



REHABILITATION OF THE NEW BOSTON MAIN INTERCEPTOR

Contract No. 21-309-005A

Report for October 1 through October 31, 2022

PROJECT SUMMARY

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. 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 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.

SPECIAL MANHOLE B

COMPLETED WORK

Structure inspections

UPCOMING WORK

None anticipated

SPECIAL MANHOLE C

COMPLETED WORK

Structure inspections

UPCOMING WORK

Clean out debris and televise the downstream pipe down Dorchester Avenue to the existing manhole at Devine Way

SPECIAL MANHOLE D

COMPLETED WORK

Structure inspections

UPCOMING WORK

Test Pits above structure

Cleaning out debris, taking measurements of the pipe downstream using LiDAR (laser technology to measure the pipe walls) and sonar, and pulling a mandrel (essentially a full-scale model of a pipe segment) through the portion to be sliplined. This is done as a test to make sure the pipe will fit before it is ordered and manufactured.

SPECIAL MANHOLE E

COMPLETED WORK

Structure inspections

UPCOMING WORK

Test Pits above structure



Inspection of Manhole "B"



Inspection of Manhole "D"