

Bridge Inspection Services

Michael Baker International is a leading provider of engineering and consulting services encompassing all facets of infrastructure, including design, civil engineering, planning, architecture, environmental, and construction and program management. For more than 80 years, the company has been a trusted partner, providing comprehensive services and solutions to commercial clients and all branches of the military, as well as federal, state and municipal governments.

Bridge services are a core strength of our company. We provide the full spectrum of services related to bridge design, construction, maintenance and inspection. Our expertise has placed us among the top consultants in the U.S., ranking No. 5 in Bridge by *Engineering News-Record (ENR)*.

Excellence in Bridge Inspection

Bridge inspection has been a primary component and focus of Michael Baker's bridge services throughout our more than 80-year history. We literally wrote the book on it, having authored the popular Federal Highway Administration (FHWA) Bridge Inspector's Training Manual 90, as well as multiple updates to what is now known as the Bridge Inspector's Reference Manual (BIRM). Michael Baker has developed and updated over 10 different bridge and tunnel inspection courses for the National Highway Institute (NHI) and has presented more than 1,000 courses to over 30,000 participants over the past 30 years.



I-40 Hernando de Soto Bridge over the Mississippi River /
West Memphis, Arkansas, and Memphis, Tennessee

Michael Baker
INTERNATIONAL

We Make a Difference

SERVICES

Safety Inspection

Load Rating & Rehabilitation

Nonredundant Steel Tension Member (NSTM) Inspection

Inspection & Preservation Training

Inspection & Load Rating Manual Development

Society of Professional Rope Access Technicians (SPRAT) Certified Climbers

Unmanned Aerial System (UAS) Structure Inspections

Non-Destructive Evaluation (NDE)

OTHER INSPECTION SERVICES

Railroad Bridges

Tunnels

Overhead Signs

Mast-Arms (Traffic Signals) and High Mast (Lighting)

Pedestrian Bridges

Ports & Ferry Bridge Ramps

Airport Trams

Building Facades

Asset Management

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Visit mbakerintl.com/practices/bridge for more information about our capabilities and iconic projects.

#5

2021 ENR RANKING — BRIDGES

125

BRIDGE SAFETY INSPECTORS

100

OFFICES NATIONWIDE

1,250+

FHWA BRIDGE DESIGN AND INSPECTION
TRAINING COURSES DELIVERED

Michael Baker
INTERNATIONAL

BRIDGE INSPECTION EXPERTISE

As an *ENR* top-five bridge consulting firm, our Bridge Practice consists of more than 300 bridge engineers, including 125 bridge inspectors. Over the years, Michael Baker has been called upon by clients to inspect many major complex bridges and river crossings, including conducting multiple inspections of the 900-foot-high New River Gorge Bridge in West Virginia, which is one of the highest bridges in the U.S. Michael Baker's inspectors have performed field inspections of bridges of every type, from small girder bridges and culverts to major river crossings, including long-span trusses, arches, suspension, and cable-stayed bridges and tunnels.

Collectively, Michael Baker's engineers and inspectors have completed tens of thousands of National Bridge Inspection Standards (NBIS-compliant) inspections and reports. Michael Baker is performing bridge safety inspections for approximately 30 bridge owners from more than 20 states with more than 75 equivalent full-time bridge inspection engineers. We also are poised for growth, with the capacity to mobilize up to 125 qualified bridge inspection engineers when and where necessary. Michael Baker's experience includes in-depth inspections of many of the long-span crossings of the Ohio and Mississippi rivers.

Michael Baker's three decades of providing NHI bridge inspection training has put us at the forefront of establishing and developing bridge inspection standards and procedures. We were the first consultant to provide online instructor-led training for NHI. By providing inspection training in virtually every state in the U.S., Michael Baker has firsthand knowledge of the concerns and issues faced every day by department of transportation inspection personnel and managers and has a clear understanding of the practices that provide benefits and results to transportation clients. Combined with our extensive hands-on inspection experience, we offer inspection qualifications and expertise that few other consultants can match.



Sherman Minton Bridge / Louisville, Kentucky,
and New Albany, Indiana



Baldwin Bridge / Old Saybrook and Old Lyme, Connecticut