



# Construction Site | CSO 024

## Fact Sheet

### PROJECT OVERVIEW

The Potomac River Tunnel is the next major phase of the DC Clean Rivers Project. The project consists of a large-diameter deep sewer tunnel, diversion facilities, drop shafts, and support structures to capture flows from existing combined sewer overflows (CSOs) along the Potomac River and convey them to the Blue Plains Advanced Wastewater Treatment Plant. The project is needed to reduce CSOs that contribute to water quality impairment of the Potomac River and ultimately the Chesapeake Bay; and to comply with the 2005 Federal Consent Decree entered by DC Water, the District of Columbia, the US Environmental Protection Agency, and the US Department of Justice, as amended in January 2016.

CSOs are released into the Potomac River from CSO outfalls during rainfalls that exceed the capacity of the system. CSOs impair water quality by increasing water bacteria levels, contributing to low dissolved oxygen impacting aquatic life, and increasing the amount of trash in waterways. An estimated 654 million gallons of CSOs currently enter the Potomac River in a year of average rainfall. The proposed controls are estimated to reduce the volume of CSOs to the Potomac River by 93% and reduce their frequency from approximately 74 events to 4 events in a year of average rainfall.

Construction of the Potomac River Tunnel began in early 2024 and will be completed in 2030.

### ANTICIPATED SCHEDULE

(SUBJECT TO CHANGE)



**CONSTRUCTION START**  
Late 2025

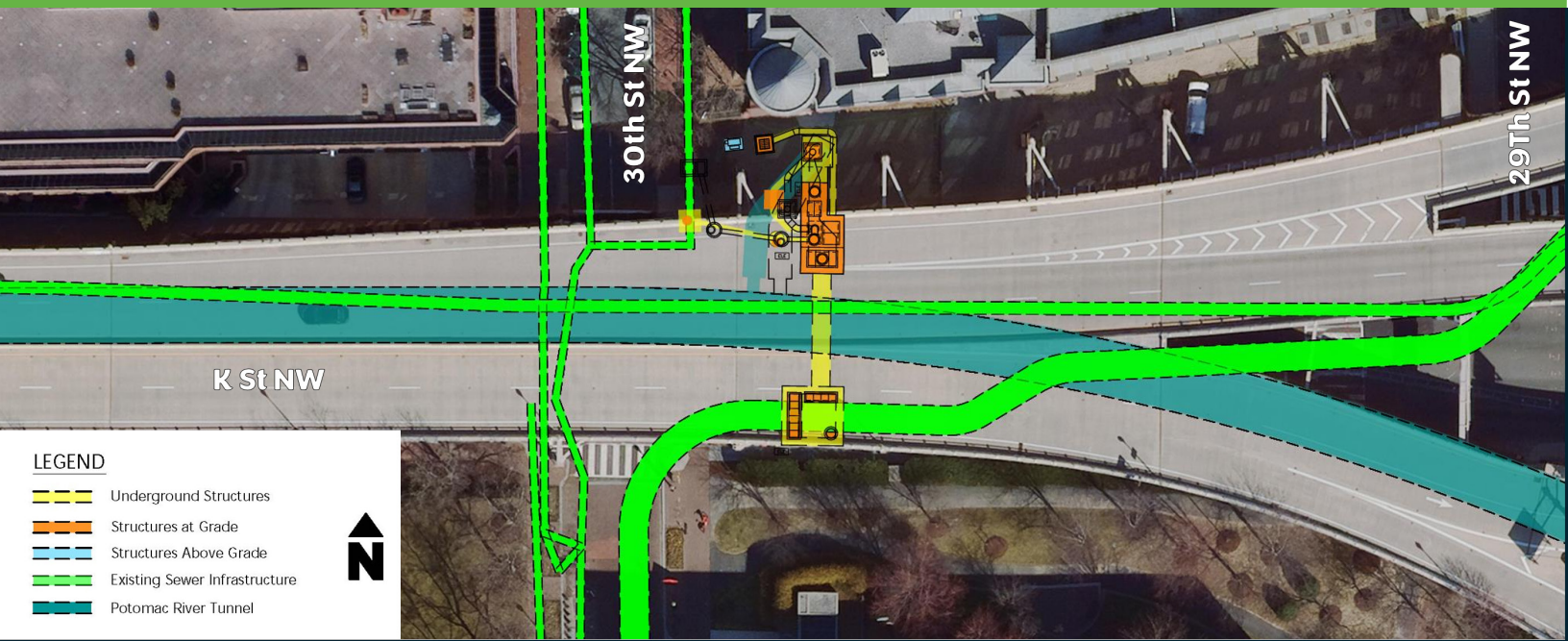


**ESTIMATED CONSTRUCTION COMPLETION**  
2030

### SITE OVERVIEW

This site is located on the north side of K St NW between 30th St NW and 29th St NW.





## SCOPE OF WORK

- Install construction staging and fencing
- Construct an approximate 5' diameter drop shaft
- Construct a diversion chamber and approach channel for the CSO 024 outfall pipe
- Construct a diversion sewer under K St NW
- Construct other ancillary structures
- Construct an adit connecting the drop shaft to the Potomac River Tunnel
- Restore site and landscape

## ANTICIPATED CONSTRUCTION ACTIVITY

- Install traffic diversions, and maintain traffic around the site
- Install Whitehurst Freeway protective measures
- Construct pipe with traffic control
- Construct the drop shaft, approach channel, diversion chamber, and ventilation structures
- Haul construction materials
- Restore site and landscape

## WORK HOURS

 7:00 am – 7:00 pm for surface activities

## PROJECT CONTACT INFORMATION

Project Email:  
[dcpotomacrivertunnel@dcwater.com](mailto:dcpotomacrivertunnel@dcwater.com)

Project Website:  
[www.dcwater.com/prt](http://www.dcwater.com/prt)

Dedicated Project Hotline:  
202-972-1388

DC Water 24-hour Emergency:  
202-612-3400



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