

Final Project Completion Report

Project Name and Number: 2022 Distribution Pipeline Replacements - Redmaple Area, #4225

Description: The pipelines in the Redmaple Road area in Millcreek City were cast iron or asbestos cement pipelines constructed in the 1950's and 1960's. These pipelines had been experiencing high levels of waterline breaks. This project replaced these pipelines with new 8-inch C900 PVC pipelines along with new valves, hydrants, meter setters, and meter boxes. This work included restoration of the existing roadways disturbed by the project.

District Project Manager: Conor Tyson

Engineer: JWCD Staff	Design Status: 100%
Original Engineering Contract Amount:	N/A
Final Engineering Contract Amount:	N/A

Contractor: Noland and Son Construction	Construction Status: 100%
Original construction contract amount:	\$1,970,932
Total Change Order amount:	-\$129,537
Final construction contract amount:	\$1,841,395
Total change orders as a percentage of original contract:	-6.6%
Completion Schedule:	
Notice to Proceed:	2/28/2022
Final Completion:	11/6/2023

Summary of Change Orders:		Amount
	Description	
1	Concrete pads for fire hydrants	\$10,290
2	Google Fiber lateral crossings	\$7,668
3	Reconnect sample station	\$3,506
4	Crossing of 48" storm drain in pipe trench.	\$6,837
5	Extra milling next to fiber lines	\$3,430
6	Extra meter setters	\$9,273
7	Night work at intersection.	\$14,546
8	Replace asbestos pipe in vault	\$2,987
9	Final reconciliations.	-\$188,074
Total Change Order Amount:		-\$129,537

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Laying new 8" PVC Waterline



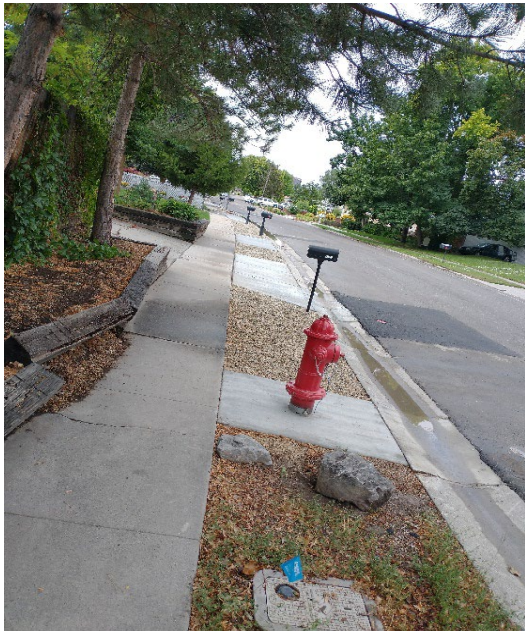
Backfilling new pipeline in trench



Pouring concrete around new mainline valves



New fire hydrant, valve collar, and road asphalt



New fire hydrant and repaired parkstrips



New asphalt over waterline trench