

Final Project Completion Report

Project Name and Number: Jordan Narrows Improvements II Project, #4007

Description: The project includes improvements to the Jordan Narrows Pump Station (JNPS) in Bluffdale and modifications to a blow-off on Jordan Aqueduct Reach 4 in Pleasant Grove. This includes: A) renovation of traveling water screening; B) upgrades to floating debris boom; C) install 54-inch magnetic flow meter; D) connect & modify new potable water supply for JNPS; E) surface preparation and recoating of equipment, floors, and piping; F) new access ladders and hatches; and, H) modify blow-off on Jordan Aqueduct Reach 4.

District Project Manager: Frank Roberts

Engineer:	Bowen, Collins & Associates	Design Status: 100%
Original Engineering Contract Amount:		\$49,024
Current Engineering Contract Amount:		\$93,977

Summary of Engineering Amendments:		
<u>Description</u>		<u>Amount</u>
1 Structural and specialty engineering design services for vaults and traveling water screens.		\$13,582
2 Add additional hatches, ladders, and painting into the design specifications and drawings.		\$6,898
3 Add construction management to the contract.		\$10,713
4 Additional construction management required for project close out.		\$8,831
5 Structural design for vault hatch support.		\$4,929
	Total Amendments Amount	\$44,953

Contractor:	VanCon, Inc.	Construction Status: 100%
Original construction contract amount:		\$512,300
Total Change Order amount:		\$101,677
Current construction contract amount:		\$613,977
Total change orders as a percentage of original contract:		19.8%
Completion Schedule:		
Notice to Proceed:		5/23/2016
Final Completion:		6/15/2017

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Summary of Change Orders:

<u>Description</u>	<u>Amount</u>
1 Additional chain for the traveling water screens.	\$13,712
2 4" bypass valves and piping for pipeline filling, pump cooling water, and screen backwash.	\$15,116
3 Add larger and more durable hatch for plunger valve vault.	\$26,397
4 Electrical & piping modifications for larger hatch openings.	\$6,478
5 Painting of piping and floors in screening room, seal coat all floors, and replace floor grating.	\$33,239
6 Surge and plunger vault modifications.	\$6,735
Total Change Order Amount:	\$101,677

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Pleasant Grove blowoff & ditch lining



New JNPS floating debris screen



Jordan Narrows Pump Station new access hatches and newly sealed floor