

PROJECT DESIGNER

Summary

Team-oriented and client-focused Civil Engineer with 16 years of experience who designs environmentally-conscious and cost-effective public infrastructure solutions.

Dedicated [job title] with excellent technical, analytical and communication skills demonstrated by [number] years of experience.

Highlights

- Team Player
- Organized/ Detail-oriented
- Microstation/Geopak Design Software
- Corridor Modeling Design Software
- AutoCAD Civil 3D
- Erosion and sedimentation control
- Highway design
- Project management
- MS Office (Word, Excel, PowerPoint)

Quality Control

Accomplishments

Microstation Software Utilization

- Produced drawings and maintained, archived and retrieved CAD files and drawing documents for the completion of four commercial projects.
- *Presentations*
- Created presentation materials for sales, customer relations and management purposes. *CADD Training*
- *Supervised and trained associate drafters.*
- *Organized and delegated projects according to co-workers abilities.*

Experience

Project Designer 10/2001 to 01/2014 Company Name City , State

- Roadway and highway design including new alignments, reconstruction, widening, rehabilitation and retro-fit projects for state agencies such as KDOT, MoDOT and local municipalities in the Kansas City Metro area.
- My responsibilities include developing typical sections, setting horizontal and vertical alignments, creating cross sections, setting right-of-way and temporary easements, traffic control plan, erosion control plan, addressing drainage issues, calculating quantities, preparing engineer's estimate, attending public meetings, QCQA and preparing project specifications.

Advised the project manager regarding construction material costs and quantity calculations.

Aided other departments in the development of plans and cost estimates on road, parking lot and drainage projects.

Implemented complex design software and drawing tools to plan and design transportation systems. Created detailed public reports regarding bid proposals, property exhibits and descriptions.

Oversaw technical engineering staff to guarantee the successful completion of the project.

Prepared standard engineering computations and designs.

Produced and issued precise technical specifications and data sheets.

Operated computer-assisted engineering and design software to complete engineering tasks by deadline on an ad hoc basis.

Project Designer Engineers & Architects 09/1997 to 10/2001 Company Name City , State

- Roadway and highway design including new alignments, reconstruction, widening, and rehabilitation projects for state agencies such as KDOT, NDOR and for the City of Salina, Kansas.
- My responsibilities included developing typical sections, setting horizontal and vertical alignments, setting right-of-way and temporary easements, traffic control plan, erosion control plan, storm sewer design, calculating quantities and the construction observation on a triple 10'x8' RCB for the Kansas Department of Transportation.
- Tested soil to determine the adequacy and strength of concrete, asphalt and steel foundations. Advised the project manager regarding construction material costs and quantity calculations. Implemented complex design software and drawing tools to plan and design transportation and hydraulic systems. Prepared standard engineering computations, surveys and designs. Oversaw technical engineering staff to guarantee the successful completion of the project.

Summer Intern 05/1996 to 08/1996 Company Name City , State

- Performed construction observation on U.S.
- 166 from Arkansas City to Sedan, KS and K-360 which bypassed Winfield, KS to the South.

Tested soil to determine the adequacy and strength of concrete, asphalt and steel foundations. Created detailed technical drawings of structural

designs according to specifications for residential, retail, commercial and industrial projects. Assessed and re-designed facility plans based on sales requirements and revised business model.

Education

Bachelor of Science : Healthcare Management Present National American University City , State

Healthcare Management

Coursework in Healthcare Management Â

Bachelor of Science : Civil Engineering 05/1997 Kansas State University City , State , USA

Coursework in [Course Name]

Student Member of ASCE and SWE

Engineering/Minor in Geology Emporia State University City , State , USA

Coursework in [Course Name]

Interests

Shafer, Kline & Warren, Inc./Technician

Skills

3D, AutoCAD, Design Software, Detail-oriented, engineer, meetings, Excel, Microsoft Word, Microstation, Modeling, Team Player, Transportation

Additional Information

- Shafer, Kline & Warren, Inc./Technician