



CONSTRUCTION PROJECTS

Small Diameter Water Main Replacement Project

DC Water is aggressively replacing water mains throughout the District to improve aging infrastructure and water quality and increase pressure in residential and commercial areas. Work is taking place at West Beach Drive, NW, 16th Street, NW, Foxhall Road, NW, H Street, NW, M Street, NE, Meade Street, NE, Oakwood Street, SE and South Capitol Terrace, SW. Despite some of the site-specific challenges of construction on busy thoroughfares such as 16th Street, the overall project is on schedule for completion during summer 2013.

Large Valve Replacement Project

Equally important are the valves used to control the flow of water through the mains-these, too, are aging. DC Water began a District-wide valve replacement program in the late 1990's, with one of the current projects targeting three of the four quadrants. At all of the work locations, including Boulevard Lane, SE at Alabama Avenue, SE, DC Water coordinates water shut-offs and other activities with area residents, businesses and organizations.

Cross-Town Tunnel Rehabilitation Project

The Cross-Town Tunnel, a large transmission main located between Scott Circle and Foxhall Road in northwest, is a huge water line. In recent years, leakage has been detected along the tunnel under Rock Creek Park, so DC Water is using a process that puts a new lining inside the tunnel. With demolition operations now complete, the relining work will soon be underway. The project is slated for completion in June 2013.



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Northeast Boundary Neighborhood Protection Project

The First Street Tunnel portion of the Clean Rivers Project, a system of tunnels and diversion sewers that will capture Combined Sewer Overflows (CSOs) for treatment at DC Water's Blue Plains Advanced Wastewater Treatment Plant, is underway. This project was recently accelerated as part of the Mayor's Task Force to relieve street and basement flooding in the Northeast Boundary area including Bloomingdale and LeDroit Park. Field investigation work (land surveying, soil borings, and noise and traffic studies) will assist the tunnel design. DC Water estimates the flood relief portion will be completed by spring 2016.

DC Water recently broke ground on a stormwater storage project at the former McMillan Sand Filtration site. This project will alleviate some flooding beginning in 2014.

New Hampshire Avenue Reconstruction Project

In addition to its own Capital Improvement Program (CIP), DC Water is actively involved in many of the District Department of Transportation's (DDOT) CIP projects and other private developments. One of the most visible is DDOT's reconstruction of New Hampshire Avenue, NW, from Virginia Avenue to Dupont Circle. DC Water will replace water mains and fire hydrants and inspect new storm sewers. With these activities now 30 percent complete, DC Water estimates work will be completed by winter 2013.

Green Infrastructure

DC Water is creating green infrastructure at three of its facilities this year as part of the Clean Rivers Project. A combination of green roofs, permeable clay brick pavers and bioretention cells will be installed at the Anacostia Water Pumping Station, East Side Pumping Station and Fort Reno Reservoir.

DC Water also has plans to implement a large-scale demonstration project in the Rock Creek and Potomac sewersheds to explore the feasibility of green infrastructure as a means to reduce runoff.



DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY
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