

Related Services:

- Complex Bridges and River Crossings
- ALTA / ACSM Land Title Surveys
- Topographic Mapping
- Boundary Determination
- Aerial Photogrammetry
- Right-of-Way Mapping
- Laser Scanning / Imaging
- Building Information Modeling (BIM)

Types of Projects:

- Transportation/Transit
- Water Resource Facilities
- Airport Facilities
- Military Redevelopment
- Resort/Entertainment Facilities
- Commercial/Industrial Developments
- Residential Developments
- Master Planned Communities
- GIS Database Mapping

Surveying and Mapping Services

Michael Baker International understands the importance of a reliable foundation to support our client's needs. Accurate horizontal and vertical control, detailed topography, and boundary mapping provides a reliable foundation upon which critical project decisions can be successfully resolved, and on which engineering designs can be accurately depicted. Professional Surveying and Mapping have been principal services since the firm's inception over 70 years ago. From field transit to modern Global Navigation Satellite Systems, Michael Baker International is recognized at the forefront of the Surveying and Mapping profession.

From the advent of automated survey and mapping calculations to the development of computer-aided design (CAD), Michael Baker International has been at the forefront of leveraging the power of technology and innovation to better provide service to clients. The firm is a national leader in implementing complex enterprise geospatial information technology (GIT) solutions and applying advanced mapping systems through telecommunications, pipelines, and transportation. The company has mapped millions of square miles of the earth's surface with innovative Aerial and Mobile LiDAR (Light Detection and Ranging) systems that accurately determine range, elevation, and other critical mapping data. Michael Baker International's mobile LiDAR system provides a more efficient survey solution over traditional methods for cataloging data related to our Nation's and the World's critical infrastructure. Michael Baker International's mobile LiDAR system offers resolutions and detail unachievable by aerial LiDAR or photogrammetry. Services include cartographic mapping, data conversion, database design, needs assessment planning, special analytics, and system implementation.

