

North Main Street Water Booster Station

Client: Pennsylvania American Water Company, Punxsutawney District

Jefferson Co., PA

Year: 2018 Cost: \$1,000,000



Gwin, Dobson & Foreman designed a new water booster station in the Point View Terrace area of Punxsutawney, PA. The station replaced an existing pumping facility that had reached the end of its useful life. Four (4) new pumps were installed with a total capacity of 2,000 gallons per minute (2.9 million gallons per day).

The project included installation of 1,100 feet of a new 12-inch water main to improve system hydraulics, maintain adequate pressure and improve circulation for service area customers including Punxsutawney Area Hospital.

GD&F provided all design phase services including electrical, mechanical and site-civil elements. The project included pump station controls, telemetry system, SCADA integration and emergency generator with transfer switch. A masonry building, architecturally compatible with the adjacent residential community, was also designed.

Construction phase services included shop drawing and pump control/telemetry system submittal reviews and construction consultation with local Pennsylvania-American personnel. The project was constructed over 5-months and within the Water Company's project budget.