

Final Project Completion Report

Project Name and Number: **Distribution Pipeline Replacements - Murray & Holladay**

Description: Construction of approximately 5 miles of 8-inch to 12-inch plastic water pipe, including mainline connections and services. Pipeline segments are located in District retail service areas and require frequent age or corrosion related repairs. Replacements segments are as follows:

- Along 1300 East from 5600 South to 6400 South in Murray, Utah.
- Along Hyland Lake Drive from 5700 South to 1300 East in Murray, Utah.
- Along Wallace Lane from Branch Drive to Stratton Drive in Holladay, Utah.

Engineer:	Stantec Consulting	Design Status: 100%
Original Engineering Contract Amount:		\$394,182
Current Engineering Contract Amount:		\$492,401

Contractor:	Noland & Son Construction, Inc.	Construction Status: 100%
Original construction contract amount:		\$1,284,850
Total Change Order amount:		-\$1,488
Current construction contract amount:		\$1,283,362
Total change orders as a percentage of original contract:		-0.1%

Summary of Change Orders:		
	Description	Amount
1	Modification of the connection to the existing waterline on 1300 East 5600 South	\$21,943
2	New fire line and connection to an elementary school under constructor	\$7,510
3	Delay time during construction due to unexpected subsurface utility conflicts	\$14,570
4	Construction of an 8-inch distribution replacement pipeline along 5750 South from 920 East to Lakeside Drive	\$106,499
5	Increase from 5.5-foot to 7-foot hydrants due to a storm drain conflict Additional air vac and waterline loop Additional mainline gate valves on Hyland Lake Drive	\$35,076
6	Increase in pipe depth due to unknown storm drain and irrigation line	\$9,190
7	Replacement of 180 linear feet of waterline on 985 East Hyland Lake Drive	\$12,800
8	Repair of a waterline leak encountered at Lupine Way and Hyland Lake Drive	\$4,654
9	Flowable fill to cross unknown sewer laterals as required and approved by the State.	\$26,820
10	Reconciliation of Quantities	-\$240,549

TOTAL CHANGE ORDER AMOUNT: (\$1,488)

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Pipeline construction on 1300 East near Cottonwood High School



Typical fire hydrant assembly and installation



Installation of a Tee and 8-inch gate valve to tie to a mainline connection.



Asphalt trench restoration