

Final Project Completion Report

Project Name and Number: **Flow Control and Meter Station at 7800 South 1000 East, #4046**

Description: Design and construction of a wholesale meter station for Midvale City at 7800 South 1000 East. The meter station will allow Midvale City to take over part of the District's retail service area within Midvale. The project also included piping improvements at the site and a pressure sustaining valve to provide energy savings to the District.

District Project Manager: **Kevin Rubow**

Engineer:	Hansen, Allen & Luce	Design Status: 100%
Original Engineering Contract Amount:		\$89,490
Final Engineering Contract Amount:		\$123,274

Summary of Engineering Amendments:		
	<u>Description</u>	
1	Design services for a new access road to the site.	\$5,789
2	Additional engineering and construction management services.	\$27,995
	Total Amendments Amount:	\$33,784

Contractor:	Vancon, Inc	Construction Status: 100%
Original construction contract amount:		\$1,070,925
Total change order amount:		\$147,543
Current construction contract amount:		\$1,218,468
Total change orders as a percentage of original contract:		13.8%
Completion Schedule:		
	Notice to Proceed:	3/7/2018
	Final Completion:	2/11/2019

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Summary of Change Orders:

	Description	Amount
1	Replace existing storm drain.	\$2,715
2	Replacement of vault access hatch.	\$2,903
3	Abandonment of 14" pipeline.	\$4,856
4	Installation of flanged 45-degree bends.	\$7,269
5	Piping abandonment at the 7900 South valve vault.	\$13,519
6	Additional labor cost due to night work for connection to Midvale, installation of 14" valve, and utility conflicts.	\$12,190
7	Landscape improvements.	\$3,636
8	Relocation of air-vac vents on vault piping.	\$4,114
9	Installation of 15" storm drain pipe and catch basin.	\$6,949
10	Installation of a man-way access on the pipeline.	\$9,886
11	Modification to the connection detail on the 30" and 12" pipeline.	\$28,600
12	Relocation of sewer laterals.	\$17,057
13	Installation of cast-in-place vault for the 30" connection.	\$11,588
14	Replacement of existing corroded piping.	\$5,264
15	Changes due to underground utility conflicts.	\$8,948
16	Additional asphalt restoration due to utility conflicts.	\$8,049
	Total Change Order Amount:	\$147,543

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Connection to Existing Pipeline



Pipe Placement



Vault Floor



Flow Control & Meter Station Vault



16-inch, 14-inch, & 30-inch Pipelines



Completed Vault Piping