



BERNIER CONSTRUCTION, INCORPORATED PROJECT SUMMARY

Project Title: Water Main Valve Replacement Project, VA Hospital

Location: Coatesville, PA

Scope: Provide labor, material, tools, equipment, and supervision to replace 25 water main valves at the Coatesville VA Hospital

Berner Construction was awarded a contract from the Department of Veteran Affairs at the Coatesville VA Hospital to provide upgrades to the existing potable water lines. The project involved the replacement of 6-inch, 8-inch, and 10-inch isolation gate valves and the installation of several new valves. The valves were located throughout the VA Hospital grounds in concrete sidewalks, asphalt roadways, and grassy recreational areas.



The Coatesville VA Medical Center is a specialty referral, transitional care, neuropsychiatric facility. In addition to hospital programs in medicine, intermediate medicine, psychiatry, and residential rehabilitation, the center incorporates a nursing home care unit and a domiciliary program. Due to the constant activity at the hospital, it was critical to minimize interruptions to the hospital facilities. Much of the valve replacement work was conducted at night and during the weekends when there is less activity at the hospital. The facility staff shut the water down to many buildings for each valve replacement, and therefore, the

valve replacement effort needed to be conducted swiftly and efficiently. To minimize disruptions to the normal hospital functions, several valves were isolated and replaced at the same time.

Many of the original valves dated to the 1920s and 1930s and utilized oakum and leaded joints and were installed in sand-cast and iron pipe. These valves were replaced with flanged gate valves using flanged transitional spool pieces and piping components. Once each group of valves was replaced, the area was restored to its original condition.

The project was completed approximately one month ahead of schedule and within budget.

