



Chris Cochran, P.E.

Vice-President Project Engineer

Education:

Bachelor of Science, Civil Engineering
Engineering Honors Program, Cum Laude
Secondary major: Natural Resources and
Environmental Sciences

Kansas State University
1997

Registration:

Professional Engineer - Missouri,
Kansas, Oklahoma

Employment History

1995-1997

Kansas State University
Physics Lab Instructor

1996-1997

Kansas Department of Transportation
(summers)
Civil Engineering Intern

TSE Employment History

- 1997-2002 Engineer Intern
- 2002-2006, Operations Manager
Parsons, Kansas
- 2008-Present, Operations Manager
Claremore, Oklahoma

Professional Experience:

Chris Cochran joined the company in 1997 as an engineer intern. Chris has knowledge and experience in designing water distribution systems, waste-water systems and storm water management. Chris is also the Operations Manager for TSE's branch office in Claremore, Oklahoma.

Relevant Experience:

Wilson County

Chris worked with Wilson County to design a hydraulic water modeling to correct pressure problems.

Labette County

Chris provided plans and specifications, under KDHE compliance, for a booster pump packaged system which consisted of three pumps at 3 HP each controlled by variable frequency drives to maintain a constant pressure head regardless of the source pressure and up to a design flow of 100 GPM.

City of Parsons, 29th Morgan

Site grading and drainage study for a sub division in the city of Parsons.

City of Parsons

New pump house for the storm water pumps. The storm water management design will protect the industrial park.

Tolen Creek

Chris provided a report for the City of Parsons for a proposed historical education center. Tolen Creek will provide approximately two miles of walkways that include five pedestrian bridges. The bridges and walkways are designed with ADA compliance. Chris reviewed the cost estimates involved in the project and made recommendations to the City for the most cost effective plan for the Park.

City of Pineville

Water distribution system improvements with a CDBG and DNR grant for main replacement, water line extensions, new water tank and new well.

St. Andrews Harbor

Completed in two different phases. Low-Pressure sewer system with approximately 55 individual E-One grinder pumps.

Pelican Pointe

Sewer lift stations for a thirteen home subdivision on Grand Lake. The subdivision is annexing into the city.

Missouri American Water Company

Water modeling for the Iron Gates and Newton County extensions to the Missouri American Water system for the City of Joplin. The study uses the input of variables to determine correct pipe size for maintaining adequate pressure and the correct placement of storage facility/booster pump(s).

City of Diamond

Water modeling of the City of Diamond's water system, adding eight miles of water mains, a new well and a 250,000 gallon storage tower. The study uses the input of variables to determine correct pipe size for maintaining adequate pressure, including the proper pressure for fire suppression.