



Valley Water

Clean Water • Healthy Environment • Flood Protection

**Thank you for joining us. We will
be starting our meeting shortly.**

Zoom Webinar Instructions

Join Computer Audio

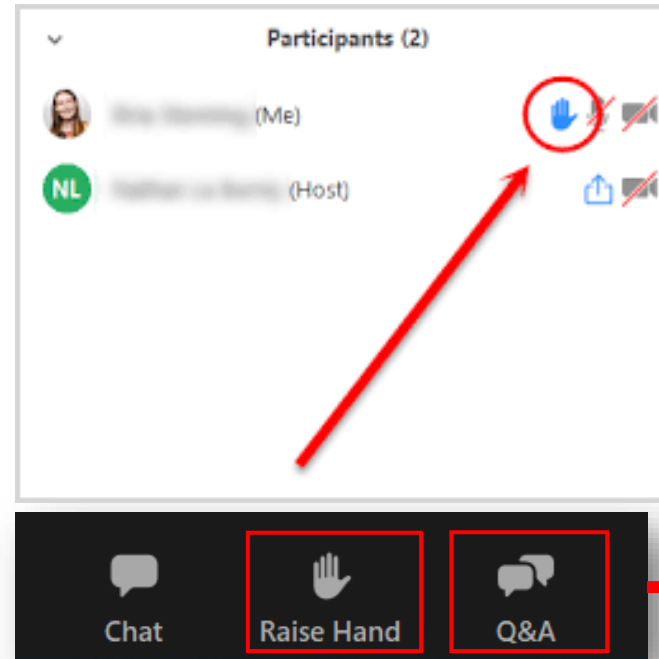


If internet unstable, use Phone Audio

- Check your invite/email for call-in number and meeting ID
- Dial call-in number: **1-669-900-9128**
- Enter webinar ID then #.

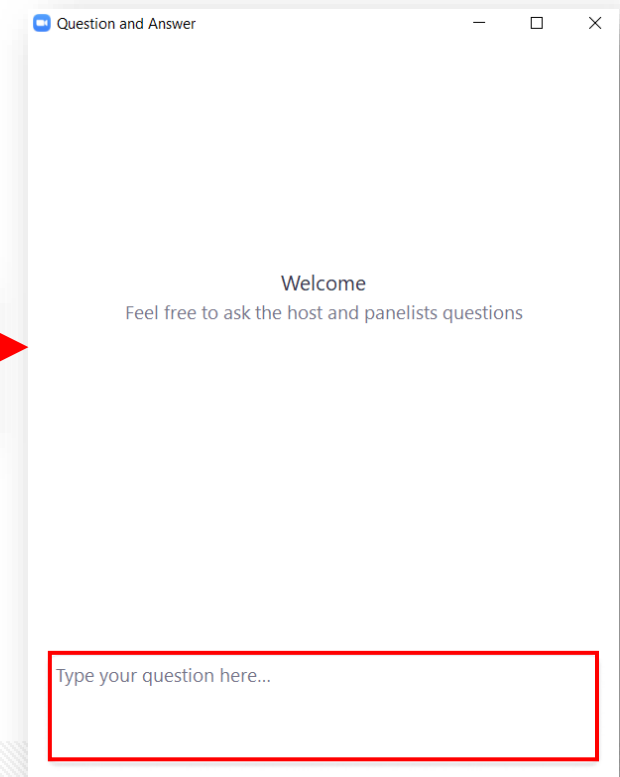
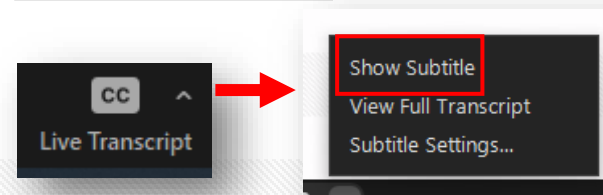
Ask a Question

*After we enable your mic,
you have to unmute yourself before
you verbally ask your question.*



*If only on phone:
Press *9 to raise your hand if
Press *6 to mute/unmute yourself.*

Enable Closed Captions/ Live Transcript





Anderson Dam Seismic Retrofit Project

Project Updates - Public Meeting
Thursday, September 18, 2025

Agenda

- Project Schedule
- Project Overview
- Tunnel Project Construction Update
- Dam Seismic Retrofit
- Milestones & Next Steps



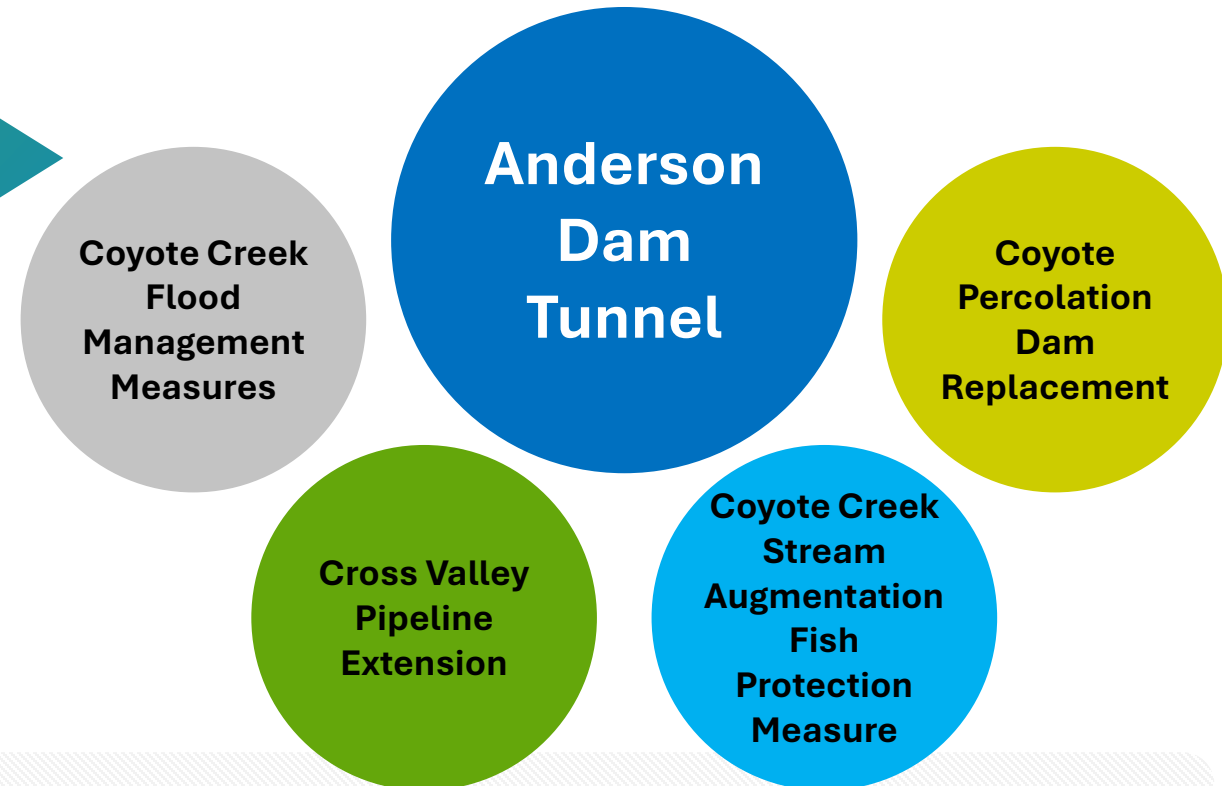
Anderson Dam Seismic Retrofit Project (ADSRP)

- Seismic retrofit of dam embankment
- Construction of new higher capacity outlet tunnel and outlet works
- Replacement of concrete spillway and raising the wall height by 7 feet to safely discharge large storm flows
- Increase dam crest height 9-feet

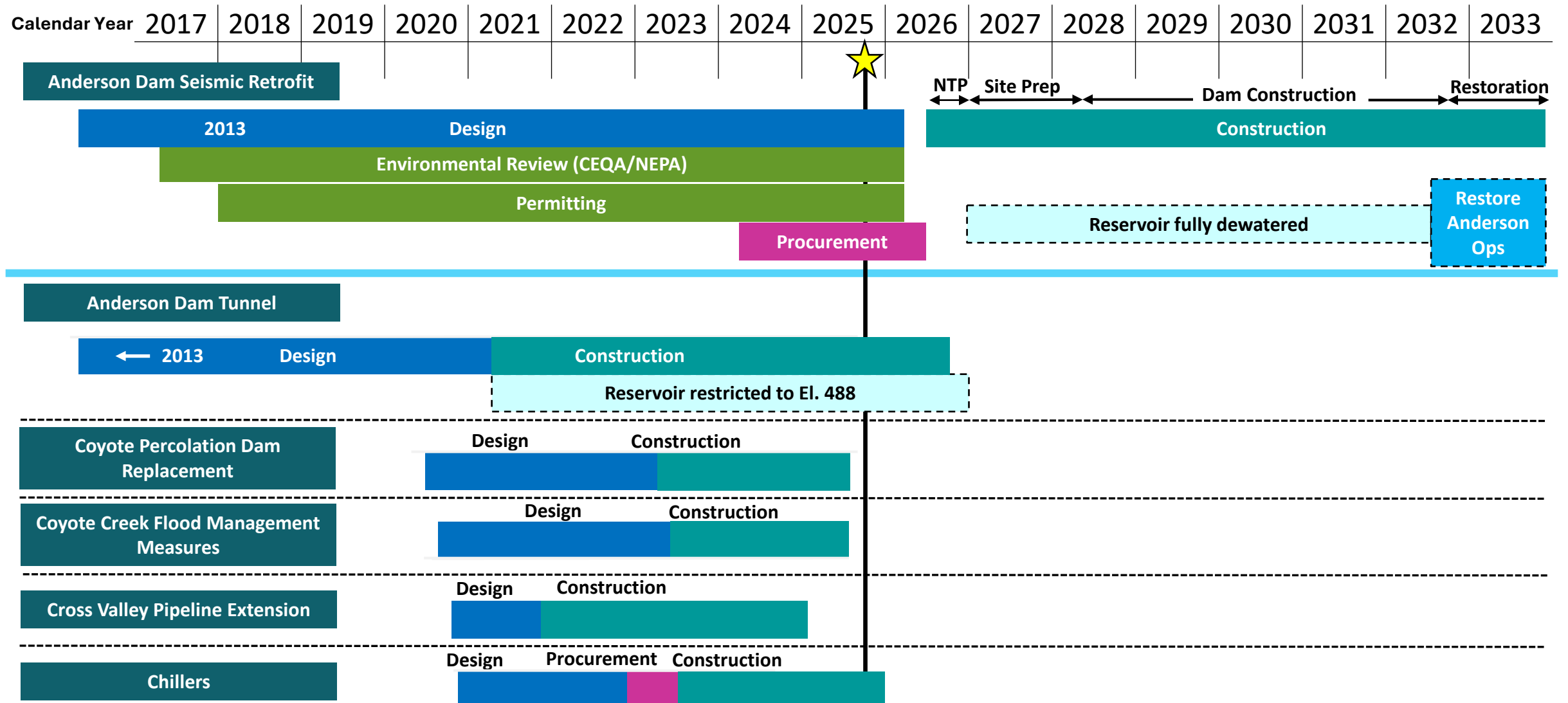
**Conservation
Measures**

FOCP

Federal Energy Regulatory
Commission (FERC) Order
Compliance Projects



Program Schedule



Anderson Dam Seismic Retrofit Project

Coyote Creek
North Channel

South Channel

Unlined Spillway

Extension of concrete over currently unlined channel

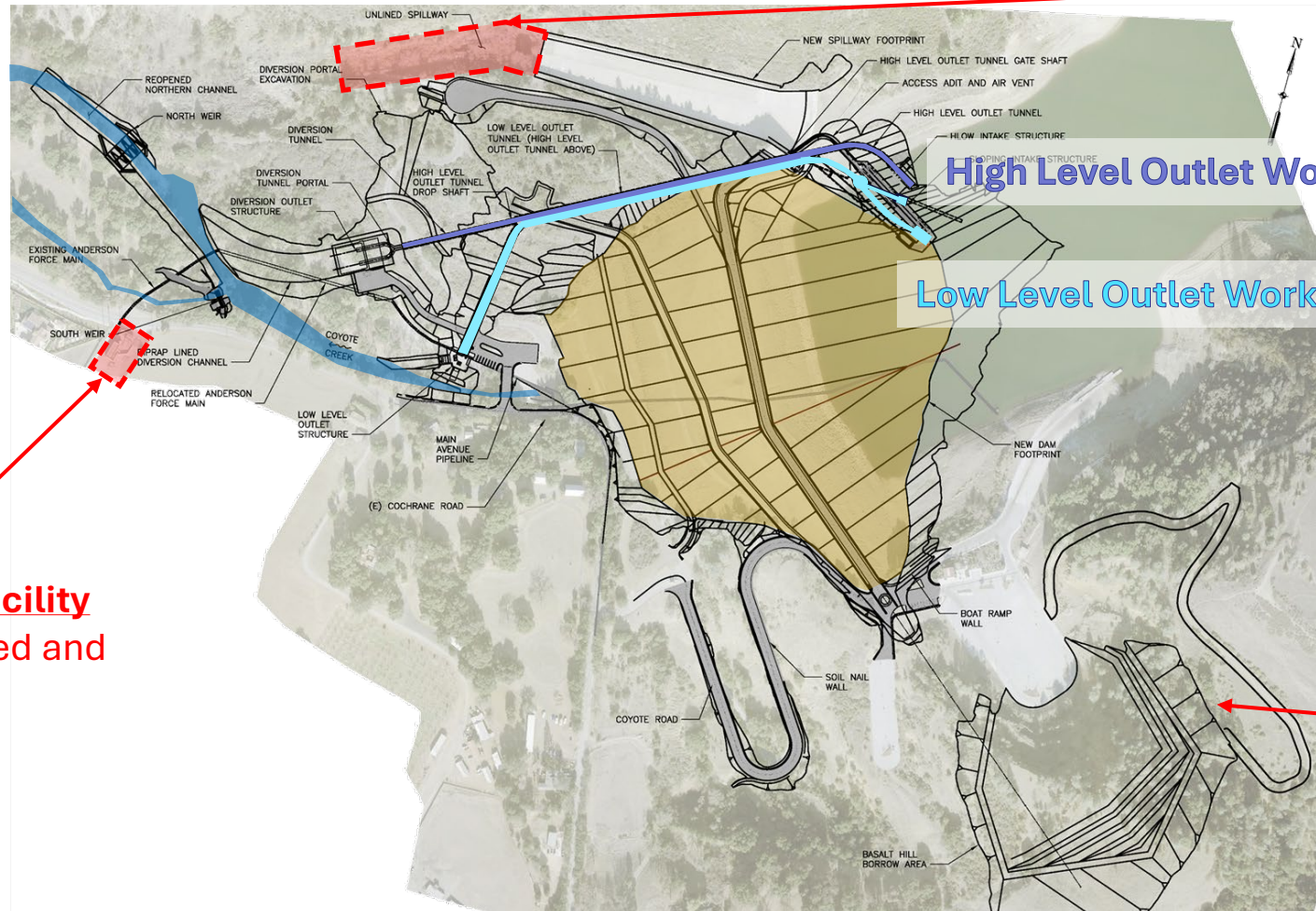
High Level Outlet Works

Low Level Outlet Works

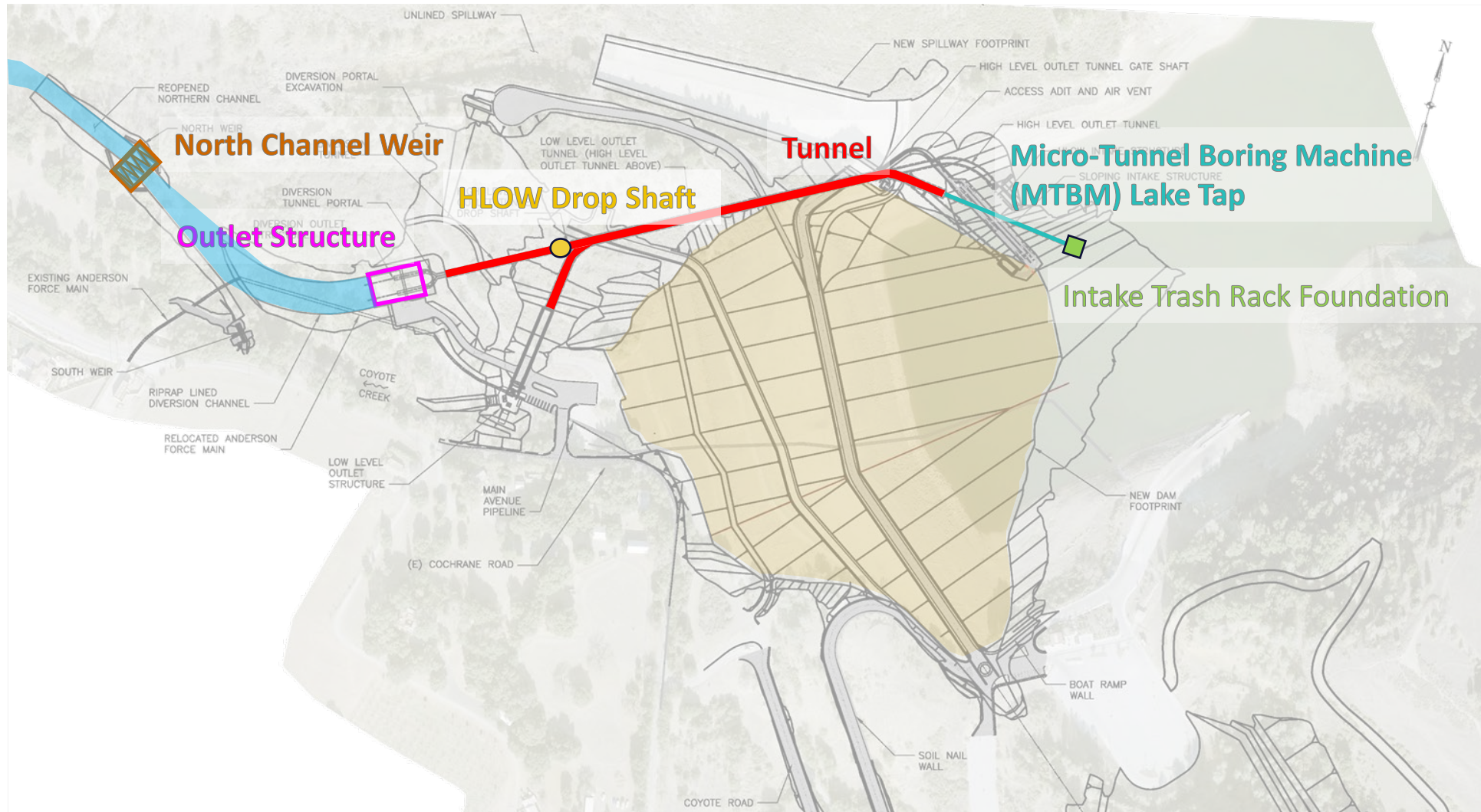
Hydroelectric Facility
to be disconnected and
decommissioned

Basalt Hill Borrow Area

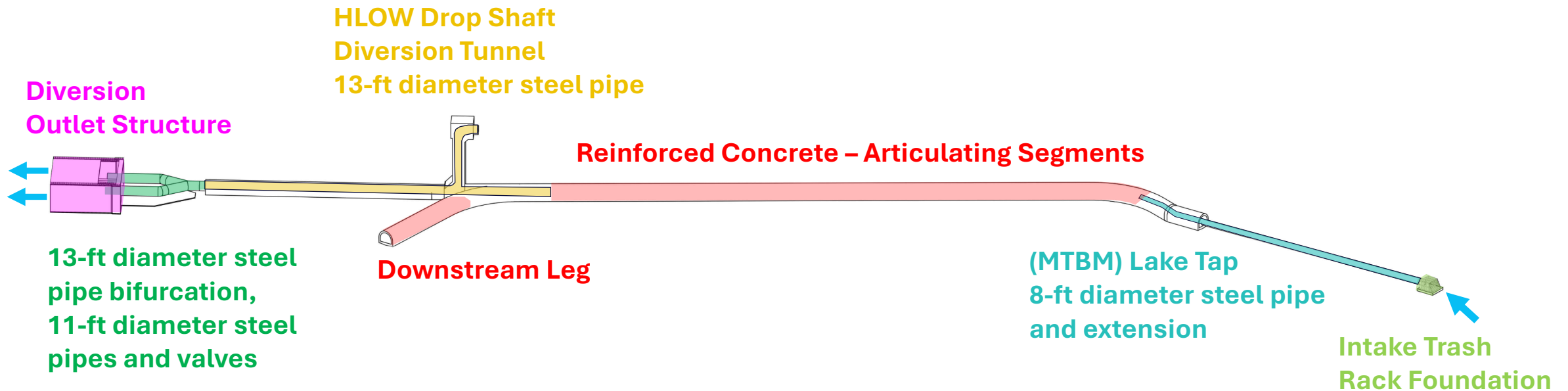
Existing stockpile and
future borrow area



Anderson Dam Tunnel Project – In Construction



Stage 1 Diversion – Anderson Dam Tunnel Project Tunnel Final Lining



Tunnel Final Lining – Steel Pipe

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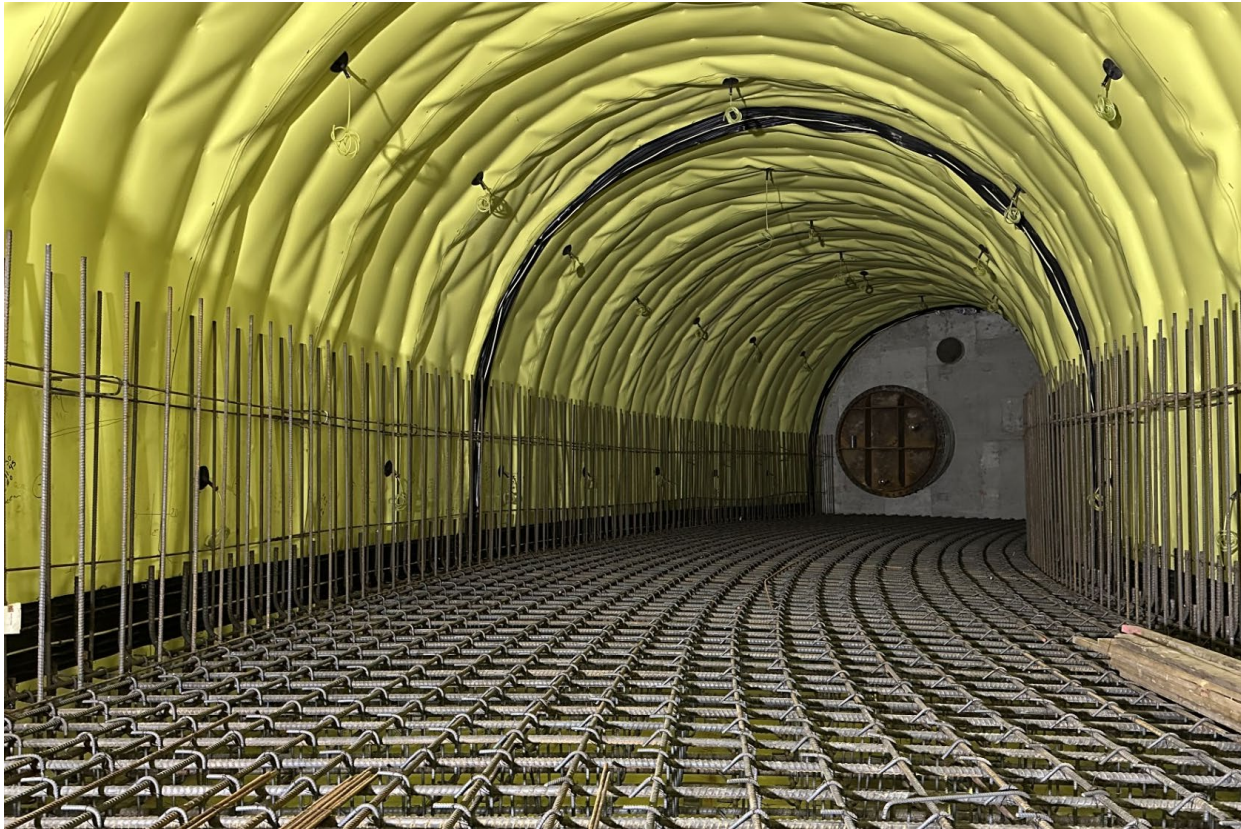
April 2025
8-foot diameter pipe extension with precast saddles



April 2025
Completion of the 8-foot diameter pipe extension

Tunnel Final Lining – Steel Pipe

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Pipe extension completed with concrete backfill, tunnel waterproofing, and invert rebar



April 2025: Sections of 13-foot diameter steel pipes on site

Structural Tunnel Lining – Articulating Segments

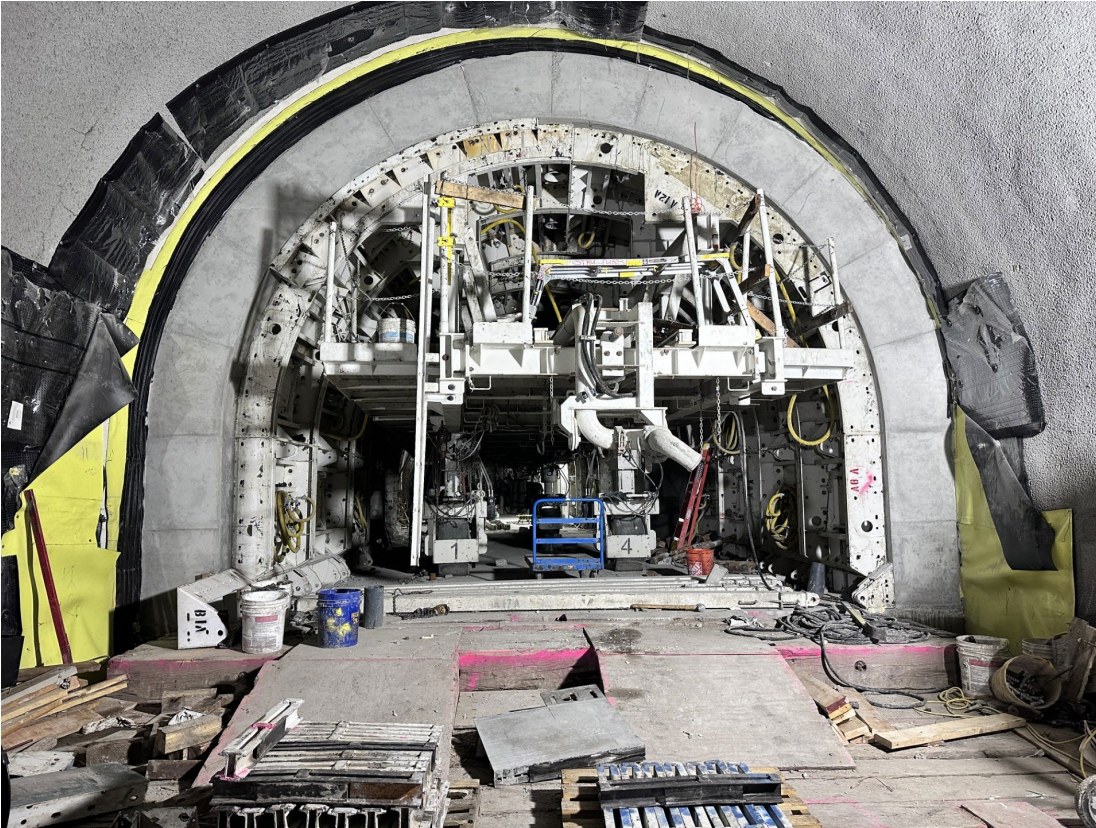


Upstream Leg - invert (floor) concrete placed



Downstream Leg - formwork installation for the arch concrete

Structural Tunnel Lining – Articulating Segments



Downstream Leg - concrete formwork for arch



Downstream Leg – completed segments

Anderson Dam Tunnel Project Progress – North Channel



Anderson Dam Seismic Retrofit Project (ADSRP)

- Dam safety standards
- Reliable local water supply
- FAHCE Operations
- Boating, fishing, hiking
- Improved entrance and parking area



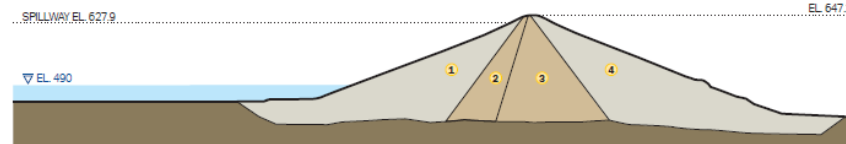
ADSRP - Construction Staging and Roads

Construction Season - Year 1 - Existing Dam

Summer Control of Water:
- Stage 1 diversion completed (ADTP); water level lowered to 490'
- Water level partial draw down to 465' and then 450'

Construction:
- Site preparation (haul roads, stockpile areas, dredging, Stage 2 Diversion construction)

Winter Control of Water:
- Existing Outlet Works and Stage 1 Diversion
- Water raised to 490'



Construction Season - Year 2 - Stage 1A Interim Dam

Summer Control of Water:
- Bypass pumping

Construction:
- Cofferdam construction
- Stage 2 Diversion construction
- Stage 1A interim dam excavation

Winter Control of Water:
- Stage 2 Diversion

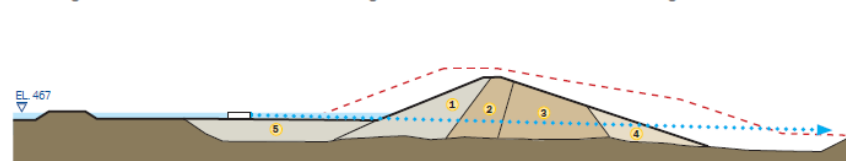


Construction Season - Year 3 - Stage 1B Interim Dam

Summer Control of Water:
- Stage 2 Diversion

Construction:
- Stage 1B Interim dam excavation

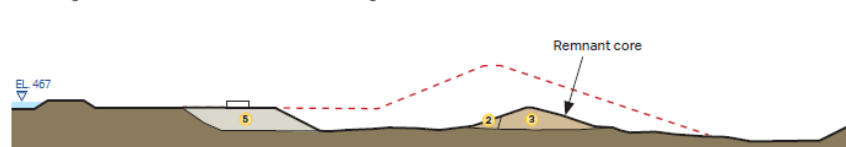
Winter Control of Water:
- Stage 2 Diversion



Construction Season - Year 4 - Stage 2A Interim Dam

Summer Control of Water:
- Stage 2 Diversion

Construction:
- Stage 2A interim dam excavation



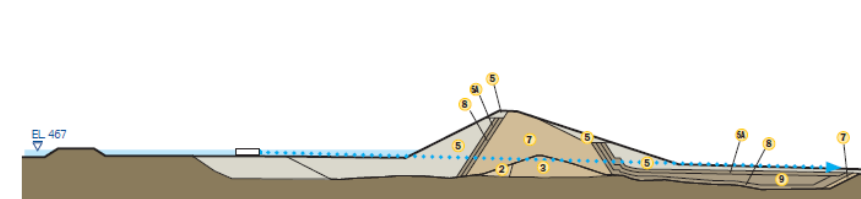
--- Previous stage dam surface
..... Diversion
1 Existing Upstream Shell
2 Existing Finer Core
3 Existing Coarser Core
4 Existing Downstream Shell
5 Shell

Construction Season - Year 4 - Stage 2B Interim Dam

Summer Control of Water:
- Stage 2 Diversion

Construction:
- Stage 2B embankment fill

Winter Control of Water:
- Stage 2 Diversion

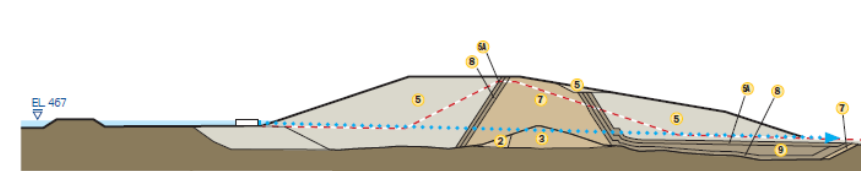


Construction Season - Year 5 - Stage 3A Interim Dam

Summer Control of Water:
- Stage 2 Diversion

Construction:
- Stage 3A embankment fill

Winter Control of Water:
- Stage 2 Diversion

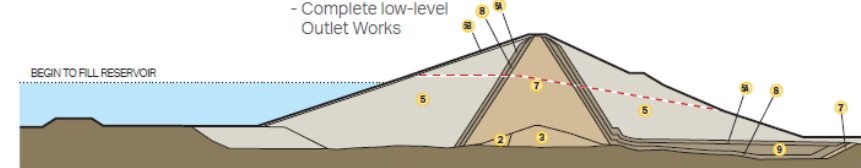


Construction Season - Year 6 - Stage 3B Interim Dam

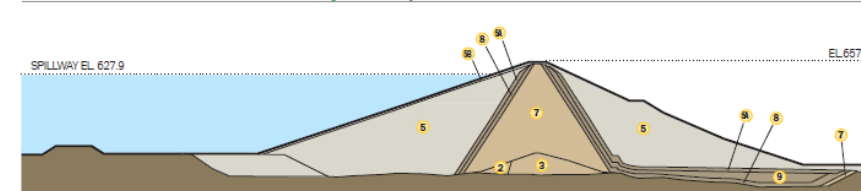
Summer Control of Water:
- Bypass pumping

Construction:
- Stage 3B embankment fill
- Complete low-level Outlet Works

Winter Control of Water:
- Completed Outlet Works

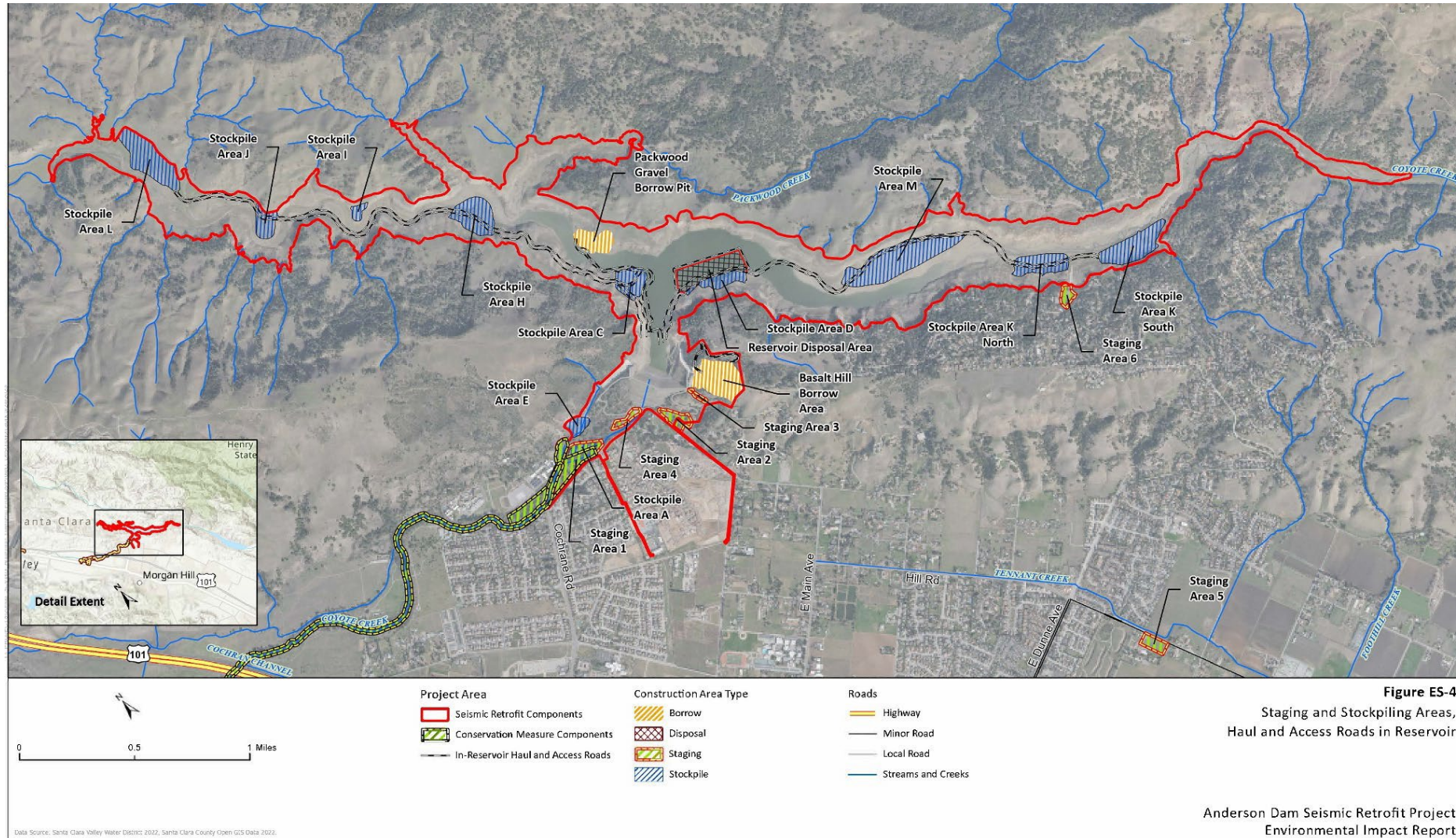


Construction Season - Year 7 and Beyond - Replacement Dam



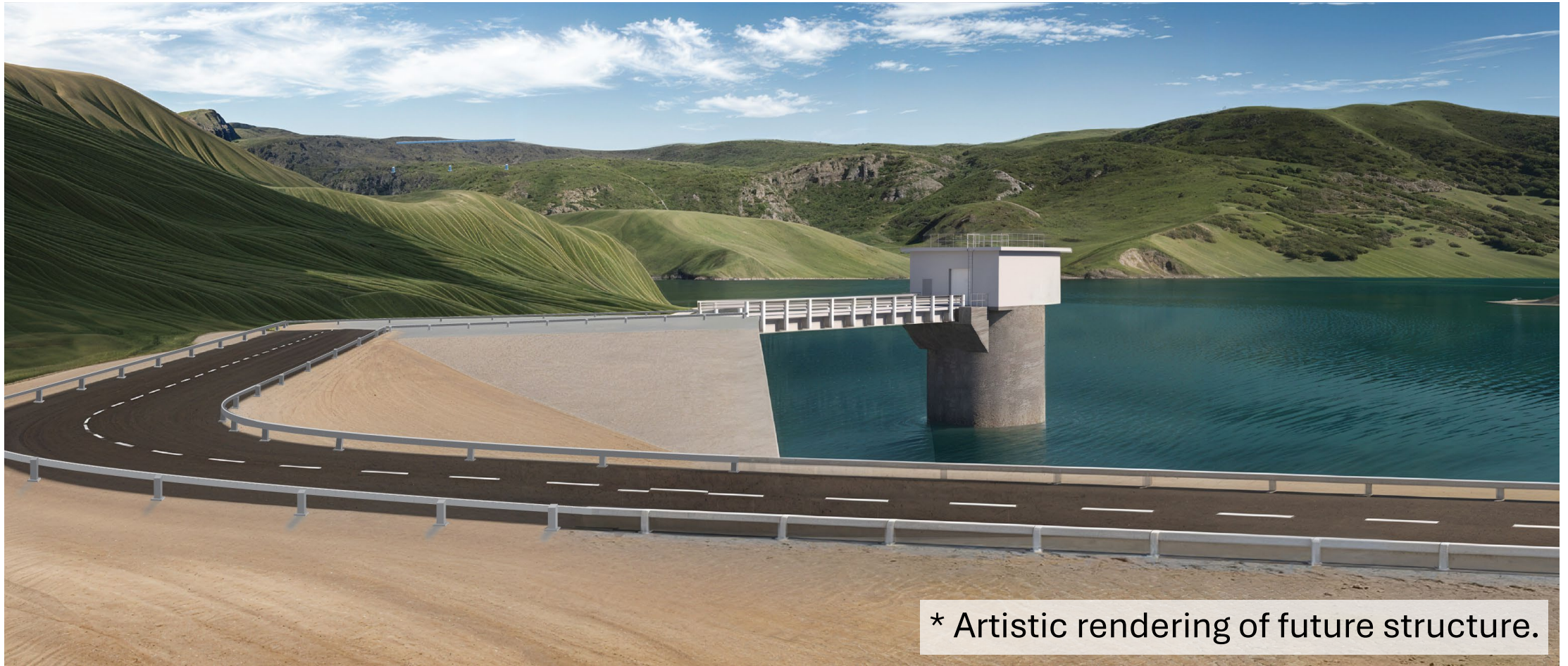
--- Previous stage dam surface
..... Diversion
2 Existing Finer Core
3 Existing Coarser Core
5 Shell
6 Transition
7 Core
8 Filter
9 Drain
4 Existing Downstream Shell
5 Shell

ADSRP - Construction Staging and Roads



Intake Tower*

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* Artistic rendering of future structure.

Milestones and Next Steps

- February 2025 – Certify Final EIR
- June 2025 – Final 401 Permit
- **September 2025 – Invitation to Bid**
- October 2025 – Final LSAA (expected)
- March 2026 – Final 404 Permit
- May 2026 – Bid Opening
- **July 2026 – Award/Notice to Proceed 1 Administrative**
- **January 2027 – Notice to Proceed 2 Mobilization**
- December 2033 – Project Completion
- December 2035 – Project Acceptance





Questions?