Rehabilitation of the New Boston Main Interceptor (NBMI)

BWSC Contract No. 21-309-005A

October 2022

Boston Water and Sewer Commission
Construction Management Team

Boston Water and Sewer Commission (BWSC), 617-989-7271
  • Irene McSweeney, Chief of Operations
  • Eileen Snedeker, Communications Program Manager

Contractor, R. Zoppo Corp., 781-318-9223
  • Paul Scally, Superintendent

Construction Management, 617-865-9299
  • Justin Gould, W&S Project Manager
  • James Arrigal, W&S Resident Engineer
  • Mike Sullivan, Stantec Project Engineer

Design
  • Stef Harrison, Stantec Project Engineer
  • Isadora Sartor, Stantec Project Engineer

Regina Villa Associates (RVA), Community Relations
  • Jason Silva, Project Manager

BWSC 24/7 Emergency Telephone Number, 617-989-7900
Rehabilitation of the New Boston Main Interceptor (NBMI)
Project Details

- Structure Rehabilitation:
  - Southampton Street – Siphon Chamber
  - Preble Street – Siphon Chamber
Project Details

• 500-feet of sliplining of the 102-inch combined sewer on Preble Street.
Project Details

• 24-inch sewer work at Moakley Park.
Project Details

• Structure Rehabilitation:
  • Andrew Square – Diversion Structure
Water Main Replacement

- Limits within the area of the Preble Street Siphon Chamber
- Water Main bypass to impact customers
- Reconnect domestic & fire services and remove any lead service
- 48-hour notice for tie-in connections
Construction Schedule

- Notice to Proceed: October 3, 2022
- Test Pits: October-December 2022
- Cleaning and Televising: November 2022
- Work on Structures (tentative):
  - Moakley Park: December 2022 – January 2023
  - Southampton Street: November 2022 – April 2023
  - Preble Street: November 2022 & April – October 2023
  - Andrew Square: October – December 2023
- Projected Completion: December 2023
Traffic Management

• Construction activities will occur during varying time periods.
• Emergency vehicle access will be maintained at all times.
• Detour on Preble Street will be posted in advance.
• Sub-contractors will support Zoppo with various tasks.
• At times, the contractor may work 24/7.
• Coordination with abutters and multiple agencies will continue.
Traffic Detour

• Work zones and traffic patterns are designed for worker safety and better traffic management.
• Temporary modifications to bus stops will be coordinated with MBTA.
Construction Challenges

- Traffic and Parking
- Noise and Dust
- Rodent Control
- Municipal Services
- Nighttime & Daytime Work
- Coordination with Private Projects
- Coordination with MassDOT Bridge Project
- Coordination with Boston Parks & Recreation
- Coordination with MBTA
Pavement Restoration

- Temporary paving installed as work progresses
- Permanent trench restoration generally within 6 months
- Sidewalk restoration – match existing
Community Relations

- Notice letters
- Neighborhood updates
- Website: [https://www.bwsc.org/nbmi](https://www.bwsc.org/nbmi)
- Issues & Questions: nbmi@bwsc.org
- Business coordination
- Print materials
- Field office voicemail, 617-865-9299

**DO NOT** allow anyone into your home without proper identification.
QUESTIONS ?
South Boston Sewer Separation

- Goals:
  - Improve Fort Point Channel Water Quality
  - Upgrade older water mains and sewers
  - Maintain high level of service
- Five (5) Construction Contracts
  - Water Main: 53,600 LF
  - Sewer: 36,200 LF
  - Drain: 38,000 LF
  - Rehabilitation: 40,100 LF
- Two (2) Permanent Paving Contracts