

## Reading Road Water Main

project description | water distribution

### location

Reading, Ohio

### client

City of Reading

### completion date

2000



This project involves design, bidding, funding applications, and construction administration services for the installation of approximately 4000 linear feet of 10-inch water main from Columbia Avenue to the northern city limits of Reading. Included were fire hydrant replacements, connections to the bridge over Cooper Creek, and related appurtenances. The project will eliminate a bottleneck of smaller water mains between the north connection to Cincinnati Water Works (CWW) facilities and an existing 12" water main at Columbia Avenue.

### project components

- Utilization of existing mapping supplemented by detailed field surveys to prepare base plans for the project.
- Preparation of plan and profile sheets for approximately 4000 linear feet of 10-inch water main, including connections to existing facilities at cross streets and each end of the project.
- Connections to the bridge at Cooper Creek.
- Coordination with Hamilton County Engineer's office for approval to construct on the bridge.
- Preparation of a SCIP loan application to fund the construction.
- Cost estimates and preparation of construction documents which include an additive alternate to increase the proposed pipe size from 10" to 12".