

Bridge Engineer (Summit, NJ): Perform structural analysis and design calculations using structural analysis software such as SAP2000, OpenSEES, and MIDAS Civil, emphasizing finite element modeling. Develop comprehensive 3D models, construction drawings utilizing AutoCAD and/or Revit. Design steel and reinforced concrete structures in adherence to industry standards and governing codes, such as ASCE, AASHTO, and AISC. Apply statistical software (SPSS, R and MATLAB) for the analysis of structural data, including strain, stress, deformation, and vibration to evaluate the deteriorated structures. Conduct research-focused tasks, including experimental design and analysis to evaluate structural performance and resilience. MS in Structural/Civil Engineering +1 year related experience. \$102,086/yr, standard benefit. Contact CHI Consulting Engineers: info@chiengineers.com

Contact: CHI Consulting Engineers, LLC
47 Maple Street, Ste. A201,
Summit, NJ 07901
ATTN: Ms. Rossy Arguello
info@chiengineers.com
908.516.1993