

# INSTA-VALVE 250 SUCCESS STORY

*The Insta-Valve 250 Minimizes Disruption During an Emergency*

**Miamisburg, Ohio** | Population: 19,941

## SUMMARY

Hydra-Stop's solution allowed greater control that minimized shutdown when a water main ruptured.

## THE PROBLEM

Like so many municipalities, the City of Miamisburg has an aging infrastructure of valves that had not been exercised in decades. After researching their options, the city ultimately chose Hydra-Stop's Insta-Valve 250 insertion valve as part of a preventative maintenance project, which initially started with lines under 10 inches.

Then, during January 2019, the city suffered a break on their 12-inch transmission main that caused the loss of service to nearly 18 percent of their customers.

## THE SOLUTION

By Autumn of 2019 the city had put in several Insta-Valve 250 insertion valves of varying sizes. However, it was their early October installations of two 12-inch Insta-Valve 250s that would truly prove the reliability, strength, quality, and value of this solution. The two valves were installed on the same transmission main that suffered a break in January — a main that runs along King Richard Parkway, an arterial road within Miamisburg. Without disrupting service to any customers, both installations were completed within a regular 8-hour workday, which included back filling the excavations.

Just weeks after the two 12-inch Insta-Valves were installed, the same main suffered another break. However, thanks to the city's preventative measures and newly installed insertion valves, the city was able to control the flow of water and minimize disruption to only 12 homes, as opposed to 1,400.

## RESULTS

### BETTER CONTROL

**The Insta-Valve 250 insertion valve provided targeted control during emergency maintenance which minimized service disruption.**

### LONG-TERM VALUE

Every Insta-Valve 250 that has been installed remains a permanent, reusable asset for Miamisburg.

### COST REDUCTION

The City of Miamisburg avoided widespread shutdown and the costs associated with shutdown, including boil orders, loss of treated water and lab testing fees.



“The use of the Insta-Valve 250 just makes sense for us — it provides a better shutdown compared to similar products on the market. It was also great to have our Hydra-Stop reps come and witness the installation to ensure everything ran smoothly. Overall, the product, the service, and the company are all top notch.”

— Ben Trick, Lead Foreman,  
**CITY OF MIAMISBURG**

