



Northeast Boundary Tunnel Project

4th Street and Rhode Island Avenue

Construction Site Update

November 21, 2018

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY | 5000 OVERLOOK AVENUE, SW | WASHINGTON, DC 20032

Thanksgiving Holiday Construction Schedule

There will be no construction work on Thursday, November 22nd and Friday, November 23rd in observance of the Thanksgiving holiday.

May you have a joyful Thanksgiving!

4th Street Construction Site

Scope of Work

At the 4th Street Construction Site, crews have begun construction of the slurry walls that will form the future drop shaft. This work is performed using the large crane and "hydro-mill" that are currently on site. The rotating teeth on the hydro-mill cut deep slots in the ground which are filled with concrete when they reach full depth. The large silos on site are used to store slurry, an engineered "mud" that is used to prevent the ground from collapsing during excavation. Next to the silos is the slurry plant. The plant cleans

impurities from the slurry and prepares it for reuse.



Above: Workers guide the hydro-mill into the ground to begin construction of the drop shaft. Below: Pre-trench work at excavation site for the drop shaft.



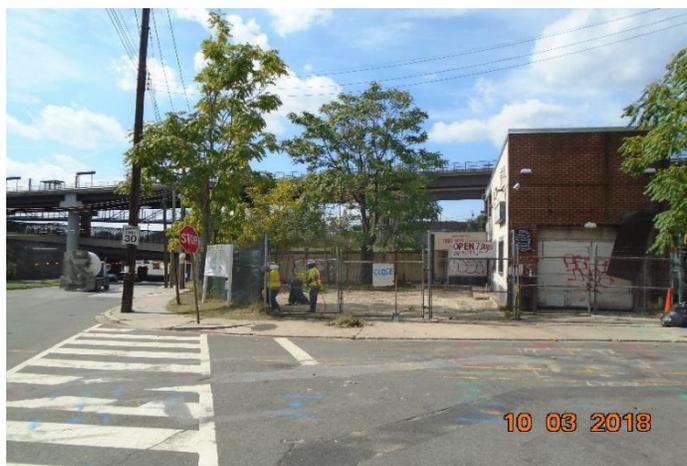
In addition to the ongoing shaft construction, crews will remove a portion of the sidewalk on 4th Street NE between Adams Street NE and Rhode Island Avenue NE to make space for the full movement of the hydro-mill. The D8 bus stop will be relocated around the corner on the westbound side of Rhode Island Avenue NE. The relocated D8 bus stop will remain in its new location for the duration of the project. WMATA will provide proper notification to bus riders prior to moving the stop back to its original location.

What to Expect

The planned sidewalk demolition will create noise and debris, but crews will adjust as needed to minimize impacts to the community. The Outreach Team will alert you when this work is scheduled to begin. A temporary ADA ramp will be installed at the 4th Street and Rhode Island Avenue NE crosswalk to ensure safety. Crews are also preparing to remove a portion of the

median on Rhode Island Avenue between 3rd and 4th Streets to allow for safe lane shifts during work.

Rhode Island Avenue Construction Site



Scope of Work

During the last week of **October 2018**, crews removed asbestos from the old tire shop located at 720 Rhode Island Avenue NE to prepare to demolish the building. Razing the structure will allow crews to level the ground and prepare the area to begin constructing the drop shaft – the first phase of work at this site. A water hose or mist generator will be used to control dust during the demolition process. All reusable materials (brick,

masonry, steel and other metals) will be separated from demolition debris to be recycled and repurposed.

Other work at the site includes clearing vegetation, surveying the site, delivering equipment and materials, and setting up a construction trailer. Sediment controls and instrumentation required to monitor sound and ground movement associated with the work will also be installed.

What's Next

Following demolition of the building, crews will begin to construct the drop shaft, a component of the tunnel system which will convey untreated combined rain water and sewage to the new tunnel system 25 feet below ground. The drop shaft phase of work is anticipated to conclude in 2022, while other work occurs simultaneously.

Northeast Boundary Tunnel Project

DC Water is constructing the Northeast Boundary Tunnel (NEBT). Work began at the 4th Street Construction Site (corner of 4th Street and Rhode Island Avenue, NE) in March 2018 and mobilization and site preparation work began at the Rhode Island Avenue Construction Site (8th Place NE just east of the Metro Rail overpass) in October 2018.

The NEBT is a major component of the DC Clean Rivers Project designed to reduce combined sewer overflows to the Anacostia River and chronic flooding in the Northeast Boundary area of the District.

For More Information

Northeast Boundary Tunnel Project 24/7 HOTLINE: (800) 988-6151

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