

# Transportation Engineer PE

Title: Transportation Engineer PE

ID: N2021-028

Job Location: Virginia Beach, VA; Richmond, VA; or Vienna, VA

Department: Transportation Engineering

Position Open: May 28, 2021

Position Close: Until filled

**Clark Nexsen is an Equal Opportunity Employer. Qualified applicants will receive consideration for employment without regard to race, color, religion, sex, age, national origin, sexual orientation, gender identity, disability, or protected veteran status. AAP. Drug-free workplace. E-verify. Applicants must be legally authorized to work for Clark Nexsen Inc. without employer sponsorship. We do not typically sponsor H-1B or any other work visa petitions.**

**Must apply online through website at [www.clarknexsen.com](http://www.clarknexsen.com).**

## **Firm Description**

When you come to work for Clark Nexsen, you'll experience a collaborative, entrepreneurial environment where big thinking is encouraged. We are a national, integrated architecture and engineering firm, but we believe that our role in making the world better isn't limited to design. Our vision and values drive our culture, our work, and our commitment to giving back to our communities through volunteerism and charitable giving.

With 11 offices spanning Virginia, North Carolina, Georgia, Tennessee, and Texas, our people shape the future by discovering opportunities to transform the way we live in and experience our world. We believe the best ideas come from collaboration, working across disciplines to inspire innovation and deliver high-performing projects for U.S. and global clients.

We offer generous compensation and benefits, including health, dental, vision, 401k, short and long term disability, paid time off, Aflac, flexible benefits, and legal resources. To learn more about our culture and expertise, please visit [www.clarknexsen.com](http://www.clarknexsen.com).

## **Job Description**

We seek to hire a **Transportation Engineer** in our **Virginia Beach, VA; Richmond, VA; or Vienna, VA offices** who will be responsible for performing and directing Transportation engineering duties on multi-discipline design projects of moderate to large scope, and projects that involve only Transportation engineering.

**General responsibilities** include but are not limited to the following:

- Performing Transportation engineering duties as a lead project engineer including analysis and design involving interstates and interchanges, urban roadways and bridges, site grading, stormwater management, erosion control, and site plan preparation; supervising and directing the work of EI/EIT's assigned to the project; coordination with other design disciplines; leading the production of contract documents; and satisfying project budget and schedule requirements

- Working on a multi-discipline design team
- Meeting with clients to prepare and validate scope of work
- Preparation of marketing and presentation materials as directed
- Obtain guidance from Senior Engineers and the Department Head as necessary to resolve technical and coordination issues and conflicting criteria
- Direct and supervise the work of EI/EIT's and CAD Technicians assigned to the project, particularly where unusual or difficult problems are encountered
- Performing Transportation services associated with the bidding process, including preparing addenda and amendments and opening and tabulating bids as directed
- Performing Transportation services associated with the construction phase, including field visits, answering RFIs, reviewing shop drawings, and preparing record drawings
- Complying with the company's quality control practices and procedures
- Working with, responding to, and taking direction from Managing Principals, Project Managers, Design Managers, Operations Directors and senior management
- Working with a multi-discipline team of architects, engineers, interior designers and landscape architects
- Participate in team meetings and coordinating efforts with other team members
- Directing, supervising and training junior Transportation staff as directed
- Mentoring and monitoring the professional development of junior Transportation staff

**Project responsibilities** include but are not limited to the following:

- Perform Senior Transportation Engineer tasks as directed
- Preparing scope and fee proposals for the Transportation portion of multi-discipline projects or single-discipline, Transportation-only projects
- Conduct project code analysis for review by the Senior Engineer
- Preparing accurate, complete, and code-compliant Transportation drawings and specifications for schematic, design development, and construction document submittals.
- Reviewing calculations and all work products produced by Transportation EI/EIT's assigned to the project, particularly analysis and design assumptions, input data, and output results
- Reviewing all drawings produced by Transportation technicians assigned to the project
- Coordinate drawings with technical specifications
- Coordinate work product with other disciplines
- Incorporate responses to QC and Gray Team comments into the project documents
- Assist in responding to RFI's, Owner comments, etc.
- Review and respond to CA submittals
- Perform discipline QA/QC review on assigned projects
- Adhere to discipline budget and schedule

### **Education**

Graduation from an ABET-accredited 4-, 5-, or 6-year engineering program in one of the following disciplines:

- Civil Engineering
- Civil and Environmental Engineering
- Civil, Environmental and Infrastructure Engineering
- Civil Engineering Technology

Post-graduate degree in Civil Engineering or Civil Engineering/ Transportation Engineering-related degree may be given additional consideration

### **Licenses, Certifications, and Accreditations**

- Must be a fully licensed Engineer in at least one US state, preferably in the local jurisdiction
- NCEES record to facilitate licensure through reciprocity is preferred
- Understanding of sustainable design principles and design practices with LEED AP accreditation is preferred
- Additional certifications such as PTOE are encouraged to reflect personal growth in the profession and an ever increasing knowledge base to enhance the design and documentation process
- Active participation in ITE, VASITE, ASHE, NSPE, ASCE or other related professional organizations is desirable

### **Software Skills**

A Transportation Engineer should be able to effectively utilize current company software programs for word processing, e-mail, accounting, and information management.

Working familiarity with design and production software to a point of being able to understand the capabilities and limitations of the programs and interact with the support staff in their use of the software is highly desirable.

### **Career Experience**

A Transportation Engineer should typically have 4 years or more of significant design and practice experience in a leadership role with a Transportation Engineering firm or a multi-discipline Architectural & Engineering firm. Experience with analysis and design involving interstates and interchanges, urban roadways and bridges, site grading, stormwater management, erosion control, and site plan preparation is desirable.

Experience as a lead designer or Transportation Engineer in federal, state, municipal, or similar projects plus experience in Design/Build and CM at Risk project delivery methods is desirable.

### **Other Criteria and Considerations**

- Ability to prepare effective and concise documents and correspondences.
- Ability to make presentations to a variety of groups
- Have a can-do attitude with a desire to provide outstanding professional services
- Be dedicated to his or her professional development as well as the success of colleagues and the firm as a whole
- Be dedicated to the advancement of the engineering profession

