



Massachusetts Water Resources Authority

Section 28 Suction to Brattle Court Pump Station

Mike Rivard, Design Manager, Water Engineering
Michael Pelletier, Project Manager, Green International Affiliates
Jeffrey McLaughlin, Community Relations Manager, Public Affairs

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MWRA in Arlington (NH, NEH)





MWRA Water – Section 28, Suction to Brattle Court PS





Arlington Center (Mass Ave at Medford St)





Project Goals

To ensure that the pipeline and appurtenances will provide safe and reliable water transmission service for another 50 years and to protect water quality.



Tuberculated Pipe



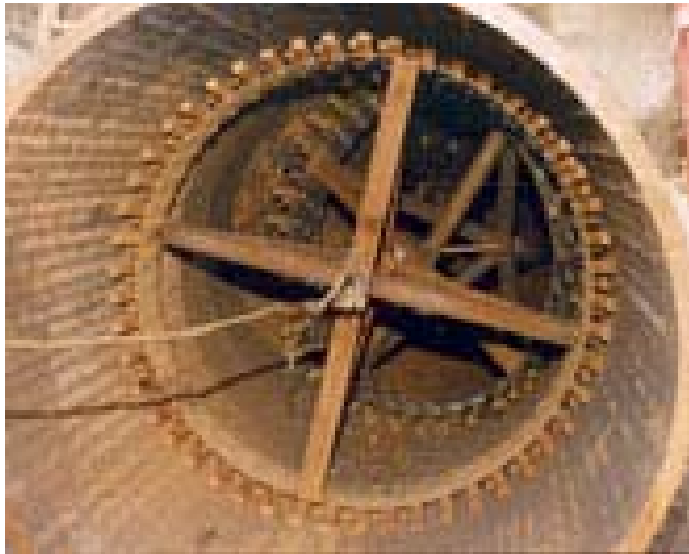


Pipeline Rehabilitation

- Clean & Cement Mortar Line Pipe to Protect Water Quality.
 - Access Pits approximately every 400-500 feet.
 - Locate Access Pits away from intersecting streets as much as possible.
- Replace old valves to ensure operational reliability.
- Replace interconnections to provide better operational flexibility.
- Support future WASM 3 rehabilitation.



Cleaning





Cement Lined Pipe



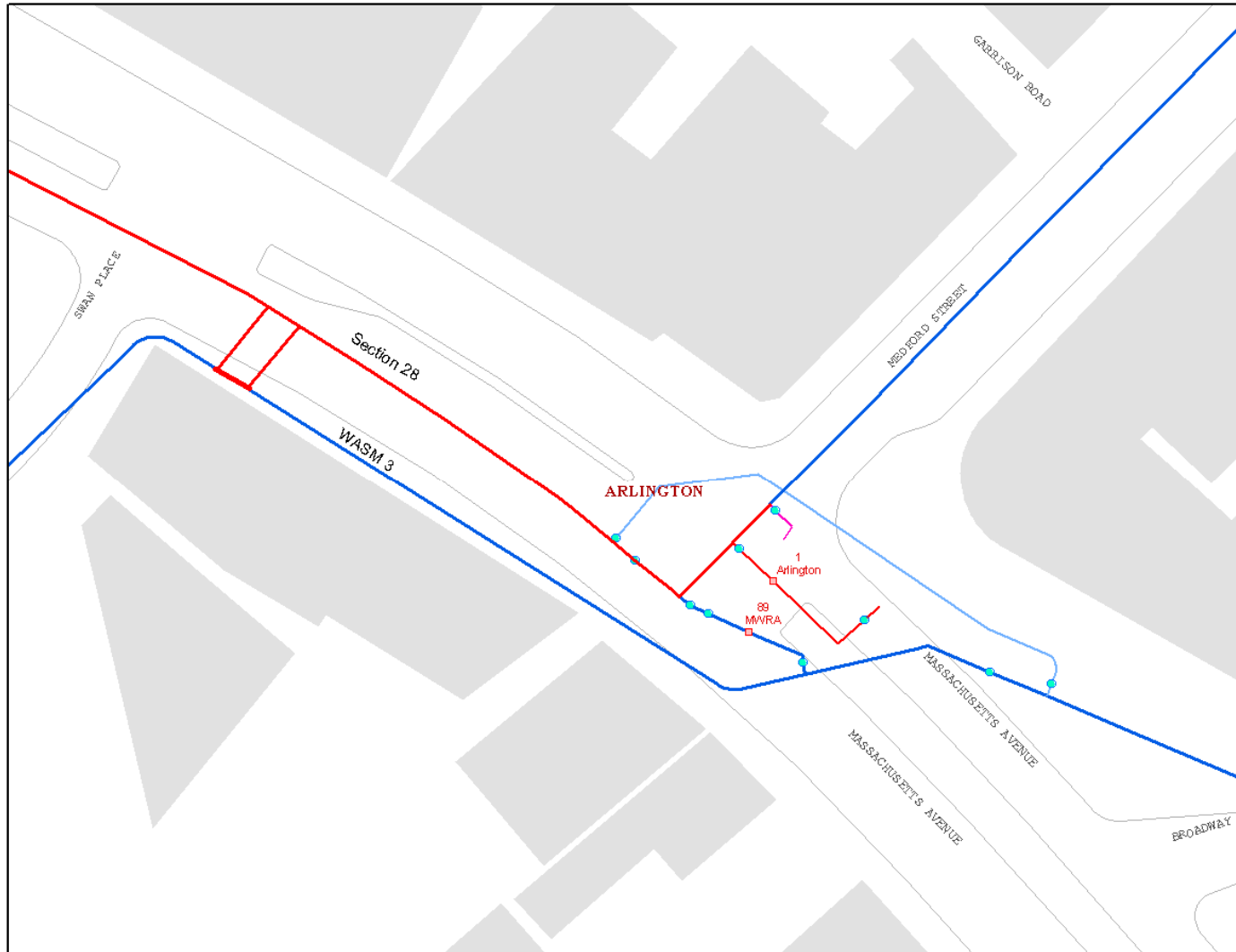


New Valves





Massachusetts Ave at Medford Street





Arlington Center – Mass Ave at Medford Street





Arlington Center - Businesses





Swan Place at Mass Avenue





Work Restrictions

- Coordinated with DPW, Engineering and Police
- Shutdown for WASM 3 Pipeline allowable only in the Fall, low-demand period.
- Limited duration of two months for WASM 3 Pipeline shutdown.
 - Includes demolition, pipe installation and temporary restoration.
 - Final restoration may be done in Spring.
- Work hour restrictions – 9 a.m. to 3 p.m.