

Final Project Completion Report

Project Name and Number: 2017 Distribution Pipeline Replacement, #4035

Description: Design and replacement of distribution pipelines located with the Granite Park retail system near 4500 South and 700 East. The project consisted of the replacement of approximately 15,000 feet of cast iron pipe which was installed in the 1960's and has reached the end of its serviceable life. New 8" C-900 PVC water mains, gate valves, and new fire hydrants were installed with this project.

District Project Manager: Kevin Rubow

Engineer:	JVWCD Staff	Design Status: 100%
Original Engineering Contract Amount:	Not applicable	
Current Engineering Contract Amount:	Not applicable	

Utilities and Survey Engineer:	Horrocks Engineers	Design Status: 100%
Original Engineering Contract Amount:		\$70,103
Current Engineering Contract Amount:		\$81,347

Summary of Engineering Amendments:		
<u>Description</u>		<u>Amount</u>
1 Additional utility locating and surveying.		\$11,244
	Total Amendments Amount	\$11,244

Contractor:	R.D.J. Construction, Inc.	Construction Status: 100%
Original construction contract amount:		\$2,221,819
Total Change Order amount:		-\$449,078
Final construction contract amount:		\$1,772,741
Total change orders as a percentage of original contract:		-20.2%
Completion Schedule:		
	Notice to Proceed:	5/23/2017
	Final Completion:	5/24/2018



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Summary of Change Orders:

	Description	Amount
1	Replacement of existing retail meter boxes which are experiencing age related failure.	\$2,250
2	Additional costs to perform the 700 East and Malibu Drive waterline shutdown at night, to accommodate the businesses and keep them in service during normal business hours.	\$3,100
3	Changes due to unforeseen underground utility conflicts for the pipeline replacement along 700 East.	\$14,500
4	Reconcile unused work and material quantities such as asphalt pavement, flowable fill, water line loops, concrete curb and panel replacements, copper water service extensions, and additional water line appurtenances. The contractor was able to maintain a narrower than anticipated trench; minimal field conflicts were encountered for the pipeline project resulting in substantial savings in quantities for the asphalt restoration and the need for unanticipated water line loops, making the project a great value for the District.	-\$468,928
Total Change Order Amount:		-\$449,078

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