

Structural Engineer (PE) – Precast Concrete

Gillespie Precast is seeking a **Structural Engineer (PE) – Precast Concrete** to join our team in Chestertown, Maryland. In this role, you will support the design and delivery of precast concrete structures for infrastructure projects, combining structural engineering, design analysis, and technical support for estimating and production.

About Gillespie Precast

Gillespie Precast is a family-owned and operated leader in precast concrete manufacturing, serving the Mid-Atlantic region with innovative infrastructure solutions. Our product offerings include box culverts, stormwater systems, sanitary structures, pump stations, utility vaults, rigid frame structures, and custom precast concrete designs.

As a growing organization, Gillespie Precast operates four production facilities and employs approximately 200 team members dedicated to delivering high-quality engineered solutions and exceptional customer service. Our continued growth is driven by a commitment to innovation, operational excellence, and building lasting relationships with our customers, employees, and communities.

Key Responsibilities

- Design and analyze reinforced and precast concrete structures
- Prepare and (if licensed) stamp engineering calculations and submittals
- Coordinate shop drawings and production documents
- Support pre-bid design and estimating efforts
- Collaborate with sales, production, and project teams
- Optimize designs for efficiency and manufacturability
- Review work from external engineering consultants
- Provide technical support to customers and internal teams
- Apply ACI, PCI, and ASTM standards

Additional Responsibilities

- Support product development and innovation
- Assist with custom formwork design
- Participate in technical presentations
- Contribute to quality control troubleshooting
- Mentor EITs and junior engineers

Required Qualifications

- Bachelor's degree in Civil Engineering or Structural Engineering
- **Professional Engineer (PE) license preferred; Engineer-in-Training (EIT) candidates actively pursuing licensure are encouraged to apply**
- Ability to obtain Maryland PE licensure through reciprocity, if applicable

- Experience with reinforced concrete design
- Proficiency in AutoCAD and Microsoft Office
- Strong communication and interpersonal skills
- Ability to work in both office and plant environments

Preferred Qualifications

- Active PE licenses in Maryland, Delaware, Virginia, or Washington, D.C.
- Experience with precast concrete design
- Knowledge of ACI, PCI, and ASTM standards
- Experience with MathCAD, Eriksson, BoxCar, or similar engineering software
- Structural steel design experience
- Infrastructure, transportation, or DOT project experience

Compensation & Benefits

- **Salary:** \$100,000–\$130,000 annually, based on experience and licensure
- Eligibility for a discretionary, performance-based bonus
- Health, dental, and vision insurance
- 401(k) plan with company match
- Paid vacation, sick leave, and company holidays
- Tuition reimbursement and professional development support

Equal Opportunity & Workplace Commitment

Gillespie Precast is an Equal Opportunity Employer and considers all qualified applicants without regard to race, color, religion, sex, national origin, age, disability, veteran status, or any other characteristic protected by applicable federal, state, or local law.

We are committed to providing reasonable accommodations to qualified applicants and employees throughout the hiring process and employment.

Employment is at-will and may be contingent upon successful completion of a pre-employment drug screening, in accordance with applicable law.