



Construction Site | CSO 029

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

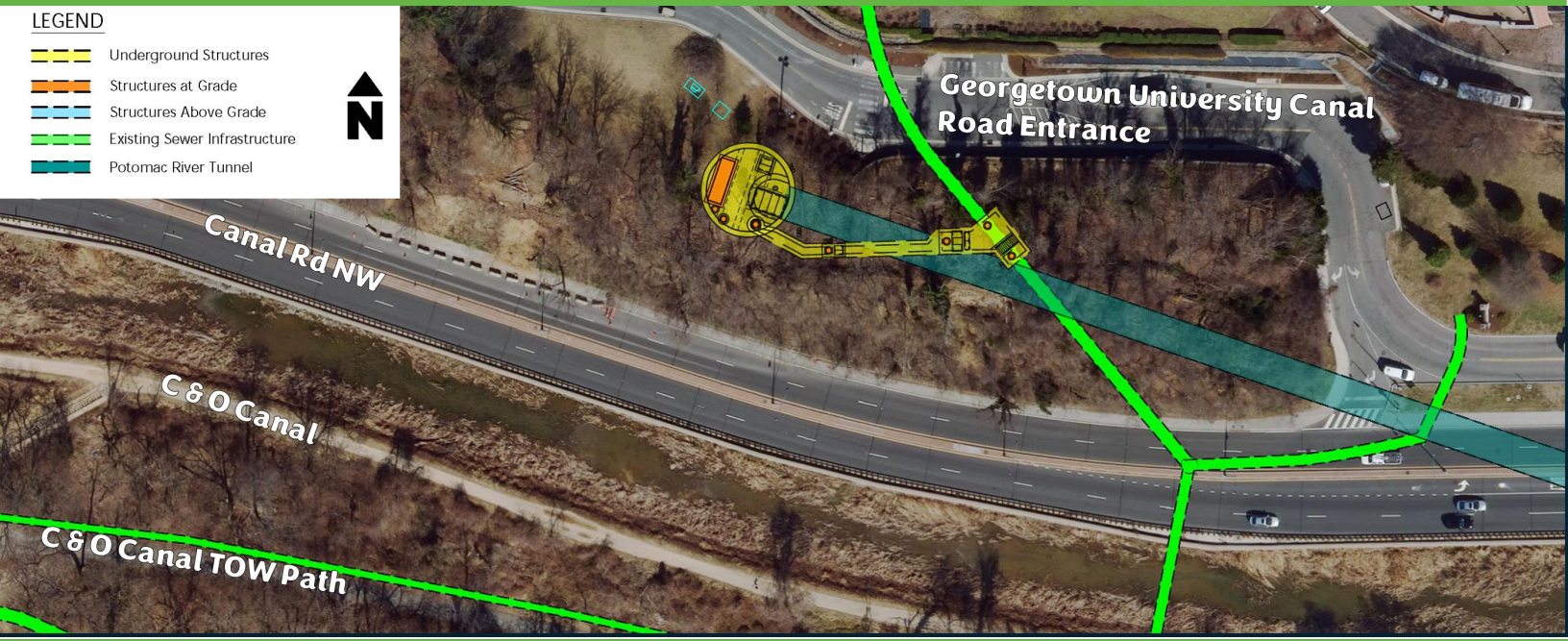
SITE OVERVIEW

This site is located north of Canal Rd NW, adjacent to Georgetown University entrance.



LEGEND


- Underground Structures
- Structures at Grade
- Structures Above Grade
- Existing Sewer Infrastructure
- Potomac River Tunnel



SCOPE OF WORK

- Install construction staging and fencing
- Construct a 45' diameter shaft
- Connect a diversion structure to connect to the 7' diameter sewer
- Restore site and landscape

WORK HOURS

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

PROJECT CONTACT INFORMATION

Project Email:
dcpotomacrivertunnel@dcwater.com

Project Website:
www.dewater.com/prt

Dedicated Project Hotline:
202-972-1388

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

ANTICIPATED CONSTRUCTION ACTIVITY

- Clear site and remove trees
- Install fences and staging area
- Construct the drop shaft and diversion structures
- Haul construction materials
- Prepare for the tunnel boring machine to pass through the drop shaft
- Restore site and landscape



SCAN ME!