



Complete Site Development Solutions  
Excavating, Drainage, Underground Utilities  
Engineering & Design

To: Mr. James G. Golias II, P.E., CT Consultants, Inc.  
Mr. Tim Begley, Director of Engineering  
Mr. David A. Rutherford, City Manager

From: Mr. Robert D. Kimbro, Jr., President

Subject: Value Engineering Proposal for the Crossville Downtown Economic Development /  
Streetscape Improvement Project-Watermain

Ironwood Construction and Engineering LLC is the prime contractor performing the Crossville Downtown Economic Development / Streetscape Improvement Project-Watermain. Currently Ironwood will be installing the waterline with a depth from the street surface to the top of the pipe from 3 feet and 6 inches to 7 feet and 6 inches deep. Standard depth for waterline installation is 3 feet from the street surface to the top of the pipe. After consultation with the Crossville Engineering Department and Mr. Golias, the design engineer, it has been determined that the additional depth currently specified in this project will significantly increase Crossville's long-term maintenance cost on this waterline due to the excessive depth.

Ironwood would like to submit, for your consideration, a deduction of \$40,000.00 from our contract if the minimum depth of installation is reduced to 3 feet. Ironwood will also increase the depth of the line as necessary to avoid existing waterlines as well as other utilities. This change will also help on traffic congestion and over all workman and public safety for the entire job.

Thank you for reviewing this proposal. Ironwood hopes that the savings Crossville will receive from this modification can better be utilized on water projects the City is working towards funding and doing at this time...

Sincerely,

A handwritten signature in blue ink that reads "Robert D. Kimbro, Jr." followed by the date "5-7-15".

Robert D. Kimbro, Jr.  
President