



BOSTON WATER & SEWER COMMISSION
REHABILITATION OF THE NEW BOSTON MAIN INTERCEPTOR – Phase II
Contract No. 24-309-005
Report for April 1 through 30, 2024

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 2,000-foot portion of the existing 102-inch NBMI and two 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. This Contract involves rehabilitation a portion of the NBMI system under Preble Street and Moakley Park. Most of the work is done from within Moakley Park and a parking lot owned by the Massachusetts Water Resource Authority (MWRA).

PIPE SLIPLINING (MOAKLEY PARK)

Established work zone in unpaved parking area. Drove piles and sheeting into the ground to form the walls of the jacking pit and are nearing completion on the excavation work. Upcoming work: Complete excavation and pour a concrete working floor.

SPECIAL MANHOLE A (MWRA PROPERTY)

Completed cleaning. Rehabilitation work is planned to be done following sliplining work.

SPECIAL MANHOLE B (MOAKLEY PARK)

Rehabilitation work is planned to be done following sliplining work.



MAJOR WORK ITEMS

Work	Commence Date (est.)	Percent Complete
System Cleaning/Inspections	Jan 2024	100%
Access Shaft & Pipe Sliplining	Apr 2024	10%
Special Manhole A	Oct 2024	0%
Special Manhole B	Jan 2025	0%



Piles are installed to provide support of excavation.



Once support of excavation is installed, excavation begins.