

INSTA-VALVE 250 SUCCESS STORY

Hydra-Stop Insertion Valves Eliminate System Shutdown

Winchester, Kentucky | Population: 18,548

SUMMARY

The Insta-Valve 250 provided targeted shutdown to greatly minimize service disruption during the removal of two old and inoperable valves.

THE PROBLEM

Winchester Municipal Utilities (WMU) faced challenges regarding two separate sections of town. The lines needed maintenance due to old inoperable inline valves that needed replacement but replacing these valves using traditional procedures required shutdown of the water lines that service hundreds of homes and businesses.

THE SOLUTION

WMU specified Hydra-Stop's Insta-Valve 250 insertion valve for this maintenance project and contracted the C.I. Thornburg Co. (CITCO) to perform the installation.

With the help and inspection completed by WMU, CITCO installed one 12-inch and two 6-inch Insta-Valve 250's in three separate locations to isolate the points of repair. In front of South Main Grocery, the 12-inch valve was installed on South Main Street to replace an old inoperable plug valve that was installed circa 1891. The two 6-inch valves were installed on Colby Road to isolate a broken gate valve that was installed circa 1950.

With each Insta-Valve successfully installed, the crew could make repairs without shutting down water service to a single customer in each area.



“By utilizing Hydra-Stop insertion valves, WMU maintained uninterrupted water service and avoided a boil water advisory to approximately 200 customers, including South Main Grocery and the Clark County Library.”

— Duke Dryden, Director of Engineering and Operations,
WINCHESTER MUNICIPAL UTILITIES

RESULTS

BETTER CONTROL

The Insta-Valve 250 provided targeted control to eliminate service disruption to customers.

LONG-TERM VALUE

WMU now has three permanent, reusable points of control that can be capitalized.

COST REDUCTION

All costs associated with shutdown were avoided, including boil orders and loss of water revenue.

