



**BOSTON WATER & SEWER COMMISSION**  
**REHABILITATION OF THE NEW BOSTON MAIN INTERCEPTOR – Phase II**  
**Contract No. 24-309-005**  
**Report for March 1 through 31, 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)**

Completed system cleaning. Installed turf covers two manholes in Moakley Park for worker access and safety, while maintaining ballfield use. Pulled mandrel (model of full-scale pipe segment) through the portion to be sliplined to make sure the pipe will fit before it is ordered. Upcoming work: Begin excavating jacking pit at Moakley Park. This will involve establishing a work zone that will be in place for several months.

**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	0%
Special Manhole A	Oct 2024	0%
Special Manhole B	Jan 2025	0%



*Buried manholes in Moakley Park are raised and fitted with turf covers in ballfields.*



*Mandrel is pulled through the NBMI pipe to confirm slipline pipe sizing.*