INSTA-VALVE 250 SUCCESS STORY

Insta-Valve 250 Keeps Hospital's Water On During Emergency Line Repair

Asheville, NC | Population: 92,328

SUMMARY

Hydra-Stop's insertion valve provided targeted control to allow for the removal and replacement of a cracked pipe without affecting service to a hospital.

THE PROBLEM

Mission Hospital, an 815-bed hospital in Asheville, NC, was conducting construction in the driveway of the maternity ward entrance of the hospital. Unfortunately, a construction-related leak occurred on the water line and could not be isolated because of a damaged existing valve. Repairs could not take place without shutting off service to the hospital.

The local Asheville Department of Water Resources crew was able to install a temporary repair clamp, but the hospital needed a more permanent solution. So the hospital's Director of Construction and Maintenance reached out to Vannoy Construction, the general contractor on the project, to find a solution to fix the leak without disrupting water service to the hospital.

THE SOLUTION

Lunsford Grading & Septic Systems, the subcontractor for the waterline work, reached out to Garrison Enterprise to isolate the leak for repair. In less than a day, the Garrison crew installed two eight-inch Insta-Valve 250 insertion valves on either side of the leak. Both valves were closed, effectively isolating the damaged section of the pipe and stopping the leak while maintaining service to the hospital.

With the Insta-Valves in place, the Lunsford Grading & Septic Systems crew can remove the damaged section, replace it with a new pipe, reconnect to the system, and never disrupt the flow of water for the hospital.

These valves are a true definition of innovation. I wasn't even aware of such valves before this project. Hydra- Stop came in and saved the day. They showed up when expected and performed their scope of work in a timely manner. I highly recommend!

— **Brian Teaster**,
Project Superintendent,
VANNOY CONSTRUCTION

RESULTS

BETTER CONTROL

Crews were able to isolate the leak without disrupting service.

COST REDUCTION

The hospital avoided all the costs associated with creating a bypass or a complete shutdown, which would have required much more coordination to maintain the hospital's functionality.

LONG-TERM VALUE

The hospital can reuse these new points of control, should they need to in the future.

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