



EL DORADO COUNTY

DEPARTMENT OF TRANSPORTATION

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Mosquito Road Bridge Replacement Project

Department of Transportation Construction Update #3

March 16, 2023

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

December 2022

- Continued weathering the storms (21.7" of rain to date through December, only 13 days worked due to weather).
- Continued sampling and testing storm water run-off from site with no numeric action levels (NAL) exceedance (jobsite in compliance).
- State Water Quality Control Board site inspection on December 8, 2022 – site in compliance.
- Continued maintenance of storm water erosion control measures site wide.
- Continued Pier 2 temporary trestle foundation construction.
- Continued Pier 2 inclinometer installation to monitor for slope movement during retaining wall (RW) installation.
- Continued Pier 3 structure excavation / ground anchor & soil nail installations / shotcrete for permanent retaining walls (rows 13 to 11).
- Monitored Pier 3 inclinometers – no slope movement.
- Completed Ultra Block retaining walls on Mosquito Road for north access.
- Completed daily traffic control piloting through the jobsite on December 21, 2022.
- Completed concrete batch plant equipment mobilization.
- Continued concrete batch plant installation.



12/08/22 - Water Quality Control Board Inspection



12/9/22 - Pier 3 Rows 13 & 12 Trestle RW Shotcrete



12/21/22 - Pier 3 Row 11 RW Anchor Drilling



12/23/22 - Batch Plant Equipment Mobilization Complete

January 2023

- Continued weathering the storms (32.0" of rain to date through January, only 9 days worked due to weather).
- Continued sampling and testing storm water run-off from site with no NAL exceedance (jobsite in compliance).
- Continued maintenance of storm water erosion control measures site wide.
- Began Pier 2 structure excavation / ground anchor & soil nail installations / shotcrete for permanent retaining walls (row 11).
- Continued Pier 2 temporary trestle foundation construction.
- Continued Pier 3 structure excavation / ground anchor & soil nail installations / shotcrete for permanent retaining walls (row 11).
- Monitored Pier 3 inclinometers – no slope movement.
- Began Pier 3 trestle decking.
- Concrete batch plant certified on January 25, 2023.
- Began concrete trial batches at concrete batch plant.
- Began supplying north shotcrete operation with batch plant concrete.



1/9/23 - Pier 3 Trestle Prior to Decking – Rain Day



1/20/23 - Pier 3 Trestle Bracing Installation



1/23/23 - Pier 3 Trestle Began Decking



1/23/23 - Pier 3 Row 11 RW Placed Structural Rebar

February 2023

- Continued weathering the storms (37.5" of rain to date through February, only 14 days worked due to weather).
- Snow on jobsite in late February.
- Continued sampling and testing storm water run-off from site with no NAL exceedance (jobsite in compliance).
- Continued maintenance of storm water erosion control measures site wide.
- Continued Pier 2 temporary trestle foundation construction.
- Continued Pier 3 structure excavation / ground anchor & soil nail installations / shotcrete for permanent retaining walls (rows 10 to 9).
- Monitored Pier 3 inclinometers – no significant slope movement.
- Completed Pier 3 trestle decking and handrails.
- Continued trial batch concrete & concrete supply to north shotcrete operation from batch plant.



2/6/23 - Pier 3 Trestle Decking and Handrails Complete



2/6/23 - Pier 3 Row 10 RW Structure Excavation



2/6/23 - Pier 3 Row 10 RW Structure Excavation



2/13/23 - Pier 2 Trestle Foundation Drilling



2/14/23 — Pier 2 Row 10 RW Structure Excavation



2/24/23 - Pier 3 Row 9 / Snow on Site

March - June 2023 Anticipated Work

- 121 of 700 Project working days complete through the update date.
- Continue weathering the storms (42.6" of rain, only 4 days worked due to weather through the update date).
- Snow at jobsite in early March.
- Continue storm water quality monitoring and testing.
- Continue maintenance of storm water erosion control measures.
- Continue access road construction across Abutment 1 approach / south Drainage System 3 embankment fill.
- Begin Abutment 1 construction.
- Continue Pier 2 structure excavation / ground anchor & soil nail installations / shotcrete for permanent retaining walls (row 11 down).
- Complete Pier 2 temporary trestle foundation construction.
- Complete Pier 3 structure excavation / ground anchor & soil nail installations / shotcrete for permanent retaining walls (rows 9 to 1).
- Continue to monitor Pier 2 & 3 inclinometers.
- Begin Abutment 4 and retaining wall construction.
- Continue supplying north Project with batch plant concrete.
- Close Mosquito Road at the gates for two days for crane mobilization and erection.
- Mobilize and erect lattice boom crane for Pier 3 construction support.
- Close Mosquito Road at the gates for construction while school is not in session.
- Public traffic control announcements, CMS boards, website, social media pages will update the public with a two week notice once the dates are determined. Closures will be during weekend or school breaks when schools are not in session.
- Continue intermittent flagging and traffic control for equipment and materials deliveries.
- Continue receiving Project equipment and materials.



3/3/23 - Batch Plant Production for Pier 3 Shotcrete



3/3/23 - Pier 3 Row 9 Shotcrete Placement



3/3/23 — Pier 3 Access Erosion Control Maintenance



3/3/23 - Pier 2 Access Erosion Control Maintenance