



# cra

cultural resource analysts, inc

## *Corporate Qualifications*



Federal Supply Schedule MAS 541620  
(Contract No. 47QRAA19D0048)

**Small Business Concern**  
NAICS Codes: 541360, 541380, 541620,  
541720, 541990, 712120, 541690  
Unique Entity ID (UEI) No.: JBXDBZ7YLBZ8



# The



# Advantage

- Depth of staff , equipment, and financial resources to guarantee effective completion of your project on schedule.
- Extensive experience working as a prime or subcontractor with clients in the private and public sectors, including agencies of local and state governments and the federal government; non-profit organizations; and small and international corporations.
- Capacity to conduct concurrent, large-scale field projects.
- Permanent, professional staff with technical expertise in historic and prehistoric archaeology, architectural history, and history to cover the full range of cultural resources encountered.
- Specialists in human skeletal remains and mortuary practices; prehistoric lithics and ceramics, historic materials, faunal, and paleoethnobotanical analyses; and geomorphology.
- A suite of geophysics and remote sensing services in archaeology and historic preservation.
- Modern offices with well-equipped archaeological laboratories.
- Highly trained staff in information technology that uses state-of-the-art computer equipment and software to produce graphics that support cultural resource studies and plans.
- Full-time publications department dedicated to preparing user-friendly, error-free final products.
- Impeccable safety record and excellent working relationships with subconsultant companies.

## ***Our Mission Statement***

**For the past four decades, Cultural Resource Analysts, Inc. (CRA), has been recognized as one of the most respected, full-service, cultural resource consulting firms in the United States. Our mission is to meet our clients' needs in the delivery of appropriate, high-quality, cost-effective consulting services in the study of archaeology and the historic built environment. CRA's accomplishments are directly attributable to our core values: excellent service, respecting all people, building strong relationships, honesty, integrity, supporting our employees, and entrepreneurial spirit.**



# Our Services

CRA provides a full range of cultural resource and historic preservation services. Specializing in both historic structures and archaeology, we routinely assist state and federal agencies, as well as private developers, through the permitting process as it applies to federal and state preservation regulations. Our extensive experience includes working with state and federal agencies on survey and evaluation strategies and requirements and the development, negotiation, and implementation of mitigation plans.



## *Architectural Services and Historic Preservation*

CRA's team of historians and architectural historians exceeds the Secretary of the Interior's Professional Qualifications and has a noted record of success on a wide variety of projects ranging from compliance surveys and preservation planning to viewshed analysis and in-depth contextual studies and physical documentation for HABS/HAER/HALS and historic structures reports. Our professionals have expertise with numerous property types, from individual buildings and districts in rural, urban, and industrial settings to cultural landscapes and to places of the recent past. They are also experts at implementing cutting-edge, project-specific approaches, whether completing a community survey for a local municipality or a nationwide study for a federal agency. CRA is particularly well-versed in handling large-scale, complex projects and developing mitigation strategies that are directed at recognizing the continued meaningfulness of historic places. It is upon such expertise and experience that CRA's historians and architectural historians craft the strongest studies for the regions and properties we document.

## *Heritage Tourism and Public Education*

CRA maintains a long-standing commitment to public education. We work with clients to make historic places interesting and accessible to the public through interpretive exhibits, brochures, trails, Web sites, and educational programs and events. CRA's diverse staff will develop any of these products for the preservation and interpretive development of a heritage resource, taking into account buildings, ruins, archaeology, history, natural and cultural landscapes, and the needs of the visiting public.



## Historic Archaeology

CRA's historic archaeologists have conducted in-depth studies of farmsteads, towns, toll-houses, taverns, and general mercantile structures ranging in age from the late eighteenth through the early to mid-twentieth centuries. Archaeological investigations in large urban centers are conducted frequently also. The excavations in these settings reveal information on the changes in the urban landscape over time, from early pioneer settlements and urban farmsteads to the industrialization and growth of the cityscape. In addition, CRA staff have worked on Civil War camp, fortification, and prison sites, and understand the special needs of military sites of all periods.

## Industrial Archaeology

CRA's industrial archaeologists have investigated a variety of industrial sites from canals, salt works, iron furnaces, blacksmith shops, wool-carding shops, and taverns and distilleries to saw and grist mills, hemp mills, powder mills and mines, coal mines, and oil/gas wells and their pump stations. The mechanized elements of the industrial sites, such as the mill works and furnaces themselves, are examined as well as their ancillary industrial structures. In addition, towns and camps built around industrial enterprises, such as coal mining camps, are investigated and reveal important information regarding the lifeways of the individuals and families who lived and worked there.

## Cemeteries and Bioarchaeology

CRA conducts all aspects of cemetery investigations, including identification and documentation, delineation, excavation/disinterment, bioarchaeological analysis, and reinterment. Interdisciplinary approaches, including archaeological survey, geophysical remote sensing, archival research, genealogical research, and use of heavy mechanical equipment may be used to identify the locations of abandoned, neglected, and forgotten cemeteries; to delineate the boundaries of cemeteries with unmarked graves; and to connect individuals to descendants. CRA has three bioarchaeological and historic cemetery materials specialists on staff.





## Remote Sensing and Geophysical Capabilities

CRA has conducted over 100 geophysical projects for investigations spanning precontact to modern contexts. Our geophysical survey techniques include: magnetometry, ground-penetrating radar (GPR), electromagnetic induction (electrical conductivity and magnetic susceptibility), and electrical resistivity. We emphasize using state-of-the-art data collection procedures with high-speed, high-resolution, multi-channel equipment driven by all-terrain vehicles (where applicable) paired with advanced processing routines. Additionally, our remote sensing equipment includes multiple unmanned aerial vehicles (UAVs) with RGB and multispectral sensors, various hand-held photogrammetry setups, and structured light scanning. We have the ability to produce high-resolution, three-dimensional models varying in complexity from small artifacts to complete landscapes.

## Prehistoric Archaeology

CRA has the expert staff necessary for the excavation, analysis, and interpretation of archaeological sites with prehistoric components, whether single or multi-component surface sites or nonstratified or stratified buried sites, mounds, villages, or rockshelters. Our prehistoric archaeologists use a variety of methodological and theoretical approaches to define cultural chronology, reconstruct prehistoric lifeways, study site structure and site formation, investigate the nature of aboriginal settlement and subsistence, model regional settlement patterns, and explain cultural processes.





# Corporate Infrastructure



All of CRA's key personnel meet or exceed the Department of the Interior's Professional Qualification Standards for archaeology, architectural history, or history (36 CFR 61). All principal investigators in the company possess a master's degree or higher, as do many of our technical staff and administrative support. All of our archaeologists are Registered Professional Archaeologists (RPA). Additionally, CRA staff members continue their professional development by regularly attending and presenting papers at state, regional, and national conferences and publishing in peer-reviewed journals.

## Equipment and Facilities

Our three-story headquarters building consists of a wet lab, a specialties lab, a photography studio, an osteological laboratory, a faunal analysis comparative collection, and a series of additional analysis labs with multi-purpose layout space. Similar lab set-ups exist at our satellite offices as well. CRA technology includes computer workstations for each permanent employee, additional laptops, black and white and color printers/copiers, CAD stations, a plotter, and mapping and publications software. CRA's fleet has 4WD vehicles such as SUVs and trucks, in addition to ATVs and boats to access remote areas. CRA also owns cargo trailers equipped for excavation. Surveying equipment includes stations with data collectors and GPS receivers. Specialized archaeological equipment includes flotation devices, film and digital cameras, water pumps (for water screening and site drainage), two-way radios, cellular phones, digital calipers, digital scales, microscopes, proton magnetometers, gradiometers, conductivity meters, and an electrolysis tank. In addition, we have a large number of field tools for working in inclement weather.

## Health and Safety

CRA recognizes that a safe working environment leads to better work. Safety at CRA is accomplished by a proactive teamwork approach that begins with the selection of competent people and use of top-quality equipment to fulfill the needs of our clients in a safe and efficient manner. Ongoing safety training is a company-wide mandate at CRA. Each year, all employees receive training in bloodborne pathogens and every other year they receive training in first aid and CPR. CRA provides additional training opportunities throughout the year and conducts regular safety training for its project personnel that is tailored toward the specific needs of each project, including daily safety briefings and weekly safety meetings. Each CRA office has a designated safety officer, who develops and advocates measures for assuring workplace safety. All CRA employees are required to review and adopt our safety policies and employees are expected to recognize and report unsafe working conditions and behaviors. Through our company-wide dedication to employee safety, CRA prides itself on creating a safe work environment through constant improvement.



## ***Financial Performance***

CRA recognizes the need for accurate and timely financial information to ensure the best performance and highest measure of accountability. We are subject to annual audits by the Kentucky Transportation Cabinet and, on occasion, by the Department of Defense. These audits have gone smoothly due to the firm's excellent bookkeeping records and integrated system for linking critical transactions and budget formulations with its core financial system. The company maintains cost-effective, activity-based cost management information that improves our performance.

## ***Information Management Systems***

CRA's application of cutting-edge technology across the entire spectrum of the cultural resource management process gives our clients a product unparalleled within the industry. CRA employs Information Technology specialists to maintain existing information systems and to evaluate new technologies for incorporation into our system. CRA has made a considerable investment in computer, networking, and peripheral hardware to provide our staff with a fast, stable network environment. The use of industry-leading retail software and several custom proprietary database suites allows CRA to collect and disseminate information in a wide variety of electronic and paper formats.

## ***Production Department***

CRA produces quality reports that exceed the highest technical standards and clearly convey the results of our work. CRA provides a full range of graphic design and interpretive services. The use of industry-standard computer-aided design and drafting, geographical information systems, and graphic arts and document layout software allows CRA to provide and accept mapping and reports in any format. CRA employs production specialists and professional cartographers who will tailor customized report and mapping solutions to meet your needs.

## ***Past Performance***

CRA has worked with hundreds of clients over the years and completed thousands of projects. Our management approach ensures that each project is treated individually and that the staff, equipment, and financial resources necessary are made available. We are very proud to provide services to many long-standing clients. CRA has grown into a large-scale business that continues to retain small-business accessibility. We can create solutions for your compliance needs, responding to you whenever necessary, with the right answers.





# Clients

CRA has completed nearly 6,000 individual cultural resource management projects for a wide variety of federal, state, and private clients throughout the United States and internationally.

## Federal Agencies

Bureau of Indian Affairs  
Bureau of Land Management  
Bureau of Reclamation  
Department of Agriculture  
Department of the Air Force  
Department of the Army  
Department of Defense  
Department of Energy  
Department of Homeland Security  
Department of Housing and Urban Development  
Department of the Interior  
Department of Justice  
Department of the Navy  
Department of Veterans Affairs  
Economic Development Administration  
Farmers Home Administration  
Federal Aviation Administration  
Federal Communications Commission  
Federal Emergency Management Agency  
Federal Energy Regulatory Commission  
Federal Highway Administration  
Fish and Wildlife Service  
General Service Administration  
National Aeronautics/Space Administration  
National Park Service  
Natural Resources Conservation Service  
Office of Surface Mining  
Rural Business Services  
Rural Development  
Rural Economic Community Development  
Rural Utilities Service  
Tennessee Valley Authority  
U.S. Army Corps of Engineers  
U.S. Coast Guard  
U.S. Forest Service  
U.S. Postal Service

## State Agencies

Colorado State Parks  
Illinois Historic Preservation Agency  
Indiana Department of Natural Resources  
Indiana Department of Transportation  
Indiana Division of Historic Preservation  
Kentucky Department for Environmental Protection  
Kentucky Department for Health Services  
Kentucky Department for Surface Mining Reclamation  
Kentucky Heritage Land Conservation Board  
Kentucky Historical Society  
Kentucky Parks and Recreation Dept  
Kentucky Transportation Cabinet  
Missouri Department of Transportation  
Ohio Department of Transportation  
Tennessee Department of Environment & Conservation  
Tennessee Department of Transportation  
Virginia Department of Mines  
West Virginia Department of Transportation  
West Virginia Department of Environmental Protection

## Private Sector

Surface and Underground Mining  
Oil and Gas Exploration  
Development and Delivery  
Product Pipelines  
Industrial Development  
Utilities (including Power Plants and Power Lines)  
Wind Farms  
Preservation Projects





## Notable Contracts & IDIQs

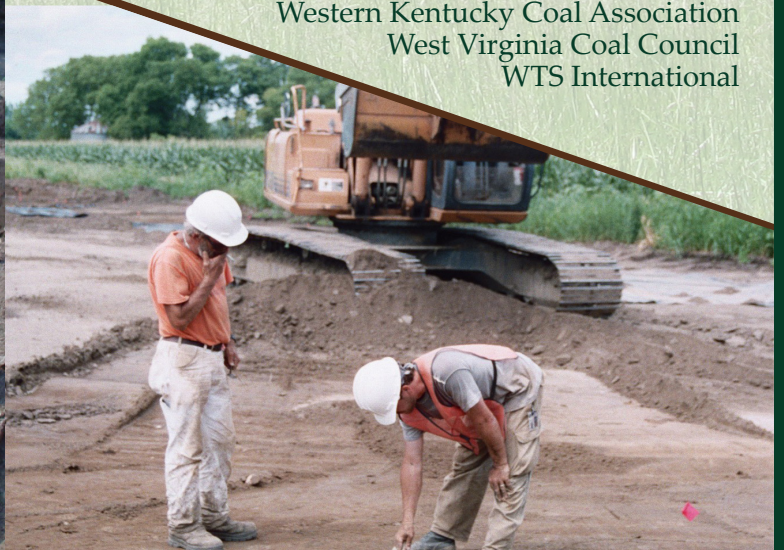
Kisatchie National Forest - Cultural Resources IDIQ  
Installation Management Command (IMCOM) - Cultural Resources\*  
NAVFAC-ATLANTIC - Worldwide Cultural Resources IDIQ  
Portsmouth Uranium Enrichment Plant  
Oak Ridge National Laboratory K-25  
FEMA Katrina New Orleans - Cultural Resource Services\*  
Kentucky Department of Emergency Management - Environmental\*  
Virginia Department of Emergency Management - Environmental\*  
Veterans Administration - Eastern Region Historic Preservation\*  
Veterans Administration - Central Region Historic Preservation\*  
Indiana Department of Transportation Statewide Archaeological Resources IDIQ  
Kentucky Transportation Cabinet Statewide Cultural Resources  
Kentucky Transportation Cabinet Statewide Environmental\*  
Kentucky Transportation Cabinet Statewide Planning\*  
Kentucky Transportation Cabinet Highway Design\*  
Missouri Department of Transportation Avenue of the Saints Data Recovery  
North Carolina Department of Transportation Statewide Architectural Historical\*  
Tennessee Department of Transportation Statewide Archaeological  
Tennessee Department of Transportation Statewide NEPA\*  
Virginia Department of Transportation Statewide Cultural Resources  
Virginia Department of Transportation Statewide Environmental\*

*\*IDIQ Subconsultant*



## Professional Associations

American Council of Engineering Companies (ACEC)  
American Cultural Resources Association (ACRA)  
American Wind Energy Association  
Bakken Energy Expo/Conference  
Chamber of Commerce of Southwest Indiana  
Illinois Mining Institute  
Indiana Coal Council  
Kentuckians for Better Transportation (KBT)  
Society of American Military Engineers (SAME)  
Southern Gas Association (SGA)  
Western Kentucky Coal Association  
West Virginia Coal Council  
WTS International





# Geographical Range

CRA is a nationwide firm comprised of a diverse staff with supervisory experience spanning the globe. CRA maintains permanent office locations across the country to serve local, regional, and national clients.



## Office Locations

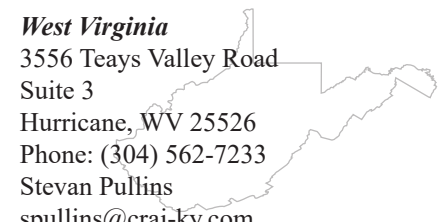
### **Kentucky**

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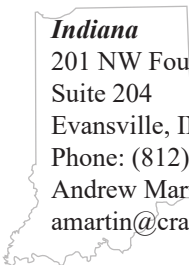
### **Wyoming**

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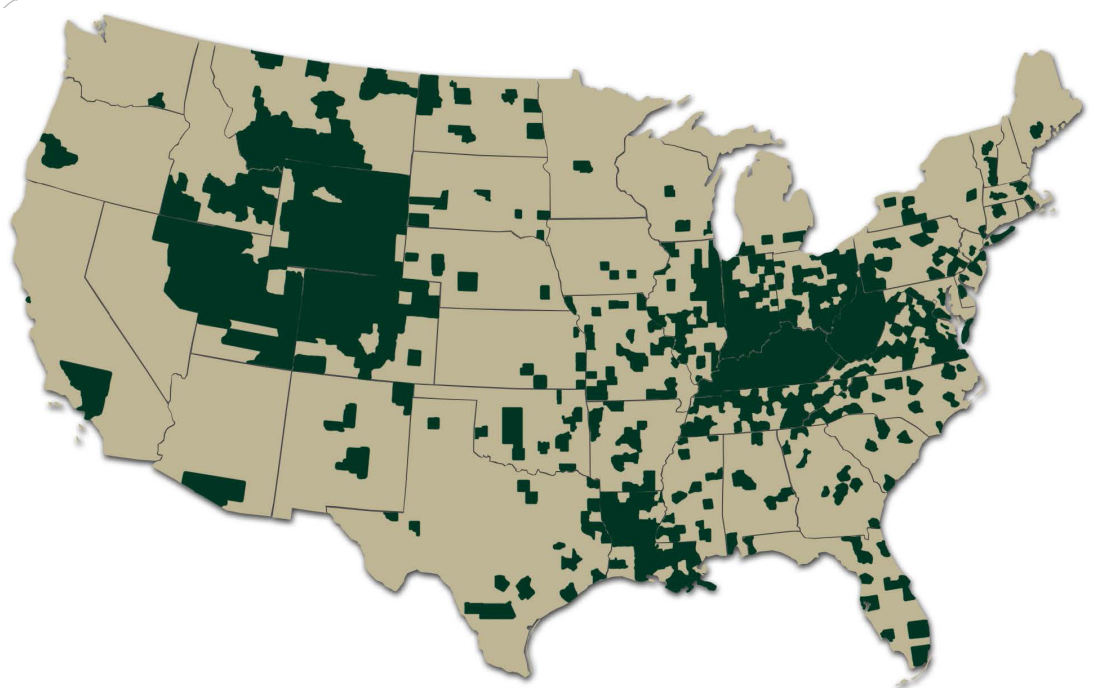
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