

Project Engineers (Tinton Falls, NJ or Various unanticipated locations throughout the U.S.)

Full Time. Multiple Positions. Requires Master's degree (or foreign equivalent degree) in Mining Engineering, Tunnel Engineering, Civil Engineering, or a closely related degree. 1 year experience in the offered position, as a Tunnel Engineer, Mining Engineer, or closely related position. Must have demonstrated knowledge of finite element analysis, design calculations, technical design submissions, geotechnical investigation, and tunnel or trenchless design. Knowledge can be gained through college-level education, certification, and/or experience. Must have experience in construction management. Must have a Professional Engineer (Civil) license in any U.S. state or be eligible for licensure [must have passed the Principles and Practice of Engineering Exam (Civil Engineering) and be pursuing PE licensure in any U.S. state.].

Manage SOE (support of excavation) services, tunnel, and trenchless projects, including preparing proposals, preconstruction submittals, completing SOE designs, and trenchless designs. Manage geotechnical instrumentation projects and perform site surveying. Perform construction inspections and oversight of underground projects. Provide construction management support by overseeing and coordinating all tunnel/trenchless aspects of a construction project. Perform ground-structure interaction analysis, geotechnical analysis, and dynamic analysis using advanced finite element software. Perform design calculations for multiple aspects of underground construction projects undertaken by the company, including but not limited to axial and external loading calculations. Develop technical design submittals and project specifications, including but not limited to coordinating design recommendations and documentation, preparing sketches, shop and construction plans. Perform geotechnical investigations via various methods to assess physical and engineering properties of soil and rock at construction sites. Prepare preliminary tunnel and trenchless designs as directed, including generating draft report or study sections, cost estimating, preliminary design reconnaissance, and construction support. Travel to unanticipated project sites throughout the U.S. (10-15%).

Salary & Benefits: \$93,662/year - \$160,000/year; health insurance, life/AD&D insurance, retirement plan (w/ company match 3%), PTO, Optional WFH on Fridays (plus 6 additional WFH days).

Send Resume to: Amanda LaMonaca, T. M. Kilduff Consulting, Inc. D/B/A Kilduff Underground Engineering, Inc., 106 Apple Street, Ste 101A, Tinton Falls, NJ 07724 or jobs@kilduffunderground.com