

Michael Baker

INTERNATIONAL

CAPABILITY STATEMENT

Broadband GIS Mapping, Planning, and Program Management

ABOUT MICHAEL BAKER INTERNATIONAL

Michael Baker International, a leading provider of engineering and consulting services, including geospatial, design, planning, architectural, environmental, construction and program management, has been solving the world's most complex challenges for over 80 years with a legacy of expertise, experience, innovation and integrity. As a full-service geospatial, planning, and engineering firm, Michael Baker has nearly 200 geospatial professionals, certified GIS Professionals (GISP) and licensed surveyors who have successfully performed work on numerous federal, state, local, and private telecom broadband mapping support contracts with the goal of solving the Digital Divide.



INFORMATION

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CORE COMPETENCIES

Program Management

- ▶ Federal, State, and Local Government Broadband Planning
- ▶ Stakeholder Facilitation and Engagement
- ▶ Presentation and Challenge Process Preparation
- ▶ FCC Digital Opportunity Data Collection Guidance

Website Development

- ▶ Public Facing GIS Applications
- ▶ Public Feedback Surveys
- ▶ Broadband Availability Dashboards
- ▶ Internet Service Provider Data Submission Portals
- ▶ Secure Cloud or On-Premise Hosting

GIS Database Development & Analysis

- ▶ Unserved/Underserved Analysis
- ▶ Form 477 Gap Analysis
- ▶ Community Anchor Institution Mapping

Data Validation & Verification

- ▶ Rural Broadband Gap Analysis
- ▶ Mobile vs Fixed Broadband Speed Testing
- ▶ Broadband Data Source Comparisons



DIFFERENTIATORS

Full Service Geospatial, Architectural, and Engineering Firm

- ▶ Understand Projects from Inception to Completion
- ▶ Ranked #31 Top ENR Design Firm
- ▶ 80 Years of Satisfied Clients

Telecommunication Services

- ▶ Feasibility Studies, Planning, Site Acquisition, Zoning, and Permitting
- ▶ A&E Structural Design for Wireless Networks, Antennas, and Towers
- ▶ Program/Project Management of Wireless Communication Networks

Mobile LiDAR

- ▶ Fleet of (4) Mobile LiDAR Systems
- ▶ Comprehensive One-Touch Make Ready (OTMR) Solutions
- ▶ Fiber, Emergency Management, and Asset Inventory Solutions
- ▶ Fully and Semi-Automated Feature Extraction Workflows

Worldwide Reach

- ▶ Telecom Projects in Alaska, Caribbean, Mexico, Venezuela, Brazil, and Argentina
- ▶ Cold Region and Subsea Expertise
- ▶ DoD Telecom Master Planning
- ▶ DoD Infrastructure Capacity Analysis



NUMBER OF CERTIFICATIONS AND LICENSES

GISPs	29	AICPs	74
PLSs	43	PMPs	64
PEs	993		

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