

Senior Structural Engineer - Bridges/Transportation

Department: Rhode Island

Location: Providence, RI

VHB is seeking a Senior Structural Engineer to join the dynamic and growing Structures group in our Providence, RI office. In this position, you would serve in a lead role in the planning, analysis, design, and detailing of bridge and other transportation related structural projects, as well as helping to lead and mentor our technical staff.

VHB's passionate professionals include engineers, scientists, planners, and designers who partner with public and private clients in the transportation, real estate, institutional, and energy industries, as well as federal, state, and local governments.

Together, we work to improve mobility, enhance communities and economic vitality, and balance development and infrastructure needs with environmental stewardship.

Responsibilities

- Preliminary and final design document preparation for bridge-focused transportation projects
- Project management/task management
- Staff mentoring/development/technical oversight
- Business development

Skills and Abilities

- Must possess strong technical skills
- Excellent verbal, written and interpersonal communication skills
- Independent experience developing bridge design and detailing (steel, concrete, prestressed concrete), and seismic analysis
- Demonstrated excellence in verbal presentations and technical writing is essential
- Detail oriented and quality focused
- Team oriented with strong capability to work independently
- Motivated to lead and mentor others
- Demonstrated past business development success

Qualifications

- BS in Civil Engineering
- Licensed PE required
- 15+ years of progressively responsible experience in design, project/program management, and other related experience in the management of complex bridge/transportation projects and/or programs
- Curved girder design experience

- Possess an understanding of completing transportation studies, design reports, final design documents and developing contract plans, in conformity with accepted engineering standards and procedures including AASHTO & RIDOT
- Strong organizational and time management skills
- Knowledge of structural engineering software (AASHTOWare, LARSA 4D, MDX, SP Column, MerlinDASH, Mathcad)
- AutoCAD Civil 3D, MicroStation v8 experience is a strong plus

Please submit applications online.

At VHB, we're invested in what we do, compelled by intellectual curiosity, and driven to work collectively to best serve our clients and help shape the future of our communities in a meaningful way. We're proud, yet humbled, to have been doing this for 38 years. We are dedicated to making a positive impact, and providing opportunities to grow personally and professionally.