

# Operations & Engineering Workgroup

January 14, 2026



# Agenda

1.1 Program Schedule Update

1.2 Review and comment on the Operations & Engineering Charter document and Primary Roster

Engineering and Construction Manager's Report

# Agenda Item 1.1

## Program Schedule Update

JP Robinette and Kyle Hughes



# Objectives

- Review construction schedule update
- Understand schedule drivers
- Seek input on identified risks & opportunities to improve schedule performance

# Background

- Last Board approved construction schedule – adopted October 2023
  - Conceptual in nature, missing a level of detail obtained through:
    - 30% design & cost update
    - Ongoing coordination with regulatory and permitting agencies
    - Multiple years of advancement in property acquisition
    - Advancements in key agreements
    - Growth of a “delivery” organization including onboarding key staff
  - Reflected substantial completion occurring in 2032.
- Since 2023 adoption, staff has been updating and maintaining a comprehensive schedule and providing summary level updates to the Board quarterly.

# What Key Factors Influenced the Update Schedule?

- Developed a “bottoms up” schedule that reflects our improved understanding of:
  - Water right timing
    - Completion of the hearing
    - Ongoing coordination with SWRCB
  - Land acquisition timeframes
    - Completion of past acquisitions
    - Analysis and understanding of legal timeframes
  - Timeframes associated with our construction permits – particularly with biological and cultural surveys
    - Issuances of permits and understanding of their specific requirements
  - Construction durations and sequencing
    - Completion of the 30% design

# What Changed?

- Since the last version formally adopted by the Board in 2023:
  - Schedule has evolved from a high-level concept to a comprehensive critical path method, logic-based schedule.
  - One year shift in substantial completion from 2032 to 2033.
  - Operations are shown to begin in the 2033/2034 water year.

# How to Think About the Critical Path?

- Not one critical path – many near-critical paths MM1
- Practically, the Project consists of ~20 large independent subprojects, all must be delivered within the same 7-year construction window
- All subprojects require the same enabling activities

**Slide 8**

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**MM1**


This concept was shared with them last time we shared the construction schedule as well. Just fyi

Marcus Maltby, 2026-01-14T18:45:43.685

# What Really Drives the Schedule?

All subprojects depend on common predecessors:

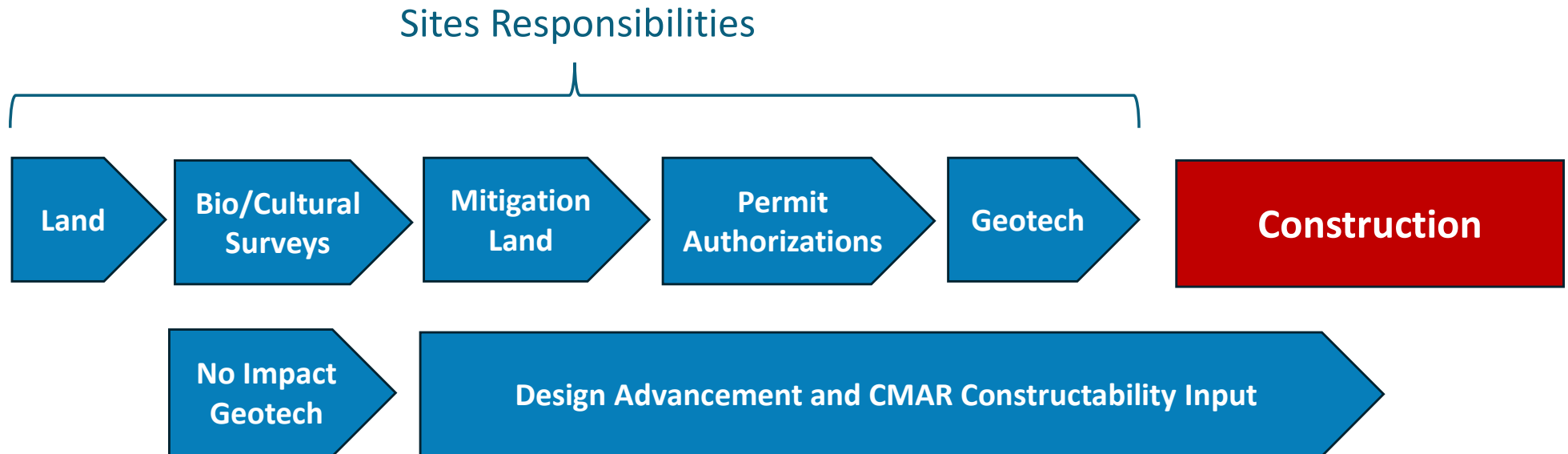
- Land acquisition and access
- Biological & cultural resource surveys
- Permit authorizations and consultations
- Geotechnical investigations
- Design advancement



Functional  
Critical  
Path

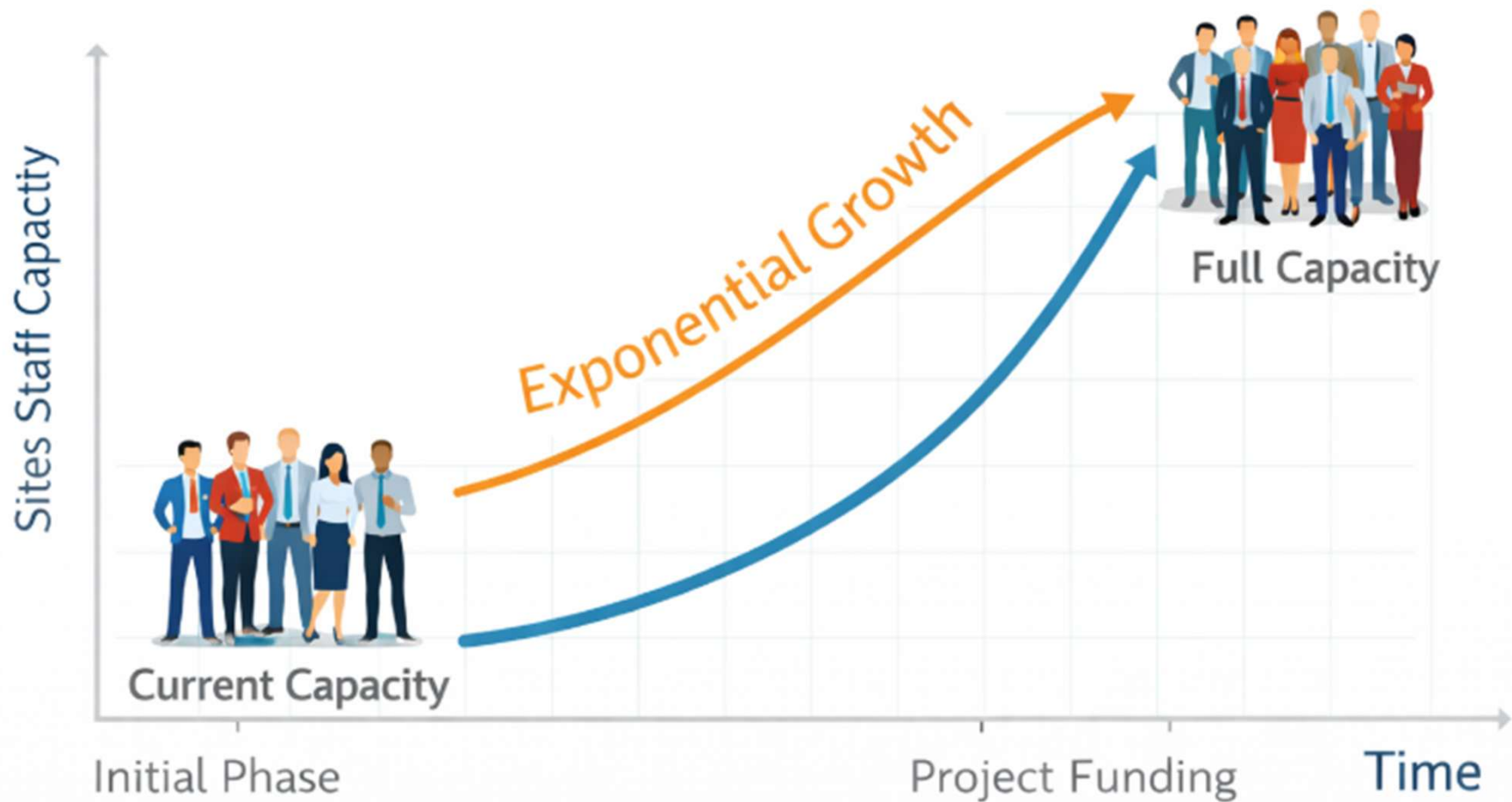
# Key Risks – Enabling Activities

## General Process for Enabling Activities



# Key Risks – Organization Growth

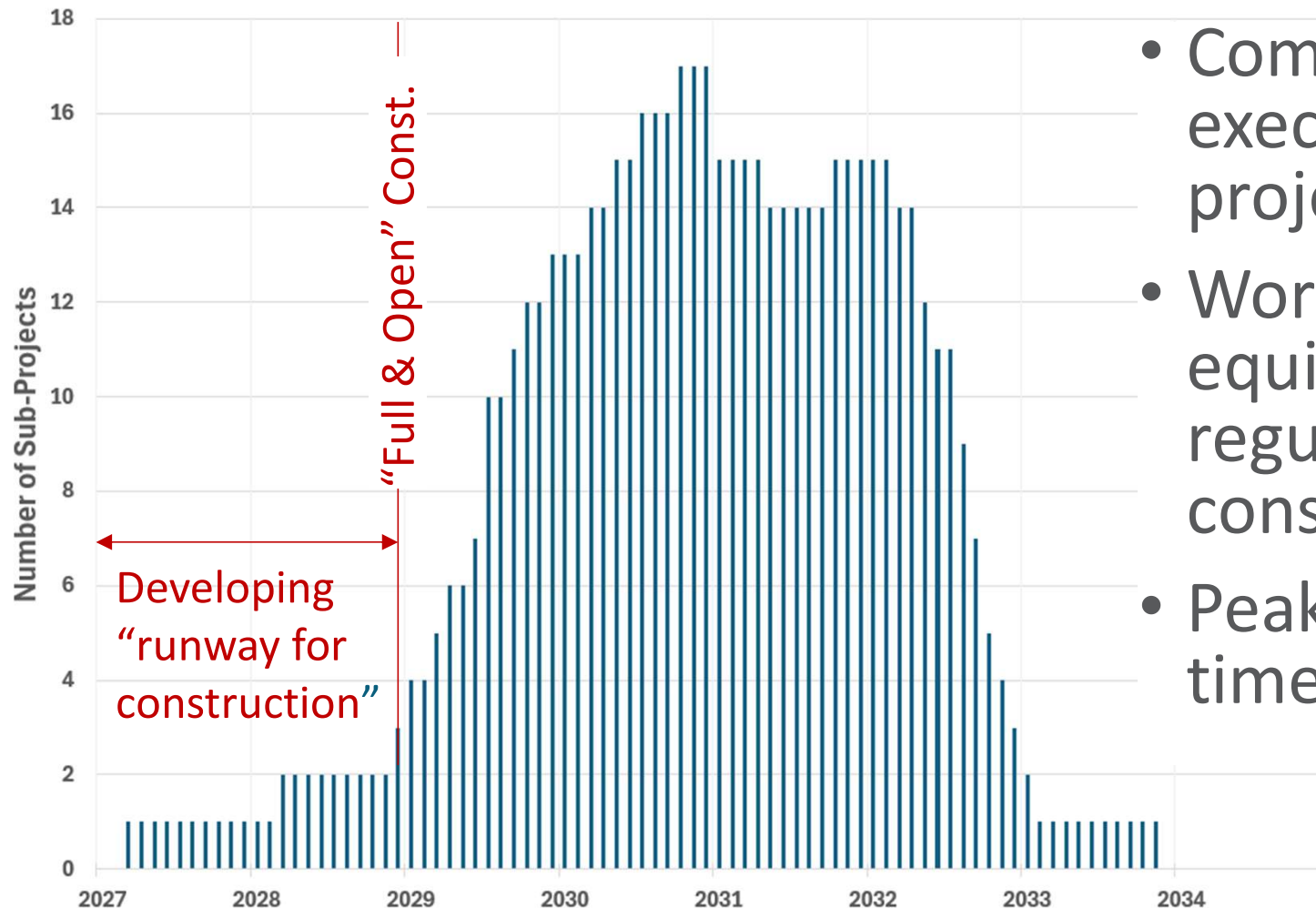
## Organizational Growth



# Key Risks - Concurrency

## High Level of Concurrency

Number of Sub-Projects in Construction



- Complexity of executing many projects in parallel
- Workforce, equipment, and regulatory capacity constraints
- Peak in 2030 – 2031 timeframe

# Key Opportunities

## What Can Improve Schedule Performance

- Continued early (pre-investor commitment) land acquisition and access
- CMAR onboarding and early contractor involvement
- Accelerated design once funding is available
- Risk allocation and constructability input before construction

# Schedule Realism

Is the Schedule Achievable?

- Reflects realistic sequencing and durations
- Based on current regulatory and execution understanding
- Does not assume material delays
- Early design and constructability stage → potential for scope refinement

# Discussion

- Are the schedule drivers understood?
- Are there other opportunities to improve schedule performance?
- Discussion of schedule realism.

# Agenda Item 1.2

## Roster and Charter Update

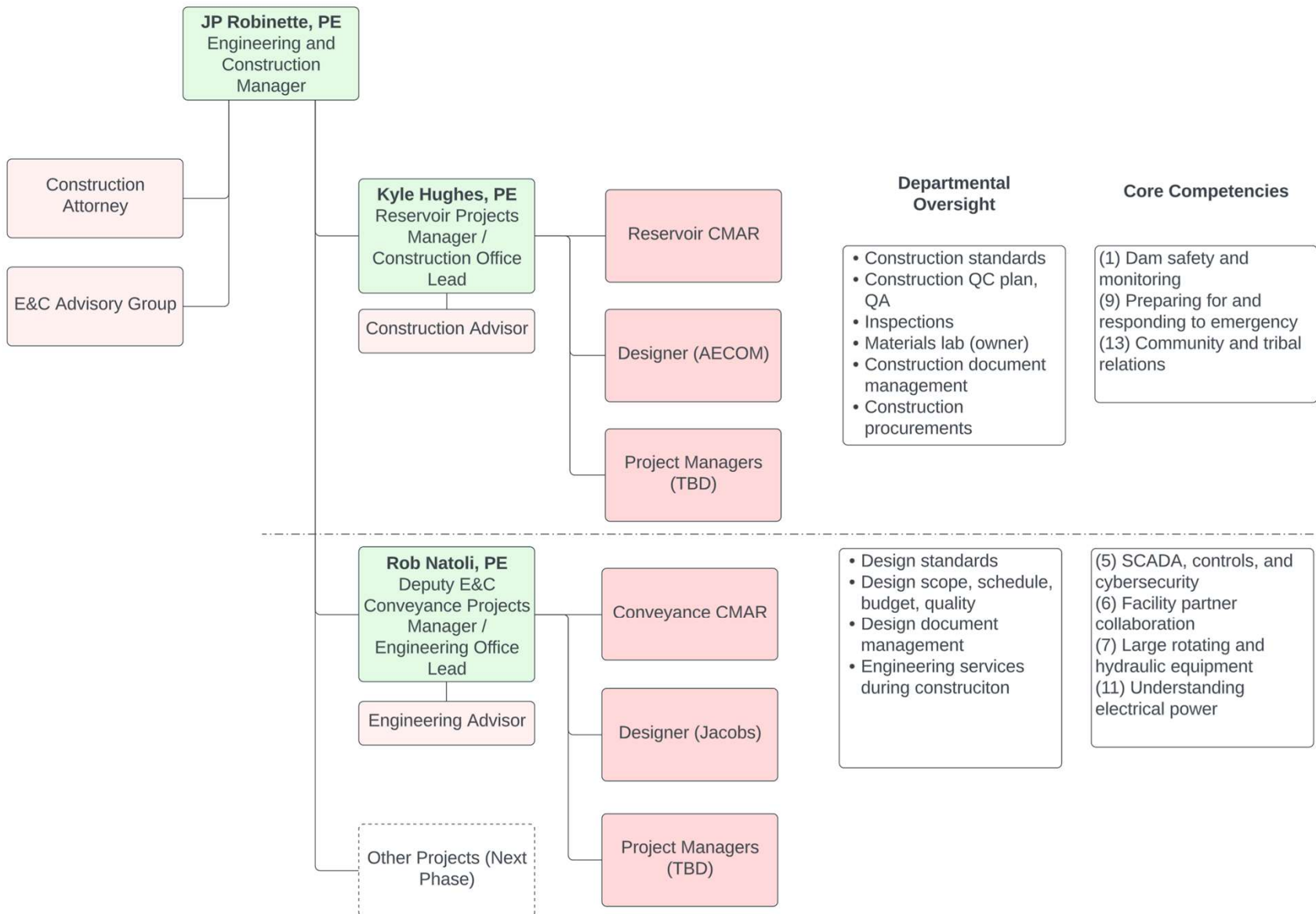
JP Robinette



# Engineering and Construction Manager's Report

JP Robinette

# Welcome new team members



# Engineering and Construction Manager's Report

- Future Agenda Items
  - February Special O&E Meeting
    - Review Letter of Mutual Understanding with Lower Colusa Basin Drain System Partners and Lower Colusa Basin Drain components for Program Baseline Report
    - Downstream Ad Hoc Capacity agreed upon language of unused capacity
    - Results of North of Delta and South of Delta modeling transfers
    - DWR/Reclamation Operations Agreement
  - March Meeting
    - Conveyance CMAR Procurement Update

# Questions?



# Thank you!

Upcoming Meetings:

Reservoir Committee and Authority Board:  
Friday January 16 – 9 am to 12 pm

Special O&E Workgroup  
TBD

O&E Workgroup:  
Wed March 11 – 1:30 to 3:30 pm

# Bullpen

