

Sites Reservoir Project

Contractor Informational Session

2/13/2024



Agenda

- Introductions
- Objectives
- Project Overview
- Delivering the Sites Project
- Reservoir Package Overview
- Preliminary Schedule for Upcoming Procurements
- Next Steps

Introductions – Sites Project Staff

Sites Staff	Role
Jerry Brown, PE	Executive Director
JP Robinette, PE	Engineering and Construction Manager
Ali Forsythe	Env. Planning and Permitting Manager
Kevin Spesert	External Affairs Manager
Joe Trapasso	Program Operations Manager
Marcia Kivett	Sites Project Coordinator
Terri Boland	Sites Board Clerk

Objectives for today



Provide overview of the
Sites Project



Present spotlight on
Reservoir Package



Communicate
expectations for follow
on activities/preliminary
procurement schedule

Project Overview



Sites Reservoir...

... a generational opportunity to construct an off-stream **multi-benefit water storage** project that helps restore **flexibility, reliability,** and **resiliency** to our water supply



Broad Statewide Participation



30 Agencies

9 JPA Members

22 Reservoir Committee Members

Federal and State Agencies

Serving ~24.5 million people and
500,000+ acres of farmland

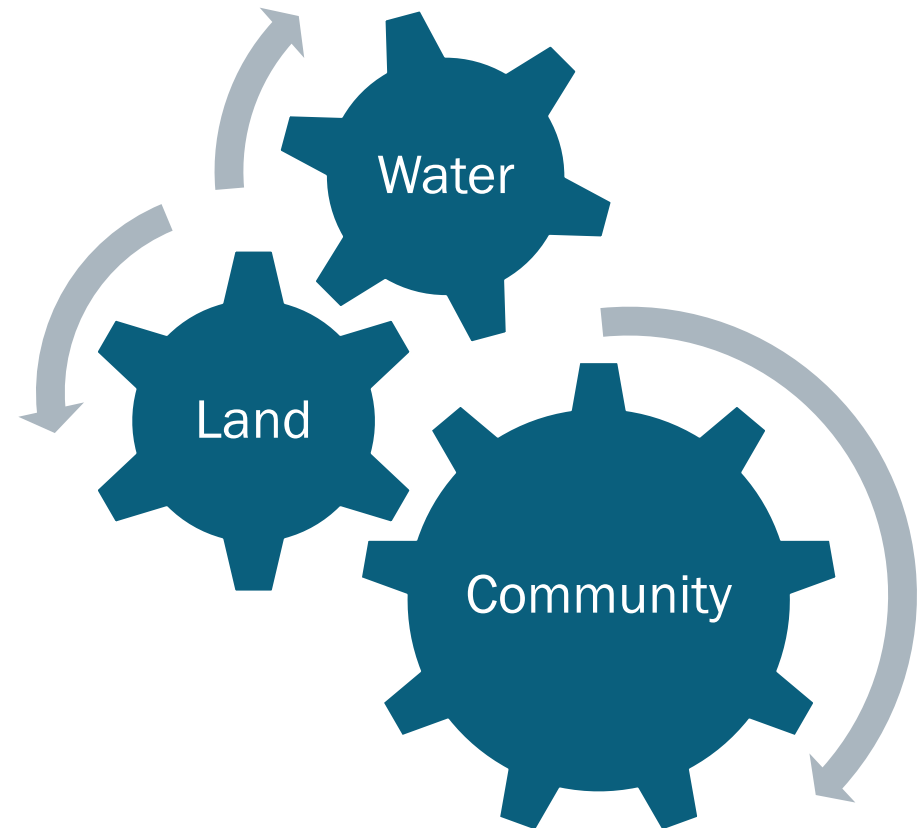
*Blue shading represents
participant service areas; does
not account for State and
Federal participation.*

Sites is a local led project

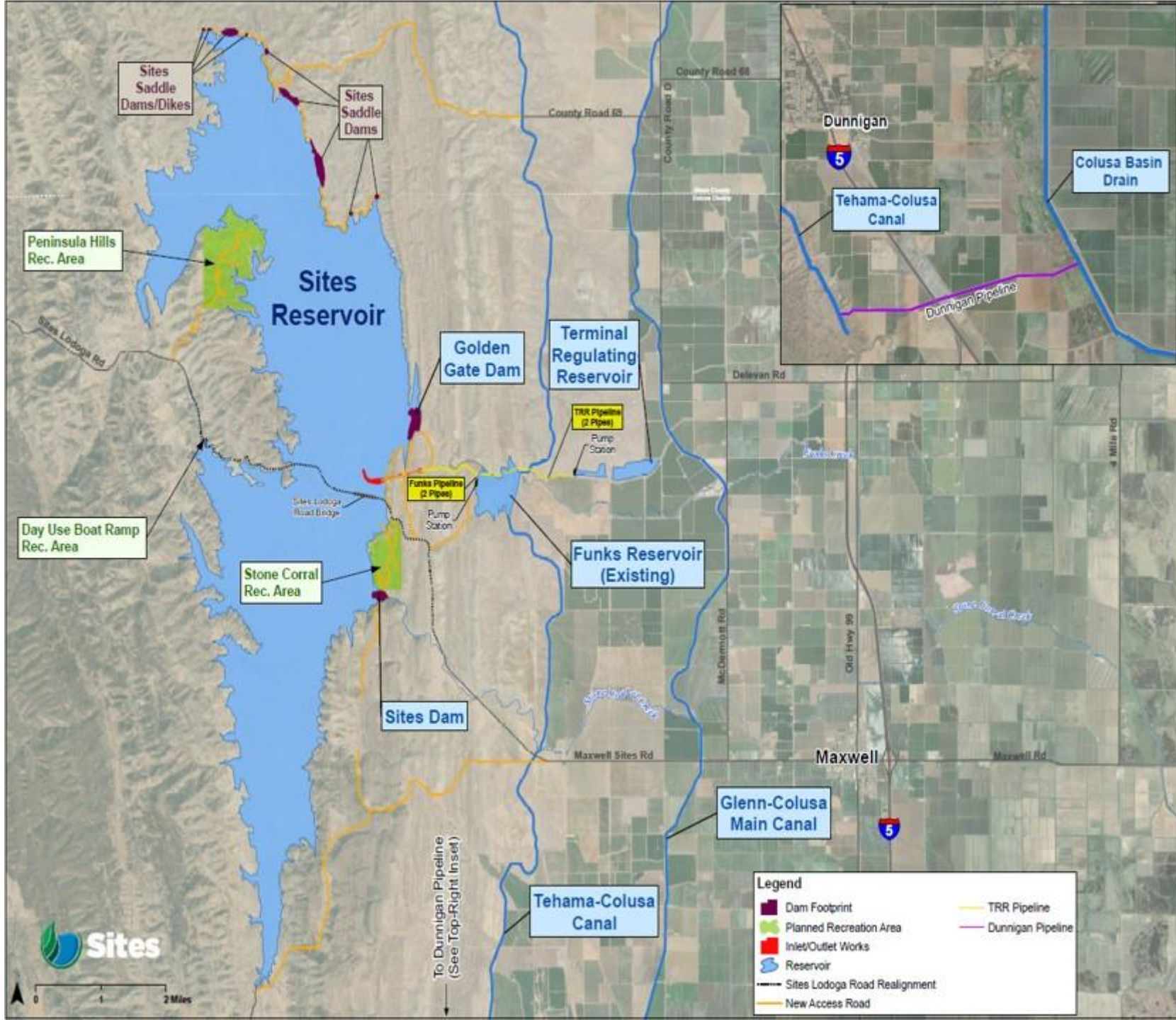
Respect for local communities...

It's how we work.

*"The Authority recognizes the **significant contributions of local Sacramento Valley** landowners and communities and will be a respectful, supportive partner and be a **good neighbor** throughout the project."*



Project Map



Project funding portfolio largely established

Financing before Project Construction

- Cash Calls from Participants
- Short Term Bank Line of Credit
- WIFIA Loan

Construction Financing

- WIFIA loan(s): fund up to 49% of eligible project costs, estimated to be \$2.2B
- State of California Proposition 1 Funding: \$875M
- Federal WIIN Act funds
- Long-term bonds

Timing

- Funding is limited until mid to late 2025

Permitting Underway



CEQA/NEPA

- Revised Draft EIR/Supplemental Draft EIS (November 2021)
- Final EIR/EIS (November 2023)



Water Right Application

- Application submitted (May 2022 and supplemented in Jan 2023)
- Protest period completed (August 2023)
- Hearing expected in spring/summer 2024



Federal and State Endangered Species Act

- State and federal permits expected summer 2024



Clean Water Act

- Submitted applications in January 2024
- Expect permits in early 2025

Design efforts in progress

- Completed feasibility-level design and associated cost estimate
- Anticipate completing 30% design in mid 2024
- Extensive geotechnical effort underway
- Board approval to negotiate purchase of critical feature lands



Feasibility Project Cost Estimate

approved June 2021

Serving California's **environment, families,** and **farms** takes:

1.5 million acre-ft of storage

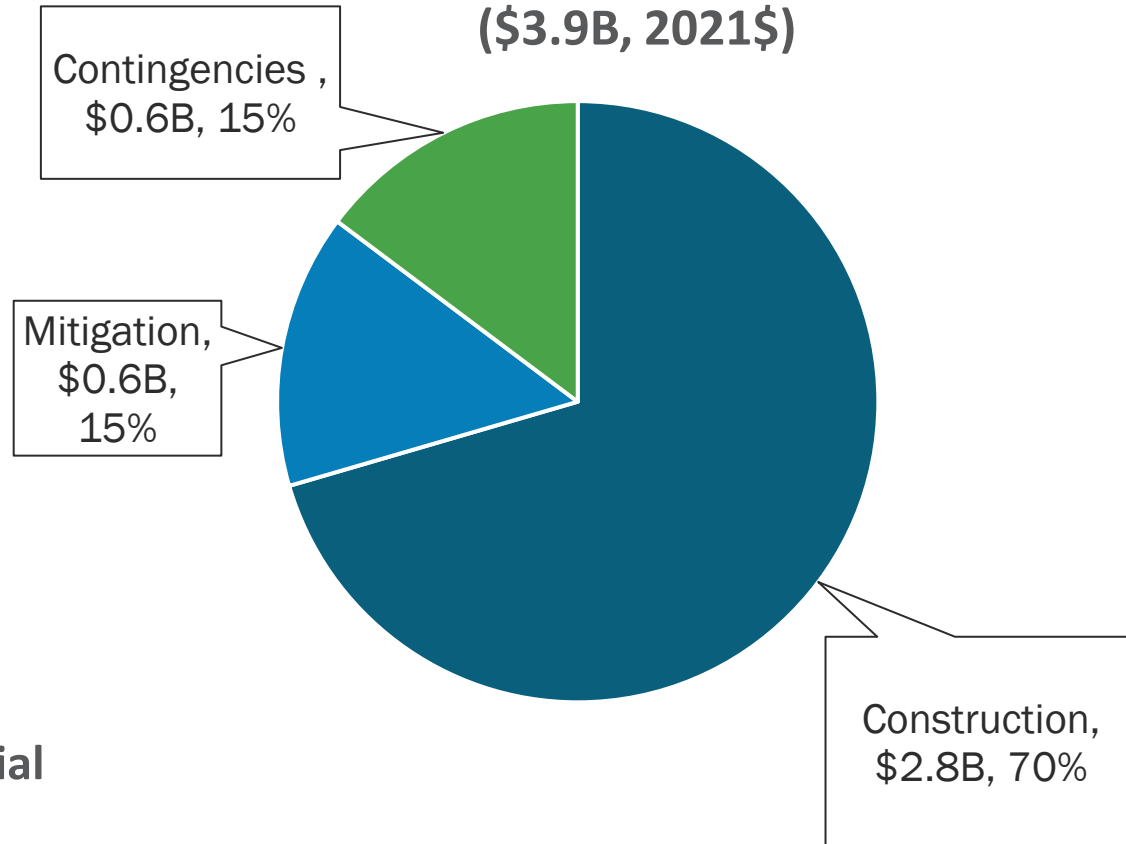
9 new dams

12 miles of big pipes (9-32ft)

20 million cubic yards of material

ESTIMATED PROJECT COSTS

(\$3.9B, 2021\$)

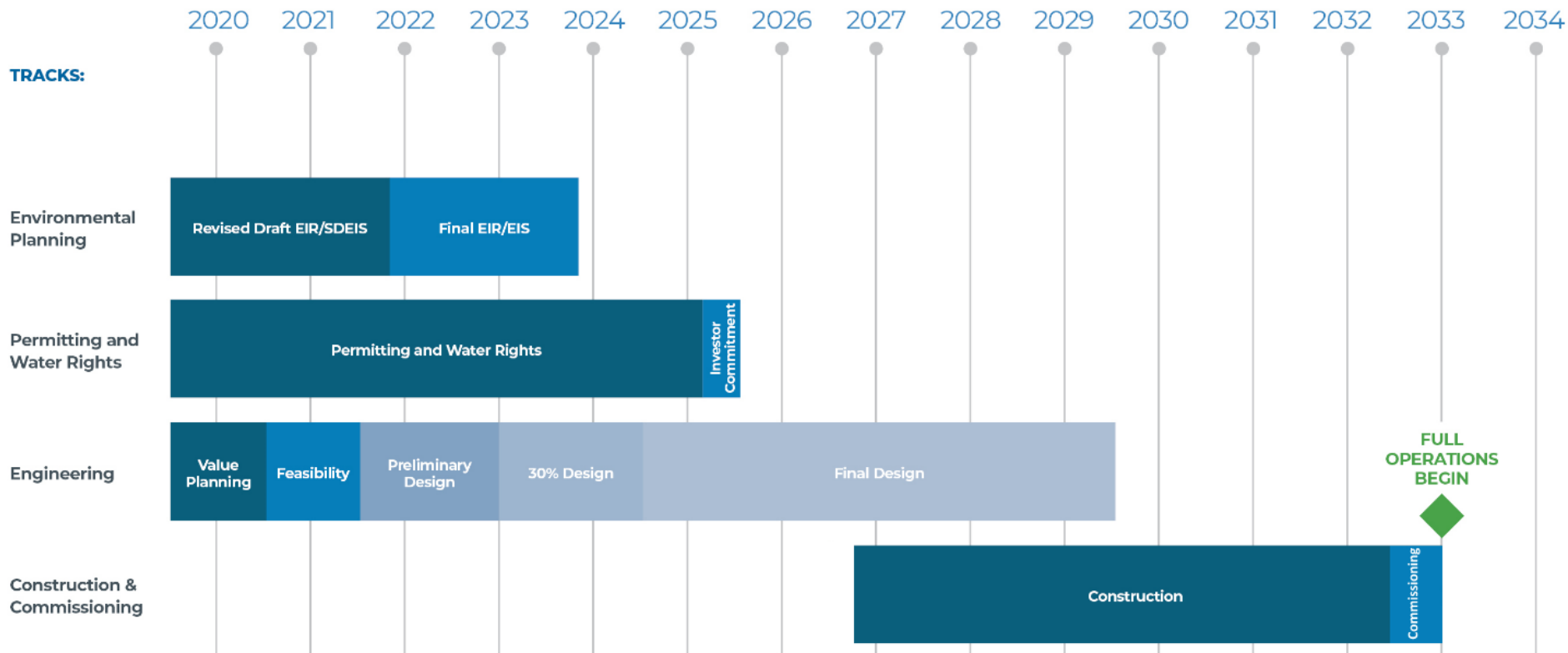


Estimated construction costs are based on the class 4 cost estimate approved by the Reservoir Committee and Authority Board in June 2021

Project Schedule

dam construction anticipated late 2026 through mid-2032

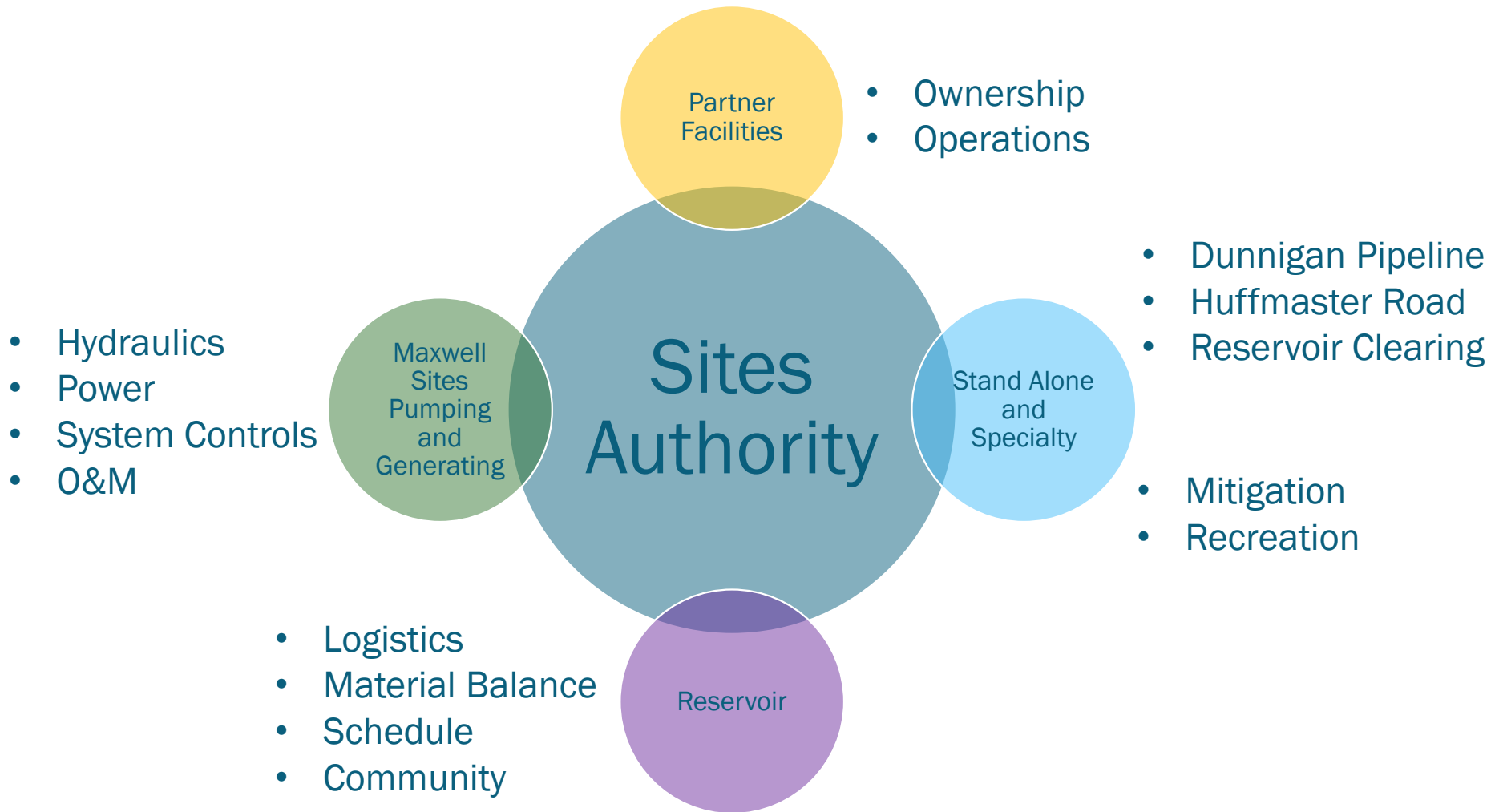
Sites Reservoir Project Schedule



Delivering the Sites Project

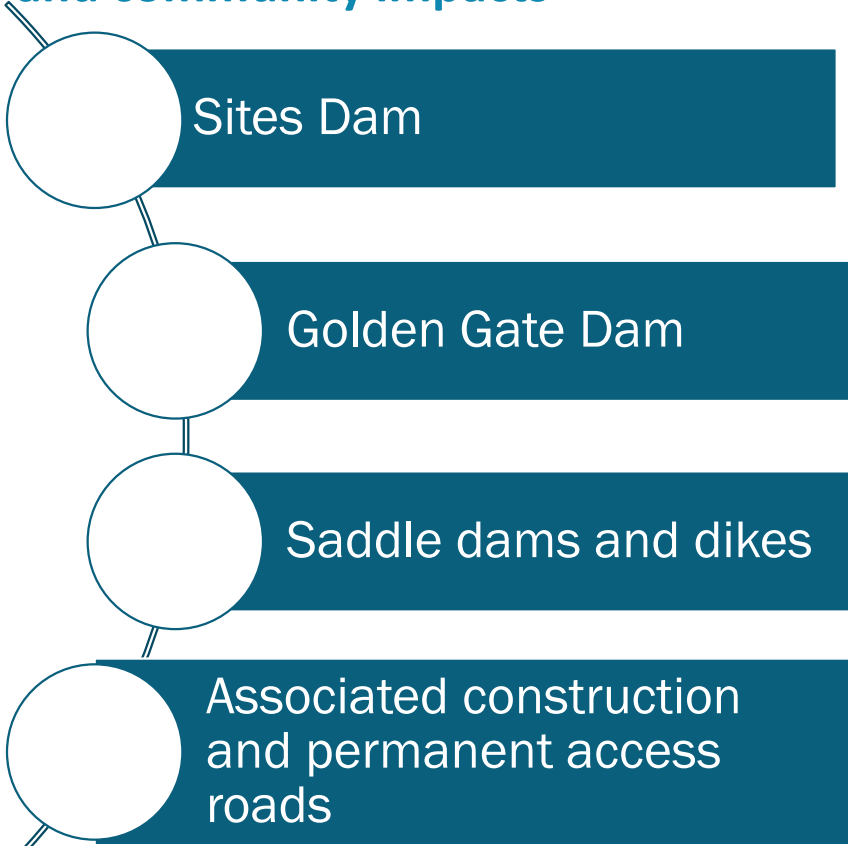
Project Packages and Risk Summary

Contracting Strategy adopted in July 2022

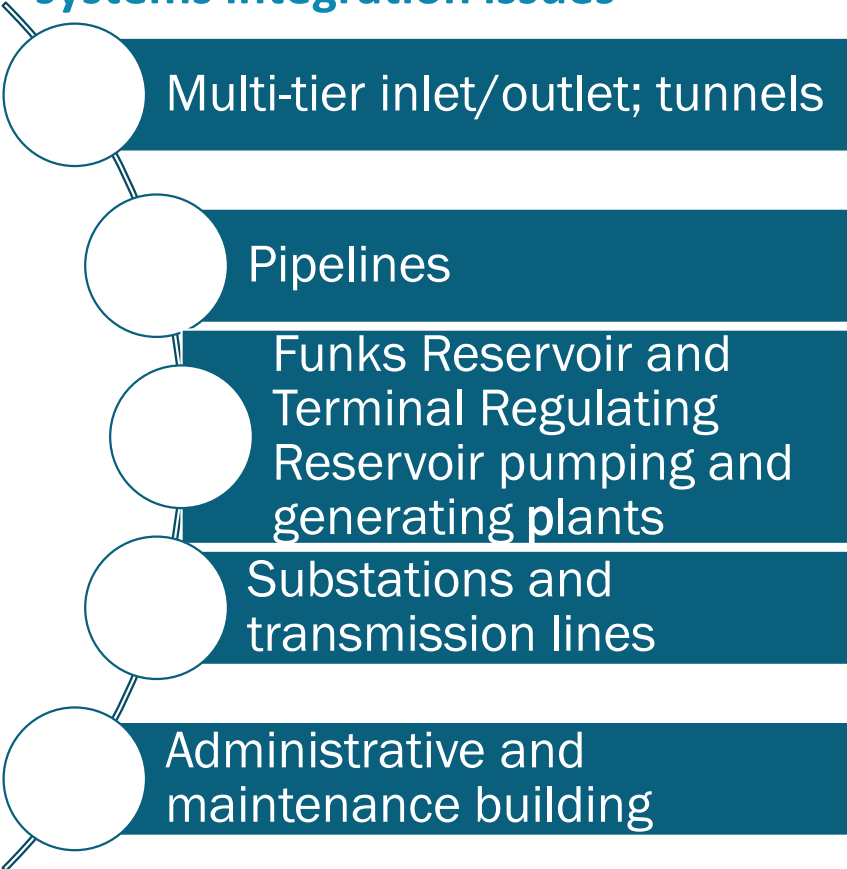


Adopted Contract Strategy identified two significant CMAR packages

Reservoir Package \$2B (\$2021)
CMAR recommended to provide early input on logistical challenges, schedule and community impacts

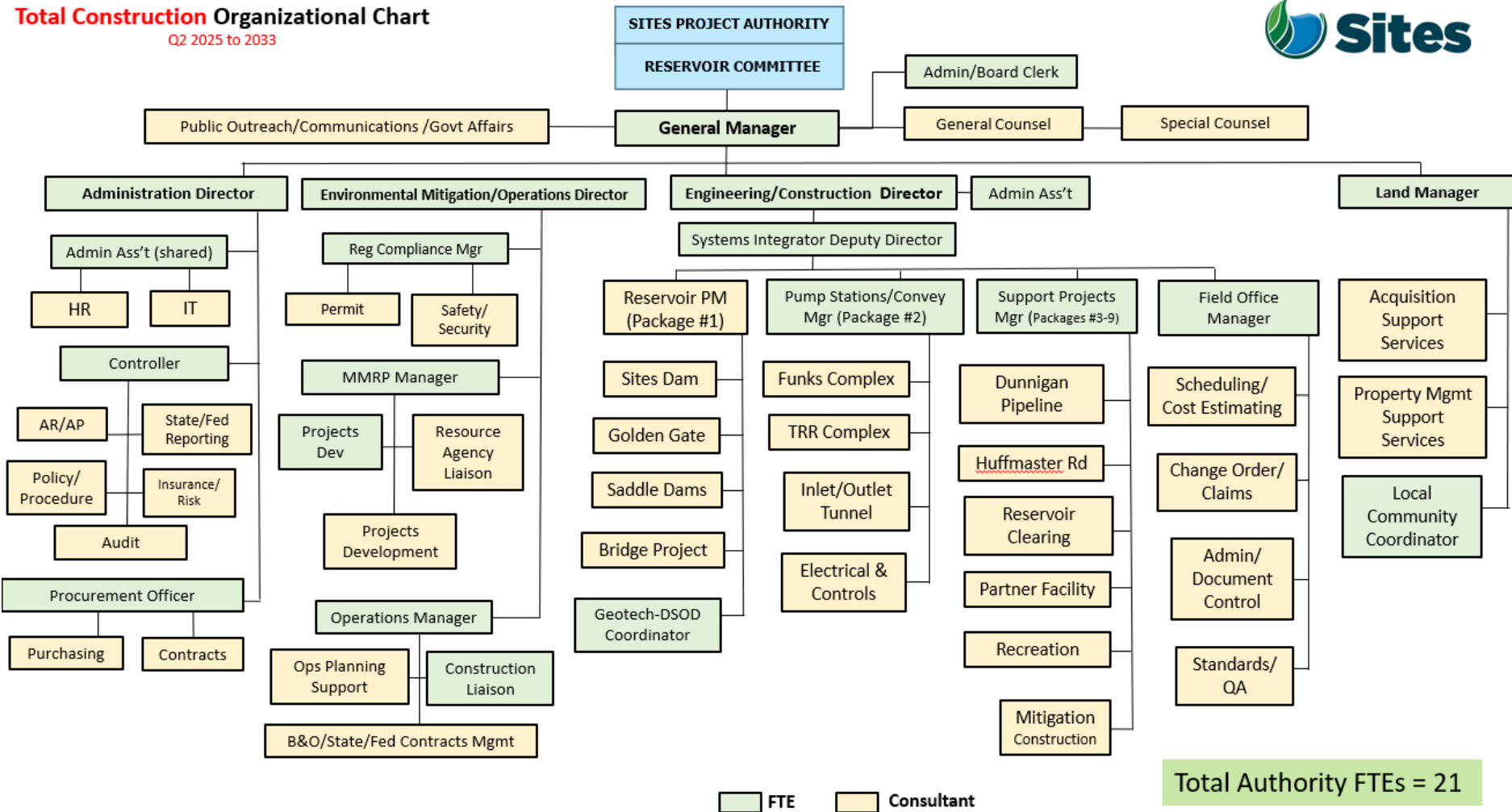


Maxwell-Sites Pumping and Generating Package \$1.2B (\$2021)
CMAR recommended due to complex systems integration issues



Conceptional Construction Organization Chart

Total Construction Organizational Chart
Q2 2025 to 2033



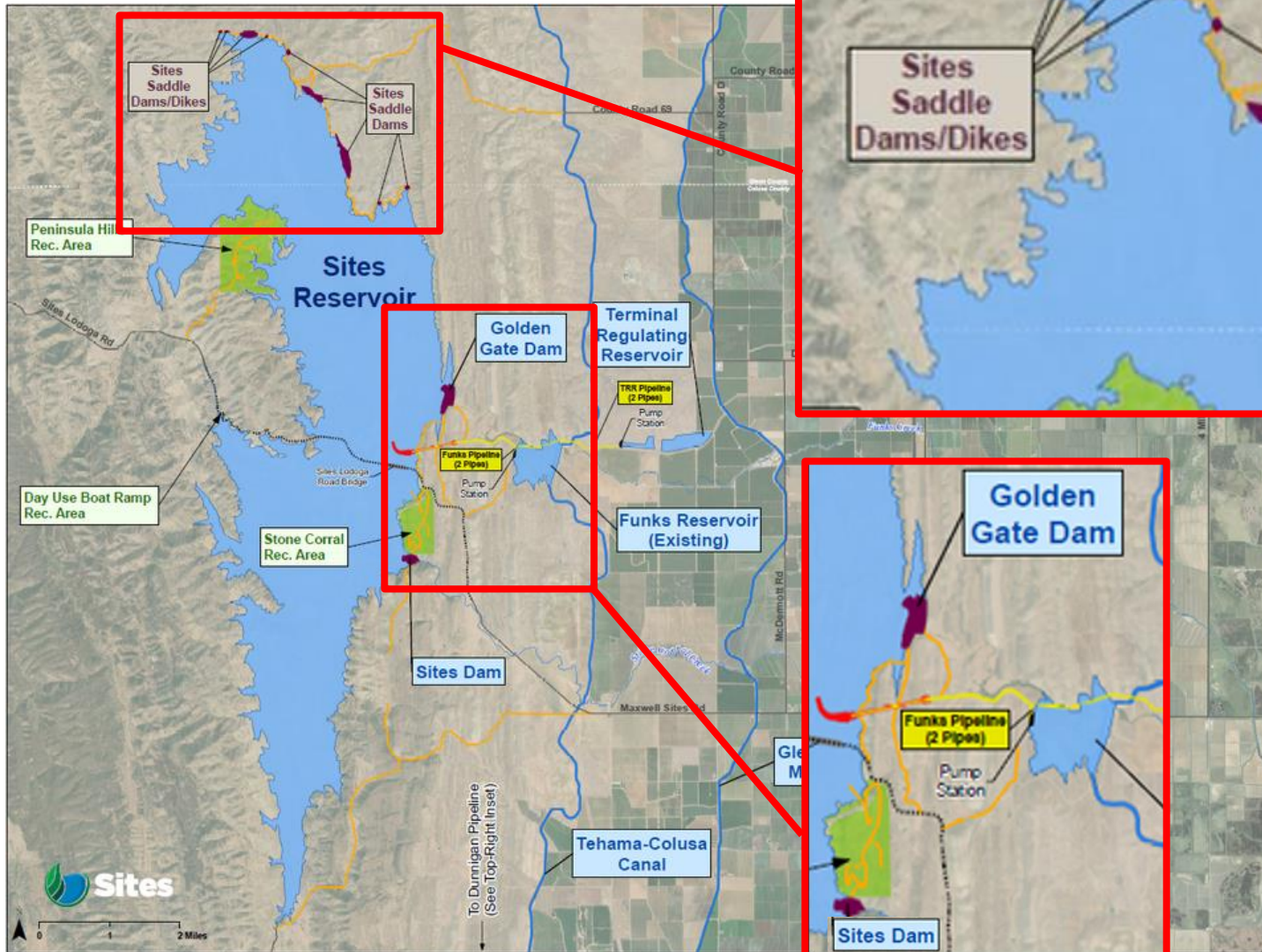
Total Authority FTEs = 21

Legend: FTE Consultant

Reservoir Package Overview

Reservoir Package

Main Dams, Saddle Dams and Dikes, roads and bridge



Sites Dam



Golden Gate Dam



Saddle Dam



Sites Lodoga Road Realignment



Reservoir Package Spotlight (\$2B)

Dam/Dike Heights

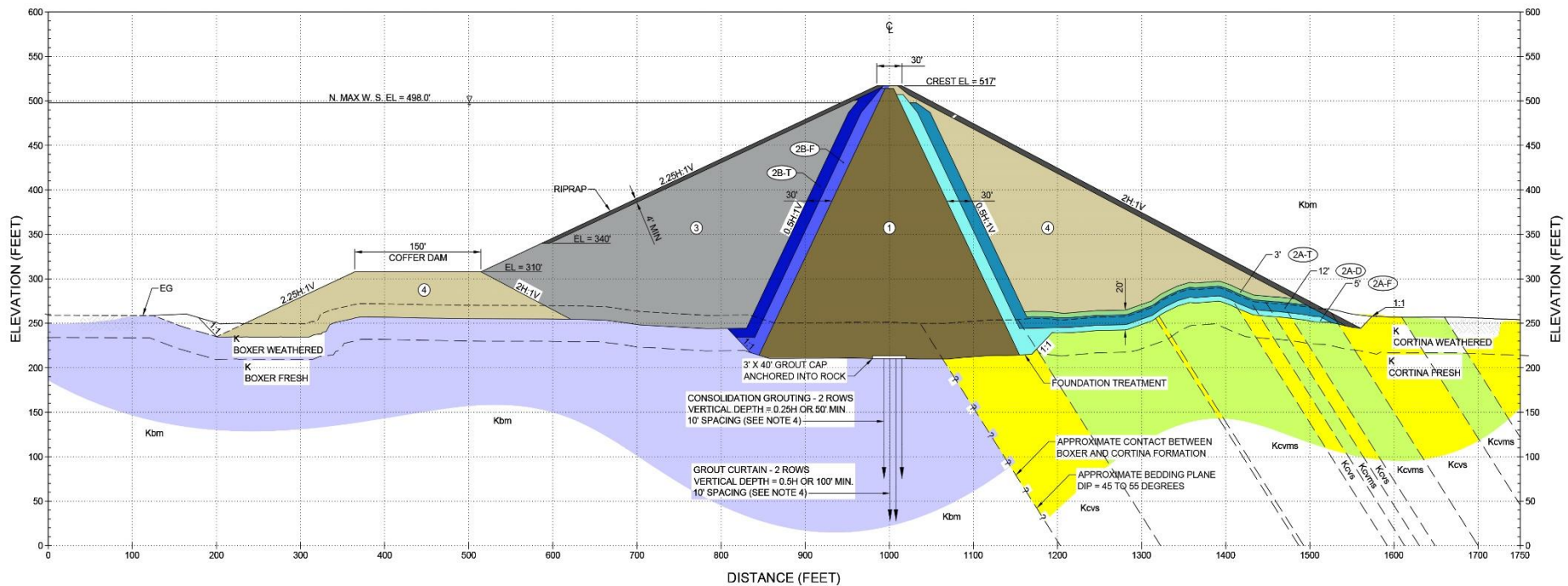
- ❑ 2 Main: 287 ft
- ❑ 7 Saddle: up to 120 ft
- ❑ 2 Saddle Dikes: 10 - 15 ft

Roads

- ❑ 22 miles (12 paved; 10 gravel)

New Sites Lodoga Bridge:

- ❑ 4,050 ft long, 150 feet tall



C1 SECTION (STA 14+32)

SCALE: 1" = 60'

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Preliminary Schedule for Upcoming Procurements

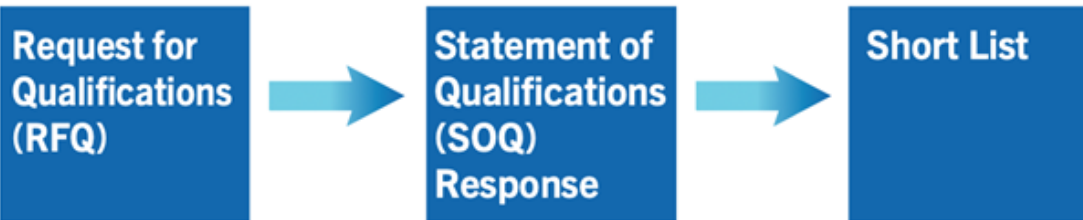
Construction Legal Services

- Currently in Procurement of legal firm(s) to support the Sites Authority during Construction
- Selection and award expected March 2024 Joint Board Meeting
- Scope
 - Construction Contractor Procurement support, and development of standardized construction contract documents
 - Construction Contract Implementation Support
 - Claims Support, as needed
 - Environmental Mitigation Legal Services
 - Project Labor Agreement Development

Reservoir Package - 2 Step Procurement Process

RFQ + Request for Proposals (RFP)

STEP ONE



- Typical Information Requested
- Qualifications and experience
 - Capability and capacity
 - Past performance

STEP TWO



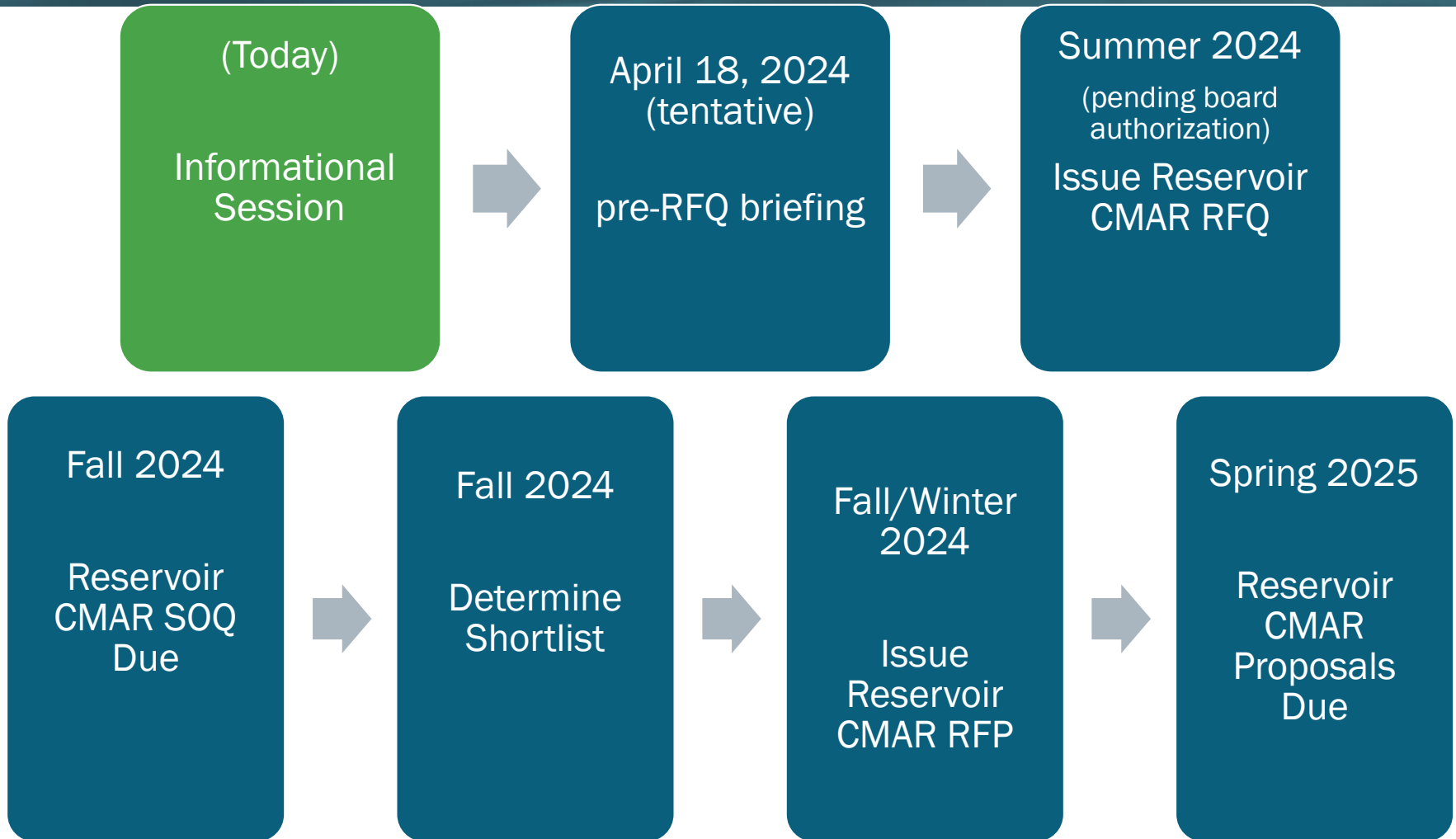
- Typical Information Requested
- Qualifications and experience (carry over)
 - Project approach and technical solutions
 - Pricing information (optional)
 - Best value

Initial planning award for first year <\$250k

Anticipating similar process for Conveyance (Maxwell – Sites Pumping Generating) Package.

Process for Mitigation package procurement is to be determined.

Preliminary Procurement Timeline



Procurements for Conveyance (Maxwell – Sites Pumping Generating) & Mitigation Packages will lag.

Our values will inform who we select to help build our delivery team

- **“Fitting in”** with the Sites Authority values is critical
- **Cost management** will keep the project affordable for our Participants,
- **Schedule adherence** – this project has a sense of urgency
- **Quality workmanship** matters for longevity
- We’ll be looking for a **CMAR partner** and community/team member, not just an implementation firm.



Next Steps



Next Steps

These slides and a recording of this meeting will be posted to the Sites Project website

- A follow-up survey will be sent in the coming weeks, allowing you to add yourself to the Sites Authority's distribution list.
 - Will be emailed to all attendees and a QR code will be posted on the Sites Project website. [Sites Reservoir \(sitesproject.org\)](https://sitesproject.org)
- Contractor outreach will be conducted in the coming months. The first event will focus on the upcoming Reservoir CMAR procurement.
- Additional questions can be sent via email to Terri Boland tboland@sitesproject.org

