



PennEast Pipeline Company, LLC

PENNEAST PIPELINE PROJECT

**1-9 – CULTURAL RESOURCES SUMMARY
CARBON COUNTY**

REVISED OCTOBER 2019

Submitted by:
PennEast Pipeline Company, LLC



Agency Consultation/Coordination: The results of the archaeological and architectural history investigations conducted in Carbon County for the PennEast Pipeline Project (Project) have been submitted to the Pennsylvania State Historic Preservation Office (PASHPO). Report submittal dates and PASHPO response dates are included in Table 1.9-1. Correspondence with and reports submitted to the PASHPO that do not contain culturally sensitive information are included in the ESCGP Application Section 1.9-1. Correspondence and reports that contain culturally sensitive information are marked “Contains Privileged Information – Do Not Release,” and are included in Section 1.9-2 of this ESCGP Application.

**Table 1.9-1
 Project Report Submittals and PASHPO Response Dates**

Report Title	Abbreviated Title	Submittal Date	PASHPO Response Date
Cultural Resources Scoping Letter	Scoping Letter	8/20/14	9/10/14
Archaeological Reports:			
Phase I Archaeological Survey Report	PA Phase I	9/24/15	10/22/15
Phase I Archaeological Survey Report, Addendum 1	PA Phase I, Addendum 1	3/18/16	4/14/16
Phase I Archaeological Survey Report, Addendum 2	PA Phase I, Addendum 2	8/19/16	9/22/16
Phase I Archaeological Survey Report, Addendum 3	PA Phase I, Addendum 3	10/31/18	11/28/18
Phase I Archaeological Survey Report, Addendum 4	PA Phase I, Addendum 4	2/22/2019	3/19/2019
Phase II Archaeological Evaluation Report: 36CR0151	PA Phase II: 36CR0151	3/13/2019	4/11/2019
Phase I Archaeological Survey Report, Addendum 5	PA Phase I, Addendum 5	10/1/19	11/5/19
Historic Architectural Reports:			
Reconnaissance-Level Historic Architectural Survey Report	PA Recon Survey	9/30/15	10/21/15



Report Title	Abbreviated Title	Submittal Date	PASHPO Response Date
Reconnaissance-Level Historic Architectural Survey, Addendum 1	PA Recon Addendum 1	8/9/16	9/8/16
Reconnaissance-Level Historic Architectural Survey, Addendum 2 and Intensive-Level Historic Architectural Survey	PA Recon Addendum 2	5/9/17	6/1/17
Reconnaissance-Level Historic Architectural Survey, Addendum 3 and Intensive-Level Historic Architectural Survey, Addendum 2	PA Recon Addendum 3	7/25/17	8/11/17
Reconnaissance-Level Historic Architectural Survey, Addendum 4 and Intensive-Level Historic Architectural Survey Revisions	PA Recon Addendum 4	10/31/18	11/27/18
Determination of Effects Report-Pennsylvania	PA Effects Report	5/3/19	6/5/19
Determination of Effects Report Addendum-Pennsylvania	PA Effects Addendum	7/19/19	8/19/19

On August 20, 2014, PennEast Pipeline Company, LLC (PennEast) submitted the Scoping Letter to the PASHPO, which included mapping for the Project, the results of preliminary background research, and outlined the proposed methods for identification-level archaeological and architectural history surveys for the Project (Section 1.9-2). The Scoping Letter also included an Unanticipated Discovery Plan (UDP) guiding the treatment of human remains and archaeological sites that might be discovered during Project construction. The PASHPO concurred with PennEast’s survey methodologies and the UDP in a letter dated September 10, 2014. Continued cultural resources investigations have followed the PASHPO-approved methods. PennEast has provided all Project route changes to the PASHPO. In their letter dated May 28, 2019, the PASHPO concurred with PennEast’s summary of NRHP eligibility determinations and treatment plans for archaeological resources (Section 1.9-1). The PASHPO has also



concurred with the recommendations of PennEast regarding the potential of the Project to effect individual historic architectural resources in their letter dated August 19, 2019.

On December 31, 2014, PennEast sent letters to 15 federally recognized Native American tribes with historic ties to the area crossed by the Project. Of the 15 tribes contacted, the Delaware Tribe of Indians, the Oneida Indian Nation, and the Stockbridge Munsee Band of Mohicans requested archaeological survey and evaluation reports for the Project. PennEast has provided these reports, as well as mapping for Project route changes. Correspondence with these three tribes is ongoing, copies of which are available on request.

Public Outreach: An Open House for the Project was held November 18, 2014, in Palmerton, Pennsylvania. The Federal Energy Regulatory Commission (FERC) held a Public Scoping Meeting for the Project in Carbon County at Penn's Peak in Jim Thorpe, Pennsylvania, on February 11, 2015, to inform the public of the project and identify potential issues to be addressed in the Environmental Impact Statement (EIS). In December 2015, PennEast initiated consultation with statewide, regional, and local organizations in Pennsylvania to request their input regarding known cultural resources located within the Project boundaries. For Carbon County, these included the Delaware and Lehigh National Heritage Corridor, Pennsylvania Canal Society, Preservation Pennsylvania, Appalachian Trail Conservancy, Society for Pennsylvania Archaeology, and the Mauch Chunk Historical Society. FERC held a public session on August 15, 2016, in Jim Thorpe, Pennsylvania, to solicit comments on the Draft EIS.

Summary of Archaeological Investigations: The Phase I archaeological survey (Phase I Survey) in Carbon County was performed according to the PASHPO-approved methods outlined in the Scoping Letter. The purpose of the Phase I Survey was to identify archaeological sites in the area of potential effects (APE) that are potentially eligible for listing in the National Register of Historic Places (NRHP). Between August 2014 and late 2016, a Phase I Survey was conducted in a 400-foot wide study corridor that extended beyond the limit of disturbance (LOD) for the Revised PA Route. The Phase I survey between late 2016 and July 2018 was limited to the LOD for the Revised PA Route, which serves as the APE for archaeological resources. Both the 400-foot study corridor and the LOD were subject to a thorough pedestrian survey to define above-ground indicators of archaeological sites such as rock shelters, historic structures, or foundations regardless of field conditions (i.e., steep slopes, standing water). Pedestrian survey was conducted in concert with subsurface testing that was guided by an archaeological sensitivity model based on geographic information systems analysis and historic mapping. Subsurface testing methods included shovel testing in uplands, where archaeological resources are typically located within three feet of the ground surface. Deeper test unit excavation was conducted in alluvial settings where archaeological sites can be buried below three feet. PennEast submitted the results of Phase I archaeological survey on recent minor workspace expansions in Carbon County to the PASHPO on October 1, 2019 (Section 1.9-2). The PASHPO's response is anticipated in November 2019.

Archaeological Resources Identified: The Phase I Survey in Carbon County identified seven archaeological resources, four of which are located in or adjacent to the Revised PA Route. These four



archaeological resources are summarized below in Table 1.9-2, along with PennEast and PASHPO recommendations on their eligibility for listing in the NRHP and treatment status. The PASHPO determined that one of the four archaeological resources was not eligible for the NRHP (36CR/004) and that no further work was recommended. The PASHPO concurred with the avoidance plans (fencing, signage) for two resources (36CR0149, 36CR0157) located adjacent to the APE. The PASHPO also concurred with the Phase II work plan for the portion of site 36CR0151 located in the APE and with the avoidance plan (fencing, signage) for the portion of the resource that is adjacent to the APE. Based on PennEast’s Phase II archaeological evaluation of 36CR0151 (Section 1.9-2), the PASHPO concurred that the portion of 36CR0151 in the APE contributes to the NRHP eligibility of the larger site, and that data recovery excavations are required for the portion of the site in the permanent easement. The PASHPO also concurred with a minimization plan for 36CR0151 that calls for fencing and signage adjacent to the LOD and matting portions of the LOD outside of the permanent easement.

**Table 1.9-2
 Archaeological Resources In or Adjacent to the Revised PA Route in Carbon County**

Resource ID	Description	PennEast NRHP Recommendation and Treatment Recommendation	PASHPO NRHP Determination and Treatment Recommendation	Treatment Status
36CR0157	Prehistoric Site	Potentially Eligible, Avoidance (PA Phase I, Addendum 3)	Avoidance Plan Accepted (11/28/18)	Avoidance
36CR/004	Prehistoric Isolated Find	Not Eligible, No Further Work (PA Phase I, Addendum 3)	No Further Work (11/28/18)	No Further Work
36CR0149	Prehistoric Site	Potentially Eligible (PA Phase I). Avoidance Adjacent to APE (PA Phase I, Addendum 3)	Not Evaluated, Phase II Recommended if Not Avoided (10/22/15); Avoidance Plan Accepted (11/28/18)	Avoidance



Resource ID	Description	PennEast NRHP Recommendation and Treatment Recommendation	PASHPO NRHP Determination and Treatment Recommendation	Treatment Status
36CR0151	Prehistoric Site	Potentially Eligible (PA Phase I, Addendum 1); Potentially Eligible, Avoidance of Portion Adjacent to APE (PA Phase I, Addendum 3); Eligible, Data Recovery, Avoidance of Portion Adjacent to APE, Minimization in APE outside of Permanent Easement (PA Phase II:36CR0151)	Phase II Recommended if Not Avoided (4/16/16); Phase II Workplan and Avoidance Plan Accepted (11/28/18); Eligible, Data Recovery in Permanent Easement, Avoidance of Portion Adjacent to APE, Minimization in APE Outside of Permanent Easement (4/10/2019)	Data Recovery in Permanent Easement, Avoidance of Portion Adjacent to APE, Minimization in APE Outside of Permanent Easement

Summary of Architectural History Investigations: The architectural history field survey occurred between October 2014 and May 2015 within an architectural history APE based on properties intersected by a 400-foot wide study corridor as presented to PASHPO in the Scoping Letter (September 10, 2014). Beginning in late 2016, the APE was refined and limited to those properties intersected by the LOD for the PA Revised Route. Inaccessible historic-age parcels were coordinated with the PASHPO based on a methodology approved in April 2018. Field survey of the Revised PA Route is complete in Carbon County.

Historic Architectural Resources Identified: The architectural history survey for Carbon County identified 17 historic architectural resources within the APE for the Revised PA Route. None of the 17 resources require further work. All of the resources were recommended by PASHPO for no further work, either because they were not NRHP eligible, or because there was no anticipated Project effect. PASHPO coordination for these resources is summarized in Table D-3 below.

Table D-3
Aboveground Resources In or Adjacent to the Revised PA Route in Carbon County

Resource ID*	Resource Description	PennEast NRHP and Effects Recommendation	PASHPO NRHP Determination and Anticipated Effects	Treatment Status
201072	Predominately forested State Park	Not Applicable; No Adverse Effects (PA Effects Report)	Previously Determined Eligible for the NRHP, No Adverse Effects (6/5/19)	No Further Work
202357	Residential, Vernacular 4-bay dwelling	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202351	Residential, Ranch dwelling.	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202352	Residential, Ranch dwelling	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202348	Farm, 4-bay Vernacular dwelling	Needs Additional Research (PA Recon Survey); Eligible (PA Recon Addendum 2); No Adverse Effects (PA Effects Report)	Eligible (6/1/17); No Adverse Effect (6/5/19)	No Further Work
202353	Residential, Craftsman dwelling	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202359	Residential, Tudor Revival dwelling	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202350	Farm, 3-bay Vernacular dwelling with addition	Needs Additional Research (PA Recon Survey); Not Eligible (PA Recon Addendum 2)	Undetermined; No Anticipated Effects (6/1/17)	No Further Work
202349	Farm, 3-bay Vernacular dwelling	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (6/1/17)	No Further Work



Resource ID*	Resource Description	PennEast NRHP and Effects Recommendation	PASHPO NRHP Determination and Anticipated Effects	Treatment Status
202361	Residential, Vernacular dwelling	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
202360	Farmstead, Ranch style dwelling	Not Eligible (PA Recon Survey)	Undetermined; No Anticipated Effects (10/21/15)	No Further Work
206379	Farm, outbuilding	Not Eligible (PA Recon Addendum 2)	Undetermined; No Anticipated Effects (6/1/17)	No Further Work
CA-0089	Residential, Vernacular dwelling	Needs Additional Research (PA Recon Addendum 4)	Undetermined; No Anticipated Effects (11/27/18)	No Further Work
CA-0161	Residential, Colonial Revival dwelling	Not Eligible (PA Recon Addendum 4)	Not Eligible (11/27/18)	No Further Work
CA-0339	Farm, Ranch style dwelling	Not Eligible (PA Recon Addendum 4)	Not Eligible (11/27/18)	No Further Work
CA-0341	Farm, Vernacular dwelling	Not Eligible (PA Recon Addendum 4)	Not Eligible (11/27/18)	No Further Work
CA-0371	Dwelling, outbuildings	Not Applicable (PA Effects Report)	No Adverse Effects (6/5/19)	No Further Work

* PASHPO key number (5 digits) or PennEast temporary field number (county abbreviation followed by 4 digits).