



Position Description

Position	Geotechnical Engineer	Grade	13
Department <small>To check box: Double click on box and choose "checked" as the default value</small>	<input type="checkbox"/> Executive/Admin <input checked="" type="checkbox"/> Operations <input type="checkbox"/> CST		
Effective Date	09/09/2020	FLSA Status	Exempt SOT

Position Summary	<p>The Geotechnical Engineer functions as a technical leader and is required to have a Professional Engineer (PE) license and commensurate work experience. This position will function as an independent engineer capable of completing most technical tasks with little supervision and will monitor task budgets. The Geotechnical Engineer will coordinate overall design activities, have increased client interactions, and will be responsible for additional Quality Assurance and Quality Control duties to help ensure the final product meets the technical requirements and goals of the client.</p>
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Primary Role Responsibilities	
1.	Performs independent planning and design tasks, reviews work of others, prepares construction documents, and successfully delivers projects to completion.
2.	Has experience with technically complex projects.
3.	Possesses knowledge of codes and standards applicable to design of projects.
4.	Maintains collaborative inter-departmental and cross functional working relationships with members of the project team.
5.	Performs initial QA/QC review of project submissions.
6.	Assists senior management in development of schedules, technical proposals, and labor hour estimates.
7.	Works closely with clients and project teams to effectively describe and deliver scope of work.
8.	Performs field, sample collection, and laboratory coordination tasks as needed.
9.	Supervises field and junior staff on larger projects as directed.
10.	Promotes, utilizes, and supports quality assurance and quality control processes to improve the quality of deliverables and reduce design errors & omissions.
11.	Performs and checks design calculations, technical specifications, and prepares cost estimates.
12.	Performs calculations such as stability analysis, bearing capacity, settlement, pile/drilled shaft capacity, micro-pile design, soil nail design, etc. with minimal oversight.
13.	Develops and maintains design budgets for routine scopes of work

This job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required of the employee. Other duties, responsibilities and activities may change or be assigned at any time with or without notice.



Education and Experience	<ul style="list-style-type: none"> • Education: Bachelor’s or Master’s Degree in position relevant Engineering field from ABET accredited school. • Experience: Minimum of five (5) years’ job-related experience. • Licensure/Certification: Professional Engineer (PE) required.
Additional Qualifications	Must have the ability to quickly review, understand, and resolve complex design and construction related issues. Proficiency with Slide, LPILE, GRLWEAP, SNAIL, AutoCAD Civil 3D, Microstation/InRoads, and other pertinent software programs to be used for geotechnical design and/or other discipline-specific programs preferred

Travel Requirements	Occasional travel required as needed. Local, extended distance, and overnight possibilities.
Safety Responsibility	All employees are responsible for evaluating the safety of their workspace and notifying their supervisor, Environmental Health Safety Manager, Human Resources and/or the Safety Committee of any concerns they may have.

Work Environment Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.	Primarily Office Environment with occasional project site visits. Overtime and weekend commitments as needed. Employee is not likely to be exposed to extreme weather conditions.
Physical Demands Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.	Occasional lifting, walking, standing, reaching and use of hands as is found in a professional office environment. Occasionally this position will require working outside at times of poor weather conditions including extremes of heat and cold. The employee must be able to lift equipment materials weighing more than 50 pounds. Long distances and steep terrain may be walked during site visits and may be asked to assist junior staff with field sample collection activities. Use of shovels, power augers, digging irons, and other hand tools can be required.