

University Hills Water Main Replacement Project

CITY FILE #E24-022

Updated: February 26, 2025

Water Main Replacement & Restoration: Part A

Item No.	Description	Quantity	Unit	2024 Unit Price	2025 Unit Price*	Total
1	Water Main, HDPE SDR 11, 10 inch Dia, Direction Drill	16,482	Foot	\$130.00	\$139.10	\$2,292,646.20
2	Water Main, HDPE SDR 11, 10 inch Dia. Open Cut	394	Foot	\$125.00	\$133.75	\$52,697.50
3	Water Main, HDPE SDR 11, 12 inch Dia, Direction Drill	4,664	Foot	\$175.00	\$187.25	\$873,334.00
4	Water Main, HDPE SDR 11, 12 inch Dia, Open Cut	104	Foot	\$200.00	\$214.00	\$22,256.00
5	Water Main, HDPE SDR 11, 16 inch Dia, Direction Drill	89	Foot	-	\$295.00	\$26,255.00
6	Water Main, HDPE SDR 11, 16 inch Dia, Open Cut	7	Foot	-	\$285.00	\$1,995.00
7	Water Main, Ductile Iron CL 54, 8 inch Dia. Open Cut	97	Foot	\$225.00	\$240.75	\$23,352.75
8	Water Main, Ductile Iron CL 54, 6 inch Dia. Open Cut	10	Foot	-	\$235.00	\$2,350.00
9	Water Main, Ductile Iron CL 54, 4 inch Dia. Open Cut	5	Foot	-	\$230.00	\$1,150.00
10	Water Service 1", Short, Lead Reconnect, w/valve & stop box assembly	111	Each	\$1,350.00	\$1,444.50	\$160,339.50
11	Water Service 1", Long, Lead Reconnect, w/valve & stop box assembly	143	Each	\$2,000.00	\$2,140.00	\$306,020.00
12	Water Service 1", Lead Reconnect, w/valve & stop box assembly (short) (Avon / Old Perch)	7	Each	\$1,750.00	\$1,872.50	\$13,107.50
13	Water Service 1", Lead Reconnect, w/valve & stop box assembly (long) (Avon / Old Perch)	13	Each	\$2,500.00	\$2,675.00	\$34,775.00
14	Water Service 2", Lead Reconnect, w/valve & stop box assembly (short) (Old Perch)	1	Each	\$1,750.00	\$1,872.50	\$1,872.50
15	2"PRV with 8" Gate Valve & 5 foot Well	1	Each	\$25,000.00	\$26,750.00	\$26,750.00
16	Gate Valve & Well, 16 inch	1	Each	\$24,000.00	\$25,680.00	\$25,680.00
17	Gate Valve & Well, 12 inch	6	Each	\$13,500.00	\$14,445.00	\$86,670.00
18	Gate Valve & Well, 10 inch	31	Each	\$11,000.00	\$11,770.00	\$364,870.00
19	Gate Valve & Well, 8 inch	3	Each	\$11,000.00	\$11,770.00	\$35,310.00
20	Gate Valve & Well, Rem 12 inch Dia.	4	Each	\$1,500.00	\$1,605.00	\$6,420.00
21	Gate Valve & Well, Rem 6/8 inch Dia.	40	Each	\$1,250.00	\$1,337.50	\$53,500.00
22	Connect to Existing Water Main	14	Each	\$4,000.00	\$4,280.00	\$59,920.00
23	Connect to Existing Water Main at University Hills Elementary	3	Each	\$4,000.00	\$4,280.00	\$12,840.00
24	Remove Existing Water Main (AC)	900	Foot	-	\$25.00	\$22,500.00
25	Water Main, 6/8 inch Dia, Cut/Plug and Abandon (Grouted)	20,800	Foot	\$20.00	\$21.40	\$445,120.00
26	Fire Hydrant	41	Each	\$8,750.00	\$9,362.50	\$383,862.50
27	Hydrant, Rem	31	Each	\$800.00	\$856.00	\$26,536.00
28	Gate Valve & D Box, 10/12 inch Dia. (if needed)	0	Each	\$10,500.00	\$11,235.00	\$0.00
29	Culv, CL C, CSP, 12-18 inch Dia.	110	Foot	\$10.00	\$10.70	\$1,177.00
30	Concrete/HMA Driveway, Rem	1,200	Syd	\$5.00	\$5.35	\$6,420.00
31	Concrete Driveway Approach, Nonreinf, 6 inch	700	Syd	\$35.00	\$37.45	\$26,214.74
32	Concrete Road Pavement, 8 inch	1,700	Syd	\$40.00	\$42.80	\$72,760.00
33	Curb & Gutter, Rem	1,400	Foot	\$2.00	\$2.14	\$2,996.00
34	Curb & Gutter conc, Match Existing	1,400	Foot	\$18.00	\$19.26	\$26,964.00
35	Aggregate Base, CIP, 21AA Crushed Concrete/Limestone	750	Ton	\$15.00	\$16.05	\$12,037.50
36	HMA Approach Driveway	125	Ton	\$70.00	\$74.90	\$9,362.50
37	HMA, 5EML (PG 64-22)	100	Ton	\$70.00	\$74.90	\$7,490.00
38	HMA, 4EML (PG 64-22)	150	Ton	\$70.00	\$74.90	\$11,235.00
39	HMA, 3EML (PG 64-22)	200	Ton	\$70.00	\$74.90	\$14,980.00
40	Existing Concrete/HMA Road, Rem	1,700	Syd	\$5.00	\$5.35	\$9,095.00
41	Existing Concrete/HMA Pathway, Rem	350	Syd	\$5.00	\$5.35	\$1,872.50
42	Concrete Pathway Ramp/Landing, 6 inch	3,100	Sft	\$30.00	\$32.10	\$99,510.00
43	HMA Pathway	400	Ton	\$70.00	\$74.90	\$29,960.00
44	Detectable Warning Surface	72	Sft	\$30.00	\$32.10	\$2,311.20
45	Seeding Mixture, THM w/Mulch, w/ 3 inch Topsoil Surface	20,000	Syd	\$15.00	\$16.05	\$321,000.00
46	Sodding, w/ 3 inch Topsoil Surface	25,000	Syd	\$18.00	\$19.26	\$481,500.00
47	Tree, Rem, 6 inch to 24 inch	14	Each	\$25.00	\$26.75	\$374.50
48	Storm Sewer Repair, CL C, 12 inch to 18 inch (RCP IV)	200	Foot	\$25.00	\$26.75	\$5,350.00
49	Edge Drain Repair 6 inch A-2000	500	Foot	\$10.00	\$10.70	\$5,350.00
50	Sump Lead Repair 4 inch Solid Wall PVC	200	Foot	\$10.00	\$10.70	\$2,140.00
51	Sanitary Sewer Lead Video inspection	120	Each	\$195.00	\$208.65	\$25,038.00
52	Sanitary Sewer Lead Repair 4/6 inch Solid Wall PVC	200	Foot	\$20.00	\$21.40	\$4,280.00
53	Exploratory Dig	100	Hour	\$225.00	\$240.75	\$24,075.00
54	Soil Erosion Control Measures	1	LS	\$5,000.00	\$5,350.00	\$5,350.00
55	Audio & Video Coverage	1	LS	\$4,450.00	\$4,761.50	\$4,761.50
56	Traffic Maintenance & Control	1	LS	\$5,000.00	\$5,350.00	\$5,350.00
57	RCOC Permit for Avon Road allowance (reimbursed only for costs)	1	LS	\$0.00	\$0.00	\$0.00
58	Mobilization, 5% Max on Items 1 thru 52	1	LS	\$75,000	\$80,250.00	\$80,250.00

Total

Part A

\$6,661,333.89

Water Main Replacement & Restoration: Part B

Item No.	Description	Quantity	Unit	2024 Unit Price	2025 Unit Price*	Total
1	Water Main, HDPE SDR 11, 16 inch Dia, Direction Drill	1,375	Foot	-	\$295.00	\$405,625.00
2	Water Main, HDPE SDR 11, 16 inch Dia, Open Cut	30	Foot	-	\$285.00	\$8,550.00
3	Water Main, Ductile Iron CL 54, 8 inch Dia. Open Cut	15	Foot	\$225.00	\$240.75	\$3,611.25
4	Water Service 1", Lead Reconnect, w/valve & stop box assembly (short) (Avon)	4	Each	\$1,750.00	\$1,872.50	\$7,490.00
5	Gate Valve & Well, 16 inch	2	Each	\$24,000.00	\$25,680.00	\$51,360.00
6	Gate Valve & Well, 8 inch	1	Each	\$11,000.00	\$11,770.00	\$11,770.00
7	Gate Valve & Well, Rem 6/8 inch Dia.	1	Each	\$1,250.00	\$1,337.50	\$1,337.50
8	Connect to Existing Water Main	3	Each	\$4,000.00	\$4,280.00	\$12,840.00
9	Remove Existing Water Main (AC)	10	Foot	\$0.00	\$25.00	\$250.00
10	Water Main, 6/8 inch Dia, Cut/Plug and Abandon (Grouted)	180	Each	\$20.00	\$21.40	\$3,852.00
11	Fire Hydrant	1	Each	\$8,750.00	\$9,362.50	\$9,362.50
12	Gate Valve & D Box, 10/12 inch Dia. (if needed)	0	Each	\$10,500.00	\$11,235.00	\$0.00
13	Culv, CL C, CSP, 12-18 inch Dia.	20	Foot	\$10.00	\$10.70	\$214.00
14	Concrete/HMA Driveway, Rem	100	Syd	\$5.00	\$5.35	\$535.00
15	Concrete Driveway Approach, Nonreinf, 6 inch	35	Syd	\$35.00	\$37.45	\$1,310.75
16	Curb & Gutter, Rem	30	Foot	\$2.00	\$2.14	\$64.20
17	Curb & Gutter conc, Match Existing	30	Fot	\$18.00	\$19.26	\$577.80
18	Aggregate Base, CIP, 21AA Crushed Concrete/Limestone	50	Ton	\$15.00	\$16.05	\$802.50
19	HMA Approach Driveway	15	Ton	\$70.00	\$74.90	\$1,123.50
20	HMA, 5EML (PG 64-22)	8	Ton	\$70.00	\$74.90	\$599.20
21	HMA, 4EML (PG 64-22)	10	Ton	\$70.00	\$74.90	\$749.00
22	HMA, 3EML (PG 64-22)	12	Ton	\$70.00	\$74.90	\$898.80
23	Existing Concrete/HMA Road, Rem	60	Syd	\$5.00	\$5.35	\$321.00
24	Existing Concrete/HMA Pathway, Rem	260	Syd	\$5.00	\$5.35	\$1,391.00
25	Concrete Pathway Ramp/Landing, 6 inch	450	Sft	\$30.00	\$32.10	\$14,445.00
26	HMA Pathway	25	Ton	\$70.00	\$74.90	\$1,872.50
27	Detectable Warning Surface	24	Sft	\$30.00	\$32.10	\$770.40
28	Seeding Mixture, THM w/Mulch, w/ 3 inch Topsoil Surface	1,100	Syd	\$15.00	\$16.05	\$17,655.00
29	Sodding, w/ 3 inch Topsoil Surface	300	Syd	\$18.00	\$19.26	\$5,778.00
30	Tree, Rem, 6 inch to 24 inch	4	Each	\$25.00	\$26.75	\$107.00
31	Storm Sewer Repair, CL C, 12 inch to 18 inch (RCP IV)	10	Foot	\$25.00	\$26.75	\$267.50
32	Edge Drain Repair 6 inch A-2000	10	Foot	\$10.00	\$10.70	\$107.00
33	Sump Lead Repair 4 inch Solid Wall PVC	10	Foot	\$10.00	\$10.70	\$107.00
34	Sanitary Sewer Lead Video inspection	8	Each	\$195.00	\$208.65	\$1,669.20
35	Sanitary Sewer Lead Repair 4/6 inch Solid Wall PVC	50	Foot	\$20.00	\$21.40	\$1,070.00
36	Exploratory Dig	10	Hour	\$225.00	\$240.75	\$2,407.50
37	SOIL EROSION CONTROL MEASURES	1	LS	-	\$4,000.00	\$4,000.00
38	AUDIO AND VIDEO COVERAGE	1	LS	-	\$1,500.00	\$1,500.00
39	TRAFFIC MAINTENANCE AND CONTROL	1	LS	-	\$10,000.00	\$10,000.00
40	RCOC PERMIT PERMIT ALLOWANCE	1	LS	-	\$0.00	\$0.00
41	MOBILIZATION, 5% MAX ITEMS 1 THRU 35	1	LS	-	\$28,500.00	\$28,500.00

*2025 Unit Price Includes 7% increase per 2024 contract

Total

Part B

\$614,891.10

Total Part A&B

\$7,276,224.99