



REHABILITATION OF THE NEW BOSTON MAIN INTERCEPTOR

Contract No. 21-309-005A

Report for December 1 through December 28, 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

Set up a work zone in Moakley Park near the rink and ballfields, and excavated deep in the ground to replace and reconfigure a deep pipe where flows come into the NBMI from the north to reduce turbulence. The purpose of this work is to reduce the corrosive and odorous gases caused by the sewer.

UPCOMING WORK

Site demobilization.

SPECIAL MANHOLE C

COMPLETED WORK

Initial investigations and cleaning.

UPCOMING WORK

To be scheduled in 2023.

SPECIAL MANHOLE D

COMPLETED WORK

Initial investigations, cleaning, and test pits. Measured downstream pipe to be sliplined using laser and sonar technology, as well as pulling a model of the pipe segment through to make sure the slipline pipe will fit.

UPCOMING WORK

To be scheduled in 2023.

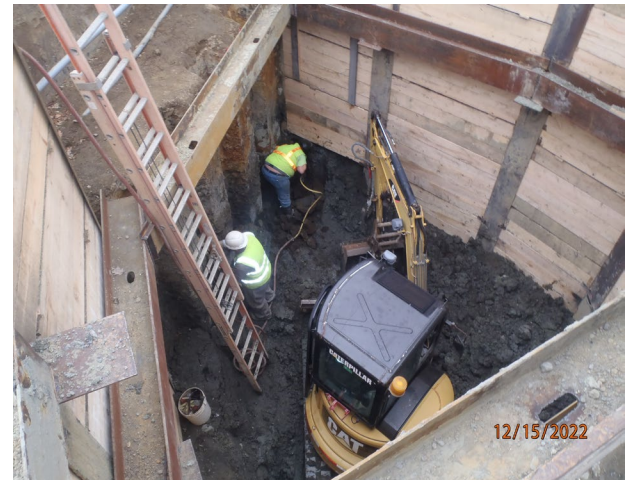
SPECIAL MANHOLE E

COMPLETED WORK

Initial investigations, cleaning and test pits.

UPCOMING WORK

Set up a work zone that will be permanent for several months, with traffic to be maintained in both directions. Begin rehabilitation activities inside the underground structure, including rebuilding and coating concrete and brick/mortar surfaces and replacing ladders, platforms, and railings necessary for safe maintenance.



Excavation in Moakley Park

Contact us at:

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