

City of Sherwood
 2022 Waterline Replacement - Final Design
 Engineer's Opinion of Probable Construction Cost - Revised 3/4/2022

Item No.	Description	Estimated Quantity	Unit	Unit Price	Total Price
1	Mobilization, Bonds, Insurance, and Demobilization	1	LS	\$17,500.00	\$17,500.00
2	Traffic Control	1	LS	\$4,500.00	\$4,500.00
3	Erosion Control	1	LS	\$1,500.00	\$1,500.00
4	Saw Cut Existing Pavement and Complete Surface Restoration with AC Pavement:				
	a. 2 to 4 inches deep	257	SY	\$65.00	\$16,705.00
	b. Additional removal and paving per 1-inch depth beyond 4-inches	0	SY	\$25.00	\$0.00
5	Furnish and Install Class 52 Ductile Iron Waterline:				
	a. 6-inch diameter, restrained	20	LF	\$143.00	\$2,860.00
	b. 8-inch diameter, restrained	561	LF	\$162.00	\$90,882.00
6	Furnish and Install Cast or Ductile Iron Pipe Fittings	573	LBS	\$ 6.27	\$3,590.00
7	Furnish and Install Buried Valves:				
	a. 6-inch gate valve, FLGxMJ	1	EA	\$ 2,514.00	\$2,514.00
	b. 8-inch gate valve, MJ	3	EA	\$ 4,177.00	\$12,531.00
8	Furnish and Install Fire Hydrant Assembly	1	EA	\$7,200.00	\$7,200.00
9	Remove and Replace Sidewalk and Concrete Curb	48	SF	\$45.00	\$2,160.00
10	Furnish and Install 1-Inch Dual Water Service Connections	6	EA	\$2,800.00	\$16,800.00
11	Testing, Flushing, and Disinfection of Water Mains	1	LS	\$2,500.00	\$2,500.00
12	Connection to Existing Water Mains:				
	a. 12-inch diameter, restrained (SW Willamette St)	1	LS	\$2,000.00	\$2,000.00
	b. 6-inch diameter, restrained (SW Forest Ave)	1	LS	\$2,000.00	\$2,000.00
13	Collar Thrust Block Construction	1	EA	\$750.00	\$750.00
14	Existing 6-Inch Water Abandonment	1	LS	\$2,100.00	\$2,100.00
15	General Surface Restoration and Clean-Up	1	LS	\$4,000.00	\$4,000.00
Subtotal					\$192,092.00
Contingency				15%	\$28,813.80
Grand Total					\$220,905.80