



# EL DORADO COUNTY

## DEPARTMENT OF TRANSPORTATION

<http://www.edcgov.us/DOT/>

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## Mosquito Road Bridge Replacement Project

### Department of Transportation Construction Update #2

### December 5, 2022

The Mosquito Road Bridge Replacement Project construction has been underway since July 2022. This is the second construction update for the community:

### September 2022

- Completed access roads on the south and north for Pier 2 and 3 construction access.
- Complete remaining tree removal and chipping for south access roads.
- Begin grading of drilling benches for temporary trestle foundations at Pier 2.
- Prepare for construction of temporary trestle for access to Pier 2 construction.
- Begin grading of drilling benches for access to Pier 3 temporary trestle foundations.
- Begin construction of Pier 3 access retaining walls on north Mosquito Road switchbacks.
- Complete clearing and preparation work for embankment fill at Drainage System 3 at the south approach.
- Continue flagging and piloting through the Project site for construction of Pier 3 access roads / trestle drill bench grading and access retaining walls on north Mosquito Road switchbacks.
- Continue installation of erosion control measures on cleared slopes, drainage courses, access roads, and staging areas.



South Approach / DS 3 Embankment Preparation



Pier 2 Trestle Drill Bench Grading



Pier 3 Access Retaining Wall Construction



Grading for Pier 3 Trestle Foundation Drilling Tables

## **October 2022**

- Continue grading of drilling benches for access to Pier 3 temporary trestle foundations.
- Continue flagging and piloting through the Project site for construction of Pier 3 access retaining walls on north Mosquito Road switchbacks.
- Begin construction of south approach fill for Drainage System 3.
- Complete installation of Drainage System 3 and rock armor lining for inlet and outfall.
- Complete installation of brow ditches and erosion control measures of Drainage System 3 slope.
- Continue installation of erosion control measures site wide.
- Complete site investigation for mobile concrete batch plant for concrete supply on the Project north of the American River.
- Install perimeter control ESA fencing, silt fence, and begin grading for batch plant construction near Finnon Lake.



South Approach / DS 3 Embankment Fill Progress



Pier 3 Trestle Pile Foundation Drilling



DS 3 Installation



DS 3 Outfall Rock Armoring Progress

## November 2022

- Begin excavation for construction of Abutment 1.
- Begin drilling and installation of Pier 2 trestle pile foundation.
- Complete base rock grading for access roads on the south and north for Pier 2 and 3 construction access.
- Complete installation and welding for Pier 3 trestle pile foundations.
- Begin installation of ground anchors / soil nails for Pier 3 permanent retaining walls.
- Install portion of Drainage System #5 on north Mosquito Road to improve drainage.
- Prepare for mobilization of temporary concrete batch plant equipment.
- Complete erosion control measures site wide on cleared slopes, drainage courses, access roads, and staging areas.
- Continue erosion control maintenance site wide.



Pier 2 Ground Anchor / Soil Nail Retaining Wall Access



Pier 3 Access Road and Erosion Control



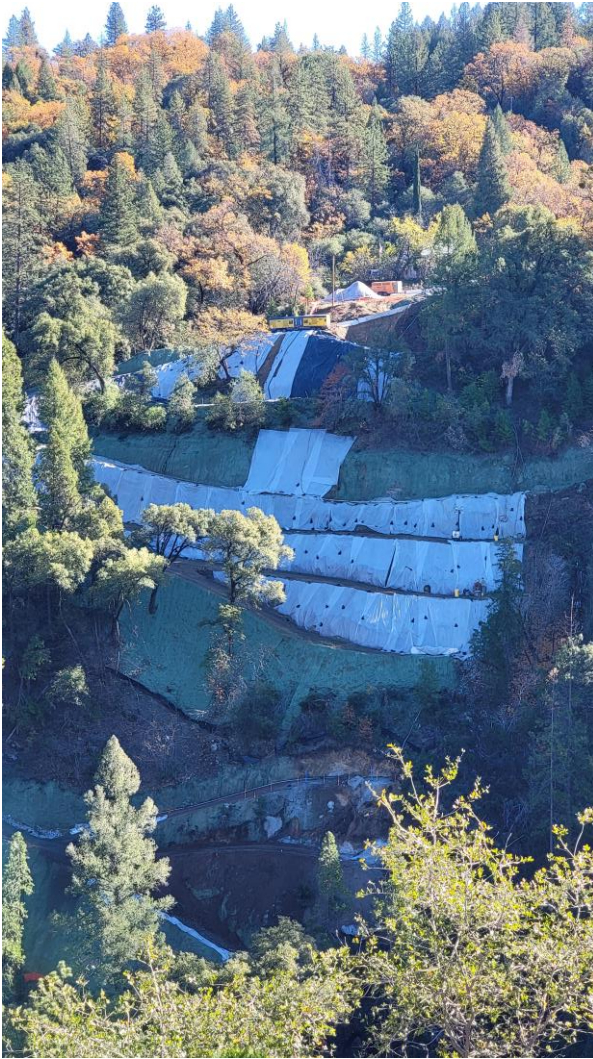
Site Wide Erosion Control Measures



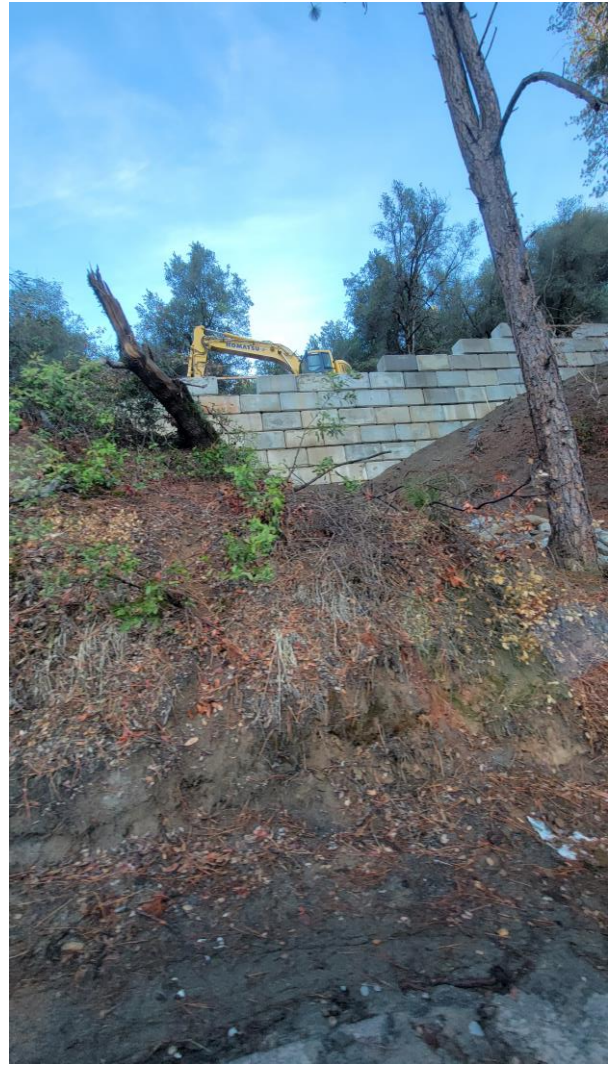
Pier 3 Ground Anchor Installation



Pier 3 Trestle Pile Foundation / Ground Anchor Drilling



Pier 2 Trestle Drill Benches & Erosion Control



Pier 3 Access Retaining Wall Progress on Mosquito Road

### **December 2022 Scheduled Work**

- Complete Pier 2 trestle pile foundations
- Begin Pier 2 ground anchor / soil nail installation for permanent retaining walls.
- Begin Pier 3 trestle superstructure and decking.
- Continue Pier 3 ground anchor / soil nail installations for permanent retaining walls.
- Complete Pier 3 access retaining walls on north Mosquito Road.
- Continue access road construction across south Drainage System 3 embankment fill.
- Complete mobilization and installation of temporary concrete batch plant equipment.
- Continue maintenance of storm water erosion control measures.
- Complete daily flagging and piloting of vehicles through the Project site.
- Begin intermittent flagging and traffic control for equipment and materials deliveries.
- Continue receiving Project equipment and materials.