

The following report example is a sampling of the various types of narrative, tables, maps and appendixes that are required for an identification survey report being submitted to the PA SHPO. The pieces have been compiled from various reports received by our office and is a snippet view; and should not to be construed as a complete report (for instance, historic and current aerials and mapping for the entire "project" were not included in the example).

Introduction

The following report represents the results of an Above-Ground Resource Survey Report for the proposed XYZ Natural Gas Pipeline and Transmission Line and appurtenant facility project (Project) in the Borough of Sewickley, South Huntingdon and Hempfield Townships, Westmoreland County, Pennsylvania. The XYZ project requires certification from the Federal Energy Regulatory Commission (FERC) under Section 7(c) of the Natural Gas Act. As a Federal undertaking, the Project is subject to review under Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended.

The Project is approximately ten miles in length, with permanent right-of-way (ROW) of 100-150 feet along the existing roadway, roadside shoulder, and private right-of-way (meadows, agricultural cropland, forested areas, etc.), the construction of temporary and permanent access roads when the use of existing public and private roads are not feasible, and the construction of a compressor station of approximately 5 acres. The total Project Limit of Disturbance (LOD) is approximately 650 acres (263 hectares). The proposed Project activities consist of the installation of approximately ten miles of 20-inch coated steel natural gas pipeline within a 100-foot wide permanent ROW and will involve temporary land disturbance along a secured right of way with an additional 25-foot temporary workspace in some locations; and the construction of a new transmission line that consists of 20 steel monopoles with an average height of approximately 90 feet within a new permanent 150-foot ROW. The transmission line will connect to an existing substation at Sewickley, PA. The new compressor station site is located at the Jones Farm (Key # 098200) at the intersection of Old Valley Road and North Bacton Hill Road, Wayno PA.

The purpose of this study is to determine the presence or absence of above-ground resources within the defined project area for listing in the National Register of Historic Places (NRHP) and provide recommendations for future survey based on the potential for effect. The study will also make preliminary assessments of effect for properties that have already been evaluated as eligible, or that appear potentially eligible. This report contains the methodology and results of the historic above ground resource investigations performed by ABC.

Summary and Recommendations

ABC has prepared this identification documentation submission detailing the results of the Phase 1 Above Ground Resource Investigations conducted to support the XYZ Project in Westmoreland County, PA. Project components include the installation of a pipeline, construction of a transmission line and construction of a compressor station.

Pipeline

Typically, the pipeline is installed using an open cut method. Topsoil is removed from the work area and stockpiled in agricultural areas. In sensitive areas the pipe can be installed using a horizontal directional drill (HDD) or trenchless bore. Use of HDD and trenchless bore typically do not result in surface disturbance to above-ground resources, but vegetation is typically removed from the permanent easement over the HDD. The proposed new pipeline will require tree clearance through a historic orchard, uncut hedgerows, and wooded areas. These wooded areas occur near MPs 1682, 1683.4 and 1685.7. A comparison between the 1930s and 1970s aerials show that these landscape features were historically present in the project area.

Transmission Line

While the majority of the new transmission line will be along the pipeline ROW; the proposed new transmission line will require tree clearance through uncut hedgerows and wooded areas. These wooded areas occur near MPs 1682, 1681 and 1685.3. A comparison between the 1930s and 1970s aerials show that these landscape features were historically present in the project area. In addition, the construction of new transmission poles may be located on historic properties and within the viewshed of historic properties.

Access Roads

The new pipeline and transmission line will be supported by six temporary access roads (TARs) and three permanent access roads (PARs). Two PARs and six TARs will use existing gravel driveways that will not require any modification; these TARs and PARs will be constructed along the edge of an agricultural field and no trees will be removed. One PAR will require the removal of a 1920s agricultural building at 1171 Claremont Road, Ruffsedale, PA.

Above Ground facilities

A Compressor Station will be constructed at the termination point of the line (*Map 5, 8*). Five (5) acres of land will be disturbed. The facility will contain pipelines, scrubbers, launchers/receivers, small regulation buildings, administration and warehouse buildings. An example of an existing Compressor Station is included in *Photo 9*. The facility will be constructed on the Jones Farm, Key # 098200 (*Map 5, 8*).

The introduction of a new transmission line and a compressor station will introduce visual and direct effect to potential historic resources. It is our recommendation that there are further above ground investigations needed in the form of Historic Resource Survey Forms (HRSFs) where there is the potential for effect. The presence of the proposed pipeline is anticipated to have no effect to the agricultural cropland. The only area

for potential effect is the ROW through a historic orchard and potentially historic woodlots. It is our recommendation that there are further above ground investigations needed in the form of HRSFs at those properties. There is a potential for both direct and indirect effects at the location of the compressor station; for those properties where in setting and feeling are of higher importance in terms of integrity. It is our recommendation that an amendment to the Key File 098200 be completed as a HRSF as the file only contains an incomplete abbreviated HRSF. HRSFs are also needed for those resources within the indirect APE of 0.50 miles from the compressor station as well as the current compressor station as it is at least 50 years of age; and a new use for the existing compressor station has not been finalized and may be demolished.

Project Location

The project area is located entirely within Westmoreland County, Pennsylvania. The project area begins at Sewickley and ends in Wyano. The area is generally agricultural in nature, with minor post World War II linear developments (*Photos 1-12, Map 14*).

The Area of Potential Effect (APE) for the project is delineated on the enclosed USGS maps as well as on the current and historic aerials in this report (*Map 1-14*). The APE takes into consideration the potential for visual and direct effects. Per the PA SHPO guidelines, the delineation of the APE should take into account the viewshed for those areas from which the project may be visible. If the proposed transmission line is to be constructed within a new ROW, the above ground APE extends 0.5 mile on either side of the ROW for the proposed route. Therefore, the above ground APE extends 0.5 mile on all sides of the proposed project. The APE was defined to take into consideration these specific project characteristics and possible effects. It involved delineation of an “initial” APE that extended 0.5 miles on either side of the transmission line ROW for potential visual effects as well as specific direct effects

The Project APE for the Assessment of Effects was refined using GIS viewed analysis to include only areas from which the Project may be visible (*Map 9, 10*). The viewshed calculation was preferred using a United States Geological Survey (USGS) 10-meter digital elevation model, which provides an estimate of the ground surface elevation for every 10x10 square meter area across the entire study area. With this data source the effects of terrain on line-of-sight visibility of an area can be modelled, allowing the identification of those areas that can and cannot be seen because of intervening topography. Vegetation was modeled by overlaying forest cover data on top of the elevation data layer, assuming an average canopy height of 19 meters (approximately 62 feet). The extent of forest cover was determined by digitizing forested areas based on 2017 imagery. Existing building heights were not taken into consideration as part of the viewshed analysis.

Methodology

Following definition of the APE, background research was undertaken to determine the nature and extent of previously identified above ground resources. The PA SHPO on-line cultural resources database, CRGIS, was consulted to determine the presence and distribution of known eligible or listed properties. These properties are listed in *Table 1*. In addition, the Key numbers are delineated on the USGS map which also shows the pipeline route, transmission line and above ground component proposed locations (*Map 3, 4, 5*).

Historic maps, historic aerials and current aerials (*Map 6, 7, 8, 11, 12, 13, 14*) were examined and compared to indicate likely locations of above ground resources and the possible presence of rural historic districts. In addition, the Pennsylvania Agricultural Context and other related contexts were consulted to determine which property types were likely to be encountered in the field.

On October 10, 2016 a vehicular/pedestrian reconnaissance of the refined APE was undertaken to locate previously identified above ground resources, as well as newly identified resources, that based on available tax assessment data and current physical characteristics and historic map and aerial evidence, appeared to meet the 50-year age consideration of the NRHP (i.e. built before 1968; 50 years from anticipated date of completion of the project). Buildings and structures located on tax parcels that intersected, adjoined, or were adjacent to the project APE were surveyed for above-ground resources. Buildings and structures located on tax parcels that were outside the project APE were not included in the survey.

The reconnaissance was conducted from public roadways and private property, as permitted. Above-ground resources whose property boundary directly intersected the transmission line were more closely examined for both historic integrity and potential for a visual impact from the new transmission towers. To the extent possible, the relative integrity of such resources was assessed, and representative digital streetscape photographs were taken. For selected resources located within relative close proximity of the proposed undertaking, additional photographs were taken that indicated the visual relationship between the resource and the undertaking.

Background research

According to PA SHPO’s Cultural Resources Geographic Information System (CRGIS), no previous cultural resource surveys have been recorded within the vicinity of the Project APE. However, CRGIS research revealed that five (5) historic resources were mapped in close proximity or within the Project APE (*Table 1*)

Table 1: Previously Identified Resources

Key Number	Resource Name	NRHP Eligibility	Photograph	Integrity	Eligibility Recommendation
077820	More House	Eligible		Retains integrity/significance	Eligible
077796	Stamish House	Eligible – Criterion C		Retains Integrity	Eligible
077813	Roger Fields Farm	Listed	See <i>Table 2</i>	Does not retain integrity	No longer Extant
098248	Nehemiah Kitchen Farm	Eligible – Criterion A		Comparison of the Key File HRSF and current conditions show that all 6 buildings are still extant and that there is no change in character defining features that would change its eligibility.	Eligible
098217	Mather Farm	Eligible		Comparison of the Key File HRSF and current conditions show that all 6 buildings are still extant and that there is no change in character defining features that would change its eligibility.	Eligible

Table 2: Demolished Previously Identified Resources

Key Number	Resource Name	Address	Tax Parcel	Date of Demolition
077813	Roger Fields Farm	1049 North Bacton Hill Road	47-86.6-231	2001 – verified by newspaper article about Okonite and Alro Steel Building Construction and field survey



1939 Historic Image, Courtesy of Penn Pilot



2018 Image, Courtesy of Google

Context/Property Types

This section presents a summary of the historical development of the project area. This section draws primarily on previous cultural resource survey reports, cartographic and census data, and local histories. While not comprehensive, this section nonetheless aims to provide sufficient context for understanding the historical development of the project area within the broader framework of Pennsylvania history.

The project traverses the valley of Sewickley Creek, and two tributaries of Sewickley Creek: Lick Run in the western section and an unnamed stream in the eastern portion. The APE extends across Sewickley, South Huntingdon, and Hempfield Townships of Westmoreland County. Yukon is located just to the northwest of the project, the village of Wyano is located approximately 0.75 miles to the south, the Borough of New Stanton is located approximately three miles northeast, and Greensburg, the county seat, is located approximately nine miles to the northeast.

Westmoreland County was created by an Act of Assembly on February 26, 1773. The project area and Westmoreland County in general, remained sparsely populated into the nineteenth century. Settlers to the area were typically English, Scots Irish, and Pennsylvania Germans, who embarked on small-scale industry and farming endeavors. For much of the early settlement period, the area lacked access to the larger distant markets, and the main economic activities consisted of lumbering, charcoal making, and ironmaking. Farms in the area reflected these pursuits and typically consisted of large acreage of woodland, with only small areas of cleared land for the growing of crops and animal husbandry.

By the mid-nineteenth century, improved transportation networks in the area increased agricultural and industrial pursuits. Between 1850 and 1920, the region saw the production of corn and oats nearly double, with increases in wheat and rye as well. Livestock numbers remained relatively small, with beef cattle, swine, and poultry being the predominate livestock raised. While agricultural pursuits increased, the economy within Westmoreland County was based on bituminous coal extraction and coke production during this period. Farms continued to contain large tracts of woodland to fuel ovens, and most farmers subsidized their income with industrial pursuits as well (PHMC 2012).

A United States Geological Survey (USGS) topographical quadrangle map published in 1902 shows that the project area consisted of a sparsely populated region, with farmsteads and residences situated along drainages leading to Sewickley Creek. In addition, this map shows an increased transportation network within the region,

including the West Newton and Mount Pleasant Pike running east/west just to the south of the project area, and the Pittsburgh and Mount Pleasant Pike running in a northwest/southeast direction.

An aerial photograph taken in 1937 shows that the project area still maintained a rural character, with farms and farmsteads situated to the south and east of Yukon (*Map 11*). An aerial photograph taken in 1958 shows that the project area still retained its rural agricultural character, though some development has occurred extending south from Yukon into the project area (*Map 12*).

By 1971, I-70 had been constructed through the project area. An aerial photograph taken that year shows that the area had become more developed since 1958 (*Map 13*). Large industrial/commercial sites, such as the Westinghouse Site and the Menasha Corporation’s Yukon Site, had taken over farmland in the region, and residential development to the south of Yukon had also increased.

The APE is located entirely within the *Allegheny Mountains Part-Time & General Farming* agricultural region, as defined in the PHMC’s *Historic Agricultural Resources of Pennsylvania, c 1700-1960*. A brief recap of the farming eras and property registration requirements and landscape features are listed below for reference.

General Overview of Allegheny Mountains Part-Time & General Farming Context

<p>1830 – 1850 “Diversified Farming and Small-Scale Industry”</p>	<p>A farmstead should include at minimum a dwelling and outbuilding dating from the period. A farm should include the farmstead elements named above, plus significant acreage with at least traces of field patterns, fencing, boundaries, pathways, streams, or woods.</p>	<p>Woodlands dominated. The topography is hilly in most of the region, so fields were probably irregularly shaped. Pasture and meadow made up the bulk of cleared farm areas. Rail fencing would likely persist here later than in other regions.</p>
<p>1850 – 1920 “Diversified Farming and Large-Scale Industry”</p>	<p>A farmstead should include at minimum a dwelling, a barn typical of the period, and at least two outbuildings typical of the specific area and dating to the period. A farm should include the farmstead elements named above, plus acreage of the original farm tract; and at least two relict landscape elements such as traces of field patterns, mine shafts, fencing, boundaries, streams, or woods.</p>	<p>Clearings, small irregularly shaped fields, hedgerows, tree lines, wood-and-wire fencing, woodlots.</p>
<p>1920 – 1960 “Diverse Production, Depression, and Part-Time Farming”</p>	<p>A farmstead should have at minimum a dwelling and one outbuilding or structure. For farmsteads associated historically with dairying in urban milksheds, dairy barns, 61 Allegheny Mountain Part-Time and General Farming, 1840-1960 alterations, and milk houses should be present. A farm should have a small remaining acreage and include some relict landscape features such as tree lines and fields. For townships in dairy milksheds, greater farm acreage should be present.</p>	<p>Larger more commercial sized farms would include small, square-ish fields; fields defined by tree lines, fences, and hedges; clumps of trees in fields, for livestock shade and shelter; fencing mostly of wood-and-wire; woodlots; ornamental plantings near houses.</p>
<p>1830 – 1960 “change over time”</p>	<p>A farmstead could show change over time through the presence of one or two early buildings (probably most often a dwelling); and presence of later of agricultural buildings (for example, a 19th century barn, a 20th century silo and milk house) .In the case of dairying areas, there should be outbuildings that reflect the diversified phase of the 19th and early 20th centuries (smokehouses, spring houses, etc.) and the shift to fluid milk dairying in the middle decades of the 20th century (silo, milk house). For dwellings, this might mean ell additions, porches, the disappearance, or reuse of productive spaces such as summer kitchens; for barns, it could mean additions for more space, windows for more light, reorientation of stalls, addition of hay tracks, etc. Thus, in this region, there should be outbuildings that can be effectively related to family labor, including women’s labor. A farm could show change over time through farmstead changes as described above; plus, consolidation of fields; introduction of mine shafts; renegotiation of boundaries; evidence of shifting crop or livestock management practices</p>	

Recommendations

The results of the field reconnaissance are presented in table format with references to aerial maps and field photographs (see appended table, maps, and photographs). It includes resource name and address, municipality, transmission line/pipeline mile post, parcel ID #, Resources Description (property size in acres, type(s) of building(s)/structure(s) with date(s) of construction and a total number of buildings/structures), recommended status/further documentation and/or justification and photograph(s). Parcel ID #s were extracted from online tax assessment data (Westmoreland County n.d.).

CRGIS listed twenty previously identified historic resources within the project APE (*Maps 1-5*). Of these resources, five are located within the refined project APE and were surveyed. The results of background research and field verification are summarized in *Table 1 and 2*.

A total of thirteen newly identified resources were recorded and preliminary recommendations of National Register eligibility were made as part of the survey. Of these resources, seven appear to be potentially NRHP-eligible. The results are summarized in *Table 3*; wherein the resources are presented in the order in which they are encountered in the project APE, moving from west to east. The APE is generally more rural in development along Claremont Road with a few mid-twentieth century single-family homes near the intersection of Claremont and Shady Lane. These residences are mostly one-story Ranch-style dwellings from c.1955-1965 which retain high integrity, but do not possess the significance to merit individual eligibility or eligibility collectively as a district. The field reconnaissance also identified several nineteenth-century farms along Claremont Road and Shady Lane; of which five appear to meet the registration requirements for the *Allegheny Mountains Part-Time & General Farming* agricultural region. Two do not appear to meet the registration requirements as none include extant agriculture buildings, such as a historic barn or outbuildings, necessary to convey their significance as historic properties.

Table 3: Newly Identified, Undetermined and Previously Evaluated Above Ground Resources within Project Area

Survey # Key # Milepost Map #	Resource Name/Address	Municipality	Parcel ID #	Resource Description Date of Construction	Proposed Work/Impacts/ Preliminary Assessment of Effects	NR Status/Recommended Status/Further Documentation/Justification	Photo
FS 02 077820 MP 1684 Map 3	More House 325 Huntingdon Road, Ruffsdale, PA	South Huntingdon Township, Westmoreland County	21-19- 1655-033	2-story stone house c. 1859	None	Eligible (1976) Criterion A No change No Further Documentation Retains Integrity	
077796 MP 1685 Map 3	Stamish House 1492 Main Street, Sewickley, PA	South Huntingdon Township, Westmoreland County	21-19- 1411-009	2-story frame house c.1890	Within viewshed of 90- foot transmission line pole None Integrity of Setting and Feeling are not critical to ability to convey significance	Eligible (2000) Criterion C No Change No Further Documentation Retains Integrity	
077813 MP 1685 Map 3	Roger Fields Farm 1049 North Bacton Hill Road, Ruffsdale, PA	South Huntingdon Township, Westmoreland County	21-19- 1512-001	Four Industrial buildings 2001	None	Not Eligible (2017) Demolished No Further Documentation No Longer Retains Integrity See Table 2	

098248 MP 1687 Map	Nehemiah Kitchen Farm 669 Zaners Road, Wyano PA	South Huntingdon Township, Westmoreland County	21-19- 1618-004	Farm (six buildings/ structures) 150 acres 1850 house, 1910 bank barn with 1920 milking house, 1920 silos, a 1940 drive through corn crib and 1960 machine shed, woodlot, fencerows, pond	Within viewshed of 90- foot transmission line pole Potential Indirect Effect Potential Adverse Effect	Eligible (2005) No Change No Further Documentation	
098217 MP 1688 Map 5	Mather Farm 2033 Rorhsb urg Road, Wyano PA	South Huntingdon Township, Westmoreland County	21-19- 1621-014	Farm (six buildings/ structures) 200 acres 1900 house, 1915 bank barn with 1920 milking house, 1920 silos, a 1940 drive through corn crib and 1960 machine shed, wood lot, stone pasture fencing, ten- acre orchard	Within viewshed of 90- foot transmission line pole Potential Indirect Effect Potential Adverse Effect	Eligible (2008) No Change No Further Documentation	
FS 01 MP 1681.5 Map 3	Abram Farm, 820 York Road, Wyano PA	South Huntingdon Township, Westmoreland County	59-06-00- 0-147	Farm (seven buildings/ structures) 130 acres 1870 house, 1900 gambrel roof bank barn with 1920 milking house, two 1920 silos, a 1940 drive through corn crib and 1960 machine shed, and two or more relic landscape features including a ten-acre orchard	Pipeline ROW goes through the historic orchard, and the ROW will be within 50 feet of barn and drive-through corn crib. Potential for effects due to loss of significant landscape feature and ROW location. Potential Adverse Effect	Potentially Eligible / Full HRSF Potential for Effect. The property meets the Ag context/property registration requirements for the periods 1850-1920 "Diversified Farming and Large-Scale Industry period as it contains a period dwelling, barn typical of the period, at least two outbuildings typical of the area and dating to the period, as well as acreage of the original farm tract and traces of field patterns, woods and orchard. It also represents the 1920-1960 "Diverse Production, Depression and Part- Time Farming" Period with the existence of the milk house.	

<p>FS 03 MP 1682.5 Map 3</p>	<p>Potter Farm, 863 Farm Lane Road, Wyano PA</p>	<p>South Huntingdon Township, Westmoreland County</p>	<p>59-10-00- 0-166</p>	<p>Farmstead (three buildings) 3 acres c.1800 house and summer kitchen, and 1925 chicken house. The 1900 bank barn burned down in 2005 and was replaced with a pole barn in 2006.</p>	<p>None. No impact to resource due to HDD bore</p>	<p>No Potential for Effect No Further documentation</p>	
<p>FS 04 MP 1683 Map 4</p>	<p>Reitz Farm, Intersection of LR 0041 and LR 0023, Wayno PA</p>	<p>South Huntingdon Township, Westmoreland County</p>	<p>58-20-00- 0-013</p>	<p>Farm (10 buildings/ structures) 568 acres 1830 dwelling, 1830 summer kitchen, 1890 smokehouse, 1850 barn, 1920 keystone corn crib and drive-through double corn crib, 1930 corn crib, 1940 milk house, 1940 chicken house, and 1960 dairy barn.</p>	<p>Not within the viewshed of Transmission Line; HDD under LR 0041 only, the pipeline does not cross the property parcel</p>	<p>Potentially Eligible No Potential to Effect No Further Documentation</p>	

<p>FS 05 MP 1683.5 Map 4</p>	<p>Service Station 599 Waltz Mill Road, Ruffsdale, PA</p>	<p>Sewickley, Westmoreland County</p>	<p>58-19-00- 0-019</p>	<p>Mid-twentieth century concrete block service station c. 1960</p>	<p>Construction of transmission line pole in front parking lot</p>	<p>No Potential for Effect No Further documentation Setting and feeling are not critical to ability to convey significance</p>	
<p>FS 06 MP1684.5 Map 4</p>	<p>Reinstadtler House 288 Huntingdon Road Wyano, PA</p>	<p>South Huntingdon, Westmoreland County</p>	<p>59-07-00- 0-041</p>	<p>Late-nineteenth century dwelling</p>	<p>Pipeline ROW through rear yard; No Changes to Landscape Features</p>	<p>Potentially Eligible for Criterion C(Architecture) No Potential for Effect No Further documentation</p>	

<p>FS 07 MP 1684.7 Map 4</p>	<p>Farm 1169/1171 Claremont Road, Ruffsedale, PA</p>	<p>Sewickley, Westmoreland County</p>	<p>21-07- 0467-031</p>	<p>Farm (seven buildings/ structures) 125 acres</p> <p>1169 Claremont Rd: 1- story Ranch style frame dwelling with brick veneer constructed 1998</p> <p>1171 Claremont Rd: c. 1880 1-story 5-bay Queen Anne style frame dwelling with cross-gable roof; 1890 frame Pennsylvania Barn; 1940 concrete block garage; 1920 frame shed, 1910 brick silo; 1940 milk house.</p>	<p>Proposed permanent access road</p> <p>The 1920 frame shed is proposed to be demolished as the access road will traverse off the main road at that location</p> <p>Potential Direct Effect</p> <p>Potential Adverse Effect</p>	<p>Potentially Eligible/Full HRSF/Potential Effect</p> <p>The property meets the agricultural context/property registration requirements for the periods 1850-1920 “Diversified Farming and Large- Scale Industry period as it contains a period dwelling, barn typical of the period and at least two outbuildings typical of the area and dating to the period, as well as acreage of the original farm tract and traces of field patterns, woods and orchard. It also represents the 1920- 1960 “Diverse Production, Depression and Part-Time Farming” Period with the existence of the milk house.</p>	<p>Photo 17: View toward proposed transmission line from 437 Brookhollow Lane, facing southeast</p> <p>Photo 18: View of dwelling at 1171 Claremont Road, facing southwest</p> <p>Photo 41: View of Pennsylvania Barn at 1171 Claremont Road, facing north-west</p> <p>Photo 42: View of Pennsylvania Barn at 1171 Claremont Road, facing north-west</p>
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<p>FS 08 MP 1685.3 Map 4</p>	<p>Farm 1150 Claremont Road, Ruffsedale, PA</p>	<p>South Huntingdon Township, Westmoreland County</p>	<p>21-08- 0575-005</p>	<p>Farm (seven buildings) 85 acres c. 1856 2.5-story 3-bay brick dwelling, 1-story attached frame 1860 summer kitchen; 1860 stone bake oven; 1880 frame Pennsylvania Barn; 1890 frame machine shed; 1900 frame machine shed/corn crib; 1900 concrete block ice house; 1940 frame chicken house.</p>	<p>Construction of transmission line tower on parcel property, within 100 feet of the barn</p> <p>Potential indirect and direct effects</p> <p>Potential Adverse Effect</p>	<p>Potentially Eligible/Full HRSF/Potential Effect</p> <p>The property meets the agricultural context/property registration requirements for the periods 1850-1920 “Diversified Farming and Large- Scale Industry period as it contains a period dwelling, barn typical of the period and at least two outbuildings typical of the area and dating to the period, as well as acreage of the original farm tract and traces of field patterns, woods and orchard. It also represents the 1920- 1960 “Diverse Production, Depression and Part-Time Farming” Period with the existence of the milk house.</p>	 <p>Photo 1. View of dwelling at 1150 Claremont Road, facing southeast.</p> <p>Photo 2. View of shed at 1150 Claremont Road, facing southwest.</p> <p>Photo 3. View of shed at 1150 Claremont Road, facing northwest.</p> <p>Photo 4. View of machine shed and machine shed/corn crib at 1150 Claremont Road, facing southeast.</p> <p>Photo 5. View of machine shed and machine shed/corn crib at 1150 Claremont Road, facing southeast.</p> <p>Photo 6. View of Pennsylvania Barn at 1150 Claremont Road, facing southeast.</p> <p>Photo 7. View of Pennsylvania Barn at 1150 Claremont Road, facing northwest.</p> <p>Photo 8. View of chicken house at 1150 Claremont Road, facing southeast.</p>
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<p>FS 09 MP 1685 Map 4</p>	<p>House 1200 Claremont Road, Ruffsdale PA</p>	<p>Sewickley, Westmoreland County</p>	<p>21-19- 1633-015</p>	<p>1-story ranch style frame house with side-gable roof 1963</p>	<p>Pipeline ROW through rear yard; No Changes to Landscape Features</p>	<p>No Potential for Effect/No Further documentation</p>	
<p>FS 10 MP 1685.7 Map 4</p>	<p>House 1204 Claremont Road, Ruffsdale PA</p>	<p>Sewickley, Westmoreland County</p>	<p>21-19- 1633-014</p>	<p>1-story ranch style frame house with side-gable roof 1955</p>	<p>Pipeline ROW through rear yard; No Changes to Landscape Features</p>	<p>No Potential for Effect/No Further documentation</p>	

<p>FS 11 MP 1685.7 Map 4</p>	<p>House 1206 Claremont Road, Ruffsedale, PA</p>	<p>Sewickley, Westmoreland County</p>	<p>21-19- 1633-013</p>	<p>1-story ranch style frame dwelling with side-gable roof and projecting front-gable 1965</p>	<p>Pipeline ROW through rear yard</p>	<p>No Potential for Effect/No Further documentation</p>	
<p>FS 12 MP 1685.9 Map 4</p>	<p>Cowden Farm 193 Hornhead Road, Hickory, PA</p>	<p>Hempfield Township, Westmoreland County</p>	<p>460-09- 00-00- 0028-00</p>	<p>Farm (10 buildings) 47 acres c. 1910 dwelling, c. 1910 wagon shed, c. 1950 barn, c. 1950 machine shed, c. 1950 root cellar, c. 1970 shed, c. 2000 canvas barn, c. 2000 animal shelter, c. 2010 shed, c. 2012 pole barn. Original barn and other outbuildings demolished c. 1970. Farm has undergone loss of cropland due to reforestation.</p>	<p>Pipeline ROW through agricultural crop field only</p>	<p>No Potential for Effect/No Further Documentation</p>	

<p>FS 13 Map 5</p>	<p>Compressor Station 432 Stambaugh Lane, Wyano, PA</p>	<p>South Huntingdon Township, Westmoreland County</p>	<p>460-021-00-00-0006-00</p>	<p>Compressor Station c 1960</p>	<p>The current compressor station may be demolished</p> <p>Potential Direct Effect</p> <p>Potential Adverse Effect</p>	<p>Potentially Eligible/Full HRSF/Potential Effect</p>	
<p>098200 Map 5</p>	<p>Jones Farm Old Valley Road and North Bacton Hill Road, Wyano, PA</p>	<p>South Huntingdon Township, Westmoreland County</p>	<p>21-04-0467-029</p>	<p>Farm (seven buildings/structures) 325 acres 1800 2.5-story 5-bay Georgian style brick dwelling with side-gable roof with attached summer kitchen; 1830 frame Pennsylvania Barn; frame pole barn; 1910 frame chicken house; 1910 frame machine shed; 1940 concrete milk house; 1935 brick silo</p>	<p>Site of proposed Compressor Station construction on agricultural land</p> <p>Potential Direct and Indirect Effects</p> <p>Potential Adverse Effect</p>	<p>Potentially Eligible HRSF</p> <p>Potential for Effect</p> <p>The property meets the agricultural context/property registration requirements for the periods 1850-1920 “Diversified Farming and Large-Scale Industry period as it contains a period dwelling, barn typical of the period and at least two outbuildings typical of the area and dating to the period, as well as acreage of the original farm tract and traces of field patterns, woods and orchard. It also represents the 1920- 1960 “Diverse Production, Depression and Part-Time Farming” Period with the existence of the milk house.</p>	

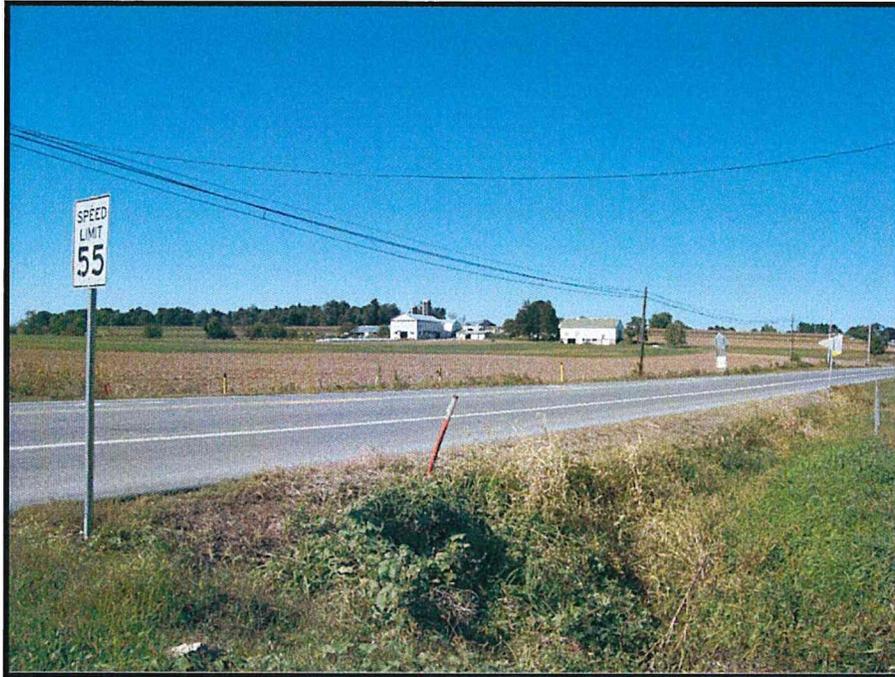


Photo 1 View of pipeline corridor crossing State Route 272 with FS-10 in background near MP 1685.4, looking northwest (ABC 10/2016). Three pipelines cross diagonally through the agricultural field to the left of image. The pipelines are marked by the yellow poles on the west side of the road.



Photo 2 View of pipeline corridor from Silver Spring Road near MP 1685.2, looking southwest (ABC 10/2016). The pipeline passes diagonally from the yellow pole at the right of the image through the gap in the tree line. A few trees will be removed to widen the existing corridor.

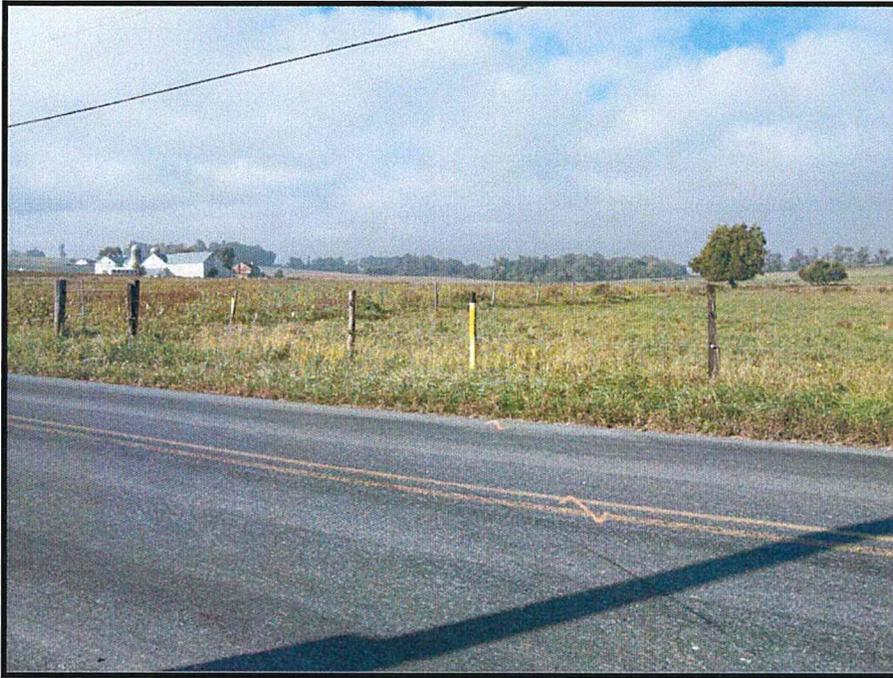


Photo 3 View along pipeline corridor near MP 1691.1 looking southwest with FS-20 in background (ABC 10/2016). Corridor is marked with yellow pole. Fields and pasture remain in active use.

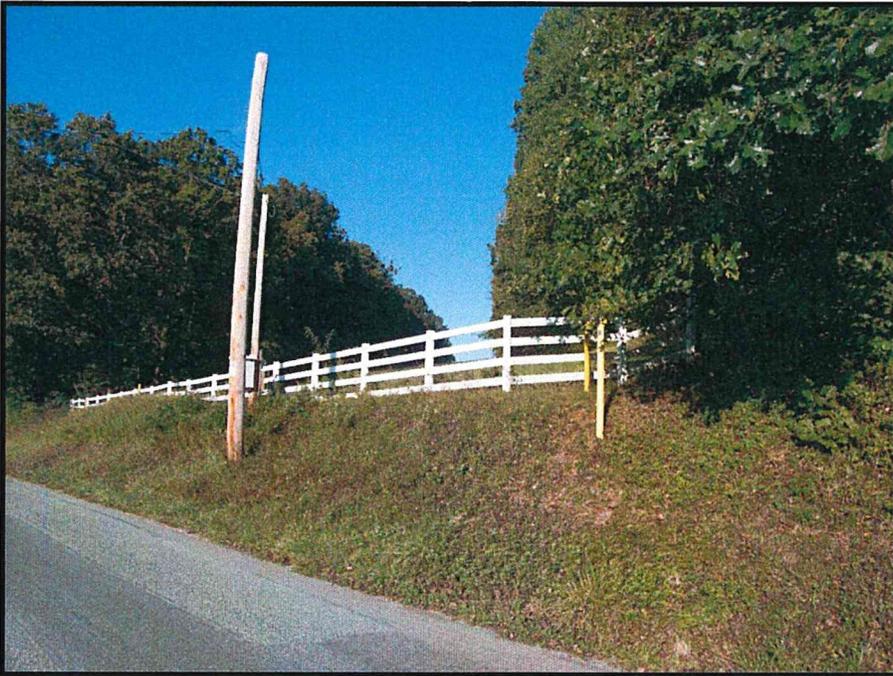


Photo 4 View of existing pipeline corridor through wooded area near MP 1682 on PA Key No. 77818, looking northeast (ABC 10/2016). Select trees will be removed along the north side of the corridor to accommodate the new pipeline loop.



Photo 5 View of pipeline corridor near MP 1689.9 looking southwest (ABC 10/2016).

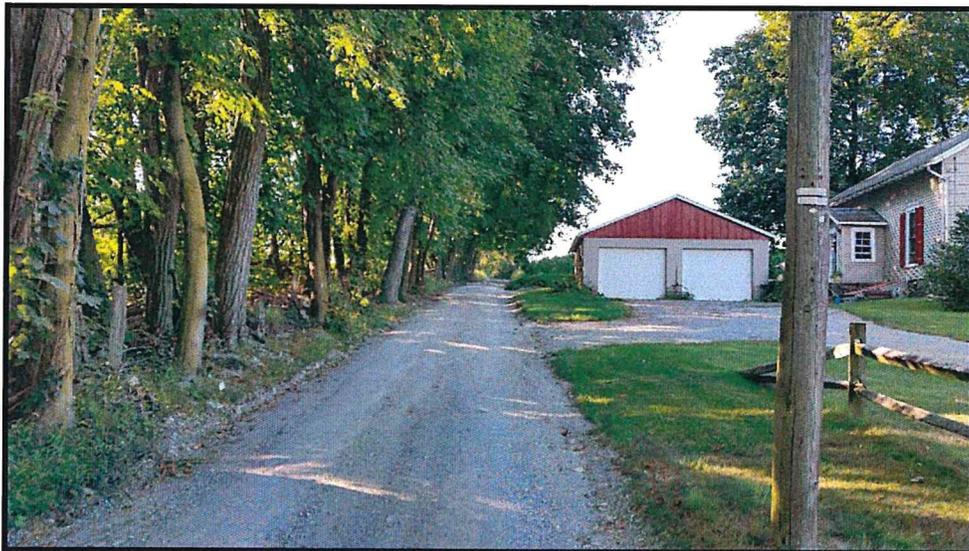


Photo 6 View of TAR-LA-004 near MP 1684.2, looking south (ABC 10/2016). Existing road will require no modification.



Photo 7 View south along Hess Road toward Valve Site 195-10 from approximately 0.19 mile (ABC 10/2016).



Photo 8 View northwest from Hess Road from approximately 0.24 miles southwest of Valve Site 195-10 (ABC 10/2016).



Photo 9 CS200 Building B, looking northwest (ABC 11/2013). New compressor building will be similar in appearance.



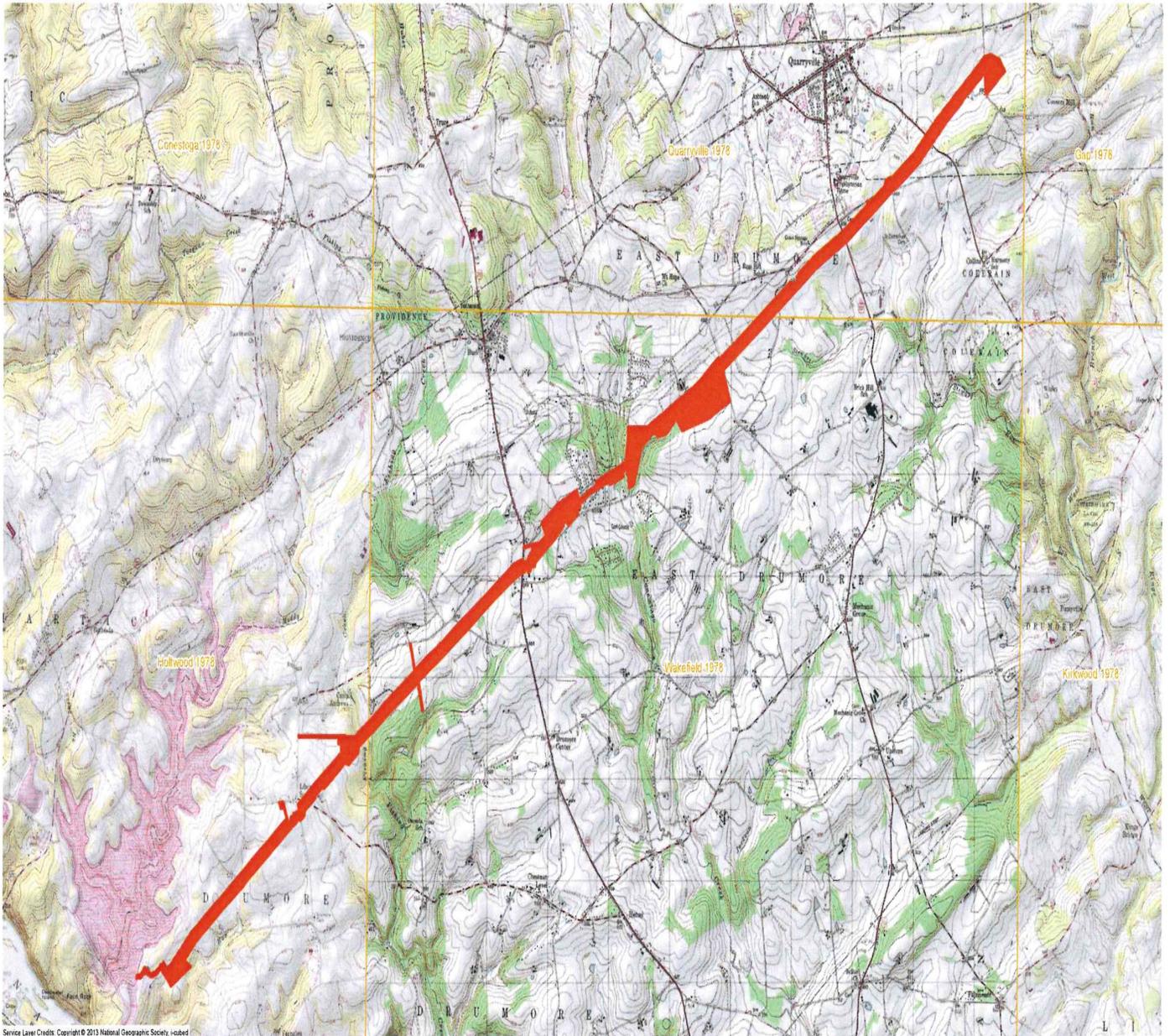
Photo 10 Field east of Compressor Building B, looking north, showing location of proposed new compressor building with commercial buildings beyond treeline (ABC 11/2013).



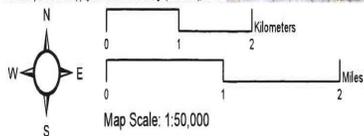
Photo 11 Field east of Compressor Building B, looking east, showing location of proposed new compressor building and view eastward (ABC 11/2013). Trees line North Bacton Hill Road.



Photo 12 View looking southeast of proposed new compressor building location (ABC 11/2013).



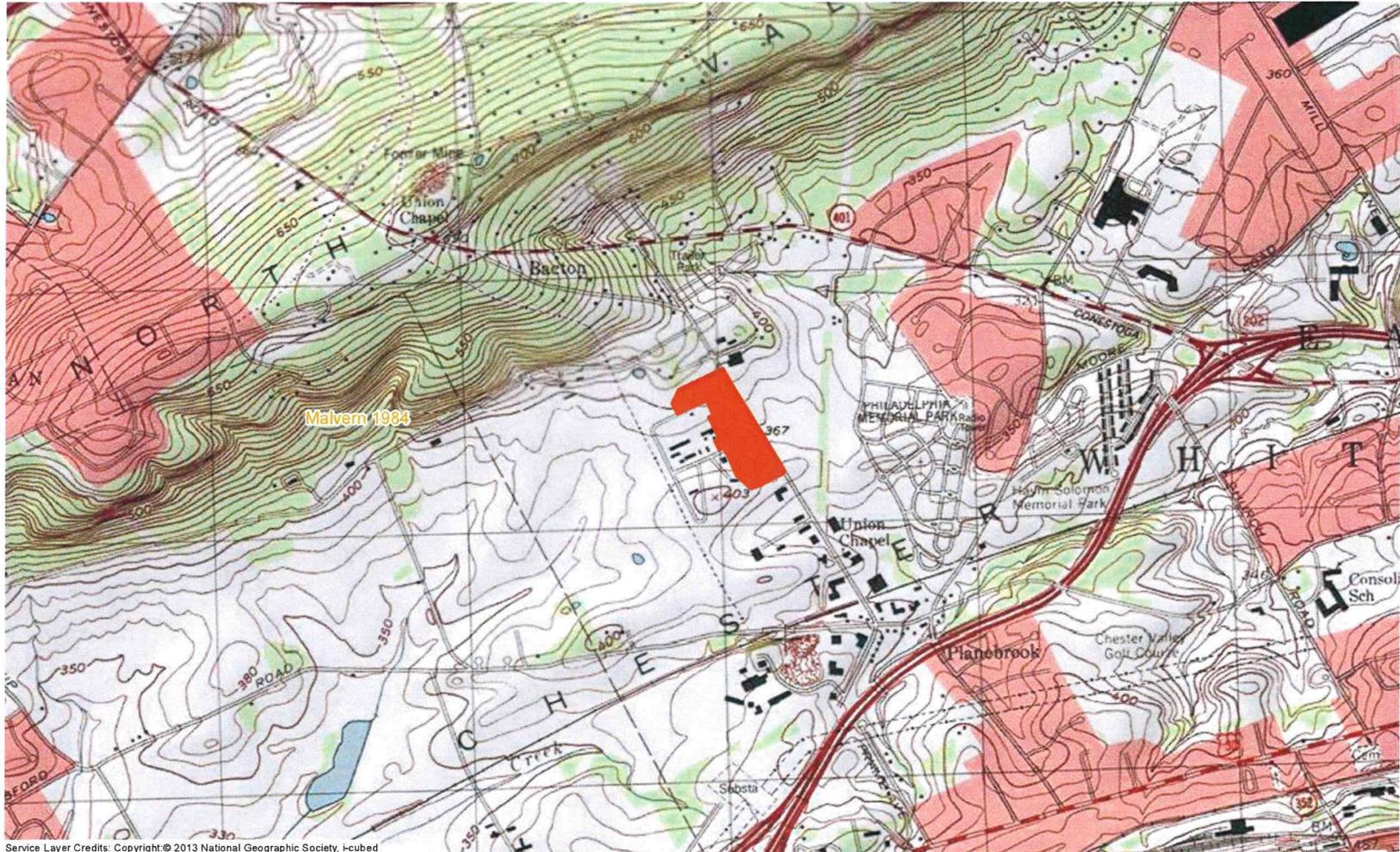
Service Layer Credit: Copyright © 2013 National Geographic Society, Inc.



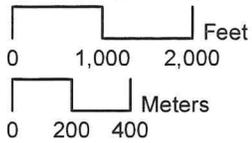
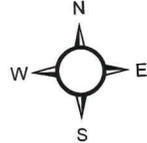
Spatial Reference System: SI:PIPA / NAD 83

- Survey Corridor
- Quad Sheet Boundary

Map 1
XYZ Natural Gas Pipeline and Transmission Line ,
Westmoreland County, PA USGS 7.5' QUADRANGLE MAP



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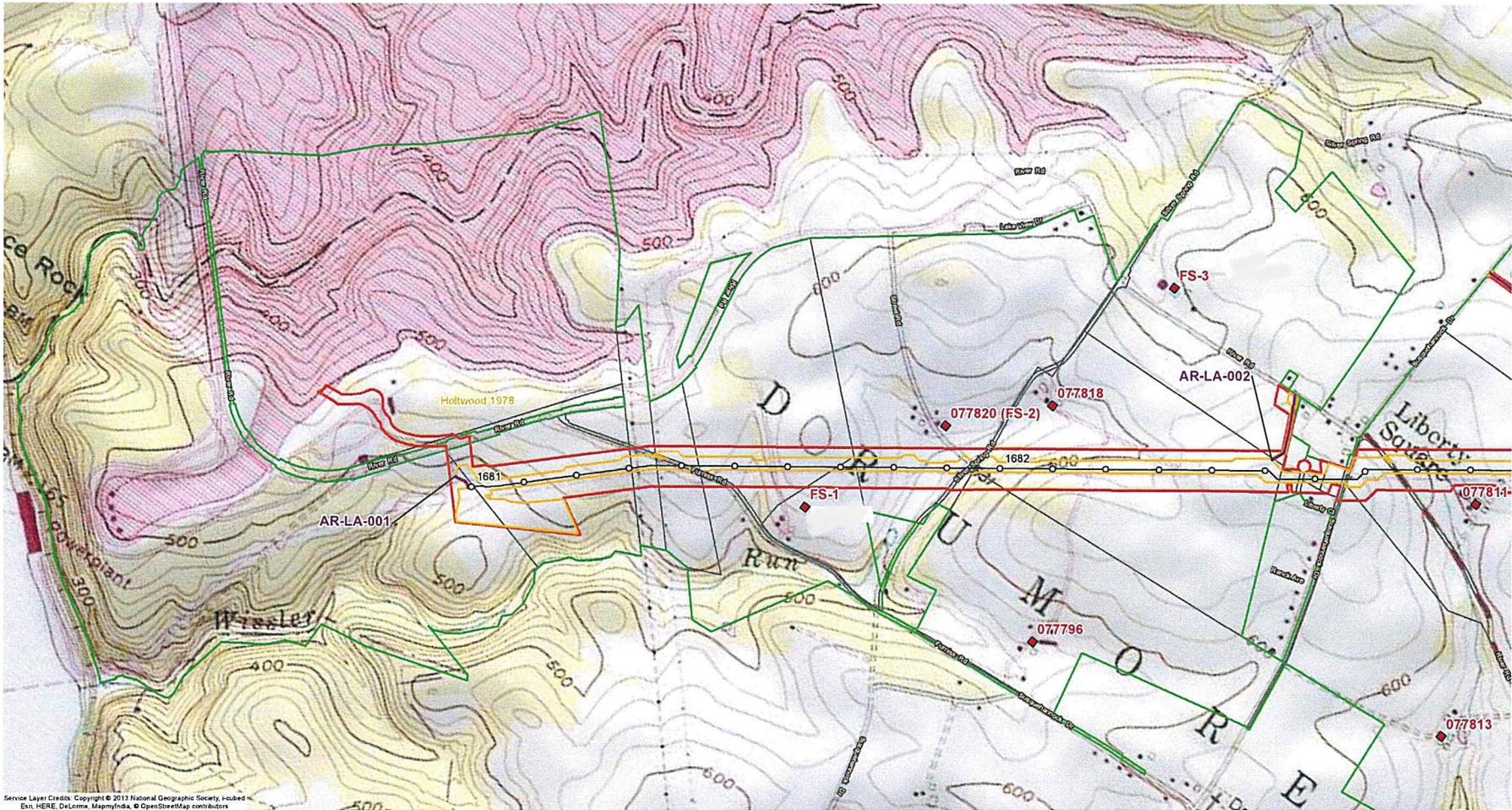
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Scale 1:24,000

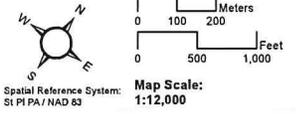
- Limit of Disturbance
- USGS 7.5' Quad Sheet

Map 2 Location of Compressor Station
XYZ Natural Gas Pipeline and Transmission Line , Westmoreland County, PA

USGS 7.5' QUADRANGLE MAP

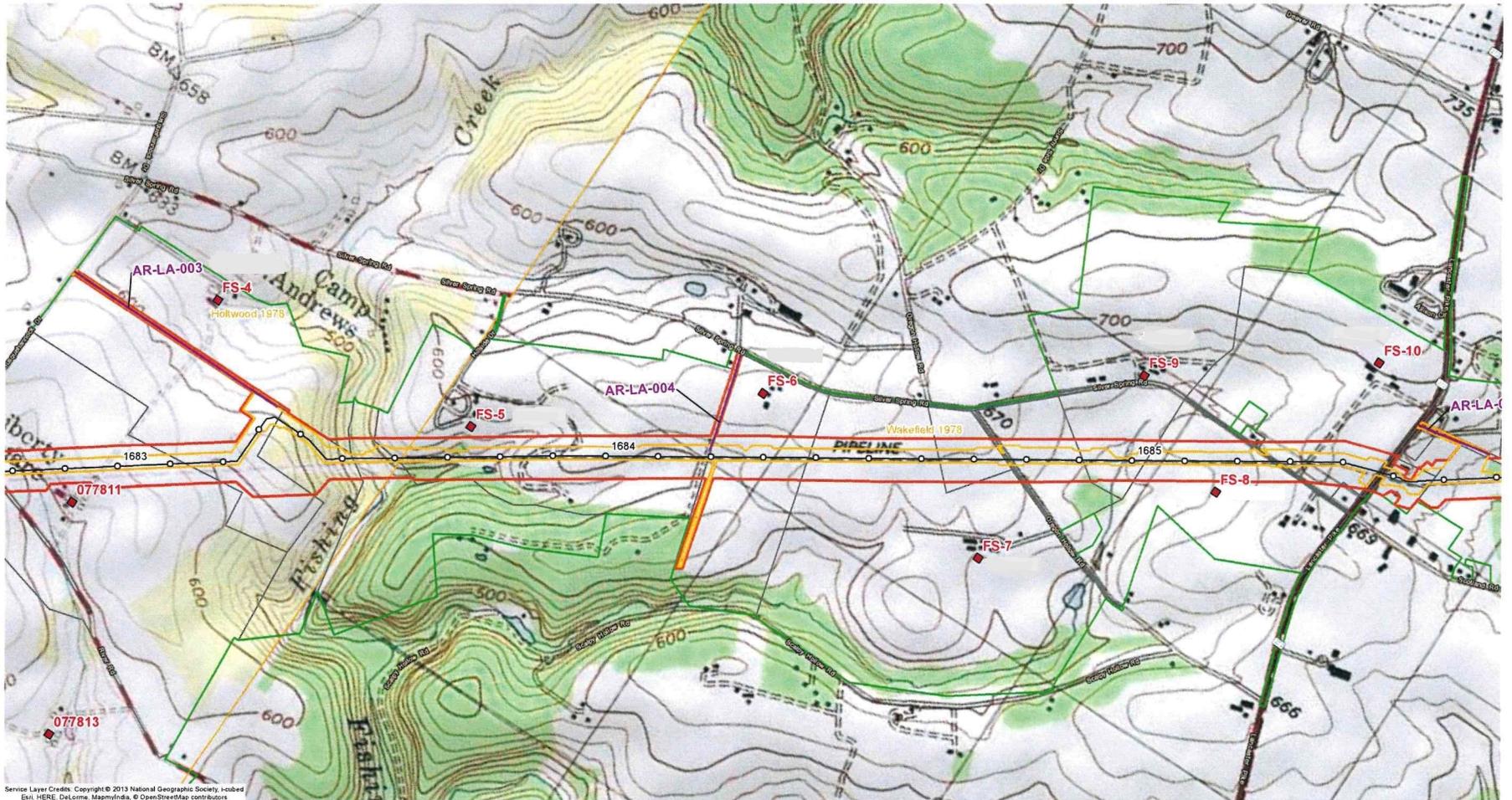


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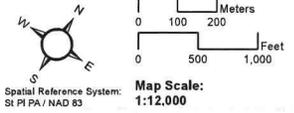


- Built Resources
- Mile Post
- Centerline
- Access Road
- Limits of Disturbance (LOD)
- ▭ Survey Corridor
- ▭ Parcel Boundary
- ▭ Area of Potential Effect (APE)

Map 3 XYZ Natural Gas Pipeline and Transmission Line,
Westmoreland County, PA
ARCHITECTURAL SURVEY RESULTS (QUAD)

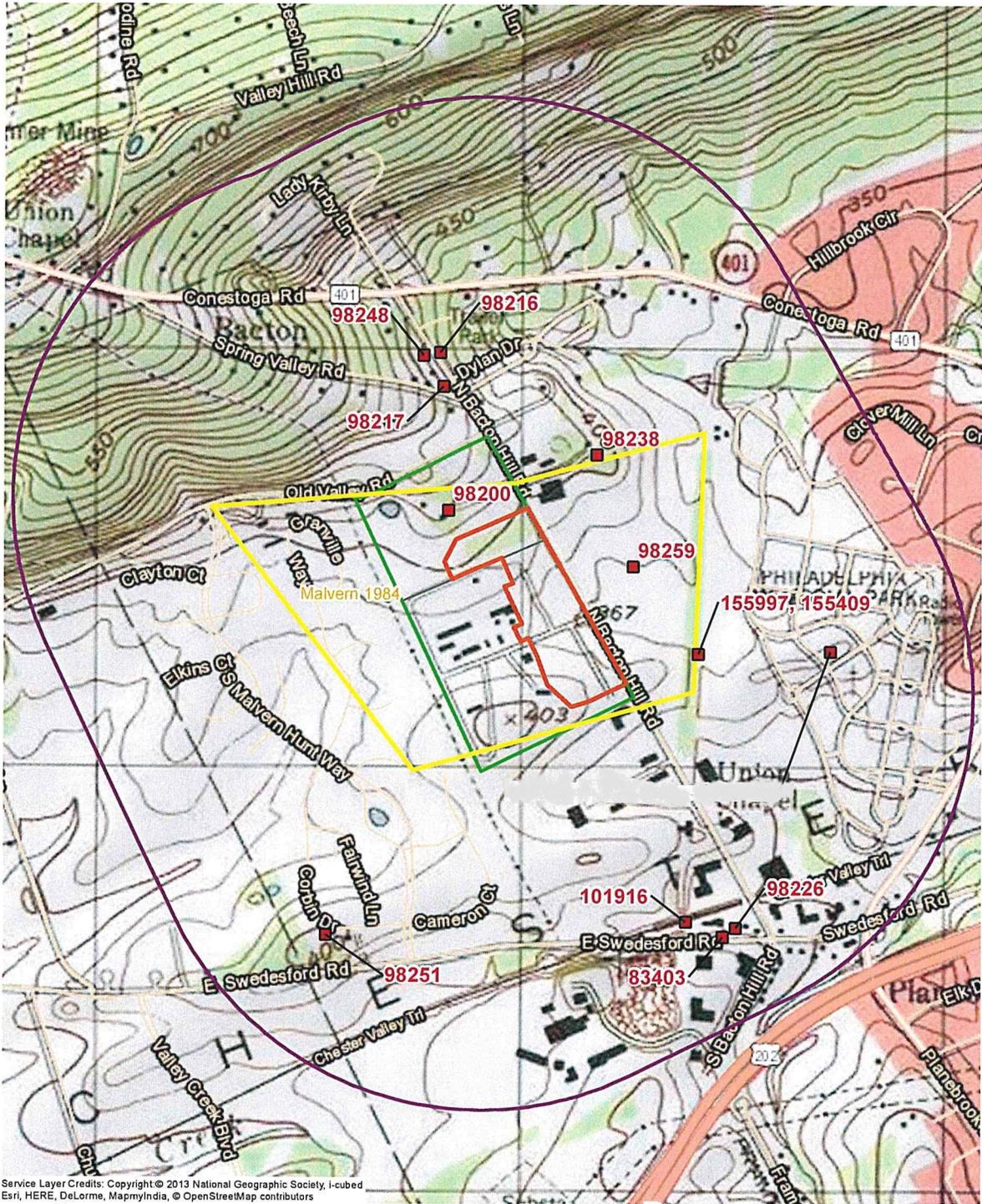


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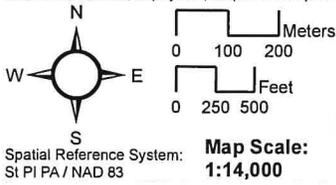


- Built Resources
- Mile Post
- Centerline
- Access Road
- ▭ Limits of Disturbance (LOD)
- ▭ Survey Corridor
- ▭ Parcel Boundary
- ▭ Area of Potential Effect (APE)

Map 4 XYZ Natural Gas Pipeline and Transmission Line,
 Westmoreland County, PA
 ARCHITECTURAL SURVEY RESULTS (QUAD)



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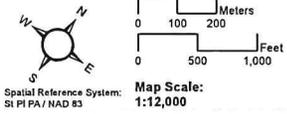
- Built Resources
- Survey Area
- Parcel Boundary
- Boundary
- Visual APE Study Area
- Visual APE Refined

Map 5 XYZ Natural Gas Pipeline and Transmission Line , Westmoreland County, PA

ARCHITECTURAL SURVEY RESULTS (QUAD)



Service Layer Credits: Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

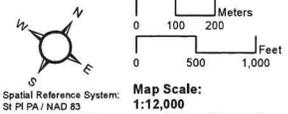


- Built Resources
- Mile Post
- Centerline
- Access Road
- ▭ Limits of Disturbance (LOD)
- ▭ Survey Corridor
- ▭ Parcel Boundary
- ▭ Area of Potential Effect (APE)

Map 6 XYZ Natural Gas Pipeline and Transmission Line, Westmoreland County, PA

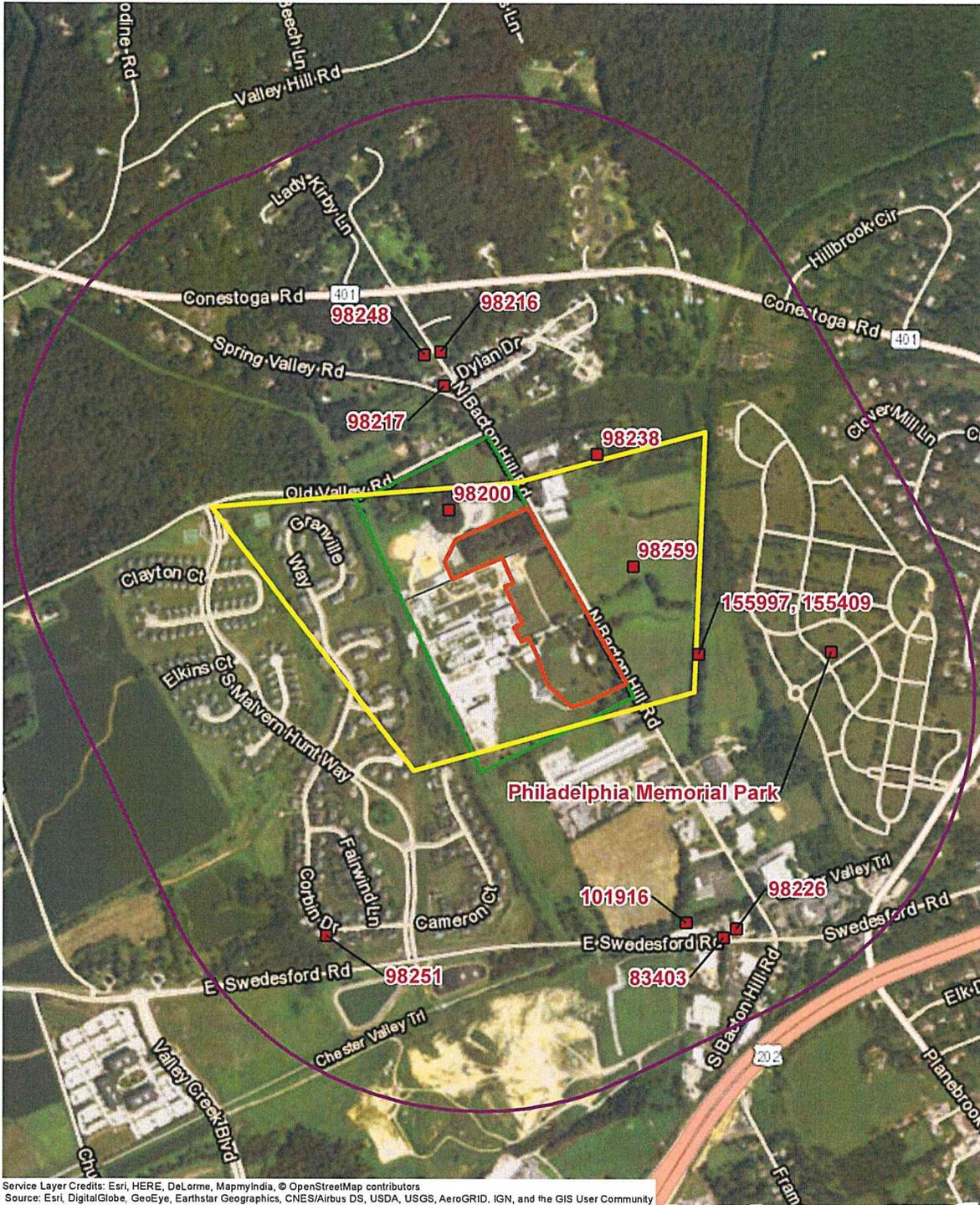


Service Layer Credits: Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

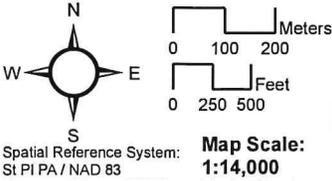


- Built Resources
- Mile Post
- Centerline
- Access Road
- Limits of Disturbance (LOD)
- Survey Corridor
- Parcel Boundary
- Area of Potential Effect (APE)

Map 7 XYZ Natural Gas Pipeline and Transmission Line, Westmoreland County, PA
 ARCHITECTURAL SURVEY RESULTS (AERIAL)



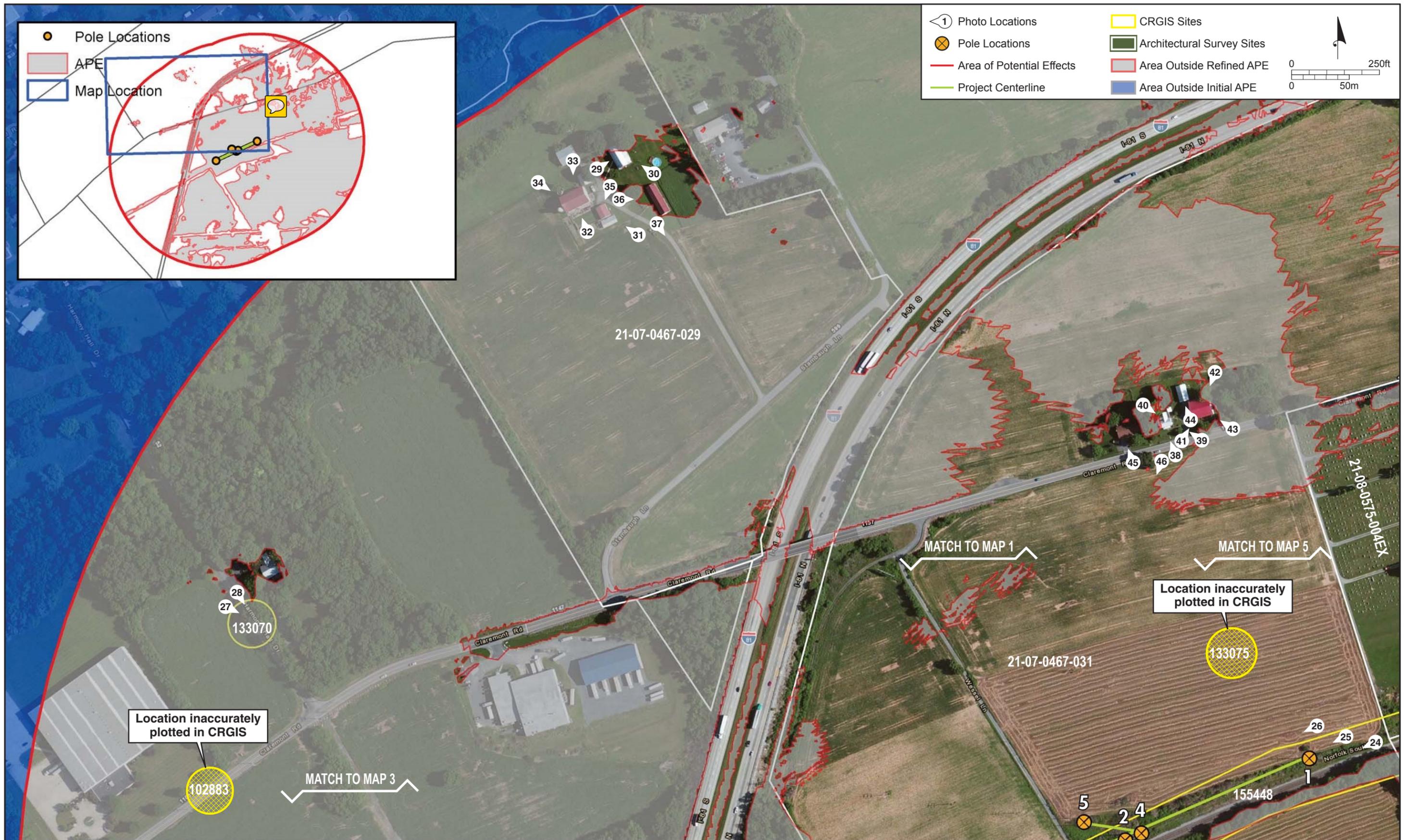
Service Layer Credits: Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors
 Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

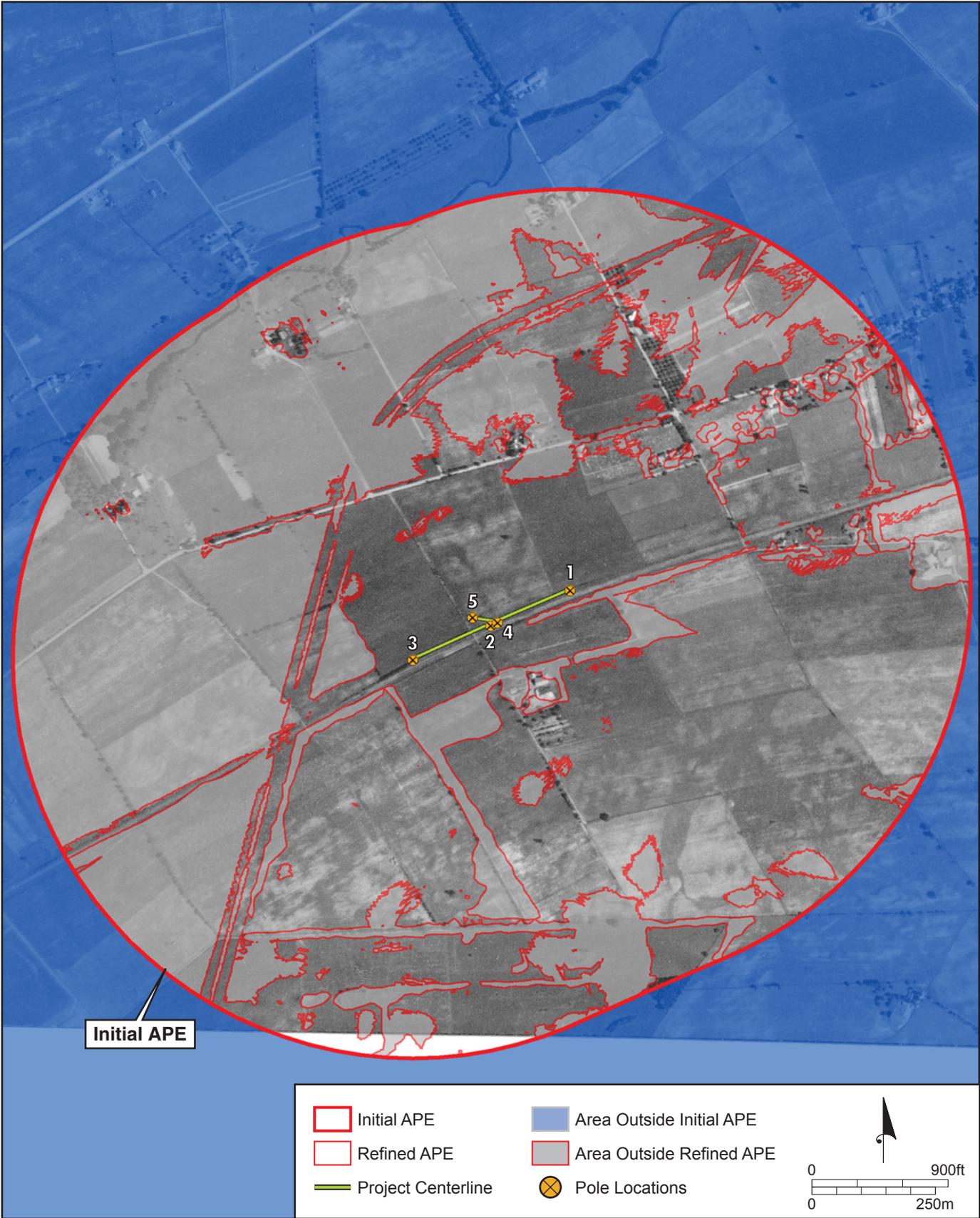


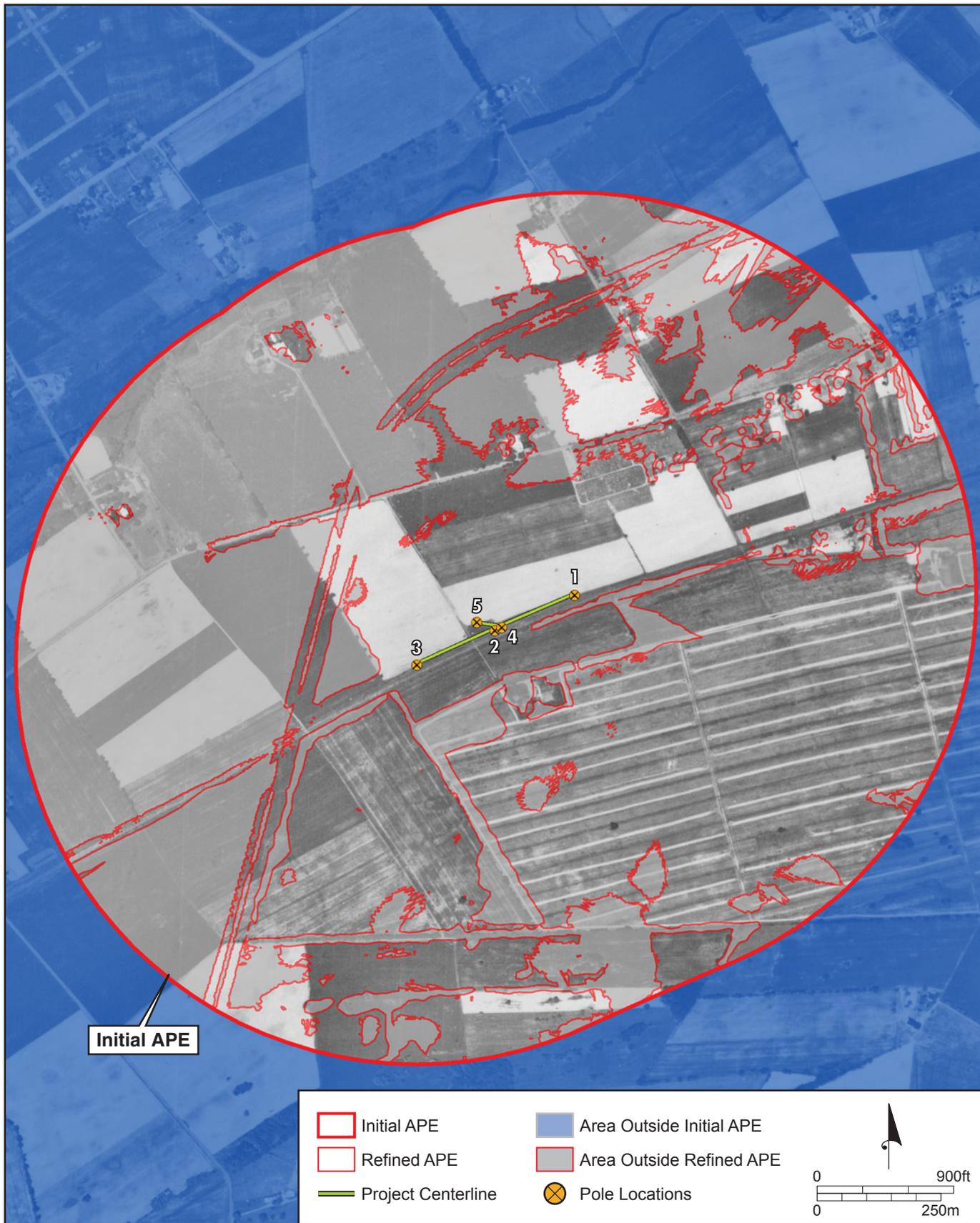
- Built Resources
- Survey Area
- Parcel Boundary
- Visual APE Study Area
- Visual APE Refined

Map 8 Compressor Station XYZ Natural Gas Pipeline and Transmission Line, Westmoreland County, PA

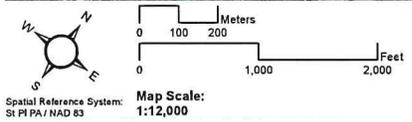
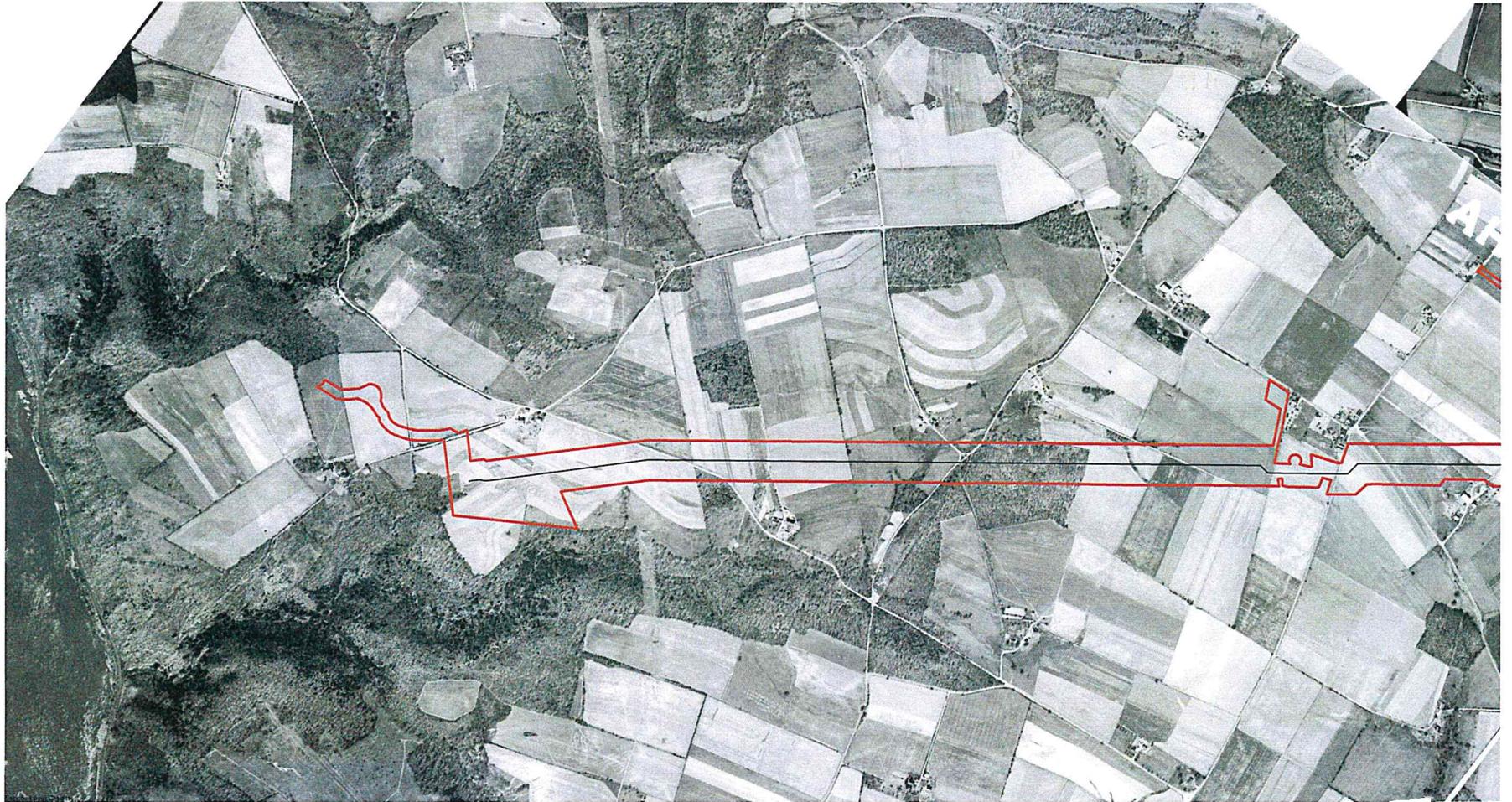
ARCHITECTURAL SURVEY RESULTS (AERIAL)





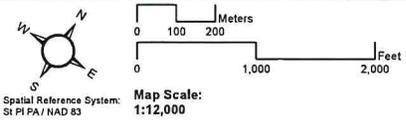
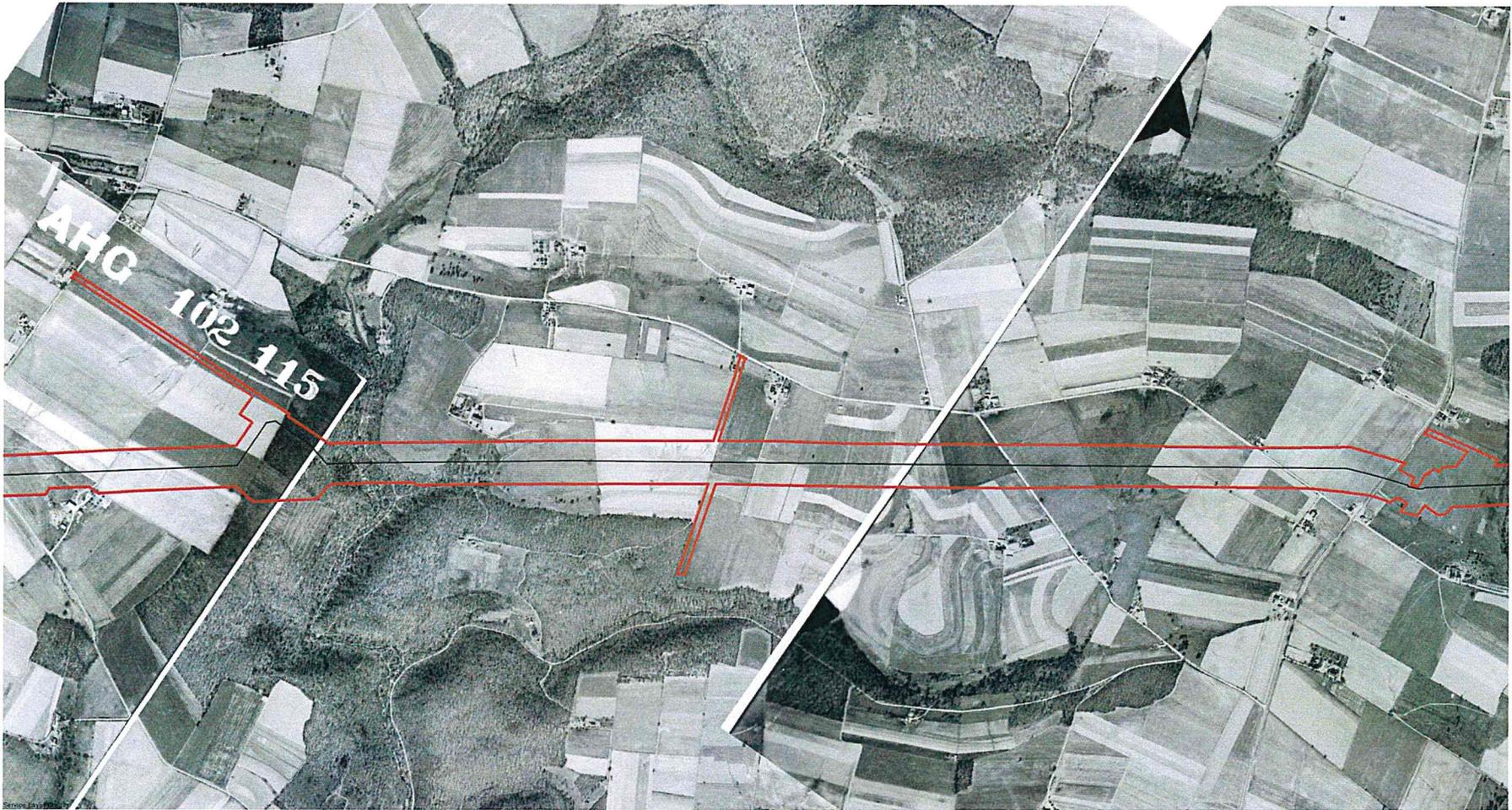


Map 10 XYZ Natural Gas Pipeline and Transmission Line, Westmoreland County, PA



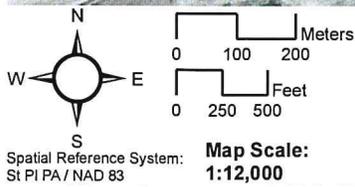
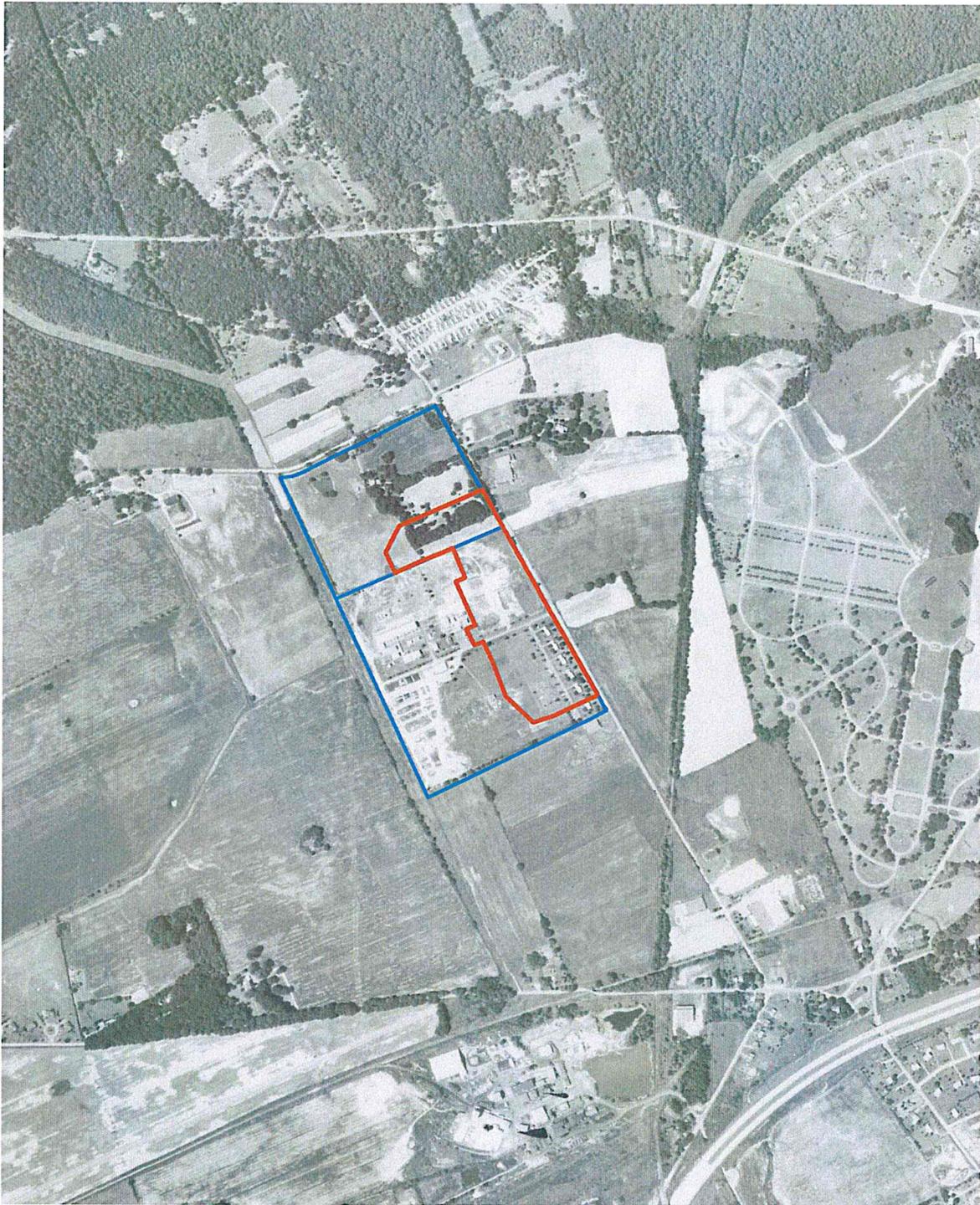
— Centerline Survey Corridor

Map 11 XYZ Natural Gas Pipeline and Transmission Line,
Westmoreland County, PA
1937 Historic Aerial



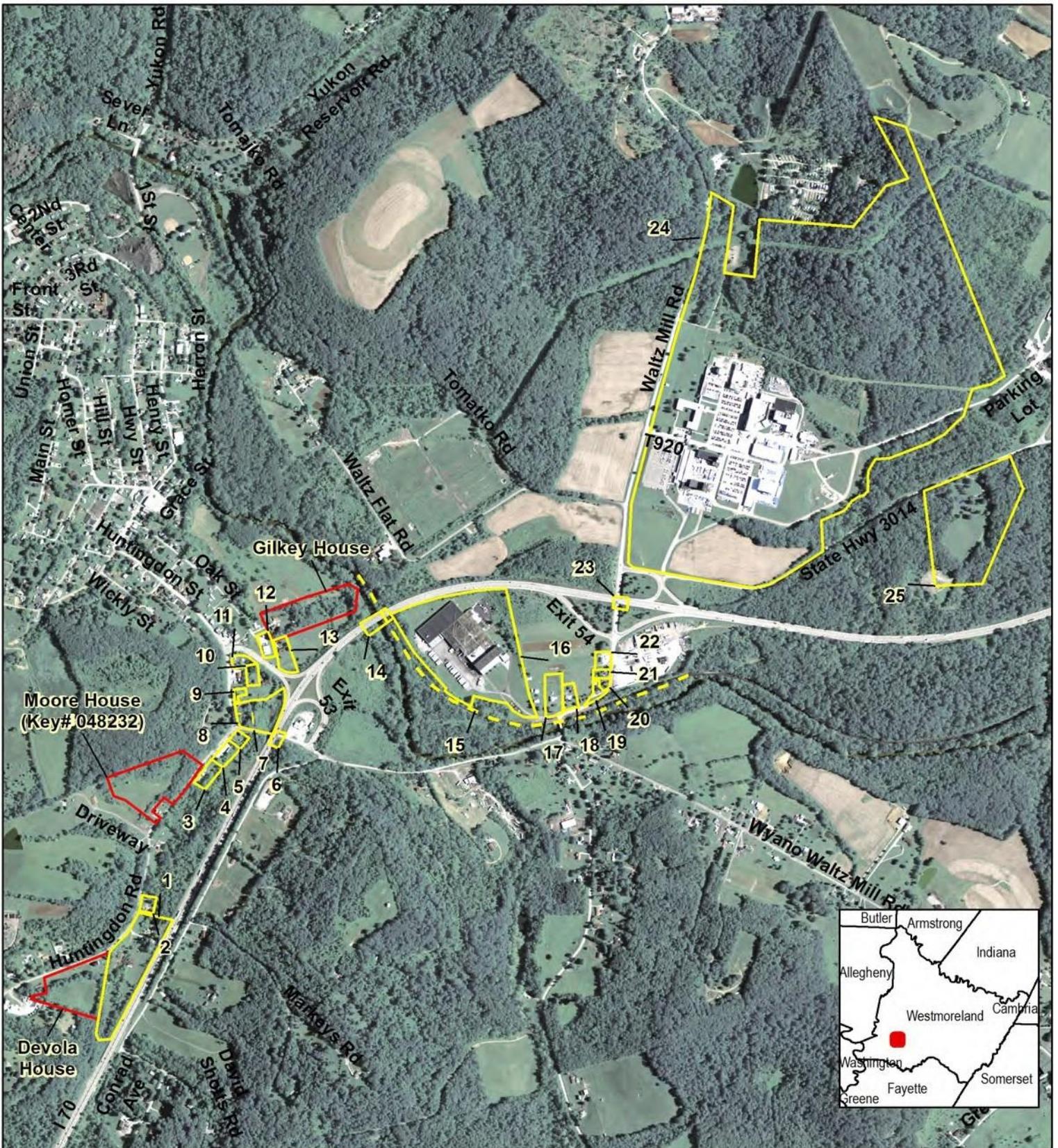
— Centerline Survey Corridor

Map 12 XYZ Natural Gas Pipeline and Transmission Line,
Westmoreland County, PA
1958 Historic Aerial



-  Survey Area
-  Parcel Boundary

Map 13 Compressor Station XYZ Natural Gas Pipeline and Transmission Line, Westmoreland County, PA 1971 HISTORIC AERIALS



Legend	
└─	Identified Resources
└─	Resources Located Outside of APE

Map 14 XYZ Natural Gas Pipeline and Transmission Line, Westmoreland County, PA