

WATER DISTRIBUTION COST ESTIMATES

Since this study was not prepared to implement a specific phase or portion of the system, no detailed cost estimate has been prepared as part of this study.

Some general guidelines for cost estimating are as follows:

Construction Cost Estimates - 2014

6" Waterline	\$35 - \$40	per lineal foot
8" Waterline	\$40 - \$45	per lineal foot
10" Waterline	\$45 - \$55	per lineal foot
12" Waterline	\$50 - \$65	per lineal foot
6" Waterline (in rock)	\$50 - \$55	per lineal foot
8" Waterline (in rock)	\$55 - \$65	per lineal foot
10" Waterline (in rock)	\$60 - \$75	per lineal foot
12" Waterline (in rock)	\$70 - \$85	per lineal foot
Fire Hydrants	\$3,000 - \$3,500	Each

All of these prices are typical construction costs including typical valves, fittings and restoration costs. The range varies based on the size of the project in quantities and the amount of rock excavation anticipated. Small quantities result in high unit prices. Very large projects result in the lowest unit prices.

For estimating purposes we would recommend the following allowances over and above construction cost to obtain a project cost estimate:

Contingency	10% to 15% of construction
Other Costs	20% to 30% of construction

Other costs can include: engineering, survey, staking, observation, financing, legal, administrative, geotechnical investigation, permitting, easements, assessments, interest during construction, advertising, and miscellaneous.