

Final Project Completion Report

Project Name and Number: 4500 South Waterline Improvements, #3931

Description: Upgrades to the 4500 South 24-inch pipeline. The upgrades include construction of a new isolation vault and PRV station and the renovation of two existing isolation vaults.

Engineer:	CRS Engineers	Design Status: 100%
Original Engineering Contract Amount:		\$42,898
Current Engineering Contract Amount:		\$76,014
Summary of Engineering Amendments:		
	Description	Amount
1	Addition of potholing utilities for the Main Street 4500 South vault and additional concrete design for the 900 East 4500 South vault.	\$8,416
2	Relocation of the 500 West 4500 South vault to the South East corner of the intersection to avoid UDOT intersection work.	\$7,500
3	Addition of construction management and submittal review to the project scope.	\$11,000
4	Easement identification and documentation of 24-inch pipeline crossing Eagle Hardware property at 4500 South 500 West and preparation of record drawings.	\$6,200
	Total Change Order Amount:	\$33,116

Contractor:	Whitaker Construction Company	Construction Status: 100%
Original construction contract amount:		\$1,120,600
Total Change Order amount:		-\$40,006
Current construction contract amount:		\$1,080,594
Total change orders as a percentage of original contract:		-3.6%
Completion Schedule:		
	Notice to Proceed:	2/2/2015
	Final Completion:	3/8/2016

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Summary of Change Orders:		
	Description	Amount
1	Move 4500 South 500 West vault location 15 feet east to avoid UDOT intersection work, modify waterline profile to loop over sanitary sewer, and add air vacs inside the vault.	\$44,948
2	Additional pothole work and MCI utility relocation for the Main Street 4500 South vault.	\$6,849
3	Removal and reconstruction of deteriorating lid for the 900 East 4500 South vault.	\$4,979
4	Addition of breakaway bolts to the air vac vent pipes for the Murray Holladay Road 1300 East vault.	\$1,000
5	Additional pothole work at 500 West 4500 South to determine the exact tie in location for the new waterline.	\$3,820
6	Removal of vault work at 2500 West 4400 South, 3600 West 4400 South, and 4800 West 4400 South from the project scope.	-\$107,600
	Total Change Order Amount:	-\$46,004

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500 West 4500 South PRV vault rebar installation



500 West 4500 South finished PRV vault



900 East 4500 South installation of new main line valve

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900 East 4500 South repair of roadway above new concrete deck lid



Main Street 4500 South new isolation valve and rebar installation



Main Street 4500 South new concrete vault

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Murray Holladay Road 1300 East new piping being installed



1175 West 4400 South vault in original condition



1175 West 4400 South vault landscape improvements