



Civil Project Engineer

Atriax is an inclusive company with a life/work balance that is unrivaled by peer companies. The main office, located in Hickory, NC, is a recently renovated motorcycle repair shop/parts store located on the growing and vibrant Hickory CityWalk with direct connectivity to the thriving downtown, Lenoir Rhyne University, and Lake Hickory. The new facility is now a landmark in the City and serves as a creative incubator for A/E design and collaboration both internally and with clients throughout the United States.

Founded in 2001 by two retired US Air Force engineers; the Atriax Group is a multidisciplinary group of companies providing design, construction, and development services to the US Government and to select public and private entities worldwide. Our success is due entirely to the high caliber of employees we recruit, hire, and retain. At Atriax, we look for professionals who thrive in a high-performance environment where challenges are the norm and success is expected.

Position Summary

The Atriax Group is seeking a dynamic and passionate Civil Engineer to join our firm. As an Atriax Civil Project Engineer you will work closely with other registered engineers & architects and other design professionals on a diverse portfolio of projects that span the globe. You will be involved in all aspects of the day-to-day project management and design of our multi-discipline engineering projects from the initial planning through construction phase.

Successful candidate's responsibilities include (but are not limited to):

- Manage and assist with production work on all phases of projects including schematic design, design development, and construction documents including design review, coordination and correlation of construction drawings, and specifications.
- Engage with clients regarding project requirements, concept and design development, and design presentations.
- Provide project team coordination for incorporating design intent into the construction documentation, specifications, and during construction administration.
- Develop design documents and calculations as appropriate for civil engineering-related projects.
- Assist other Project Managers, Sr. Engineers or Architects with projects, calculations, drawings as needed.



- Creation of CAD drawings consistent with client requirements for format, standard, quality and timeliness.
- Conduct research and investigation on appropriate technical reference data pertinent to a project.
- Produce final hard copy and digital documents suitable for submission to clients consistent with contract requirements, schedule and budget.
- Develop design documents including site, building, parking & road layout, site grading, drainage, utilities, erosion & sediment control, and prepare detailed construction plans, specifications and contract documents.
- Use software including, but not limited to, AutoDesk products such as Auto CAD; Civil 3D; Revit; and standard office software such as Microsoft Office, MS Word, MS Power Point, MS Outlook, MS Excel, MS Project, etc.
- Participate in site visits and conduct field measurements to validate existing site and as-built conditions.
- Meet w/contractors, as needed, for construction administration and design clarifications. Maintain project document files, including deliverable packages, meeting notes, and client correspondence.
- Resolve complex technical/design issues and provide guidance to project team.
- Prepare and ensure accuracy of technical documents through participation in Quality Assurance reviews at each phase of the project.

The successful candidate will have:

- Demonstrated experience with architectural and engineering product review.
- Ability to work and thrive in a team-oriented environment.
- Excellent communication skills, both written and verbal, and experience communicating with regulatory agencies, clients, contractors, etc.
- Ability to positively motivate, manage, and develop subordinate employees.

Required Qualifications, Education and Experience:

- Bachelor's degree in Civil Engineering from ABET-accredited program or related field of study.
- Licensed as a Professional Engineer (PE) or ability to obtain within 6 months of hire.
- 8-years minimum experience with focus on infrastructure & development projects and engineering project delivery.
- Experience with engineering design using computer-based drafting, design and modeling applications (i.e., Civil 3D, HydroCAD, HEC RAS, MicroStation, etc.)



Preferred Qualifications:

- Project management and client services experience.
- Experience with DoD, USACE, VA, DOT and/or municipalities.

Working Conditions and Physical Requirements:

- Must have valid driver's license with ability to operate a motor vehicle.
- Ability to travel 10% -15% and stay overnight when required.
- As a Service Disabled Veteran Owned Small Business, the Atriax Group has a deep commitment to veteran hiring, support, and career advancement. We are especially interested in candidates who are veterans or transitioning military personnel.
- Compensation commensurate with experience.
- Available benefits for this position may include (but are not limited to):
 - Excellent medical, dental, and vision
 - 401(k)
 - Short Term Disability/LTD
 - PTO

The Atriax Group
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Atriax is an Equal Opportunity/Affirmative Action Employer and is committed to Diversity and Inclusion. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status.