

INSTA-VALVE 20-24 SUCCESS STORY

Insta-Valve 20-24 Eliminates Service Disruption to Connect Water to New Travel Center
Moapa Valley, Nevada | Population: 7,213

SUMMARY

The Insta-Valve 20-24 provided a targeted shutdown to expand and connect the water supply to a new travel facility.

THE PROBLEM

Just over 50 miles northwest of Las Vegas, Nevada, Moapa Valley Water District (MVWD) supplies clean water to residents and businesses within their community. MVWD's location on Interstate 15 is busy with freight trucks and motorists traveling between Las Vegas and Salt Lake City, so construction of a new multi-service facility to accommodate travelers has begun.

This new facility involves an expansion and tie-in to MVWD's 24-inch water supply line. Unfortunately, the existing infrastructure lacked control points around the construction zone and would require a shutdown of the surrounding area to complete the tie-in.

THE SOLUTION

As part of the connection and expansion project, MVWD contracted Tap Master to help them gain control to shut down only the area of construction. Having worked with Hydra-Stop insertion valves for many years, Tap Master chose the Insta-Valve 20-24 to gain the needed site-specific control.

Because of the shallow bury depth of the 24-inch water line, Tap Maser installed the Insta-Valve 20-24 horizontally utilizing Hydra-Stop's installation and insertion equipment, which included the bevel gear actuator that allows for the opening and closing of the valve from a traditional, vertical access point. This permanent control point allows for the expanded water infrastructure of the new facility to connect to MVWD's existing supply line without disrupting service to area residents or businesses.

RESULTS

BETTER CONTROL

The Insta-Valve 20-24 provided targeted control without impacting service.

LONG-TERM VALUE

MVWD now has a new permanent, reusable control point within their water distribution system which they can capitalize.

COST REDUCTION

By preventing a larger shutdown area, MVWD avoided the costs associated with shutdown, like loss of water revenue.



“We've had great success with Hydra-Stop's insertion valves for our clients, and this Insta-Valve 20-24 was no exception. The installation went smoothly, even on its side.

— Mark Schuyler, Field Supervisor, **TAP MASTER**

