

## VCP: NYC's Material of Choice



*NYC Department of Design and Construction continues to utilize Extra-Strength Vitriified Clay Pipe (ESVCP) as the preferred material for the sanitary sewers in New York City. We use clay pipe because of clay's excellent long-term performance, lifespan, and total cost of ownership.*

- Richard Jones, PE, CWI, CDT,  
Chief Engineer



### Project Overview

The New York Department of Environmental Protection (NYDEP) identified two issues with an existing 10-inch sanitary sewer line in a residential neighborhood. The line was installed in an area that did not allow maintenance

access. In addition to inaccessibility, the existing pipeline didn't have the flow capacity for the community it was serving.

The NYDEP upsized the existing 10-inch to a new 12-inch line and rerouted, to allow regular cleaning of the pipe. The new route meant that the line was installed with 19 ft. of cover while avoiding existing utilities and maintaining traffic in the neighborhood.

The fast-tracked project, from the time of identifying the problem to final installation, was completed in just two months!

**Pipe:** 12-inch VCP

**Project Depth:** 19-feet

**Installation Method:** Open Cut

**Location:** Castleton Corners, Staten Island, NY

**Contractor:** JR Cruz

**Owner:** NYC Dept of Design & Construction