

HARVEY COUNTY

ACCOUNTABILITY. RELIABILITY. PERFORMANCE.



TURNKEY PROJECT COST

\$3,639,841



ANNUAL PROJECT SAVINGS

\$111,533

"Everyone on the (Willdan) team put a great deal of effort into our project and was easy to work with. Their engineers and construction management team welcomed input by our staff, which we believe lead to an enhanced final result."

- Anthony Swartzendruber, Harvey County Assistant County Administrator/Finance Director

Case Study: COUNTY GOVERNMENT

THE CHALLENGES

Harvey County, Kansas Officials approached Willdan with a number of concerns related to the aging infrastructure within their county. Their Courthouse was plagued by comfort and maintenance problems and the original HVAC system allowed limited temperature control and required near-constant maintenance staff oversight. Further, the windows were aesthetically unattractive and nonfunctional. The county wanted to make improvements that would improve occupant comfort and building aesthetics, while reducing maintenance and energy costs.

THE SOLUTIONS

Willdan worked alongside Harvey County to develop a holistic solution to address the maintenance, comfort, and energy savings needs of their facilities. This solution combined capital-intensive system upgrades with quick energy savings renovations so that Harvey County could offset the cost of their core needs over the long-term.

The most capital intensive component of the project was replacing the outdated HVAC with a new high-efficiency geothermal heat pump system. In order to get the most out of this project, Willdan also implemented measures that provided quicker savings paybacks with lighting and plumbing upgrades.

PROJECT HIGHLIGHTS

Willdan's holistic approach to facility renovation brought comfort and reliability back to the Harvey County Courthouse

The new HVAC system provided enhanced comfort for employees and visitors

Design and installation of a new high-efficiency geothermal heat pump system and associated controls at the County Courthouse

New windows installed at the Courthouse enhanced the building aesthetics and provided a more pleasant business environment

Upgraded facility lighting to LED

Replaced antiquated plumbing fixtures with newer models significantly reduced water consumption



Annual Project Energy Savings are Equivalent to the Carbon Sequestered by

2,020 trees



785.766.5630

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