



DCA

DELTA CONVEYANCE DESIGN
& CONSTRUCTION AUTHORITY

The Delta Conveyance Project: Building California's Water Future

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The State Water Project & Delta Conveyance Project

Service Area:

- Serves 27 million Californians
- Delivers ~2.6 MAF annually
- Critical to urban and agricultural economies

Increasing Risk

- Climate-driven “weather whiplash”
- More extreme drought and flood cycles
- Seismic and sea level vulnerability

How Would DCP Help

- Adds North Delta intakes
- Captures high winter flows
- Modernizes aging infrastructure
- Protects long-term reliability



Missed Opportunities

If the Delta Conveyance Project was operational over the past five winters, a significant amount of water could have been captured and moved.

Amount of water that could
have been captured.*

That's enough water to supply:

Water Year
2022

110,000
acre-feet

Over **1.1 Million**
people for one year

Over **385,000**
households for one year

Water Year
2023

186,000
acre-feet

Nearly **2 Million**
people for one year

Over **650,000**
households for one year

Water Year
2024

815,000
acre-feet

Over **8.5 Million**
people for one year

OR

Over **2.8 Million**
households for one year

Water Year
2025

956,000
acre-feet

Over **10 Million**
people for one year

Over **3.3 Million**
households for one year

Water Year
2026

585,000
acre-feet

Over **6.3 Million**
people for one year

Over **2.1 Million**
households for one year

(Oct 1, 2025 – May 28, 2026)

*Estimates have been updated to reflect the Incidental Take Permit.

Delta Conveyance Project Team



DWR

Department of
Water Resources

- ◆ Owner / Operator of State Water Project
- ◆ Lead on all permits
- ◆ Oversees DCA work



DCA

Delta Conveyance
Design and
Construction Authority

- ◆ Engineering to support planning and permitting
- ◆ Design and build project



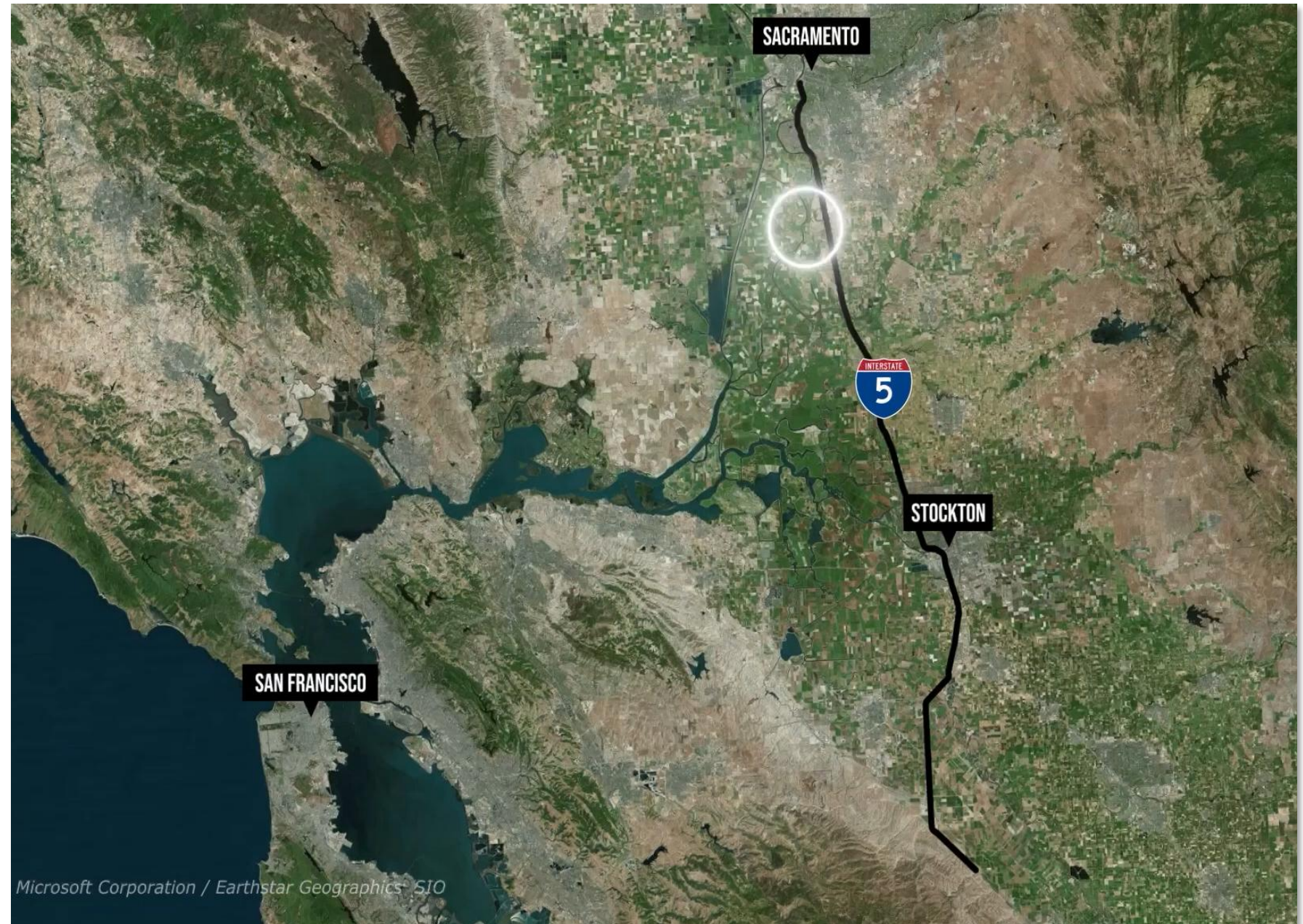
Public Water Agencies

- ◆ Project funders
- ◆ Governs DCA via appointed board

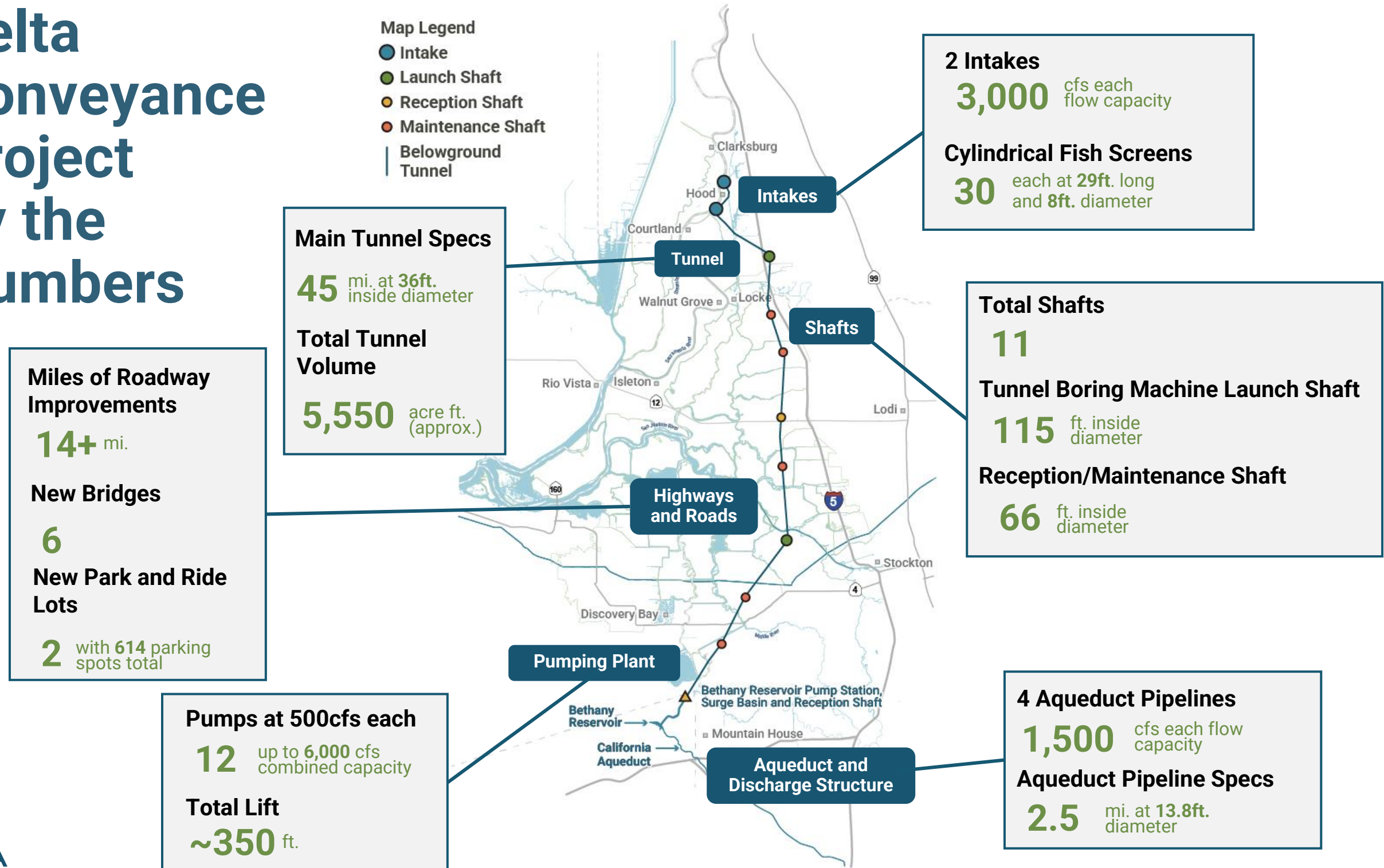
A Very Different Project

Bethany Reservoir Alignment – 6,000 cfs (~10% design)

- Two (2) new intakes in the North Delta
- Conveyance tunnel: 45 miles of 36-ft ID single tunnel, 11 shafts
- New pumping plant, aqueducts and discharge structure connecting directly to Bethany Reservoir



Delta Conveyance Project by the Numbers



2024 Cost Estimate

- “Bottoms up” (deterministic, unit cost) estimating approach based on labor, equipment, materials, and schedule
- Estimate uses 2023 “real” undiscounted dollars
- Reconciliation process with independent cost estimating and resolution
- Mostly AACE Class 4 Estimate (accuracy +80% to -55%) with some Class 5 aspects
- Assumes Design-Bid-Build procurement

	DCP (2023 \$'s)
TOTAL CONSTRUCTION COSTS	\$15,012,000,000
Intakes	\$1,714,000,000
Tunnel and Shafts	\$6,353,000,000
Pumping Plant /Surge Basin/Aqueduct & Discharge	\$3,198,000,000
Utilities and Logistics (power included below)	\$283,000,000
Construction Sub-Total	\$11,548,000,000
Contingency (30%)	\$3,464,000,000
OTHER PROGRAM COSTS	\$5,108,000,000
Planning/Design/CM (Soft Costs)	\$3,328,000,000
DWR Oversight	\$426,000,000
DCA Program Management Office	\$668,000,000
DCA Engineering (Design and CM Services)	\$2,167,000,000
DCA Permits and Agency Coordination	\$67,000,000
Other Costs	\$1,780,000,000
Land Acquisition	\$158,000,000
Mitigation Program	\$960,000,000
Power	\$415,000,000
CCWD Settlement	\$47,000,000
Community Benefits Program	\$200,000,000
TOTAL	\$20,120,000,000

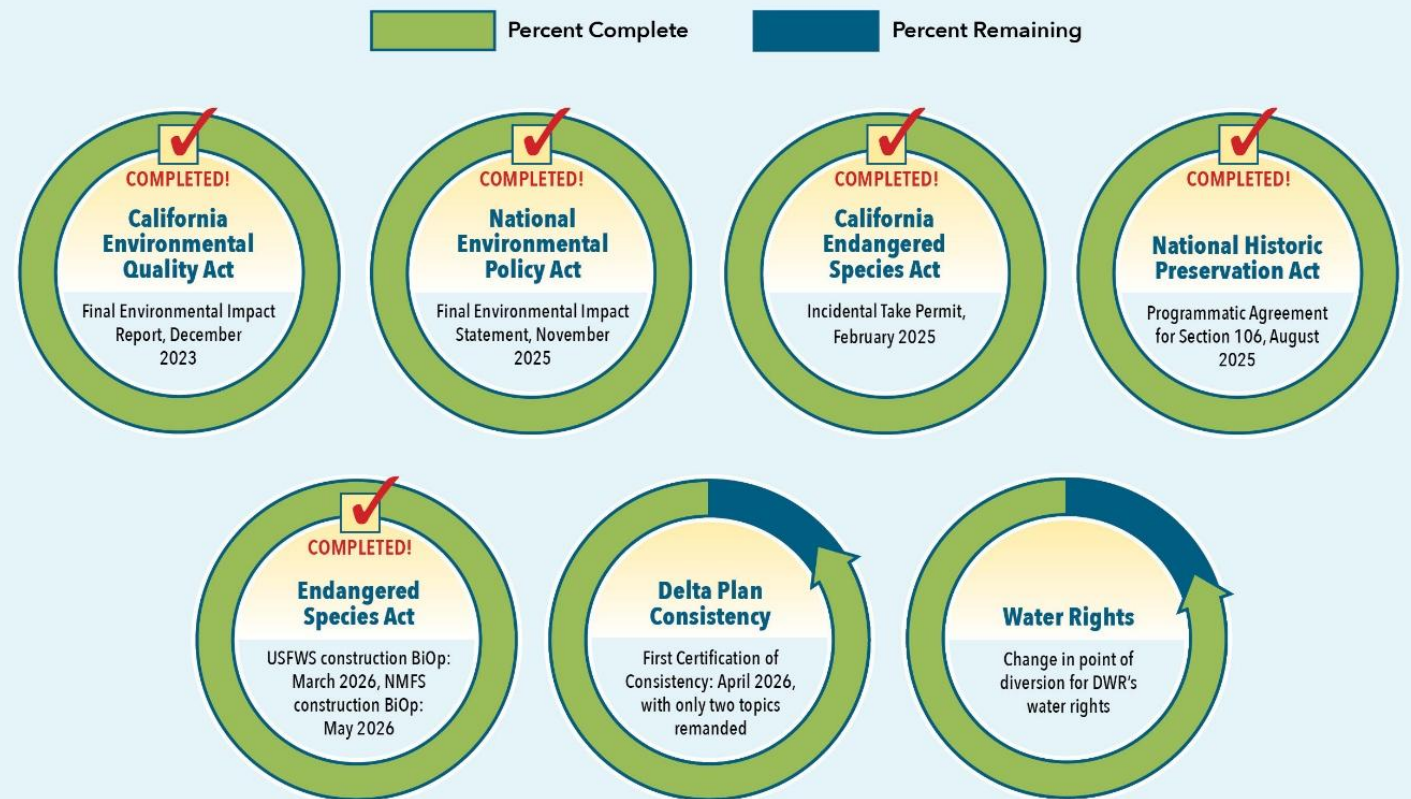
Focus on Readiness

1) Prepare information for PWA funding and participation decisions

- Completion of major permits
- Development of performance baseline (cost & schedule)
- This work will inform the next phase of funding decisions targeted for 2028

Making Progress to Secure California's Water Supplies

The Department of Water Resources (DWR) has made considerable progress in completing complex state and federal planning and permitting processes, in addition to movement on the community engagement, design and engineering, and planning funding aspects of project development.



Focus on Readiness

2) Preparing for transition to Engineer of Record teams to complete final design of project features

- Conduct systemwide field studies (surveys, geotechnical & geoenvironmental investigations) along the project alignment and prepare initial dataset
- DCA anticipates beginning procurement for Engineer of Record teams in late 2028 to advance early project elements



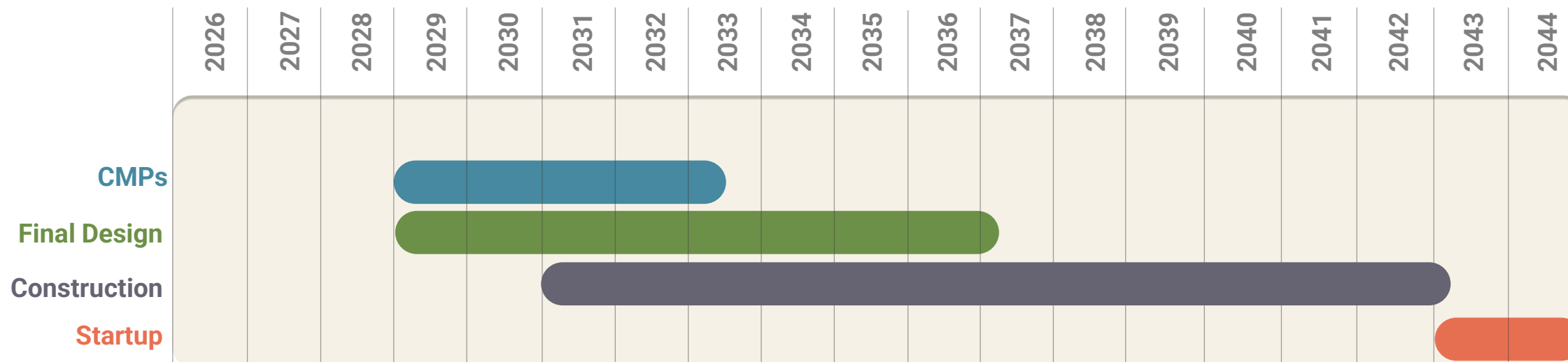
A phase of 2026 field investigations concluded in September, with more activities set to ramp up significantly heading into 2027

Focus on Readiness

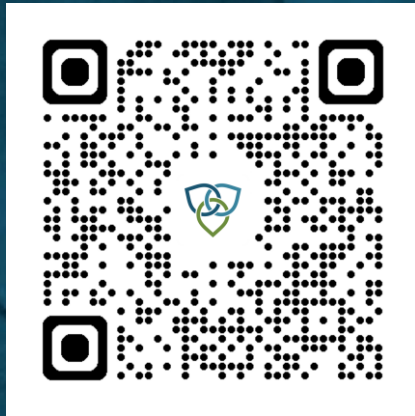
3) Prepare the DCA for transition from planning/permitting to program delivery

- Development of internal management plans, procedures, systems, contract documents and governance updates
- Current planning anticipates early construction activities beginning around 2029, including compensatory mitigation, site preparation, access roads
- Procurement timing will continue to be refined as the project advances

Schedule Update



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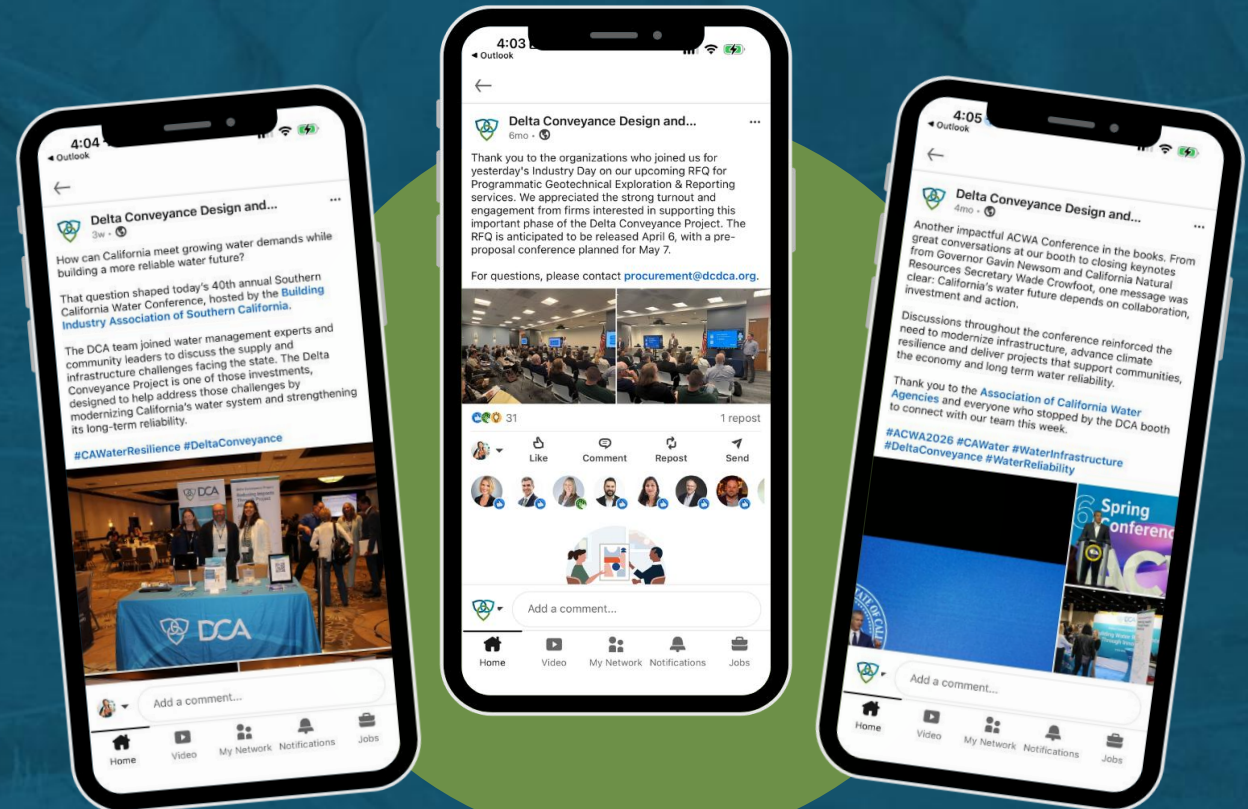
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Questions?



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