

November 26, 2024



**SENT VIA EMAIL ONLY**

Kevin Tollisen  
Town Supervisor  
Town of Halfmoon  
2 Halfmoon Town Hall Plaza  
Halfmoon, NY 12065  
Email: ktollisen@townofhalfmoon.org

Re: Erie Canal Towpath Trail Link  
Town of Halfmoon, NY  
MJ Project No. 1826

**Supplemental Proposal for Phase 1A/1B Archaeological Survey**

Dear Supervisor Tollisen,

MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C. (MJ) is pleased to provide The Town of Halfmoon (Town) this proposal for additional professional services associated with the Erie Canal Towpath Trail Link (Project). The project will include a combination of off-road and on-road trail segments along Towpath Road / Old Canal Road in the Town. MJ's project understanding and associated Scope of Services are included below.

**PROJECT UNDERSTANDING**

Based upon the project scope of work and requirements set forth by the New York State Historic Preservation Office (NYSHPO), MJ understands the following:

- The project includes the design of 1,925 linear feet of an 8'-0" multi-use path and 2,250 linear feet of shared use lanes, including road markings, traffic and wayfinding signage, crosswalks, and stone bollards.
- The project is funded through the New York State Department of Environmental Conservation (NYSDEC)'s Climate Smart Communities Grant (CSCG) program with the Town responsible for 50% of the funding.
- The project is located within an archaeologically sensitive area.
- NYSHPO's Archaeology Unit has determined that Phase 1A/1B archeology survey is warranted for this project as archaeological deposits may exist below the proposed roadside path alignment. A 36 CFR 61 qualified archaeologist should be retained to conduct the survey.

Based upon the above understanding, MJ offers the following Scope of Services for your consideration.

**SCOPE OF SERVICES**

**Task 01: Phase 1A Literature Review and Sensitivity Assessment**

1. Review the CRIS database to identify previously recorded archaeological sites located within or immediately adjacent to the Project.



2. Review of the National Register of Historic Places and CRIS inventory of previously identified historic-architectural resources, to determine if any historic structures are located adjacent to the Project.
3. Identification and review of previous cultural resources survey reports conducted in the vicinity of the Project.
4. Review of historical research materials, with particular emphasis on historic cartographic resources.
5. Review of available Information regarding previous construction, buried utilities, and other documented ground disturbance within the proposed area of potential effect (APE).

**Task 02: Phase 1B Archaeological Field Investigation**

1. The location of the APE near the Erie Canal necessitates deeper shovel tests than normal for the detection of intact, subsurface archaeological deposits, per the New York Archaeological Council (NYAC) Standards.
2. Shovel tests will be approximately 18 inches in diameter and excavated to an approximate depth of one meter below the surface to test for deeply buried cultural horizons. Notes describing soil stratigraphy, recording whether any artifacts were recovered, and any other relevant observations will be recorded on standardized field forms. All soils excavated from shovel tests will be screened through quarter-inch hardware cloth.
3. The locations of all shovel tests and/or archaeological finds will be recorded with professional grade GPS equipment.
4. The Phase 1B field work is anticipated to require up to two days by a team of two archaeologists and will be completed during a single mobilization.

**Task 03: Artifact Identification**

1. In the event that artifacts are observed or recovered, staff will record standard provenance information in the field and collect each artifact (or a representative sample) in sealed plastic bags per standard archaeological field practices.
2. All recovered materials will be washed, dried, and cataloged per standard archaeological laboratory procedures to prepare an artifact inventory for inclusion in the Phase I report.
3. The presence of materials such as coal, cinder, brick, and modern materials will be noted but these materials will not be recovered for further processing or analysis.

**Task 04: Phase 1A/1B Archaeological Survey Report**

1. The results of the Phase I archaeological survey will be presented in an illustrated report prepared in accordance with the NYSHPO Guidelines. The report will include descriptions of the methods and results of the survey, descriptions of any archaeological sites discovered during the survey, and appropriate maps depicting all archaeological survey and site locations. The report will also include appropriate recommendations to assist the project to avoid, minimize, or mitigate impacts to archaeological sites in a cost-effective and efficient manner.



2. A draft copy of the report will be provided to the Town in digital format for one round of review and comment. The final revised report will be provided in digital format.

**ASSUMPTIONS**

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The following assumptions were made in the development of this proposal:

1. The Town will coordinate any necessary access to the property.
2. Subsurface testing will involve the excavation of approximately 23 shovel tests throughout the 1.3-acre APE.
3. No more than 25 artifacts requiring laboratory processing will be recovered.
4. No more than one archaeological site requiring description in the Phase I survey report will be identified.
5. No human remains will be identified in the Phase IB field work.
6. Deep-testing that requires mechanical equipment will not be necessary for the Phase I survey.
7. For the purposes of health and safety, staff will not conduct archaeological surveys in areas which are actively—or were recently—being treated with chemical fertilizers, manure, herbicides, and/or pesticides.
8. Archaeological field work will not be conducted during conditions when the ground is frozen or snow-covered.

**TASKS NOT INCLUDED IN THIS PROPOSAL**

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The following efforts are excluded from this scope of services:

1. Any additional (Phase II or III) field work that may be necessary for archaeological sites identified in the Phase I field work is not included in this proposal.

**SCHEDULE**

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The outlined tasks will be performed within the following durations:

<b>Description</b>	<b>Completion</b>
Task 1 – Phase 1A Literature Review and Sensitivity Assessment	1 week after authorization
Task 2 – Phase 1B Archaeological Field Investigation	2 weeks after authorization
Task 3 – Artifact Identification	2 weeks after authorization
Task 4 – Phase 1A/1B Archaeological Survey Report	2 weeks after Tasks 2&3



The schedule assumes there are no significant changes or delays resulting from decisions, conditions and/or events beyond MJ's control.

**FEE**

MJ received two (2) bids for the above-listed services and is recommending the lowest responsible bidder, Powers Archaeology LLC. MJ proposes to complete the above-listed services for the following fees.


<b>Description</b>	<b>Billing Type</b>	<b>Fee</b>
Phase I (IA & IB)	Lump Sum	\$ 4,323
Subconsultant Management & Coordination	Lump Sum	\$ 500
<b>Total Fee for Supplemental Services</b>		<b>\$ 4,823</b>
Original Contract Lump Sum Total		\$ 101,700
<b>Total Contract Lump Sum Total</b>		<b>\$ 106,523</b>

MJ will invoice the **Town** in accordance with the contract requirements. The fee assumes there are no significant changes resulting from decisions, conditions and/or events beyond MJ's control.

**SUMMARY**

Thank you for the opportunity to provide a proposal for this project. If the above scope of work is acceptable, please execute and return the Authorization to Proceed below in accordance with the Master Services Agreement between MJ and the **Town**. We look forward to the opportunity to continue to work with you on this project. Please do not hesitate to contact Lisa Wallin at 518-371-0799 or via email at [lwallin@mjteam.com](mailto:lwallin@mjteam.com) if you have questions or require additional information.

Sincerely,

  
 Michael D. Panichelli, P.E.  
 President

Cc: Lisa Wallin, Associate / Highway Group Manager  
 Lyn Murphy, Town Attorney  
 Richard Harris, Coordinator – Building, Planning, and Development  
 File



**AUTHORIZATION TO PROCEED**

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In accordance with the Consultant Master Services Agreement dated **March 26, 2024** between MJ and the Client, I hereby authorize MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C. to proceed with the scope of services as described above.

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

DRAFT

**Proposed Scope of Work and Lump Sum Budget Estimate for  
Phase I (IA and IB) Cultural Resource Investigations for the  
Proposed Halfmoon Erie Canal Towpath Trail Link Project,  
Town of Halfmoon, Saratoga County, New York**

NYSOPRHP Review # 24PR05524

NYSDEC Project No. C01812

MJ Project No. 1826

Prepared For

MJ Engineering, Architecture,  
Landscape Architecture, and Land Surveying, P.C.  
21 Corporate Drive  
Clifton Park, NY 12065

November 7, 2024

By

Powers Archaeology LLC  
180 Avon Road  
Rochester, NY 14625  
Ph: (585) 266-4180  
Email: [paul@powersarchaeology.com](mailto:paul@powersarchaeology.com)  
[www.powersarchaeology.com](http://www.powersarchaeology.com)

## INTRODUCTION

This proposal has been prepared by Powers Archaeology LLC as requested by Ms. Megan Bacon, P.E. of MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C. The proposed Halfmoon Erie Canal Towpath Trail Link Project will consist of Phase I (Phase IA and IB) Cultural Resource Investigations. The proposed project encompasses the development of a multi-use path on the north side of Towpath Road / Old Canal Road, from Clamsteam Road to Beach Road, within the town of Halfmoon, Saratoga County, New York. According to MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C., the area that will be impacted and requiring archaeological survey encompasses approximately 1.3 acres / .53 hectares along the north side of Towpath Road / Old Canal Road from Clamsteam Road to approximately 0.4 miles / .64 kilometers east of the intersection, as well as the corners of the intersection of Towpath Road / Old Canal Road and Beach Road (Attachment 1). Therefore, approximately 1.3 acres / .53 hectares are considered the Area of Potential Effect (APE). The proposed scope of work for Phase I Cultural Resource Investigations includes background research, field reconnaissance, and archaeological testing.

## METHODOLOGY

Phase I Cultural Resource Investigation will be conducted by a qualified 36 CFR 61 Archaeologist, serving as Principal Investigator for the proposed project. A staff of highly qualified archaeological technicians and historic consultants will assist the Principal Investigator with Phase IA research and Phase IB fieldwork.

The Phase IA Cultural Resource Investigation of the proposed project will require the examination of archaeological, environmental, and historic literature pertinent to the project area. The primary objective of this research is to identify any recorded and potential historic and/or archaeological resources within the proposed project area, as well as determining the level of archaeological sensitivity. Phase IA investigations of the project area include an archaeological records check utilizing the New York State Office of Parks, Recreation and Historic Preservation (NYSOPRHP) Cultural Resource Information System (CRIS), an examination of historical maps and atlases, a review of documents reporting prior disturbance within the project area, an on-site field observation/inspection to determine areas of prior disturbance and cultural sensitivity, a review of historical structures deemed potentially eligible or already listed on the State or National Register of Historic Places, the photo documentation of structures 50 years and older where permanent landscape alterations will occur, and the completion of a report explaining the results of the archaeological investigations.

The Phase IB Cultural Resource Investigation of the proposed project will consist of two parts: first the actual field investigations, and subsequently, data interpretation and report preparation. Cultural material recovered during the Phase IB field investigation will be analyzed. *A cost estimate for artifact processing will be provided prior to the initiation of lab work.* The laboratory work entails the cleaning, identification, cataloging, and housing of the cultural material in accordance to professional and legal standards. All notes, photographs, maps, and cultural material associated with the Phase IB work will be the property of Powers Archaeology LLC, unless different arrangements are made prior to the authorization to proceed. The final Phase I report for MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C. will contain the results of the sensitivity assessment, field investigations, along with the data analysis.

The strategy for Phase IB field investigations will involve subsurface testing the APE. In accordance with the Request for Proposal (RFP) issued by MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C. subsurface testing will involve the excavation of approximately 23 shovel tests throughout the 1.3-acre / .53-hectare APE. The shovel tests will be excavated by hand and will measure 18-in / 46-cm in diameter. Given the close proximity of the Erie Canal, shovel tests will be excavated to a depth of 39-in / 1-m below the surface in order to examine any potential deeply buried cultural horizons when possible. Shovel test units are plotted at 50-ft / 15-m intervals along linear transects. Additional shovel tests may be placed at a 25-ft / 7.5-m within areas of higher archaeological potential, as required by the NYSOPRHP. Should relevant cultural material be identified during a single shovel test unit, additional tests may be excavated around each artifact location to determine its archaeological context. Transects are oriented with a magnetic compass and are paced out depending on the project area field conditions. All shovel tests and

archaeological site locations will be recorded using professional grade GPS equipment. Excavated soils will be screened, and any recovered artifacts will be bagged by level of provenience and matrix. At the end of each field day, data collected will be reviewed. The documentation of field conditions, disturbance, and evidence of any structural foundations will be accomplished by photography.

In addition to the archaeological site file search, literature research, fieldwork and data analysis, the final report will include project maps and photographs that are in support of the conclusions presented by the report. The final report will offer any recommendations for following Phase II investigations if necessary. The Phase I Cultural Resource Investigation Report will be prepared in accordance with report standards approved by the NYSOPRHP and will be submitted to the NYSOPRHP unless otherwise directed. Any sites located within the project boundaries will be recorded and reported to the NYSOPRHP.

### INSURANCE

In addition to rigorous certification and education qualifications, Powers Archaeology LLC is sure to not only carry the proper insurance required but generally exceeds the minimum requirements. Please contact Powers Archaeology LLC for more information.

### PROJECT STIPULATIONS

- A. MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C. is responsible for determining the project area and boundaries.
- B. MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C. is responsible for providing any and all information pertinent to the project that is possessed by the MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C. and its agents, including comments from relevant state and federal agencies.
- C. This Phase I Cultural Resource Investigation proposal is based on all the information provided to Powers Archaeology LLC by Continental Place Inc., on behalf of MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C. *Should any changes be made in the nature of the project, Powers Archaeology LLC reserves the right to revise the present project proposal and budget estimate.*
- D. It is understood that the budget(s) provided include any and all consultations with NYSOPRHP, NYDEC, and any other relevant agencies.
- E. The proposed budget estimate *does not* include a laboratory budget. Should there be a need for laboratory processing, a cost estimate will be provided by Powers Archaeology LLC for MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C.. *Powers Archaeology LLC does not charge for the processing of 25 or fewer artifacts.*
- F. MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C. understand that archaeological survey is weather dependent, and that fieldwork completion and report delivery may be delayed because of adverse weather conditions. Powers Archaeology LLC will notify MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C. if weather delays fieldwork completion.
- G. If MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C. choose to have Powers Archaeology LLC complete the Phase I Cultural Resource Investigations work for the proposed Halfmoon Erie Canal Towpath Trail Link Project, **a signed authorization form or contract must be received for work to proceed.** A final invoice will be issued at the completion of the final report. Prompt payment is appreciated.



Proposed Scope of Work and Lump Sum Budget Estimate for  
Phase I (IA and IB) Cultural Resource Investigations for the  
Proposed Halfmoon Erie Canal Towpath Trail Link Project,  
Town of Halfmoon, Saratoga County, New York

**Summary:**

Phase I Labor and Report Total: \$3,492.00

Reimbursable Expenses:

Mileage @ \$.67 / mile, approx. 500 miles \$335.00

Hotel Cost @ \$130, 2 units \$260.00

Meals (M & IE) @ \$59.00, 4 units \$236.00

Phase I (IA and IB) Lump Sum Total: \$4,323.00

If you choose to have Powers Archaeology LLC proceed with this project, please sign below,  
email or mail a copy of this page to:

Powers Archaeology LLC  
180 Avon Road  
Rochester, NY 14625  
paul@powersarchaeology.com

All terms and conditions of this agreement are set out and no other conditions, promises, or  
representations are made. The undersigned have reviewed this proposal and budget, and verify  
the content reflects the terms and conditions implied within. By signing below, authorization  
has been provided.

Authorized Representative

Signature \_\_\_\_\_

Date: \_\_\_\_\_

Title: \_\_\_\_\_

MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C.

**Powers Archaeology LLC**  
 180 Avon Road  
 Rochester, NY 14625

Telephone # 585-266-4180

pauk@powersarchaeology.com

**Budget Estimate**

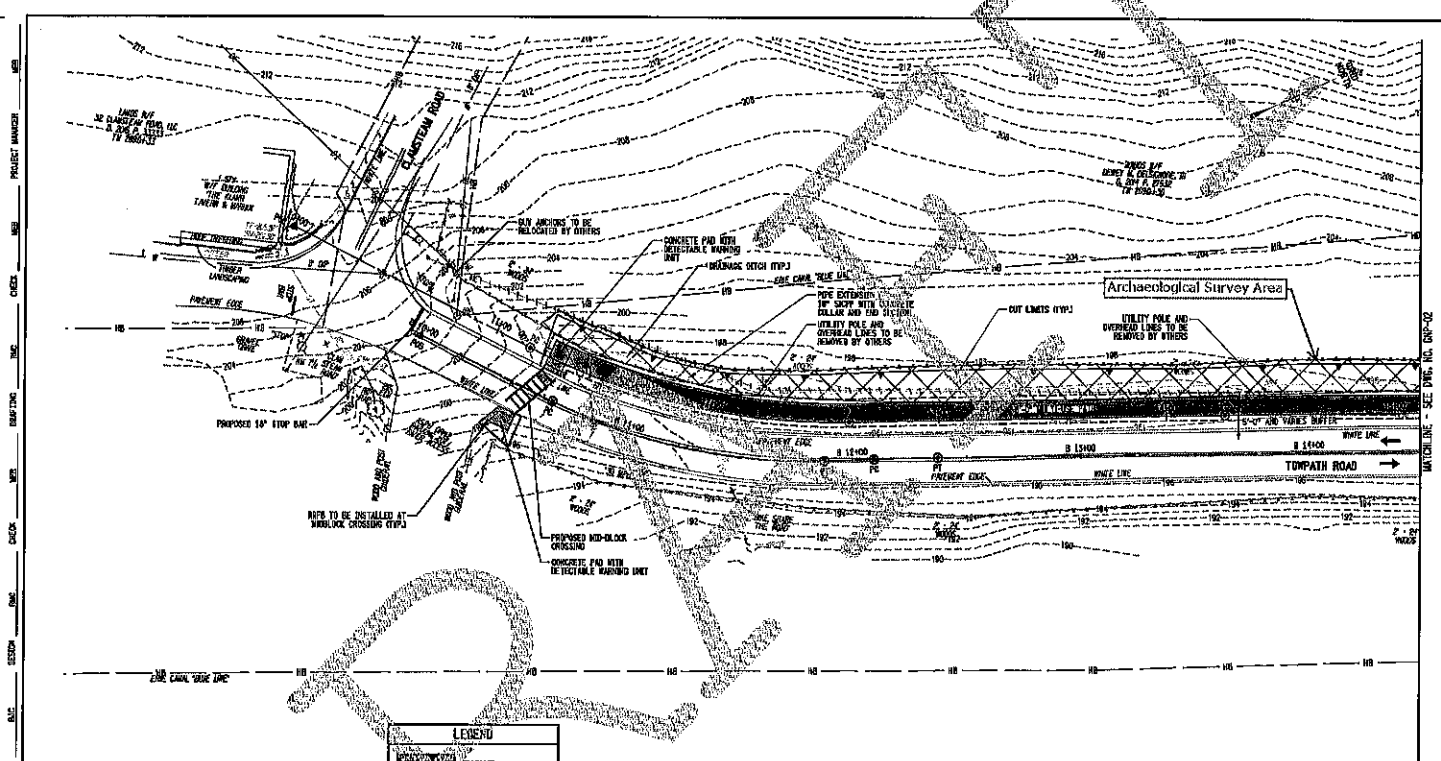
Budget Estimate for Phase I (IA and IB) Cultural Resource Investigations for the  
 Proposed Halfmoon Erie Canal Towpath Trail Link Project, Town of Halfmoon, Saratoga County, New York

<u>Personnel Costs</u>	<u>Billing Rate</u>	<u>Hours Allocated</u>			<u>Totals</u>	<u>Individual Totals</u>
		Field	Lab	Report		
Principal Investigator	\$42.00	0.0	0.0	16.0	16.0	\$672.00
Field/Lab Supervisor	\$28.00	16.0	0.0	56.0	72.0	\$2,016.00
Crew Chief	\$24.00	0.0	0.0	16.0	16.0	\$384.00
Field/Lab Technicians	\$21.00	16.0	0.0	4.0	20.0	\$420.00
<b>Personnel Subtotal</b>						<b>\$3,492.00</b>
<u>Miscellaneous</u>	<u>Billing Rate</u>	<u>Units</u>				
Vehicle Costs	\$0.670 / mile	500				\$335.00
Hotel Cost	\$130.00	2				\$260.00
Per Diem	\$59.00	4				\$236.00
<b>Project Total</b>						<b>\$4,323.00</b>

Attachment 1  
Project Plans Provided by  
MJ Engineering, Architecture, Landscape Architecture, and Land Surveying, P.C.

DRAFT

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 USER: jmorris@mj



**30% PLANS**

DESIGNER	DATE
CHECKER	DATE
APPROVED	DATE

**LEGEND**

- Proposed Multiple Path
- Proposed Clearing Limits
- Plan is Metric



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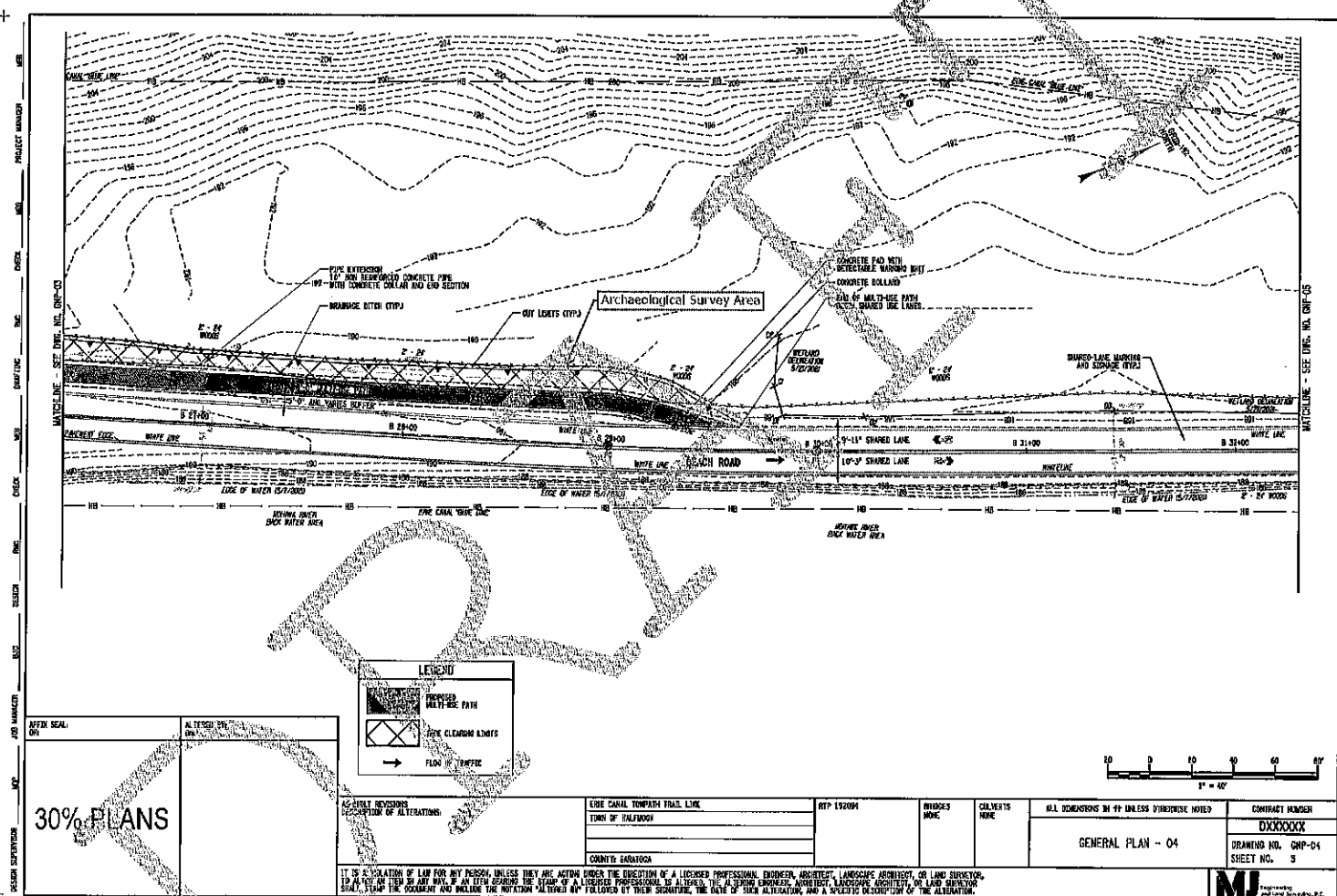
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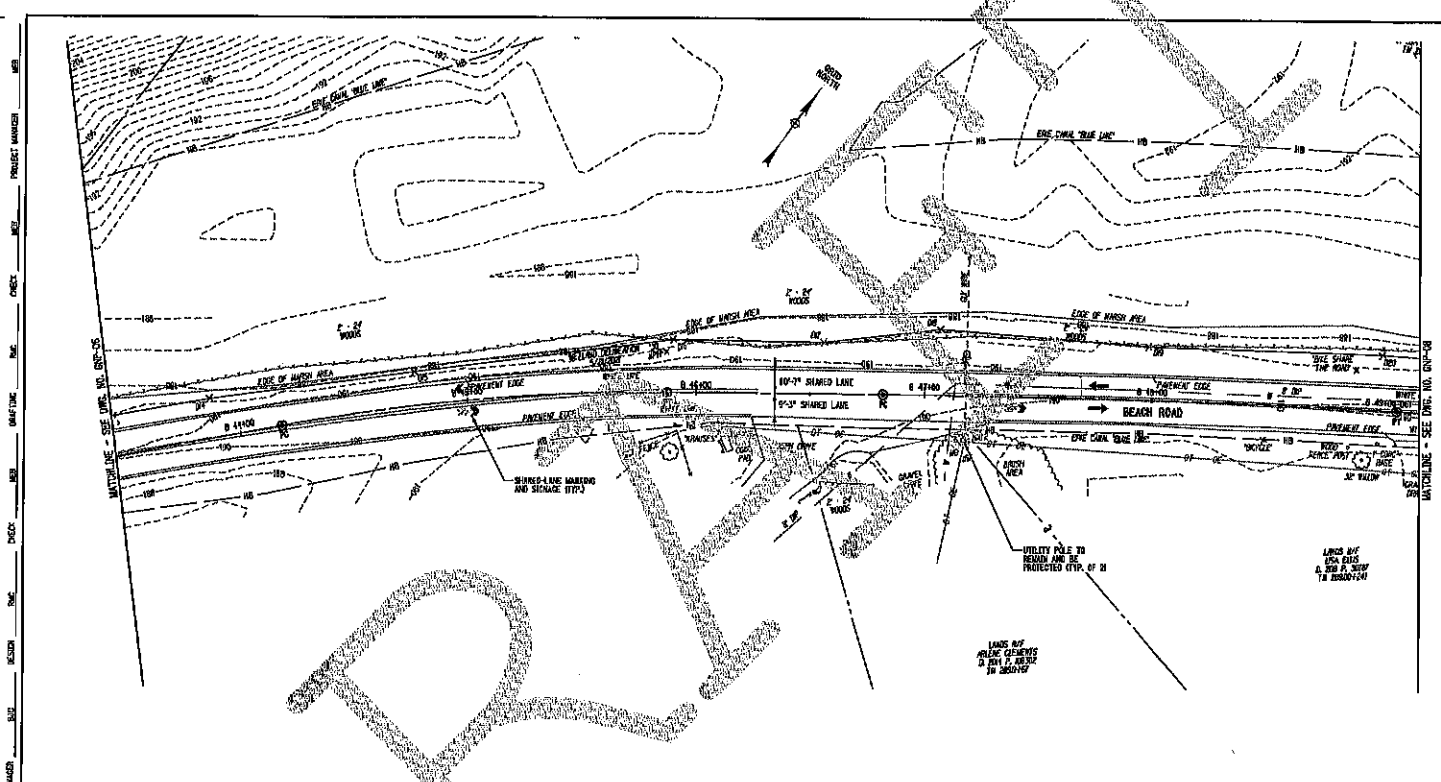
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 MATCHLINE - SEE DRG. NO. GWP-05







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**LEGEND**  
 → FLOW OF TRAFFIC

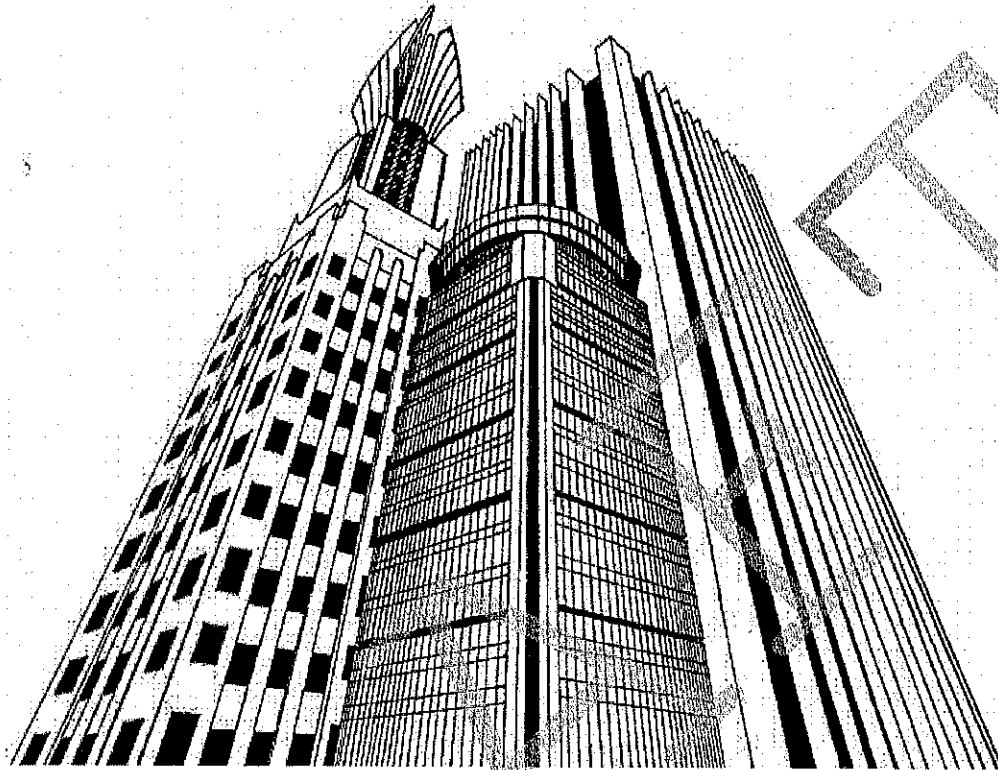
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IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER IN ANY MANNER OR BEHOLDING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO SIGN, SEAL, STAMP, OR INITIAL ANY DRAWING OR SPECIFICATION, OR TO SIGN, SEAL, STAMP, OR INITIAL ANY DRAWING OR SPECIFICATION, OR TO SIGN, SEAL, STAMP, OR INITIAL ANY DRAWING OR SPECIFICATION, OR TO SIGN, SEAL, STAMP, OR INITIAL ANY DRAWING OR SPECIFICATION.

GENERAL PLAN - 07	DRAWING NO. GNP-07 SHEET NO. 2
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# **POWERS ARCHAEOLOGY LLC**

*"Building the future on understanding our past."*

Powers Archaeology LLC  
180 Avon Road  
Rochester, NY 14625  
(585) 266-4180  
[www.powersarchaeology.com](http://www.powersarchaeology.com)

## COMPANY PROFILE

Formed in January of 2002, Powers Archaeology LLC is one of New York State's premier Cultural Resource Management firms. Based in Rochester, New York, we have built upon a reputation of providing professional, efficient, and reliable service, working with a range of clients including private developers, engineers, architects, non-profits, and municipal, state, and federal agencies. Powers Archaeology LLC has completed hundreds of projects since its inception.

### Office Location:

Powers Archaeology LLC  
180 Avon Road  
Rochester, NY 14625  
Ph: (585) 750-5056  
Email: paul@powersarchaeology.com

## SERVICES PROVIDED

Services provided by Powers Archaeology LLC include:

- Archaeological Resource Consultation
- Phase I, II, and III Archaeological Studies
- Geoarchaeological / Geomorphological Studies
- Archaeological Monitoring
- Archaeological Records Checks
- Historic Research
- Assistance with Section 106 Compliance
- Assistance with SEOR Compliance
- Consultations with the State and Federal Agencies
- Consultations with Tribal Nations and Tribal Historic Preservation Offices
- Interpretive Sign Design

## POWERS ARCHAEOLOGY LLC QUALIFICATIONS

All Principal Investigators at Powers Archaeology LLC meet the qualifications derived from federal regulations 36 CFR 800 and as outlined by the New York Archaeological Council (NYAC) and the New York State Office of Parks, Recreation, and Historic Preservation (NYSOPRHP). Principal Investigators possess a minimum of a master's degree in archaeology or associated field experience. Geoarchaeologists possess a minimum of a master's degree in soil science and experience conducting archaeological surveys. Field Supervisors possess no less than a bachelor's degree in archaeology or related field, as well as a minimum of 5 years of field experience. Crew Chiefs hold a bachelor's degree and have two or more years of field experience, while all other staff, such as field technicians, are required to have a bachelor's in archaeology or related field. Currently, Powers Archaeology LLC employs two Principal Investigators, two Field Supervisors, one Crew Chief, and six Archaeological / Research Technicians. As is often the case in Cultural Resource

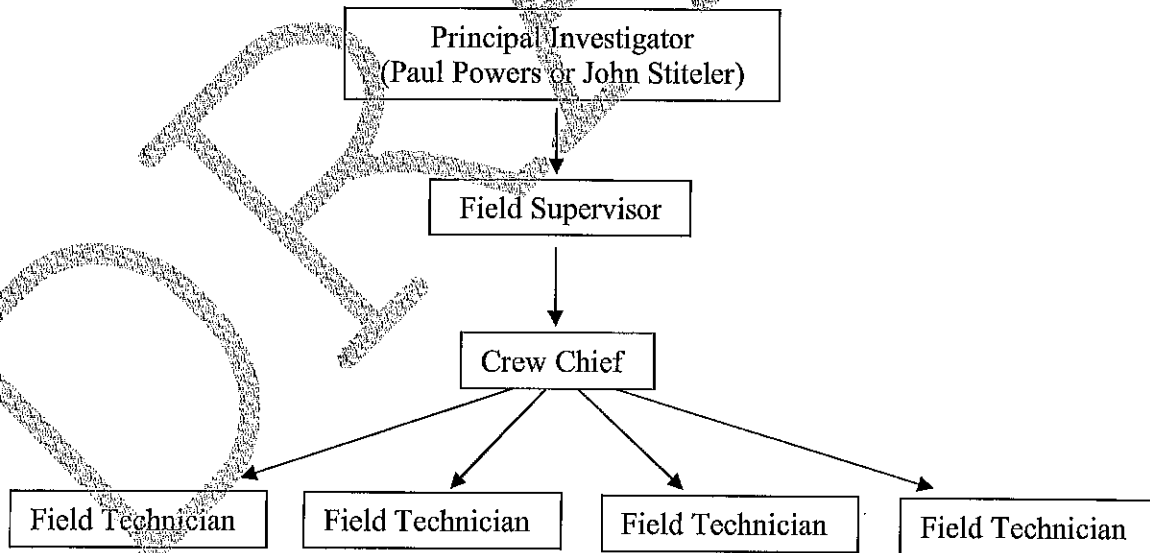
Management, we also draw from a pool of freelance archaeological technicians and architectural historians when project conditions necessitate. These freelance technicians and historians meet the minimum standards outlined above or established by the New York State Office of Parks, Recreation, and Historic Preservation. Powers Archaeology LLC has worked throughout the entirety of New York State (excluding the New York City metro area), in various settings from simple, straight-forward excavations in farm fields to complex urban settings with deeply disturbed soils.

Over the last two decades, Powers Archaeology LLC has had the opportunity to work with many agencies, including a vast number of municipalities, state agencies (NYSDOT, NYSOPRHP, DASNY, NYSED, NYSERDA), federal agencies (USACE, USDA, NRCS, FWS), as well as numerous tribal nations (Seneca Nation of Indians, Tonawanda Band of Seneca Indians, Oneida Nation, Onondaga Nation, St. Regis Mohawk Tribe). We have an exceptional success rate, with a 99% acceptance rate (including no impact letters and/or acceptance of recommendations for further work) from the NYSOPRHP and other agencies.

### RELEVANT SENIOR STAFF

The following Powers Archaeology LLC senior staff members are current team leaders / principal investigators:

Mr. Paul Powers  
Mr. John Stiteler



## **PROJECT EXECUTION**

Powers Archaeology LLC maintains high quality and efficiency by enacting strict quality control measures. Quality control begins prior to the commencement of fieldwork, with extensive background research and the preparation of a strategy for fieldwork. The implementation of the fieldwork strategy is overseen by the Principal Investigator. Field notes are reviewed throughout the day, and at the end of each field day. The Field Supervisor or Principal Investigator plots work completed on project maps at the end of each field day to maintain continuity within the project, and to ensure that all testable areas of the project area are addressed. Lab work is overseen by the Principal Investigator or Field / Lab Supervisor. Vigilant oversight by the Principal Investigator follows through the report writing process. All Cultural Resource Investigation reports completed by Powers Archaeology LLC are prepared in accordance with report standards approved by the New York Archaeological Council, NYSDOT, and the NYSOPRHP.

## **INSURANCE**

In addition to the rigorous certification and education qualifications, Powers Archaeology LLC is sure to not only carry the proper insurance required but generally exceeds the minimum requirements. More information is available upon request.

DRAFT

## PROJECTS COMPLETED

Powers Archaeology LLC has completed hundreds of projects since its inception. The following list provides a brief look at a few select projects since 2019. A more extensive list can be provided upon request.

- 2019 Phase I (IA & IB) Cultural Resource Investigation for the CR 41 and SR 444 Gas Improvements Project, Town of Victor, Ontario County, New York
- 2019 Phase I Cultural Resource Investigations for the Proposed Dansville CSD 2019 Capital Improvement Project, Village of Dansville, Livingston County, New York
- 2020 Phase IA and IB (Phase I) Cultural Resource Investigations for the Proposed Mill Road Solar Project, Town of Clermont, Columbia County, New York
- 2020 Phase I (IA and IB) Cultural Resource Investigations for the Proposed Wellesley Island State Park Connectivity Trail Project, Town of Orleans, Jefferson County, New York
- 2021 Phase I (IA and IB) Cultural Resource Investigations for the Proposed Seneca Lake State Park Site Amenities and Camping Improvements Project, Towns of Fayette and Waterloo, Seneca County, New York
- 2021 Phase I (IA and IB) Cultural Resource Investigations for the Proposed Bayview & Glen Haven Leak Prone Polyethylene Gas Distribution Main Replacement Project, Town of Irondequoit, Monroe County, New York
- 2021 Phase I Cultural Resource Investigations for the Proposed Pembroke Solar Array 1 & 2 Project (9MW/39.3 Acres of 47.7 Acre Parcel), Town of Pembroke, Genesee County, New York
- 2021 Phase I Cultural Resource Investigations for the Proposed Pembroke Solar Array 1 & 2 Project (9MW/39.3 Acres of 47.7 Acre Parcel), Town of Pembroke, Genesee County, New York
- 2021 Phase IA & IB Cultural Resource Investigation for the Stuart Road Water Main Replacement Project, Town of Chili, Monroe County, New York
- 2022 Phase IA and IB (Phase I) Cultural Resource Investigations for the Proposed Lazy River Road over Grass River Bridge Replacement Project, Town of Russell, St. Lawrence County, New York
- 2022 Phase I (IA and IB) Archaeological Investigations for the Proposed Herkimer Solar Project, 164 Shells Bush Road, Town of Herkimer, Herkimer County, New York
- 2022 Phase I (IA and IB) Cultural Resource Investigations for the Proposed Great Valley Solar Array Project, Town of Great Valley, Cattaraugus County, New York
- 2023 Phase I (IA and IB) Cultural Resource Investigations for the Proposed Wood Farms Quarry Project, Town of Cape Vincent, Jefferson County, New York
- 2023 Phase I Cultural Resource Investigations for the Proposed Genesee Valley Pump Station and Force Main Project, City of Rochester, Monroe County, New York
- 2023 Phase I (IA and IB) Cultural Resource Investigations for the Flynn Road (County Road 142) Water Main Replacement Project, Town of Greece, Monroe County, New York
- 2023 I (IA and IB) Archaeological Investigations for the Proposed Tebor Road Fairlife Milk "Project Izzo" Development, Town of Webster, Monroe County, New York
- 2023 Phase I (IA and IB) Cultural Resource Investigations for the Proposed Solar Liberty Amsterdam Array Project (2.5 MW AC / 6 Acres of 50 Acre Parcel), Town of Florida, Montgomery County, New York
- 2023 I (IA and IB) Cultural Resource Investigations for the Proposed Pin Oak Drive Development Project, Town of Boston, Erie County, New York
- 2024 Phase I (IA and IB) Cultural Resource Investigations for the Proposed Franklinville Development Project, Town of Franklinville, Cattaraugus County, New York
- 2024 Phase I Cultural Resource Investigations for the National Grid Sonora Way Substation Project, Town of Geneseo, Livingston County, New York
- 2024 Phase IA Cultural Resource Investigations for the Proposed National Grid Packard Huntley 130-133 Reconductoring Project, City of North Tonawanda, Niagara County and Town of Tonawanda, Erie County, New York
- 2024 Phase IA and IB Cultural Resource Investigations for the Proposed National Grid Packard Huntley 130-133 Reconductoring Project, City of North Tonawanda, Niagara County and Town of Tonawanda, Erie County, New York





**JS**

**JOHN STITELER**

SOIL SCIENTIST // GEOARCHAEOLOGIST // ARCHAEOLOGIST

## EXPERIENCE

### GEOARCHAEOLOGIST, ARCHAEOLOGIST, SOIL SCIENTIST

Mr. Stiteler has 40 years experience conducting archaeological fieldwork and 27 years experience conducting research on the soils and geomorphology of archaeological sites. He is currently employed as a geoarchaeological consultant on an as-needed basis by numerous cultural resource management (CRM) and engineering firms in the northeastern US and functions as an archaeological field director on an as-needed basis for two firms. As a geoarchaeologist, he is responsible for analysis of soils and landforms of archaeological sites. The foci of these studies include assessment of landform and land surface stability; interpretation of depositional and erosional environments; determination of age of soils; assistance in interpretation of paleoenvironmental conditions. Mr. Stiteler has participated as an archaeologist or geoarchaeologist in over 500 CRM projects, sponsoring agencies for the projects have included the US Army Corps of Engineers, US Fish and Wildlife Service, Federal Highway Administration, Departments of Transportation of Pennsylvania, New Jersey, New York, and Maryland, the Pennsylvania Turnpike Commission, numerous county, city, and municipal governments and others. He is a US Army veteran (1972-1975 - Vietnam Era, Vietnam Theatre) and is HAZWOPER 40 hr certified.

## EDUCATION

**BA ANTHROPOLOGY • 1985 • PENNSYLVANIA STATE UNIVERSITY**

**MS SOIL SCIENCE • 1997 • PENNSYLVANIA STATE UNIVERSITY**

## PROFESSIONAL AFFILIATIONS

American Quaternary Association

Geological Society of America, Archaeological Geology and Quaternary Geology and Geomorphology Divisions

Middle Atlantic Archaeological Conference

Society for Pennsylvania Archaeology



STITELERJOHN@GMAIL.COM



717-215-7207

**Years Experience:**

25

B.A. Anthropology  
St. John Fisher College  
1997

Graduate Coursework  
Anthropology / World History  
SUNY Brockport  
1999

Technician / Crew Chief  
Rochester Museum and Science  
Center 1998 - 2001

Technician / Crew Chief  
TRC Garrow, Nashville TN Office  
2001 - 2002

Owner / Principal Investigator  
Powers Archaeology, LLC  
f/k/a Powers & Teremy, LLC  
2002 - Present

**Professional Affiliations:**

New York State Archaeological  
Association

Rochester Academy of Science

Lewis Henry Morgan Chapter of the  
New York State Archaeological  
Association

## Paul Powers Owner, Archaeologist

Mr. Powers has over 25 years of experience conducting archaeological surveys and completing cultural resource management reports, including 21 years as the owner and archaeologist of his own cultural resource management firm. He has worked throughout New York State in various settings from simple, straightforward excavations in farm fields to complex urban settings with deeply disturbed soils. Mr. Powers has completed work and generated hundreds of reports for private developers, engineers and architects, as well as municipal, state, and federal agencies.

**Sample of Project Experience**

Phase I (IA and IB) Cultural Resource Investigations for the Proposed Great Valley Solar Array Project, Town of Great Valley, Cattaraugus County, New York

Phase I (IA and IB) Cultural Resource Investigations for the Proposed 13789 Knapp Road National Grid Gravel Pad Project, Town of Newstead, Erie County, New York

Phase I Cultural Resource Investigations for the Proposed Rochester Genesee Regional Transportation Authority Campus Improvements Project, City of Rochester, Monroe County, New York

Phase I and II Cultural Resource Investigations for the Mill Seat Landfill Proposed Action, Town of Riga, Monroe County, New York

Phase II Cultural Resource Investigations for the NYSM 1862, SUBi 138-Loder #1 Prehistoric Site (09543.000006) within the Proposed Residential Housing - Candlewood Court I & II Project, Town of Richmondville, Schoharie County, New York

Phase II & III Cultural Resource Excavation and Data Recovery for the Proposed Hampton Ridge Center Development, Town of Greece, Monroe County, New York

Archaeological Monitoring Report for the Proposed Medical Office, 101-117 W. Dominick Street Project, City of Rome, Oneida County, New York.