

Final Project Completion Report

Project Name and Number: Southwest Aqueduct Reach 1 - 4038

Description: The Southwest Aqueduct (SWA-1) is a 66" welded steel pipeline which parallels Jordan Aqueduct (JA-1) from the Utah Lake Distributing Canal to Jordan Valley Water Treatment Plant (JVWTP). SWA-1 provides water to JVWTP for redundancy and future expansion. The project also included modifications at the Point of the Mountain and Jordan Narrows Pump Station facilities and a new flow control vault. The combined capacity of SWA-1 and JA-1 is 255 MGD.

District Project Manager: Travis Christensen

Engineer:	Bowen Collins & Associates	Design Status: 100%
Original Engineering Contract Amount:		\$1,006,494
Final Engineering Contract Amount:		\$1,366,669

Contractor:	COP Construction	Construction Status: 100%
Original construction contract amount:		\$16,000,000
Total Change Order amount:		-\$125,530
Final construction contract amount:		\$15,874,470
Total change orders as a percentage of original contract:		-0.8%
Completion Schedule:		
Notice to Proceed:		March 12, 2018
Final Completion:		February 7, 2020

Summary of Change Orders:		
	Description	Amount
1	Deduct 90" bypass and portion of access road, vault hatch and piping modifications.	-\$241,785
2	Deduct JA-4 blowoff, removal of debris and pipe encasement, and PRWUA pipe coating.	\$30,939
3	PRWUA license agreement for removal of the 48" penstock.	\$0
4	JVWTP reservoir pipe encasement and concrete liner for the Welby Canal.	\$37,799
5	Unanticipated site dewatering and butt strap of JVWTP piping.	\$13,315
6	Fiber and electrical repair and miscellaneous vault and piping modifications.	\$28,887
7	Vault waterproofing, additional fill, electrical equipment modifications.	\$39,616
8	Century Link delay claim at Redwood Road crossing.	\$34,026
9	Asphalt patch, JNPS piping inspection and miscellaneous modifications.	\$15,512
10	Install bollards, raise manholes, modify test stations, and painting.	\$16,720
11	Deduct unused trench stabilization material, road base, and utility relocation allowance.	-\$100,559
	Total Change Order Amount:	-\$125,530

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Installation of 66" mainline steel pipe located between Redwood Road and Porter Rockwell Boulevard



JVWTP SWA-1 connection vault



POTM new standpipe during construction



JNPS flow control valves