

INTELLIGENT TRANSPORTATION SYSTEMS

Advancing the smarter use of transport networks

Michael Baker
INTERNATIONAL



OFFICE LOCATIONS

90+

ITS & TRAFFIC PRACTICE EMPLOYEES

120+

2025 ENR RANKING – TRANSPORTATION

#13

2025 ENR RANKING – TOP 500 DESIGN FIRMS

#27



AS A LEADER IN INTELLIGENT TRANSPORTATION SYSTEMS (ITS) AND SMART MOBILITY, MICHAEL BAKER INTERNATIONAL LEVERAGES TRANSFORMATIVE TECHNOLOGIES TO PLAN, DESIGN AND DEPLOY SOLUTIONS THAT HELP IMPROVE MOBILITY, REDUCE TRAFFIC FATALITIES AND IMPROVE SAFETY.

We Make a Difference



LEVERAGING TRANSFORMATIVE TECHNOLOGIES TO PLAN, DESIGN AND DEPLOY SOLUTIONS ACROSS THE UNITED STATES.

Smart Columbus Program Management Services
Columbus, Ohio

IMPROVING MOBILITY AND SAFETY TO REDUCE TRAFFIC FATALITIES WITHIN THE COMMUNITIES WE SERVE.

West End Bridge
Integrated, Dynamic Message Signs and Lane Control
Pittsburgh, Pennsylvania



CELEBRATING 85 YEARS OF ICONIC PROJECTS.

Newark Liberty International Airport ITS
Newark, New Jersey



CAPABILITIES

Advanced Transportation Modeling

All Electronic Tolling

Communications Infrastructure

Concept of Operations

Connected & Automated Vehicles

Cybersecurity

Data Management

Intelligent Transportation Systems

Managed Lanes

Network Planning & Design

Smart Mobility Solutions

Systems Engineering

System Integration

Traffic Adaptive Signal Systems

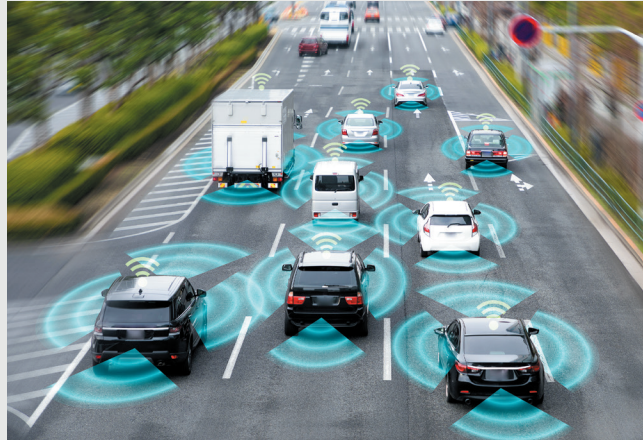
Transportation Systems Management

Vehicle-to-Infrastructure Application Development Support

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

CONTACT

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U.S. 33 Smart Mobility Corridor Program Management

Columbus, Ohio

Michael Baker provided program management and technical oversight to implement connected vehicle technologies along a 35-mile section of U.S. 33 between Dublin and Marysville near Columbus, Ohio, which includes the installation of 62 dedicated short-range communication devices to equip 600 to 1,200 vehicles with connected vehicle technology.

George Washington Bridge Replacement of ITS Devices

Fort Lee, New Jersey

Michael Baker prepared engineering drawings, specifications and construction cost estimates for the installation of more than 300 ITS devices along the 4,760-foot bridge and more than 10 miles of the regional highway network to maximize throughput and travel time for travelers.



I-17 Wrong Way Driver Detection and Warning System Pilot

Phoenix, Arizona

To reduce the number of fatalities caused by wrong-way driving, Michael Baker designed the country's first-of-its-kind wrong way driver detection system, which uses illuminated "Wrong Way" signs to attract the attention of drivers traveling in the wrong direction and freeway mainline sensors and interchange sensors to alert agencies or law enforcement officials much faster than waiting for 911 calls from other drivers.

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Photo courtesy of ADOT