

ATCHISON COUNTY, KANSAS USD 377

Project Value:

\$3,690,254

Annual Savings:

\$41,679



GOALS AND CHALLENGES

After multiple unsuccessful bond votes, USD 377 was faced with continued deterioration of the infrastructure in both the high school and elementary school.



Besides rampant comfort issues at the high school, the district needed to address a 100-year-old elementary school with a failing boiler, leaky piping, antiquated windows, and other challenges. Willdan was called upon to provide technical and financial solutions to the district's challenges.

SOLUTIONS AND OUTCOME

Willdan designed an entirely new central heating and cooling system to serve the elementary school, eliminating the outdated boiler and piping systems in favor of simple, modern systems. New windows, lighting, drop ceilings and domestic hot water piping allowed the building to remain operational. An entry vestibule improved building security and reduced utility costs.

The high school heating and cooling system was also modernized with the installation of a new chiller, refurbishment of old air handlers, and the implementation of a new HVAC control system.

With these solutions, coupled with long-term financing secured by Willdan, USD 377 was able to make upgrades that they had long sought.

IMPROVEMENT DETAILS

Elementary School:

- New heating and cooling system
- Electrical upgrades
- Plumbing upgrades
- Installation of new windows
- Roofing upgrades
- Drop ceilings
- Construction of an entry vestibule

High School:

- Chiller replacement
- Air handler upgrades
- New HVAC controls
- District-wide lighting retrofit

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