

**STAFF CIVIL/GEOTECHNICAL ENGINEERS:**

**Duties:** Design and analysis of various shallow and deep foundation systems for structures, including calculations to determine the factored bearing resistance or load carrying capacity of the foundations along with the estimation of foundation settlements under different subsurface conditions and structural loading combinations. Design and analysis of various permanent and temporary earth retention systems such as concrete gravity, soldier beam and lagging and sheet pile walls. Perform slope stability analysis. Design and analysis of MSE walls and Reinforced Soil Slopes. Pavement evaluation and design work. Assist with the preparation of geotechnical engineering reports for various types of projects in the government, industrial, and private sectors that will include highways, bridges, culverts, dams, tunnels, and public infrastructure improvements along with various commercial and residential developments. Inspection of test boring drilling activities and classification of soil and rock samples retrieved during drilling; preparation of boring logs for various types of projects. Work performed under the direct supervision of Project Engineers. Ability to use MS Word, MS Excel, L-PILE, GRLWEAP, SLIDE, SLOPE/W or similar slope stability software. **Number of Positions:** Two. **Requirements:** Master of Science in Geotechnical Engineering or Civil Engineering, six months experience. **Working Conditions:** Full-Time, 40 hours a week, occasional travel to client work sites. **Location of Position:** AWK Consulting Engineers, Inc., 1225 Rodi Road, Turtle Creek, PA 15145. **Apply:** Errol Abdulla, AWK Consulting Engineers, Inc., 1225 Rodi Road, Turtle Creek, PA 15145.