



Project Summary

Old Town Allotment Watermain Improvements City of Aurora, Portage County, Ohio

- Evaluation of Construction Alternatives
- Right-of-Way and Topographic Surveying
- Construction Plans
- Bid Documents and Technical Specifications

Foresight Engineering met with the City of Aurora to discuss various methods of replacement and/or rehabilitation of the city's existing aging ductile iron and cast iron waterlines. Installation procedures were examined that would cause minimum disruption in water service to the residents, and eliminate the need for an above-ground temporary water service line. Foresight Engineering determined the most cost effective and beneficial method for the project.

Foresight Engineering established the right-of-way and property lines for all adjacent parcels and instituted survey control based on the City of Aurora's Geodetic Control Network. A permanent benchmark was set a minimum of every 500 feet.

This project was located in three separate areas of the City of Aurora. The existing aging ductile iron and cast iron pipes were replaced with new PVC waterlines. Foresight Engineering completed the project design for the installation of 8,100 linear feet of 8 inch PVC waterline and 1,150 linear feet of 10 inch PVC waterline.

Additionally, existing water service connections and fire hydrants were replaced. Several sections of existing roadways were required to be open-cut and repaired to facilitate the installation of the watermains.

The scope of the project included plans, contract bidding documents and technical specification preparation.

Project Cost:
1 million

Constructed:
Summer 2010

Plan and Profile
Sheet from Old Town
Allotment Watermain
Improvement Plans

