

Scott K. Nale, P.E.

387 Arbogast Lane, Morgantown WV, 26508
(304) 216-1866 (c) (304) 581-7544 (h) snalewv@gmail.com

Qualifications

Accomplished, registered Engineer with significant experience in the transportation and construction industries. Background includes work on research and design in the fields of traffic and roadway systems as well as quality control activities. Past projects include work in multiple jurisdictions from coast to coast and work in Japan. Skilled in staff supervision, data management, technical evaluations, cost estimation, quality control and customer relations.

Professional Experience

TEDCO Construction

November 2010 - Present

Quality Control Manager and Project Engineer

- Review work at Fairmont Army Reserve Center for compliance with project specifications.
- Assist with project management, including coordination, owner interactions and submissions.
- Supervise subcontractor staff to conduct testing of building systems and practices.
- Provide documentation of construction activities on a daily basis.
- Interact with governing agencies, including Department of Environmental Protection, City of Fairmont, and Army National Guard inspection staff.

Accomplishment

- Provide a well-constructed building that meets the requirements of the owner.

French Engineering

August 2009 - October 2010

Traffic and Roadway Engineer

- Provide engineering design to meet various customer requirements.
- Train junior staff members in design, data collection, and quality control practices.
- Develop traffic and roadway plans to comply with relevant design criteria.
- Additional design tasks include H&H Review activities, contract specification preparation, and development of traffic simulation models.
- Responsible for development of cost estimates and quality control.

Accomplishment

- Reduce project backlog and meet all necessary deadlines. Additionally, improve the quality of products being developed by the company.

Gannett Fleming

September 2006 - June 2009

Traffic and Roadway Engineer

- Provide traffic engineering design to meet various customer requirements.
- Train junior staff members in design, data collection, and quality control practices.
- Manage field staff to collect data necessary to develop engineering plans and studies.
- Develop project schedules and manage staff to meet the necessary project milestones.
- Represent design team in public meetings and owner presentations.
- Conduct field studies and accident reconstructions and documented the findings.

Accomplishment

- Work as a traffic expert regularly traveling off site to provide expertise to military personnel.

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SPK Engineering

January 2003 - September 2006

Traffic and Roadway Designer

- Develop traffic and roadway plans design packages.
- Assist senior engineers with project management and quality control tasks
- Develop cost estimates and project schedules.
- Manage field staff to conduct large scale data collection activities.

Accomplishment

- Manage data collection activities to develop a traffic simulation model for Blair County, Pennsylvania. This model is still used by PennDOT to determine priorities for new roadway construction.

West Virginia University

January 2002 - December 2002

Traffic and Roadway Engineer

- Collect data as part of several research projects.
- Document the research findings as a master's thesis.
- Successfully defend master's thesis.

Accomplishment

- Successfully publish "Coordinated Traffic Signal Systems for Municipalities" and complete the necessary work to earn a Master's Degree in Civil Engineering.

West Virginia Dept. of Highways

May 1999 - August 1999

Civil Engineering Co-Op

- Conduct data collection activities for multiple construction projects.
- Test materials including concrete, asphalt and soil to confirm material properties meet necessary requirements.

Accomplishment

- Learn to conduct materials tests and properly document and control testing results.

Education and Certifications

- **Professional Engineer**, State of West Virginia <WV #1753>(December, 2007)
- **Professional Engineer**, State of Pennsylvania <PA #PE075541>(April, 2008)
- **Professional Traffic Operations Engineer** (PTOE) (June 2009)
- **Bachelor of Science** in Civil and Environmental Engineering
 - Minor in Communication Studies
 - West Virginia University; Morgantown WV; Graduation Date: December 2001
- **Masters of Civil Engineering** , Transportation Focus
 - Thesis: Coordinated Traffic Signal Systems for Municipalities
 - West Virginia University; Morgantown WV; Graduation Date: August 2006
- **Boy Scouts of America Eagle Scout** (October, 1995)

Job Related Training

- Introduction to Hydraulics and HEC-RAS (November 2009)
- Advanced Roadway Lighting (October 2009)
- Siemens SEPAC/Advanced 2007 (October 2007)
- Bentley In-Roads Basics (May 2004)
- Dale Carnegie Course: Effective Communications & Human Relations / Leadership Training for Managers (Fall 2004)