NYC Environmental Protection

Bronx River

Improving Water Quality through
Reducing Impacts of Combined Sewer Overflows*

EXISTING PROJECTS

1. Hunts Point WWTP Headwork Upgrades
2. Floatables Control

Floatables Control

COST

$46M

STATUS

In Operation

In Operation since 2012

GREEN INFRASTRUCTURE

Continue to implement Green Infrastructure Program

On June 30, 2015, the City submitted a Long Term Control Plan (The Plan) for Bronx River followed by Supplemental Documentation to The Plan submitted on September 23, 2015 to the New York State Department of Environmental Conservation (DEC). Throughout The Plan's development, the City collected water quality data, performed extensive modeling, held multiple public meetings and analyzed potential solutions based on costs and anticipated water quality benefits. To review this analysis and data visit www.nyc.gov/dep/ltcp. DEC approved the City's recommended plan on March 7, 2017.

ELEMENTS OF THE PLAN

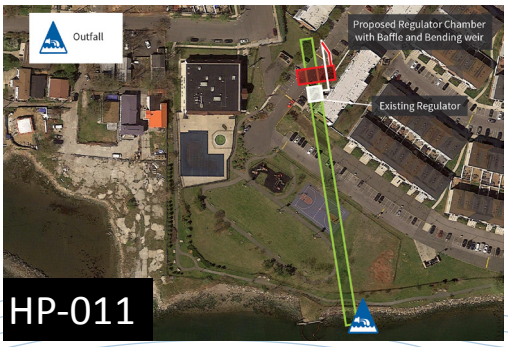
Hydraulic Relief at CSO Outfalls HP-007 and HP-009 and floatables control at CSO Outfall HP-011.

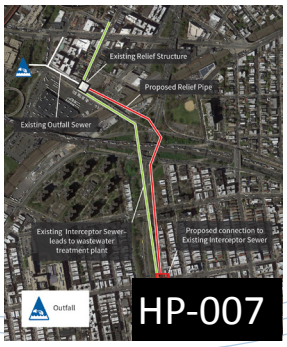
COST

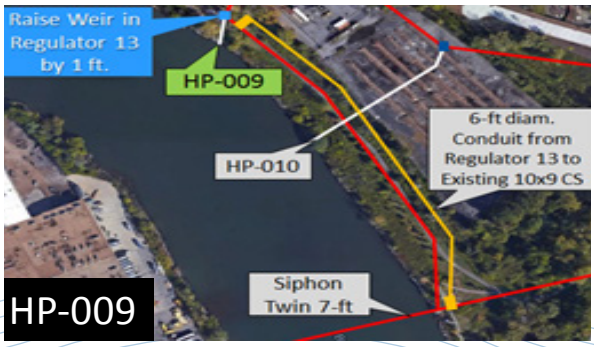
Probable Bid Cost:
$110M

Total Escalated Cost(1):
$185M

(1) Includes Design, DSDC, Construction, and CM







*** Combined Sewer Overflow (CSO):** When the sewer system is at full capacity, a diluted mixture of rain water and sewage may be released into local waterways. This is called a combined sewer overflow (CSO).

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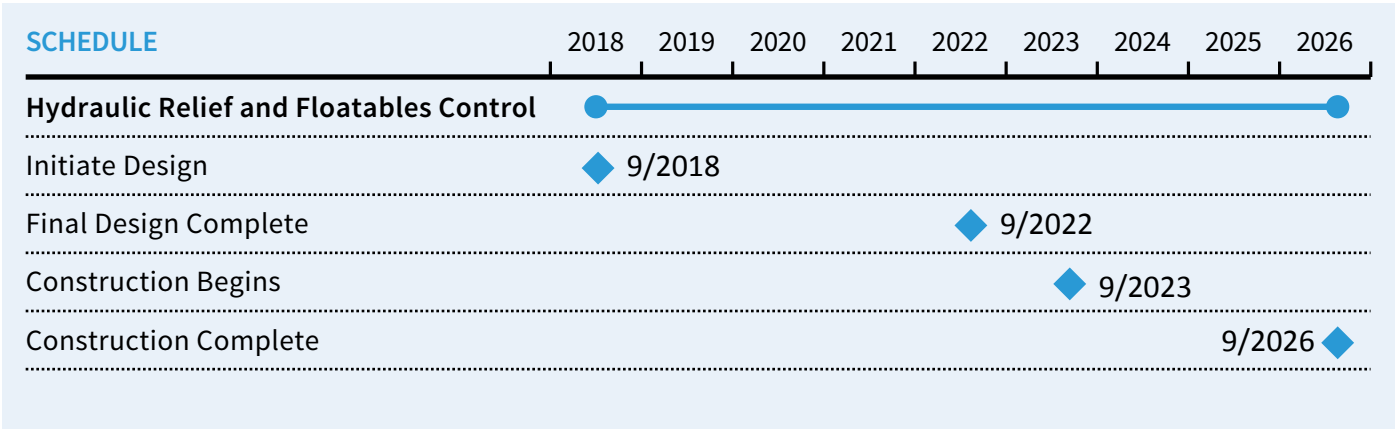
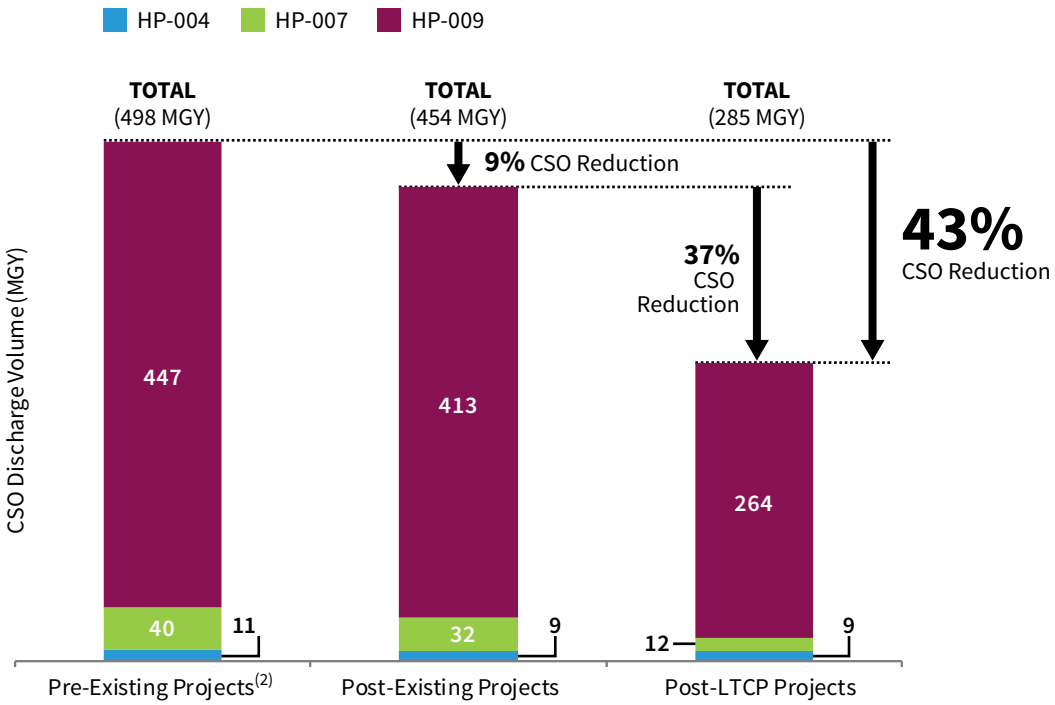


While the existing projects in Bronx River successfully reduced CSO Volume by 9% the approved plan focuses on reducing an additional 37% of CSO by volume.

BENEFITS TO BRONX RIVER



(2) Pre-Existing Project CSO volumes reflect conditions without Waterbody Watershed Facility Plan (WWFP) Projects, Green Infrastructure and other sewer improvements