

APPENDIX A:
Project Correspondence



Commonwealth of Pennsylvania
Pennsylvania Historical and Museum Commission
Bureau for Historic Preservation
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, PA 17120-0093
www.phmc.state.pa.us

4 April 2013

Alan Tabachnick
AECOM
516 E State Street
Trenton NJ 08609

Re: ER 2013-1006-091-A
Norristown High Speed Line Extension
Upper Merion Township, Montgomery County

Dear Mr. Tabachnick:

Thank you for submitting information concerning the above referenced project. The Bureau for Historic Preservation (the State Historic Preservation Office) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 *et seq.* (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Thank you for the project initiation package, including the mapping of the initial project area and National Register listed and eligible resources located within the vicinity, as well as the opportunity to participate in the Agency Advisory Committee Meeting on March 27, 2013.

We request review of a copy of the list of organizations and individuals that you plan to invite to participate in the Section 106 consultation process as consulting parties as well as additional information on your plan for tribal consultation. Since the project area contains a National Historic Landmark, you will need to include the appropriate representatives from the National Park Service in the Section 106 consultation process.

As the project alternatives are refined, we anticipate the receipt of more detailed information on the identification of historic properties and measures to avoid or minimize effects. To assist you in your identification of known historic and archaeological resources, the Bureau for Historic Preservation (PHMC-BHP) maintains records of National Register listed and eligible resources as well as archaeological surveys (P.A.S.S. files). Information on many of these resources is available on our web based Cultural Resources Geographic Information System (CRGIS) <http://crgis.state.pa.us>. Additional information is available in the survey reports and files of the PHMC-BHP's research room. Please consult the unpublished reports and files to determine what is known in the project area and whether or not the previous survey information may require an update.



Pennsylvania Historical & Museum Commission

Tom Corbett, Governor · Andrew E. Masich, Chairman · James M. Vaughan, Executive Director

A Tabachnick
ER 2013-1006-091-A
4 April 2013
Page 2 of 2

In addition, a comparison of historic (available at pennpilot.psu.edu) and current aerial mapping would be useful for identifying changes to the landscape over time as well as additional resources within the project vicinity that meet the National Register 50-year-age consideration.

We also welcome the opportunity for a site visit to identify 50-year-old resources not previously assessed for National Register eligibility and further assess the potential effects of the various alignments on National Register listed and eligible resources.

If you need further information regarding archaeological resources, please contact Mark Shaffer at (717) 783-9900. If you need further information concerning historic structures, please contact Barbara Frederick at (717) 772-0921.

Sincerely,



Douglas C. McLearen, Chief
Division of Archaeology & Protection

DCM/bcf





Pennsylvania State Historic Preservation Office

PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION

March 7, 2016

Ms. Terry Garcia Crews
ATT: Tony Cho
FTA, Region III
1760 Market Street, Suite 500
Philadelphia, PA 19103-4124

RE: ER 2013-1006-091-I; FTA: King of Prussia Rail Project; Upper Merion Township, Montgomery County; APE Report

Dear Ms. Garcia Crews,

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act (NHPA) of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Archaeological Resources

The information you provided indicates a Phase IA archaeological survey will be completed for the Likely Preferred Alternative. Please provide a copy of the Phase IA report to our office for review and comment.

Above Ground Resources

Thank you for providing an Area of Potential Effects (APE) Report for the above-referenced project. Based on the information received as well as discussed in our March 3, 2016 conference call, we concur with the proposed APE and survey methodology for above ground resources. Please be sure to consult relevant guidelines and appropriate historic contexts for completion of the full HRSFs. In addition, please include historic and current aerial comparisons as appropriate in addition to the required attachments (USGS, photographs, site plans).

As captured in the March 3, 2016 meeting minutes, the following properties will be surveyed:

- Quarry Property – abbreviated Historic Resource Survey Form (HRSF)
- Philadelphia & Reading Railroad – contingent upon additional research into previous finding regarding the Chester Valley Railroad
- Brandywine Village District –full HRSF
- King of Prussia Arms Apartments – abbreviated HRSF (provided that apartment complex has no association with public housing)
- Allendale Road Farmhouse – abbreviated HRSF
- Wills Building – abbreviated HRSF
- Gatti & Morisson Building - abbreviated HRSF
- Southern W&S of PA - abbreviated HRSF
- ProMetrics - abbreviated HRSF

- Arkema Campus – full HRSF
- Devon International – abbreviated HRSF
- American Baptist Mission Center – full HRSF

Please be sure to consult relevant guidelines for completion of all forms (available from our website) and appropriate historic contexts for completion of the full HRSFs. In addition, please include historic and current aerial comparisons as appropriate in addition to the required attachments (USGS, photographs, site plans) for each of the full HRSFs.

For questions concerning archaeological resources, please contact Mark Shaffer at mshaffer@pa.gov or (717) 783-9900. For questions concerning above ground resources, please contact Emma Diehl at emdiehl@pa.gov or (717) 787.9121.

Sincerely,



Douglas C. McLearn, Chief
Division of Archaeology and Protection

C: Tony Cho, FTA
Liz Smith, SEPTA
Leslie Roche, AECOM
Kate Farnham, AECOM

APPENDIX B:
Qualifications of Preparers



Jesse Walker

Senior Archaeologist

Areas of Expertise

Archaeology of Historic
And Prehistoric Native
Americans
Section 106 of the National
Historic Preservation Act
Archaeological Surveys and
Excavations
Lithic and Ceramic Analysis
Geomorphology
Technical Report Production
Historic Contexts
Public Involvement

Education

B.A./1997/State University of
New York at New
Paltz/Anthropology

M.A./2003/Temple
University/Anthropology

Training/Certifications

OSHA 29 CFR 1910.120
HAZWOPER 40-Hour
Certification Course

OSHA HAZWOPER (8-hour)
Refresher Training Course,
(December 2015)

NJHPO: CRM Essentials 2007

Years of Experience

With AECOM 1.5

With Other Firms 13

Professional Associations

Mid-Atlantic Archaeology
Conference

Archaeological Society of New
Jersey

Society of Pennsylvania
Archaeology

Summary

Mr. Walker has over 13 years of experience in archaeological investigations and Section 106 of the National Historic Preservation Act in the Middle Atlantic and Northeastern United States. Jesse possesses a strong background in archaeological field and laboratory methods along with extensive training and experience in lithic, shell, and ceramic analysis and geomorphology. His primary specialization is the study of Native American groups through archaeology. He has directed field surveys, artifact analysis, and written technical reports for projects in Delaware, Vermont, New York, New Jersey, Maryland, and Pennsylvania. His current responsibilities include project management and technical report preparation. Mr. Walker is the author or co-author of more than 100 technical reports, nine professional papers, a peer-reviewed publication, as well as numerous presentations and materials for the general public. Currently, Mr. Walker is on the executive board of the Archaeological Society of New Jersey.

AECOM Experience

Phase I/II Archaeological Survey, New Jersey Natural Gas, Southern Reliability Link Project, Burlington, Monmouth, Ocean Counties, NJ: Principal Investigation for 27-mile long natural gas transmission pipeline project. The survey was completed to comply with New Jersey Department of Environmental Protection-Historic Preservation Office regulations and the New Jersey Pinelands Commission Regulations.

Phase I Archaeological Survey, US Coast Guard, Station Shinnecock, Suffolk County, NY. Principal Investigator/Deputy Project Manager for Phase I archaeological survey for a proposed Engineering Support Building. The project is a task order under an IDIQ contract.

Phase I/II Archaeological Investigation, Cedar Substation, Stafford Township, Ocean, NJ. Co-Principal Investigator, report author for an Atlantic City Electric substation expansion project. Prehistoric and historic archaeological resources were identified. The archaeological resources were determined to not be eligible for listing on the National Register of Historic Places.

Deepwater to Salem Transmission Line, Atlantic City Electric, Salem County, NJ.

Co-Principal Investigator for Phase I Archaeological Survey for a 69kV transmission line project. One prehistoric site was identified.

Archaeological Assessment, PSEG Fossil LLC Linden Generating Station, Union County, NJ

Principal Investigator, author for an archaeological assessment conducted for the Demolition of Retired Facilities at Linden Generation Station. A consultation letter was prepared for the proposed project which determined there was a low potential for significant archaeological resources and

recommended no further archaeological survey. The New Jersey Historic Preservation concurred with the recommendations.

Other Experience

Phase I/II Archaeological Survey, Vera Cruz Sewer, Lehigh County, PA: Principal Investigator, co-author for six mile long sewer project in the town of Vera Cruz. Testing encountered significant archaeological deposits related to the Vera Cruz Quarry Site. The project was redesigned to avoid impacts to significant archaeological deposits.

Phase I/II/III Archaeological Studies, Shelly Road Commercial Site, Upper Salford Township, Montgomery County, PA: Principal Investigator for the 20-acre commercial development project. Three Native American Sites were excavated. Two of the sites were located on the floodplain of the East Branch of the Perkiomen Creek.

Phase I Archaeological Investigation, Bethel Township Municipal Authority Sewerage Treatment and Collection Facility, Berks County, PA: Principal Investigator, report author for identification-level survey of sewer collection lines and proposed wastewater treatment plant.

Phase I/II/III Archaeological Studies, Shawnee Lake Tract, Smithfield and Middle Smithfield Townships, Monroe County, PA: Principal Investigator, co-author for the 89-acre residential development project. Eight Native American Sites were identified. An alternative mitigation was developed in consultation with the PHMC-BHP to conduct a detailed lithic attribute analysis at four of the National Register Eligible sites.

Phase I Archaeological Investigation, Cedar Run Borrow Area, Greater Lebanon Refuse Authority, Lebanon County, PA: Principal Investigator, report author for identification-level survey for a proposed soil borrow area for the regional waste disposal facility. Three domestic historic sites were identified.

Phase I/II/III Archaeological Investigation, Riverside Development, Millstone Township, Monmouth County, NJ: Principal Investigator, report author for a commercial development project. The Phase I/II/III archaeological investigation was conducted at three multi-component Native American sites.

Chronology

2014 – Present AECOM

2003 – 2014 Richard Grubb & Associates, Inc.

2003 – 1999 Enrolled at Department of Anthropology, Temple University

Contact Information

Company: AECOM
Address: 437 High Street
Burlington, New Jersey 08016
Tel: 609.386.5444
Direct: 609.977.2122
Fax: 609.386.6994

Email address: jesse.walker@aecom.com



Brian M. Albright

Senior Historian and GIS Analyst

Areas of Expertise

Section 106 of the National Historic Preservation Act
National Environmental Policy Act of 1970
Section 404 of the Clean Water Act
Archaeological Resources Protection Act Permitting
Archaeological Survey and Excavation
Historical Research
Background Project Research
Archaeological and Historic Landscape Modelling
Environmental Modelling
Quantitative and Spatial Analyses

Education

M.A./2016/ Rutgers University/American History
B.A./1995/Pennsylvania State University/Anthropology

Training/Certifications

OSHA 29 CFR 1910.120 HAZWOPER 40-Hour Certification Course
OSHA HAZWOPER (8-hour) Refresher Training Course, (April 2015)
OSHA HAZWOPER (8-hour) Site Supervisor Training, (September 2012)

Years of Experience

With AECOM	7
With Other Firms	13

Professional Associations

Historical Society of Pennsylvania
Camden County Historical Society

Summary

Mr. Albright joined AECOM Corporation in 2008 and has twenty years' experience in cultural resources management and geographic information systems (GIS). He has participated in and supervised archaeological and historical investigations throughout the Mid-Atlantic Region, the American Southeast, Michigan's Upper Peninsula, and Michoacán, Mexico including Phase I identification efforts, Phase II evaluations, Phase III data recoveries, identification-level historic structures surveys, and determinations of eligibility. He is an expert in GIS-based analysis of prehistoric and historic land use, historic research, GIS- and GPS-assisted mapping, data analysis, and project planning.

As a Senior Historian and GIS Analyst with AECOM, his responsibilities include historical research, report preparation, and cartographic and aerial-photographic analysis. Mr. Albright has authored several dozen technical reports and professional papers focused on transportation resources (parkways, turnpikes, railroads, and bridges), industrial properties (coal mines, coke works, and power plants), agricultural properties (farmsteads, plantations, and tenant farmer houses) and prehistoric settlement patterns and subsistence strategies. His research interests include the industrial and environmental history of the Greater Philadelphia Area, the social history of the Middle Atlantic Region and the fundamental responsibility that historians and archaeologists have to engage the public they serve.

Experience

Historic Context, The Hunterdon County, New Jersey, Black Granite Industry, UGI Penn East Pipeline Project, Luzerne, Carbon, Northampton, and Bucks Counties, Pennsylvania and Hunterdon and Mercer Counties, Pennsylvania. Senior Historian and GIS Analyst. In September 2015 Mr. Albright documented the development of a late nineteenth-century "black granite" quarrying industry in the Lambertville-Flemington area of Hunterdon County, New Jersey that produced monument blanks and architectural elements for local use. The documentation of such an industry sheds light on a previously unidentified historic-era diabase boulder quarry located during field reconnaissance for the project.

Cultural Resources Assessment, South Jersey Bus Rapid Transit Project, Philadelphia, Pennsylvania, and Camden and Gloucester Counties, New Jersey. New Jersey Transit (NJT). Archaeological Field Director and GIS Analyst. In November 2013, Mr. Albright in collaboration with the project architectural historian conducted a documentary review and field reconnaissance of four study areas in New Jersey that would likely be impacted by the SJBRT project in order to anticipate the NJHPO's required level of effort for the project vis-à-vis Section 106 of the NHPA (memorandum submitted to project manager on November 15, 2013). Subsequently, Mr. Albright prepared supplemental documentation on behalf of the NJT and the FTA to initiate Section 106 consultation with the PHMC and the NJHPO.

Society for Historical
Archaeology
Mid-Atlantic Archaeology
Conference
Archaeological Society of New
Jersey
Archaeological Society of
Virginia

Awards

2015 Swan Historical Foundation
Scholarship
2013 New Jersey Historic
Preservation Award

Construction Monitoring, Installation of 230kV Pipe-Type Cable, Section 1 and Section 3, Passaic and Hudson Counties, New Jersey. Public Service Electric and Gas Company (PSEG). Archaeological Field Director and GIS Analyst. Between June and November 2014, Mr. Albright provided on-call archaeological construction monitoring services to installation contractors in the cities of Passaic and Jersey City, New Jersey to identify and document intact historic and prehistoric artifacts and features exposed by ground disturbing construction activities in previously identified archaeologically sensitive areas. Ground disturbing activities subject to monitoring included the pre-installation mechanical excavation of test trenches by contractors to confirm the depth and location of subsurface utilities, as well as installation trenches excavated to receive segments of 230kV pipe-type electrical cable, cooling and monitoring equipment, and manhole vaults.

Cultural Resource Survey, La Guardia Airport Central Terminal Building Redevelopment, Queens Borough, New York City. Port Authority of New York and New Jersey (PANYNJ). Archaeological Field Director and GIS Analyst. Mr. Albright provided GIS-based mapping and analysis in support of Section 106, NEPA, and Section 4f documents produced for the LaGuardia Central Terminal redevelopment project.

FRA NEC FUTURE Program, Washington, D.C. to Connecticut, Federal Railroad Administration (FRA) and VOLPE National Transportation Systems Center (VOLPE). Archaeological Field Director and GIS Analyst. As part of a multidisciplinary team, Mr. Albright provided VOLPE and FRA cultural resources expertise and GIS-based analysis to support preparation of a Tier I EIS for the NEC FUTURE Program. Mr. Albright served as a liaison between project planners, environmental staff, and SHPO GIS staff and was charged with developing methods of meaningful analysis and representation that safeguarded restricted archaeological site location information. Seven SHPOs between Washington, D.C. and Connecticut participated in the project by means of digital data-sharing arrangements facilitated by Mr. Albright.

Phase IB Archaeological Survey, B L England Generating Station Repowering Project, Beesleys Point, Upper Township, Cape May County, New Jersey. R C Cape May Holdings, LLC. Archaeological Field Director and GIS Analyst. In pursuit of Coastal Areas Facilities Act (CAFRA), and Freshwater Wetlands Transition Area Waiver (TAW) permits required by the NJDEP, Mr. Albright planned and conducted a Phase IB survey of the project area and identified the southernmost extent of the NRHP-listed archaeological site 28-Cm-32. Avoidance of this historic property was recommended. The NJHPO concurred with the survey's finding and recommendations on February 25, 2013.

Cultural Resource Survey, Access to the Region's Core (ARC)/Trans Hudson Express (THE) Tunnel Project, City of Hoboken, New Jersey and Manhattan, New York. PANYNJ and NJT. Archaeological Field Director and GIS Analyst. Mr. Albright was responsible for assisting the principal investigator with historic research and archaeological testing in Hoboken, New Jersey, monitoring of geotechnical borings in Manhattan, New York, and development of GIS-based predictive models to assess historic site potential at both locations.

Phase I Cultural Resources Survey, New Jersey Turnpike Interchange 6 to 9 Widening Program, Wetland Mitigation Sites, South Brunswick Township, Middlesex County, New Jersey. Archaeological Field Director and GIS Analyst. Mr. Albright assisted the Principal Investigator and Senior Architectural Historian in conducting supplemental Phase I testing at the John W. Lott House and documenting historic structures along the Friendship Road corridor.

Stone Family Genealogy, UGI Penn East Pipeline Project, Luzerne, Carbon, Northampton, and Bucks Counties, Pennsylvania and Hunterdon and Mercer Counties, Pennsylvania. Senior Historian and GIS Analyst. In October 2015 Mr. Albright assisted in compiling a comprehensive genealogy to identify living descendants of human remains uncovered at a 19th-century family cemetery in Vanport Township, Beaver County.

Phase IB Archaeological Survey, PA Turnpike Northeast Extension Project, Full Depth Roadway Reconstruction Milepost A-38 to A-44, Salford Township, Montgomery County, and West Rockhill and Milford Townships, Bucks County, Pennsylvania, Pennsylvania Turnpike Commission (PTC). Archaeological Field Director and GIS Analyst. In 2014-2015 Mr. Albright assisted with Phase IB shovel testing and provided GIS and GPS-based mapping support to the project field supervisor and principal archaeologist. Mr. Albright also provided mapping service to the historic architectural survey team producing nearly seventy maps for inclusion in PHMC Historic Resource Survey Forms (HRSF).

Phase IA Archaeological Survey, Pennsylvania Turnpike Reconstruction MP 298 - MP 302, Berks and Chester Counties, Pennsylvania. Pennsylvania Turnpike Commission (PTC). Archaeological Field Director and GIS Analyst. In October 2013 Mr. Albright in collaboration with the project architectural historian conducted a documentary review and field reconnaissance of the project corridor in order to anticipate the PHMC's required level of effort for the project and to prepare materials necessary to initiation Section 106 consultation. A Phase IA archaeological survey report was submitted for client review on August 2014 and submitted for PHMC review January 2015.

Phase I Archaeological Survey, SR 4008 Section 01B Bridge Replacement over Little Swatara Creek, Bethel and Tulpehocken Townships, Berks County, Pennsylvania. Pennsylvania Department of Transportation (PennDOT). Archaeological Field Director and GIS Analyst. Mr. Albright was responsible for subsurface testing of the project APE and coordinating with the project geomorphologist. As no historic or prehistoric artifacts or features were identified, a negative survey form was submitted to PennDOT on April 8, 2013.

Phase III Data Recoveries at 28ME360 and 36BU379, I-95/Scudder Falls Bridge Replacement, Delaware River Joint Toll Bridge Commission (DRJTBC), Ewing Township, Mercer County, New Jersey and Lower Makefield Township, Bucks County, Pennsylvania. Archaeological Field Director and GIS Analyst. Under the direction of the senior archaeologist and principle investigator, Mr. Albright was responsible for supervising data recovery excavations, conducting transit-based mapping of *in situ* artifacts and archaeological features, analyzing aerial photography and geophysical data, supervising archaeological field technicians, providing data analysis, and producing report graphics and content. Mr. Albright developed a prehistoric settlement model based on the seasonal availability of subsistence resources for the Middle Delaware Valley to better understand Late Archaic through Late Woodland subsistence-settlement strategies.

Mr. Albright and coauthor Frank Mikolic received a 2013 New Jersey Historic Preservation Award for their work at the Reeders Creek West Site (28ME360) in Mercer County, New Jersey. The New Jersey Historic Preservation Office (NJHPO) complimented the final data recovery report as "an excellent example of pre-Contact period research in the Middle Atlantic region" whose "scope and depth of analysis have significantly contributed to the study of settlement patterns, subsistence strategies and lifeways of Native Americans in the Middle Delaware River Valley."

Additional Phase I and Phase II Archaeological Survey, I-95/Scudder Falls Bridge Replacement, DRJTBC, Ewing Township, Mercer County, New Jersey and Lower Makefield Township, Bucks County, Pennsylvania. Archaeological Field Director and GIS Analyst. As part of the Section 106 review process, Mr. Albright was responsible for testing of the project APE, analyzing aerial photography, geophysical data, and historic mapping, supervising archaeological field technicians, and generating report graphics and content.

Alternative Mitigation to 36WM0974, Improvements to SR 119-A02, Pennsylvania Department of Transportation (PennDOT), Engineering District 12-0, East Huntingdon Township, Westmoreland County, Pennsylvania. Archaeological Field Director and GIS Analyst. Supported the Senior Historian by preparing graphics and GIS data as part of an alternative mitigation effort for the NRHP-eligible Rising Sun Mine and Coke Works (PHMC concurrence August 31, 2011). The mitigation effort included the documentation of mine sealing programs in southwestern Pennsylvania during the twentieth century.

Phase I and II Archaeological Survey, Improvements to SR 119-A02, Pennsylvania Department of Transportation (PennDOT), Engineering District 12-0, East Huntingdon Township, Westmoreland County, Pennsylvania. Field Director and GIS Analyst. Responsible for testing of the project APE, analysis of aerial photography, geophysical data and historic mapping as part of testing planning and implementation, on-site supervision of archaeological field technicians, data analysis and production of report graphics and content; identified five previously unrecorded historic archaeological resources including the former site of the Rising Sun Mine and Coke Works recommended eligible for the NRHP under National Register Criterion C for engineering.

Cultural Resources Survey, Roadway and Bridge Reconstruction from Milepost 99 to Milepost 109, Pennsylvania Turnpike Commission (PTC), Westmoreland and Somerset County, Pennsylvania (ongoing). Archaeological Field Director and GIS Analyst. Responsible for developing predictive models for historic and precontact archaeological resources as part of the Phase I testing methodology, in-field supervision of archaeological field technicians, data analysis, and production of report graphics and content. He assisted the senior Architectural Historian with documentation of historic structures and recommended the Stahl Dairy Farm Complex eligible for the NRHP under Criterion A for agriculture (PHMC concurrence June 13, 2012).

Phase I Cultural Resources Survey, Foreign Affairs Security Training Center (FASTC), United States General Services Administration and Department of State, Queen Anne's County, Maryland. Archaeological Field Director and GIS Analyst. Responsible for testing of the 1500-acre project APE, analysis of aerial photography, geophysical data, and historic mapping as part of testing planning and implementation, on-site supervision of archaeological field technicians during pedestrian survey and excavations, GPS-based mapping of all surface finds, data analysis and production of report graphics and content. Despite premature cancellation, the project identified 28 previously unrecorded historic and prehistoric archaeological sites and documented 15 historic structures not previously surveyed.

Phase IA Archaeological Survey, Poplar Point Transfer and Redevelopment Project, Washington, D.C. National Park Service (NPS). Archaeological Field Director and GIS Analyst. In 2014 Mr. Albright prepared a Phase IA archaeology report on behalf of NPS National Capitol Parks-East in preparation for the transfer of the Poplar Point Section of Anacostia Park to the City of Washington, D.C. The Phase IA report

included the development of a historic and prehistoric context for the project area, a cut-and-fill analysis, and recommendations for geomorphological and Phase IB archaeological testing to identify deeply buried land surfaces adjacent to the Anacostia River and to recover remnants of the 1932 Bonus Army Expeditionary Force camp on the Anacostia Flats.

Phase IA Archaeological Survey, Reconstruction of Southern Avenue SE from South Capitol Street SE to Barnaby Road SE and Replacement of South Capitol Street Bridge (#64) over Barnaby Run, Washington, D.C. and Prince George's County, Maryland. District Department of Transportation (DDOT). Archaeological Field Director and GIS Analyst. Mr. Albright prepared a Phase IA report on behalf of DDOT. The Phase IA report included the development of a historic and prehistoric context for the project area, a cut-and-fill analysis, analysis of geotechnical borings, and conditional recommendations for Phase IB archaeological testing (SHPO concurrence: April 1, 2015).

Potomac Annex Project, Washington D.C. United States Department of State (DoS). Archaeological Field Director and GIS Analyst. Mr. Albright provided GIS analysis and GPS-based mapping support for the Potomac Annex Project specifically oriented toward the interpretation of ground-penetrating-radar and metal-detector survey results.

Phase I Cultural Resources Survey, Columbia Pike Transit Initiative, Washington Metropolitan Area Transit Authority (WMATA), Fairfax County and Arlington County, Virginia. Archaeological Field Director and GIS Analyst. Responsible for site reconnaissance, resource identification, and project initiation with the Virginia Department of Historic Resources (VDHR). Drafted content for Alternatives Analysis and Environmental Assessment documents as part of the NEPA review.

Phase I Archaeological Survey, Potomac Yard Metrorail Station, WMATA, Potomac Yard, City of Alexandria, Virginia (ongoing). Archaeological Field Director and GIS Analyst. Responsible for site reconnaissance, resource identification, and project initiation with the VDHR, ARPA permit application preparation, and coordination of archaeological testing with the NPS within the NPS-administered George Washington Memorial Parkway. Drafted content for the EIS document required as part of the NEPA review. Developed an inductive model of twentieth-century land disturbance in a post-industrial landscape to refine the Phase I testing methodology.

Phase I Archaeological Inventory of Medium and High Probability Areas, I-564 Intermodal Connector Project, Naval Station Norfolk and Naval Support Activity Hampton Roads, Norfolk, Virginia. Naval Facilities Engineering Command Mid Atlantic (NAVFAC MIDLANT). Archaeological Field Director and GIS Analyst. Mr. Albright planned and supervised subsurface testing of five previously identified areas of elevated archaeological probability at NSN and NSA Hampton Roads. Phase I subsurface testing identified no artifacts or archaeological features at or near the ground surface. A final Phase I archaeology report was submitted to NAVFAC MIDLANT in January 2012.

Phase I and II Archaeological Testing, Brooke Station Project, Virginia Rail Express (VRE), Stafford County, Virginia. Archaeological Field Director and GIS Analyst. Responsible for testing of the project APE, analysis of aerial photography, geophysical data and historic mapping as part of testing planning and implementation, on-site supervision of archaeological field technicians, data analysis and production of report graphics and content.

Phase I Archaeological Testing, Leeland Station Project, VRE, Stafford County, Virginia. Archaeological Field Director and GIS Analyst. Responsible for testing of the project APE, analysis of aerial photography, geophysical data and historic mapping as part of testing planning and implementation, on-site supervision of archaeological field technicians, data analysis and production of report graphics and content.

Field Reconnaissance and Historic Research, Monroe to Cornwell Project, Doddridge and Kanawha Counties, West Virginia. Dominion Transmission, Inc. Archaeological Field Director and GIS Analyst. Mr. Albright conducted background research at state and local archives, carried out field reconnaissance at three natural gas facilities, and prepared a historic context in preparation for an identification level cultural resources survey in pursuit of a CWA Section 404 permit from the USACE for the project.

Phase I Cultural Resource Survey, MOPA-S002 Pipeline, Doddridge County, West Virginia. EQT. Archaeological Field Director and GIS Analyst. In support of EQT's pursuit of a CWA Section 404 permit from the USACE, in cooperation with the project principal archaeologist, Mr. Albright planned and conducted a Phase I cultural resource survey of potential USACE jurisdictional areas. No historic properties were identified and no additional cultural resource investigations were recommended (SHPO concurrence: October 22, 2013).

Cultural Resources Survey, Peachtree Streetcar Project, MARTA, Atlanta, Georgia. Archaeological Field Director and GIS Analyst. Responsible for analysis or historic mapping and aerial photography, report graphics and project mapping.

Phase I Cultural Resources Survey, Improvements to McQueen Smith Prehistoric Modeling, Atlanta Beltline Corridor Environmental Study, Metropolitan Atlanta Rapid Transit Authority (MARTA), Atlanta, Georgia. Archaeological Field Director and GIS Analyst. Responsible for creation of a multi-component GIS-based inductive predictive model to identify those areas within the project corridor likely to contain intact prehistoric deposits; analyzed historic mapping and aerial surveys of Atlanta to identify areas of minimal twentieth-century ground disturbance within the project APE.

Road between East Main Street/Cobbs Ford Road and South Memorial Drive (SR-31), Prattville, Autauga County, Alabama. Alabama Department of Transportation (ALDOT). Archaeological Field Director and GIS Analyst. Responsible for testing of the project APE, analysis of aerial photography, geophysical data and historic mapping as part of scoping and implementation, on-site supervision of archaeological field technicians, data analysis and production of report graphics and content. The project identified 8 early twentieth-century African American tenant farmer residences along the SR-31 corridor.

Phase I Cultural Resources Survey, Improvements to SR-20 from the Existing Tennessee River Bridges to I-65, Decatur, Limestone County, Alabama. ALDOT. Archaeological Field Director and GIS Analyst. Responsible for testing of the project APE, analysis of aerial photography, geophysical data and historic mapping as part of testing planning and implementation, on-site supervision of archaeological field technicians, data analysis and production of report graphics and content; the project identified three previously unrecorded prehistoric archaeological sites; authored a landscape history of the SR-20 corridor to document the changing organization of cotton farming in Limestone County from the

early nineteenth century through the end of the twentieth century.

Phase I Cultural Resources Survey, Jones Creek Road Extension, Parish of East Baton Rouge, Louisiana. City of Baton Rouge and Parish of East Baton Rouge. Archaeological Field Director and GIS Analyst. In support of the client's pursuit of a CWA Section 404 permit from the USACE, Mr. Albright planned and supervised a Phase I cultural resource survey of potential USACE jurisdictional areas. No historic properties were identified and no additional cultural resource investigations were recommended (draft report submitted to client on August 5, 2013).

Phase I Cultural Resources Survey, Wind Turbine Project, Newport, Rhode Island. Naval Station Newport. Archaeological Field Director and GIS Analyst. Mr. Albright's responsibilities included the analysis of aerial photography, geophysical data, and historic mapping as part of the testing planning and implementation process, as well as production of report graphics and content.

Historic Structures Survey, MBTA North Shore Transportation Improvements Project, Revere, Saugus and Lynn, Massachusetts. Archaeological Field Director and GIS Analyst. Responsible for assisting the principle investigator with historic structures survey design, implementation and recordation; responsible for all project mapping and data QA/QC.

California High Speed Train, Merced to Fresno Section, the Cities of Atwater, Merced, Planada, Le Grand, Chowchilla, Fairmead, Madera, Herndon and Fresno and Merced, Madera and Fresno Counties, California. Federal Railroad Administration and California High-Speed Rail Authority. Archaeological Field Director and GIS Analyst. Mr. Albright was responsible for providing GIS support to the senior archaeologist and project architectural historian to assist with research design and the preparation of NEPA technical, EIS, and FOE reports.

Section 4f Evaluation, Yerba Buena Island Transportation Improvements, San Francisco, California. San Francisco County Transportation Authority and the California Department of Transportation. Archaeological Field Director and GIS Analyst. Mr. Albright was responsible for report graphics and mapping required under Section 4(f) of the Department of Transportation Act of 1966.

GIS-Based Mapping, CityNet II Project, Philadelphia, Pennsylvania. Philadelphia Department of Public Property. GIS Analyst at M&M Solutions, LLC. Mr. Albright mapped the locations of 9 miles of optical cable, 25 hardware components, and 131 manholes and handholes and created the GIS-based *CNetII* database and user interface to ease future network infrastructure management activities by allowing city officials rapid access to technical documents including as-built diagrams, building floor plans, hardware specifications and network span information.

Historic Research and Web-based Development, Unified Land Records System (ULRS), Philadelphia, Pennsylvania. Mayor's Office of Information Services. GIS Analyst at M&M Solutions, LLC. Mr. Albright identified "stricken and vacated" street segments through document-based research to improve ULRS' automated address geocoding performance. He also created a web-based user interface to manage and search the contents of ULRS alias tables.

Parcel Scrubbing, Philadelphia, Pennsylvania. Philadelphia Department of Records. GIS Analyst at M&M Solutions, LLC. Mr. Albright designed implemented a new server infrastructure and data backup and recovery procedures to safeguard the department's data against hardware failure; provided both server and client hardware and

software support for 2 ArcSDE/Oracle Database servers and 20 client machines; and, trained a team of 6 technicians allowing them to adjust parcel geometry and attribute data for Philadelphia's 500,000+ parcels in less than one year's time.

Parcel Scrubbing, Philadelphia, Pennsylvania. Philadelphia Department of Records. GIS Technician at Computer Horizons Corporation. Mr. Albright was a member of a team of six technicians responsible for spatial and attribute data QA/QC for Philadelphia's 500,000+ tax parcels.

Archaeological Excavation and Mapping, Proyecto Erongaricuario, Michoacan, Mexico. Research Assistant at Michigan State University. Mr. Albright assisted Dr. Helen Pollard with archaeological surface survey and excavations, and supervised extensive elevation mapping of the prehistoric archaeological site of Erongaricuario in Michoacán, Mexico.

Archaeological Excavation, Michigan State University's Marquette Mission Archaeological Field School, St. Ignace, Michigan. Field Director. Mr. Albright assisted principle investigator, Dr. Charles Cleland, with excavations at the Marquette Mission and Starr Sites; instructed students in archaeological survey, excavation and laboratory methods; supervised students in field and during lab sessions; and maintained project vehicles and equipment.

Publications and Papers Presented

"The Iron Industry." The Middle Atlantic Regional Center for the Humanities' *Encyclopedia of Greater Philadelphia*. Forthcoming. <http://philadelphiaencyclopedia.org>.

"Farmers or Fishermen: Local Resource Mosaicism and the Case for Subsistence Flexibility in the Middle Delaware River Valley." Presentation at the Middle Atlantic Archaeological Conference, Langhorne, Pennsylvania, March 16, 2014.

With John W. Lawrence. "Prehistoric Foodways: Lenape foraging, fishing, and farming along the Middle Delaware River, the view from Scudder Falls." Presentation to the Archaeological Society of New Jersey, Piscataway, New Jersey, March 16, 2013.

Brian Albright. "Chupícuaro Revisited." Presentation at the 64th Annual Meeting of the Society for American Archaeology, Chicago, Illinois, March 27, 1999.

Chronology

2008 – Present AECOM

2004 – 2007 M&M Solutions, LLC.

2003 – 2004 Computer Horizons Corporation

1995 – 2002 Michigan State University

Contact Information

Company: AECOM
Address: 437 High Street
Burlington, New Jersey 08016
Tel: 609.386.5444
Direct: 856.381.6233
Fax: 609.386.6994
Email address: brian.albright@aecom.com

APPENDIX C:
PHMC Report Summary Form



Archaeological Report Summary Form

PROJECT CHECKLIST: Please fill out a copy of this checklist and include it with your initial report submission,(including with management summaries or draft reports). This form may be downloaded and expanded as needed, but please do not eliminate any fields.

1. Project Identification:

ER Number: 2013-1006-091

Report Title: Phase IA Archaeological Survey Report, Southeastern Pennsylvania Transportation Authority (SEPTA), King of Prussia Rail, Upper Merion Township, Montgomery County, and Upper Darby Township, Delaware County, Pennsylvania

Preparers Name and affiliation: Jesse Walker and Brian Albright, AECOM

Report Date: April 2016

Number of Pages: 98

Agency: Southeastern Pennsylvania Transportation Authority Applicant: _____

2. Report Information:

Report Type (some reports are combinations, check as many as apply to this report.)

- Pre-Phase I/Sensitivity Study
- Phase I
- Phase II
- Phase III
- Historic Structures
- Geomorphology
- Determination of Effects
- Other _____

Total Project Area 20.59 hectares

Phase I Methods used for total project (check as many as apply)

- shovel tests,
- surface survey,
- controlled test units/deep tests,
- informant interview,
- other: _____

Total Number of Sites Encountered/Phase I _____

Total Sites Tested/Phase II _____ Total Sites Excavated/Phase III _____

3. Location (list all in each category):

Project Area County/Municipality

County	Municipality
Montgomery	Upper Merion
Delaware	Upper Darby

7.5" USGS Quadrangle(s)

Name	Date
Lansdowne	1967 (PR 1994)
Valley Forge	1992

Norristown	1992
------------	------

Project Area Drainage(s) (Sub-basin and Watershed can be obtained from CRGIS):

Sub-basin	Watershed	Major Stream	Minor Stream
(3) Lower Delaware River	F	Schuylkill	Crow/Trout Creek
(3) Lower Delaware River	G	Delaware River	Cobb Creek

Physiographic Zone(s) (Use DCNR Map 13 compiled by W.D. Sevon, Fourth Edition, 2000.):

Physiographic Zone
Piedmont Lowland
Gettysburg-Newark Lowland

4. Archaeological Sites within APE / Project Area (Site numbers must be obtained from SHPO prior to Report submission. Include Isolated find/Non-Site Numbers):

PASS Site Number	Newly or Previously Recorded

Please complete an updated PASS form for each site reported by this report. Updated forms need only include the new information and the site number and name.

In addition, the following pages must also be completed **for each site**. Complete only the portions that pertain to the current report. If the report is a stand-alone Phase II, you do not need to fill in the Phase I methods, since they should have been included in the summary form for the previous report.

5. Associated Above Ground Resources (If any):

SHPO Key Number	Resource Name

6. PASS Site Specific Information (Please complete the following for each site reported by this report.)

PASS NUMBER _____

A. Methods:

Phase I (how the site was located - check as many as apply)

- shovel tests, controlled test units/deep tests,
- surface survey, informant interview, other: _____

Phase II

- controlled surface collection
- controlled excavation w. screening of plowzone, > 5 units
- mechanical stripping of plowzone (____%)
- deep excavation units
- remote sensing
- other _____

square meters of site tested: _____ sq. m % of site area tested: _____ %

Phase III

- controlled surface collection
- controlled excavation w. screening of plowzone, > 5 units
- mechanical stripping of plowzone _____%
- deep excavation
- block excavations
- remote sensing
- environmental reconstruction (soils, floral, pollen)
- dietary reconstruction (floral, faunal)
- intensive lithic analysis (functional)
- intensive lithic analysis (technological)
- raw material sourcing
- ceramic analysis (seriation)
- ceramic analysis (functional)
- blood residue
- other _____

square meters of site tested: _____ sq. m % of site area tested: _____ %

B. Recommendations (normally completed only after Phase II):

-- NR Eligibility recommendation
 eligible, ineligible, undetermined

-- reasons for determination (check as many as apply; expand as needed)

- eligible: Criterion A. Explain _____
- eligible: Criterion B. Explain _____
- eligible: Criterion C. Explain _____

- eligible: Criterion D:
 - settlement patterning (intersite patterning)
 - intrasite artifact patterning
 - features
 - radiocarbon dating
 - organic preservation
 - evidence of culture change through time
 - stratified
 - temporally discrete clusters
 - burials/human remains
 - technological
 - economics
 - ethnicity
 - dietary
 - other(specify): _____
-
- ineligible
 - disturbed
 - ephemeral occupation
 - redundant information
 - un-datable
 - other (specify): _____

C. Artifacts/Collections

- will be donated to the **State Museum of Pennsylvania (SMPA)**
-- collection will be submitted by _____(date)

- will be donated to other approved repository (this option must be negotiated with the SHPO and SMPA or stated as stipulation in MOA) **Repository Name:** _____
-- collection will be submitted by _____(date)

- will be **retained by land owner** (whole or partial collection)
 - expanded documentation enclosed for items retained