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# The Baltimore City Department of Public Works Project Details

## WC 1254 – Water Infrastructure Rehabilitation – Various Locations

### Project Background

- The City of Baltimore supplies drinking water to 1.8 million people in the Baltimore Metropolitan Area and maintains 3800 miles of water mains, 67,500 valves and 23,000 fire hydrants. The City is faced with the challenge of old and failing infrastructure, which includes unlined cast iron water mains that are prone to internal tuberculation of the existing pipes over a period of time, which is why the water mains in your area are being rehabilitated.

### Project Purpose

- Improve reliability of the water system
- Improve water flows and pipe capacity
- Eliminate water discoloration
- Minimize maintenance of water mains
- Replace various sized existing valves and fire hydrants
- Extend useful life of existing pipes
- Reduce water system disruptions and costly repairs

### Project Activities

- Provide water through temporary bypass pipes during construction
- Rehabilitate (Clean & Line) existing unlined cast iron water mains using cement lining (20,600± Linear Feet)
- Replace existing water mains by open cut (2,000± Linear Feet)
- Replace existing galvanized water house connections
- Replace existing fire hydrants with new fire hydrants (21 each)

### Project Schedule



Project Area Map on Back





# Project Area Map No. 2

