

DEPARTMENT OF PUBLIC WORKS

Sanitary Sewer Modified Consent Decree

Project Facts



SC #941:

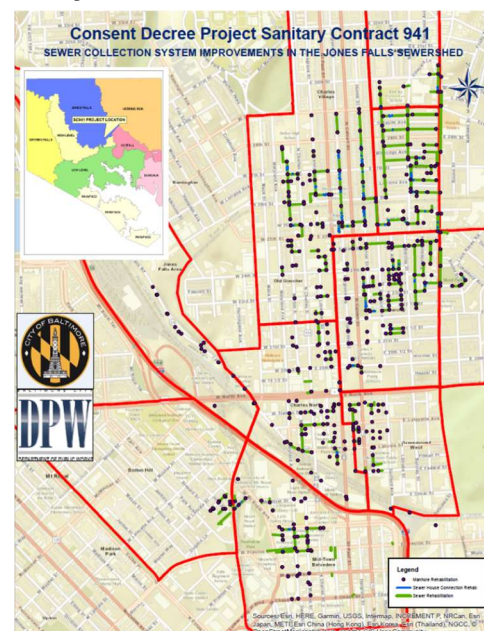
Sewer Collection System Improvements in the Jones Falls Sewershed

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

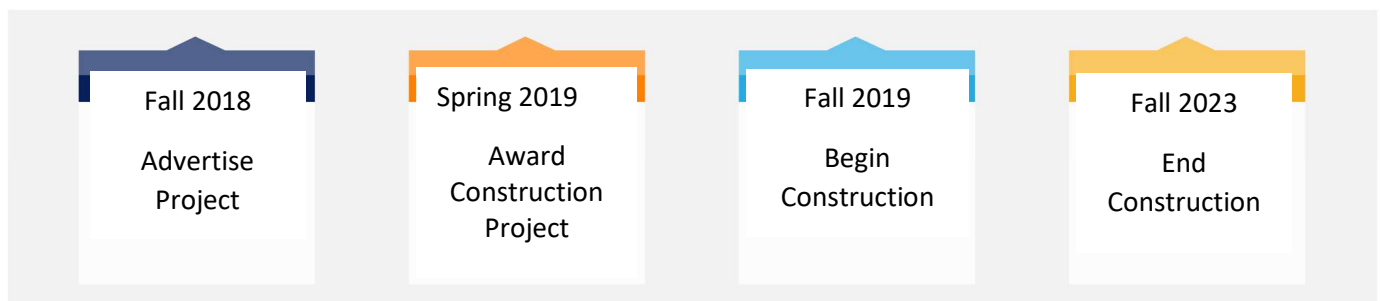
Project Area Map



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/>

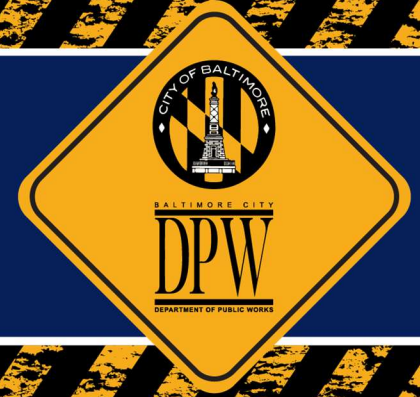
Project Schedule



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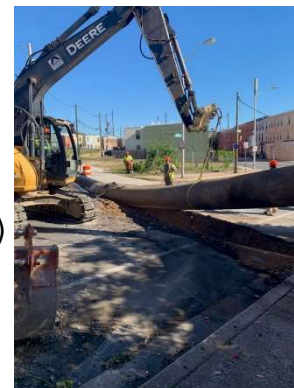
Sewer Collection System Improvements in the Jones Falls Sewershed

Project Updates

- Manhole Rehabilitation – Various Locations– ongoing.
- Pressure Sewer Installation Along Ellsworth St and Rutland Ave
 - Ellsworth St will be opened after restoration around the Vault 1 is completed (intersection of Ellsworth & Broadway)
 - Rutland Ave is open to traffic
- Broadway Bypass Pumping – Updated Route and Traffic Control
 - Bypass is offline as of October 17, 2023.
 - Preston St is now open to foot and vehicular traffic. Pedestrian ramp across Preston St was broken down and now removed.
 - 1700 block of E. Chase St remains closed. Detours are still 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

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 (pole-mounted) has been placed at this location to collect continuous H₂S readings.

Chase St bypass outfall has been reconfigured to receive bypassed sewage flow. Manhole structure will be restored after bypass pipes removed.



WEEKLY GAS MONITORING VISITS CONTINUED DURING WEEK OF OCTOBER 23RD. HANDHELD METERS REGISTERED LOW-LEVEL ODORS.

INTERGRATED SAMPLES CONTINUE TO SHOW AVERAGE JUST BELOW 6 PPB, WELL BELOW THE PROJECT GOAL OF 17 PPB.

BYPASS PIPING HAS BEEN REMOVED. MANHOLE HAS BEEN PLATED. TOP SLAB HAS BEEN CAST. CURB AND SIDEWALK PANELS HAVE BEEN REPAIRED

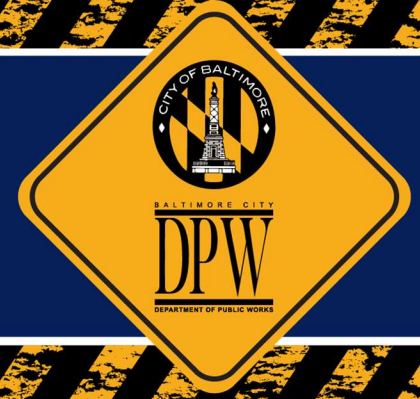
UPCOMING ACTIVITIES:

CHASE ST MANHOLE RESTORATION WILL BE COMPLETED OCT 26-27

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ELLSWORTH & BROADWAY



ONGOING ACTIVITIES:

ALL WORK AT THE VAULT IS COMPLETE. ALL BYPASS PIPING HAS BEEN REMOVED. NEW SEWER SYSTEM IS ACTIVE.

RESTORATION ON ELLSWORTH ST (D) IS COMPLETE. RESTORATION OF STAGING AREA IS COMPLETE – GRASS IS GROWING

UPCOMING ACTIVITIES:

STREETLIGHTS ON ELLSWORTH WILL BE REPLACED

RUTLAND AVENUE



- A. Rutland St (1200 block) PCCP installation and restorations is complete. Street is open to traffic (one-way)
- B. Rutland St (1100 block) PCCP installation and restorations is complete. Street is open to traffic
- C. Above-ground by-pass piping along N Gay St

RESTORATION ON 1100 AND 1200 BLOCKS OF RUTLAND AVE IS COMPLETE. THE STREET IS OPEN TO TRAFFIC. TREES PLANTED ON THE EAST SIDE OF RUTLAND AVE.

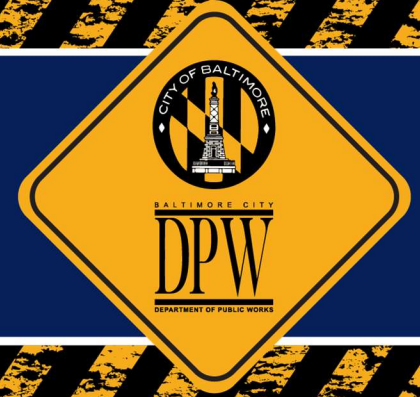
UPCOMING ACTIVITIES:

NONE

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OLIVER & BROADWAY



WEEKLY GAS MONITORING VISITS CONTINUED WEEK OF OCT 16TH. HANDHELD METERS REGISTERED LOW-LEVEL ODORS. THE 16TH FULL WEEK OF CONTINUOUS DATA SHOWED 'NO H2S HITS'.

INTERGRATED SAMPLES CONTINUE TO SHOW AVERAGE JUST BELOW 6 PPB, WELL BELOW THE PROJECT GOAL OF 17 PPB.

LANE SHIFT IS IN PLACE (IMPLEMENTED WEEK OF JULY 3RD) IN THE 1400 & 1500 BLOCKS OF SB BROADWAY – NO PARKING (EVEN SIDE ONLY), WILL BE RETURNED TO ORIGINAL CONFIGURATION ONCE TOP SLAB AT OLIVER ST IS POURED

BYPASS DEACTIVATED OCT 17TH. REMOVAL OF BYPASS PIPES COMPLETED

UPCOMING ACTIVITIES:
TOP SLAB RESTORATION IS ONGOING.

TREES REMOVED FROM THE BROADWAY MEDIAN WILL BE PLANTED FOLLOWING BYPASS PIPE REMOVAL



SITE CLEANED UP



NEW VALVES IN OLIVER ST VAULT

Note about project delays

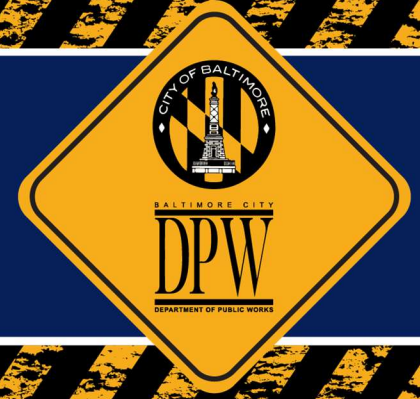
The work in the N. Broadway - Ellsworth St - Gay St - Chase St corridor has experienced significant delays due to (1) adverse subsurface conditions (2) conflicts with existing utilities, (3) supply chain disruptions due to the COVID-19 pandemic and (4) need for replacement of non-functioning valves, which were 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 November 2023.

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.

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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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