



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

February 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 microtunneling. 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 35% complete with an expected end date of Winter 2021.

Below is the project construction status update:

Work Completed To-Date

- **Open-cut sewer replacement work has been successfully completed at the following locations:**
 - 3700 Block of Belle Ave, Ayrdale Road (from Barrington Ave to Belle Ave),
 - 3800 Blocks of Sequoia Ave, Callaway Ave, Belle Ave (rear grass alley), Copley Road, Copley-Dolfield Alley
 - 4400 Block of Towanda Ave
 - Final restoration for roadways, grass, sidewalks, and curbs are pending.
- **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 (Phase I sewer main construction)
 - Phase II sewer construction is pending (*see upcoming work below*)
 - Temporary soil restoration has been implemented in open grass lots
 - Final restoration will take place after Phase II sewer construction is completed
- **Shaft Construction (preparation work for microtunneling)**
 - 16 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, and 3010 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
- **Microtunneling for new relief sewers**
 - Tunneling was successfully completed at 2800 Dukeland Ave (crossing Liberty Heights)
 - Tunneling was successfully completed at 3400 block of Wabash Avenue (Liberty Heights to Dorchester)
 - Tunneling was successfully completed for two segments at the 4000 block of Hilton Road

Work Underway (Ongoing)

- **Open-cut sewer replacement work is underway at the following locations:**
 - 3800 block of Grantley Ave (12” sewer replacement). Work expected to take approx. 1-2 weeks to complete.
 - 4800 block of Homer Ave (24” sewer replacement). Work expected to take approx. 2-3 weeks to complete.
 - Belle & Callaway Intersection (15” sewer replacement). Work expected to take approx. 2 weeks to complete.
 - Heavy machinery is being utilized above and below the ground. Construction noise is expected.
 - Traffic controls are in-place for worker and public safety

- **Shaft Construction (preparation work for microtunneling)**
 - **Shaft construction underway at Cold Spring & Wabash Intersection**
 - Work will take approx. 1-2 months to complete.
 - This shaft will be utilized for tunneling operations over the coming months
 - Tunneling work will proceed afterwards and take approx. 4-7 months
 - The modified traffic pattern will remain in effect for approximately 9 months

- **Microtunneling for new relief sewers**
 - **72” Tunneling is underway from 3500 Wabash Ave towards 3612 Wabash Ave**
 - Work will take approx. 2 weeks to complete.
 - Heavy machinery is being utilized above and below the ground. Construction noise is expected.
 - Minor vibrations may be felt in the vicinity of the work area. This is normal.
 - After tunneling work is completed, the equipment at Dorchester Rd and 3612 Wabash Ave will be relocated to 3800 Wabash for the next work location. Heavy construction vehicle traffic is expected
 - 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

Upcoming Work (February – March 2021)

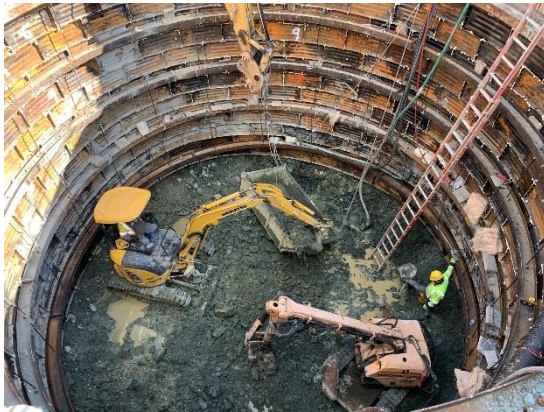
- **72” Microtunneling will proceed from 3910 Wabash Ave towards 4000 Hilton Road**
 - Work will take approx. 4-6 weeks to complete.
 - Heavy machinery is being utilized above and below the ground. Construction noise is expected.
 - Minor vibrations may be felt in the vicinity of the work area. This is normal
 - Parking spaces remain available outside of the immediate work area
 - After tunneling work is completed, the equipment at Dorchester Rd and 3612 Wabash Ave will be relocated to 3800 Wabash for the next work location. Heavy construction vehicle traffic is expected
 - Once all tunneling work is completed along Wabash Ave, manholes (access points) will be installed, and the shafts will be backfilled
 - No interruptions to water or sewer service are anticipated
 - Restoration work for roadways, grass, sidewalks, and curbs will follow

- **Setup for microtunneling will begin at 3800 Wabash Ave**
 - Heavy machinery will be used to stage equipment for future microtunneling operations
 - Construction traffic and noise is expected during the staging process
 - Once staging is complete, tunneling work will proceed from 3800 Wabash Ave south towards 3612 Wabash
 - Staging will take approx. 3-4 weeks. The subsequent microtunneling work will take approx. 3-4 weeks
 - Parking spaces remain available outside of the immediate work area

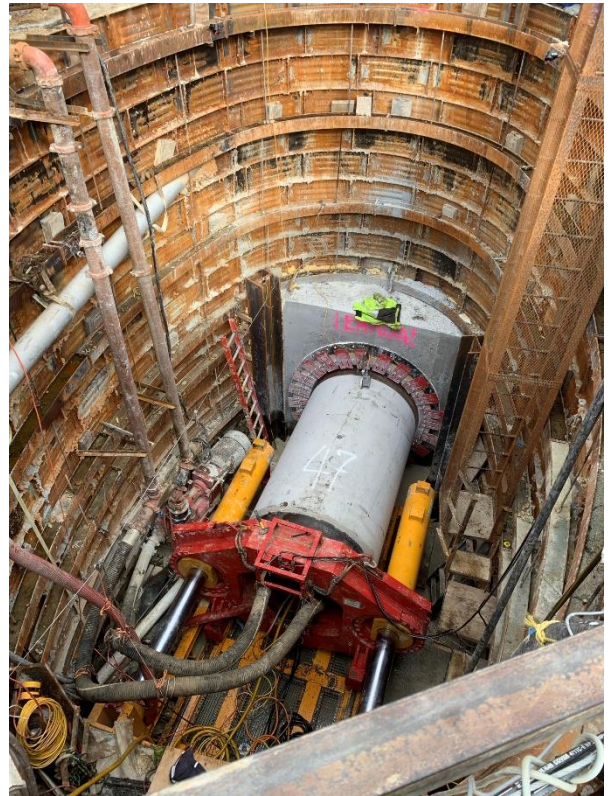
- **Phase II open-cut sewer replacement will proceed along the 3300-3400 Block of Virginia Avenue**
 - Phase II open-cut sewer work will entail connecting the existing sanitary house connections to the newly installed mainline.
 - Heavy machinery will be used for shaft construction (construction noise is expected)
 - Work will begin once the new mainline is installed up to Homer Avenue
 - No interruptions to water or sewer service are anticipated
 - Minimal, if any, traffic impacts along Virginia Avenue are expected.
 - Work is expected to take place under the east curb across from the homes and in the open grass area.

- **Open-cut sewer replacement will proceed along the 3900 Block of Callaway Avenue (Belle to Boarman)**
 - Open-cut pipe replacement work will commence from Belle Ave heading west towards Boarman Ave
 - The roadway will be temporarily closed to traffic during daytime work hours (7am-5pm)
 - Detour signs will be setup daily to safely divert traffic
 - Roadways will be opened at the end of each workday and weekends/holidays.
 - Heavy machinery will be used to install the new sewer pipes and manholes (construction noise is expected)
 - No interruptions to water or sewer service are anticipated
 - Work will predominantly take place in the center of Callaway Avenue.

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



Microtunnel shaft construction underway at Wabash Ave & W Cold Spring Ln



Microtunneling underway at Dorchester & Wabash



Dolfield-Copley Alley Sewer Work Completed. Temporary restoration in-place



Sewer construction at 3800 Blk Grantley Ave underway

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