

Toe Bone Use
in Cup and Ball
Game

Antler Brow
Tine Chisel

Knife-Shaped
Rib Tool
Vol. 31, No. 1

Spring 2019

PAC Newsletter

PENNSYLVANIA ARCHAEOLOGICAL COUNCIL

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INCOMING PRESIDENT'S MESSAGE

Submitted by: Ira Beckerman

First, let me thank all of you that saw fit to elect me as your incoming President. When I retired in October, I was a little worried that I would be spending more of my time watching daytime TV waiting to shuffle off this mortal coil. Well, I guess not so much.

I would hope that all or most of you would share my vision of PAC as a worthwhile organization that continues to provide professional leadership for archaeology in the Commonwealth. Every professional archaeologist with an interest in Pennsylvania should be a member of PAC. To achieve that goal, we need to engage new professionals and even pre-professionals. But to bring the next generation into the fold, we need to demonstrate that PAC is relevant to them. Yes, we sponsor an annual symposium which is published, and participate in statewide archaeology events like Archaeology Month. I believe we need to expand our horizons to make the case to Gen-X'ers, Millennials, and what comes after.

In my candidate message, I suggested we undertake the hosting of a web site for the synthesis of Pennsylvania archaeology. I still think that is a good idea, but it will take a high level of effort for a number of years to accomplish. There are other things PAC could do that are important but perhaps not as intense. These might include:

- Pressuring the Commonwealth to update the historic preservation classification series to match the need for SOI-qualified archaeologists with the job requirements.
- Revise the membership categories to carve out a category for pre-professionals prior to their getting the “union card.” Several other state PACs already make provisions for upcoming professionals.
- Establishing a mentoring program for pre-professionals so they will be better prepared to join the work force. Joe Baker may know something about how to do this.
- At last count, there are less than 40 archaeological sites in Pennsylvania listed in the National Register out of a population of over 3,300 properties, none listed since 2012. Maybe we could add to that list.
- I think archaeologists have something to say in the conversation over Climate Change, both from a historical perspective, and for adaptation.
- Many of the sites we investigate were founded and lived in by the ancestors of Native Americans living today. Are there opportunities for us to work together to tell the history of Pennsylvania?

This is by no means a comprehensive list and I am not suggesting that we would do all or any of this at once. What I do want is to conduct a survey of the membership to see what you think we should be doing. I would hope the Board would take that input and focus on a couple of manageable initiatives to start. Needless to say, neither I nor the Board are going to be able to do much, so if you are asked for your opinion on what PAC should be doing I would also like you to think about how you can help.

See you all in Uniontown in April.

PAC NEWS & ANNOUNCEMENTS

2018 PAC Fall Program

Submitted by: Hannah Harvey, PA SHPO

PAC's first annual Fall Program was held on Friday, October 26 at the State Museum of Pennsylvania, and the program explored current topics from PennDOT.

Susanne Haney's presentation, *Navigating Historic Cemeteries*, explored the myriad of issues that can arise when burials—or the *potential* for burials—exist in project areas. Using PennDOT case studies, Haney demonstrated the importance of planning and preparation, coordination with local groups, use of geophysical survey methods, and creative problem solving when faced with these situations.

In *Entrusted with Tribal Coordination: Context-Sensitive Solutions and Design at PennDOT*, Angela Jaillet-Wentling summarized PennDOT's efforts to creatively improve Tribal coordination by incorporating Tribal motifs into new bridge designs at several projects in western PA. PennDOT's new social media-friendly archaeology videos, one of which focused on Tribal connections, points us toward new opportunities to partner with the Tribes.

Joe Baker rounded out the afternoon by leading a group discussion about outreach and our efforts to gain public support for archaeology, asking: *How do we define the public? Who is our most important audience? What are our best strategies and vehicles for reaching different audiences? What can PAC do in the next year to further our goals?* Some of the takeaways from this conversation include:

- Our “publics” are diverse and varied. They range from Federal legislators to local government officials, from senior citizens to school children, from the voting public to project planners, and beyond! Each is an important audience for different reasons.
- We must build and renew relationships to convey our message, but the vehicles for doing so will vary widely based on the audience. Different strategies can include scheduling time with legislative staffers, increased use of social media platforms, and production of visually-engaging and interactive content.



Joe Baker leading a discussion about outreach efforts to promote public support for archaeology in Pennsylvania.

- Successful outreach relies on telling a story that is local, personal, and relatable. As part of that, it is crucial to understand what the *public* cares about and wants to learn. It is also important to involve people in the work itself, allowing them to develop a hands-on connection with what we do and the stories we tell.

Sneak Peek at the 2019 Fall Program!

SHPO Insights and The Challenges of 20th Century Archaeological Resources

The afternoon will begin with an agency update potentially covering: PA-SHARE, the SHPO digitization project, and our progress in developing new survey programs, as well as other new topics that might arise over the course of the year.

The rest of the program will explore how we deal with archaeological remains from the 20th century in terms of defining sites, evaluating integrity and significance, identifying important research themes and site types, and best-practice management approaches. The format will include a series of contextual papers and case studies followed by a group discussion. The end goal of the program will be to compile a body of notes that can feed into the development of consistent standards for how these resources are recorded and managed, as well as direction for the development of relevant thematic contexts.

Interested in sharing a case study? Submit an abstract to Hannah Harvey at hharvey@pa.gov.

Join us in late October! The Program will be held after the PAC business meeting on the day before the PHMC Workshops in Archaeology.

Social Media Update

Submitted by: Jonathan Burns, Director, Cultural Resource Institute, Juniata College

Greetings and Happy New Year from the social media front! PAC's total page likes is currently 674—up by 63 followers since last fall's newsletter. I have included a few figures showing recent posts and engagement to illustrate recent activities of the page's followers. While we are not taking the internet by storm, we are sustaining a network of like-minded followers who seem to appreciate our announcements and links.

Popular posts include issues of politics and policy as they pertain to historic preservation, mammoth finds, and Ira's blog titled, "Pennsylvania's Commonwealth Archeologists Get the Short End of the Shovel". I believe that social media platforms and Facebook in particular, can be used to the advantage of non-profits such as PAC. Communication and networking are key elements of archaeology in the 21st Century, and since Facebook has proven to be the powerhouse despite various scandals and negative attention, it is a powerful megaphone for education and calls to action.

Believe it or not, we are to the point now where people actually write about this very topic; for more thoughtful articles on using social media platforms for archaeological engagement, see Rocks-Macqueen (2016), Perry and Beale (2015). With the upcoming SPA Meeting and PAC Symposium, we could strive for record participation by spreading the word and increasing the buzz. For instance, participants could post a teaser the next time they are killing a few minutes on line. Alternatively, perhaps you know of an undergraduate student attending an Anthropology or History program whom you could encourage with a post to participate in the student poster session. It is important to consider that we do not do archaeology in a bubble, but rather are responsible for bringing our findings to popular light—Facebook is an effective way to inform and interact with archaeology's many stakeholders.

References Cited

Perry, S. and N. Beale

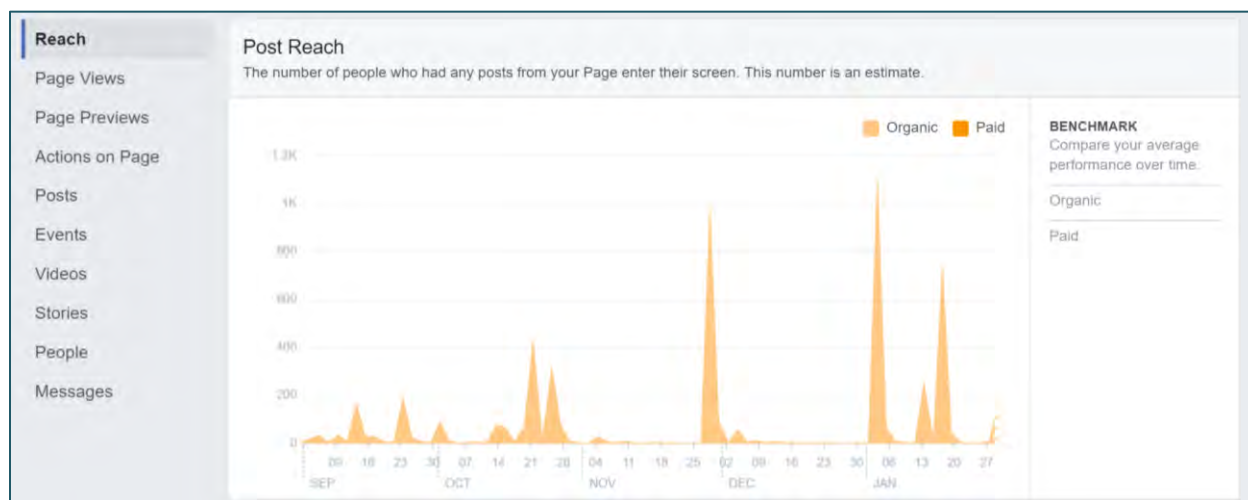
- 2015 The Social Web and Archaeology's Restructuring: Impact, Exploitation, Disciplinary Change. *Open Archaeology*, 1 (1) DOI: <https://doi.org/10.1515/opar-2015-0009>

Rocks-Macqueen, D.

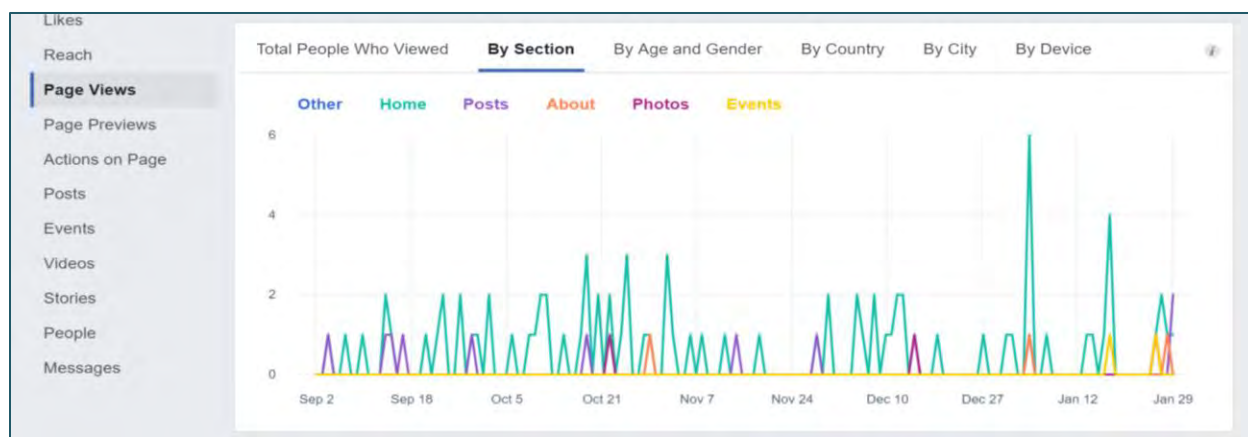
- 2016 Digital Public Engagement through Social Media in Archaeology – How to Choose. *Present Pasts*, 7(1), p.1. DOI: <http://doi.org/10.5334/pp.62>

Overview	All Posts Published						
Promotions	<div> <div>Reach</div> <div>Post Clicks</div> <div>Reactions, Comments & Shares</div> </div>						
Followers	Published	Post	Type	Targeting	Reach	Engagement	Promote
Likes	01/29/2019 7:03 PM	The U.S. Formally Withdraws From Unesco, the U.N. Agency That Aims			861	88 36	Boost Post
Reach	01/18/2019 1:42 PM	Society for American Archaeology Calls on Senate to End Government			948	46 23	Boost Post
Page Views	01/14/2019 7:46 PM	Archaeology: Re-examination of spear points shows importance of			411	36 12	Boost Post
Page Previews	01/04/2019 8:05 AM	https://ibeckermannrobot.blog/2019/01/03/pennsylvanias-			1.3K	146 35	Boost Post
Actions on Page	11/28/2018 2:40 PM	!			2.4K	195 62	Boost Post
Posts	11/05/2018 9:59 AM	Archaeology Students Dig at Stroud Mansion			57	6 1	Boost Post
Events	10/26/2018 12:05 AM	Oldest weapons ever discovered in North America pre-date Clovis			667	114 13	Boost Post
Videos	10/21/2018 8:45 PM	Archaeology Matters: A Pennsylvania Perspective - Pennsylvania Historic			861	44 13	Boost Post
Stories	10/19/2018 9:12 PM	Native American Heritage Month Program - Ostenaco			182	19 12	
People	10/13/2018 7:38 PM	Historical Commission ponders archaeological potential and decides			237	63 7	Boost Post
Messages	Chat (33)						

Recent posts and statistics about user engagement.



Post reach from September through January.



Views of the PAC Facebook page from September through January.



Where the PAC Page likes happened during January.

Election Results

Submitted by: Rick Geidel

Many thanks to all who participated in the 2018 PAC election! It is my pleasure to announce the results here:

President -- Ira Beckerman
 Vice President -- Mike Stanilla
 Secretary/Treasurer -- Hannah Harvey
 Board Member -- William Chadwick
 Board Member -- Gary Coppock

The new officers will assume their responsibilities at the end of the spring business meeting, which will be held the morning of Friday, April 5 at the Ramada Inn in Uniontown.

Please come to the meeting and Symposium in April to meet the new team.

Consulting Party Update

Submitted by: Lisa M. Dugas, Big Pine Consultants, LLC

PAC participates in the Section 106 process on a variety of projects. Currently, the most projects are in the transportation industry. PAC is available and willing to participate as a Consulting Party on all types of projects that involve archaeological resources in Pennsylvania.

As a result of a mitigation commitment, PennDOT has created a series of fresh and entertaining public outreach videos. The video series was developed in consultation with FHWA, PA SHPO, and several Federally-Recognized Tribes and Nations. A PAC representative was involved in consulting party meetings for this mitigation effort. Links to the videos are included on page 11 of this newsletter and the PAC website: <http://www.pennarchcouncil.org/lnks.htm>.

The current list of consulting party projects is included on the following pages.

MPMS ID Number	ER Number	Project Name	County	Agency	Project Purpose	Resources	Section 106 Stage	Section 106 Effect	Comments
57201	2015-8019-125	SR 519 at SR 980 and I-79, SR 519 Section K20	Washington	PennDOT	Safety Improvements	36WH1729	Determination of Effects	Historic Properties Affected - Adverse Effect	Phase III report prepared for 36WH1729, Site B-1
-	GA646A22	US 219 Improvement Project: I-68 to Old Salisbury Road	Garrett Co, MD	MDOT/SHA	Economic Development, Safety Improvements	Little Meadows, John Hershberger House & Site, Braddock's Road, Multiple Historic Structures	Determination of Effects	-	Considering Alternatives
-	-	Mon Fayette PA route 51 to I-376 Reevaluation	Allegheny	PennDOT	-	Multiple Historic Structures and Sites	Determination of Effects	-	Public Meetings, Programmatic Agreement, Proposed Mitigation
75917	2015-8181-115	Northern Tier Interstate 4R I-81 Section 511 Full Depth Reconstruction	Susquehanna	PennDOT	Interstate Restoration/Reconstruction, Bridge Preservation	36SQ0215, 36SQ0033	Determination of Effects	No Adverse Effect	Ph I & II Redesign the APE to avoid effect
96605 & 96606	2017-8010-111	Gilmore to Welsh Hill Road, SR 0281, Section 023	Somerset	PennDOT	Resurface	Mostoller Site	Determination of Effects	No Adverse Effect	SHPO concurred no effect on archaeological resources. MOU will not be executed
31895	2016-8396-129	Yukon Interchange SR	Westmoreland	PennDOT	Bridge replacement	11 sites and 4 Iso. Finds	Determination of Effects	Resolution of Adverse Effects: Standard	Signed PA. Resolution of Adverse Effects:

MPMS ID Number	ER Number	Project Name	County	Agency	Project Purpose	Resources	Section 106 Stage	Section 106 Effect	Comments
		0070, Section L10						Treatment - No Adverse Effect	Archaeological Data Recovery Workplan, Standard Treatment Avoidance
81747	2016-8167-129	Salina Bridge SR 1060, Section A20	Westmoreland	PennDOT	Bridge replacement	Pennsylvania Canal (Key No. 206316) Eligible as a contributes to Western Division of the Pennsylvania Canal (Key No. 083511)	Determination of Effects	Historic Resource Affected - Adverse Effect	Early Consultation, Scoping Call, Public Meeting, Pennsylvania Canal (Key No. 206316) has not been evaluated for archaeological potential
26022	2017-8222-065	Richardsville Bridge SR 4005, SECTION 551	Jefferson	PennDOT	Bridge replacement	36JE0195, 36JE0196	Determination of Effects	No Adverse Effect	PHAST Ph I, Recommends Ph II, 36JE195, PH II results determined 336JE0195 is not eligible
105165	2016-8277-065	Thompson Run Bridge #1 SR 28 SECTION 552	Jefferson	PennDOT	Bridge replacement	36JE0193 36JE0194 36JE0192	Determination of Effects	No Adverse Effect	36JE0193 36JE0194 portions within the APE recommended not eligible Ph II recommended for 36JE0192,

MPMS ID Number	ER Number	Project Name	County	Agency	Project Purpose	Resources	Section 106 Stage	Section 106 Effect	Comments
									APE change avoids site
105855	2016-8399-013	DF Blair Box Culvert Repl. SR 2005, Section 02B	Blair	PennDOT	Culvert replacement	36BL0124	Determination of Effects		Ph I/Ph II, 36BL0124, Avoidance
30949	2002-6075-125	SR 519-1055 Intersection Reconstruction	Washington	PennDOT	Intersection improvement project. Driveway re-alignment	36WH0458, 36WH1608	Determination of Effects	Adverse Effect Resolution of Effects. MOA Alternative Mitigation	Phase I fieldwork and report by PennDOT CRP. Impacts to subsurface cultural resources during construction. Alternative Mitigation - video series.
81192	2017-8276-051	Layton Bridge over the Youghiogheny River SR 4038 Section D10	Fayette	PennDOT	Safety Improvements	Layton Bridge	Determination of Effects		Layton Bridge listed on the National Register of Historic Places, Crosses Great Allegheny Passage Trail, CSX Railroad corridor

Publications Update

Submitted by: Paul Raber, Heberling Associates, Inc.

The latest volume in the series Recent Research in Pennsylvania Archaeology is presently in production at the Pennsylvania State University Press, with an expected publication date in 2019. *Contact and Cultural Identity: Recent Studies of the Susquehannocks* brings together contributions by eight researchers on various aspects of Susquehannock studies. This is the first major update on Susquehannock archaeology since Barry Kent's 1984 book *Susquehanna's Indians*.

PAC and SPA members can buy this and available previous books in the series at a 30% discount.

See the announcement on page 15 of this newsletter.



AGENCY UPDATES

PHMC – State Museum

Promoting Archaeology at the 2019 Farm Show

Submitted by: Kurt Carr, State Museum, Section of Archaeology

During the first full week of January, the staff of the Section of Archaeology at The State Museum of Pennsylvania and a group of loyal volunteers completed a very busy week at the 2019 Pennsylvania Farm Show. This year's theme was *Discovering the Susquehannock Indians*. This is our biggest annual event where we promote Pennsylvania archaeology

and the State Museum. Based on our sampling system, we estimated that approximately 33,000 people visited our exhibit. This is down slightly from last year. Regardless, 33,000 is a high number of face to face interactions between archaeologists and the general public. It is testimony to the quality of the exhibit, the initiative of our volunteers in engaging the public, but also the public's interest in archaeology. Although the dugout is the means to get them to stop at our exhibit, many of these people walked around the dugout to read the panels on Susquehannock Indian culture and marvel at the artifacts in the cases.



There is no question in my mind that this presentation makes a difference in the public support of Pennsylvania archaeology. I continued to see excitement in the eyes of children and adults as they sit in the dugout and as they stand gazing at the artifacts in the display cases, wondering what it must have been like to live in Pennsylvania many, many years ago. I frequently hear parents explaining the differences in lifestyles to their children. Along with the Susquehannock display, we also had a corn grinding station and a raffle offering a behind the scenes tour of our lab. Both of these attracted a lot of attention.

Archaeologists engaging with the public at the Pennsylvania Farm Show.

In Pennsylvania, the Farm Show represents the most intensive interaction with the public that we have all year. It is a great vehicle to advance the contribution of archaeology and the preservation of archaeological sites. We distributed over 6900 archaeology brochures and over 8000 posters, tattoos, free planetarium passes and magazines; including hundreds of copies of American Archaeology magazine. Much of this material is available on our web site (www.paarchaeology.state.pa.us) but I believe there is nothing like a hard copy to remind visitors weeks later of our exhibit, and the State Museum. Our principal goal at the Farm Show is to promote the significance of archaeological resources and encourage visitation to the State Museum. We also strive to promote the preservation of archaeological sites in our state so that future generations can benefit from these valuable resources. The Society for Pennsylvania Archaeology, Inc (SPA) has a table in our exhibit so we also promote their contributions and encourage memberships.

Pennsylvania has an outstanding wealth of archaeological resources that I believe can enhance the lives of all citizens. Our exhibit on the archaeology of the Susquehannock Indians and the information we disseminated was one step in communicating this heritage to the people of Pennsylvania. This year, the public had some knowledge of this Indian tribe and our conversations were much more interactive. As you know, the archaeology of Pennsylvania is being destroyed at an ever-increasing rate. We need help in slowing this destruction. The Farm Show exhibit represents a significant vehicle for the dissemination of information and for increasing the public's awareness of the threats to their archaeological resources.

We have not picked a topic for next year's Workshop in Archaeology or the Farm Show, so if you have suggestions, please let us know your thoughts.

PHMC – PA SHPO

Submitted by: Douglas McLearn, SHPO

New Staff

Ms. Jenna Solomon recently joined the PA SHPO as a Historic Preservation Specialist in the Preservation Services Division. Jenna holds a BA in Architectural History from the University of Virginia and an MS in Historic Preservation from the University of Pennsylvania.

Jenna comes to us from the New Jersey SHPO, where she had been working primarily with their environmental review group, consulting with various agencies such as FHWA, NJDOT and NJ Transit, FTA, FRA, Amtrak, FDIC, GSA, OCC, USDA, USACE, and



Jenna Solomon joined the PA SHPO last year as a joint environmental and National Register reviewer.

USPS. In addition, she also has experience with the CLG program and survey efforts

At the PA SHPO, Jenna wears several hats, as she works with the Preservation Services group (which includes the National Register, Community Preservation, and Disaster Planning) as well as the Environmental Review group where she is an above-ground resources reviewer for FDIC projects and HUD programs administered directly by municipalities and counties

Future Staff

More good news: We have been recruiting and interviewing qualified archaeologists to fill the currently vacant archaeological compliance reviewer position. We are nearing the completion of the selection process and hope to have our preferred candidate working here soon. Stay tuned for future announcements!

PA-SHARE and Digitization Project

Again, this is an upcoming electronic system that will include all program areas at SHPO, including review and compliance, National Register, GIS, Federal and

State Historic Tax Credits, Grants, GIS and Historic Markers

We continue to work through the requirements for the new system's functionality while the work of scanning and loading files to CRGIS progresses. Resource files and reports that can now be accessed online through CRGIS are:

- Reports: Adams through Forest counties
- PASS forms: Adams through Jefferson counties
- HRS Forms: Adams through Lehigh counties

PennDOT

Submitted by: Joe Baker, PennDOT

PennDOT's cultural resources program has been busy and continues to evolve with some notable departures and arrivals. There've also been some developments in public involvement, significant projects and initiatives, and policy updates.

Staff Changes

Dr Ira Beckerman retired in October 2018, after 25 years with PennDOT, close to 20 of them as the head of the program. Ira made the PennDOT cultural resources program into one of the very best in the country. He was responsible for the interagency agreement that brought professional staff to the engineering districts, and for the 106-delegation agreement that revolutionized how Pennsylvania transportation projects comply with the National Historic Preservation Act and the State History Code. The Cultural Resources GIS, and PA ProjectPATH were both launched during Ira's tenure, and innumerable archaeological projects large and small were completed on his watch. His legacy to the Department and the Commonwealth is one of professionalism and innovation, and perhaps more importantly, collegiality and kindness. He has set a very high standard that the program hopes to continue to meet.

Kara Russell, for more than 20 years PennDOT's Senior Architectural Historian, was appointed the new Cultural Resources Chief. Kara has established herself as a national leader in the management and preservation of one of the country's most significant populations of historic bridges. She's worked hard to build trust and lines of communication between the Department and the SHPO staff, and she's well-placed to build on Ira's legacy in the coming years.

After nearly two decades at the PA SHPO, Steve McDougal has been named PennDOT's new District Archaeologist in Harrisburg and Allentown. Steve's interests are primarily Pre-Contact archaeology, and his many years of SHPO and private sector experience will certainly serve him well in his new role.

There are more changes in the offing, and we'll try to keep everyone informed as they happen.

Public Involvement and Outreach

Thanks to a mitigation commitment from a project in District 12, the Department and McCormick Taylor Associates, in coordination with Heberling Associates, developed a three-part series of short, social-media friendly videos linked below. The series aims to provide easily accessible, interesting, and shareable material for the general and interested public. In coordination with the Federal Highway Administration, PA SHPO, Pennsylvania Archaeological Council, and Federally-Recognized Tribes and Nations (the Delaware Tribe, the Eastern Shawnee Tribe of Oklahoma, and the Seneca Nation), the focus of the videos is sharing the results of archaeological investigations and how they inform our knowledge of past peoples.

- Transportation and Archaeology – <https://vimeo.com/298230272>
- How is an Archaeological Study Completed? – <https://vimeo.com/301604402>
- Digging Deeper into Archaeology: Tribal Connections – <https://vimeo.com/296622502>

The PHAST Program

The PHAST program completed 14 mostly small reconnaissance projects last summer and the production of reports and preparation of collections for



The 2018 PHAST crew enjoying a spot of shade along the Frankstown branch of the Juniata near Hollidaysburg.

curation continues. Ross Owen, the current Field Director, will graduate from IUP in May and Brendan Cole, PHAST crewmember from 2016, will become the new field director at that time. Winner of FHWA's National Environmental Excellence Award in 2017, PHAST is now in its 9th year, and PHAST alumni are now working at most of our consulting partners here in PA and in surrounding states.

District Updates



Artifacts on display at the new Archaeology Center opening for the I-95 Section GIR project in Philadelphia.

District 6-0 reports that an Archaeology Center for the I-95 Section GIR project in Philadelphia has opened to local community groups across the street from the Penn Treaty Museum in the Fishtown section of the city. In addition to exhibits and information on the project, archaeologists from AECOM are on site to talk

to visitors and process artifacts. The Center will open to the general public in May, with hours on Thursdays from 12 Noon to 4 PM and on Saturdays from 11 AM to 3 PM, and to school groups at a later date.

District 12-0 provided an update on SR 4038 Layton Bridge Project in Fayette County. In the course of the project's recent Phase I/II archaeological investigations, we've encountered a brick kiln, an early/short-lived pottery, a stratified ridgetop site (likely a combination of colluvial and much earlier Lake Monongahela lacustrine deposition), a small rockshelter, and an historically-mined overhang. Michael Baker Incorporated (MBI) is currently preparing the results and reporting.

Look to see a presentation by Bryan Cuning (MBI) on the stratified ridgetop site with additional insights and interpretations provided by the project's team including soil scientist/geomorphologist, Margaret Sams, and geomorphologist/geoarchaeologist, Dr. Frank Vento, as part of the PAC Symposium at this year's SPA conference.

Policy

We're in the final stages of preparing to release our updated Cultural Resources Handbook (Pub # 689). Most of the updates and edits reflect the 2017 updates to our delegation agreement and are for the most part very modest changes in policy and updates to some of our standard forms and letters. The updated handbook will be available for download at www.PennDOTCRM.org in the coming months!

UPCOMING EVENTS

2019 PAC Symposium – Call for Papers

Submitted by: Paul Raber, Heberling Associates, Inc.

PAC will continue its series of symposia with a session on Friday, April 5, at the 2019 joint SPA/PAC meeting in Uniontown. John Nass of California State University will organize and chair a session on the topic: *Bigger is Not Always Better: The Value of Small, Open-air and Rockshelter Sites for Regional Interpretation*. Small, Native American open-air and rockshelter sites represent a significant but unknown part of the archaeological site database for Pennsylvania. The purpose of the session is to highlight the value of small sites in furthering our understanding of precontact Native American lifeways.

Interested individuals should contact John Nass at nass81@atlanticbb.net.

Abstracts will be accepted until March 15 or until he has received a maximum of 8 proposals.

THE SOCIETY FOR PENNSYLVANIA ARCHAEOLOGY

90th ANNUAL MEETING

April 5-7, 2019

Hosted by the Mon-Yough Chapter 3

Ramada Inn (formerly Park Inn)

700 W Main St

Uniontown, PA 15401

(724) 437-2816

Banquet speaker:

Dr. Brian Redmond

Cleveland Museum of Natural History

What Happened to the Whittlesey? and Other Tales of Northern Ohio Prehistory

Call for Papers

The theme of the 90th annual meeting will be "Unveiling the Past: Current Contributions to Pennsylvania Archaeology". There will be three open sessions, Saturday morning, Saturday afternoon and Sunday morning. Students are encouraged and welcome to present. Papers are accepted on a first come first served basis. There will also be a Student Poster Session this year on Saturday, April 6.

Anyone wishing to participate should send abstracts of 150 words or less for papers to the Program Chair no later than **Friday, March 22**.

Students wishing to present posters should email their title and abstract to Thomas Glover, Education Committee Chair, tomnglover@comcast.net, no later than **Friday, March 22**. Students please send a copy of your student identification card when you submit your abstracts for posters and paper.

All presenters must be current members of the Society for Pennsylvania Archaeology.

Program Chair: John Nass, Jr., 7500 National Pike, Uniontown, PA 15401

Phone: (724-437-4424); email: nass81@atlanticbb.net

For more info: <http://www.pennsylvaniaarchaeology.com/AnnualMeeting.htm>

Upcoming Conference Schedule

Compiled by: Gary Coppock, Skelly and Loy, Inc.

Organization	Location	Date	Abstract Due Date	Web Address
MAAC (Middle Atlantic Archaeological Council)	Ocean City MD	March 21-24, 2019	past	http://www.maacmidatlanticarchaeology.org/
SAA (Society for American Archaeology)	Albuquerque NM	April 10-14, 2019	past	http://www.saa.org/
PAC Business Meeting	Uniontown PA	April 5, 2019 (am)	NA	http://www.pennarchcouncil.org/
PAC Symposium	Uniontown PA	April 5, 2019 (pm)	NA	http://www.pennarchcouncil.org/
SPA (Society for Pennsylvania Archaeology)	Uniontown PA	April 5-7, 2019	March 22, 2019	http://www.pennsylvaniaarchaeology.com/
SIA (Society for Industrial Archeology)	Chicago IL	June 6-9, 2019	past	http://www.sia-web.org/
PHA (Pennsylvania Historical Association)	Indiana PA	Oct. 17-19, 2019	March 15, 2019	https://pa-history.org/

Organization	Location	Date	Abstract Due Date	Web Address
ESAF (Eastern States Archaeological Federation)	Langhorne PA	Oct. 31-Nov. 3, 2019	Sept. 1, 2019	http://esaf-archeology.org/
CNEHA (Council for Northeast Historical Archaeology)	Lake George NY	Nov. 7-10, 2019	TBA	http://cneha.org/
PAC Business Meeting	Harrisburg	TBA, October 2019 (am)	NA	http://www.pennarchcouncil.org/
PAC Fall Program	Harrisburg	TBA, October 2019 (pm)	NA	http://www.pennarchcouncil.org/
PHMC Workshop in Archaeology - Topic TBA	Harrisburg	TBA, October 2019	NA	TBA
SHA (Society for Historical Archaeology)	Boston MA	Jan. 8-11, 2020	TBA	https://sha.org/
SAA (Society for American Archaeology)	Austin TX	April 22-26, 2020	TBA	http://www.saa.org/
PHA (Pennsylvania Historical Association)	Williamsport PA	TBA, 2020	TBA	https://pa-history.org/

OTHER NEWS & ANNOUNCEMENTS

Historical Archaeological Field School

Indiana University of Pennsylvania (IUP) will be hosting an historical archaeological field school at the site of Newport, Indiana County, from July 8 to August 16, 2019.

Founded in the late 18th century and abandoned in the early 19th century, Newport was a river town shipping goods from the surrounding area down the Conemaugh River to Pittsburgh. The site presents an excellent opportunity to learn about early life and commerce in western Pennsylvania. This will be the first field school at the site and will focus on identifying the core of the site and areas with intact archaeological deposits through a variety of methods including shovel test pits, geophysical survey, and excavation units.



Three concurrent field schools will be offered this summer: **ANTH 320**, Archaeological Field School, is an introductory field school teaching basic archaeological methods, including excavation, survey, recording, and laboratory processing. **ANTH 520**, Archaeological Field School, same as ANTH 320 but for graduate credit. **ANTH 740**, Advanced Archaeological Field Methods, provides advanced instruction in survey and excavation, with an emphasis on the application of research designs to field settings and the logistics of supervising field projects. ANTH 740 is intended for students who have previously completed an archaeological field school. All fields schools are six credits.

For more information contact Ben Ford, ben.ford@iup.edu, 724-357-2733

Registration is open to all and available through IUP: <https://www.iup.edu/summer/>

Recent Research in Pennsylvania Archaeology Series

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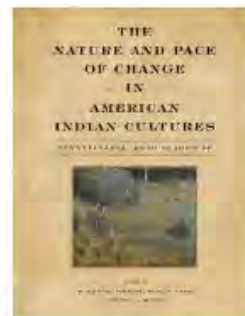
Contact and Cultural Identity

Recent Studies of the Susquehannocks

Edited by Paul Raber

The native group that Europeans encountered when they first entered the Susquehanna Valley had resided there since the late fifteenth century. The group has become known as the Susquehannocks, a people with origins or close affinities, including a shared language, to the Iroquois of what is now New York State. They became key agents in the fur trade centered on beaver pelts and thereby incurred the wrath of the Iroquois Confederacy, which conducted a campaign of sporadic warfare against them. Conflict and the relentless pressure of European settlement led to the eventual defeat and dispersal of the Susquehannocks. Remnants of the original nation living at Conestoga Town near Lancaster were massacred in 1763 by the Paxton Boys in reprisal for Indian attacks during Pontiac's War. From early historical accounts and the intensive study of their village sites, archaeologists and ethnohistorians have built a fairly comprehensive picture of Susquehannock life, ably summarized in Barry Kent's 1984 book *Susquehanna's Indians*, but then-prevailing excavation techniques and perspectives limited our knowledge of Susquehannock society and the consequences of contact with non-Native cultures. This book offers a fresh, contemporary account of the group based on new technology, new archaeological data from a variety of settlement sites, and new interpretive perspectives developed over the past thirty-five years. These developments have led to a reassessment of many aspects of Susquehannock life and are represented in the contributions to this book, which place the Susquehannocks in a modern anthropological context.

Contributors are Marshall Becker, April M. Beisaw, Jasmine Gollup, James T. Herbstritt, Lisa Marie Lauria, Dean R. Snow, Robert Wall, and Andrew Wyatt.



The Nature and Pace of Change in American Indian Cultures

Pennsylvania, 4000 to 3000 BP

Edited by R. Michael Stewart, Kurt W. Carr, and Paul A. Raber

\$17.47 paper (reg. \$24.95)
152 pages | 18 b&w illus. | 8.5 x 11 | 2015
ISBN 978-0-271-07095-7

Building upon sixty years of accumulated data, corrected radiocarbon dating, and fresh research, scholars are reimagining the ancient environment in which native people lived. *The Nature and Pace of Change in American Indian Cultures* will give readers new insights into a singular moment in the prehistory of the mid-Atlantic region and the daily lives of the people who lived there.



Foragers and Farmers of the Early and Middle Woodland Periods in Pennsylvania

Edited by Paul A. Raber and Verna L. Cowin

\$17.47 paper (reg. \$24.95)
142 pages | 27 b&w illus. | 8.25 x 11 | 2003
ISBN 978-0-89271-109-3

The essays in *Foragers and Farmers of the Early and Middle Woodland Periods in Pennsylvania* reflect a range of recent thought and research on what Paul Raber describes as one of the most "enigmatic periods of Pennsylvania's prehistory." The essays represent a variety of viewpoints and approaches to the period, from the site-specific to the synthetic, and they include evidence from all parts of the commonwealth.

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Christine Davis Consultants, Inc. Welcomes Kira Heinrich!

Christine Davis Consultants, Inc. is pleased to welcome Kira Heinrich to our staff. Kira has nineteen years of experience in cultural resource management, including eleven years at the Pennsylvania State Historic Preservation Office (PA SHPO) where she worked in the division of Project Review, and eight years in the private sector. Her work at PA SHPO will provide valuable insight into the inter-agency processes at the local, state, and federal levels. Kira's high level of expertise in cultural resource management will enhance her new position with CDC as a Cultural Resource and Collections Manager and bring a fresh infusion of energy to CDC's already established team. In addition to managing cultural resources and collections, her responsibilities will include public and client outreach and business development.

Please join CDC in welcoming Kira to our team!

CURRENT RESEARCH

Project Update: Archaeology at Stroud Mansion

Submitted by: Jonathan A. Burns, Juniata College Cultural Resource Institute

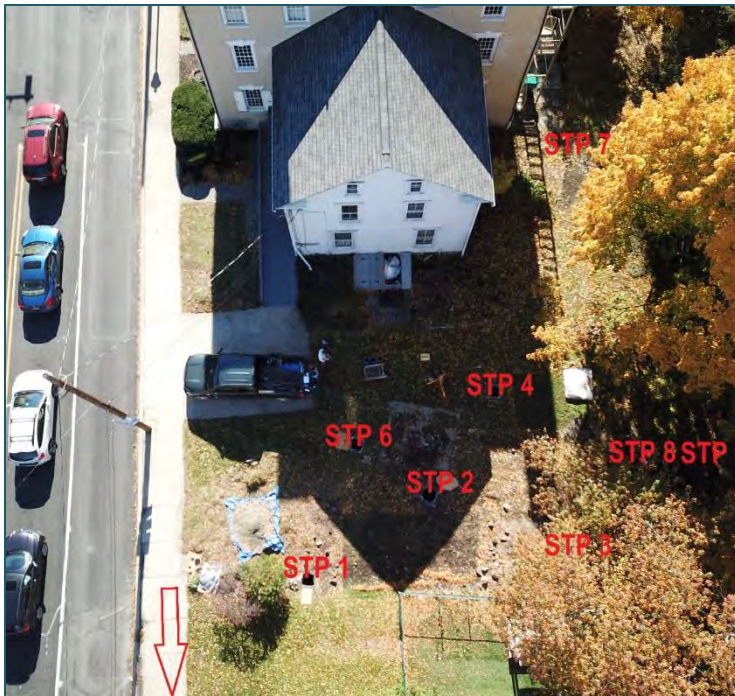
An archaeological testing project is underway at Stroud Mansion through a partnership between the Monroe County Historical Association and Juniata College's Cultural Resource Institute. The historical association, headquartered in historic Stroud Mansion, received PHMC Keystone Grant funding to mitigate the effects



Jennifer Palmer (volunteer) and Luke Fultz (Juniata College) screening for artifacts at Stroud Mansion.

of proposed improvements to their property. Stroud Mansion, located at 900 Main Street, Stroudsburg, Pennsylvania, was added to the National Register of Historic Places in 1979. Built by the town's founder, Jacob Stroud, and continuously occupied since its construction in 1795, the mansion is an excellent example of Georgian architecture with the potential to yield an array of domestic artifacts spanning the 19th Century. In addition to the mansion's significance, historic records suggest that French and Indian War-Era Fort Hamilton stood just to the northeast of the property from 1755 to 1757—presenting the possibility of encountering 18th Century deposits and activity areas. One of the forts commissioned by Benjamin Franklin, Fort Hamilton is well documented despite not seeing much momentous action. From experience working on other colonial Pennsylvania forts, we know that the activities were not restricted to a palisaded structure's interior and that there could be traces of fort related activities and features such as bivouacs, defenses, and refuse disposal.

The Cultural Resource Institute crew conducted initial fieldwork in early November of 2018, excavating eight shovel test pits and collecting artifacts from at least three distinct strata. Currently, the collection is undergoing processing and cataloging on Juniata College's campus in Huntingdon, Pennsylvania. This partnership between the historical association and the



Drone shot of the shovel test grid at Stroud Mansion.



Applied Archaeology students processing the recovered artifacts at Juniata College.

college provides opportunities for high-impact learning to college students with diverse interests ranging from History Museum Studies to Anthropology to Environmental Science. A win-win scenario for all involved, projects such as this facilitate both historic preservation and undergraduate education in a responsible and affordable manner. Dependent on the findings of the survey report, the site is the prime candidate to become the subject of study for the 2019 Juniata College Archaeology Field School. Stay tuned!

Partnering with Local University, Providing Expertise and Experience through Pennsylvania's Blue Route Project

Submitted by: Heather Wholey, West Chester University

For the past two years, Commonwealth Heritage Group, Inc. (Commonwealth) has partnered with West Chester University's Department of Anthropology and Sociology to provide an internship program that gives students the opportunity to learn about the field of archaeology through practical professional experience. The students are getting hands-on training and experience processing artifacts recovered from sites discovered in the path of Interstate 476 (known popularly as the Blue Route), a highway built on the outskirts of Philadelphia in the late 1980s. Prior to its

construction, Phase I archaeological surveys identified 27 sites along the proposed route, and subsequent documentary research and Phase II archaeological investigations resulted in the identification of 10 sites eligible for the National Register of Historic Places. These include: the Lewis Paper Mill Complex (36DE0070); the Isaac Free site (36DE0071); the Bailey Tenant site (36DE0072); the Charles Brown site (36DE0073); the Speakeasy Dump (36DE0074); the Sloan Springhouse (36DE0075); Rhoads Whetstone Factory (36DE0076); the Steel Farmstead Complex (36DE0077); the Hays Farmhouse (36DE0079); and the Taylor House Outbuildings (36DE0081).



Interns examining artifacts from the I-476 project.

The Pennsylvania Historical and Museum Commission's (PHMC) Bureau of Historic Preservation concluded that these sites were eligible because they contain information important to local history and regional development. As a result, the adverse effects of PennDOT's construction were mitigated through Phase III data recovery investigations in compliance with Section 106 of the National Historic Preservation Act and its implementing regulations (36 CFR 800). Over 250,000 artifacts were recovered from these excavations. The artifact inventories are being updated and transcribed into a Microsoft Excel database in the PHMC format, and the artifacts are being labeled with catalog numbers and rehoused in archival packaging to current curation guidelines. With the help of West Chester University's anthropology students, Commonwealth has thus far processed over 60,000 artifacts from five of the sites. While the project continues to unveil interesting findings, it is also providing valuable background experience for the next generation of archaeologists.

Geophysical Survey Identifies Targets at Camp Security Site

Submitted by: Stephen G. Warfel, Friends of Camp Security

Since 2014, renewed efforts to locate below-ground evidence of a Revolutionary War prison camp known as Camp Security have been ongoing in Springettsbury Township, York County, Pennsylvania. The camp, inhabited between July 1781 and May 1783, is believed to have held 1,600-1,800 men, women, and children



Dr. Sean Cornell pulls a Mala Geosciences X3M GPR control system with a 500 Mhz shielded antenna across a snow-covered field in the Schultz Farm block. Photo courtesy of Dr. Paul Marr.

captured at the battles of Saratoga and Yorktown. Though archaeological investigations have unearthed several dozen camp period artifacts, no features associated with the camp's stockade or huts, built to house prisoners and guards, have been discovered. Hence, the Friends of Camp Security, a nonprofit organization established to preserve, interpret, and commemorate the site, contracted with Shippensburg University's Department of Geography-Earth Science to conduct a geophysical survey of select locations within the Camp Security Preservation Area. The area, owned and administered as a park by Springettsbury Township, presently consists of agricultural fields and woodlot.

Ground penetrating radar (GPR) and electromagnetic induction (EM) methods were employed to examine two large blocks of land thought to be the most likely locations of elusive structural features. Discovered subsurface anomalies (unusual below-ground disturbances) were mapped and ranked in terms of their likelihood of being associated with camp structures and/or activities. In total, eleven anomalies of interest (AOI) were found in the so-called Wiest Farm and Schultz Farm blocks.

Anomalies include linear trends, angular trends, and deep circular spot phenomena. A thorough analysis of bedrock geology and soil types present in the project area was done to eliminate features attributed to



Dr. Joseph Zume (right) and Jake Percy collect data in the Wiest Farm block using a GSSI EMP Profiler unit. Photo courtesy of Dr. Paul Marr.

natural processes or recent activity. Because remnants of colonial era stockade trenches have proved to survive on farmed land at other Pennsylvania military sites (e.g., Fort Loudoun, Fort Shirley), linear trend anomalies were given the highest ranking, followed by angular trends and circular spot phenomena. Circular spot phenomena are of interest because historical documents indicate prisoners were put to work digging wells shortly after the stockade and huts were completed.

Although a few more AOI's were found in the Wiest Farm block, higher ranked anomalies were identified on the Schultz Farm property. Interestingly, the largest number of camp period artifacts were previously recovered near the Schultz Farm block. Consequently, planned 2019 archaeological investigations will undertake controlled surface collection and metal detecting surveys in and around the Schultz Farm block as well as trench and block excavations to evaluate identified anomalies of interest. Test results will be discussed in a future newsletter contribution. To access Camp Security archaeology reports and the Shippensburg University geophysical survey report go to www.campsecurity.org and click on the Archaeology tab.

Geotextile: Currently PennDOT, the Federal Highway Administration (FHWA), and the Pennsylvania State Historic Preservation Office (SHPO) all recognize the use of the geotextile as a standard treatment for avoiding archaeological impacts. Specifications for its use are presented in the current (2013) edition of PennDOT's Cultural Resources Handbook (Publication 689), which is available on Project Path at: <https://www.paprojectpath.org/pennDOT-crm/publications> (PennDOT 2013:VIII-7, X-2).

Typically this entails the removal of vegetation by hand (no grubbing or root removal), the emplacement of geotextile, and then covering the textile with three feet of fill (one foot of coarse sand or aggregate, and at least two feet of R-3 rock fill). The geotextile and fill must be emplaced in a way that does not disturb or compact the underlying soils. When the temporary road is no longer needed, the fill and geotextiles must be removed in a similar fashion so as to avoid soil disturbance and/or compaction. Prior to implementation, an Erosion and Sedimentation (E&S) Plan must be developed that shows the fill strata, and a copy of the E&S Plan must be attached to the associated archaeological document when it is submitted for review (e.g., Phase I archaeological survey report, SHPO Negative Survey Form, etc.).

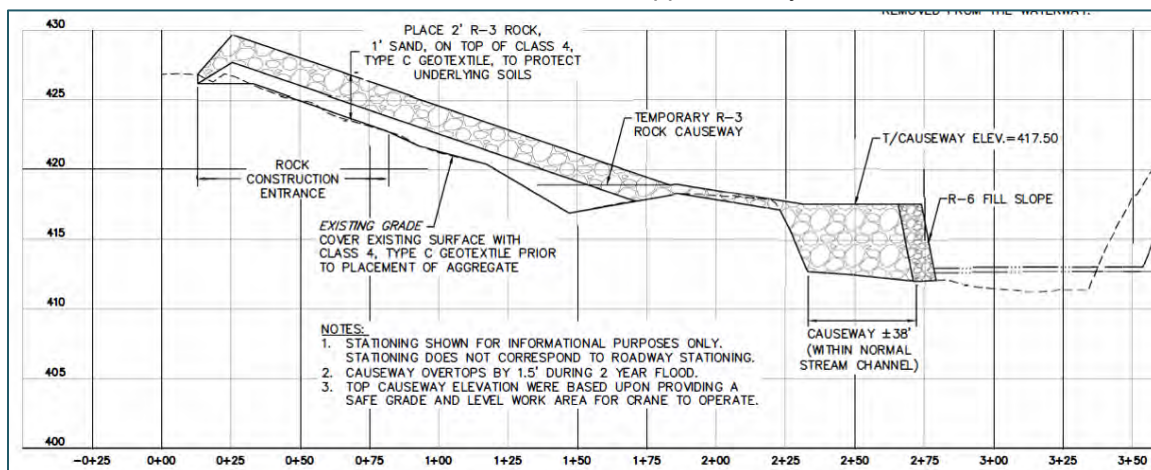
Avoiding Archaeological Impacts with Geotextiles and Geomattng

*Submitted by: Gary Coppock, Skelly and Loy, Inc.
Based on information provided by Kevin Mock, PennDOT*

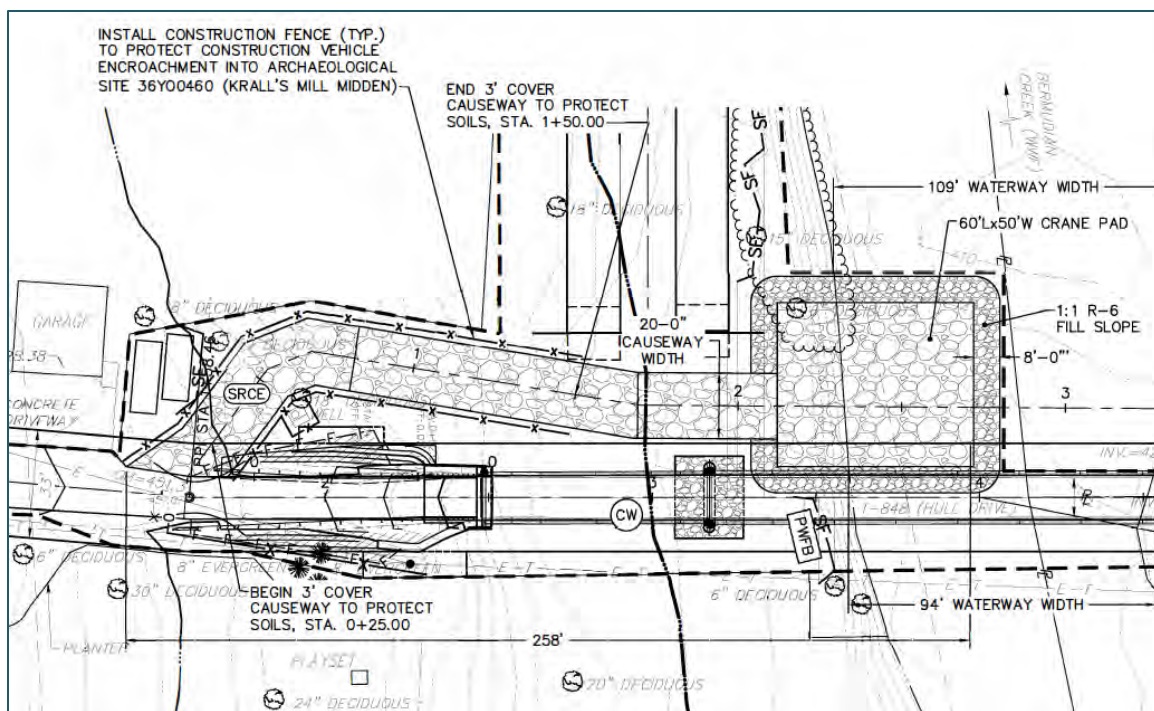
During highway construction there are certain situations, such as when a temporary access road or run-around is needed, that project-related impacts to archaeological sites, or archaeologically sensitive areas, can be avoided through the use of one of two temporary treatments: geotextile or geomattng.

Because the use of geotextile is a recognized standard treatment for avoiding archaeological impacts, there is no need for PennDOT or FHWA to consult with the SHPO prior to its use. However, use of the treatment must be documented in the project effect finding and tracked as a National Environmental Policy Act (NEPA) mitigation commitment.

Geomattng: Although the use of geomattng for archaeological applications has been approved by PennDOT and the SHPO, it is not currently recognized by the FHWA. Therefore, the use of geomattng on federally-funded highway projects must be pre-approved by both the FHWA and the SHPO.



Example of E&S plan for archaeological impact avoidance, profile view. Image courtesy of PennDOT.



Specifications for the use of geomatting for state-funded projects will be presented in the upcoming edition of Publication 689, which is anticipated to be available during the winter of 2019.

The geomat, comprised of High Density Polyethylene (HDPE) composite, is relatively light-weight (each square weighing about 1000 lbs.), is weather and tear resistant, and is recyclable (Figure 3). The use of geomattng for archaeological impact avoidance is best suited for open areas such as farm fields, pasture, and gently sloped settings with little vegetation.

Although no fill is required, pressure sensors must be placed under the geomattng both in the tire or track path and outside of it to establish the actual ground pressure impacts, and an archaeologist must be on-site during the placement and removal of the matting to ensure that the appropriate measures are followed.

Summary: Geotextile will continue to be the “go to” method in most situations because it is so versatile. While geotextile can be used on virtually any ground surface, geomatting is appropriate only when the ground surface is unforested, is not rocky, and is fairly level. Another plus for geotextile use is that it can be utilized on federally-funded projects without prior approval from FHWA. However, PennDOT expects to see more frequent use of geomatting on both state- and federally-funded projects in the near future because it is can save significant amounts of time and money.

If adverse effects to a National Register-eligible archaeological site are avoided through the use of

geotextile or geomattng, the project will have No Adverse Effect on the site. If geotextile and fill is used in a high probability area in lieu of a Phase I archaeological survey, then the project will have a finding of No Historic Properties Affected.

The information presented above is derived from a workshop presentation prepared by Kevin Mock, PennDOT Historic Preservation Supervisor, held at the Pennsylvania Archaeological Council's fall program in Harrisburg on October 26, 2018. However, the paper could not be presented due to technical difficulties. Gary happily accepts full responsibility for any errors or omissions in this write-up.



THE BACK PAGE

Who is that masked man?



1. Kenny from South Park?
2. Superman *incognito*, pushing a backhoe out of the snow with a single hand?
3. Dr. Frank Vento freezing his butt off in the Aughwick Valley, winter 2009?

We are looking for photos and other "Back Page" suggestions! These can be nostalgic, funny, or puzzling.

PAC Newsletter, Spring 2019, Vol. 31, No. 1

Compiled by Gary Coppock, Skelly and Loy, Inc.
Design/Formatting by Hannah Harvey, PA SHPO

The PAC Newsletter is published twice a year to update members on PAC happenings, agency updates, announcements from firms and universities, and current research from around Pennsylvania.

Send submissions to: gcoppock@skellyloy.com



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PAC Membership Requirements

Any person shall be considered for membership in the Council who satisfies the following requirements:

A. A graduate degree in anthropology, archaeology, or a closely related field; or a Bachelor's degree in anthropology, archaeology, or a closely-related field, and two years of professional experience in a research, supervisory, educational, or administrative capacity.

B. A professional interest in Pennsylvania archaeology. This interest must be documented by the applicant and should clearly demonstrate how the applicant's professional activity has contributed, or may contribute, to the advancement of Pennsylvania's prehistoric or historical archaeology. This documentation may include:

1. Authorship of professional archaeological publications.
2. Authorship of archaeological papers presented at professional or professional/avocational meetings.
3. Authorship of archaeological contract or grant reports.
4. Development or implementation of archaeological educational or interpretative programs.
5. Administration or supervision of archaeological programs or projects.

C. Applicants shall be admitted to membership upon the positive recommendation of the Membership and Ethics Committee and a positive vote of a majority of the Executive Board. The Membership and Ethics Committee shall establish a schedule for the membership application process such that candidates are admitted in a timely manner after their applications are received.

D. All members of the Pennsylvania Archaeological Council must also be members of the Society for Pennsylvania Archaeology.

Annual dues: \$35.00

To join, or for more information, contact:

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<https://www.pennarchcouncil.org/membership.htm>

2019

Pennsylvania Archaeological Council Membership Form

Please send a check made out to the Pennsylvania Archaeological Council for \$35.00 with the form below to:

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