



DELTA CONVEYANCE **DESIGN & CONSTRUCTION** AUTHORITY

ENGINEERING A RELIABLE WATER SUPPLY FOR CALIFORNIA

DELTA CONVEYANCE DESIGN & CONSTRUCTION AUTHORITY (DCA)

The DCA is a joint powers authority created by 16 California public water agencies to assist with the design and construction of a modernized Delta Conveyance Project (DCP). The DCA is currently focused on design and engineering needed to support environmental review and permitting. As a public agency, the DCA is subject to the Brown Act and the Public Records Act.

DCA Member Agencies

Metropolitan Water District of Southern California
Kern County Water Agency
Santa Clara Valley Water District

Class 2

Alameda County Flood Control Zone 7 Water District
Alameda County Water District

Class 3 and 7

Santa Clarita Valley Water Agency
Dudley Ridge Water District

Class 8

Antelope Valley-East Kern Water Agency
Coachella Valley Water District
Crestline-Lake Arrowhead Water Agency
Mojave Water Agency

San Gabriel Valley Municipal Water District
San Bernardino Valley Municipal Water District
Desert Water Agency
San Geronio Pass Water Agency
Palmdale Water District



Publication Date: March 2022

Information contained in this brochure was current at the time of publication. Since the Delta Conveyance Project is a proposed project, it is not unusual for project elements to be refined as the process moves forward.

UNDERSTANDING DCA'S WORK

The California Department of Water Resources (DWR) develops and plans the proposed Delta Conveyance Project. Under the direct supervision of DWR, the DCA conducts concept engineering and design work to support the environmental review process in accurately assessing impacts and identifying effective mitigation measures. By leaving fewer unknowns to future design, the DCA's work allows better informed concepts in the final environmental documents. Work conducted by the DCA includes, but is not limited to:

- Field investigations of soil and other conditions
- Development of layout for proposed project and alternatives
- Studies on transportation modes and routes, including how to minimize construction effects to those who live and work in the region
- Support of air quality analysis to identify

how to reduce carbon emissions throughout construction

- Evaluations of equipment and materials to reduce noise and other community impacts
- Tactics to reduce construction time
- Program controls to support the management of risks, procurement, costs, schedule and document control
- Information provided through a variety of channels including social media, public presentations, conferences and Stakeholder Engagement Committee meetings
- Community engagement that provides clear, concise, accessible and timely information to the public; facilitates public participation in the planning process; and improves mutual understanding and transparency to encourage dialogue and facilitate constructive public input



SEE
THE
VIDEO



Scan the code
to learn
DCA's purpose



DCA TEAM

Our team includes regionally-based, internationally acclaimed engineers and outreach professionals with a broad range of credentials and experience with high impact infrastructure projects. In developing conceptual plans for a proposed Delta Conveyance Project, the DCA team incorporated feedback from Delta stakeholders as well as world-class Independent Technical Review teams for peer review to support the highest engineering standards combined with community-based considerations.



Graham Bradner / Executive Director

Graham has over 20 years of experience in the evaluation, design, and construction of large-scale water supply infrastructure in Northern California. He is a Professional Geologist in the State of California, as well as Certified Engineering Geologist, Certified Hydrogeologist, and Project Management Professional. His broad experience and skills were developed through leading and working on large and multi-discipline projects ranging from screening studies and feasibility studies through development of detailed designs and packages for bidding and construction. Before being appointed Executive Director, Graham was the DCA engineering lead for forebay and levee features, siting studies, and program-wide evaluations. He also served as deputy to the Engineering Design Manager and was responsible for coordinating design efforts for various components of the project.

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MORE

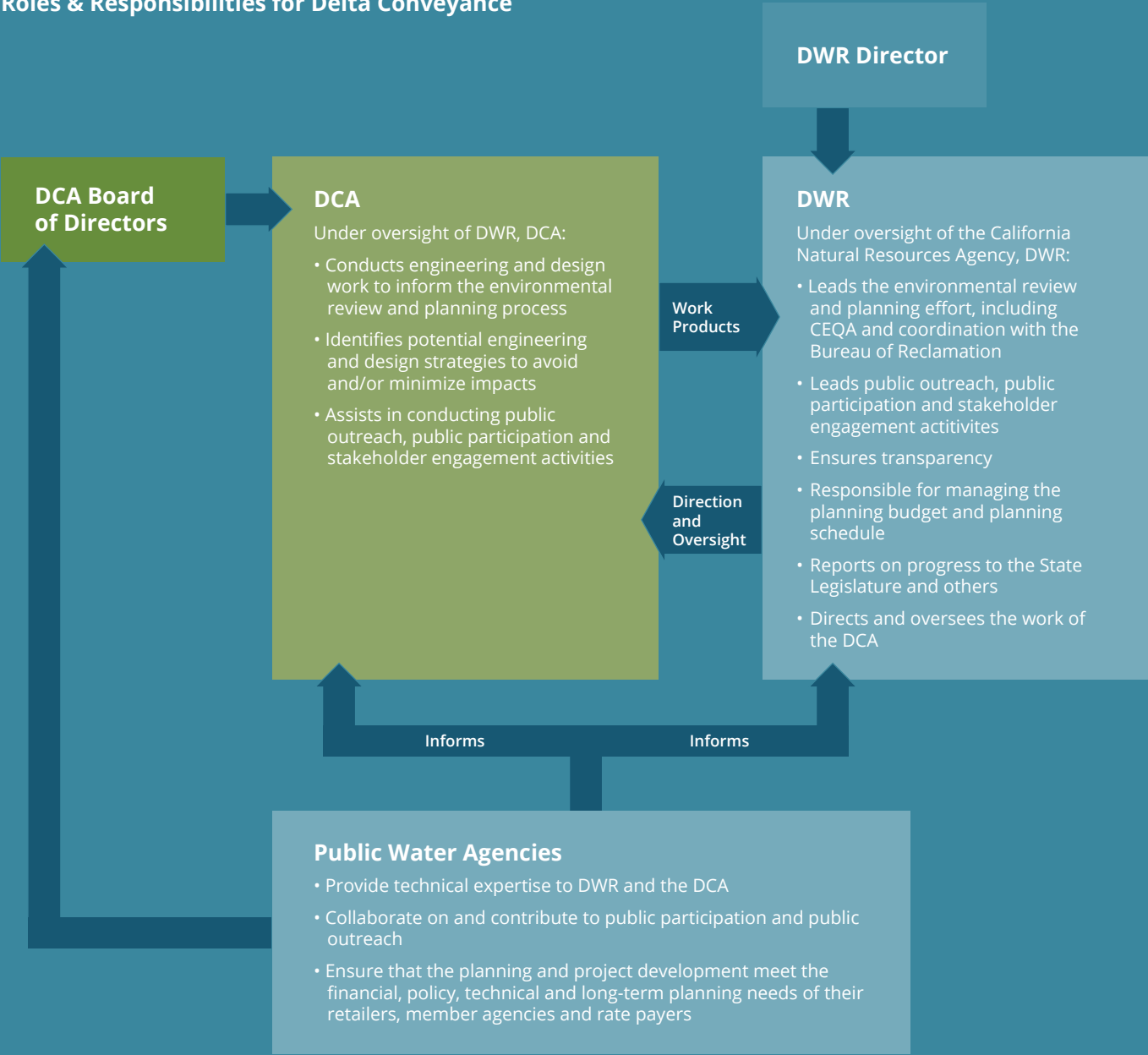


Scan to learn more
about the DCA Team
and Board of Directors

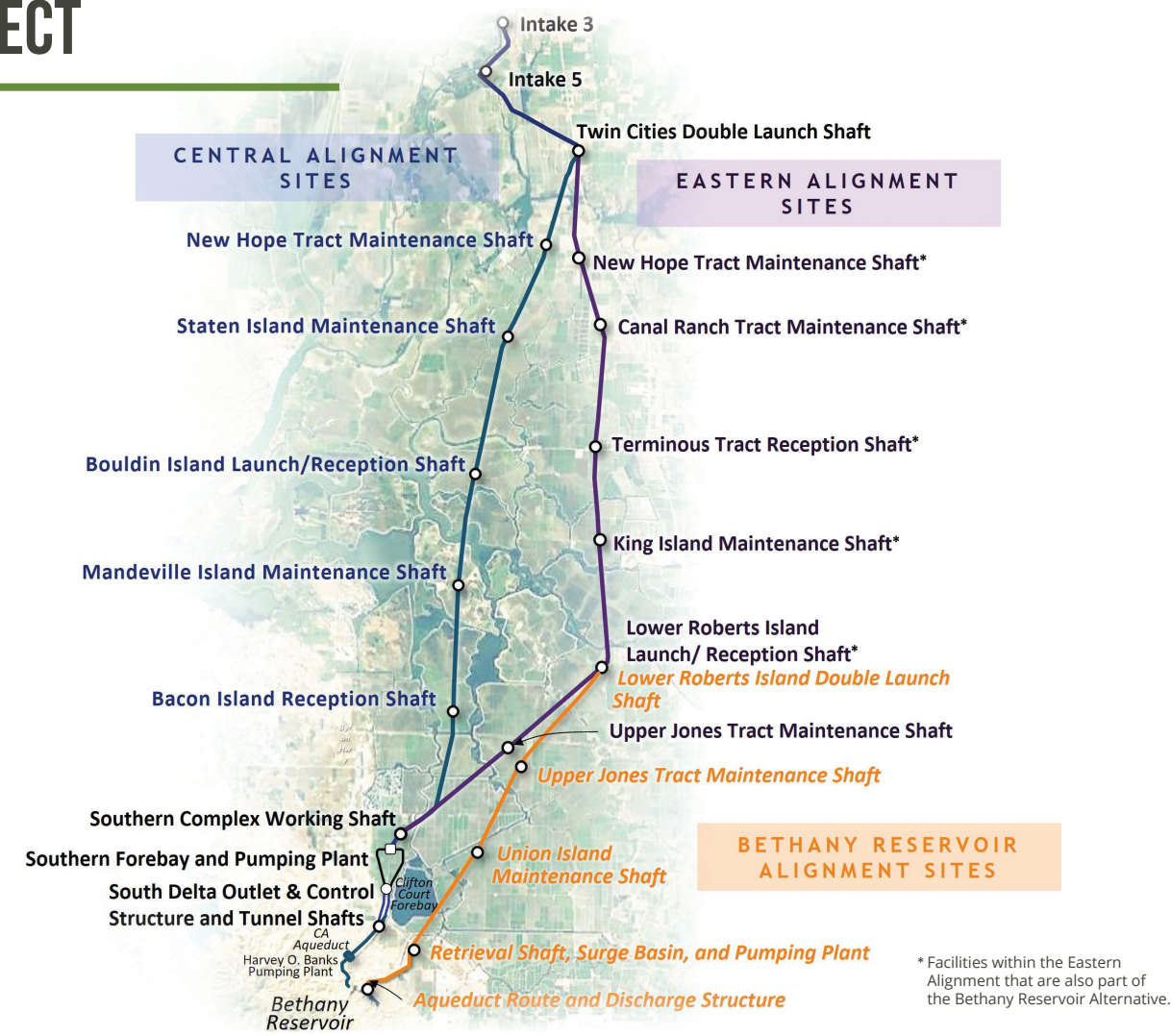


DWR/DCA TEAM ORGANIZATION

Roles & Responsibilities for Delta Conveyance



DELTA CONVEYANCE PROJECT



Options for a single-tunnel proposal for the Delta Conveyance program

Status: Environmental review process (CEQA) is underway. Draft EIR expected in 2022.

NOTE: These maps are for discussion purposes only and are subject to change. They do not represent a decision by the Delta Conveyance Design and Construction Authority or California's Department of Water Resources (DWR). Final decisions about the project will be made by DWR and will NOT be made until the concluding stages of the California Environmental Quality Act process.

WHAT IS DELTA CONVEYANCE AND WHY IS IT IMPORTANT?

Delta conveyance refers to State Water Project (SWP) infrastructure in the vast network of waterways comprising the Sacramento-San Joaquin Delta (Delta) that collects and moves fresh, clean and affordable water to homes, farms and businesses throughout major regions of the state from the Bay Area to Southern California.

The Delta is at the center of California's vital water distribution system. Two-thirds of California's water originates in the Sierra Nevada Mountains as snowpack and eventually flows through the Delta. The State Water Project collects and delivers water from the Delta to more than 27 million Californians and 750,000 acres of farmland, consistent with water rights and applicable water quality requirements. The infrastructure that enables conveyance for California's primary water supply is critical to the health of local communities and the success of our state's economy.

Why is the Delta Conveyance Project needed?

Because the SWP relies on the Delta's natural channels to convey water, it is vulnerable to earthquakes and sea level rise. Upgrading SWP infrastructure protects against these threats and secures the longevity of the SWP and the



future reliability of SWP water supplies. DWR's fundamental purpose in proposing the project is to develop new diversion and conveyance facilities in the Delta to restore and protect the reliability of SWP water deliveries consistent with the State's Water Resilience Portfolio in a cost-effective manner. DWR is considering the Delta Conveyance Project to address sea level rise and climate change, minimize water supply disruption due to seismic risk, protect SWP water supply reliability and provide operational flexibility to improve aquatic conditions in the Delta.

While three alternative alignments are being considered in DWR's environmental review process, only one alignment, utilizing one tunnel, would potentially be chosen.

MORE
INFO



Scan the code
to learn more
about the project



STAKEHOLDER ENGAGEMENT



In 2019, the DCA Board formed a Stakeholder Engagement Committee (SEC) of community members who live and work in the Delta. The goal was to integrate community-focused modifications into the planning and conceptual design of the proposed project. Feedback sought included traffic flow, optimal stockpile locations, uses for recycled tunnel material, tunnel shaft placement, and efficient materials movement.

In 2021, DCA engineers completed preliminary

conceptual designs for the California Department of Water Resources to be used in environmental evaluation of the proposed project alternatives, as required by the California Environmental Quality Act (CEQA). Results of SEC feedback included adjustments to facilities locations, the elimination of an intermediate forebay, proposed road improvements to address traffic concerns, and the reduction of the project footprint in several areas.

While the SEC was officially sunset in January 2022, DCA staff continues to outreach to the broader community via social media and conducting small group engineering briefings to communities neighboring the proposed project footprint. These combined efforts aim to not only keep Delta-area stakeholders informed about the proposed project’s process and current status, but also to provide more specific and detailed information based on community need.

DCA staff are available to meet with community groups upon request. Contact info@dcdca.org.

It is important to note participation in the SEC and engineering briefings in no way indicate support for any delta conveyance project. DCA’s outreach is not intended to replace CEQA-related outreach, particularly during scoping or Draft Environmental Impact Report (DEIR) public comment periods. DWR is committed to a rigorous outreach effort, separate from the SEC.



Scan the code to learn more about the SEC



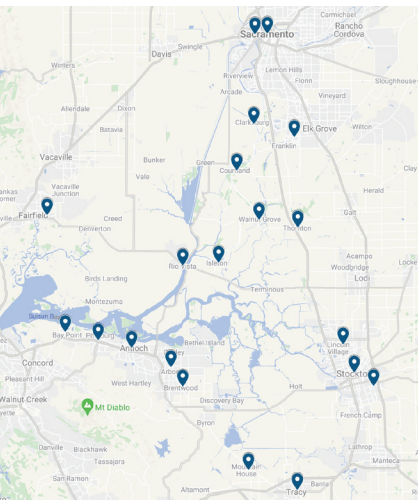
VIRTUAL TOURS, MAP BOOKS AND MORE AVAILABLE ONLINE

DCA has developed a map book and virtual video tours of the proposed Delta Conveyance Project Alignment options that were submitted to the DWR for environmental analysis: the Eastern Alternative Alignment, Central Alternative Alignment, and Bethany Alternative Alignment. Visit the DCA website and YouTube channel to get the information about the placement and approximate sizes of the proposed components of the proposed Delta Conveyance Project.

SEE THE
VIDEOS



Scan the code to see virtual tours of the Delta. Virtual tours are also available in Spanish and Cantonese.



DCA INFORMATION MATERIALS AVAILABLE AT LOCAL LIBRARIES

Delta area public libraries are a valuable resource for the Delta community at large. Understanding limits of broadband and computer access in the region, DCA has provided area libraries with the following resources in print and on flash drives: Updated Mapbooks, SEC agendas and materials, proposed Delta Conveyance Project materials, including deep-dive educational videos, virtual tours, and other materials related to the proposed project from the DWR and DCA. Librarians have been briefed on these resources and materials and can help visitors access information as related to the proposed project.

MORE
INFO



Scan the code to see materials regarding the project

LINKS AND RESOURCES

From DCA ([dcdca.org](https://www.dcdca.org))

Latest Map Book of Proposed Alignment Alternatives

https://www.dcdca.org/wp-content/uploads/2022/01/Mapbook_January2022.pdf

Virtual Tours Videos

<https://tinyurl.com/DCAVirtualTours>

Stakeholder Engagement Committee Member questions and responses

<https://www.dcdca.org/info-center/q-a-library/>

Stakeholder Engagement Committee (SEC) Meeting Videos

<https://tinyurl.com/DCASECMeetings>

NOTE: Information presented may be refined as meetings progress due to refinements made to conceptual plans based on stakeholder feedback, design changes intended to reduce anticipated effects, in light of new information, etc.

All Stakeholder Engagement Committee Meeting Materials, by year and month of meeting

<https://www.dcdca.org/meetings/#engagement-committee-meetings>

From Department of Water Resources

General Information page

<https://water.ca.gov/Programs/State-Water-Project/Delta-Conveyance>

Sign-up for updates

<https://tinyurl.com/DWRUpdates>

“Deep Dive” Videos

Videos on a variety of topics ranging from the State Water Project to Water Allocations to Soil Investigations
<https://tinyurl.com/DWRdeepdive>

Additional Information and Resources

<https://tinyurl.com/DCAPublicInfo>

Questions and Additional Information

deltaconveyance@water.ca.gov | 1-866-924-9955

FOR QUESTIONS AND ADDITIONAL INFORMATION:

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