



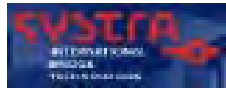
COUNTY OF EL DORADO
DEPARTMENT OF TRANSPORTATION
With
SHIMMICK CONSTRUCTION



Mosquito Road Bridge

At the South Fork of the American River

PROJECT UPDATE TOWN HALL MEETING #4



December 4, 2025



AGENDA

- ➔ Welcome / Introductions
- ➔ Project Review
- ➔ Bridge Sequence Video
- ➔ Work Completed this Year
- ➔ Upcoming Operations
- ➔ Anticipated Schedule
- ➔ Traffic Control & Impacts
- ➔ Q&A



Welcome/ Introductions

- ➔ Brian Franklin – Resident Engineer
- ➔ Vince Castro – Shimmick Project Director





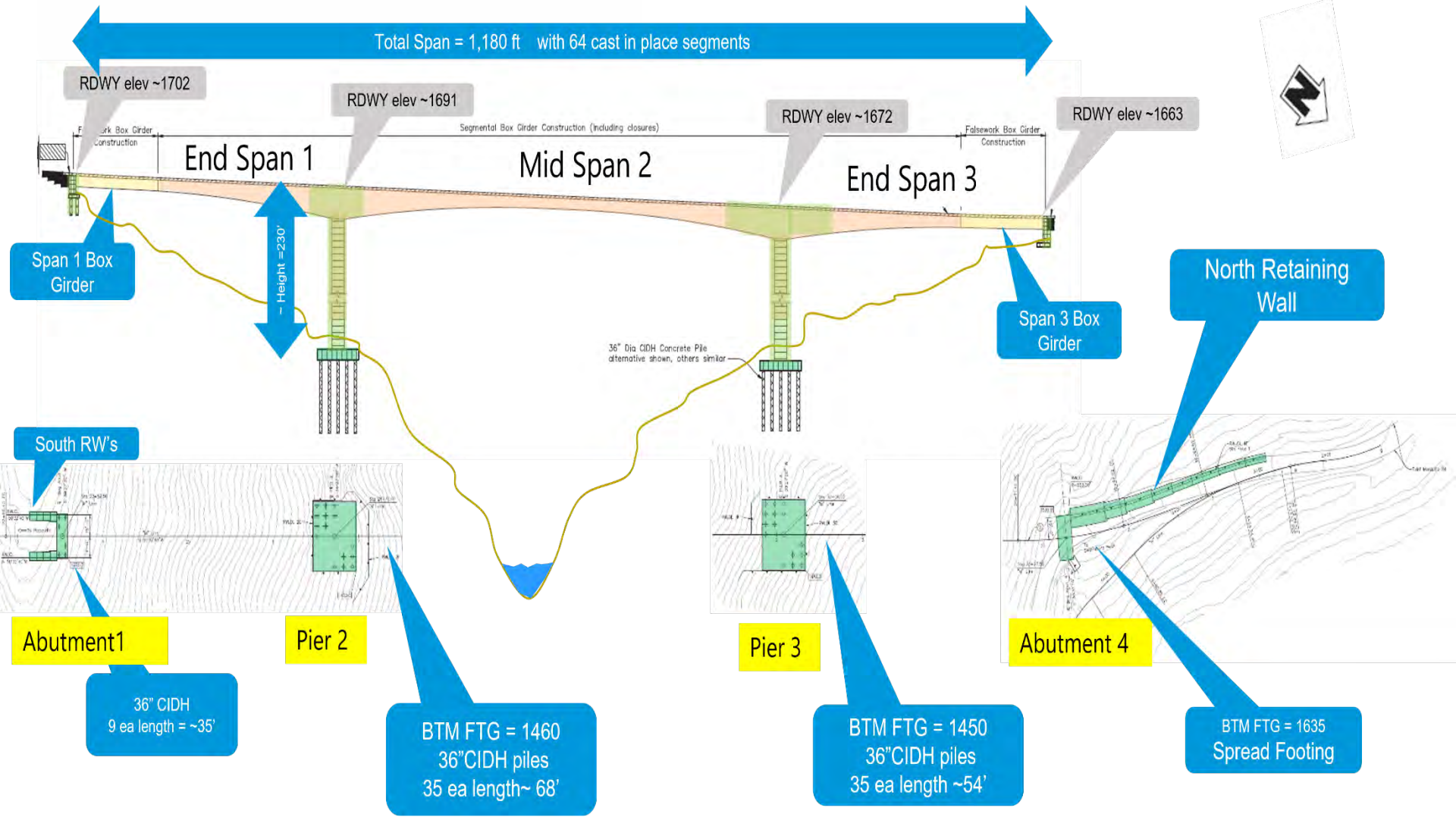
Project Features

- ➔ 1,180 LF Balanced Cantilever Segmental Bridge
- ➔ Approx. 400 Vertical Feet above river channel
- ➔ Approx. 200 Vertical Feet Piers



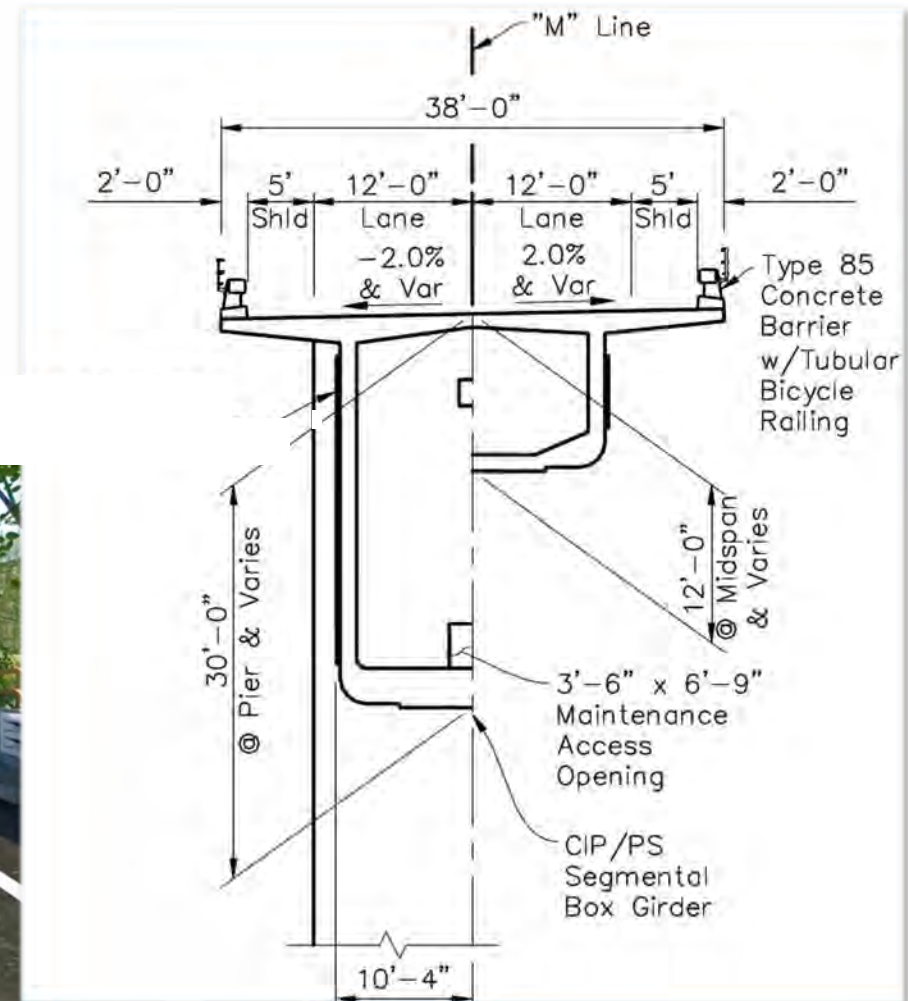


Project Features



Project Features

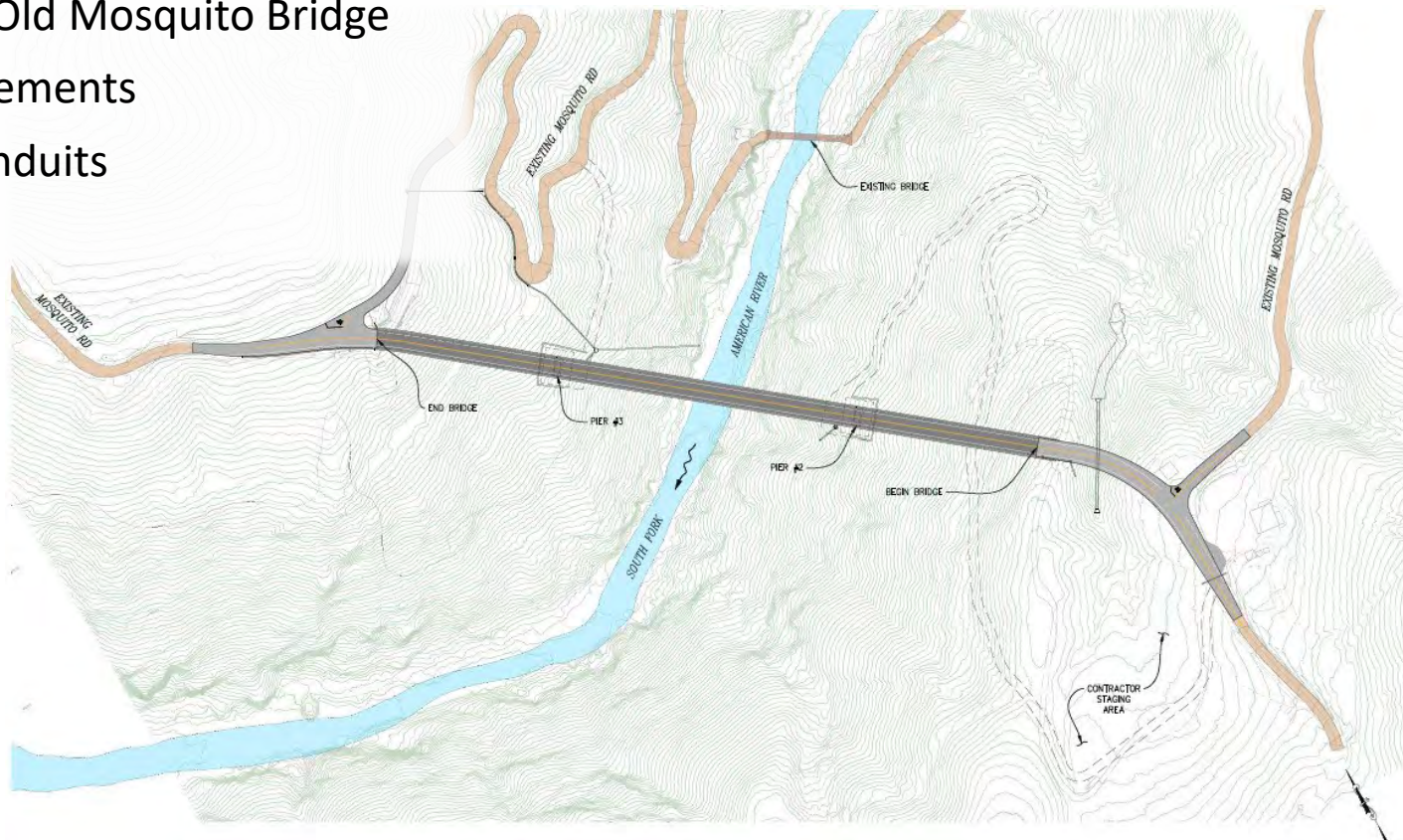
- ➔ 2 Lanes (12' wide, 5' shoulders)
- ➔ 54" High Barrier with Tubular Railing(Exceeds Standard)
- ➔ Timber Textured Barrier
- ➔ Natina Finished Railing (& MBGR)
- ➔ Suicide Prevention Signs





Project Features

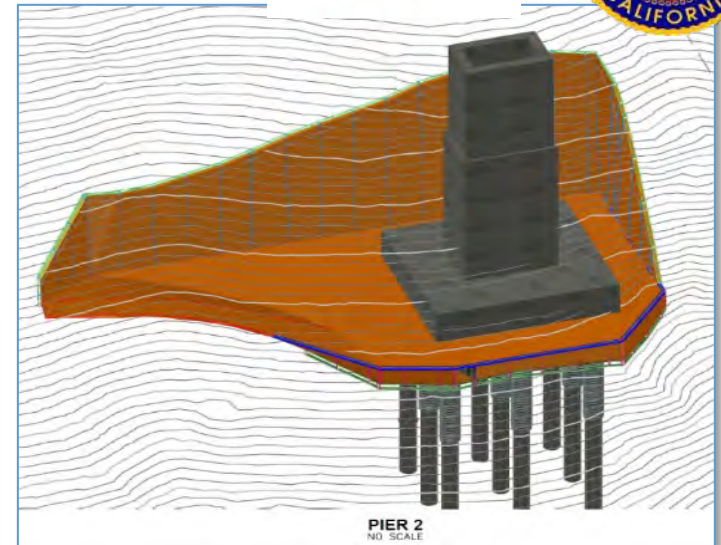
- ➔ New Mosquito Road Intersections (North and South)
- ➔ Realignment of existing Mosquito Road (North)
- ➔ Gated Access to Old Mosquito Bridge
- ➔ Drainage Improvements
- ➔ Future Utility Conduits





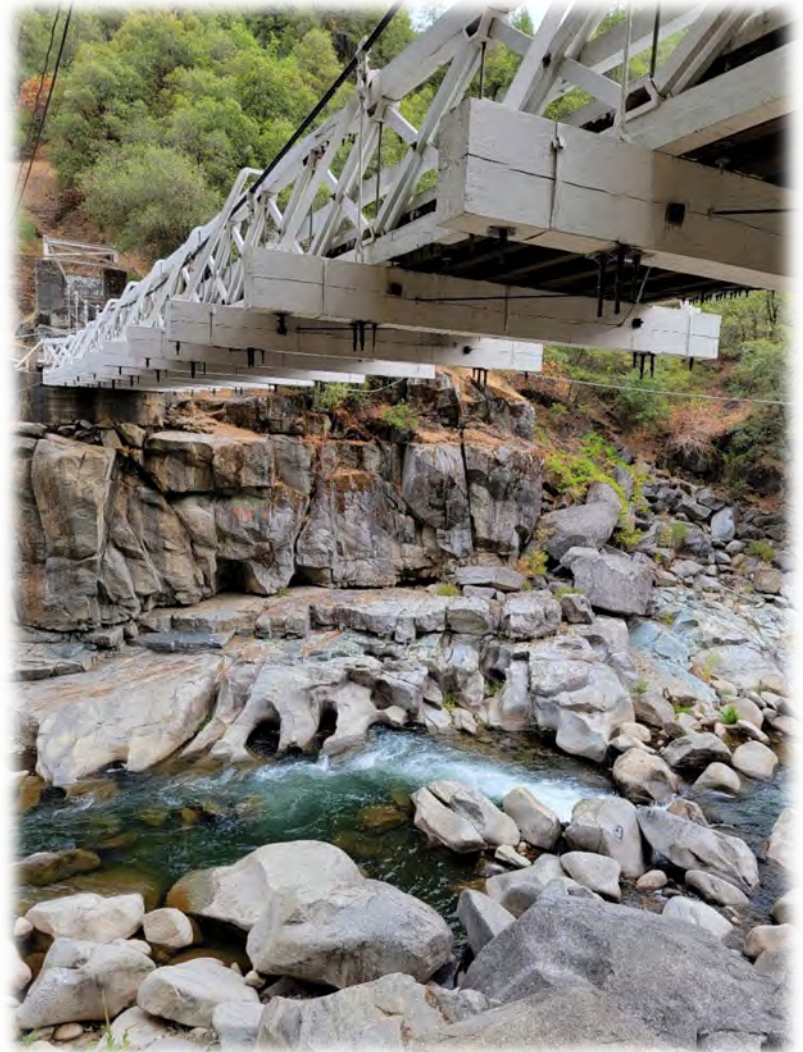
Project Features

- Pier Walls & Foundations
 - Soil Nail & Soldier Pile Walls
- Shotcrete Rock Texturing

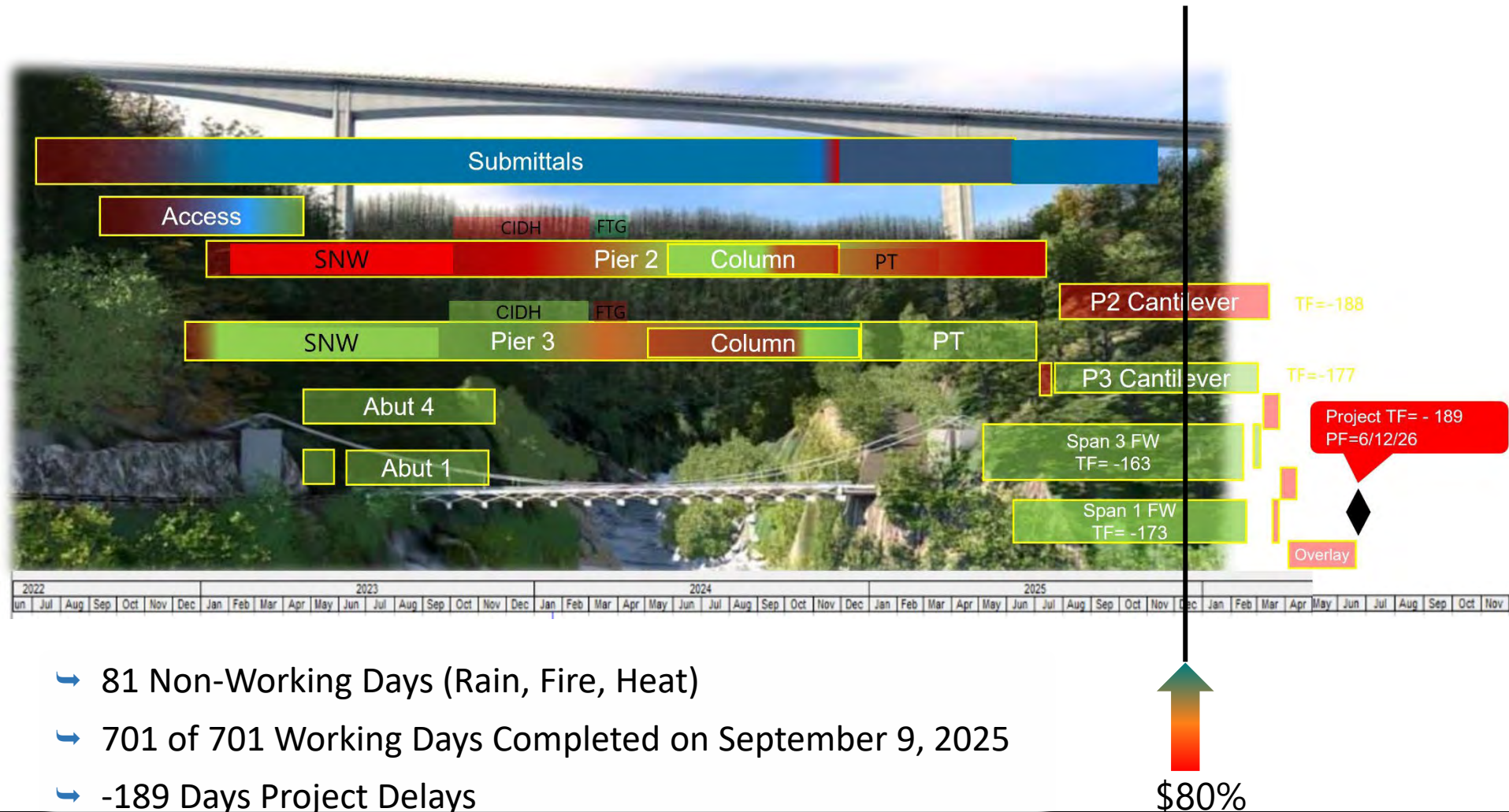


Project Features

- ➔ Existing Mosquito Road Bridge Remains In Place
- ➔ Converted to Bicycle & Pedestrian Bridge (Other Project)
- ➔ Gated Access to Existing Bridge



Construction Contract Award & Milestone Completion



Construction Start & Milestone Completions



- ➔ Notice to Proceed – July 18, 2022
- ➔ Stage 0 North Realignment Completed & Road Opened – August 9, 2022
- ➔ Abutment 4, Retaining Wall 4, Backfill Completed – September 2023
- ➔ Piers 2 & 3 Structural Retaining Walls Completed – September 2023
- ➔ Abutment 1, Retaining Walls, Approach Embankment Completed – October 2023
- ➔ Pier 2 Access Completed October 2023
- ➔ Piers 2 & 3 Foundation CIDH Piles Completed – January 2024
- ➔ Piers 2 & 3 1,100 CY Pile Caps Foundation Concrete Completed – April 2024
- ➔ Piers 2 & 3 Column Lifts 7 & 8 Completed – December 7, 2024
- ➔ Piers 2 & 3 Pier Tables Completed – June 27, 2025
- ➔ Piers 2 & 3 Modular Form Travelers (MFTs) Constructed – September 17, 2025
- ➔ Piers 2 & 3 Segment Construction through P2-4M and P3-7E – December 3, 2025
- ➔ Drainage Systems and Erosion Control in Progress



Bridge Construction Videos





Work Completion South Side

September 24, 2024 – December 3, 2025

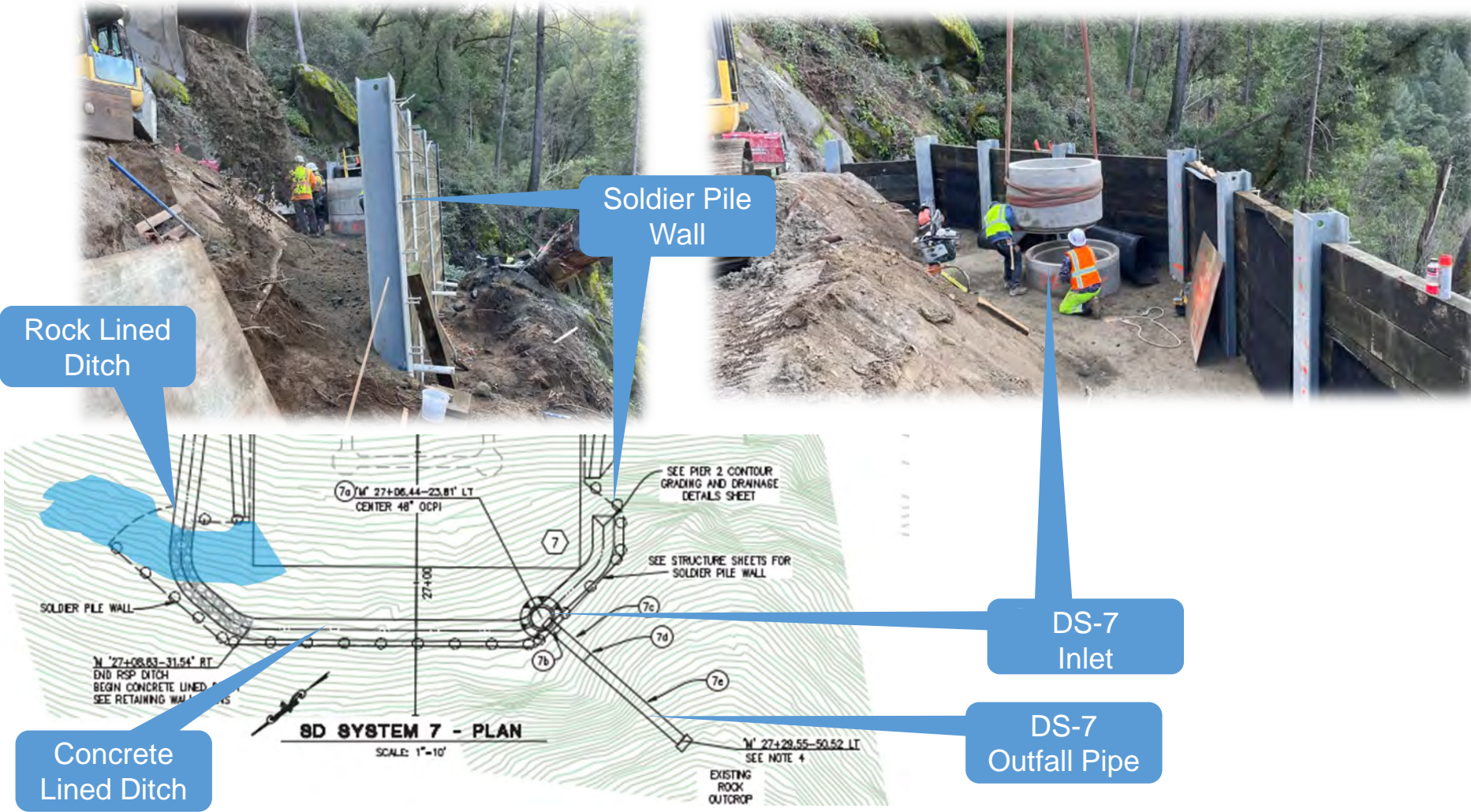
- Abutment 1 End Span Cast On Falsework Foundations
 - Pier 2 Column Complete (Lifts 7-8)
 - Pier 2 Pier Table
- Pier 2 Modular Form Travelers (MFTs) Mobilized & Constructed
 - Pier 2 Segment Progress (Segments 1E through 4M)
- Pier 2 Foundation / Soldier Pile Retaining Walls Sculpted Shotcrete
 - Pier 2 Drainage System #7 Complete

Pier2 – South Layout, Progress, and Erosion Control BMPs - November 22, 2023





Pier2 Drainage System #7 (DS-7) Installation 12/29/23



Pier 2 Drainage System #7 (DS-7) Completed



→ DS-7 Concrete Lined Ditches September 26, 2024 Through October 3, 2024



Pier 2 Drainage System #7 (DS-7) Completed

- DS-7 Rock Lined Ditches / Outfall Tie-In October / Erosion Control
October 14, 2024 Through November 8, 2024



Pier 2 Column Lifts Complete

- ➔ Lift 7 Completed November 4, 2024
- ➔ Lift 8 Completed December 7, 2024



Pier 2 Pier Table Soffit & Lower Diaphragm Completed

- ➔ Falsework Construction Completed January 29, 2025
- ➔ Rebar & Forms Completed March 25, 2025
- ➔ Concrete Placed for Soffit and Lower Diaphragm March 27, 2025





Pier 2 Pier Table Stems & Mid-Diaphragm Completed

- ➔ Falsework Revisions Completed April 8, 2025
- ➔ Rebar & Forms Completed April 30, 2025
- ➔ Concrete Placed for Stems and Mid-Diaphragm May 2, 2025



Pier 2 Pier Table Deck & Upper Diaphragm Completed

- ➔ Falsework Revisions Completed June 10, 2025
- ➔ Rebar & Forms Completed June 26, 2025
- ➔ Concrete Placed for Deck and Upper-Diaphragm June 27, 2025



Pier 2 Modular Form Travelers (MFTs) Installation Completed



- ➔ MFTs Equipment Delivery April through August 2025
- ➔ MFTs Construction Started on South Trestle July 28, 2025
- ➔ MFTs Construction on Pier Table Started August 8, 2025
- ➔ MFTs Construction on Pier Table Completed September 17, 2025





Pier 2 Segment Construction through P2-4M Completed (6-8 Day Cycle Goal)

- Segment P2-1E Began September 18, 2025
- Segment P2-1E Launch MFT to P2-2E October 27, 2025
- Segment P2-4E Began November 12, 2025
- Segment P2-4E Launch MFT to P2-5E November 21, 2025



Abutment 1 End Span Cast on Falsework (COF) - Intermittent

- ➔ Grading & Pile Foundation Completed June 23, 2025 to July 1, 2025
- ➔ Bottom Caps & Erosion Control Complete by November 20, 2025 to November 26, 2025
- ➔ Falsework Post & Stringer Fabrication in Progress





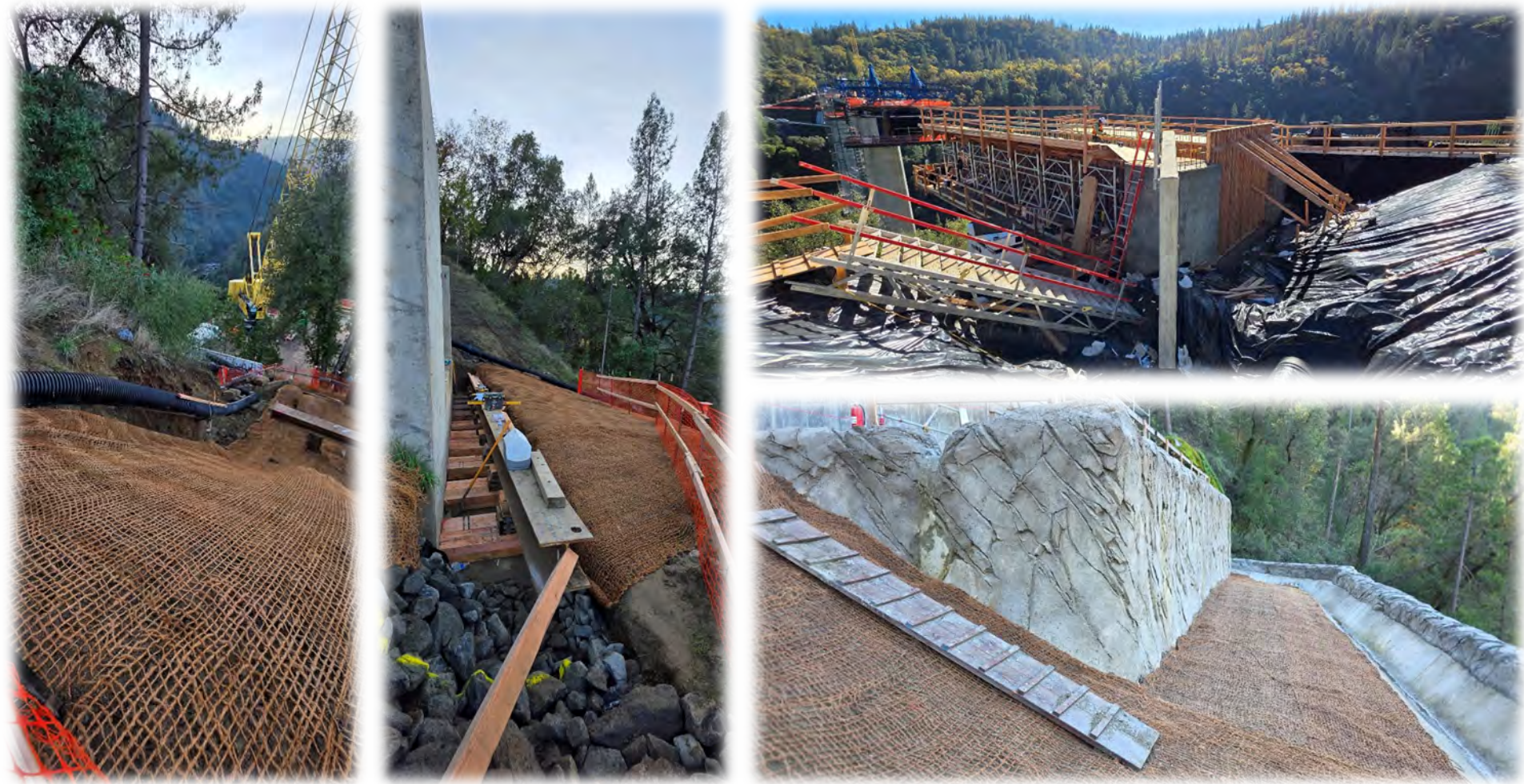
Pier 2 Sculpted Shotcrete for Foundation & Soldier Pile Retaining Wall Completed

- ➔ Drill & Bond Dowel into Foundation Began June 23, 2025
- ➔ Rebar & Scaffold Installation Began October 10, 2025
- ➔ Sculpted Shotcrete Placed October 13, 2025
- ➔ Shotcrete Staining will Complete when Weather Conditions Allow



Project Wide Erosion Control Installations

- ➔ Erosion Control Best Management Practices (BMPs) Maintained / Installed by November 28, 2025





South Project Limits July 20, 2022

- ➔ South Ravine Tree Removals in Progress
- ➔ Begin Access Road Grading





South Project Limits July 12, 2023

- ➔ South Ravine Fill approximately 85% complete
- ➔ Abutment 1 / RW1 and structure backfill in progress
- ➔ Pier 2 Retaining Walls completed on 9/25/23





- ➔ Pier 2 CIDH Piles installation completed on 1/31/24
- ➔ Pier 2 Footing Pile Cap 1,100 CY concrete placed on 4/6/24
- ➔ Pier 2 Column Lift 6 (out of 8) completed on 9/23/24





South Project Limits December 1, 2025

- ➔ Drainage System #7 Completed 9/8/24
- ➔ Pier 2 Column Complete 12/7/24 / Pier Table Completed 6/27/25
- ➔ Segments P2-1E to P2-4M Completed 12/3/25 (8 Segments out of 32 Total)
- ➔ Abutment 1 End Span Falsework Foundation Completed 11/26/25





Work Completion North Side

September 24, 2024 – December 3, 2025

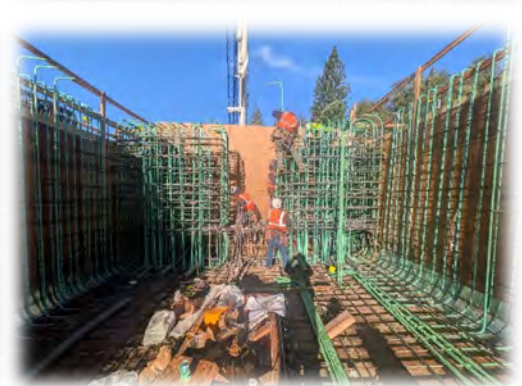
- Pier 3 Column Complete (Lifts 7-8)
 - Pier 3 Pier Table
- Pier 3 Modular Form Travelers (MFTs) Mobilized & Constructed
 - Pier 3 Segment Progress (Segments 1E through 7E)
- Pier 3 Foundation / Soldier Pile Retaining Walls Sculpted Shotcrete
 - Pier 3 Drainage System #6 Progress
- Abutment 4 End Span Cast On Falsework / Soffit & Stem Forms / Rebar Installation – Concrete Placement Scheduled for 12/8/25
- 10-Week Closure Work for Work On / Adjacent to Mosquito Road

Pier3 – North Layout, Progress, and Erosion Control BMPs – November 22, 2024



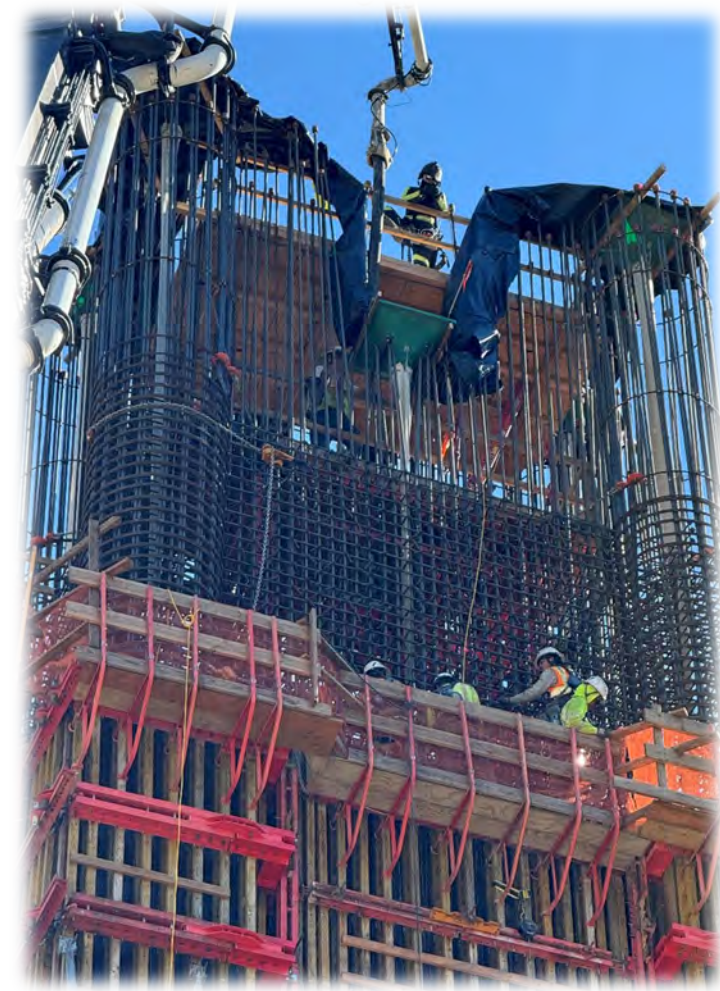
Abutment 4 End Span Cast on Falsework (COF)

- ➔ Grading & Spread Footing Foundation Completed September 4, 2025
- ➔ Bents & Stringers Complete by October 22, 2025
- ➔ Roll Joists / Soffit Sheathing / Stem Forms Completed October 23, 2025 - November 18, 2025
- ➔ Soffit & Stem Rebar Installation November 19, 2025 / Concrete Placement Scheduled for December 10, 2025



Pier 3 Column Lifts Complete

- ➔ Lift 7 Completed October 25, 2024
- ➔ Lift 8 Completed December 3, 2024



Pier 3 Pier Table Soffit & Lower Diaphragm Completed

- Falsework Construction Completed February 14, 2025
- Rebar & Forms Completed March 21, 2025
- Concrete Placed for Soffit and Lower Diaphragm March 22, 2025



Pier 3 Pier Table Stems & Mid-Diaphragm Completed

- ➔ Falsework Revisions Completed March 28, 2025
- ➔ Rebar & Forms Completed April 22, 2025
- ➔ Concrete Placed for Stems and Mid-Diaphragm April 23, 2025



Pier 3 Pier Table Deck Completed

- ➔ Falsework Revisions Completed May 22, 2025
- ➔ Rebar & Forms Completed June 15, 2025
- ➔ Concrete Placed for Deck and Upper-Diaphragm June 16, 2025



Pier 3 Pier Table Stripped and Prepped for MFT

- ➔ Pier Table Forms Removed July 8, 2025
- ➔ Pier Table Falsework Removed July 10, 2025



Pier 3 Modular Form Travelers (MFTs) Installation Completed



- ➔ MFTs Equipment Delivery January through July 2025
- ➔ MFTs Construction Started on North Trestle June 9, 2025
- ➔ MFTs Construction on Pier Table Started July 14, 2025
- ➔ MFTs Construction on Pier Table Completed August 5, 2025

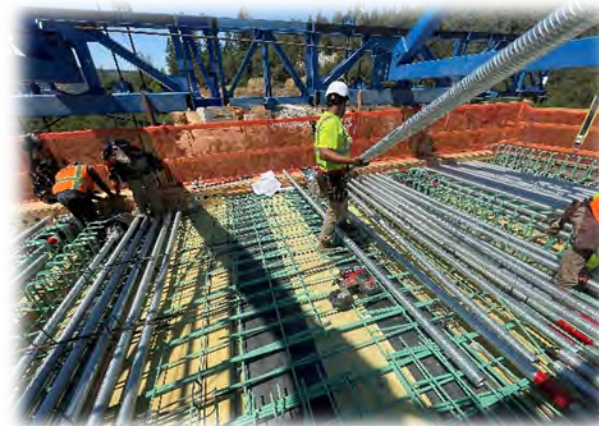


Mosquito Road Bridge – Project Update Town Hall Meeting

Pier 3 Segment Construction through P3-7E Completed (6-8 Day Cycle Goal)



- Segment P3-1E Began August 5, 2025
- Segment P3-1E Launch MFT to P3-2E August 21, 2025
- Segment P3-6E Began November 27, 2025
- Segment P3-6E Launch MFT to P3-7E November 3, 2025



Pier 3 Drainage System #6 (DS-6) Progress

- ➔ HDPE Pipe Welding Completed July 9, 2025
- ➔ Clearing for DS-6 Completed July 23, 2025
- ➔ DS-6a – DS-6c Installed July 24 - 31, 2025
- ➔ DS-6d – DS-6e Installed August 7, 2025



Pier 3 Sculpted Shotcrete for Foundation & Soldier Pile Retain Completed

- ➔ Drill & Bond Dowel into Foundation Began July 8, 2025
- ➔ Rebar & Scaffold Installation Began July 22, 2025 & September 29, 2025 (Intermittent)
- ➔ Sculpted Shotcrete Placed October 3 & 9, 2025
- ➔ Shotcrete Staining will Complete when Weather Conditions Allow





North Project Limits July 20, 2022

- ➔ North Tree Removals in Progress
- ➔ Begin Stage 0 North Bypass Road & Grading at BLM Staging Area





North Project Limits September 5, 2023

- ➔ Rock slope armoring, concrete ditches, DS5, and metal guardrail complete 7/31/23
- ➔ Abutment 4 / RW 4, backfill, and road base complete 9/19/23
- ➔ Pier 3 Retaining Walls complete 9/22/23



North Project Limits September 20, 2024



- ➔ Pier 3 CIDH Piles installation completed on 1/27/24
- ➔ Pier 3 Footing Pile Cap 1,100 CY concrete placed on 4/13/24
- ➔ Rock lined ditches, concrete ditches, DS4 & DS8, progress completion 8/3/24
- ➔ Pier 3 Column Lift 6 (out of 8) completed on 9/16/24



North Project Limits December 1, 2025



- ➔ Pier 3 Column Complete 1/27/24 / Pier Table Completed 4/13/25
- ➔ Segments P3-1E to P7-1E Completed 12/3/25
- ➔ Abutment 4 End Span Falsework Completed 8/3/24
- ➔ Drainage System #6 In Progress



Pier 2 & 3 Progress Looking Down River – November 25, 2024



Pier 2 & 3 Progress Looking Down River – January 10, 2025



Pier 2 & 3 Progress Looking Down River – May 8, 2025



Pier 2 & 3 Progress Looking Down River – July 8, 2025



Pier 2 & 3 Progress Looking Down River – July 18, 2025



Pier 2 & 3 Progress Looking Down River – August 15, 2025



Pier 2 & 3 Progress Looking Down River – November 24, 2025



Pier 3 Progress Drone Photo Looking Down River – November 11, 2025





Upcoming Operations & Schedule

December 4, 2025 – June/July 2026

- Complete Temporary Bracing Installation
- Complete Segments P2-5E to P2-16M / P3-7M to P3-16M
- Complete End Span Structures Constructed on Falsework
 - Complete Superstructure Closure Concrete Placements
 - Remove Temporary Bracing
- Complete Bridge Deck / Barrier Rails / Approach Slabs
- Complete Civil Work Drainage Systems / Approach Roadway / Utility Conduits & Vaults
 - Open Roadway and Bridge to Traffic



Anticipated Project Schedule

- 
- A wide-angle photograph of the Mosquito Road Bridge, a long concrete structure with multiple piers, spanning a deep, forested valley. The surrounding hills are covered in dense green vegetation, and the sky is clear and blue.
- Complete Pier 2 & 3 Temporary Bracing – January 2026
 - Complete End Span Superstructures – February 2026
 - Complete Piers 2 & 3 Segments – March 2026
 - Complete Closure Concrete Placements – March 2026
 - Remove Temporary Bracing – April 2026
 - Complete Bridge Deck Poly Overlay / Barrier Barriers / Approach Slabs – May 2026
 - Complete Civil Work Drainage / Approach Roadways / Utility Work – June 2026
 - Open Roadway to Traffic – June/July 2026

*Schedule subject to change based on site conditions, etc.

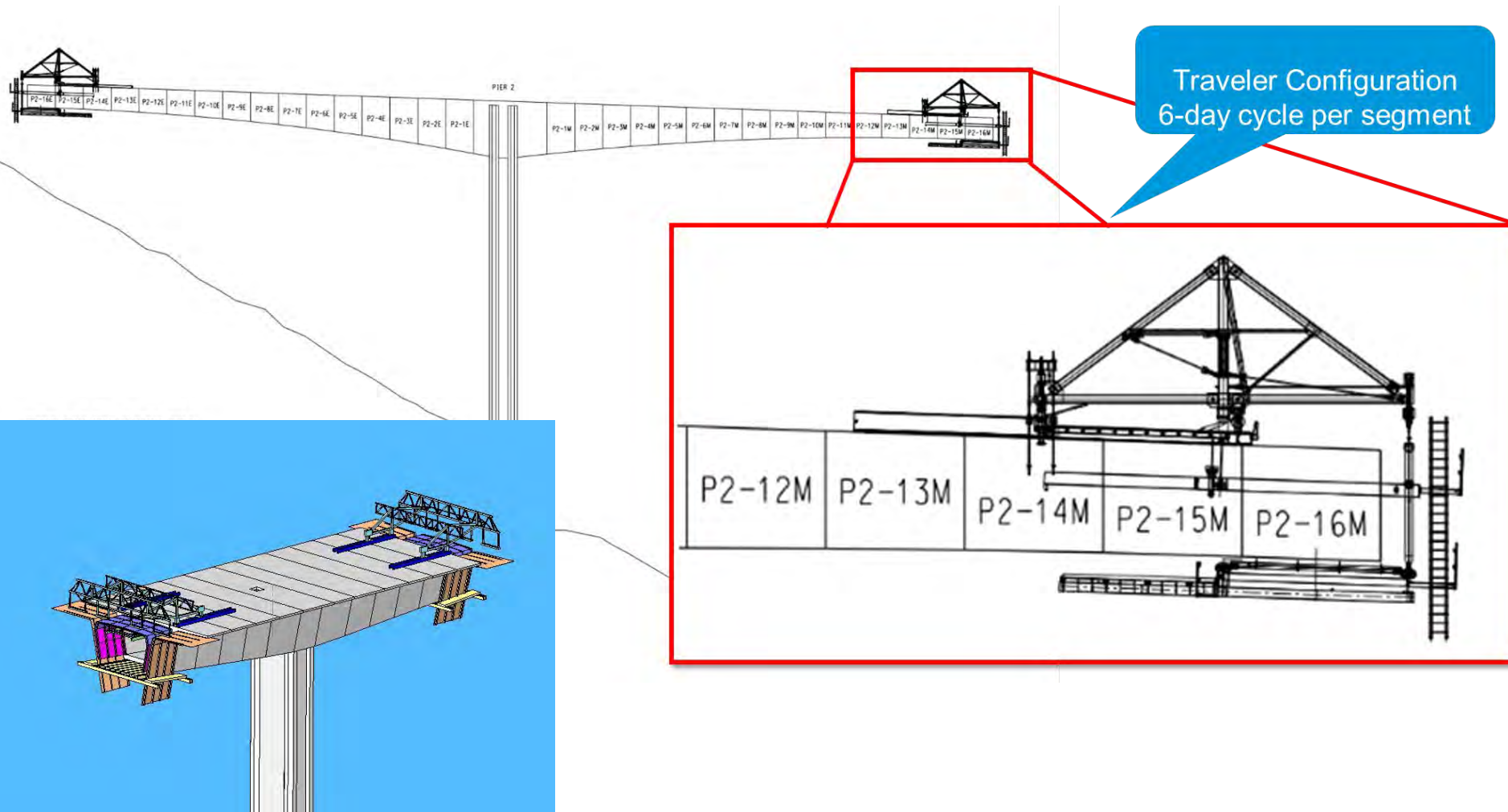
*Refer to County Project website for details:

<https://www.eldoradocounty.ca.gov/Land-Use/County-Projects/Bridge-Projects/Mosquito-Road-Bridge-Project/Mosquito-Road-Bridge-Project-Construction>



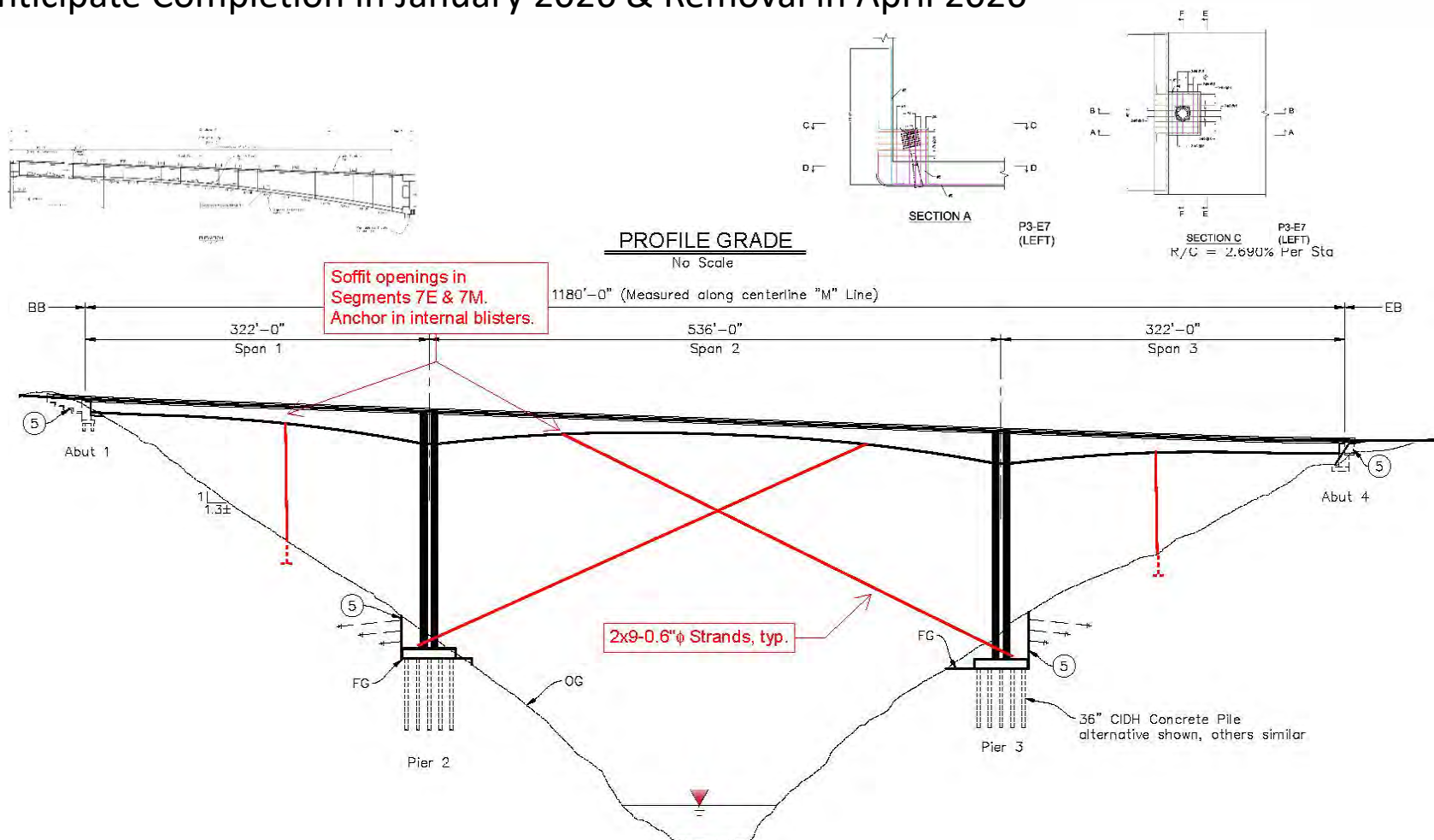
Ongoing Phases of Work – Bridge Super Structure Segments

→ Construct Segments Anticipate Completion by September 2025



Ongoing Phases of Work – Bridge Temporary Support Bracing

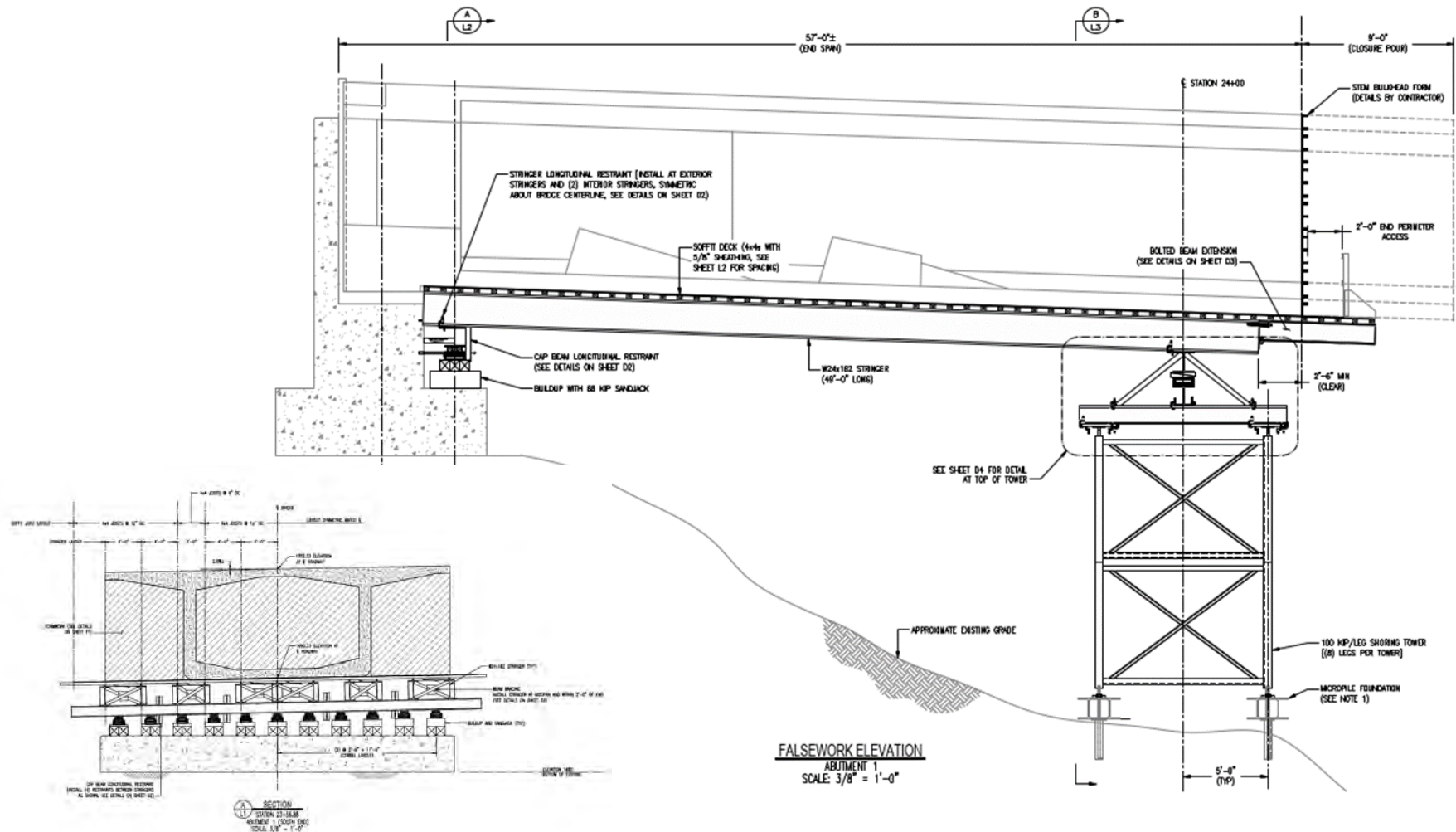
- Construct End Spans & Main Span Temporary Support Bracing to All 7th Segments - Anticipate Completion in January 2026 & Removal in April 2026





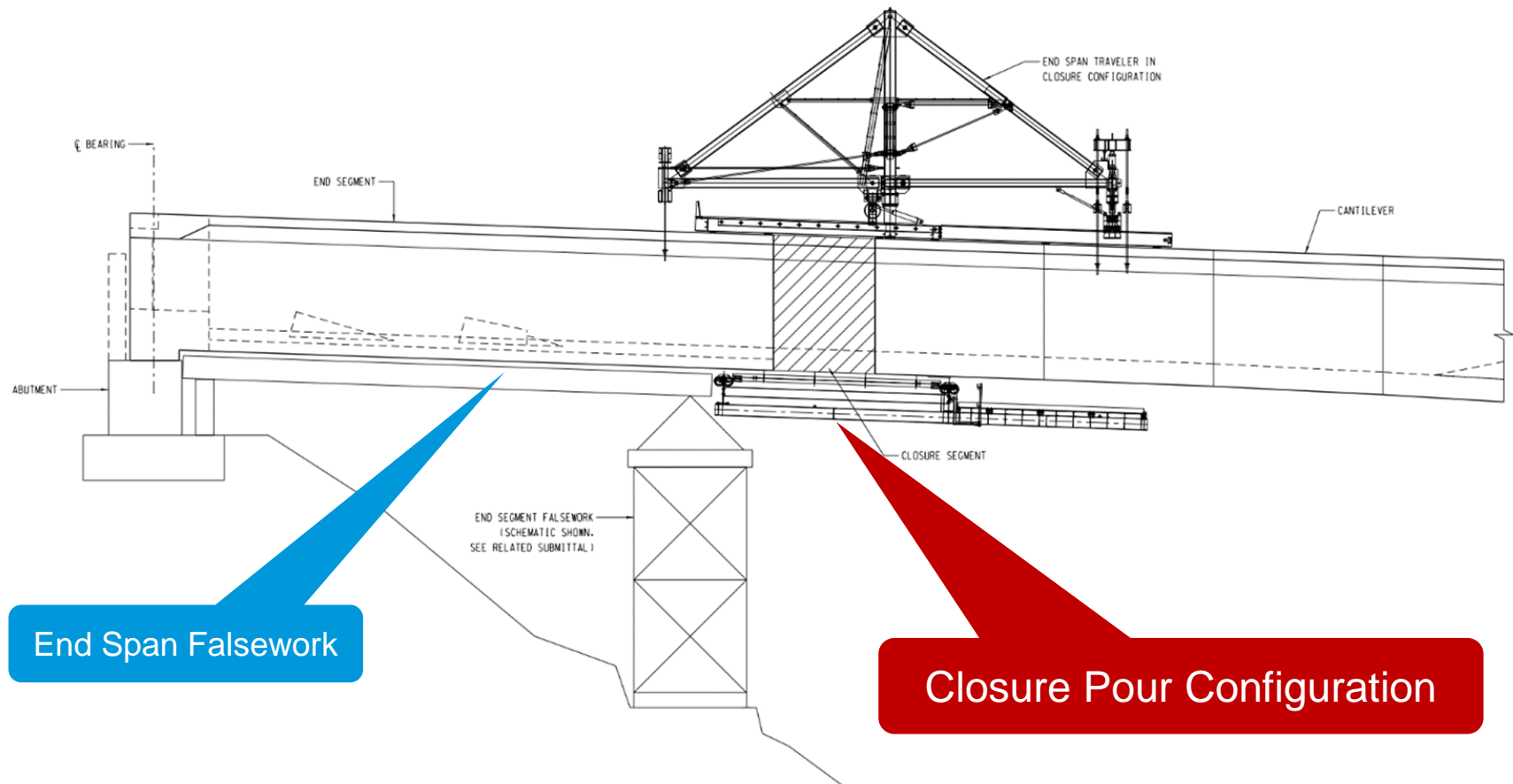
Ongoing Phases of Work – Bridge Super Structure Cast on Falsework

➔ End Span Falsework Completion by Summer of 2025



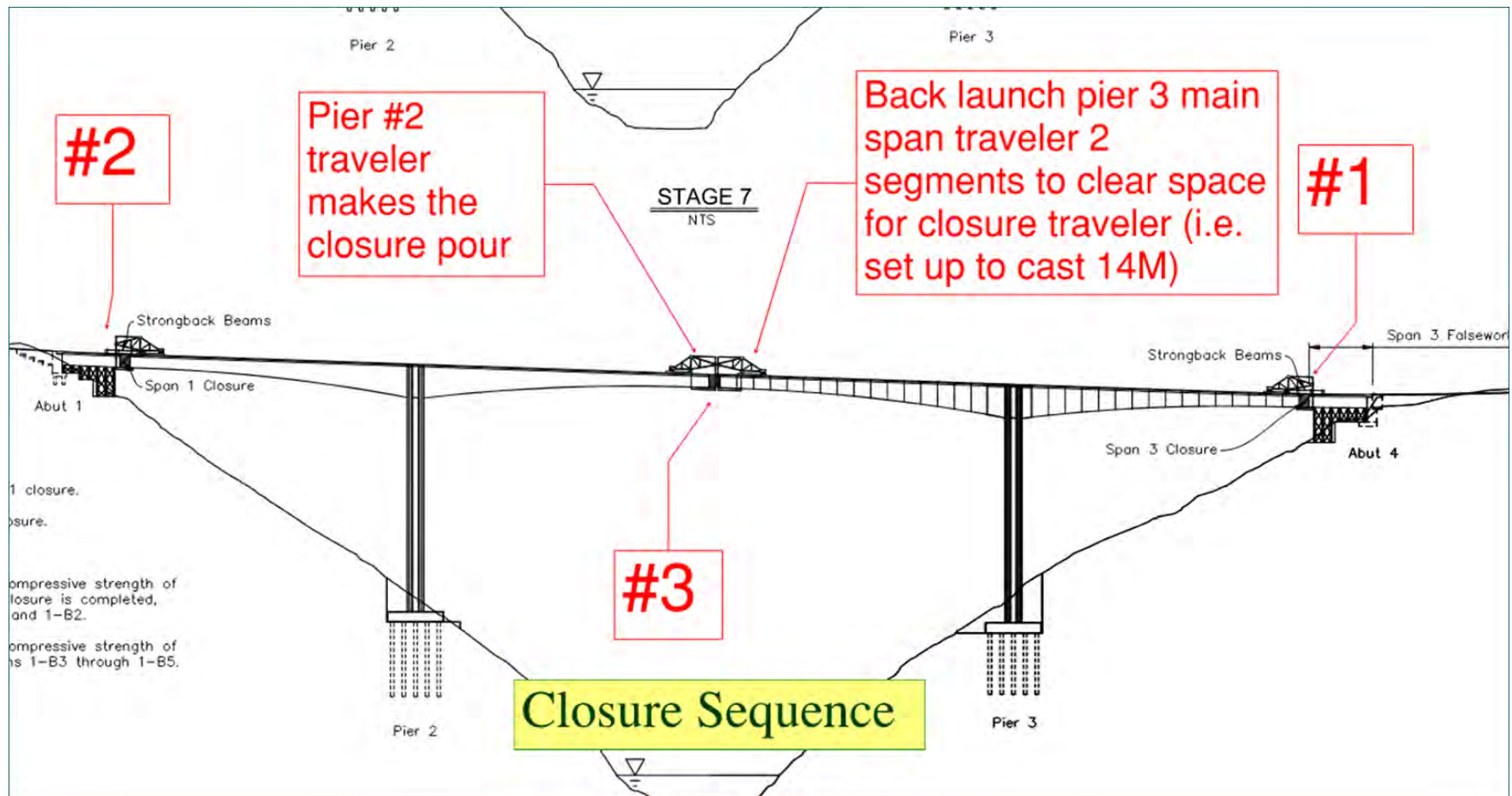
Next Phases of Work – Bridge Super Structure Closure Pours

- ➔ Construct Closure Pours Between Segments and Cast on Falsework - Anticipate Completion by November 2025



Next Phases of Work – Bridge Super Structure Closure Pours

- Three Total Closure Pours – One at Each End Span and One at Mid-Span





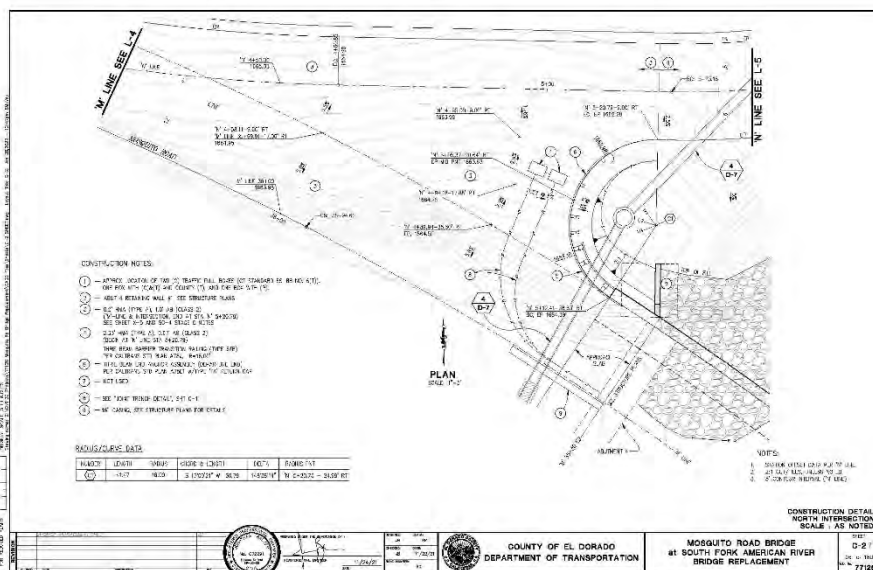
Next Phases of Work – Deck Poly Overlay / Bridge Barriers

- ➔ Bridge Edge of Deck Barriers Scheduled for March 2026
- ➔ Deck Poly Overlay Scheduled for April 2026



Next Phases of Work – Approach Slabs / Drainage Systems

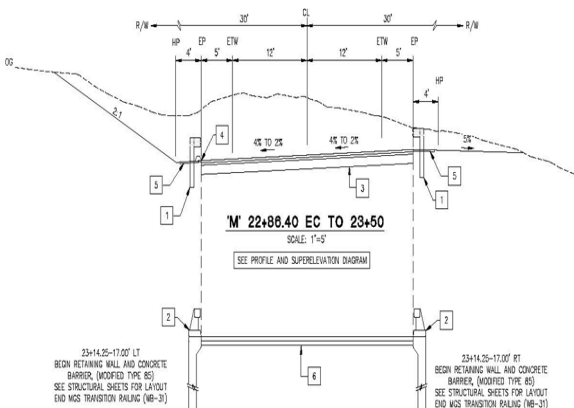
- ➔ Bridge Approach Slabs Scheduled for March 2026
- ➔ Approach Drainage Systems #1 - #3 Scheduled for April 2026





Next Phases of Work – Approach Roadways / Guard Rails

- ➔ South Approach Embankment Completion Scheduled for May 2026
- ➔ North and South Approach Roadway Paving Scheduled for June 2026





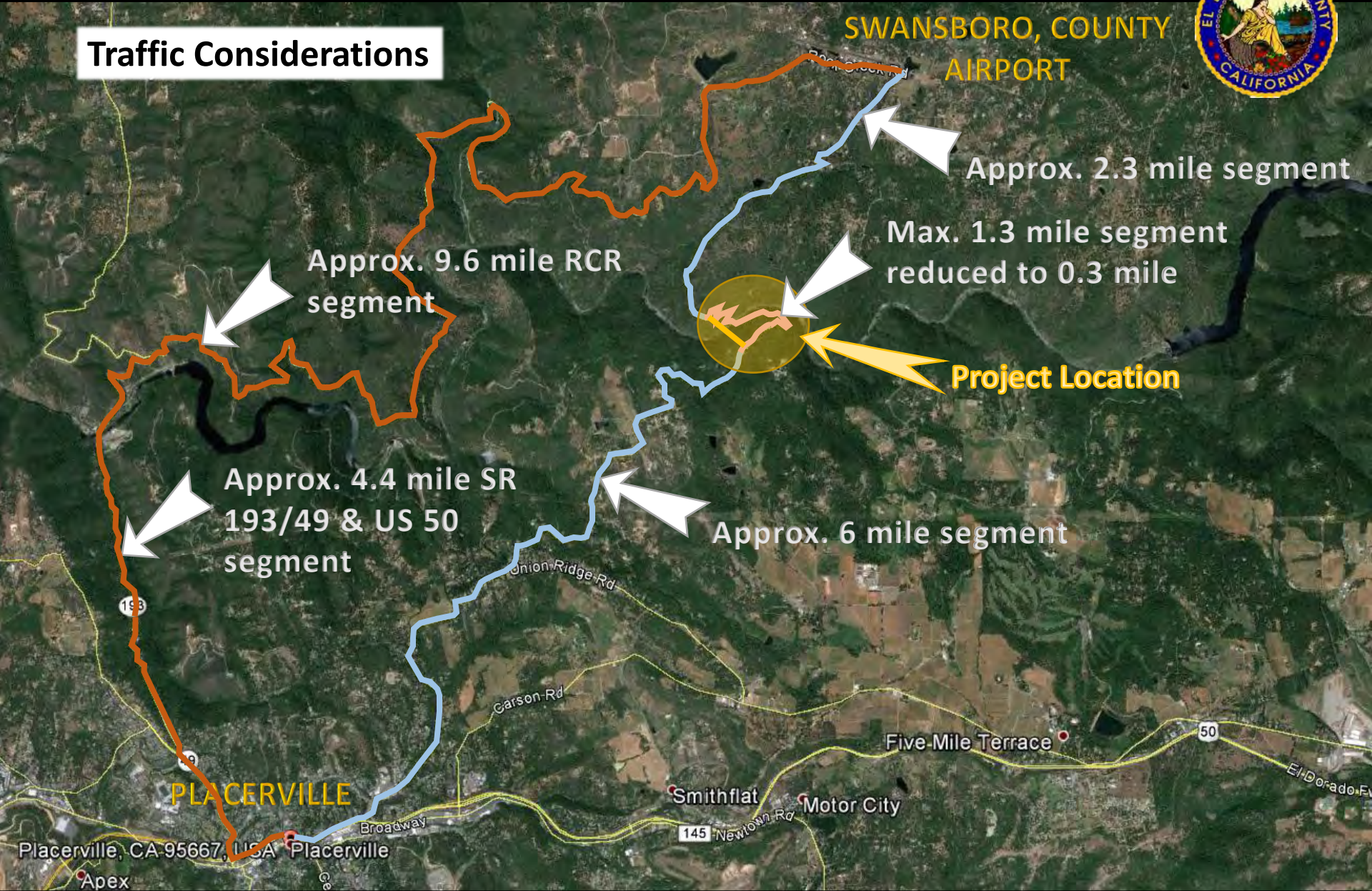
Traffic Considerations

- Late May 2026 to June/July 2026 Mosquito Road Closure while schools are out of session
- Large Rebar/Materials Loads, Concrete Truck Deliveries, Equipment/Materials Off-Hauls, Dump Trucks Hauling Fill & Asphalt Daily - Weekly continue through July 2026
- Intermittent Reversing Control & Flagging
- Coordination Efforts
 - PCMS Boards & Advanced Warning Signs
 - Public Notices & Updates
 - Project Website Quarterly Updates
 - Mosquito Fire Facebook
- Reduce Speeds, Watch for Signs, Yield for Pilot Vehicles, and Stop for Flaggers





Traffic Considerations



Public Outreach



➔ Refer to EDCGOV Project Website & Mosquito Fire Facebook for Updates:

<https://www.eldoradocounty.ca.gov/Land-Use/County-Projects/Bridge-Projects/Mosquito-Road-Bridge-Project/Mosquito-Road-Bridge-Project-Construction>

A screenshot of the El Dorado County Department of Transportation website. The header includes the El Dorado County logo, a search bar, and navigation links for Home, I Want To, Government, Doing Business, Living, Visiting, Emergency Services, Connect With Us, Phone Directory, Strategic Plan, and Transparent EDC. Below the header is a "Department of Transportation Menu" section. The main content area is titled "Department of Transportation" and "Mosquito Bridge Project". It includes a welcome message, a description of the project as a Highway Bridge Program (HBP) project eligible for federal funding, and a photo of the bridge under construction. To the right, there is a "Comments or Questions?" section with contact information: Online Form (Comment Form), Email (mosquitobridge@edcgov.us), Phone (530) 621-5900, Fax (530) 626-0387, and Mail (El Dorado County Transportation Division, Attn: Bridge Project Coordinator, 2850 Fairlane Court, Placerville, CA 95667). Below this is a "Subscribe to Mosquito Bridge News" button. At the bottom, there is a "What's New" section with a list of recent updates, including a public meeting on April 21, 2022, and a presentation to the Board of Supervisors to award RFP 20-961-081.



20 Minute Q&A



[Mosquito Road Bridge Project-Construction - El Dorado County \(ca.gov\)](https://www.ca.gov/mosquito-road-bridge-project-construction)