Sites Reservoir

Key Presentation Take-Aways

Broad Statewide & Bipartisan Support

Key Environmental Benefits & Use of Excess Flows

Improves Reliability and Assists in Meeting Climate & Regulatory Challenges

Sites

Sites Strength is in its Broad Statewide Participation

Sacramento Valley

Carter Mutual Water Company
City of American Canyon
Colusa County
Colusa County Water Agency
Cortina Water District
Davis Water District
Dunnigan Water District
Glenn County
Glenn-Colusa Irrigation District
LaGrande Water District
Placer County Water Agency
Reclamation District 108
City of Roseville
Sacramento County Water Agency
City of Sacramento
Tehama-Colusa Canal Authority
Westside Water District
Western Canal Water District

Bay Area

Santa Clara Valley Water District
Zone 7 Water Agency

San Joaquin Valley

Wheeler Ridge-Maricopa Water Storage District
Rosedale-Rio Bravo Water Storage District

Southern California

Antelope Valley – East Kern Water Agency
Coachella Valley Water District
Desert Water Agency
Irvine Ranch Water District
Metropolitan Water District
San Bernardino Valley Municipal Water District
San Gorgonio Pass Water Agency
Santa Clarita Valley Water Agency

Sites

Sites has Bipartisan Support at the State and Federal Levels

Sites has garnered support endorsements from numerous elected officials statewide over the years, including:

- Strong support and leadership from Sen. Dianne Feinstein (D), Rep. John Garamendi (D), and Rep. Doug LaMalfa (R)
- Strong support and leadership from State Senator Jim Nielsen (R), Assemblymember James Gallagher (R), and Assemblymember Cecilia Aguiar-Curry (D)
- 23 members of the California Congressional Delegation signed a letter of support for the Authority's WIFA loan application in July 2021
- A support letter from the State Legislative Delegation is currently being circulated in support of the Sites Project's California Water Commission Feasibility hearing on December 15th

Sites Authority Listened to Feedback on the 2017 Draft EIR/EIS & has made Significant Project Adjustments

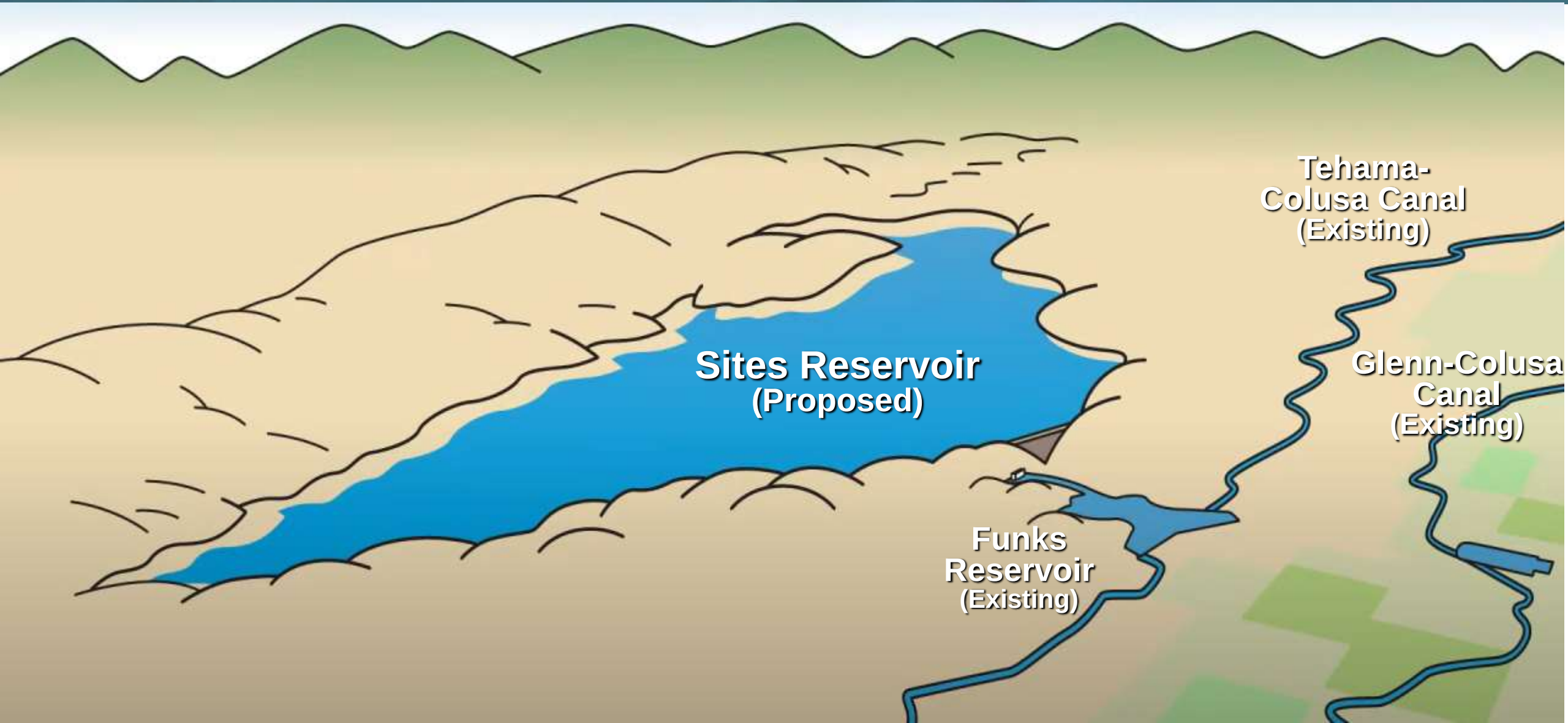
Sites underwent a rigorous value planning effort that resulted in a "right-sized" project. Sites Reservoir of today:

- Has a smaller footprint than the previous iteration
- Meets the water supply needs of current participants
- Comes at a lower cost
- Supports State's environmental goals
- Creates flexibility for participants
- Project performance improves under climate change scenarios

Sites

Sites Reservoir would be Off-Stream
Currently, the Valley is mostly used for Cattle Grazing

The “Rightsized” Project Optimizes Use Of Existing Conveyance Infrastructure



Sites Reservoir Provides Climate Change Resiliency

How does Sites Reservoir address these challenges?

- Captures excess flows in the Sacramento River – rain instead of snowmelt
- Off-stream storage and state of the art fish screens protect the river system environment
- Adds 1.5 million acre-feet of storage space providing water management flexibility
- Provides new, affordable water for people, farms and environment during the more frequent dry spells California will experience
- Allows other reservoirs, like Shasta, Oroville, and Folsom, to optimize cold water during dry periods for environmental purposes

Long-term average Sites deliveries increase by 8%-15% under 2030 & 2070 climate conditions

Sites

Dry-Year Water Supply for all of California

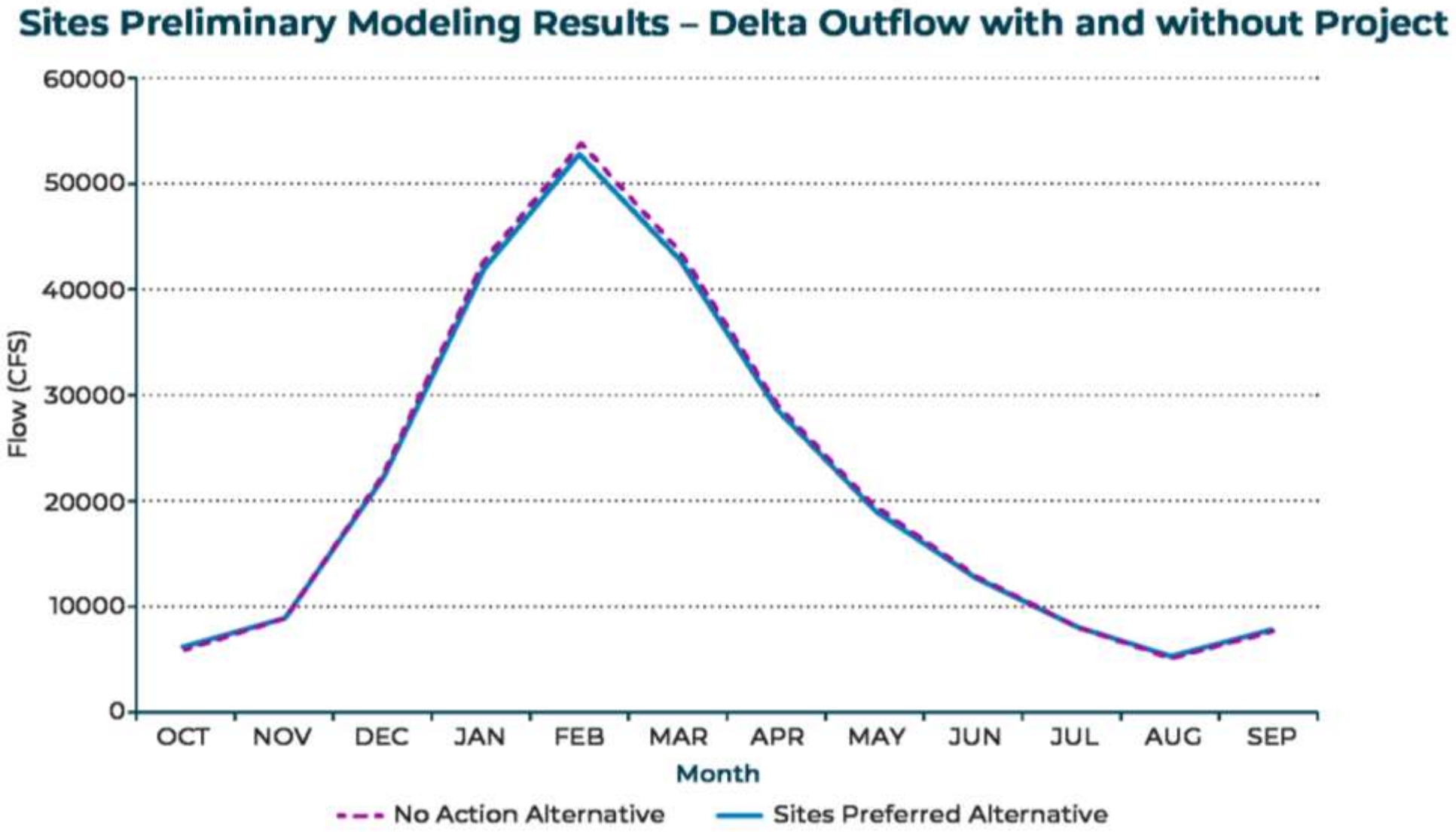
Sites Reservoir	
Year Type	**Water Supply** (thousand acre-feet)
Wet	80-90
Above Normal	92-292
Below Normal	190-296
Dry	398-429
Critically Dry	308-348
Long-Term Average	**207-260**

If we had Sites Reservoir in this 2021 drought year, we estimate nearly 1 million AF of additional water for farms, cities & environment

* Range of values reflects operations assumptions of project alternatives analyzed.

Sites

Sites Converts Excess Flow Into Dry-Year Supplies



Sites

State Public Benefits in Sites Funded by Prop 1

$836 million Prop 1 Investment

- **Water for the Environment (~67%)**

  State receives ~20% of water diversions and has ~240TAF of storage space in the reservoir to flexibly meet environmental needs. Prop 1 funding based on:

  - **Refuge Supplies** - improves Pacific Flyway habitat for migratory birds and other native species
  - **Yolo Bypass** - provides water to improve conditions for the Delta Smelt
  - **Other Possibilities**
    - **Preserve cold-water** for use later in the summer months to support salmon development, spawning and rearing
- **Recreation (~23%)**
- **Flood Control (~ 5%)**

Sites

Sites RDEIR/SDEIS was released for Public Review/Comment on November 12, 2021

Facilities / Ops	Alternative 1	Alternative 2	Alternative 3
Reservoir Size	1.5 million acre-ft.	1.3 million acre-ft.	1.5 million acre-ft.
Hydropower	Incidental upon release	Same as Alt 1	Same as Alt 1
Diversion Locations	Red Bluff Pumping Plant and Hamilton City	Same as Alt 1	Same as Alt 1
Conveyance Release / Dunnigan Release	1,000 cubic feet per second into new Dunnigan Pipeline to Colusa Basin Drain	1,000 cfs into new Dunnigan Pipeline to Sacramento River. Partial release into the Colusa Basin Drain	Same as Alt 1
Reclamation Involvement	1. Funding Partner 2. Operational exchanges a. Within year exchanges b. Real-time exchanges	1. Operational exchanges a. Within year exchanges b. Real-time exchanges	Same as Alt 1, but up to 25% investment
DWR Involvement	Operational exchanges with Oroville and use of SWP facilities South-of-Delta	Same as Alt 1	Same as Alt 1
Route to West Side of Reservoir	Bridge across reservoir	Paved road around southern end of reservoir	Same as Alt 1

Sites is Affordable, Permittable and Buildable

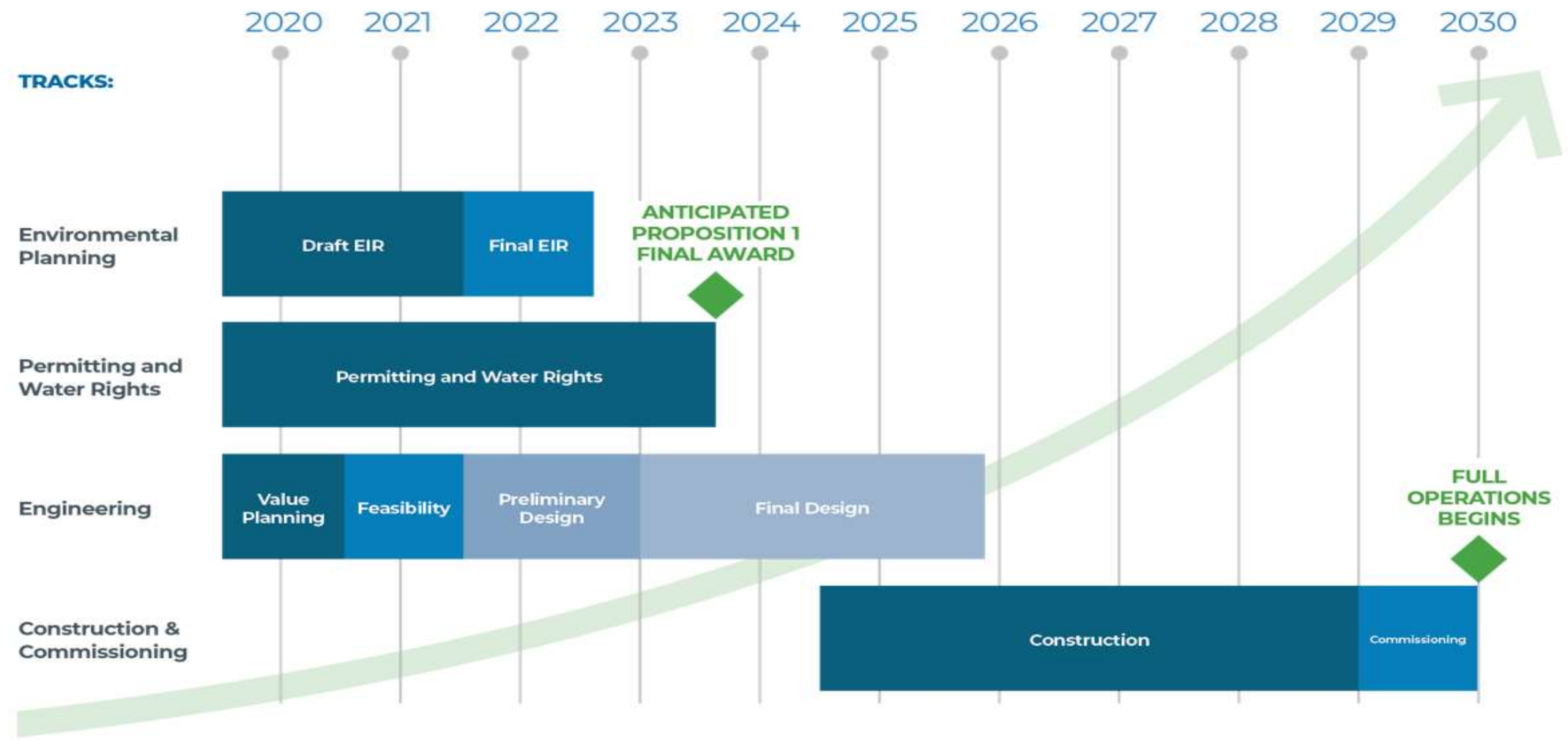
Reservoir Size (MAF)	Alternative 1 (1.5MAF)
Total Project Cost (2021$)	~$3.9 B
Annual Reservoir Release	~230,000 AF/yr.
Unit Costs During Repayment without WIFIA Loans (2021$)	~$800/AF
Unit Costs During Repayment with WIFIA Loans (2021$)	~$700/AF

*unit cost estimates based on reservoir losses and evaporation only. Does not include conveyance losses downstream of the Project.

Sites

Looking Ahead

Sites Reservoir Project Schedule



Questions