



Sanitary Contract 940 Hydraulic Improvements to the High Level Sewershed Collection System

October 01, 2021

To whom it may concern,

Sanitary Contract 940 is underway, and work is being completed at multiple locations. Work activities primarily consist of replacement and upsizing of sanitary sewers by open-cut excavation and installation of a large diameter relief sewer by micro-tunneling. The purpose of this project is to:

- Repair the aging sewer system
- Prevent sewer back-ups into private property
- Reduce/eliminate sewer overflows
- Improve sewage flows and pipe capacity
- Bring the City into long-term compliance with the Clean Water Act (1972)
- Comply with the conditions of the Consent Decree with the US EPA & MDE
- Improve stream water quality

SC940 is approximately 70% complete with an expected end date of Spring 2022.

Below is the project construction status update:

Work Completed To-Date

- **Open-cut sewer replacement work has been successfully completed at the following locations:**
 - 3000-3100 Blocks of Oakley Avenue
 - 3600-3700 Blocks of Belle Ave, Ayrdale Road (from Barrington Ave to Belle Ave), and W Cold Spring Ln
 - 3800 Blocks of Sequoia Ave, Callaway Ave, Belle Ave (rear grass alley), Copley Road, Copley-Dolfield Alley
 - 4400 Block of Towanda Ave
 - 3800 Block of Grantley Ave
 - 4800 Block of Homer Ave and Park Heights Ave
 - 4900 Block of Queensberry Ave
- **Open-cut sewer main installations have been successfully completed at the following locations:**
 - 4500-4600 Reisterstown Road (restoration and striping were completed)
 - 3300-3400 Virginia Avenue (Sewer main construction and lateral tie-ins)
 - 3200 Block of Woodland Ave
- **Shaft Construction (preparation work for micro-tunneling)**
 - 17 tunneling shafts have been completed at 2800 N. Dukeland Street, 3050 Liberty Heights Avenue, 3400-4000 blocks of Wabash Ave, 4000 block of Hilton Road, 4049 Cedardale Road, 4032 Grantley Road, 3010 West Cold Spring Ln, and 2900 block of West Cold Spring Ln.
 - These shafts will be utilized for tunneling operations over the coming months
 - Once tunneling work is completed, a manhole (access point) will be installed, and the shaft will be backfilled
 - Restoration work for roadways, grass, sidewalks, and curbs will follow once construction is completed
- **Micro-tunneling for new relief sewers**
 - Tunneling was successfully completed along Wabash Ave (between Liberty Heights & Hilton Road)
 - Tunneling was successfully completed underneath the CSX railroad tracks near Wabash Ave & Cold Spring Ln

Work Underway (Ongoing)

- **Roadway, sidewalk, and grass restoration**
 - Work entails replacement of impacted concrete roadways, asphalt roadways, curbs, sidewalks and grass
 - “No Parking” signs may be installed as required to complete restoration work
 - Temporary traffic modifications may be implemented while roadway repairs are underway
 - Work will take place during normal work hours, excluding holidays and weekends
 - Scheduled areas include:
 - 3300 – 3700 Blocks of Belle Avenue
 - 3800 Block of Belle Ave (rear grass alley)

- **Restoration in the wooded area behind the 4000 Block of Hilton Rd**
 - Access for construction is utilizing existing work areas near 4054 Hilton Road (no new impacts to drivers)
 - Perimeter safety fencing has been installed to prevent unauthorized access and ensure public safety. This fencing will remain in place through the end of the year while the site is fully restored
 - Restoration work for soil replenishment in the disturbed areas is underway
 - Restoration work for trees will take place in Fall 2021 and Spring 2022, when it is seasonally appropriate
 - The guardrails and roadways at the Wabash-Hilton bend will take place once construction is complete.

- **Microtunneling for new relief sewer is preparing to begin at 3000 Block of W Cold Spring Lane**
 - Heavy machinery is being utilized above and below the ground. Construction noise is expected.
 - Minor vibrations may be felt in the vicinity of the immediate work area. This is normal
 - The excavated shafts will be utilized for tunneling operations over the coming months
 - The tunneling shafts will remain in place for approximately 4 months while ancillary activities are completed
 - The modified traffic pattern will remain in effect through Spring 2022.
 - Daytona Avenue at W Cold Spring Lane has been closed for public safety during work.
 - Active tunneling work is expected to take approximately 4 weeks to complete

- **Microtunneling for new relief sewer is underway from Wabash & Belle Ave towards Hilton Road**
 - Heavy machinery is being utilized above and below the ground. Construction noise is expected.
 - Minor vibrations may be felt in the vicinity of the immediate work area. This is normal.
 - The existing modified traffic patterns along Wabash Ave & Cold Spring will remain through Spring 2022
 - Once all tunneling work is completed along Wabash Ave, manholes (access points) will be installed, and the shafts will be backfilled.
 - Restoration work for roadways, grass, sidewalks, and curbs will follow later
 - Work will take approx. 2-3 weeks to complete.

- **Open-cut sewer main replacement will continue along the 3600 block of Belle Avenue (Dolefield to Callaway)**
 - Work entails excavating to replace and upsize the existing sewer main
 - Heavy machinery will be used for the pipe construction work (construction noise is expected)
 - Work will take place in the eastbound lane of Belle Avenue.
 - Flaggers are being utilized to safely control the flow of traffic during work.
 - Temporary traffic detours may be implemented on occasion.
 - No interruptions to water or sewer service are anticipated.
 - No-Parking signs have been installed where work will be taking place.
 - Work is expected to take approximately 1 week to complete.

Upcoming Work (October – November 2021)

- **Site restoration work for all streets previously impacted during pipe and manhole construction**
 - Work will entail replacement of impacted concrete roadways, asphalt roadways, curbs, sidewalks and grass
 - “No Parking” signs may be installed as required to provide space for work
 - Temporary traffic modifications may be implemented while roadway repairs are underway
 - Work will take place during normal work hours, excluding holidays and weekends
 - Scheduled areas include:
 - 3000-3100 Blocks of Oakley Avenue
 - 3300-3400 Blocks of Dupont & Virginia Avenue
 - 4800 Block of Homer Ave & Park Heights Ave
 - 4900 Block of Queensberry Ave

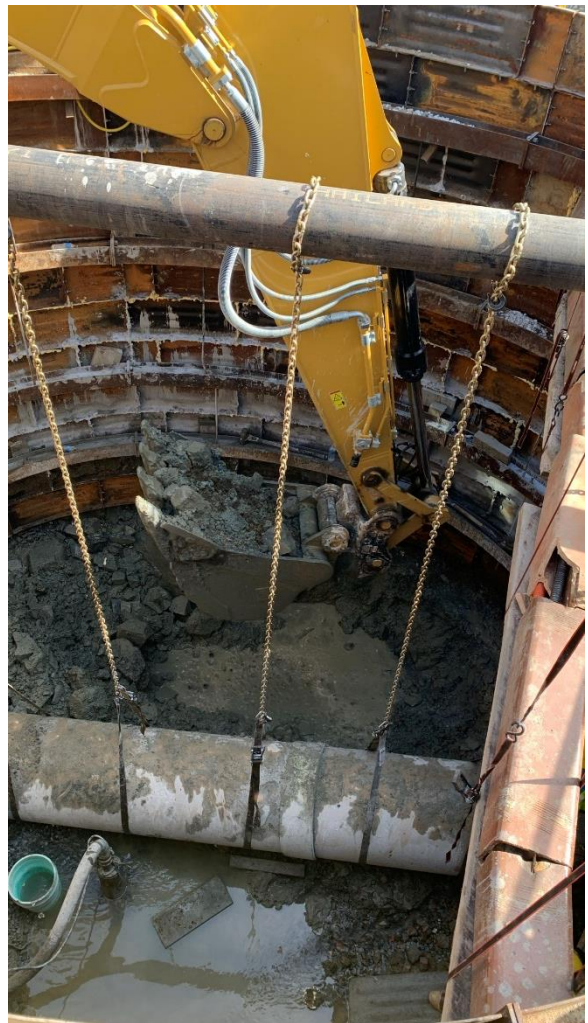
- **Installation of new sewer manholes along 3400-4000 Wabash Ave (Liberty Heights Ave to Hilton Road)**
 - Work entails of installation of large precast access point structures to connect the newly installed pipes.
 - Work will take approx. 3-4 weeks
 - Heavy machinery is being utilized above and below the ground. Construction noise is expected.
 - After the manholes are installed, the shafts will be backfilled and prepared for final site restoration
 - Restoration work for roadways, grass, sidewalks, and curbs will begin Fall 2021, when seasonally appropriate

- **Tunneling shaft construction at Towanda Ave & W Cold Spring Lane**
 - The work will be located on the even side of the street at the intersection
 - A new traffic pattern has been established which will be in place for approximately 4 months.
 - Heavy machinery will be used for shaft construction (construction noise is expected)
 - Jersey barrier walls have been installed for clear delineation around work areas and crew safety.
 - The shaft will take approximately one month to construct.
 - Local access to Towanda Avenue is available from Ridgewood Ave.
 - Daytime work hours only.

Below are some pictures to highlight work in-progress and recently accomplished:



60" microtunneling underway at the MTA lot at Wabash Avenue



Shaft #18 construction underway



New 96" diversion structure being prepared for installation in Shaft



42" GRP slip-lining in-progress at The 3900 Block of Wabash Avenue

We hope this provides insights for upcoming work as we strive to timely and safely complete this project. If you have any questions, please call (410) 396-4700, Monday through Friday, between 8:30 AM and 4:30 PM. Additional information and resources are also available on our website <https://publicworks.baltimorecity.gov/>.

Sincerely,

Christopher Peake
Construction Project Supervisor I
DPW, Office of Engineering & Construction
Christopher.Peake@baltimorecity.gov