

PROJECT BRIEF



Project Name: Water System Improvement / Ed Project

Grant Program: BASE 1.0

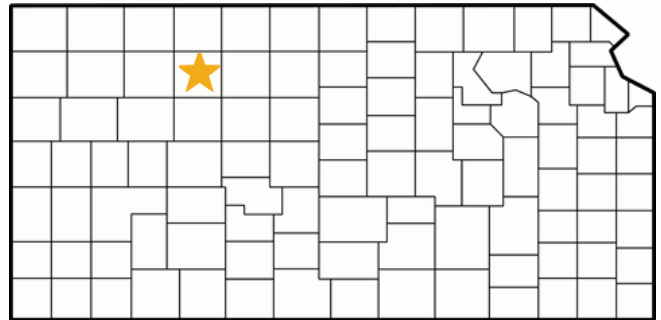
Project Date: Jun 2022 - Jun 2023

Project Summary

The Water System Improvement/Ed Project comprised water system improvements to support Hill City Industrial Park and Hill City Municipal Airport and the installation of a three-phase electrical line for expansion of Central Veterinary Services, P.A. Hill City provided water service to the Industrial Park and Municipal Airport by dead-end water lines and an asbestos-cement pipe, which resulted in reduced water quality due to non-continuous flow and made repair and maintenance of the asbestos pipe hazardous. Additionally, there was no fire hydrant at the Airport for fire protection. The project allowed Hill City to remove the asbestos-cement pipe and install new PVC water lines, creating a continuous loop to the water network resulting in increased water quality. The project also installed a three-phase electrical line for Central Veterinary Services; there was no electrical service at the proposed location prior to the project.

Location

Hill City, Kansas



Budget Overview

- Labor: \$3,200
- Materials: \$323,704
- Consulting: \$20,000
- Inspection Fees: \$25,000
- Administration: \$15,000

TOTAL: \$368,904

Goals and Objectives

- **Goal:** Improve water system to support Hill City Industrial Park and Hill City Municipal Airport.
- **Goal 2:** Support expansion of Central Veterinary Services, P.A. by meeting electrical needs to operate state of the art technology, including multi-line phone system, computers, digital radiograph, ultrasound, and surgical equipment.
- **Objective:** Install new PVC water line, including service lines and connections, capping and abandoning the existing asbestos-cement pipe, fire hydrants, and tying into the existing PVC line.
- **Objective 2:** Install three-phase electrical services, including pads, poles, anchor guys, crossarms, arresters, cutouts, ground, insulator string, and loops.

Activities and Timeline

Q2 2022 – Q22023:

- Complete design plans: June 2022
- Electrical line construction: August 2022
- Submit waterline plans to KDHE: Sept. 2022
- Advertise bids: August 2022
- Bid letting: September 2022
- Begin construction: April 2023
- Complete construction: June 2023

Project Completion: 12 months

Target Population

HillCity Municipal Airport allows access for medical emergency aircraft, agricultural business application planes, and hunters visiting the Hill City area. Central Veterinary Services assists all clients ranging from small hobby farmers to large cow-calf operations, stockers, and feedlots.

Outcomes

- The improved water system will accommodate current and future growth of Hill City Industrial Park and Municipal Airport with the installation of new service lines and connections.
- Central and northwestern Kansas is experiencing shortages in veterinarians in mixed animal rural practice; the expansion provides access to quality veterinary care provided locally without having to travel to urban areas.
- The expansion of Central Veterinary Services will bring four jobs to Hill City.

Contact Information

For any queries or additional information, please contact:

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Organizational Information

The City of Hill City is located on Highway 24 in northwest Kansas and is the county seat of Graham County. With a population of 1,420 people, Hill City has approximately 50+ businesses and 841 housing units and prioritizes meeting the City's infrastructure needs.

Central Veterinary Services is a private full-services mixed animal veterinary practice which serves central and northwest Kansas offering preventative, medical, surgical care and consultations for food animal producers.

Sustainability

The City is seeing a high number of people interested in moving from larger cities to smaller rural communities following the pandemic. High functioning water infrastructure is necessary to retain the existing population and businesses and allow the opportunity for community growth. Central Veterinary Services has experienced a 25% increase in client growth, and producers and clients have expressed their support for the expansion in Graham County. Central Vet anticipates the expansion will bring sustained growth and increased ability to serve north central and northwest Kansas.

