



gai consultants

CULTURAL RESOURCES

Since its formation in the 1970s, the Cultural Resources Group at GAI Consultants has provided archaeological, historic architectural, and soils science services for a diverse array of clients. From Phase IA sensitivity modeling through Phase III site mitigation, GAI's dedicated professionals clear the way for our clients to effectively manage prehistoric and historic-period cultural resources.

The qualifications of our highly accomplished, professional, full-service team of archaeologists and historians exceed federal standards. Our specialists hold advanced degrees in history, architectural history, and prehistoric and historical archaeology, and many are certified by the Register of Professional Archaeologists. We have the resources to mobilize multiple teams quickly while remaining responsive to clients' immediate and changing project needs.

GAI routinely streamlines archaeological investigations by conducting preliminary studies and reconnaissance surveys prior to subsurface

investigations. Our clients favor this cost- and time-saving approach, which meets the guidelines of both federal agencies and State Historic Preservation Offices.

We have a broad historic preservation portfolio that includes large-scale architectural and archaeological surveys for transportation and utility projects, surveys for municipalities as part of historic preservation planning programs, and smaller surveys, action plans, and architectural design guidelines for grant-funded preservation initiatives.

GAI's award-winning public outreach programs convey the benefits of cultural resource efforts to affected local communities. We create websites, author publisher-quality reports, and organize hands-on programs for students.

GAI is uniquely qualified to assist our clients with advanced services in geoarchaeology, geomorphology, and pedology. Our specialists

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in these fields work alongside our archaeologists to develop a framework for evaluating cultural resources effectively. Further, using geomorphological assessments to eliminate cultural resource test areas means project costs are lowered and less time is spent on subsurface investigations.

GAI's cultural resource services are supported by a well-equipped and staffed archaeology laboratory, as well as modern survey equipment, Geographic Information System (GIS), and Global Positioning System (GPS) technology.

Cultural Resources Services

- Phase I/II archaeological investigations
- Phase III data recovery, treatment, and mitigation plans
- Historical background and geomorphic studies
- NEPA, NHPA, FERC compliance reviews/reports
- Section 4(f) reports
- EIS, EAs, Categorical Exclusion Evaluations
- GIS predictive modeling
- HABS/HAER recordation
- Prehistoric and historic material analyses
- Historic architectural surveys
- Historic structure reports
- National Register of Historic Places nominations
- Archival and deed research
- SHPO and Native American consultation
- Public outreach and education programs
- Geomorphology reconnaissance
- Stratigraphic soil profile evaluations
- Soil and sediment laboratory analysis



GAI Consultants' Services:

- Airport Planning and Design
- Bridge and Structure Inspection and Design
- Coal Combustion Residuals Management
- Construction Inspection and Management
- Cultural Resources Management
- Economic Analyses and Strategies
- Electric Transmission Design and Siting
- Environmental Engineering
- Environmental Studies, Species Studies, Permitting
- Gas Pipeline Surveying and Mapping
- Geographic Information Systems (GIS)
- Geotechnical Engineering and Geology
- Impoundment and Landfill Permitting and Design
- Land Development Engineering
- Landscape Architecture and Design
- Master Planning and Urban Design
- Mechanical, Electrical, Structural Engineering
- Natural Gas FERC Certification and Permitting
- Nuclear Energy Engineering Support
- Right of Way and Appraisal Support
- Land Surveying and Mapping
- Transportation Planning and Design
- Utility Management Consulting
- Water, Stormwater, Wastewater Management

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