



Section 111 *Southern Extra High Redundancy*

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Executive Director

October 30, 2017



About This Project



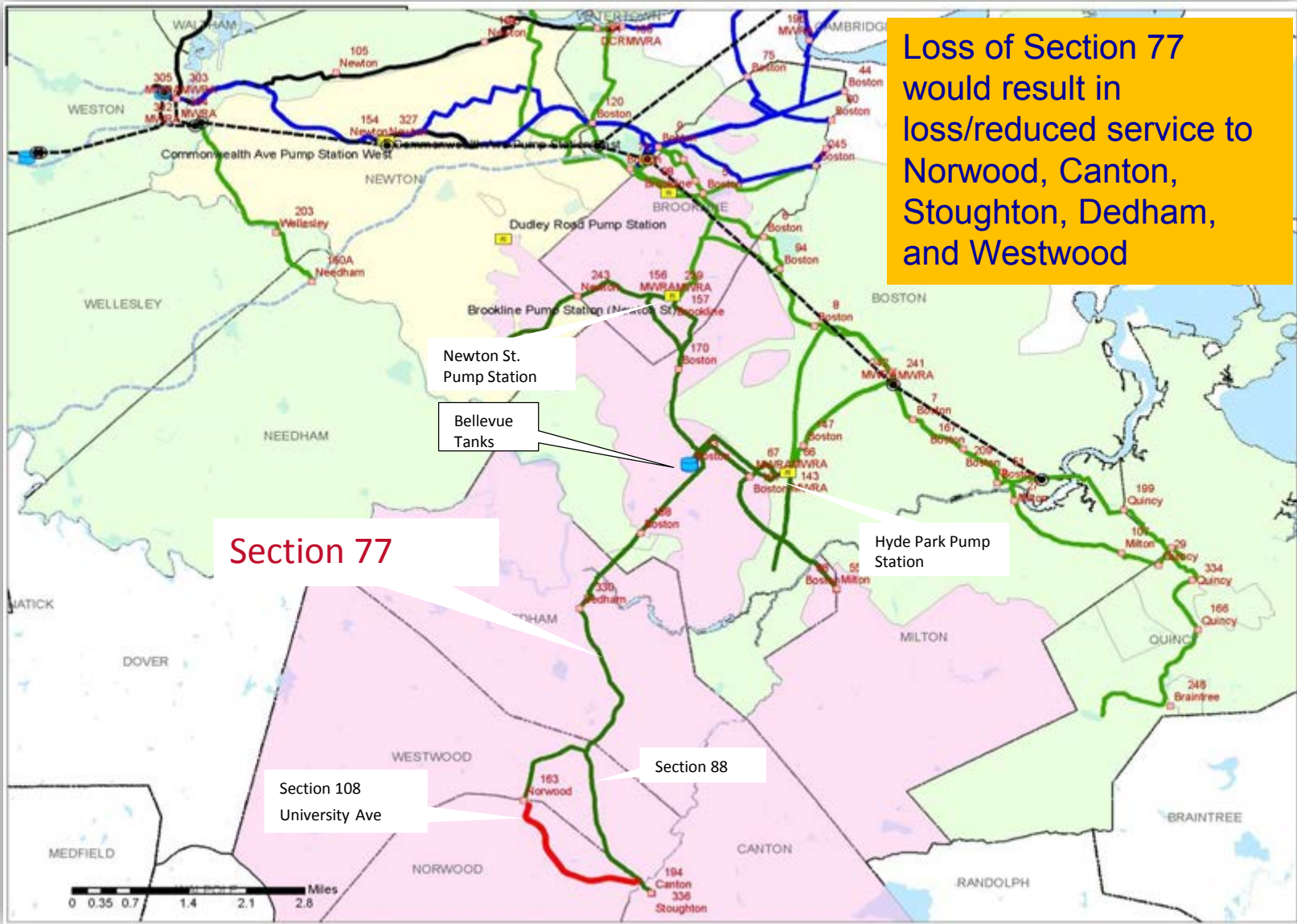
How Water Gets To The Southern Extra High System





Project Goal: Redundancy For Section 77

Loss of Section 77 would result in loss/reduced service to Norwood, Canton, Stoughton, Dedham, and Westwood



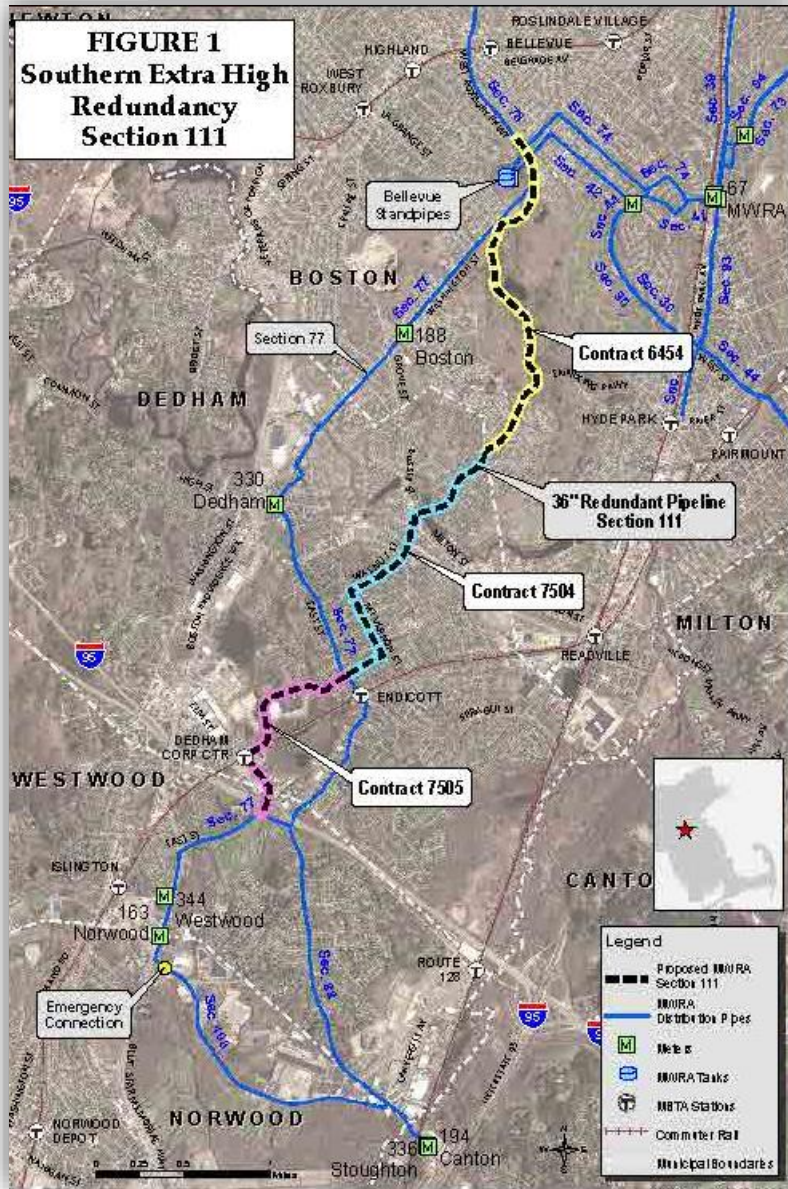


Proposed Redundant Pipeline Section 111 – 36 inch





Project Includes Three Construction Contracts



CONTRACT 1

Approx. 11,000 LF
NTP 6/2016

CONTRACT 2

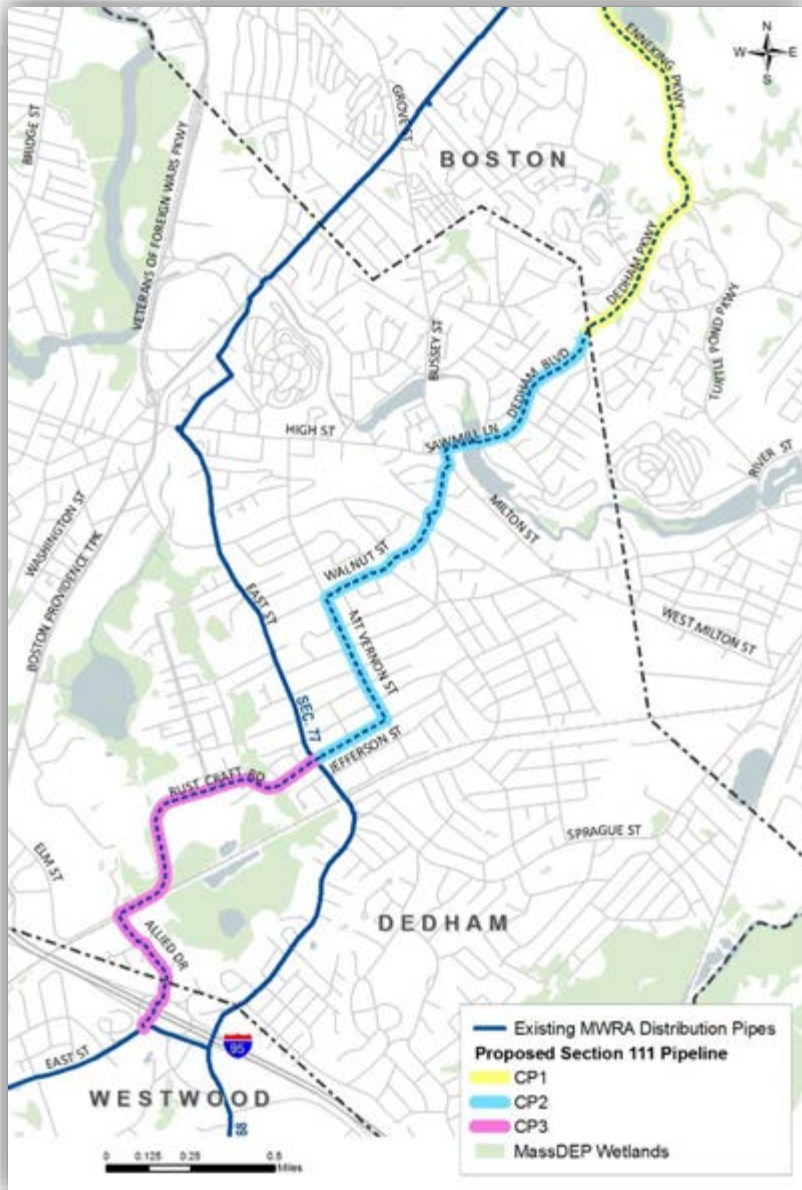
Approx. 10,000 LF
NTP 10/2017

CONTRACT 3

Approx. 6,800 LF
NTP 2/2018



Section 111 in Dedham



SECTION 111 in Dedham

Contract 2:

- Dedham Boulevard (DCR)
- Sawmill Lane
- Milton Street
- Walnut Street
- Mount Vernon Street
- Jefferson Street

Contract 3:

- Rustcraft Road
- Dedham Corporate MBTA Station Rail Crossing
- Allied Drive
- Route 95 East Street Rotary Crossing (Dedham, Westwood)



Dedham Schedule/Status

- Contract 2 - Construction to begin fall 2017, 24 months of construction
- Contract 3 - Construction to begin spring 2018, 24 months of construction
- Work Hours: General Monday through Friday 7am – 5 pm
- Traffic Plan has been reviewed with Police Dept. and Engineering Dept.
- Coordination with Dedham/Westwood Water District to install local water main between Dedham and Westwood under Route 95 at East Street rotary



General Construction Sequence

- Install 36 inch water main
- Install secondary structures (valve vaults, vents, dewatering chambers)
- Install temporary paving at end of each work week
- Pressure Test piping, disinfect piping, flush piping, and perform water quality sampling
- Allow minimum of 90/120 days until permanent trench paving
- Install final curb to curb paving
- Install pavement striping



Initial Construction Activity

Beginning in November 2017:

- Preconstruction Surveys for homes begin
- Tree protection and removal begins
- Drilling along MWRA pipe alignment
- DCR drain replacement on Dedham Boulevard
- Local sewer TV inspection and lining begins
- MWRA water main installation begin on Walnut, near Whiting, toward East Street



Expected Production

- Expected pipeline production is about 30 feet per day, but can be impacted by ledge, utility conflicts, etc.





Construction Hours

DCR Roadway (Dedham Blvd)

- 8:30 am to 3:30 pm M-F April 15 to July 4 and September 1 to November 15
- 7:00 am to 3:30 pm July 5 to August 31

Milton Street

- 9:00 am to 5:00 pm M-F
- 7:00 am to 5:00 pm Saturdays (possible)

Walnut St, Mt Vernon Street, and Jefferson Street

- 7:00 am to 5:00 pm M-F



Contract Information

Contractor: P. Gioioso and Sons
50 Sprague Street, Boston
Marco Gioioso, Project Manager

MWRA: Terry Flynn, Field Coordinator
Jeff McLaughlin, Public Affairs

Dedham: Joe Flanagan, DPW Director
Jason Mammone, Town Engineer



Traffic Management

- Dedham Boulevard has been closed during Contract 1 – this will continue through Contract 2
- Sawmill Lane – Northbound permitted with detour for southbound before bridge construction
- Sawmill Lane Bridge closed during bridge construction with detour
- Milton Street – Maintain traffic with offset traffic pattern
- Walnut St, Mt Vernon St, and Jefferson – roads closed except local traffic
- Police Details, Message Boards, and signage



Blasting

- A pre- and post-blasting survey will be conducted of all abutters within 250 feet of the work
- Fire Department will be on site for all blasts





Rodent Control

- A pest control firm will conduct a rodent survey and complete rodent control measures for the area within 500 feet of the centerline of the pipe



Similar Construction



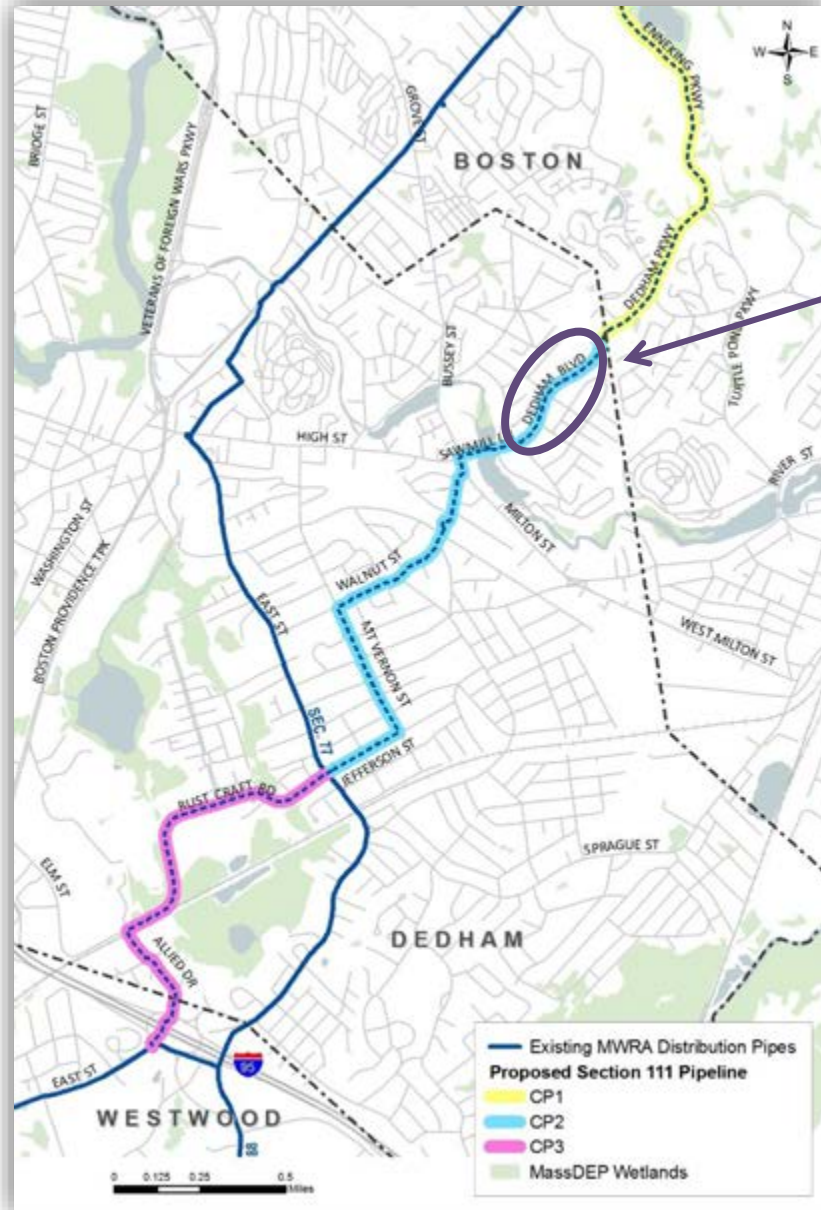


Similar Construction





Drainage Improvements

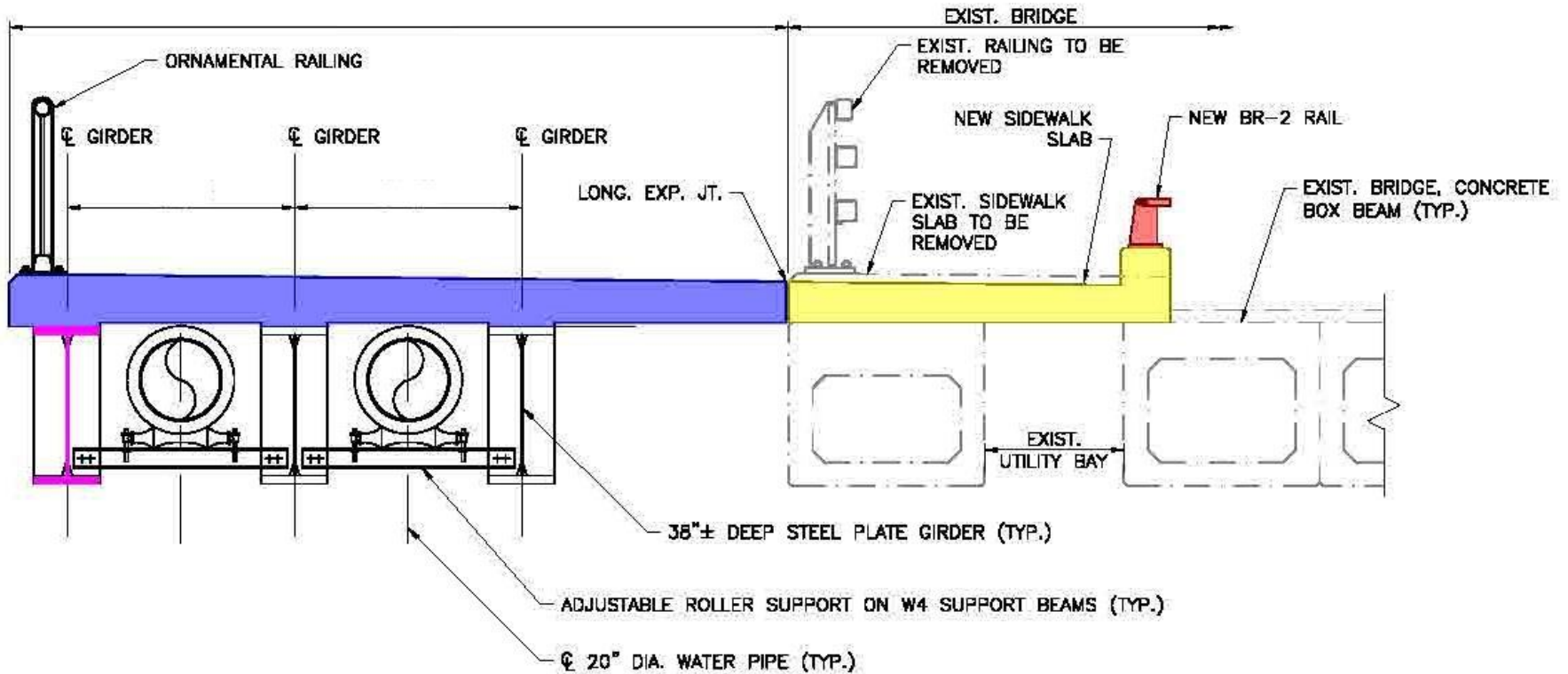


Dedham Boulevard





Mother Brook Pipe Bridge



SECTION AT BRIDGE



Mother Brook Bridge Current Condition





New Mother Brook Bridge



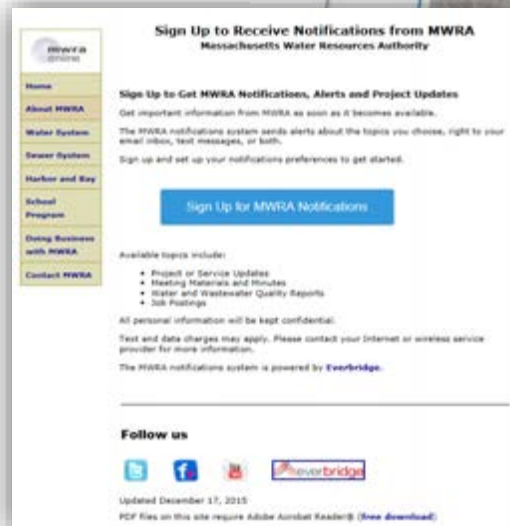
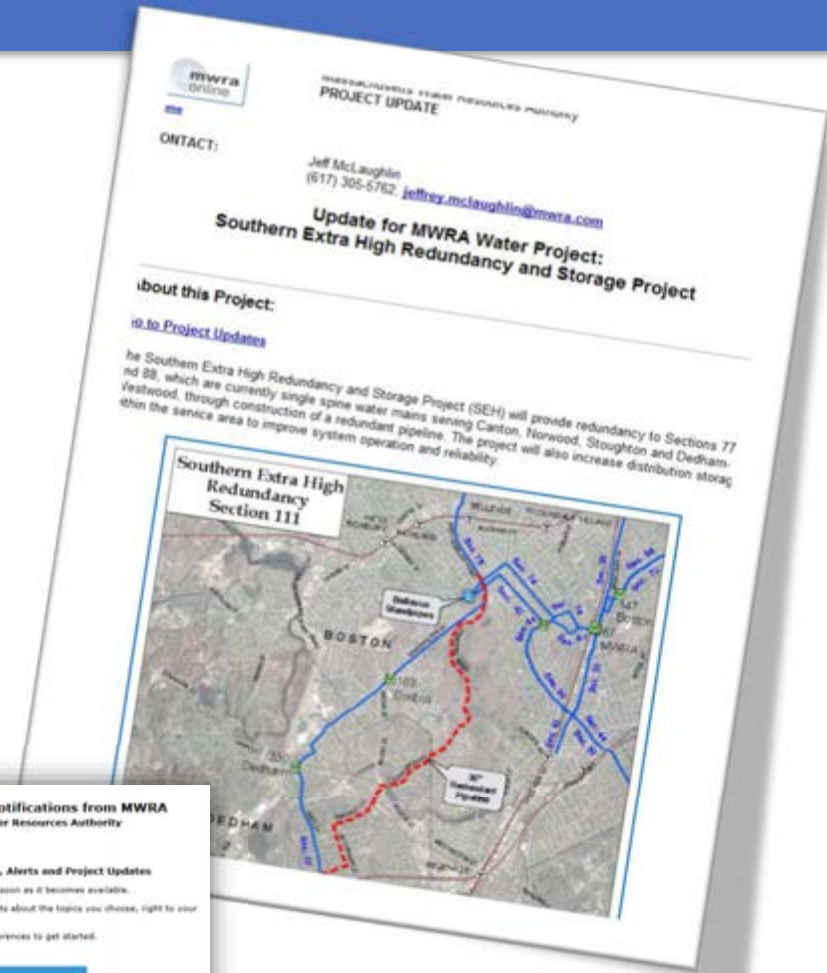


For More Information

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jeffrey.mclaughlin@mwra.com

Or visit the project page on
www.mwra.com

You can also sign-up for project updates delivered to you by text or email





Questions?