



Senior Geotechnical Engineer New England Region

POSITION SUMMARY

Ransom Consulting, LLC, a Pinchin Company, is seeking a Senior Geotechnical Engineer for our New England Region.

PRIMARY FUNCTIONS

The Senior Geotechnical Engineer is responsible for the following primary functions:

- Develop and implement construction and earthwork designs for various infrastructure projects, ensuring compliance with industry standards and regulatory requirements.
- Design and optimize earth support systems for excavation and retaining wall projects, considering factors such as soil properties, groundwater conditions, and project specifications.
- Conduct existing design and peer reviews to identify potential improvements and mitigate risks associated with geotechnical elements of projects.
- Perform field instrumentation and analysis to monitor the behavior of soil and rock structures, interpreting data to inform engineering decisions.
- Conduct forensic assessments to investigate the causes of geotechnical failures and provide recommendations for remediation and prevention.
- Evaluate foundations for structures, including shallow and deep foundation systems, and provide design recommendations based on site-specific conditions.
- Analyze ground improvement techniques and recommend appropriate methods to enhance soil properties and support foundation systems.
- Design and evaluate pavements for roads, highways, and other transportation infrastructure projects, considering factors such as traffic loading, subgrade conditions, and material properties.
- Conduct resource evaluations to assess the feasibility of development projects, including site suitability assessments and geotechnical risk analyses.
- Design rock anchor systems for slope stabilization, rockfall protection, and other geotechnical applications, ensuring stability and durability of the structures.
- Perform slope stability and landslide analyses using advanced geotechnical modeling techniques, identifying potential hazards and recommending mitigation measures.
- Lead or contribute to stand-alone or bundled geotechnical and environmental investigations, coordinating field activities, laboratory testing, and data analysis to support project objectives.
- Direct, support, and mentor junior staff.
- Other duties as assigned.

REQUIREMENTS

- Bachelor's degree in civil engineering, Geotechnical Engineering, or a related field. Master's degree preferred.
- Professional Engineer (PE) license required, with the ability to obtain licensure in multiple states.



- Minimum of 5 years of relevant experience in geotechnical engineering, with a focus on construction, earthwork, and foundation design.
- Proficiency in geotechnical software applications such as GeoStudio, Plaxis, FLAC, and Slope/W.
- Strong analytical and problem-solving skills, with the ability to interpret complex geotechnical data and provide practical solutions.
- Excellent communication and interpersonal skills, with the ability to effectively collaborate with multidisciplinary teams and communicate technical concepts to clients and stakeholders.
- Demonstrated project management experience, including the ability to manage multiple projects simultaneously, meet deadlines, and adhere to budget constraints.
- Commitment to continuous learning and professional development, staying updated on industry trends, emerging technologies, and best practices in geotechnical engineering.

PHYSICAL REQUIREMENTS

The employee is occasionally required to stand and stoop, kneel, crouch, or crawl. The employee must be able to move up to 10 pounds and occasionally lift and/or move up to 20 pounds. Specific vision abilities required by this job include Close vision and Distance vision.

COMPANY SUMMARY

For over 35 years, Ransom Consulting, LLC, a Pinchin Company, has been a multi-disciplinary engineering and environmental company, providing value-added and resilient solutions to our clients. We live and work in the communities we serve and have a vested interest in the success of our partners' projects. Always innovating, our team continually delivers sustainable solutions for our projects, our partners, and the planet. We value our team and strive to maintain a positive, supportive, flexible, and transparent workplace that is reflected in the high-quality service we provide our clients.

We offer competitive salaries and great benefits, but what makes Ransom, a Pinchin company, stand out from the crowd?

- Medical, dental, and vision plan options
- Basic Life Insurance, Accident, & Critical Illness Insurance
- Paid Parental Leave
- Flexible workplace to support work-life balance
- 401(k) Savings Plan
- Paid time-off and holidays
- Employee assistance program
- Professional development assistance
- Tuition reimbursement

We provide equal opportunities to all employees and applicants for current and future employment and prohibit discrimination on the basis of race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state, or local laws.



This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation, and training.

TO APPLY

Please email Jessica.linders@pinchin.com.