

Ridge Avenue Water Main Relay Project

July 10, 2014



Ridge Avenue Water Main Relay Project

Scope of PWD Work:

- Replacement of existing water mains with a new water main in each block.
 - Ridge Ave. from Shurs/ Walnut Lane to Manayunk Ave.
 - Jamestown St. from Henry Ave. to Magdalena Ave.
 - Magdalena St. from Roxborough Avenue to Wendover St.
 - Vicaris St. from Lauriston St. to Cul de Sac west of Salaignac St.
 - Wendover St. from Henry Ave. to Magdalena St.
 - Osborn St. from Ridge Ave. to terminus (dead end)
- Property water service replacement to the curb stops
- Fire hydrants along limits of project replacement.
- Penn DOT will resurface Ridge Ave. within the limits – Spring 2015

Ridge Ave. Detail

- Scope: Replacement of two existing water mains in Ridge Ave. (10” diameter west side and 6” diameter east side) with a single 12” main on east side (only).
- Limits of main replacement in Ridge Ave: Shurs / Walnut Lane to Manayunk Ave.
- Location of main in Ridge Ave: in the roadway approx. 5’-6” from the east curb.
- Age of existing main in Ridge Ave. within limits of replacement varies from 1876 to 1936.
- Water Main Break History in Ridge Ave: There have been 17 water main breaks in Ridge Ave. since 1964. Five of them have been in the last 6 years.

Construction Schedule and Sequencing (Water Main Replacement)

Potential to work the project in two distinct phases:

- Phase 1: Shurs / Walnut Lane to Hermit St (1,685 lf of water main)
- Phase 2: Hermit St. to Manayunk Ave. (1,830 lf of water main)
- Work will likely begin in Phase 1 at Shurs / Walnut Lane (5600 block) and at Hermit St. (5500 block). The two crews will work from each end and will meet somewhere in the middle.
- Once completed, the pipe crews will move to Phase 2 at Hermit St. (5400 block) and Manayunk Ave. (5200 block). The two crews will work from each end and will meet in the middle.

Graphic Rendering of Completed PWD Facilities Beneath Vicaris St. & Rock St.



Work Schedule / Areas Affected

PWD Work Schedule for Ridge Avenue Portion:

- Project out to bid April 2014
- Construction to begin July 2014
- Estimated construction Duration: 4 calendar months
- Anticipated PWD construction completion: Late October 2014

Schedule for Remaining Blocks: Nov. 2014 to July 2015

- Ridge Ave. from Shurs / Walnut Lane to Manayunk Ave.
- Jamestown St. from Henry Ave. to Magdalena Ave.
- Magdalena St. from Roxborough to Wendover.
- Vicaris St. from Lauriston St. to Cul de Sac west of Salaignac St.
- Wendover St. from Henry Ave. to Magdalena St.
- Osborn St. from Ridge Ave. to Terminus (dead end)

Work Schedule / Areas Affected

Affected Agencies / Utilities

- PWD: Water main replacement
- PGW: Gas main replacement
- Streets Dept: Parking and traffic coordination
- Penn DOT: Street resurfacing
- SEPTA: Bus Routes

SEPTA Bus Routes

- SEPTA is currently analyzing the proposed traffic patterns in order to coordinate their bus service in as efficient and least disruptive manner as possible.

Working Requirements on Ridge Avenue to Lessen Impact

- Option to have two (2) sets of crews to complete the work in an expedited fashion
- The contractor will be required to maintain one 10 ft. wide (min.) lane of traffic in the northbound direction at all times, and one 10 ft. wide (min.) lane of traffic in the southbound direction at all times
- Parking will be suspended in the construction zone as needed to perform the construction work and accommodate temporary traffic patterns.
- No material will be stock piled within construction area over night. Only material necessary for that day's work will be permitted on the construction site (within each phase).

Working Requirements to Lessen Impact

- While working in front of businesses, the contractor will be required to coordinate his construction schedule with the affected business owner in order to complete his work in a manner that is least disruptive to the business
- Contractor's office must be located out of the construction area (preferably in an existing store front close to the site).
- All excavations will be back filled and or plated at days end. Open excavations will not be permitted overnight
- Contractor will be required to reduce the amount of air borne dust, and will be required to maintain a clean and safe construction site at all times.

Business Response Program (BRP) in partnership with Commerce

Examples of items ELIGIBLE for BRP

Assistance:

- Production and printing of promotional materials (brochures, flyers, posters, etc.).
- Production and printing of signage used to direct and/or inform visitors.
- Marketing and promotion of commercial corridor and special events (internet, newspapers).
- Clean-up of commercial corridor from PWD construction debris.
- Physical on site presence, e.g. flag people to ensure safe pedestrian and vehicular traffic flow. Representatives will be required to work with the PWD construction project manager and inspector.

ROXBOROUGH

Family!

Fun!

Shopping!

Questions?