

# INSTA-VALVE 250 SUCCESS STORY

*Insta-Valve 250 Helps Keep the Water on for Residents During COVID-19 Pandemic*

**Santa Clara, California** | Population: 129,488

## SUMMARY

The Insta-Valve 250 provided targeted shutdown without impacting service to customers.

## THE PROBLEM

As part of a planned maintenance project, the City of Santa Clara was to cut into an existing water distribution line to connect another with a new T-junction. Utilizing traditional methods, this project would require a shutdown that would interrupt service to about 10 homes within the area.

However, the state of California was in the midst of a shelter-in-place order as part of their actions to contain and prevent the spread of COVID-19. The city could not disrupt service to customers given the circumstances, especially when more residents would be home during the time of repair due to the stay-at-home order.

## THE SOLUTION

Fortunately, before the global spread of coronavirus, the City of Santa Clara had purchased and been trained on Hydra-Stop's Insta-Valve installation equipment and insertion valve operation.

While donning face masks, their crew was able to install a 10" Insta-Valve 250 onto a 65-year-old cast iron main at full flow. With the Insta-Valve 250 installed, the crew was able to isolate shutdown to their area of work without affecting service to nearby residents — many of whom did not even realize water work was being completed.

## RESULTS

### BETTER CONTROL

**The Insta-Valve 250 provided targeted control to isolate shutdown to only an area of repair.**

### LONG-TERM VALUE

The City of Santa Clara now has a permanent, reusable point of control for their water distribution system that can be capitalized.

### COST REDUCTION

Not only were costs associated with shutdown avoided, like boil orders or loss of water revenue, but media and social fallout was also averted. With no customers being impacted by repairs, the city was able to prevent negative press during a time of heightened scrutiny.



“This product is an important part of our on-going maintenance and repair projects and helps us eliminate service disruption to our customers, which is very important while managing operations during COVID-19.”

— John Sanchez, Assistant Water Superintendent —  
Construction, **CITY OF SANTA CLARA WATER AND SEWER**

