

OPINION OF PROBABLE CONSTRUCTION COST

Pine Street (North Street to Liberty Street to Last House on Street)

Description	Quantity	Units	ENR 11400	ENR 11400	ENR 11500	ENR 12500	ENR 13800
			2020 Unit Price	2020 Total Cost	2021 Total Cost	2025 Total Cost	2030 Total Cost
WATER SYSTEM							
8" Diameter D.I. Water Main	2,300	L.F.	\$95.00	\$218,500	\$220,417	\$239,583	\$264,500
3/4" Diameter Copper House Service	520	L.F.	\$50.00	\$26,000	\$26,228	\$28,509	\$31,474
1" Diameter Copper House Service	47	L.F.	\$58.50	\$2,750	\$2,774	\$3,015	\$3,328
Existing Waterline Connections	9	EA.	\$3,000.00	\$27,000	\$27,237	\$29,605	\$32,684
8" Gate Valve	8	EA.	\$2,250.00	\$18,000	\$18,158	\$19,737	\$21,789
6" Gate Valve	3	EA.	\$2,000.00	\$6,000	\$6,053	\$6,579	\$7,263
4" Gate Valve	2	EA.	\$1,800.00	\$3,600	\$3,632	\$3,947	\$4,358
3/4" Curb Stops and Boxes	26	EA.	\$250.00	\$6,500	\$6,557	\$7,127	\$7,868
3/4" Corporation Stops	26	EA.	\$350.00	\$9,100	\$9,180	\$9,978	\$11,016
1" Curb Stops and Boxes	2	EA.	\$410.00	\$820	\$827	\$899	\$993
1" Corporation Stops	2	EA.	\$410.00	\$820	\$827	\$899	\$993
Removal of Fire Hydrant	3	EA.	\$585.00	\$1,755	\$1,770	\$1,924	\$2,124
Fire Hydrant Branch Connection	4	EA.	\$5,000.00	\$20,000	\$20,175	\$21,930	\$24,211
Rigid Trench Insulation	600	S.F.	\$2.50	\$1,500	\$1,513	\$1,645	\$1,816
Class "B" Concrete	16	C.Y.	\$300.00	\$4,800	\$4,842	\$5,263	\$5,811
Miscellaneous Extra Excavation	50	C.Y.	\$30.00	\$1,500	\$1,513	\$1,645	\$1,816
Below-Grade Rock Removal (pipelines)	1	C.Y.	\$150.00	\$150	\$151	\$164	\$182
Replacement of Unsuitable Material	75	C.Y.	\$40.00	\$3,000	\$3,026	\$3,289	\$3,632
Boulder Excavation	25	C.Y.	\$60.00	\$1,500	\$1,513	\$1,645	\$1,816
Erosion Control	1	L.S.	\$3,000.00	\$3,000	\$3,026	\$3,289	\$3,632
Dust Control	10	Ton	\$585.00	\$5,850	\$5,901	\$6,414	\$7,082
Permanent Trench Pavement Repair	1,388	S.Y.	\$70.00	\$97,160	\$98,012	\$106,535	\$117,615
Concrete Sidewalk Replacement	0	S.F.	\$15.00	\$0	\$0	\$0	\$0
Traffic Control	1	L.S.	\$5,000	\$5,000	\$5,044	\$5,482	\$6,053
Site Prep and Miscellaneous (8%)	1	L.S.	\$37,144	\$37,144	\$37,470	\$40,728	\$44,964
Contingency (20%)	1	L.S.	\$100,290	\$100,290	\$101,170	\$109,967	\$121,403
Contractor's Bonds (2%)	1	L.S.	\$12,035	\$12,035	\$12,140	\$13,196	\$14,568
Subtotal				\$613,773	\$619,157	\$672,997	\$742,989
Street Repair							
Pavement Overlay	5,867	S.Y.	\$25	\$146,667	\$147,953	\$160,819	\$177,544
Contingency (20%)	1	L.S.	\$35,509	\$35,509	\$35,820	\$38,935	\$42,984
Contractor's Bonds (2%)	1	L.S.	\$4,411	\$4,411	\$4,449	\$4,836	\$5,339
Subtotal				\$186,586	\$188,223	\$204,590	\$225,867
TOTAL				\$800,359	\$807,380	\$877,587	\$968,856

Notes:

1. The construction cost estimates are based on preliminary phase estimates only. More detailed costs shall be developed during Final Design Phase Engineering based on actual design quantities.