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Robert Ball, MHP		Principal Investigator, History and Architectural History	
<p>NPS Professional Qualifications:</p> <ul style="list-style-type: none"> • Architectural Historian • Historian • Archaeologist <p>Email: rball@crai-ky.com</p> <p>RPA Registration: 15926</p>	<p>Responsibilities:</p> <ul style="list-style-type: none"> • Project Management • Archival Research and Field Documentation • Report Preparation 	<p>Education and Training:</p> <ul style="list-style-type: none"> • MHP Historic Preservation, University of Kentucky, Lexington • BA Anthropology, University of Kentucky, Lexington 	

Experience Summary Information		
<p>Principal Investigator, Architectural Historian</p> <p>Cultural Resource Analysts, Inc. 2017 - Present</p>	<p>Cultural Resources Coordinator, Principal Investigator</p> <p>CDM Smith 2012 – 2017</p>	<p>Cultural Resources Coordinator, Principal Investigator/Field Director/Crew</p> <p>Wilbur Smith Associates 1995 – 2011</p>

Mr. Ball's responsibilities at CRA include serving as principal investigator, researching and documenting historic properties by conducting archival research and field surveys, evaluating the significance of historic properties, and preparing written reports that provide summary findings and recommendations for various types of cultural historic projects. In Mr. Ball's 28-year career he has served as Project Manager on numerous cultural resource projects with oversight responsibilities of field crews, fieldwork, archival research, artifact analysis, state site forms, technical report writing and coordination with clients and review agencies. In addition to individual projects, he was Project Manager of Statewide Cultural Resources contracts for Kentucky, Mississippi, and West Virginia.

REPRESENTATIVE TRAINING

- Section 106 Advanced Seminar – Advisory Council on Historic Preservation
- State DOT's Section 106 Classes – KY, IN, & OH
- Project Management Bootcamp – Kentucky Transportation Cabinet
- Thinking Beyond the Pavement
- CPR/First Aid/Blood Borne Pathogen Training

TRANSPORTATION PROJECT MANAGEMENT EXPERIENCE

Project Manager, (2013–Present) Statewide Cultural Resources Contract, Mississippi Department of Transportation. Several Phase I archaeological and cultural historic surveys

were accomplished under this contract. Mr. Ball served as Principal Investigator for all historic structure surveys under this contract.

Project Manager, (2009–2017) Statewide Cultural Resources Contract, Kentucky Transportation Cabinet. Tasks completed under this contract include: Phase I archaeological surveys, Phase II archaeological testing, Phase III mitigation, cultural historic surveys, State Level I documentations of historic resources, and coordination with SHPO. Mr. Ball served as Principal Investigator for all historic structure surveys under this contract.

Project Manager, (2014-2017) Statewide Cultural Resources Contract, West Virginia Department of Highways. Several Phase I archaeological and cultural historic surveys were accomplished under this contract. Mr. Ball served as Principal Investigator for all historic structure surveys under this contract.

Kentucky Projects

Principal Investigator, Big Sandy – Ferguson Stream Restoration Project, Lawrence County, Kentucky. The project involved a cultural historic survey for a proposed stream restoration project. Mr. Ball served as the principal investigator for the cultural historic survey.

Principal Investigator, KY 151 Overview, Anderson and Franklin Counties, Kentucky. The project involved a cultural historic overview for a proposed road realignment north of Lawrenceburg, Kentucky. Mr. Ball served as the principal investigator for the cultural historic overview.

Principal Investigator, Cedar Brook Section 3, Jefferson County, Kentucky. The project involved a cultural historic survey for a proposed neighborhood expansion southeast of Louisville, Kentucky. Mr. Ball served as the principal investigator for the cultural historic survey.

Principal Investigator and Project Manager, Valley View Ferry Landing, Madison County, Kentucky. Mr. Ball served as principal investigator for a Historic Structures Survey that documented and assessed 39 properties for a proposed ferry landing near Valley View, Kentucky.

Principal Investigator, KY 213, Powell County, Kentucky. The project involved a cultural historic survey for a proposed road improvement in Stanton, Kentucky. Mr. Ball served as the principal investigator for the cultural historic survey.

Principal Investigator, I-75 Connector: Jessamine, Madison & Fayette Counties, Kentucky: Mr. Ball served as coordinator for all cultural resources investigations. Principal Investigator for a Historic Structures Survey and Assessment for a proposed new road connecting the city of Nicholasville to Interstate 75. The survey identified a total of 430 sites to be evaluated for eligibility to the National Register of Historic Places. Buildings ranged from mid-19th century to mid-20th century agricultural, residential, commercial and religious properties. Based upon the nature of each property, 28 new properties were recommended as individually eligible for listing on the National Register of Historic Places. In addition, three Historic Districts were recommended along with two Multiple Property Groups. An archaeological overview has been conducted and a Phase I archaeological survey will occur once a preferred alternate is chosen.

Principal Investigator, Milton-Madison Bridge, Trimble County, Kentucky and Jefferson County, Indiana. Mr. Ball served as coordinator for all cultural resources investigations. In addition, Mr. Ball served as principal investigator for a Historic Structures Survey and

Assessment for a proposed bridge replacement over the Ohio River in Milton, Kentucky and Madison, Indiana. The survey involved the documentation and re-evaluation of resources within three National Register Districts and one National Register Historic Landmark. Survey included extending the *Period of Significance* for one of the historic districts to include twentieth century properties that had previously been omitted. A total of 291 properties were surveyed and evaluated. A Phase I archaeological survey occurred within Kentucky and Indiana along the river banks where project activities would occur.

Principal Investigator, Louisville-Southern Indiana Ohio River Bridges, Jefferson County, Kentucky and Floyd and Clark Counties, Indiana. Mr. Ball assisted in the Section 106 process by performing QA/QC on eligibility determinations for the cultural historic survey update. He served as principal investigator for the effects determination portion of the survey update and assisted in writing the 800.11(e) document.

Principal Investigator, Viewshed Analysis for National Register Historic District of Lynch, Kentucky. Mr. Ball served as principal investigator for a viewshed analysis on a proposed mining operation on a National Register Historic District I Harlan County, Kentucky.

Principal Investigator and Project Manager, Mt. Washington Road, Jefferson County, Kentucky. Mr. Ball served as principal investigator for a Historic Structures Survey that documented and assessed 27 properties for a proposed widening of Mt. Washington Road near Louisville, Kentucky. Mr. Ball also served as project manager for the project.

Principal Investigator and Project Manager, US 25, Knox and Laurel Counties, Kentucky. Mr. Ball served as principal investigator for a Historic Structures Survey that documented and assessed 22 properties for a proposed widening of US 25 near Corbin, Kentucky. Mr. Ball also served as project manager for the project.

Principal Investigator and Project Manager, KY 69, Hancock County, Kentucky. Mr. Ball served as principal investigator and project manager for a Historic Structures Survey that documented and assessed five properties for a proposed relocation of a portion of KY 69 in Hawesville, Kentucky. Two resources were recommended as contributing resources to an adjacent Historic District.

Principal Investigator and Project Manager, KY 413, Harlan County, Kentucky. Mr. Ball served as principal investigator and project manager for a Historic Structures Survey that documented and assessed 24 properties for a proposed bridge replacement in Loyall, Kentucky. One resource was recommended as eligible for listing on the National Register of Historic Places.

Principal Investigator and Project Manager, KY 3387, Johnson County, Kentucky. Mr. Ball served as principal investigator and project manager for a Historic Structures Survey that documented and assessed four properties for a proposed bridge replacement in Johnson County, Kentucky. One resource was recommended as eligible for listing on the National Register of Historic Places.

Principal Investigator and Project Manager, Elrod Road, Warren County, Kentucky. Mr. Ball served as principal investigator and project manager for a Historic Structures Survey that documented and assessed 29 properties for a proposed interchange in Warren County, Kentucky. Two resources were recommended as eligible for listing on the National Register of Historic Places.

Principal Investigator, KY 2541 Bridge, Greenup County, Kentucky. Mr. Ball served as principal investigator for a State Level I Documentation of an 1884 bridge in Greenup County, Kentucky.

Principal Investigator and Project Manager, Licking River, Nicholas County, Kentucky. Mr. Ball served as principal investigator and project manager for a Historic Structures Survey that documented and assessed 2 properties for a proposed stream realignment in Nicholas County, Kentucky.

Co-Principal Investigator, I-66 Pulaski, Laurel, and Rockcastle Counties, Kentucky. Mr. Ball served as co-principal investigator for a Historic Structures Survey for a proposed 30-mile long interstate route between London and Somerset, Kentucky. The architectural/ historic resource survey involved the development of a historic context; field documentation of historic sites which includes mapping, photography, and completion of SHPO survey forms; and the integration and analysis of all data resulting in determinations of eligibility for the National Register and determinations of effect for all resources fifty years of age or older. Over 420 structures were surveyed and evaluated for this historic structures study.

Project Manager and Principal Investigator, Tuberculosis Hospital Survey, Bourbon County, Kentucky. The project involved a cultural historic survey of the former tuberculosis hospital in Paris, Kentucky. Mr. Ball served as the project manager and the principal investigator for the cultural historic survey.

Project Manager and Principal Investigator, Salt Lick Elementary School, Bath County, Kentucky. The project involved a cultural historic survey of a WPA built elementary school in Salt Lick, Kentucky. Mr. Ball served as the project manager and the principal investigator for the cultural historic survey.

Project Manager and Principal Investigator, Farm Complex, Webster County, Kentucky. The project involved a cultural historic survey of a Farm Complex in Webster County, Kentucky. Mr. Ball served as the project manager and the principal investigator for the cultural historic survey.

Project Manager and Principal Investigator, Office Laydown Yard, Martin County, Kentucky. The project involved a cultural historic survey of a proposed laydown yard in Webster County, Kentucky. Mr. Ball served as the project manager and the principal investigator for the cultural historic survey.

Project Manager and Principal Investigator, Office Laydown Yard, Pike County, Kentucky. The project involved a cultural historic survey of a proposed laydown yard in Pike County, Kentucky. Mr. Ball served as the project manager and the principal investigator for the cultural historic survey.

Principal Investigator and Task Manager, Paducah Area Transit System, Paducah, Kentucky. Mr. Ball served as principal investigator for the cultural historic survey for a proposed parking facility in the city of Paducah, Kentucky. He also served as task manager for cultural resources.

Principal Investigator and Task Manager, Green River Intra-County Transit System, Owensboro, Kentucky. Mr. Ball served as principal investigator for a proposed dispatch center in the city of Owensboro, Kentucky. He also served as task manager for cultural resources.

Principal Investigator and Task Manager, Fulton County Transit Authority, Fulton, Kentucky. MR. Ball served as principal investigator for a proposed administrative and maintenance building in the City of Fulton, Kentucky. He also served as task manager for cultural resources.

Principal Investigator and Task Manager, Murray Calloway Transit Authority, Calloway, Kentucky. Mr. Ball served as principal investigator for a proposed dispatch center and parking lot in the City of Murray, Kentucky. He also served as task manager for cultural resources.

Principal Investigator, State Level Documentation Blue Grass Airport Expansion, Lexington, Kentucky. Mr. Ball served as principal investigator for a State Level I Documentation of a circa 1870 house and corn crib in Fayette County, Kentucky.

Principal Investigator and Project Manager, Blue Grass Airport Expansion, Lexington, Kentucky. The project involved a Phase I archaeological and cultural historic survey for the proposed construction of Runway 9-27, a relocated general aviation facility and taxiway and a general aviation road at the Blue Grass Airport. The cultural historic survey resulted in the documentation of 10 historic properties, one of which is potentially eligible for listing to the NRHP. The Phase I archaeological survey portion of the project resulted in the relocation and reassessment of four prehistoric sites. Mr. Ball served as project manager for the project as well as the principal investigator for the cultural historic survey.

Project Manager, Fancy Farm and Farmington Broadband Internet Development, Kentucky. The project involved an archival records check of existing archaeological sites and known cemeteries in a multi county area. Recommendations were given on the effects of the proposed internet cable project. Mr. Ball served as project manager.

Project Manager and Principal Investigator, LG&E Expansion, Trimble County, Kentucky. The project involved a cultural historic survey for a proposed facility expansion in northwestern Kentucky. The architectural/ historic resource survey involved the development of a historic context; field documentation of historic sites which includes mapping, photography, and completion of SHPO survey forms; and the integration and analysis of all data resulting in determinations of eligibility for the National Register and determinations of effect for all resources 50 years of age or older. Mr. Ball served as project manager for the project as well as the principal investigator for the cultural historic survey.

Project Manager and Principal Investigator, Marathon Pipeline, Lexington, Kentucky. The project involved a cultural historic survey for the proposed pipeline replacement within the Boone Creek Rural Historic District in Fayette and Clark Counties, Kentucky. Field investigations determined that while the replacement pipeline would fall within the Boone Creek Rural Historic District boundaries, it would not directly impact any contributing resources of the district. In addition, the pipeline route would only be visible from one of its contributing resources. The total number of properties surveyed including the Boone Creek Rural Historic District as a whole was two (n=2). Mr. Ball served as project manager for the project as well as the principal investigator for the cultural historic survey.

Project Manager and Principal Investigator, KY 36: Carroll County, Kentucky. Principal Investigator for a State Level I Documentation of an 1885 barn in Carroll County, Kentucky.

Project Manager and Principal Investigator, State Level I Documentation, Letcher County, Kentucky. The project involved the documentation of three late 19th century to early 20th century structures in Letcher County, Kentucky. The documentation included measured floor plans,

digital and black and white photography and archival research. Mr. Ball served as project manager for the project as well as the principal investigator for the documentation.

Project Manager and Principal Investigator, State Level I Documentation, Bell County, Kentucky. The project involved the documentation of early 20th century WPA school in Bell County, Kentucky. The documentation included measured floor plans, digital and black and white photography and archival research. Mr. Ball served as project manager for the project as well as the principal investigator for the documentation.

Project Manager and Principal Investigator, Scattered Site Housing Project, Pulaski County, Kentucky. The project involved the documentation and assessment of a rural structure (general store/residence) in southern Kentucky. Mr. Ball served as project manager for the project as well as the principal investigator for the assessment.

Project Manager and Principal Investigator, Holmes Street Area Re-development, Frankfort, Kentucky. The project involved the documentation and assessment of 400 properties for a proposed re-development in Frankfort. A total of 50 properties were recommended as eligible for listing on the NRHP. Mr. Ball served as project manager for the project as well as the principal investigator for the cultural historic survey.

Project Manager and Principal Investigator, Twenty-Five Resources in Lawrence County, Kentucky. Principal Investigator for a cultural historic survey in Lawrence County, Kentucky that was part of a Mitigation for LA 68.

Project Manager and Principal Investigator, Spout Spring Project in Estill County, Kentucky. Principal Investigator for a cultural historic survey in Estill County, Kentucky that was part of a stream remediation project.

West Virginia Projects

Principal Investigator, US 522 Re-evaluation and Fairview Connector, Morgan County, West Virginia. The project involved a cultural historic survey for proposed new road alignments near Berkeley Springs, West Virginia. The cultural historic survey resulted in the documentation of 119 historic properties, one of which is potentially eligible for listing to the NRHP. Mr. Ball served as principal investigator for the cultural historic survey.

Principal Investigator, Dry Creek Bridge Replacement, Greenbrier County, West Virginia. The project involved a cultural historic survey for a proposed bridge replacement within White Sulphur Springs, West Virginia. The cultural historic survey resulted in the documentation of 63 historic properties, five of which are potentially eligible for listing to the NRHP. Mr. Ball served as principal investigator for the cultural historic survey.

Principal Investigator, McClausland Memorial Farm, Mason County, West Virginia. The project involved the development of the Section 106 packet and updating the WVHPI form for an early twentieth century barn that was a contributing resource to a historic district. Mr. Ball served as the principal investigator for the cultural historic work.

Principal Investigator, Duo Surface Mine, Greenbrier County, West Virginia. The project involved a cultural historic survey for a proposed surface mine near Duo, West Virginia. Mr. Ball served as the principal investigator for the cultural historic survey.

Principal Investigator, Hickory Patch Surface Mine, Greenbrier County, West Virginia. The project involved a cultural historic survey for a proposed surface mine near Rupert, West Virginia. Mr. Ball served as the principal investigator for the cultural historic survey.

Principal Investigator and Project Manager, US 220 Widening, Hardy County, West Virginia. The project involved a Phase I archaeological and cultural historic survey for a proposed road widening near Moorefield, West Virginia. The cultural historic survey resulted in the documentation of 10 historic properties, three of which are potentially eligible for listing to the NRHP. The Phase I archaeological survey portion of the project resulted in the discovery and documentation of three historic sites, two of which date from the late eighteenth century to the early nineteenth century. Mr. Ball served as project manager for the project as well as principal investigator for the cultural historic survey.

Principal Investigator and Project Manager, Hott Curve Realignment, Pendleton County, West Virginia. The project involved a Phase I archaeological and cultural historic survey for a proposed curve realignment near Fort Seybert, West Virginia. The archaeological survey consisted of approximately two acres of proposed right of way. One new site, 46PD340, was discovered and recommended as not eligible for listing on the National Register. The architectural/historic resource survey involved the development of a historic context; field documentation of historic sites which includes mapping, photography, and completion of SHPO survey forms; and the integration and analysis of all data resulting in determinations of eligibility for the National Register and determinations of effect for all resources 50 years of age or older. Mr. Ball served as project manager for the project as well as the principal investigator for the cultural historic survey and participated in the field work on the archaeological survey.

Principal Investigator, Cultural Historic Survey, Proposed Improvements to I-64/US 35 Interchange from Crooked Creek to 40th Street within the Town of Nitro in Putnam County, West Virginia. Mr. Ball served as coordinator for all cultural resources investigations. In addition, Mr. Ball was responsible for planning and directing the cultural historic survey for this project. Field investigations initially documented 179 resources. Discussion with SHPO developed a process to combine resources into areas which resulted in thirty-seven (37) new properties and seven (7) previously recorded structures recorded for the project's APE. Seven resources were recommended as eligible for listing in the NRHP and the establishment of a new historic district, Nitro, was also recommended.

Principal Investigator, Cultural Historic Survey, WV-2 Alternate 1 and Alternate 2, From Proctor to Kent, In Marshall and Wetzel Counties, West Virginia. Mr. Ball served as coordinator for all cultural resources investigations. In addition, Mr. Ball was responsible for planning and directing the cultural historic survey for this project. Field investigations documented sixty-eight (68) new properties. Eleven (11) previously recorded structures were recorded for the project's APE. Seven resources were recommended as eligible for listing in the NRHP.

Field Director and Project Manager, Phase I Survey, Beckley, West Virginia. The project included a Phase I archaeological survey of a section of the proposed East Beckley Bypass. The survey involved examination of a section of the bypass for archaeological resources, project coordination (land owner permission and coordination with the WVDOH), analyzing artifacts recovered, and preparing a technical report. In addition to being the project manager, Mr. Ball also served as the field director for the archaeological survey. Assisted in writing technical report.

Field Investigator, Phase II, Mansour, West Virginia. The project included Phase II fieldwork investigations that involved controlled surface collection of artifacts, and hand excavation of test units and shovel tests. These efforts resulted in the recovery of diagnostic artifacts ranging in age from about 7,000 years old to about 1,000 years old. Hand excavation in parts of the site

produced evidence of sub-plowzone cultural deposits of about 40 cm thickness. Site 46Cb42 retained sufficient integrity to be considered potentially eligible for nomination to the National Register of Historic Places. Mr. Ball participated in the field work.

Field Investigator, Phase I Survey, Beckley, West Virginia. Phase IB archaeological survey of the East Beckley Bypass, Section 2. The survey involved examination of a 1.69 km section of the bypass for archaeological resources, project coordination (land owner permission and coordination with the West Virginia Department of Highways), analyzing artifacts recovered, and preparing a technical report. This study documented two archaeological sites and made evaluations as to their potential eligibility to the National Register and made management recommendations regarding further work. Mr. Ball assisted in the field work and the analyzing of artifacts.

Indiana Projects

Principal Investigator, Speedway Solar Project, Shelby County, Indiana: Mr. Ball served as principal investigator for a Historic Structures Survey that documented and assessed over 20 properties for a proposed solar farm in Shelby County, Indiana.

Principal Investigator, Phase I - IndyGO Red Line BRT: Indianapolis, Indiana: Principal Investigator for a Historic Structures Survey and Assessment for a proposed BRT system through downtown Indianapolis. The length of the project was 13.1 miles and consisted of the construction of 28 median stations, designated bus lanes, pavement milling and resurfacing and streetscape improvements. The survey identified 10 NRHP districts and 36 individual properties previously listed or recommended as eligible for the NRHP. Authored eligibility and effects technical report.

Principal Investigator, State Route 135, Jackson County, Indiana. Mr. Ball served as principal investigator for a National Register Assessment for proposed road realignment near Vallonia, Indiana. He served as coordinator for all cultural resources investigations.

Principal Investigator, Liberty Green Renewables Plant, Scottsburg, Indiana. Mr. Ball served as principal investigator for a National Register Assessment for a proposed plant in southwestern Indiana.

Tennessee Projects

Principal Investigator, Fairview Solar Farm, Jefferson County, Tennessee. The project involved a cultural historic survey for a proposed solar farm near New Market, Tennessee. Mr. Ball served as the principal investigator for the cultural historic survey.

Principal Investigator, Duplex Road, Williamson and Maury Counties, Tennessee. The project involved a cultural historic survey for a proposed road widening in Spring Hill, Tennessee. Mr. Ball served as the principal investigator for the cultural historic survey.

Principal Investigator, Watt Road/Old Stage Road, Knox County, Tennessee. The project involved a cultural historic survey for a proposed new corridor and road widening in Farragut, Tennessee. Mr. Ball served as the principal investigator for the cultural historic survey.

Principal Investigator, Field Director, Middle Creek Extension Road, Sevier County, Tennessee. The project involved a Phase I archaeological and cultural historic survey for a new road alignment from Dolly Parton Parkway to Tennessee State Route 66 encompassing a total of 46.3 acres. As a result of the survey, one small, possibly a Woodland period site (40Sv186), was discovered and is considered potentially eligible to the National Register of Historic Places

under criterion D, and further work was recommended. The cultural historic survey documented 20+ structures ranging from early African-American schools to agricultural complexes to cemeteries. Mr. Ball served as the Principal investigator for the cultural historic survey as well as served as field director on a portion of the archaeological survey. Assisted in writing technical report.

Principal Investigator, Parker's Crossroads National Battlefield Survey, Henderson County, Tennessee. The project involved a cultural historic survey of a Civil War battlefield site near the community of Parker's Crossroads, Tennessee. Mr. Ball served as the principal investigator for the cultural historic survey.

Principal investigator and Field Director, Campbell Station Road, Knox County, Tennessee. The project involved a Phase I archaeological and cultural historic survey for a proposed corridor widening in Knox County, Tennessee. No archaeological sites were discovered during the survey. None of the documented resources were recommended as eligible for listing in the NRHP. Mr. Ball served as the field director for both the archaeological and cultural historic surveys. Assisted in writing technical report.

Mississippi Projects

Principal Investigator, Frazier Solar Farm, Oktibbeha and Lowndes Counties, Mississippi. The project involved a cultural historic survey for a proposed solar Farm near Artesia, Mississippi. Mr. Ball served as the principal investigator for the cultural historic survey.

Project Manager and Principal Investigator, Fayetteville Express Pipeline, Clarksdale, Mississippi. Mr. Ball served as principal investigator for a National Register Assessment for a proposed 20-mile pipeline route in north-central Mississippi. He also served as project manager.

Project Manager and Principal Investigator, Mississippi Pipeline, Greenville, Mississippi. The project involved a cultural historic survey for a proposed 90 mile pipeline route in central Mississippi. The survey identified a total of seven sites to be evaluated for eligibility to the National Register of Historic Places. Buildings were all early to mid-20th century residential and religious properties. The remaining two sites were 19th and 20th century cemeteries. He served as project manager for the project as well as the principal investigator for the cultural historic survey.

Principal Investigator, Cultural Historic Survey, Proposed Improvements to the SR 30 and CR 215/CR 217 (Campground Road) Intersection in Lafayette County, Mississippi. Mr. Ball served as coordinator for all cultural resources investigations. In addition, Mr. Ball was responsible for planning and directing the cultural historic survey for this project. The survey identified a total of ten residential sites to be evaluated for eligibility to the National Register of Historic Places.

Principal Investigator, Cultural Historic Survey, Proposed Bridge Construction on State Highway 501 crossing at Leaf River, Scott County, Mississippi. Mr. Ball served as coordinator for all cultural resources investigations. In addition, Mr. Ball was responsible for planning and directing the cultural historic survey for this project.

Principal Investigator, Cultural Historic Survey, Proposed Reconstruction of State Highway 429 crossing of Yockanookany River at Thomastown, Leake County, Mississippi. Mr. Ball served as coordinator for all cultural resources investigations. In addition, Mr. Ball was responsible for planning and directing the cultural historic survey for this project.

Principal Investigator, Cultural Historic Survey, Proposed Improvements to Nail Road at the Intersection of Nail Road and I-55, DeSoto County, Mississippi. Mr. Ball served as coordinator for all cultural resources investigations. In addition, Mr. Ball was responsible for planning and directing the cultural historic survey for this project.

Field Director, SR 4, Marshall County, Mississippi. The project involved a Phase I archaeological and cultural historic survey for a proposed realignment and bridge replacement along State Route 4 in Marshall County, Mississippi. Three historic sites were identified during the survey. After analysis of the artifacts and archival research, none of the sites were recommended as eligible for listing in the NRHP. Mr. Ball served as the field director for both the archaeological and cultural historic surveys. Co-authored technical report.

Principal Investigator and Field Director, Port Bienville Railroad, Pearl River and Hancock Counties, Mississippi. Project involved a 24 mile Phase I Archaeological and Architectural survey conducted for the Mississippi Department of Transportation, the Federal Railroad Administration, and the Hancock County Port and Harbor Commission for a proposed new freight rail line that would provide a direct connection between the Port Bienville Railroad and the Norfolk Southern rail line near Interstate 59, north of the National Aeronautics and Space Administration's John C. Stennis Space Center. Mr. Ball served as the field director for a portion of the archaeological survey and Principal Investigator for the cultural historic survey.

Field Director, SR 30 and CR 215/CR 217 (Campground Road) Intersection, Lafayette County, Mississippi. The project involved a Phase I archaeological and cultural historic survey for proposed improvements to the SR30-CR215/CR217 (Campground Road) intersection in Lafayette County, Mississippi. The Phase I survey resulted in a No-Find. Mr. Ball served as the field director for both the archaeological and cultural historic surveys. Co-authored technical report.

Field Director, SR 488, Leake County, Mississippi. The project involved a Phase I archaeological and cultural historic survey for three bridge replacements along SR 488 in Leake County, Mississippi. The Phase I survey resulted in the identification of two linear archaeological resources; neither of which were recommended for further work. Mr. Ball served as the field director for both the archaeological and cultural historic surveys. Co-authored technical report.

Field Director, SR 32, Tallahatchie County, Mississippi. The project involved a Phase I archaeological and cultural historic survey for five bridge replacements along SR 32 in Tallahatchie County, Mississippi. The Phase I survey resulted in the identification of five multi-component sites and two historic sites. None of the sites were considered eligible for listing in the NRHP under Criterion D. Archival research did not yield information associating the sites with a significant person or event in history. Mr. Ball served as the field director for both the archaeological and cultural historic surveys. Co-authored technical report.

Project Manager and Principal Investigator, Delta Mississippi Broadband Internet Project, Mississippi. The project involved an archival records check of existing archaeological sites and historic structures in a multi county area. Recommendations were given on the effects of the proposed internet cable project on existing sites and potential unknown resources. Mr. Ball served as project manager and principal investigator.

Project Manager and Principal Investigator, South-central Mississippi Broadband Internet Project, Mississippi. The project involved an archival records check of existing archaeological sites and historic structures in a multi-county area. Recommendations were given on the effects

of the proposed internet cable project on existing sites and potential unknown resources. Mr. Ball served as project manager and principal investigator.

Illinois Projects

Principal Investigator, Dempster Bus Rapid Transit (BRT), Cook County, Illinois. The project involved a cultural historic overview for a proposed BRT route along Dempster Street in in Des Plaines, Illinois. Mr. Ball served as the principal investigator for the cultural historic overview.

Principal Investigator, Interstate 55 Managed Lane Project, DuPage and Cook Counties, Illinois. The proposed project would widen I-55 (Stevenson Expressway) to the center through DuPage and Cook Counties. The project location extends from I-355 (Veterans Memorial Tollway) in the southwestern Chicago Metropolitan region (south terminus) to I-90/94 (Dan Ryan Expressway) its northern terminus serving the Chicago's Central Business District (CBD), a distance of approximately 25 miles. More than 200 structures were surveyed, with 14 evaluated for their eligibility to the National Register. The survey included mapping, photography, and completion of SHPO survey forms.

Principal Investigator, Western-Ashland Bus Rapid Transit (BRT): Chicago, Illinois: Principal Investigator for a Historic Structures Survey and Assessment for a proposed BRT system along Ashland Avenue in Chicago, Illinois. The length of the project was 16.1 miles and consisted of the construction of 35 median stations, designated bus lanes, pavement milling and resurfacing and streetscape improvements. The survey identified five NRHP districts and 25 individual properties previously listed or recommended as eligible for the NRHP. Led Section 106 consultation with consulting parties on eligibility, effects and mitigation. Authored technical report.

Principal Investigator, Red-Purple Modernization: Chicago, Illinois: Principal Investigator for a Historic Structures Survey and Assessment for a proposed improvement along the Red – Purple Line in Chicago, Illinois. The length of the project was approximately 9.1 miles. A total of 568 resources were evaluated during the survey. Eight resources were recommended as eligible for the NRHP. Participated in the Section 106 consultation with consulting parties on eligibility, effects and mitigation. Authored technical report.

Principal Investigator, Red Line Extension: Chicago, Illinois: Principal Investigator for a Historic Structures Survey and Assessment for a proposed southern extension along the Red Line in Chicago, Illinois. The length of the project was approximately 5 miles from the 95th Street Terminal to the vicinity of 130th Street. A total of 541 resources were evaluated during the survey. Fifteen resources were recommended as eligible for the NRHP as well as one new recommended historic district. Participated in the Section 106 consultation with consulting parties on eligibility, effects and mitigation. Authored technical report.

Project Manager and Principal Investigator, Illinois Pipeline, Decatur, Illinois. The project involved a cultural historic survey for a proposed 165-mile pipeline route in central Illinois. The survey identified a total of 111 sites to be evaluated for eligibility to the National Register of Historic Places. Buildings ranged from late 19th century to mid-20th century agricultural, residential and religious properties. Based upon the nature of each property, eight properties were recommended as eligible for listing on the National Register of Historic Places. These properties included two churches, three residences, two farm complexes and one section of

original Route 66. Mr. Ball served as project manager for the project as well as the principal investigator for the cultural historic survey.

Project Manager and Principal Investigator, Illinois Pipeline, Princeton, Illinois. The project involved a cultural historic survey for a proposed 9-mile pipeline route in north-central Illinois. The survey identified a total of 16 sites to be evaluated for eligibility to the National Register of Historic Places. Resources all dated from the late 19th century to mid-20th century and included residential, agricultural complexes, cemeteries and a bridge. Mr. Ball served as project manager for the project as well as the principal investigator for the cultural historic survey.

Ohio Projects

Principal Investigator, Roberts OSU Transmission Line, Columbus, Ohio. Mr. Ball served as principal investigator for a National Register Assessment for a proposed transmission line running through a National Register Historic District in Columbus, Ohio.

Project Manager and Principal Investigator, Baseload Generating Facility Survey, Letart Township, Meigs County, Ohio. The project involved a cultural historic survey for a proposed power plant and associated landfill in southeastern Ohio. The architectural/historic resource survey involved the development of a historic context; field documentation of historic sites which includes mapping, photography, and completion of SHPO survey forms; and the integration and analysis of all data resulting in determinations of eligibility for the National Register and determinations of effect for all resources 50 years of age or older. Mr. Ball served as project manager for the project as well as the principal investigator for the cultural historic survey.

Project Manager and Principal Investigator, FirstEnergy Conveyor Belt Survey, Ohio. The project involved a cultural historic survey for a proposed conveyor belt route in eastern Ohio. The architectural/historic resource survey involved the development of a historic context; field documentation of historic sites which includes mapping, photography, and completion of SHPO survey forms; and the integration and analysis of all data resulting in determinations of eligibility for the National Register and determinations of effect for all resources 50 years of age or older. Mr. Ball served as project manager for the project as well as the principal investigator for the cultural historic survey.

Principal Investigator, Pedestrian Bridge at Voinovich Park, Cleveland, Ohio. Mr. Ball served as principal investigator for the preliminary literature review and photo log for the proposed pedestrian bridge at Voinovich Park in Cleveland, Ohio.

Principal Investigator, Vassell Substation, Delaware County, Ohio. Mr. Ball served as principal investigator for a cultural historic survey for a proposed transmission line and substation in Delaware County, Ohio.

Principal Investigator, Transmission Line, Clark and Madison Counties, Ohio. Mr. Ball served as principal investigator for a cultural historic survey for a proposed transmission line and substation in Delaware County, Ohio.

Georgia Projects

Principal Investigator and Field Director, Chatham Area Transit Center, Savannah, Georgia. The project involved a Phase I archaeological and cultural historic survey on two perspective sites for the new Savannah Chatham Area Transit Transfer Center in Savannah, Georgia. Based on the proposed site locations proximity to multiple National Register Historic Districts and Landmarks, the two sites and planned facility were evaluated in terms of visual

affects upon the nearby historic properties. Mr. Ball served as the principal investigator for the cultural historic survey and field director for the archaeological survey. Assisted in writing technical report.

New York Projects

Co-Principal Investigator and Field Director, CR 6, Greene County, New York. Mr. Ball served as co-principal investigator for a Phase I archaeological survey for a bridge replacement in Greene County, New York. He also served as field director and co-authored the technical report.

Principal Investigator, Westchester County Hudson River Park, Tarrytown, New York. Mr. Ball served as principal investigator for a Phase Ia Archival Survey of a proposed park in Westchester County, New York. Authored technical report.

Michigan Projects

Principal Investigator, Field Director, Blue Water Bridge Travel Plaza, Port Huron, Michigan. Served as the field director on a Phase I Archaeological Survey that involved shovel test probes and the plowing and disking of 40+ acres for proposed modifications to the Blue Water Bridge Plaza in downtown Port Huron. In addition, Robert served as principal investigator for a Historic Structures Survey. Over 200 structures were surveyed and evaluated for their eligibility to the National Register. The survey included mapping, photography, and completion of SHPO survey forms using an Access database. Assisted in writing technical report.

Principal Investigator, Field Investigator, Baraga Airport Expansion, Baraga, Michigan. The project involved a Phase I archaeological and cultural historic survey of 137.3 acres for the public use airport for Baraga County, Michigan. Ten previously undocumented archaeological sites were discovered (sites 20BG64 to 20BG73). None were determined eligible for listing on the National Register of Historical Places. The cultural historic survey revealed seven structures that were older than 50 years of age which were surveyed for the project. None of the seven were recommended as eligible for listing on the NRHP. Mr. Ball served as the principal investigator for the cultural historic survey as well as participated in the field work for the archaeological survey.

Principal Investigator, Marlette Township Airport Improvements. Michigan Department of Transportation, Sanilac County, Michigan. Mr. Ball served as principal investigator for a cultural historic survey conducted for the Michigan Department of Transportation on the future Runway Nine extension and the proposed Runway One extension at the Marlette Township Airport in Sanilac County, Michigan.

Oklahoma Projects

Principal Investigator, Carlton Landing, Eufaula Lake, Pittsburg County, Oklahoma. Mr. Ball served as principal investigator for a Historic Properties Management Plan for Eufaula Lake, Oklahoma. The plan provided guidelines and procedures to enable the US Army Corps of Engineers to meet its legal responsibilities pertaining to cultural resource management at Eufaula Lake. The plan contained federal laws and regulations, prehistoric and historic contexts, inventory of previously documented resources on federally owned land, goals and objectives and estimations of funding. Authored technical report.

Arkansas Projects

Principal Investigator, Highway 64, White County, Arkansas. Mr. Ball served as principal investigator for a cultural historic survey for a proposed highway widening in White County, Arkansas. A total of 13 new properties were surveyed and evaluated for their eligibility for the National Register of Historic Places.

Principal Investigator, Highway 270, Garland County, Arkansas. Mr. Ball served as principal investigator for a cultural historic survey for a proposed highway widening in Garland County, Arkansas. A total of 29 new properties were surveyed and evaluated for their eligibility for the National Register of Historic Places.

Principal Investigator, Highway 64, Crittenden County, Arkansas. Mr. Ball served as principal investigator for a cultural historic survey for a proposed highway widening in Crittenden County, Arkansas. A total of 32 new properties were surveyed and evaluated for their eligibility for the National Register of Historic Places.

Florida Projects

Field Director, US 441, Lake County, Florida. The project involved a Phase I archaeological survey for a proposed retention pond in Lake County, Florida. The Phase I survey resulted in the identification of no archaeological resources. Mr. Ball served as the field director for the archaeological surveys. Co-authored technical report.

New Jersey Projects

Principal Investigator, Superstorm Sandy Disaster Recovery Program, New Jersey: Working for the New Jersey Department of Environmental Protection on the Hurricane Sandy Community Development Block Grant program; served as Principal Investigator for a Historic Structures Surveys that documented and assessed properties on recommendations on their eligibility for listing in the National Register of Historic Places.

North Dakota Projects

Principal Investigator, City of Minot Disaster Recovery Program, North Dakota: Working with the City of Minot on the Souris River Flood Community Development Block Grant program; served as Principal Investigator for the assessment of eligibility on several affected resources as well as prepared recommendations on whether rehabilitations would affect their eligibility for listing in the National Register of Historic Places.

Iowa Projects

Principal Investigator, Duane Arnold 1 Solar Project, Linn County, Iowa: Mr. Ball served as principal investigator for a Historic Structures Survey that documented and assessed over 50 properties for a proposed solar farm in Linn County, Iowa.

Principal Investigator, Duane Arnold 2 Solar Project, Linn County, Iowa: Mr. Ball served as principal investigator for a Historic Structures Survey that documented and assessed over 100 properties for a proposed solar farm in Linn County, Iowa.

Principal Investigator, Duane Arnold 3 Solar Project, Linn County, Iowa: Mr. Ball served as principal investigator for a Historic Structures Survey that documented and assessed over 150 properties for a proposed solar farm in Linn County, Iowa.

Principal Investigator, Kinsella Solar Project, Linn County, Iowa: Mr. Ball served as principal investigator for a Historic Structures Survey that documented and assessed over 75 properties for a proposed solar farm in Linn County, Iowa.

Principal Investigator, Rock Creek Solar Project, Clinton County, Iowa: Mr. Ball served as principal investigator for a Historic Structures Survey that documented and assessed over 100 properties for a proposed solar farm in Clinton County, Iowa.

Missouri Projects

Principal Investigator, Lutesville Solar Project, Cape Girardeau County, Missouri: Mr. Ball served as principal investigator for a Historic Structures Survey that documented and assessed over 25 properties for a proposed solar farm in Cape Girardeau County, Missouri.