

# Operations & Engineering Workgroup

November 6, 2024



# Agenda

- 1.1 – Review Reservoir CMAR Procurement Policy Guidance document (Attachment A) related to near term actions.
- 1.2 – Receive an update on Golden Gate Dam Value Engineering Activities
- 1.3 – 2025 O&E Meeting Continuation

# Agenda Item 1.1

Review Reservoir CMAR Procurement Policy Guidance document

Pat Tangora



# Preview of forthcoming requested board action

The Reservoir Committee and Board directs the Executive Director to proceed with completing and issuing the Reservoir Package RFQ and draft CMAR Contract consistent with the following guidance as described in Attachment A.

# Proposed Schedule: Reservoir CMAR Procurement

Activity	Anticipated Timing
Board authorization to Initiate Procurement	Q4 2024
Issue RFQ	Q4 2024
SOQs due	Q1 2025
Shortlist Recommendation and Board Approval	Q1 2025
Issue RFP to Shortlist	Q2 2025
Proposals due	Q2 2025
Proposal Review and Interviews	Q2 2025
Recommend for negotiation	Q3 2025
Negotiations	Q3 2025

# Agenda Item 1.2

**Golden Gate Dam Value Engineering Activity Update**

Ashley Stanley, Engineering & Construction

Project Manager

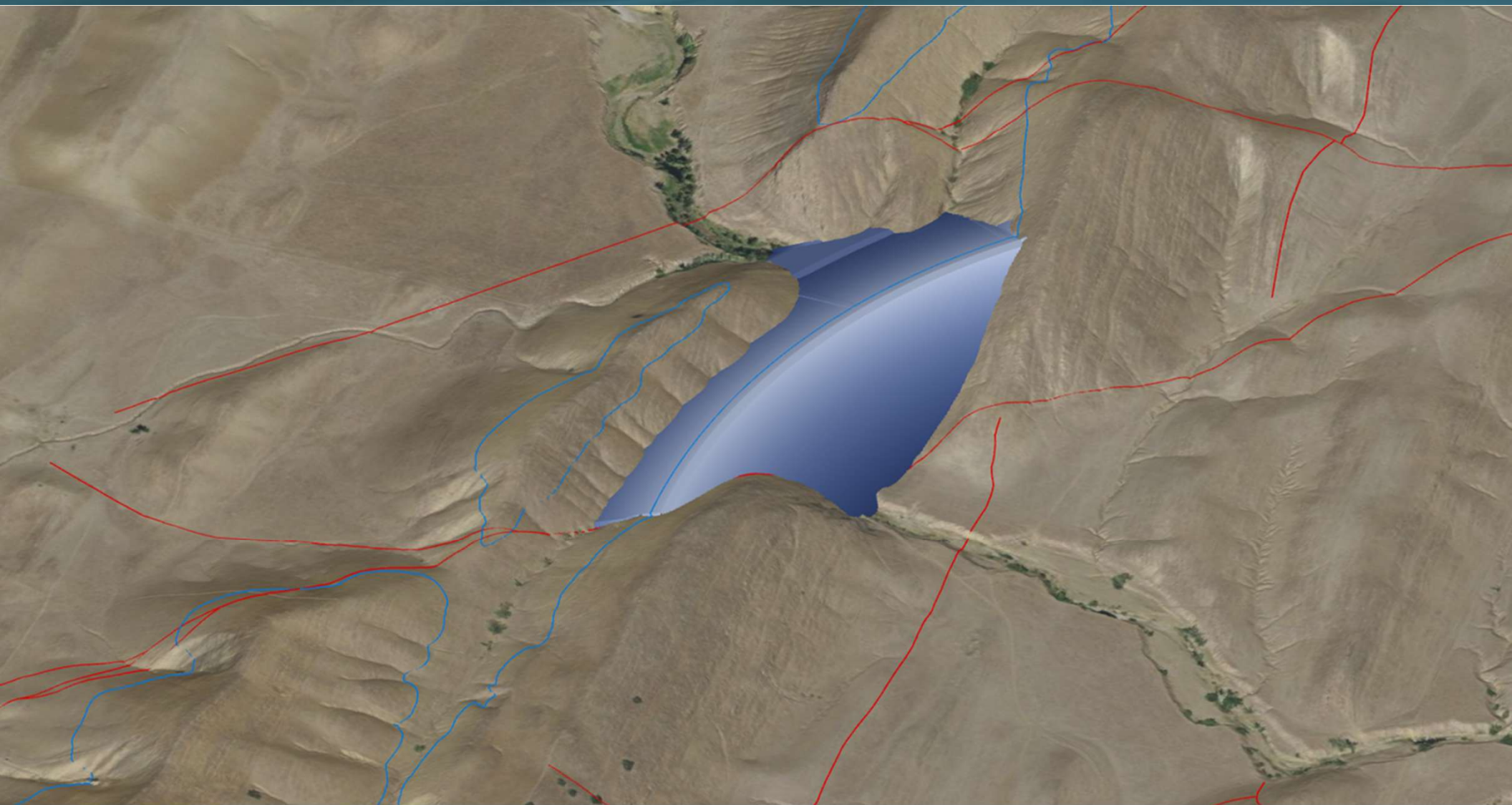


# Golden Gate Dam Update



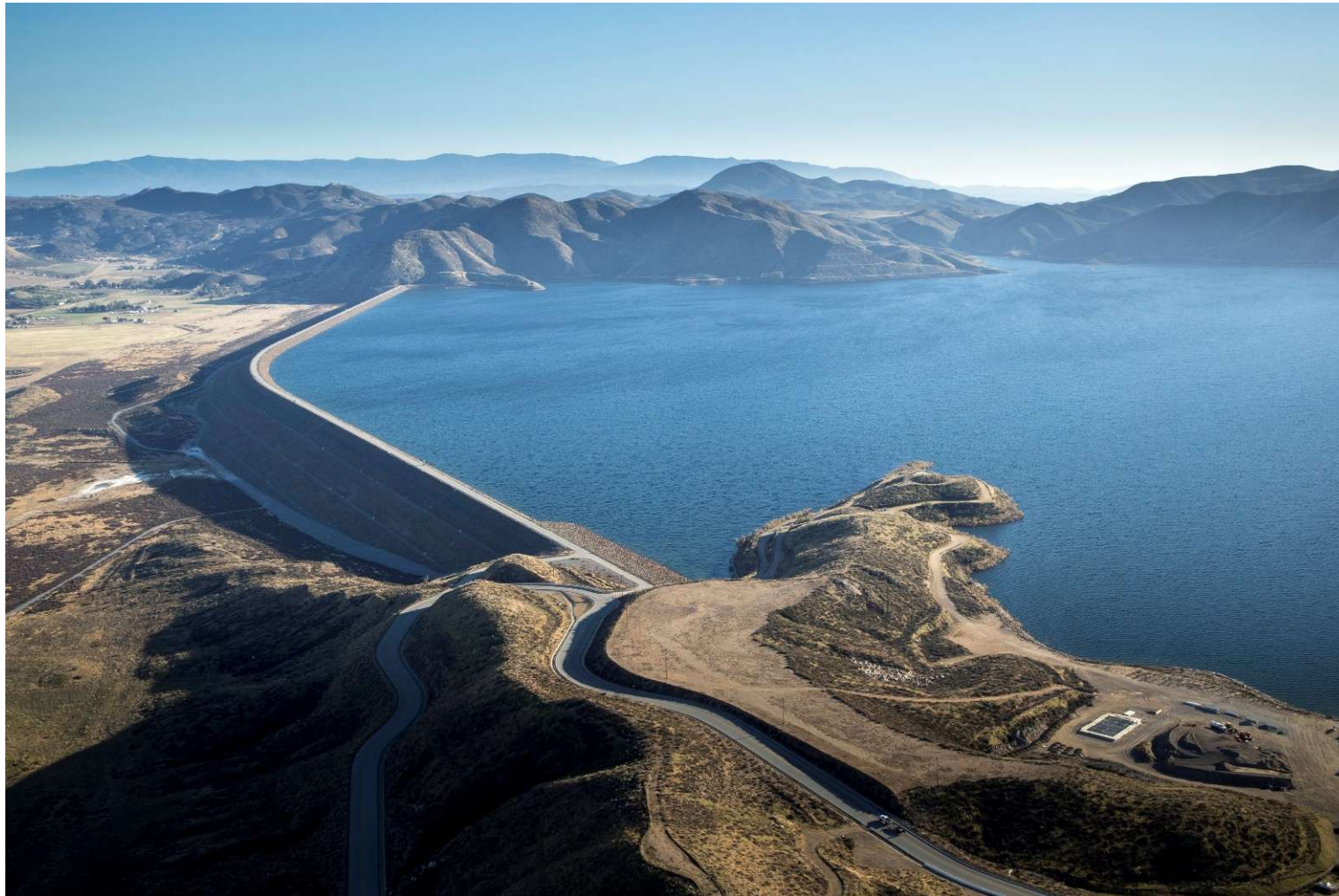


# Golden Gate Dam



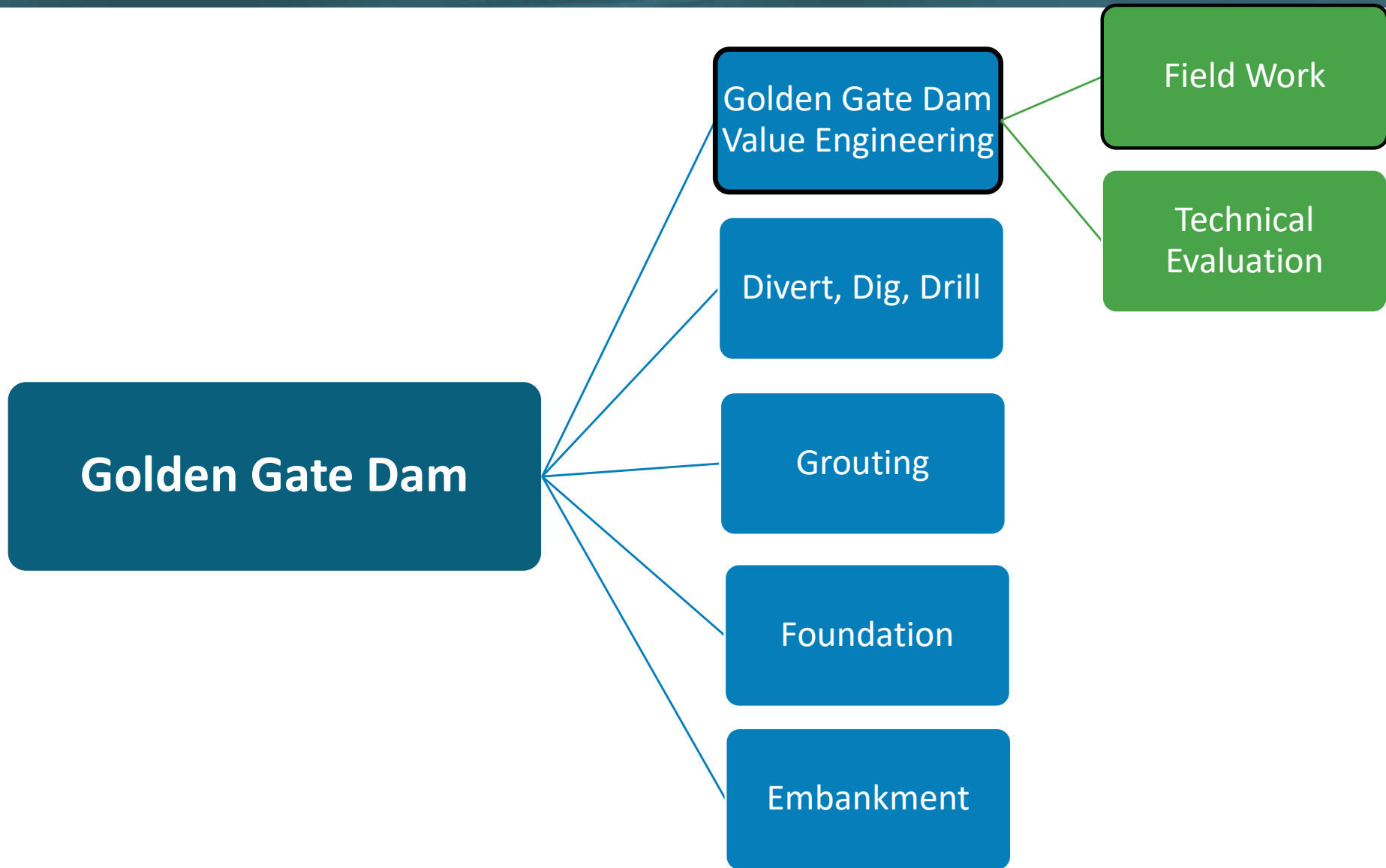


# Golden Gate Dam Value Engineering



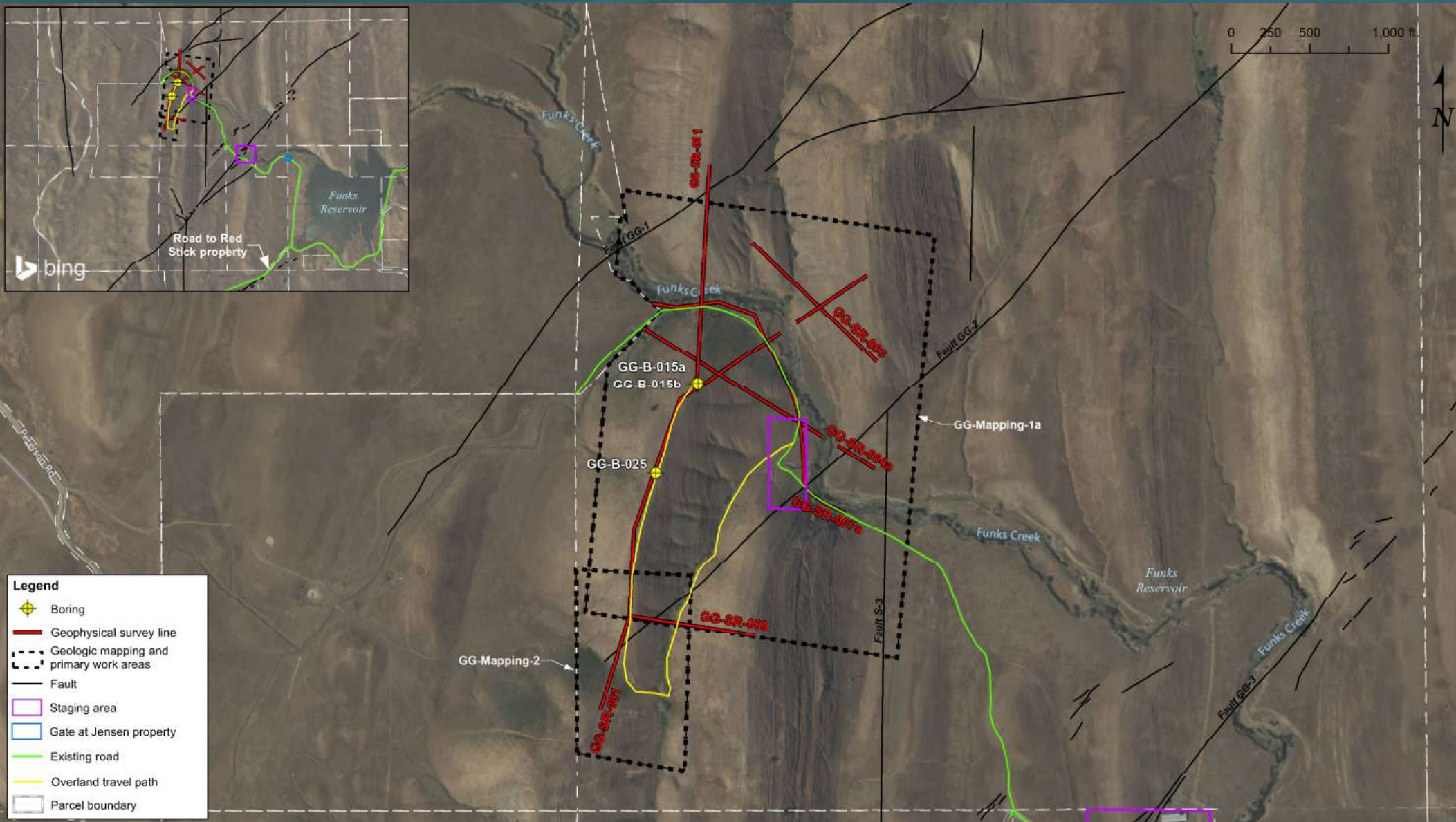
Diamond Valley Dam

# Golden Gate Dam





# Field Work





# Field Work

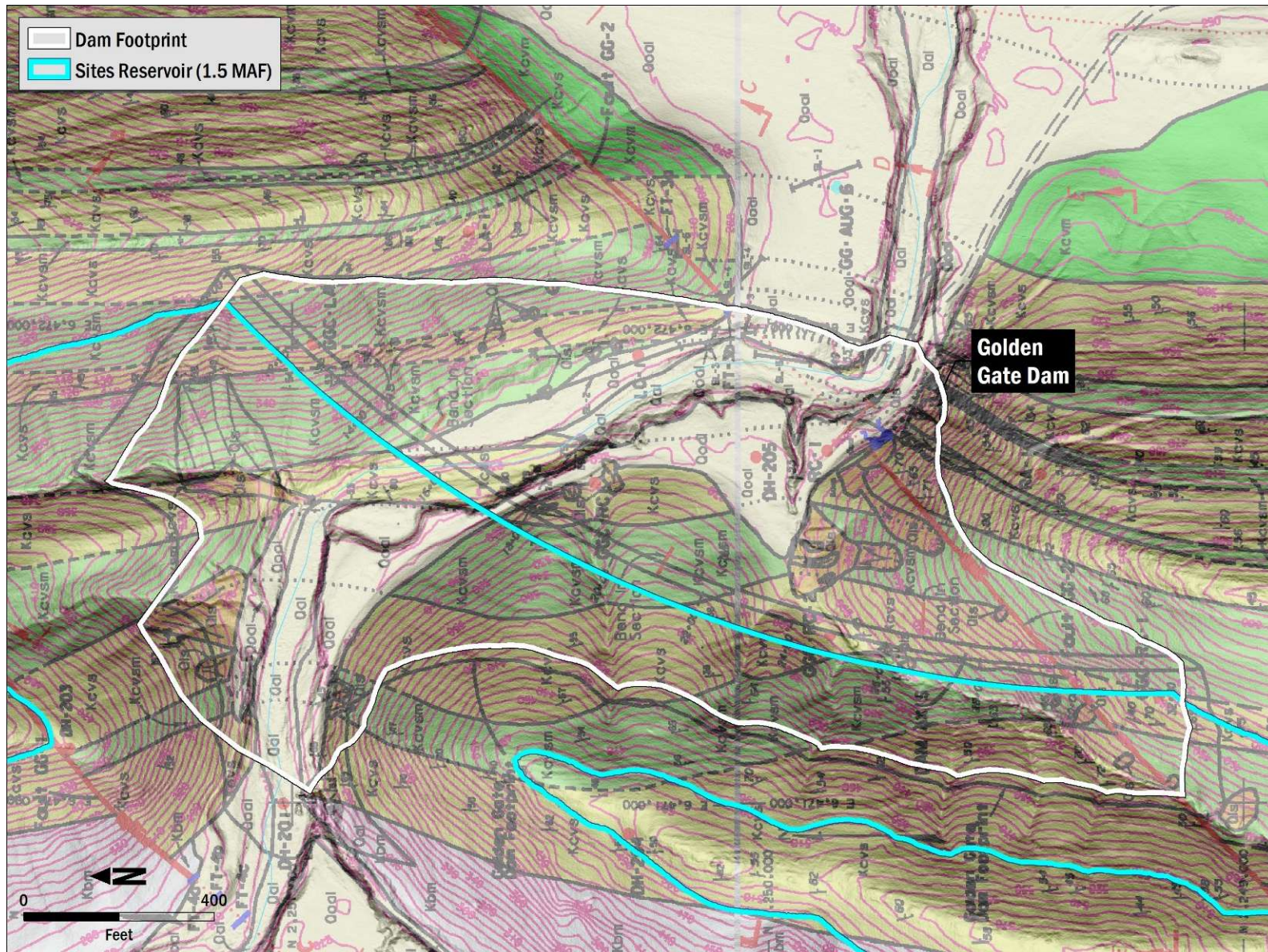


Geologic Mapping  
*Completed*





# Golden Gate Dam Geology





# Field Work



## Seismic Refraction & MASW

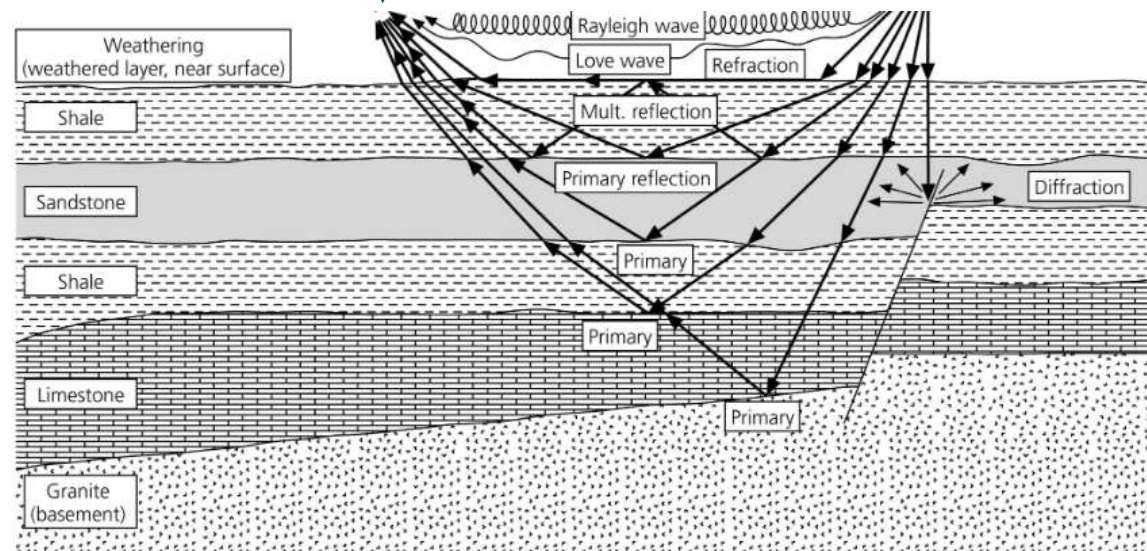
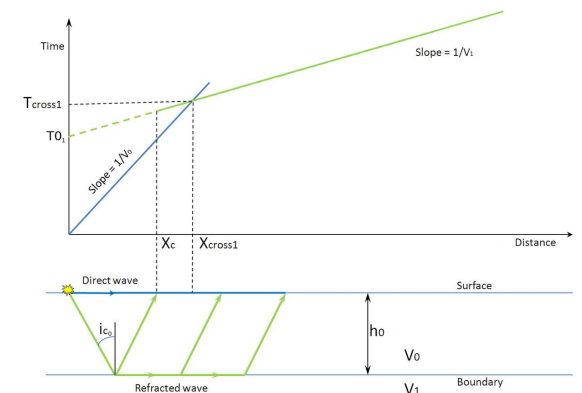
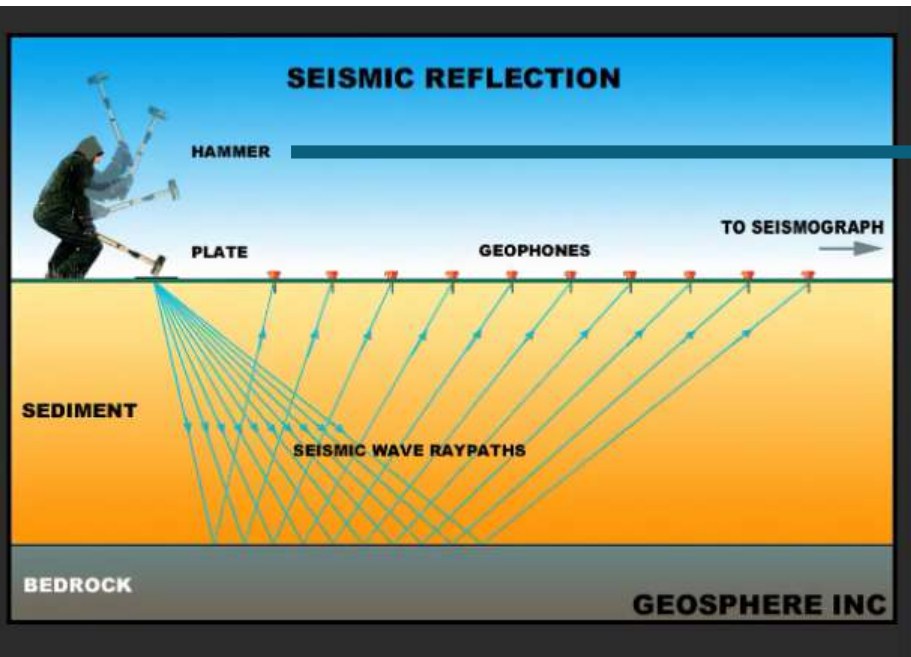
*In process*

Seismic Refraction & MASW- The method of refracting seismic waves through rock and soil layers to collect the subsurface geologic conditions and create a profile of materials.

# Field Work

## Seismic Refraction & MASW-Geophysical Mapping

*Concept images*



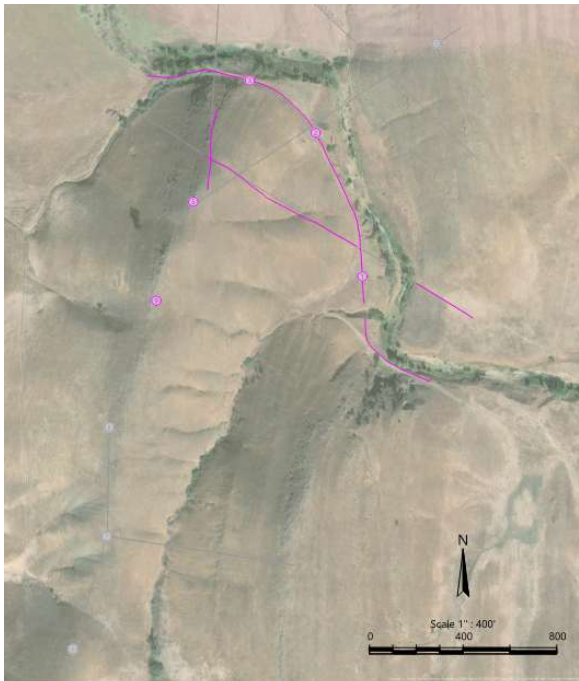


# Field Work

## Seismic Refraction & MASW

Progress: 20/45 days

Image represents 11/45 days



**Gate VE Geophysical Survey Progress**  
Air Project | Colusa County, California



## Scope

Figure A-2



\*parcel boundaries, depicted above, are solely for reference purposes.

- 3) Golden Gate Dam – Seismic Refraction Line 001 – referred to above as “GG-SR-001”
- 4) Golden Gate Dam – Seismic Refraction Line 003 – referred to above as “GG-SR-003”
- 5) Golden Gate Dam – Seismic Refraction Line 004 – referred to above as “GG-SR-004”
- 6) Golden Gate Dam – Seismic Refraction Line 007 – referred to above as “GG-SR-007”
- 7) Golden Gate Dam – Seismic Refraction Line 009 – referred to above as “GG-SR-009”
- 8) Golden Gate Dam – Seismic Refraction Line 011 – referred to above as “GG-SR-011”

# Field Work



Geotechnical  
Test Bores &  
Data Logging

# Golden Gate Dam Value Engineering Field Work Schedule

- Golden Gate Dam
  - Value Engineering
  - Field Work -2024/25
    - Bores, Geologic Mapping, Seismic Refractions
    - CMAR for Dam & Reservoir onboarding in 2025
      - Additional Geotechnical Work in future packages
  - Dam Construction~3 years, 2026
    - Grouting
    - Foundation
    - Embankment



# Agenda Item 1.3

2025 O&E Meeting Continuation

JP Robinette



# Agenda Item 2

Engineering and Construction Manager's Report

JP Robinette



# Engineering and Construction Manager's Report

- Status report on Contract Strategy Ad Hoc Sub-Workgroup
- Reminder: Special Operations & Engineering Workgroup (Ops Plan)
- Future agenda items:
  - Cost estimate and Program Baseline Report
  - Engineering and Construction organization
  - Golden Gate Dam VE process and schedule update

# Questions?



# Thank you!

Next Meeting: TBD