

# INSTA-VALVE 250 SUCCESS STORY

*Insta-Valve 250 Helps Prevent Service Disruption to Critical Care Facility*

**Hartford, Connecticut and Surrounding Area** | Population: Around 450,000

## SUMMARY

Hydra-Stop's insertion valve solution provides targeted control to maintain service to a critical care facility.

## THE PROBLEM

The Metropolitan District (MDC) provides quality drinking water to eight member municipalities in and around Hartford, Connecticut. One of their member towns is working through a planned road reconstruction and repaving project. A critical care facility and an 80-year-old existing water main are within the project's construction zone.

Due to the age of the water main, the risk of a water main break during construction or in the future is high, and a leak would require a complete shutdown of the area, disrupting fire and domestic services to the critical care facility.

## THE SOLUTION

Having installed nearly 100 Insta-Valves within their water system already, MDC chose to take preventative measures and installed two 8-inch insertion valves on either side of the fire and domestic services that run to the critical care facility. With these permanent control points in place, MDC can isolate any potential leaks that may occur in the future without impacting service to the critical care facility.

*Hydra stop valves allow us to lessen the impact on our customers during a water main leak or scheduled maintenance that requires a shutdown of the water main. Insertion valves have become a regular part of our workload. They are being installed throughout our system to assist in future leak repairs and help with water main replacement projects throughout our system. — Peter Stochlinski , Assistant Superintendent of Operations, MDC*

## RESULTS

### BETTER CONTROL

MDC has targeted control to minimize or eliminate service disruption should a leak or maintenance occur.

### LONG-TERM VALUE

MDC now has permanent, reusable point of control that can be capitalized.

### COST REDUCTION

MDC can mitigate future service disruptions and costs associated with shutdown, like bypass systems to the critical care facility as well as loss of treated water and water revenue.

