

DEPARTMENT OF PUBLIC WORKS

Sanitary Sewer Modified Consent Decree

Project Facts



SC #941:

Sewer Collection System Improvements in the Jones Falls Sewershed

Project Purpose

To comply with the conditions of the City's Modified Consent Decree with the U.S. EPA and MDE

- To inspect a sewer system that is up to 100 years old
- To prioritize pipe rehabilitation work through condition assessment
- To indirectly:
 - improve sewage flows and pipe capacity
 - To reduce/eliminate sewer overflows
 - To eliminate street closures due to sewer pipe collapses
 - To improve water quality in streams
 - To prevent sewer back-ups into private property

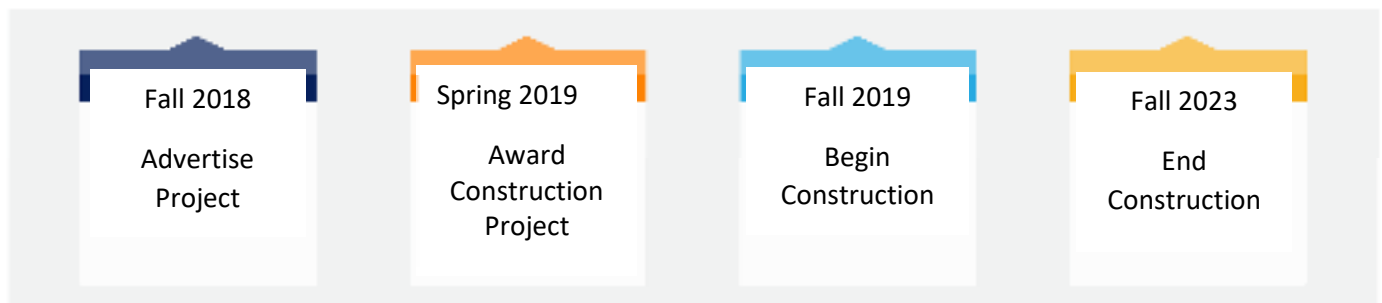
Project Area Map



Project History

In 2002 the City of Baltimore (City) entered a Consent Decree with the U.S. Environmental Protection Agency (EPA) and the Maryland Department of the Environment (MDE). A Consent Decree is an agreement made in court by the parties to settle a suit in equity. In 2017, the Modified Consent Decree (MCD) was entered to address sewer system deficiencies in a proactive program by 2030. More information on the Consent Decree can be found at: <http://publicworks.baltimorecity.gov/>

Project Schedule



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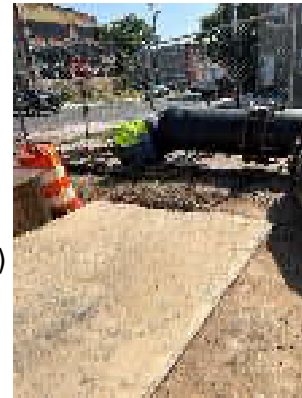
Sewer Collection System Improvements in the Jones Falls Sewershed

Project Updates

- Manhole Rehabilitation – Various Locations– ongoing.
- Pressure Sewer Installation Along Ellsworth St and Rutland Ave
 - Heavy machinery will be used (construction noise is expected)
 - Lane closures /lane adjustments are expected
 - Prestressed Concrete Cylinder Pipe (PCCP) installation on Ellsworth St and Rutland Ave is ongoing. Ellsworth St remains closed to traffic
- Broadway Bypass Pumping – Updated Route and Traffic Control
 - Bypass anticipated to be deployed during September 2022 and set to go active May 2023. Several ADA compliant modifications for pedestrians at Biddle St. and at Preston St.
 - Preston St remains closed to traffic. Traffic detour will be in place through September 2023. New pedestrian ramp across Preston St.
 - 1700 block of E. Chase St is closed. Detours are posted.

Project Activities

- CCTV of Sanitary Sewers (47,000 LF)
- Cleaning of Sanitary Sewers (47,000 LF)
- Open Cut Replacement of Sanitary Sewer (178 LF)
- Rehabilitation Sanitary House Connection (199 EA)
- Siphon construction on Falls Rd
- Vault construction on Broadway
- Valve replacement at Oliver St
- PCCP Installation – Ellsworth St, Rutland Ave
- Air Quality Testing started and will be ongoing through the end of the project along N Broadway at E. Oliver, Ellsworth, E. Preston , E. Biddle, and E. Chase St.



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Project Locations

ELLSWORTH & BROADWAY



- A. 1326 N Broadway
- B. Proposed Pressure Sewer Vault #1. Pit secured and enclosed by fencing/barriers. Heavy machinery will be used (construction noise is expected).
- C. Above ground by-pass piping to allow for Pre-stressed Concrete Cylinder Pipe (PCCP) Installation
- D. Ellsworth St closed for PCCP Installation

UPCOMING ACTIVITIES:

PIPE INSTALLATION ON ELLSWORTH ST WILL CONTINUE.

RUTLAND AVENUE



- A. Rutland St PCCP Installation. Heavy machinery will be used (construction noise is expected)
- B. Rutland St PCCP Installation Heavy machinery will be used (construction noise is expected)
- C. Above-ground by-pass piping along N Gay St.

UPCOMING ACTIVITIES:

RESTORATION OF THE ROADWAY, CURBS, SIDEWALK IN THE 1100 BLOCK OF BROADWAY HAS BEEN COMPLETED.

PIPE INSTALLATION IN THE 1200 BLOCK OF RUTLAND AVE WILL CONTINUE.

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1100 BLOCK OF N. BROADWAY



A – 1101 N. Broadway

B & C – Handicap accessible curb ramps to cross Chase St and access the sidewalk on the 1100 block (odd numbers) of Broadway

D – Bypass outfall protected by barriers and fencing. Chase St closed in the 1700 block. Parking in this block is not impacted.

E – Parking Lane occupied by two 30 inch diameter pipes

Gas monitor will be placed at this location during active bypass.

Chase St outfall manhole structure will be restored after bypass pipes removed.

UPCOMING ACTIVITIES:

REPAIR TO HOLE IN ALLEY BEHIND 1109 N BROADWAY ON JUNE 1. CONCRETE REPAIR TO ALLEY JUNE 2

SEWER GAS MEASUREMENTS JUNE 1-2 AT CHASE ST OUTFALL, THE VAULT AT OLIVER ST & MIDBLOCK POINTS IN BETWEEN. A REPORT WILL BE CREATED WEEK OF JUNE 3

REMEDICATION METHODS WILL BE IMPLEMENTED AFTER DATA IS ANALYZED

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Note about project delays

The work in the N. Broadway - Ellsworth St - Gay St - Chase St corridor has experienced significant delays due to (1) adverse subsurface conditions (2) conflicts with existing utilities, (3) supply chain disruptions due to the COVID-19 pandemic and (4) need for replacement of non-functioning valves, which are a long lead-time item in the current economic climate. The original schedule would have dictated that the traffic control measures would be in place during the period October-November 2021. However, because of the delays, the traffic control measures were implemented in October 2022 and expected to remain through September 2023. Bypass is expected to go active May 2023. During the latest phase of the bypass configuration, some parking will be eliminated on the 1400 and 1500 blocks of N. Broadway (southbound direction). The single traffic lane will be shifted to the parking lane. These required changes have made it necessary to upgrade current traffic control measures, achieving greater ADA compliance throughout the site. Drivers and bicyclists are urged to exercise caution.

The project team is deeply apologetic to the members of the community for the adverse impacts of these delays and is trying its best to accomplish the project goals in spite of them.

We hope this provides insights for upcoming work as we strive to safely complete this project. If you have any question; you may call (410) 396-4700; Monday through Friday; between 8:30 AM and 4:30 PM. Mr. Indranil Goswami, the project manager can be reached at (410) 396-4700, as well as via email; Indranil.Goswami@baltimorecity.gov. Additional information and resources are also available on our website <https://publicworks.baltimorecity.gov/sewer-consent-decree-project-history>

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