Overview and Update

Essential Climate Adaptation Strategy

- California faces a future of continued water instability, more rain, less snow, and more frequent extreme events like drought and flood

- The proposed Delta Conveyance Project protects against future water supply losses caused by climate driven weather extremes, sea level rise and earthquakes

- The proposed Delta Conveyance Project helps ensure that the State Water Project can capture, move and store water by making the most of big, but infrequent, storm events

CLICK HERE to view our Quick Question video series.

Bethany Reservoir and the start of the California Aqueduct

Prudent Public Policy

- 27 million Californians rely on the State Water Project

  - **That's 1 in 12 Americans,** including about 6 million disadvantaged community members

- Communities must have confidence in the stability and efficiency of the State Water Project in the face of climate change

- Local resiliency requires a stable State Water Project to support recycling, groundwater management, storage and conservation

- Water managers need functional water infrastructure to meet all water supply needs, including health and safety, economy, environment and water quality

DROUGHT RELIEF

MISSED OPPORTUNITY

If the Delta Conveyance Project was operational during the high rain events in January (1/1/23–1/31/23), we could have moved

228,000 **acre-feet of water**

into the San Luis Reservoir.

228,000 acre-feet of water

=

enough water to supply:

Over **2.3 million** people for one year

or

Nearly **800,000** households for one year

The theoretical DCP diversion of 228,000 acre-feet is about **40%** **of the total volume exported by the SWP in water year 2022.**

Proposed Project: Bethany Alignment

6,000 cfs	2 intakes
Pumping plant connects the tunnel directly to the existing Bethany Reservoir on the California Aqueduct	

Tunnel by the Numbers

1 below-ground tunnel for approximately 45 miles
36 feet tunnel diameter (inside)
140–170 feet approximate depth range of tunnel
18 inches thickness of tunnel segments

Modernized Water Infrastrucure

Use of design and engineering innovations have resulted in a proposed project that is responsive to community needs and lessens environmental effects to the extent feasible.

- Construction approach that minimizes disturbance to local communities and the environment
- Considered ways to minimize noise, traffic, power-needs, aesthetic effects,boating and waterway effects, land disturbance
- Use of state of the art fish screens and tunneling technology with design and oversight from world class engineers and construction specialists
- Launch shafts moved away from intakes, the proposed route avoids the central Delta, acreage needed to store tunnel material has been minimized, avoids using Highway 160, power near sandhill crane habitat has been undergrounded, there are no barge landings and no need for forebays

CLICK HERE to see a fact sheet covering preliminary design and engineering objectives

CLICK HERE to see a fact sheet comparing the Delta Conveyance Project to previous conveyance proposals

Robust Community Engagement

- Environmental Justice/Disadvantaged Communities focus using dedicated consultant and based on guidance about best practices from statewide outreach experts
- Extensive coordination with Tribes
- Delta community engagement to obtain local insight during conceptual design/engineering to avoid and minimize impacts
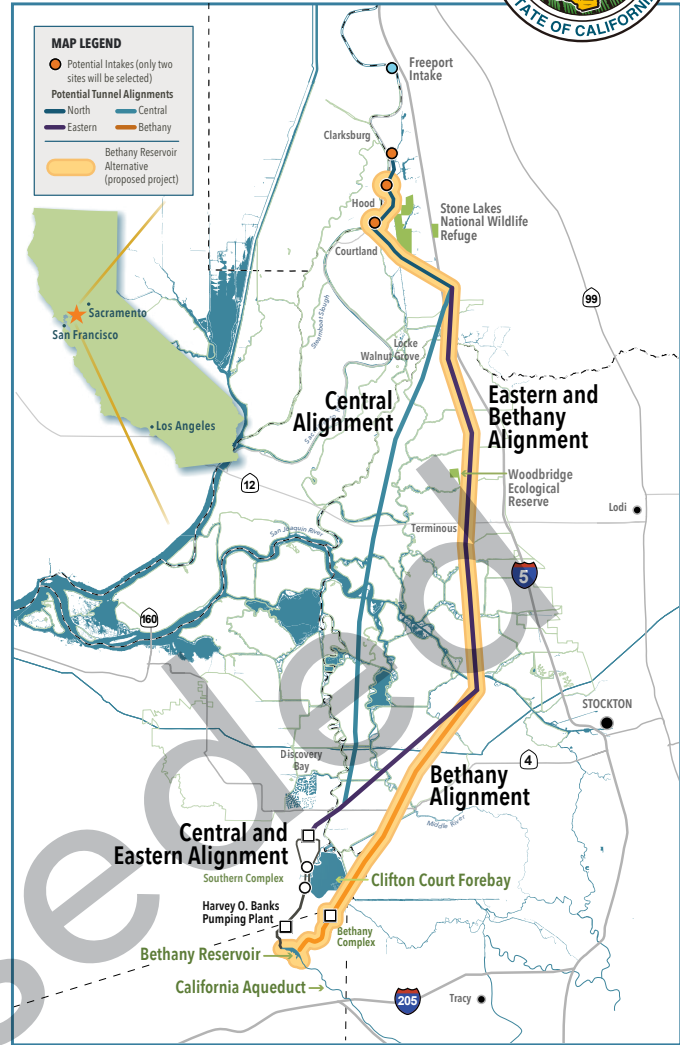
Only one tunnel alignment will be selected.

Committed to a Comprehensive Community Benefits Program

Acknowledge and address the reality that impacts are local to the Delta, but direct project benefits accrue to other parts of the state.

- Overarching Delta Fund
- Leave-behind infrastructure
- Targeted hiring, job training and business participation expectation
- Open to town-by-town community benefits agreements

Status Update

- Final Environmental Impact Report anticipated to be released in late 2023
- Additional environmental planning and permitting processes underway