteria and Ventura/Camarillo to make up for using 30 times as much water as other customers.

My recommendation is that Casitas continue to invest in the State Water connections through both Carpinteria and Ventura to Camarillo.

Very Truly Yours

VENTURA RIVER WATER DISTRICT



Bert J. Rapp, General Manager