

Final Project Completion Report

Project Name and Number:

Southwest Aqueduct Reach 2, #3548

Description: The project generally includes construction of approximately 10,150 feet of 66-inch welded steel pipe along 3200 West from the Jordan Valley Water Treatment Plant (JVVTP) to 13400 South, and reconstruction of 3200 West road, including portions of curb, gutter, and sidewalk improvements from the Welby Jacob Canal to 14400 South. The pipeline extends through Herriman, Bluffdale and Riverton.

Engineer:	Bowen Collins & Associates, Inc.	Design Status: 100%
Original Engineering Contract Amount:		\$611,985
Current Engineering Contract Amount:		\$868,951

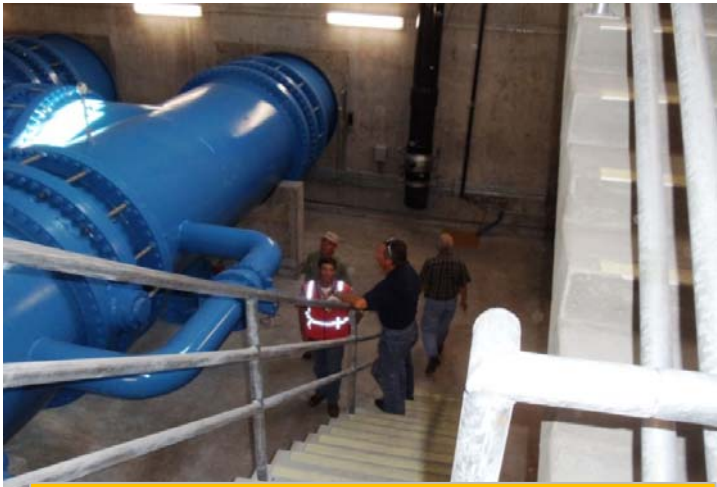
Contractor:	Allied Construction	Construction Status: 100%
Original construction contract amount:		\$9,286,532
Total Change Order amount:		\$143,265
Current construction contract amount:		\$9,429,797
Total change orders as a percentage of original contract:		1.5%

Summary of Change Orders:		
	Description	Amount
1	Increase irrigation line to 12", reimbursed by Bluffdale City	\$34,199
2	Add a row of buried pipe warning tape & relocate Bluffdale water line	\$9,395
3	Changes to 3200 W improvements requested and reimbursed by Bluffdale City	\$5,149
4	Irrigator share of irrigation improvements - half the cost to slip line the existing CMP with 12 inch HDPE pipe from the Vera Pump House to 15000 S 3200 W to be reimbursed by applicable irrigators.	\$20,319
5	JV share of irrigation improvements - half the cost to slip line the existing CMP with 12 inch HDPE pipe from the Vera Pump House to 15000 S 3200 W; Install 12 inch HDPE irrigation pipe from 15000 S 3200 W; Replace 50 feet of 10 inch PIP with C909 pipe, Install fitting and turnout to Vera Pump House	\$32,065
6	Delete one of three tape wrap layers, replace 72" valve with a spool, modify piping at Reverton connection, modify 14400 S interconnection, re-route 6 inch sewer at Welby Canal, loop 20" irrigation line	(\$4,650)
7	Repair damaged irrigation pipe at 13400 S, replace 12" water line, change in pig launch flange, modify catch basin, add curb and gutter	\$12,777

8	Remove thrust block & repair leak at Riverton turnout; Repair leaks in the existing Jordan Aqueduct at JWVTP site (cost removed from the SWA contract by C.O. 11)	\$31,259
9	Repair leaks in Jordan Aqueduct RCP pipe at the JWVTP site (cost removed from the SWA contract by C.O. 11)	\$47,936
10	Repair Trification leak, replace nylon bushings with stainless steel bushings, install road base at the Herriman Meter Vault, install a fire hydrant off the Zone B pipe line	\$14,128
11	Remove Jordan Aqueduct pipe repair from SWA contract (paid by maintenance budget)	(\$72,901)
12	Changes in vault construction: add dowels at trification connection, add waterproofing membrane at Zone B PS, repair wall in Zone B PS, changes in concrete slab at the pig launch, install grab bars at meter vaults, additional meter display in JWVTP; loop 12" irrigation line	\$19,914
13	Reconciliation of constructed quantities (reduce quantities of asphalt mill & overlay, trench stabilization material, 1-1/2" asphalt overlay)	(\$6,325)

TOTAL CHANGE ORDER AMOUNT: \$143,265

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Interior of JA and SWA Interconnection Vault at JWTP



Top deck reinforcement at the 13400 South Vault



Tying wall reinforcement at JWTP vault



JA and SWA interconnection at JWTP



3200 W trench box



Pipe laying in trench box



Open field trench north of 14400 South