



## Municipality of Princeton

Municipal Building  
400 Witherspoon Street  
Princeton, NJ 08540-3496

Department of Community Development  
Office of the Engineer  
Telephone (609)921-7077  
Fax: (609) 688-2027

**ROBERT V. KISER, P.E.**  
Director of Engineering

### MEMORANDUM

TO: Robert Bruschi, Administrator

FROM: Robert V. Kiser, P.E., Director of Engineering

DATE: May 20, 2014

SUBJECT: **PSA, Hunter Research – Cultural Resources Assessment in Relation to D’Ambrisi Dam Repairs - NTE \$8,997.60**

Attached herewith please find two (2) proposals to prepare a cultural resources assessment relating to the repairs of D’Ambrisi dam. This assessment is required by the State Historic Preservation Office as a condition of the issuance of NJDEP Dam Safety and Land Use permits for the repair of the dam. Specific requirements of the cultural resources assessment are detailed in the attached memorandum dated April 30, 2014.

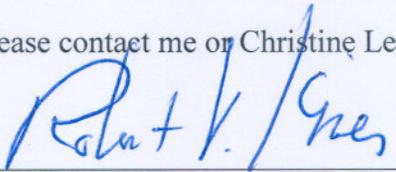
Proposal for these services are as follows:

- |  |            |
|--|------------|
| 1. Hunter Research<br>Trenton, NJ            | \$8,977.60 |
| 2. Richard Grubb & Associates<br>Trenton, NJ | \$9,201.00 |

After reviewing the proposals, it is recommended that the Hunter Research firm be utilized for these services. We note that Hunter Research is very familiar with the Route 206 corridor in this area of Princeton, have extensive expertise in completing these type of studies and works well with Princeton staff.

In consideration of the above, it is recommended that a professional services agreement be entered into with the Hunter firm in the not to exceed amount of \$8,977.60. Also, attached please find a resolution and a professional services agreement for the services specified.

Please contact me or Christine Lewandoski, Historic Preservation Officer, if you have any questions.

  
Robert V. Kiser, P.E., Director of Engineering

RVK/cc

c: Linda McDermott, Municipal Clerk  
Trishka Waterbury Cecil, Municipal Attorney  
Kathy Monzo, Deputy Administrator/Director of Finance  
Sandy Webb, CFO  
Deanna Stockton, P.E., Assistant Engineer  
Christine Lewandoski, Historic Preservation Officer/Deputy Zoning Officer  
Robert Hough, P.E., Director of Infrastructure and Operations  
Rosanna Roberto, Secretary

**RESOLUTION 2014-R  
OF THE MAYOR AND COUNCIL  
OF THE MUNICIPALITY OF PRINCETON  
AUTHORIZING AN CULTURAL RESOURCES ASSESSMENT IN RELATION TO THE  
D'AMBRISI DAM PROJECT**

**WHEREAS**, the Municipality desires to enter into a professional services agreement in connection with certain activities being conducted by the Municipality, as hereafter more particularly stated, and

**WHEREAS**, the services to be performed are professional services which are exempt from public bidding under the Local Public Contracts Law.

**NOW, THEREFORE, BE IT RESOLVED** by the Mayor and Council of the Municipality of Princeton as follows:

The Mayor and Clerk are hereby authorized to enter into a contract for professional services with **HUNTER RESEARCH** (hereinafter referred to as "Provider") to prepare a cultural resources assessments relating to the D'Ambrisi Dam project, as hereafter more particularly stated.

1. The contract so authorized shall require the Provider to provide services and other related duties, as follows:

Provider shall serve as a professional cultural resources assessment consultant company on behalf of the Municipal Department of Engineering to prepare a cultural resources assessment as required by the State Historic Preservation Office as a condition of the issuance of NJDEP Dam Safety and Land Use Permits for the repair of the dam. Specifically, the Provider shall perform the services provided for in their proposal dated May 19, 2014.

Under this Agreement, Provider shall at all times act as an independent professional contractor and not as an employee of the Municipality, and shall have no authority to act as an agent or representative of the Municipality or to enter into any financial or other contractual commitment on behalf of the Municipality without the prior written approval of same granted in accordance with law.

Payment of fees will be made upon the submission to the Provider to the Municipality of invoices in duplicate in the form prescribed by the Municipality not later than the tenth (10th)

day of the month following that covered by the invoice, and shall specify in detail the periods for which fees are claimed for the services performed. The provider shall give written notice to the Municipality when the Provider has billed eighty (80%) of the compensation set forth in paragraph I of the Agreement.

2. The form of contract shall include standard provisions common to professional service agreements entered into by the Municipality and shall be subject to approval by the Municipal Attorney.

3. The contract shall be awarded without competitive bidding as a contract for professional services under the provisions of the Local Public Contracts Law because the subject services will be performed by a person or persons authorized by law to practice a recognized profession and whose practice is regulated by law.

4. A notice of this action shall be published in the Princeton Packet as required by law within ten (10) days of its passage.

Councilperson	Absent	Present	1 <sup>st</sup>	2 <sup>nd</sup>	Yea	Nay	Abstain	Disqualified
Ms. Butler								
Mrs. Crumiller								
Ms. Howard								
Mr. Liverman								
Mr. Miller								
Mr. Simon								
Mayor Lempert								

I, Linda S. McDermott, Clerk of the Municipality of Princeton, do hereby certify that the above is a true and complete copy of a resolution adopted by the Mayor and Council of said Municipality at a meeting held May 27, 2014.

IN WITNESS WHEREOF, I hereunto set my hand and affix the corporate seal of said Municipality, this May 27, 2014.

\_\_\_\_\_  
Linda S. McDermott  
Municipal Clerk

**MUNICIPALITY OF PRINCETON  
PROFESSIONAL SERVICES AGREEMENT 2014**

AGREEMENT, made this \_\_\_\_ day of May, 2014, by **HUNTER RESEARCH, 120 West State Street, Trenton, NJ 080608-1185** (hereinafter referred to as "Provider"), and the Municipality of Princeton, a municipal corporation in the County of Mercer and State of New Jersey (hereinafter referred to as the "Municipality") located at 400 Witherspoon Street, Princeton, New Jersey 08540.

WHEREAS, the Municipality wished to enter into a professional service agreement with the Provider for the performance of professional services in connection with certain activities being conducted by the Municipality, as hereafter more particularly stated in the Providers' proposal dated **May 16, 2014** hereby attached; and

WHEREAS, the services to be performed are professional services which are exempt from public bidding under the Local Public Contracts Law. N.J.S.A. 40A:11-1 et seq., and

NOW, THEREFORE, in consideration of the mutual obligations hereafter set forth, the parties hereto agree as follows:

1. STATEMENT OF WORK: The Provider shall use its best efforts to perform professional services at the **D'AMBRISI DAM** improvements project as follows:

1. Background Research	\$2,120.00
2. Field Investigations	\$720.00
3. Analysis and Report	\$6,040.00
Expenses	\$97.60
Total	<b>\$8,977.60</b>

Under this Agreement the Provider shall at all times act as an independent professional contractor and not as an employee of the Municipality and shall have no authority to act as an agent or representative of the Municipality or to enter into any financial or other contractual commitment on behalf of the Municipality without the prior written approval of same granted in accordance with law. This Agreement shall be supplemented by the terms of the Provider's proposal including the standard provisions of the proposal except where such terms are contradicted by the terms of this Professional Services Agreement in which case the terms of this Agreement shall apply. The Agreement will be effective from May 27, 2014 through December 31, 2014 subject to available budgetary funding.

2. PAYMENT:

a. **Not to exceed total fee of eight thousand nine hundred seventy seven and 60/00 (\$8,977.60).**

b. Rendition of Invoices: Payment of fees and reimbursement for such expenses incurred will be made upon the submission by the Provider to the Municipality of invoices in duplicate in the form prescribed by the Municipality not later than the tenth (10th) day of the month following that covered by the invoice, and shall specify in detail the periods for which fees or other compensation are claimed, the services performed, and an itemized listing of all expenses incurred for which reimbursement is claimed. The Provider shall give written notice to the Municipality when the Provider has billed eighty percent (80%) of the compensation set forth in paragraph 2.a of this Agreement.

3. TERMINATION.

This Agreement shall be effective for the period provided above, although it may be sooner terminated, with or without cause for any reason whatsoever, at any time by the Municipality by giving thirty (30) days written notice to the Provider.

4. NON-CONFLICTS OF INTEREST.

The Provider represents that neither it nor its firm is now performing and expressly agrees to refrain during the period of effectiveness of this Agreement from so performing, any professional services for any person, firm or corporation which results or might result in a conflict of interest between the Provider and the Municipality, directly or indirectly. The Provider agrees to disclose in writing to the Municipality any and all such conflicts of interest, which may arise, giving full particulars.

5. TITLE TO DATA AND PROPERTY PRODUCED BY THE PROVIDER.

The Provider agrees that title to and all rights and other legal interest in all correspondence, Memoranda, records, data, analysis, graphs, reports, physical property and other subject matter prepared, procured or produced in the rendition of services hereunder shall vest exclusively and remain jointly with the Municipality and Provider and the Provider shall not have the right to sell, disclose, or make same available to third parties without the prior written consent of the Municipality.

6. CONFIDENTIALITY.

The Provider agrees to, treat and maintain as confidential, and not to disclose to any third party or to use for its own benefit, reproduce or have reproduced, any information or other such document or data obtained, learned or produced as a result of the services rendered hereunder (except to the extent required by law) without the prior written consent of the Municipality, which consent shall not unreasonably be refused, and to both require and furnish copies to the Municipality of an identical covenant executed by all agents, employees, or subcontractors of the Provider participating in the rendering of the services hereunder.

7. COMPLIANCE WITH LAWS.

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. The contractor will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation. Such action shall include, but not be limited to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause;

The contractor or subcontractor, where applicable, will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation;

The contractor or subcontractor where applicable, will send to each labor union or representative or workers with which it has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer advising the labor union or workers representative of the contractor's commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants for employment;

The contractor or subcontractor, where applicable, agrees to comply with the regulations promulgated by the Treasurer pursuant to P.L. 1975. c. 127, as amended and supplemented from time to time and the Americans with Disabilities Act;

The contractor or subcontractor agrees to attempt, in good faith, to employ minority and female workers consistent with the applicable county employment goals prescribed by N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975. c. 127. as amended and supplements from time to time or in accordance with a binding determination of the applicable county employment goals determined by the Affirmative Action Office pursuant to N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975. c. 127, as amended and supplemented from time to time;

The contractor or subcontractor agrees to inform in writing appropriate recruitment agencies in the area, including employment agencies, placement bureaus, colleges, universities, labor unions, that it does not discriminate on the basis of age, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices;

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions;

The contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, creed, color, national origin, ancestry, marital status, sex, affectional or sexual orientation, and conform with the applicable employment goals, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions;

The contractor and its subcontractors shall furnish such reports or other documents to the Affirmative Action Office as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Affirmative Action Office for conducting a compliance investigation pursuant to Subchapter 10 of the Administrative Code (N.J.A.C. 17:27).

8. COMPLETE AGREEMENT.

This Agreement and any attachments hereto or incorporated by the reference represents the entire contract between the parties and shall take precedence over all other prior or existing understandings or agreements, if any, whether oral or written, and shall not be modified, assigned or transferred except upon the written consent of both parties hereto. All notices by either party to the other required or permitted hereunder may be sent by regular mail to their respective addresses first set forth above unless sooner revised by written notice.

**WITNESS**

**MUNICIPALITY OF PRINCETON**

\_\_\_\_\_  
Linda S. McDermott, Clerk

By: \_\_\_\_\_  
Elizabeth Lempert, Mayor

By: \_\_\_\_\_  
Richard W. Hunter, President  
For Hunter Research



State of New Jersey

MAIL CODE 501-04B

DEPARTMENT OF ENVIRONMENTAL PROTECTION

NATURAL & HISTORIC RESOURCES

HISTORIC PRESERVATION OFFICE

P.O. Box 420

Trenton, NJ 08625-0420

TEL. (609) 984-0176 FAX (609) 984-0578

CHRIS CHRISTIE  
Governor

BOB MARTIN  
Commissioner

KIM GUADAGNO  
Lt. Governor

April 30, 2014

MEMORANDUM

TO: Jessica Daher, Project Review Officer  
Division of Land Use Regulation

FROM: Katherine J. Marcopul, Supervisor  
Historic Preservation Office

SUBJECT: Mercer County, Princeton Township  
Improvements to D'Ambrisi Dam  
Block 9902, Lot 9  
DLUR File # 1114-14-0001.1

RECEIVED  
MAY 13 2014  
HISTORIC PRESERVATION

Thank you for providing the Historic Preservation Office (HPO) with the opportunity for review and comment on the potential for the above-referenced project to affect historic and archaeological resources.

Archaeology

The D'Ambrisi Dam is located approximately 500' from the Princeton Battlefield State Park, the Princeton Battlefield/Stony Brook Village Historic District, and less than 100' from the Kings Highway Historic District. These historic archaeological and architectural resources are listed on both the New Jersey and National Registers of Historic Places, and represent eighteenth century occupation and Revolutionary War era remains. This parcel is also known to be associated with the Battle of Princeton during the Revolutionary War. Graves of British soldiers killed during the Battle of Princeton are also believed to be present in the general area. Additionally, the project area is located on well-drained soils, crosses the Stony Brook Tributary, and located within one mile of known pre-Contact archaeological sites. Current models for archaeological site sensitivity in New Jersey are available at our webpage at: [http://www.nj.gov/dep/hpo/1identify/arkeo\\_res.htm](http://www.nj.gov/dep/hpo/1identify/arkeo_res.htm).

In consequence, pursuant to N.J.A.C. 7:7A-4.3(b)(5), a Phase IA archaeological reconnaissance survey must be conducted within the project site to assess the potential for the project site to contain archaeological deposits. Investigations should consist of background research and a visit to the project area. Included should be a collection of information on the environment and physical condition of the project site; and the land use, history, and prehistory

of the project area using primarily and secondary sources. Repositories should include the Historic Preservation Office (HPO); NJDEP – Dam Safety; the New Jersey State Museum and Library; local libraries and historical societies; the county cultural and heritage commission; and lay and professional people with knowledge of cultural resources in and around the project area. Research should focus on the project site and any areas requiring ground disturbance, including laydown areas. However, analysis and discussion of the greater project environment should be included for the purpose of discussing the cultural resource potential of the project site.

Report conclusions should specifically address the potential for cultural resources within the project site which may be eligible for inclusion in the National Register of Historic Places. The conclusions should include recommendations and the rationale for one of the following: 1) no further investigation; 2) subsurface testing to identify the location of buried cultural resources (Phase IB testing); 3) subsurface testing to evaluate the National Register eligibility of archaeological sites in the project area (Phase II testing); or 4) monitoring during construction. If additional archaeological survey is advised, the report should include specific recommendations regarding the nature and focus of those investigations.

All phases of the archaeological survey and reporting will need to be in keeping with the Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation. Phase I archaeological survey and reporting guidelines must comply with N.J.A.C. 7:4-8.4 through 8.5. Evaluations to determine the National Register eligibility of archaeological sites must be in keeping with the National Park Service's 2000 National Register Bulletin, *Guidelines for Evaluating and Registering Archeological Properties*. The individual(s) conducting the work will need to meet the relevant Secretary of the Interior's Professional Qualifications Standards for archaeology (48 FR 44738-9).

### **Historic Architecture**

The written proposal submitted with the application does not indicate the age of the dam, material, and structural design. Also, it is difficult to identify these features in the photos submitted with the application. However, the photos do reflect a large amount of cut stone debris that may be associated with the dam or other structures nearby. Due to the early eighteenth and nineteenth century occupation of the area, it is unclear whether this dam may have historical significance. Preliminary HPO research notes that the present impoundment may have been built by the late nineteenth century as part of a former landscape for Drumthwacket.

In consequence, an intensive level architectural survey must be completed to identify if any historic structures or landscapes exist that could be effected by the project. Architectural survey must be in keeping with the Office's 1999 *Guidelines for Architectural Survey* (<http://www.nj.gov/dep/hpo/1identify/survarcht.htm>) with reporting conforming to the guidelines at N.J.A.C. 7:4-8.6. Evaluations to determine the National Register eligibility of historic properties must be in keeping with the National Park Service's National Register Bulletin, *How to Apply the National Register Criteria for Evaluation*. Recommendations for avoidance of impacts to historic properties must conform to The Secretary of the Interior's *Standards for the Treatment of Historic Properties*. The individual(s) conducting the work will need to meet the relevant Secretary of the Interior's Professional Qualifications Standards for architectural history.

**Additional Comments**

Thank you again for providing this opportunity for review and comment on the potential for this project to affect historic and archaeological resources. The HPO looks forward to receiving the requested survey discussed above. Please reference the HPO project number 14-2449, in any future calls, emails, submissions, or written correspondence to help expedite your review and response. If you have any questions, please do not hesitate to contact Vincent Maresca of my staff at (609-633-2395) with questions regarding archaeology or Meghan MacWilliams Baratta (609-292-1253) with questions regarding historic architecture, historic districts, or historic landscapes.

K.J.M.

Cc. Princeton Historical Society

KM/VM/ks

Christine M. Lewandowski, PP, AICP  
Historic Preservation Officer  
Department of Zoning and Historic Preservation  
400 Witherspoon Street  
Princeton, NJ 08540

# HUNTER RESEARCH

Richard W. Hunter  
PRESIDENT

Ian C. Burrow  
VICE PRESIDENT

May 19, 2014

Christine M. Lewandoski, PP, AICP  
Historic Preservation Officer/ Deputy Zoning Officer  
Princeton, New Jersey  
400 Witherspoon Street  
Princeton, New Jersey 08540

## By E-mail

Re: Improvements to the D'Ambrisi Dam  
Block 9902, Lot 9, Princeton, Mercer County, New Jersey  
Phase IA Cultural Resources Assessment, Technical Proposal and Cost Estimate

Dear Ms. Lewandoski:

Please regard the enclosed as a proposal for a Phase IA cultural resources assessment and intensive-level historic architectural survey in connection with proposed improvements to the D'Ambrisi dam in Princeton, New Jersey. This proposal specifically addresses the concerns and requirements put forth in a memorandum from the New Jersey Historic Preservation Office (NJHPO) (Marcopul to Daher, April 30, 2014). As per the NJHPO memorandum, the principal cultural resource concerns relating to this project are the prehistoric archaeological sensitivity of the project site, historical associations of the property with the nearby Princeton Battlefield Historic District, and the documentation of the existing dam which impounds a small tributary of Stony Brook.

All work will be completed in accordance with the procedures and standards of the NJHPO. Senior staff members conducting the work will meet the Secretary of Interior's Professional Qualifications Standards in archaeology, history and architectural history.

We envisage undertaking the following tasks:

**1. Background Research:** we will conduct background research for the subject property and immediately surrounding land at the Historical Society of Princeton, the Department of Environmental Protection's Dam Safety Office, the New Jersey State Library and the New Jersey State Archives. Specifically, we will review historic maps, aerial photographs, published secondary sources, and other pertinent research data, including recently prepared cultural resource reports, relating to the Battle of Princeton, U.S. Route 206 highway improvements, and the design and construction of the dam. We will also review agency files at the NJHPO and the New Jersey State Museum. Background research tasks will be undertaken in support of an assessment of the historical, architectural and archaeological potential of the project site. Contact will also be made with the

Princeton Battlefield Society, Mercer County Cultural and Heritage Commission, local informants, and historians and archaeologists knowledgeable about the Battle of Princeton and the history of the area surrounding the project site.

**2. *Site Inspection:*** A half-day field inspection is proposed during which a thorough examination of the project site, the dam and its related features will be undertaken by a qualified Architectural Historian and Archaeologist. This task will be performed only after we have fully familiarized ourselves with background research materials. A key goal of the field visit will be to assess the land-use history and archaeological potential of the subject property and to preliminarily document existing conditions. No subsurface testing or remote sensing is proposed. Field activities will be recorded through digital photography, the taking of notes in field notebooks and the annotation of base topographic mapping. We request the assistance of the client in gaining access to the project site and buildings through provision of an explanatory letter of introduction.

**3. *Analysis and Report:*** All data gathered in the field will be analyzed with reference to the background research information gathered during these investigations. A technical report (approximately 20 pages of text plus graphics and appendices) will be prepared that will detail the developmental history of the project site, with particular attention being given to placing the dam within the overall historical context of the Stony Brook drainage. Potentially significant architectural properties over 50 years old that could be impacted by the project will be identified and characterized, and NJHPO intensive-level architectural survey forms will be completed. The likely project effects on National Register eligible or potentially National Register eligible historic architectural and archaeological resources will be preliminarily assessed. Areas of archaeological sensitivity (i.e., those parts of the project zone areas that are considered likely to hold substantially intact below-ground cultural deposits and therefore merit further investigation or monitoring prior to or during the project action) will be indicated on project maps. Recommendations will also be offered, as appropriate, concerning the need for further cultural resource study that will specifically detail the nature and focus of any proposed historic architectural or archaeological investigations.

Graphics will be included that show the locations of cultural resources. Topographic base mapping (supplied by the client) will be included on to which will be overlaid the project site boundaries, existing conditions information, the locations of historic features (extrapolated from historic maps), areas of archaeological potential and details of any surface archaeological remains discovered. Reproductions of historic images (maps and photographs) will also be appended as appropriate. Hunter Research will supply the client with three copies (and a PDF) of a draft technical report and three copies (and a PDF) of a final revised report, incorporating comments, as necessary, from the client.

***Schedule:*** Under our current work load we can complete this study within six to eight weeks from receipt of notice to proceed to submission of a draft report.

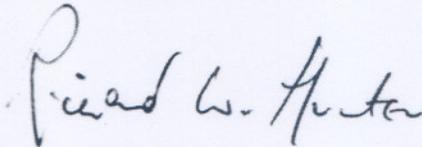
Hunter to Lewandoski, May 19, 2014, page 3 of 3

Richard Hunter, one of the firm's Principals, will direct the survey. The bulk of the research and fieldwork will be undertaken by Patrick Harshbarger, Principal Architectural Historian/Historian (who will be the principal point of contact) and James Lee, Principal Investigator. If you require further information about our firm, please visit our web site [www.hunterresearch.com](http://www.hunterresearch.com).

Please note that Hunter Research staff is very familiar with this Princeton location, having previously undertaken cultural resource studies of the U.S. Route 206 corridor for the New Jersey Department of Transportation in 1988-90 and through research on the Battle of Princeton in 2004. We have conducted numerous other historical and archaeological studies in the immediate Princeton area over the past 25 years and have particular expertise in historic dams and Revolutionary War sites.

A cost proposal is enclosed separately. Please feel free to call me if you have questions about our proposed approach to this work.

Yours sincerely,

A handwritten signature in cursive script that reads "Richard W. Hunter". The signature is written in dark ink and is positioned below the "Yours sincerely," text.

Richard W. Hunter  
President

encl.

**IMPROVEMENTS TO THE D'AMBRISI DAM  
PRINCETON, MERCER COUNTY, NEW JERSEY  
BLOCK 9902, LOT 9  
PHASE IA CULTURAL RESOURCE SURVEY  
TIME AND COST ESTIMATE**

**LABOR**

	<b>Hours</b>	<b>Loaded Rate</b>	<b>Cost</b>
<b>1. Background Research</b>			
Principal Historian/Architecural Historian	8.00	\$90.00	\$720.00
Historian	28.00	\$50.00	\$1,400.00
<b>Totals</b>	<b>36.00</b>		<b>\$2,120.00</b>
<b>2. Field Investigations</b>			
Principal Investigator	4.00	\$90.00	\$360.00
Principal Historian/Architectoral Historian	4.00	\$90.00	\$360.00
<b>Totals</b>	<b>4.00</b>		<b>\$720.00</b>
<b>3. Analysis and Report</b>			
Principal	4.00	\$135.00	\$540.00
Principal Investigator	20.00	\$90.00	\$1,800.00
Principal Historian/Architectoral Historian	20.00	\$90.00	\$1,800.00
Historian	6.00	\$50.00	\$300.00
GIS Specialist	16.00	\$55.00	\$880.00
Graphic Specialist	16.00	\$45.00	\$720.00
<b>Totals</b>	<b>82.00</b>		<b>\$6,040.00</b>
<b>TOTAL LABOR</b>	<b>122.00</b>		<b>\$8,880.00</b>
<b>EXPENSES</b>			
Travel	132 miles @	\$0.550	\$72.60
Printing and Binding			\$25.00
<b>TOTAL EXPENSES</b>			<b>\$97.60</b>
<b>TOTAL COST</b>			<b>\$8,977.60</b>

## Notes:

1. Excludes attendance at meetings which will be billed on a time and materials basis using the rates shown above.



**Richard Grubb & Associates, Inc.**  
***Cultural Resource Consultants***

*DBE/WBE/SBE Certified*

email: [mail@richardgrubb.com](mailto:mail@richardgrubb.com) • [www.richardgrubb.com](http://www.richardgrubb.com)

May 19, 2014

Christine M. Lewandowski, PP, AICP  
Historic Preservation Officer/Deputy Zoning Officer  
Department of Zoning and Historic Preservation  
400 Witherspoon Street  
Princeton, NJ 08540

Re: Proposal, Phase IA Archaeological Survey and Intensive-Level Historic Architectural Survey,  
Improvements to D'Ambrisi Dam, Block 9902, Lot 9, Municipality of Princeton, Mercer County, NJ

Dear Ms. Lewandowski:

Richard Grubb & Associates (RGA) is pleased to submit this proposal for a Phase IA archaeological survey and intensive-level historic architectural survey for the referenced project. RGA understands that the project includes improvements to a dam on the D'Ambrisi tract (Block 9902, Lot 9) in the Municipality of Princeton, Mercer County. The D'Ambrisi tract is a 4.62-acre parcel lying southeast of U.S. Route 206. The improvements consist of the removal of debris, an existing fence post and fence, and several trees, as necessary, and repairs to the dam that carries a driveway over a tributary to Stony Brook. Specific structural improvements include repairs to the existing north side wing wall and the construction of a new south side wing wall.

It is the understanding of RGA that the State of New Jersey, Department of Environmental Protection (NJDEP), County of Mercer, and Friends of Princeton Open Space have acquired Block 9902, Lot 9. Princeton has entered into an agreement with the referenced agencies by which the municipality has agreed to fund the repair of the dam on the D'Ambrisi tract. It is further the understanding of RGA that a Freshwater Wetlands (FW) permit (NJAC 7:7A) is required for the dam repair project. According to the FW rules archaeological and architectural resources eligible for listing on the New Jersey and National Register's of Historic Places must be identified in order to determine if the project will have an effect on such resources. In a review letter dated April 30, 2014, the New Jersey Historic Preservation Office (HPO) indicated that the property is proximate to three historic districts listed on the New Jersey and National Registers of Historic Places: Princeton Battlefield State Park, Princeton Battlefield/Stony Brook Village Historic District, and the Kings Highway Historic District. Further, the tract was associated with the Battle of Princeton, and has the potential to contain graves of British soldiers. The project area contains well-drained soils in proximity to the Stony Brook which are favorable for prehistoric occupation. The HPO also required further information on the dam, such as research on its age and construction, and a description of the structure in order to evaluate its significance and assess effects, therefore, the HPO required the completion of a Phase IA archaeological survey and intensive-level historic architectural survey.

Pennsylvania  
PMB 301 • 3440 Lehigh Street  
Allentown, Pennsylvania 18103  
610-435-4525 • fax: 610-821-7988

New Jersey, Headquarters  
259 Prospect Plains Road • Building D  
Cranbury, New Jersey 08512  
609-655-0692 • fax: 609-655-3050

Maryland  
PMB 157 • 861 Washington Avenue  
Chestertown, Maryland 21620  
410-420-7422

### **Phase IA Archaeological Survey**

The purpose of the Phase IA archaeological survey is to assess the potential for significant archaeological resources in the project area. The results of the survey will be presented in a report that meets the archaeological survey and reporting guidelines of the HPO. The archaeologist will meet the Secretary of the Interior's Professional Qualifications and Standards for Archaeology (36 CFR Part 61). This work will be sufficient to initiate consultation with the HPO.

The following tasks will be completed for the Phase IA archaeological survey:

- Background research on archaeological sites in the project area and vicinity at the HPO, New Jersey State Museum, and regional and local repositories. A one mile search radius will be implemented. Based on this research, RGA will determine if recorded sites are present or absent in the project area.
- Background research at the HPO to review National Register files, historic sites inventories, and cultural resources reports conducted within and in the vicinity of the project area. A 0.5-mile search radius will be implemented.
- A review of historic atlases and maps and documents at the New Jersey State Library and regional and local repositories.
- A review of existing environmental conditions and landscape modifications within the project area which could affect the preservation of historic and prehistoric archaeological resources.
- A site visit/visual inspection of the project area by the senior archaeologist to document existing conditions.
- An assessment of project effects on areas of sensitivity for archaeological resources.
- A report detailing the results of the Phase IA archaeological survey that will include management recommendations regarding the need for a further archaeological survey or no further survey.

No archaeological testing is included in this scope of work. A Phase IB archaeological survey and/or archaeological monitoring, if necessary, would constitute an additional service.

### **Intensive-level Historic Architectural Survey**

The intensive-level historic architectural survey will consist of the following tasks:

- Review of deeds and titles for the property, including records at the NJDEP-Dam Safety. The purpose of this research is to gain information on the age of the dam. Background research will also investigate whether the dam was an impoundment dating to the late 19<sup>th</sup> century or potentially earlier.

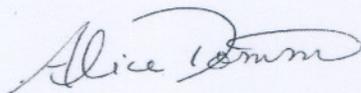
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- A site visit by an architectural historian to conduct detailed photographic documentation of the dam. Field notes on the material and structural design of the dam will be taken. It is the understanding of RGA that cut stone debris may be associated with the dam.
- An evaluation of the National Register eligibility of the dam.
- Preparation of an intensive-level architectural survey form for submission to the HPO.

The architectural historian will meet the Secretary of the Interior's Professional Qualifications and Standards for Architectural History (36 CFR Part 61).

Please contact Paul McEachen at 609-655-0692, ext. 309 or Richard Grubb at ext. 320 if you have any questions. We look forward to working for the Municipality of Princeton.

Very truly yours,



Alice Domm  
Chief Executive Officer

AD:pm



