

WHO WE ARE

Michael Baker International is a global leader in Engineering, Architecture and Consulting professionals dedicated to developing and implementing innovative solutions to the world's infrastructure and environmental challenges. Supported by more than 3,000 employees in nearly 100 locations across the United States, we provide a full continuum of engineering and consulting services, including design, planning, architectural, environmental, construction and program management. Our clients include U.S. federal, state and municipal governments, foreign allied governments, and a wide range of commercial clients. Michael Baker is committed to delivering a standard of excellence that fosters a culture of innovation, collaboration, and technological advancement to help solve our clients' complex challenges.

BRIDGE PRACTICE

Michael Baker International addresses bridge design, construction, and preservation challenges with innovative and sustainable solutions. Leveraging our depth and versatility, we've partnered with clients on a full spectrum of bridge types – from conventional-grade separations to major, complex river crossings including trusses, arches, box girders and cable-stayed bridges.

We remain at the forefront of bridge innovation and demonstrate continued leadership by applying the latest advancements in bridge design, construction, and inspection to our projects. Our bridge teams collaborate nationwide to design and build innovative structures that serve as the backbone of our nation's infrastructure for the millions of people who safely travel across them each day.

Consistently ranked by Engineering News-Record as a Top 5 Bridge firm, Michael Baker International offers clients an integrated team of professional engineers versed in all aspects of bridge planning, design, permitting, analysis and construction management and inspection.

DESCRIPTION

Michael Baker International is seeking a **Bridge Civil Associate/Bridge Engineer** to join the team in our **Cleveland, OH** office. The successful candidate will be provided the opportunity to join a talented group of individuals to help deliver important projects such as follows.

****More experienced candidates are encouraged to apply**

- Perform complex structural analysis and prepare design calculations
- Develop or assist in developing structural details and construction plans
- Prepare geometric / bridge layouts, construction specifications, and material quantity calculations
- Perform bridge inspections and assessments
- Successfully interface with staff from a range of other disciplines (highway, traffic, civil, planning, etc.) to support a diverse range of projects
- Assist in creating parametric models for bridge design projects
- Help integrate three-dimensional modeling within the larger BIM process for bridge design

PROFESSIONAL REQUIREMENTS

- Bachelor's Degree in Civil Engineering
- 0-5+ years of bridge design, analysis, inspection, and related experience
- EIT or ability to obtain within 6 months

- PE license preferred but not required
- Strong technical and communication skills with a commitment to quality
- Familiarity with AASHTO and DOT design and construction standards preferred
- Computer skills include Finite Element Software, Bridge Design Software, Microsoft Office, Computer Aided Drafting (MicroStation preferred)

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COMPENSATION

The approximate compensation range for this position is \$64,470- \$93,095 per year. This compensation range is a good faith estimate for the position at the time of posting. Actual compensation is dependent upon factors such as education, qualifications, experience, skillset, and physical work location.

BENEFITS

We offer a comprehensive benefits package including:

- Medical, dental, vision insurance
- 401k Retirement Plan
- Health Savings Account (HSA)
- Flexible Spending Account (FSA)
- Life, AD&D, short-term, and long-term disability
- Professional and personal development
- Generous paid time off
- Commuter and wellness benefits

For more information and to apply, please : [Bridge Civil Associate - Michael Baker International Careers \(oraclecloud.com\)](#)