

# Christian Brook CSO Abatement Project

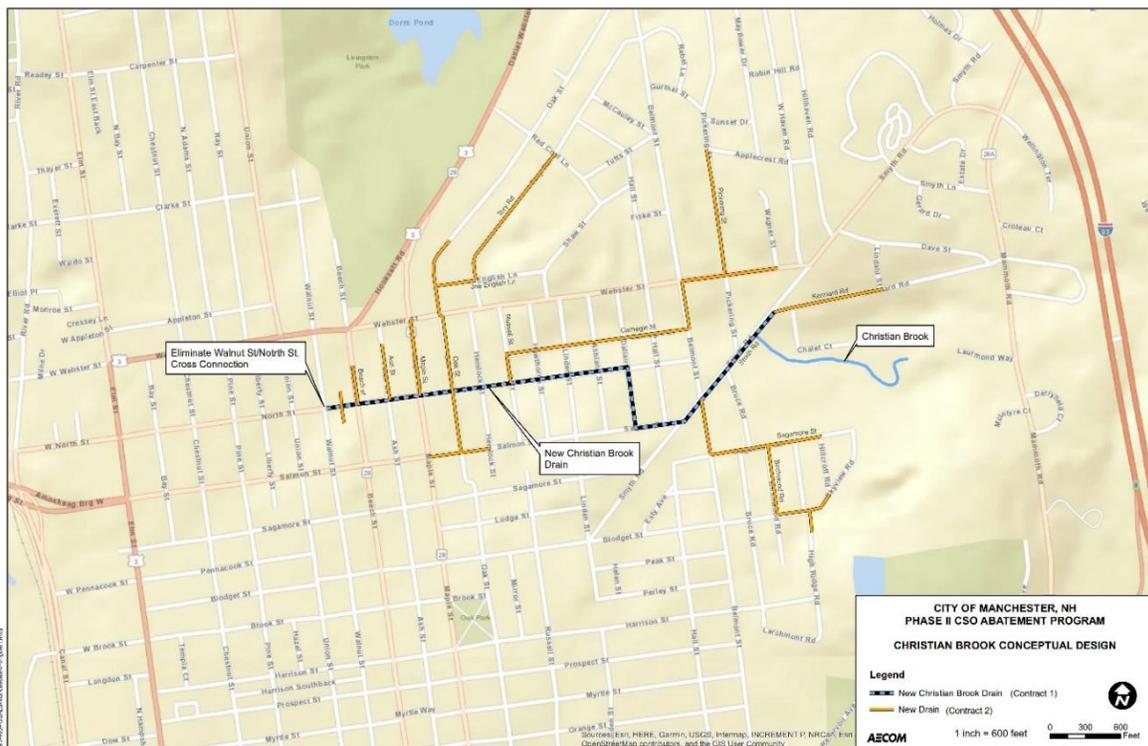
## Website Notice

### September 2020 Update

#### Christian Brook CSO Abatement Project

As part of Manchester's ongoing combined sewer abatement program, the City initiated a multi-year project to improve the wastewater and stormwater systems in the Christian Brook Drainage Basin. This project will ultimately separate the current combined sewer and drainage piping by constructing a new drainage system over the next six years. This will help reduce negative water quality impacts resulting from combined sewer overflows discharging into the Merrimack River during heavy rain events.

The design phase of the project was initiated in the fall 2019. At that time, the City's engineer, AECOM and their subconsultants, started a two-year process of collecting field information, completing survey and preparing plans and details associated with the new drainage system, which is currently anticipated to include approximately 3.5 miles of pipelines ranging from small sizes to large, 5-foot diameter conduits. Design will be followed by a series of construction contracts during which contractors will build the new stormwater drainage systems. Construction is scheduled to begin in Spring 2021 and is expected to take approximately four years to complete. This work is tentatively scheduled for completion in 2025.



#### Completed activities and anticipated progress through December 2020 include:

- Completed fall 2019 and spring 2020 soil boring programs
- Completed television inspection of existing sewers
- Completed field survey of existing conditions within the design corridors
- Completed investigation of existing pipes, manholes and catch basins
- Completed draft television inspection and structure assessment report
- Completed draft 30% design for Contract 1(Christian Brook Drain)
- Finalize 30% design for Contact 1
- Finalize television inspection and structure assessment report
- Complete 60% design for Contract 1