



Spear points and knives ca 4000 years old



Trench excavation

Cultural resources management

Cultural resources studies are needed when disturbing the ground or modifying structures on federal or tribal land, under a federal agency permit, or when using federal money for compliance with Section 106 of the National Historic Preservation Act and other applicable federal and state laws. Cultural resources management (CRM) is important in minimizing loss of culturally-significant material while keeping your project on schedule.

Wood Environment & Infrastructure Solution's in-house CRM group includes experts in historic and prehistoric archaeology, architectural historians, skeletal biologists, geoarchaeologists, geophysical analysts, geographic information system (GIS) technicians, Native American consultation specialists, prehistoric and historic artifact experts, and faunal analysts and specialized lab technicians.

Services include Phase I archaeological surveys, Phase II National Register of Historic Places assessments, and Phase III data recovery; cultural historic inventories and historic viewshed assessments, historic bridge inventories and assessments, historic and prehistoric cemetery delineation and relocation, geophysics surveys (remote sensing), geospatial analysis,

and GIS and Global Positioning System (GPS) data integration, and Native American consultation.

Key Services

- All levels of cultural field surveys
- Historic American Building Surveys and evaluations / viewshed analyses
- State and federal agency consultation
- Geophysics and remote sensing
- National Environmental Policy Act support
- Global positioning system / geographic information system mapping
- Geomorphology
- Historic cemetery delineation and skeletal analysis
- Native American consultation

Our more than 100 CRM professionals serve federal, state, oil and gas, and energy clients, and are recognized by clients for our excellent quality work, responsiveness, and ability to adapt to difficult and demanding working conditions.

Selected clients

- Federal - National Guard Bureau, U.S. Army Corps of Engineers, U.S. Air Force
- Oil and gas - Kinder Morgan, Spectra, NiSource, Columbia Gas
- State departments of transportation
- Energy - Ameren. LG&E, TVA, Grand River Dam Authority

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Arnold Air Force Base (AFB), U.S. Air Force (USAF); Coffee and Franklin Counties, TN

Phase I archaeological survey / inventory project totaling 16,825 acres - nearly half the entire size of Arnold AFB, and one of the largest surveys of this type ever undertaken by the USAF.

Rockies Express Pipeline, Caprock Environmental Services; East Central MO

Five Phase III data recovery projects totaling \$3.5M on an aggressive schedule for one of the largest natural gas pipelines being constructed in North America, extending from Rio Blanco County, Colo. to Monroe County, Ohio.

Cultural Resources Investigations in Support of the Pennsylvania Army National Guard 56th Stryker Brigade Combat Team Transformation, Statewide, PA

Cultural resources investigations of more than 50 existing and proposed PAARNG facilities. More than 300 historic buildings documented, 2,000 combined acres surveyed, and over 15 previously-unreported archaeological sites documented.

Phase I Archaeological Survey and Historic Properties and Maintenance Plan, Grand River Dam Authority (GRDA), Mayes County, OK

Intensive Phase I archaeological investigation of selected parcels of land totaling 2,800 acres immediately surrounding Lake Hudson.

Native American Consultations, AL, IN, MO, OK, WV

Numerous consultations and workshops where Native Americans express their values and perspectives on cultural resource management activities. Wood organizes labor, personnel, facilities, equipment, transportation, and necessary supplies. This includes planning and logistics, appropriate cultural protocol, documents and materials preparation, research and historical review, meeting facilitation, and post-meeting summaries.

Wood has extensive experience working with the regulatory environment, including communicating with state historic preservation officers and federal agency cultural resource managers. This experience provides us with exceptional guidance and advice for the client, as we are able to explain regulatory needs and provide options for compliance given project budget and scheduling ramifications. Wood can respond to client needs quickly and cost effectively on small and large projects, with local resources and experience.

Our nationwide depth and access to qualified archaeological field technicians allow us to conduct multiple large-scale projects simultaneously, using crews numbering more than 50 individuals. Close interaction among this diverse, knowledgeable, and experienced staff enables us to offer our clients a breadth of in-house resources and capabilities rarely found under one roof.

McAlpine Locks and Dam Replacement, U.S. Army Corps of Engineers (USACE) Louisville District; Louisville, KY

Investigations required to mitigate damage caused to the site by excavation of a 100-by-120-foot pit to be used to dispose of wet debris dredged during construction activities associated with expansion of the locks. The investigations revealed more than 15 feet of intact archaeological deposits including ancient hunter-gatherer fishing camps dating to the Late Archaic and Early Woodland periods between 1000 to 100 BC and an intensely-occupied Native American village associated with the Mississippian cultural tradition that was occupied between AD 1100 and 1450.

"It is always a pleasure to be involved with you and the staff. I would not hesitate to recommend [Wood's] cultural division, or, in fact, suggest highly that you do excellent work and are very easy to work with."

Rita L. Meneses
Cultural Resources Manager
Pennsylvania Army National Guard Department of Military and Veterans Affairs

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