



Cadiz Water Distribution System Improvements Phase I Harrison County, Ohio

Client: Village of Cadiz

Contact: John Migliore, Mayor (740) 942-8844

Key Personnel:

Jack Ramsey, PE (PM)
Bob Allen (FM)
Todd Garnes

Project Cost:

\$2.173 Million Construction
\$2.173 Million Design

Year Completed:

November 2018 Construction
September 20017 Design

E.L. Robinson's Role

Prime Consultant
Planning & Funding
Acquisition
Water Design
Construction
Management/Inspection

In the late 1890s, The Village of Cadiz's constructed the original water distribution system. Most of that system was replaced and expanded in 1936 and was last updated in 1993. The former system consisted of Polyvinyl Chloride (PVC), High-Density Polyethylene (HDPE), and Cast Iron (CI) pipe.

E.L. Robinson evaluated and studied the Village's entire system, including needed improvements to the raw water supply, the water distribution system, water storage tanks, and water treatment plant. The evaluation concluded improvements were necessary due to the age and condition of their system. Ultimately, the Village decided the improvements would be completed in phases for funding purposes.

The first phase of the project replaced 14,850 LF of water line ranging in size from 4-inch to 12-inches. Additionally, 3-gate valves, and 31 fire hydrants were replaced.

ELR has designed Phase II of this project, but not yet constructed.