

Final Project Completion Report

Project Name and Number: **Zone "D" Reservoir Erosion Control Plan, #4204**

Description: The Zone “D” reservoir has experienced erosion damage caused by storm water accumulating on top of the reservoir and creating ruts as it flows down the slopes of the reservoir. This results in the protective cobble and underlying soil to wash down the slopes, plug the drainpipes, and create issues with the roadways, electrical boxes, and vaults on the site. This project solved these issues by installing water lines to direct water from the reservoir roof deck to four new drainpipes and conveying the water to the on-site storm water conveyance system. Work included modifications to electrical boxes to prevent damage to electrical equipment in the boxes and the vaults.

District Project Manager: Conor Tyson

Engineer: Hansen, Allen, and Luce	Design Status: 100%
Original Engineering Contract Amount:	\$19,100
Final Engineering Contract Amount:	\$19,100

Contractor: Tribal Construction	Construction Status: 100%
Original construction contract amount:	\$92,127
Total Change Order amount:	\$22,128
Final construction contract amount:	\$114,255
Total change orders as a percentage of original contract:	24.0%
Completion Schedule:	
Notice to Proceed:	8/18/2023
Final Completion:	1/16/2024

Summary of Change Orders:		
	Description	Amount
1	Install New rock on top of pipes	\$23,125
2	Credit for unused rock	-\$997
	Total Change Order Amount:	\$22,128

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Electrical Box raised to prevent flooding inside



Riprap placed in channel around reservoir



Trench on top of reservoir for new piping



New drainage piping, wrapped in fabric, with new gravel on top



New gravel on top of new piping



Drainage pipe at bottom corner with new riprap