

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

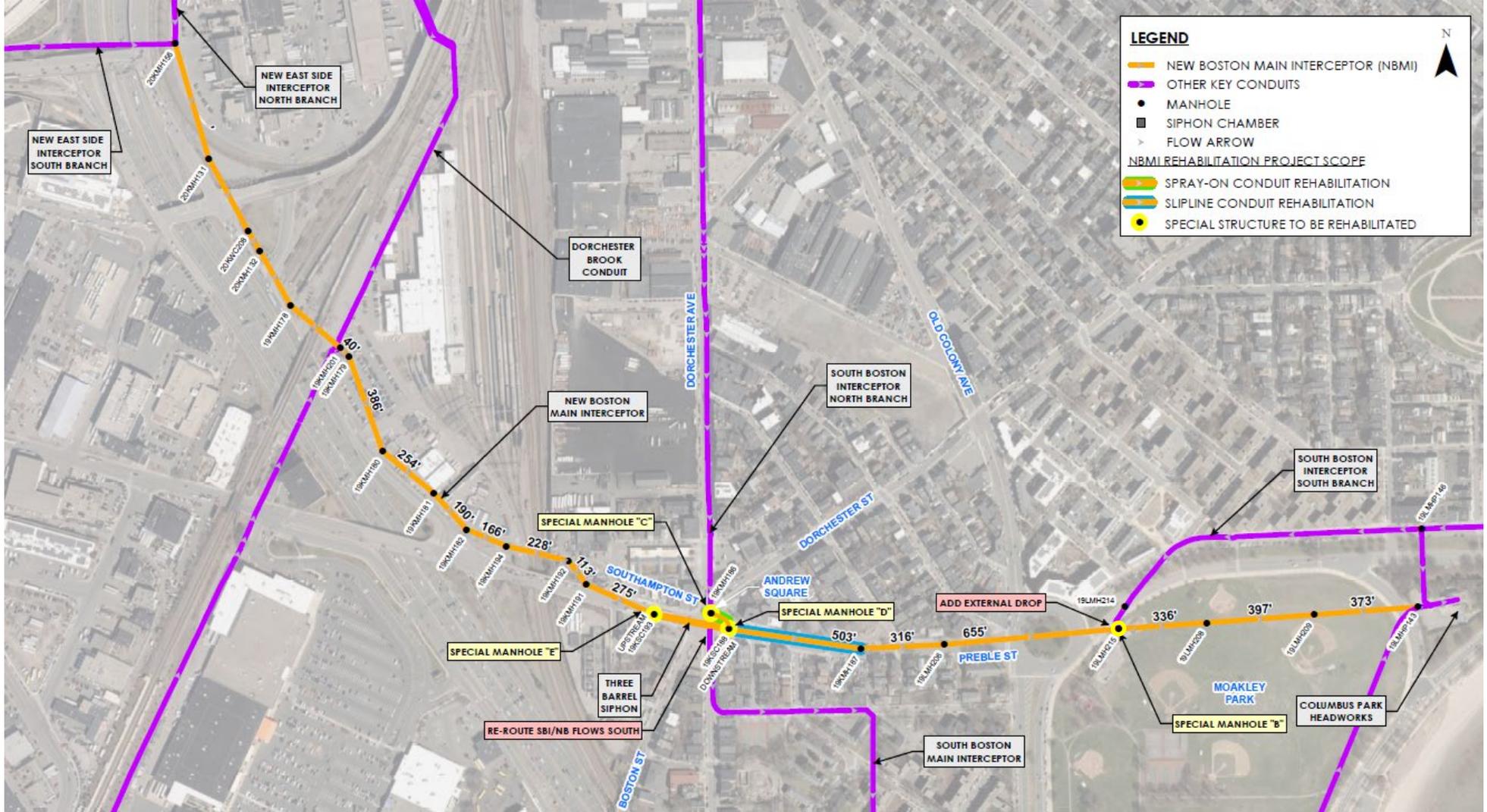
Regina Villa Associates (RVA), Community Relations

- Jason Silva, Project Manager

BWSC 24/7 Emergency Telephone Number, 617-989-7900

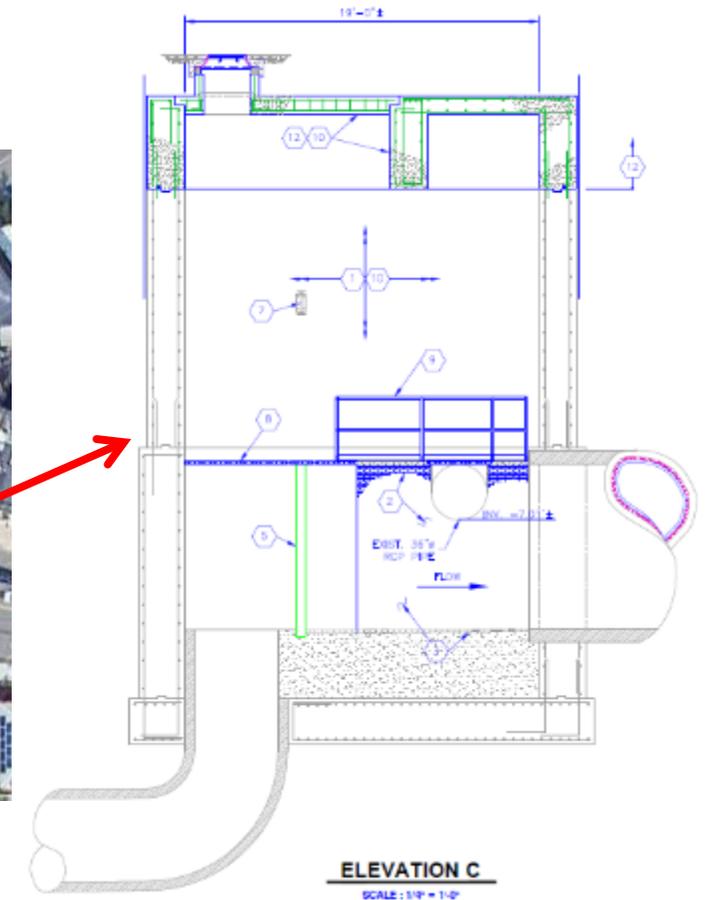
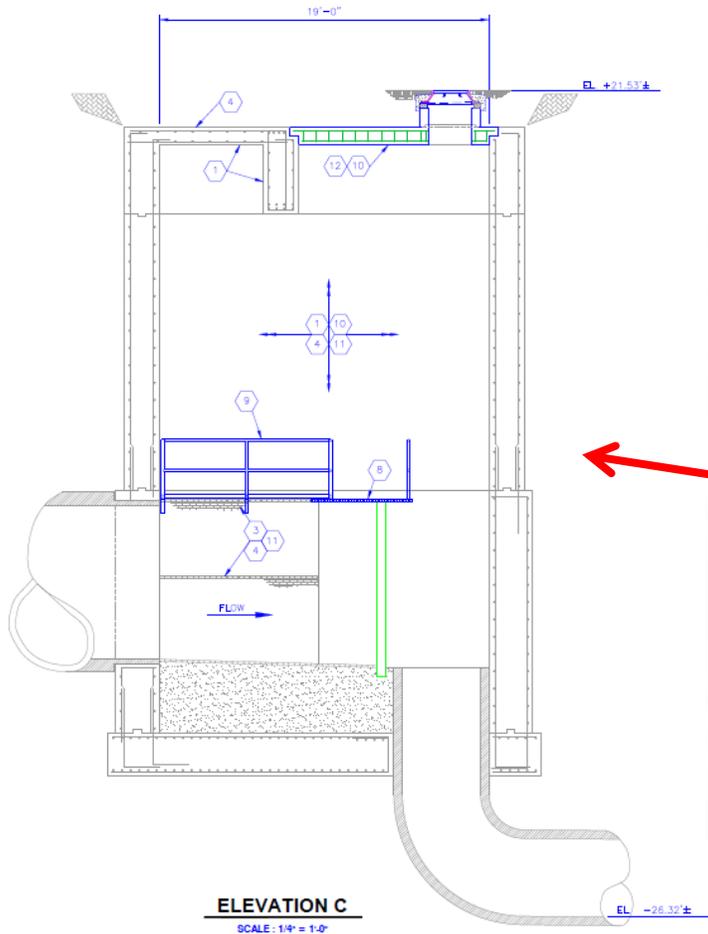


Rehabilitation of the New Boston Main Interceptor (NBMI)



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

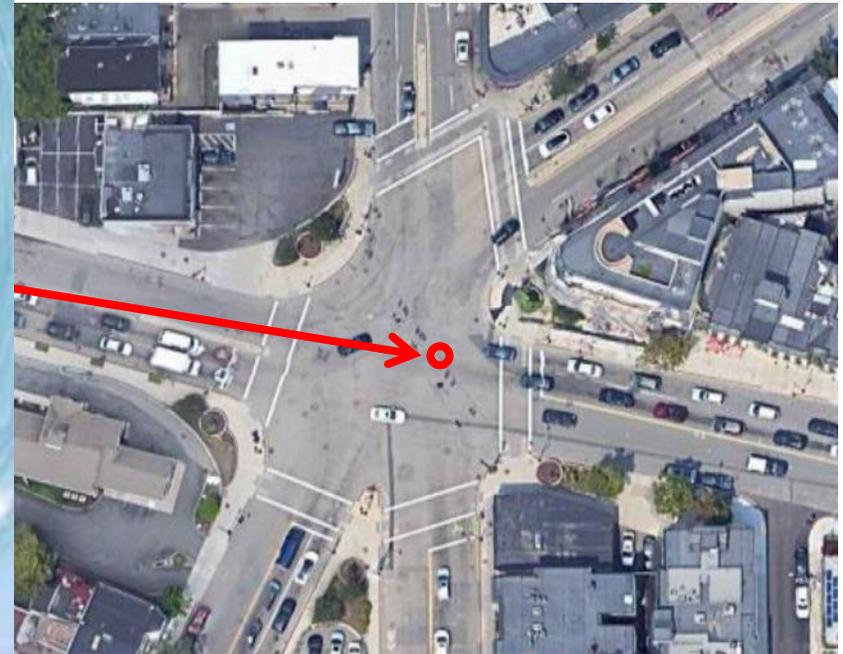
- 24-inch sewer work at Moakley Park.

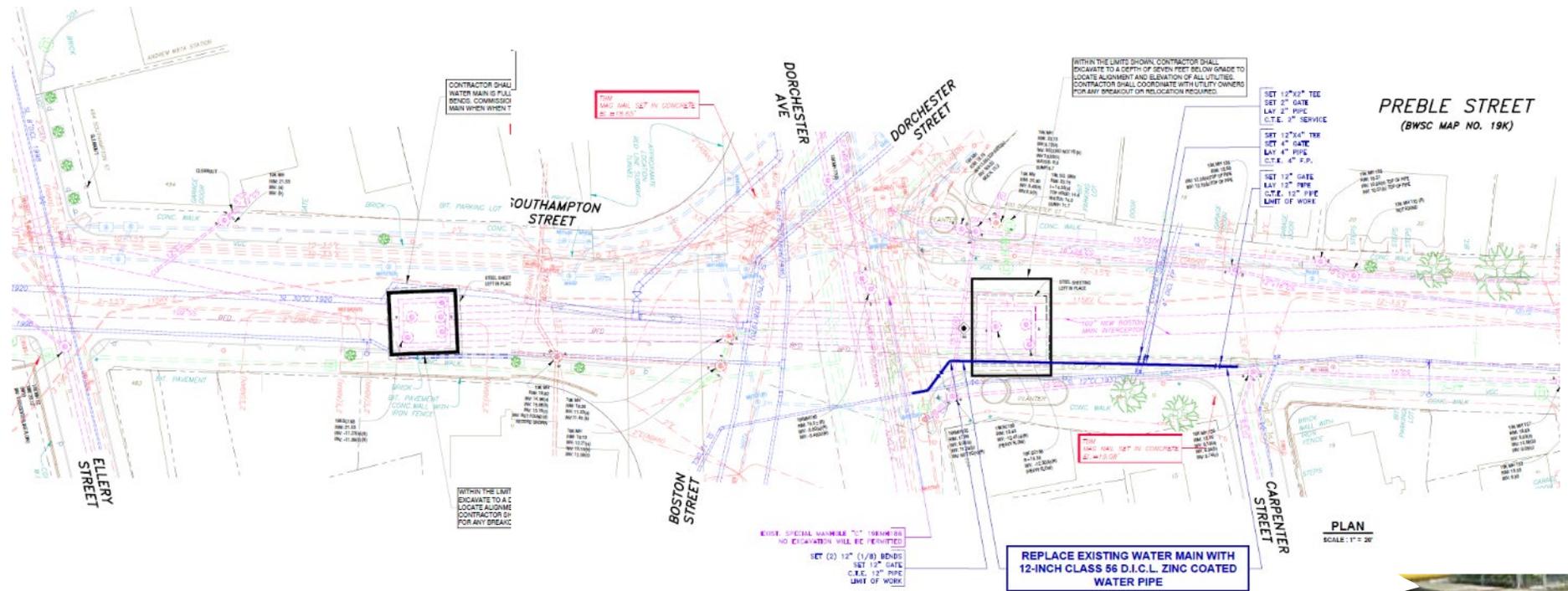


Project Details

- Structure Rehabilitation:
 - **Andrew Square – Diversion Structure**

EXIST. 57" X 66"





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.

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

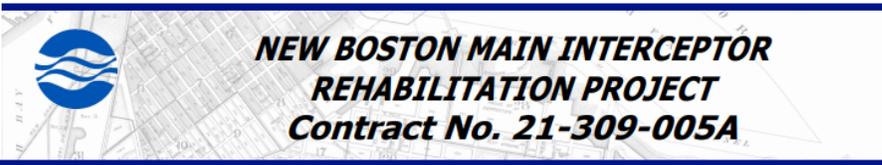


Pavement Restoration

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



Community Relations



OVERALL PROJECT UPDATE

The New Boston Main Interceptor (NBMI) is a critical part of the BWSC's wastewater system, carrying sewage and stormwater from more than 3,000 acres in City neighborhoods, including Roxbury, South End, South Boston and Downtown. Due to severe degradation the NBMI system needs to be rehabilitated. The goal of this project is to rehabilitate a 500-foot portion of the existing 102-inch NBMI sewer system and four major sewer structures. The sewer system is approximately 25 to 35 feet deep, and rehabilitation work is being done in a "trenchless" manner to avoid deep excavation along the pipe length and to minimize neighborhood and traffic disruption. However, rehabilitation of the structures will require establishing and occupying work zones for an extended amount of time. Construction for this contract is anticipated to begin this month, October 2022.

Notice to Proceed:	• October 3, 2022
Test Pits:	• October-December 2022
Cleaning and Televising:	• November 2022
Work on Structures:	• Throughout 2023
Projected Completion:	• December 2023



AFFECTED AREAS

- Southampton Street: Ellery Street to Dorchester Avenue
- Preble Street: Dorchester Avenue to Rogers Street
- Dorchester Avenue: Preble Street at Dorchester Street
- Moakley Park: near 1187 Columbia Road

Impacts to traffic and parking are anticipated around the work zones. Work is being coordinated with the MassDOT project on Dorchester Avenue and the Boston Park and Recreation Department's Moakley Park project.

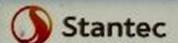
CONTACT INFORMATION

24/7 Emergency: (617) 989-7000
Field Office: (617) 865-9299

BWSC Commission:
 Chief of Operations: Irene McSweeney (617) 989-7271
 Communications: Eileen Snedeker (617) 989-7223
 Resident Engineer: Jim Arrigal (617) 865-9299

- Notice letters
- Neighborhood updates
- Website: <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.



Stantec
Approved Contractors for Boston Water and Sewer Commission



Sartor Isadora

Expiration Date: 12/31/2018

QUESTIONS ?



Boston Water and
Sewer Commission

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

