

# INSTA-VALVE 20-24 SUCCESS STORY

## HYDRA-STOP'S INSTA-VALVE 20-24 DELIVERS PERFORMANCE UNDER PRESSURE

### THE CHALLENGE

During a pipe and valve replacement project for a large city in North Carolina, their General Contractor, State Utility Contractors, started to operate their existing valves around a planned work area but discovered that water was still flowing. It was determined that the cause of the issue was a not fully operational 20-year-old butterfly valve on a 20" ductile iron line.

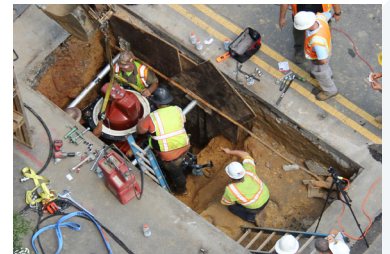
Shutting down more valves to compensate for their broken one was not an option. A shutdown would disrupt water supplied to hundreds of buildings in the heart of city's business district, thus affecting hundreds of buildings – including thousands of residents and business customers – while also limiting fire protection, making a large portion of the city vulnerable.

### THE SOLUTION

At the recommendation of State Utility Contractors, Hydra-Stop's Insta-Valve 20-24 was chosen for this project to allow the installation contractor, Garrison Enterprises, to make the appropriate repairs while maintaining service for the city's residents. The Insta-Valve 20-24 – a permanent, resilient seated wedge insertion valve – was installed next to the broken butterfly valve in just four hours and allowed the water to be temporarily rerouted. Full shutdown to the work site was achieved without disrupting service to the surrounding area.

### PROJECT IMPACT

The installation of an Insta-Valve 20-24 allowed crews to fully isolate the work area in just four hours without shutting down water service to the surrounding business district. Critical repairs were completed while maintaining uninterrupted service and fire protection for hundreds of buildings and thousands of residents and businesses.



*This project could not have been done without an insertion valve. I was really impressed by and appreciated the excellent support from the Hydra-Stop Team. We were able to achieve a 100% shutdown with the Insta-Valve 20-24!* – **Nick Allen, Project Manager, STATE UTILITY CONTRACTORS**

