

Bridges designed by FIGG are purposeful works of art, functional sculptures within the landscape, that are created through a careful analysis of the site, contextual and environmental sensitivity, and a regional approach that encompasses a community's particular needs, as well as the realities of funding and maintenance. FIGG's exclusive focus on bridge design and construction engineering inspection enables us to provide state of the art technology, innovative aesthetics and materials, and a unique capacity to partner for research. By capturing the powers of imagination, function, and technology, we build bridges that improve the nation's infrastructure, while enhancing the appearance of communities across America and the quality of life for the people who live in them.

Our **Dallas, TX Office** is seeking a **Bridge Designer** to support the design of its signature bridge projects. A successful candidate will have knowledge of LRFD bridge design criteria and concrete design practices. In this role you will perform structural analyses and develop design calculations using AASHTO and other design codes for different bridge structural systems. Additionally, a successful candidate will have the opportunity to participate in Construction Engineering and Inspections services on some of the most significant bridge projects in the United States of America. Typical projects will include signature segmental concrete bridges and cable stayed bridges.

Specific duties include, but are not limited to:

- Perform various bridge design tasks under the direction of a Senior Engineer
- Organize information for use in project documents
- Assist with bridge projects by creating concept reports, and Type, Size and Location reports
- Assist with the development of engineering drawing details
- Develop engineering quantity and cost estimates
- Assist with the development of project specifications
- Review contractor submittals during construction
- Perform condition inspections of existing bridges
- Generate and edit bridge inspection reports
- Assist with construction engineering and inspection services

Basic Qualifications:

- Bachelor's degree in Civil/Structural Engineering
- Master's degree in Civil/Structural Engineering
- 0-4 years of applicable bridge design experience
- Licensed Engineer-in-Training (EIT) required
- Proficiency in other current structural design software applications, with an emphasis on bridge design software, such as RISA 3D, LARSA 4D, PG Super, Conspan or FB Pier
- Proficiency in drafting software applications such as Microstation, AutoCAD or Civil 3D
- Proficiency in Microsoft Office applications, with a heavy emphasis on Excel and Word
- Applicant must have a valid driver's license and clear motor vehicle report
- Knowledge of AASHTO and representative state DOT bridge design standards preferred
- Excellent verbal and written communication skills
- Ability to communicate and work in a team oriented environment

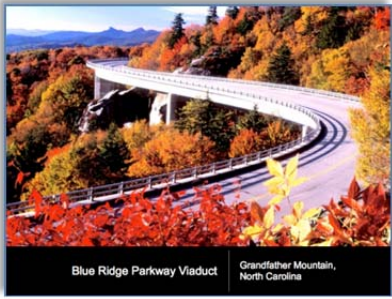
Benefits:

- Medical, Dental, Vision, and Life Insurance
- Vacation, Sick, Holiday Pay and 401k

Join the firm that Creates Bridges as Art - that are in harmony with their environment and whose owners have received over 340 design awards, including 3 Presidential Awards through the National Endowment for the Arts. If you are ready to Create Bridges as Art, please call 1.800.358.FIGG (3444) or send your resume to the recruiting address (txorecruiting@figgbridge.com).



I - 275 Sunshine Skyway Bridge Tampa Bay, Florida



Blue Ridge Parkway Viaduct Grandfather Mountain, North Carolina



Natchez Trace Parkway Arches Tennessee