

**PHASE IA CULTURAL RESOURCE INVESTIGATION
FOR THE PROPOSED**

**WESTERN NEW YORK SCIENCE & TECHNOLOGY
ADVANCED MANUFACTURING PARK**

**TOWN OF ALABAMA
GENESEE COUNTY, NEW YORK**

PREPARED FOR

GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

**1 MILL STREET
BATAVIA, NEW YORK 14020**

BY

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MARCH 2010

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ATTACHMENT A: Concept Plans

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MANAGEMENT SUMMARY

SHPO Review Number (if applicable): **N/A**

Lead Agency: **Genesee County Economic Development Center**

Involved State and Federal Agencies: **NYSOPRHP, NYSDOT, NYSDEC, NYSDOH, NYSDAM, NY Empire State Development Corp and USACOE**

Phase of Survey: **IA – Literature Research and Sensitivity Assessment**

Location Information: **Bounded by Judge Rd to the south, Alleghany Rd (NYS Routes 63 and 77) to the east, Lewiston Rd (NYS Route 77) to the north, and the Tonawanda Seneca Nation to the west**

Minor Civil Division: **Town of Alabama**

County: **Genesee**

Survey Area **See Attachment B: Project Maps**

Overall survey length: **8,000 +/- feet (2,438 +/- meters)**
Overall survey width: **7,300 +/- feet (2,225 +/- meters)**
Overall project area: **1,340 +/- acres (542 +/- hectares)**

USGS 7.5 Minute Quadrangle Map: **Akron, NY**

Results of Archaeological Survey **To be determined (TBD)**

Results of Architectural Survey

Buildings, structures, cemeteries over 50 years old within project area:

6 houses (C: Photos 5, 6, 13, 22, 33, 64)
2 house foundations (C: Photos 19, 95)
7 barns (C: Photos 7, 14, 15, 20, 33, 62, 66)
2 barn foundations (C: Photos 21, 97)
2 unidentified foundations (C: Photos 102, 104)

Buildings, structures, cemeteries over 50 years old adjacent to project area:

40 houses (C: Photos 1-4, 8-10, 12, 16, 17, 23-25, 27, 29-32, 35, 36, 38-41, 44, 45, 47-55, 57, 58, 61, 63, 65)
12 barns (C: Photos 11, 18, 24, 26, 34, 36, 37, 54, 56, 59, 60, 63)
2 garages (C: Photos 28, 35)
Alabama Hotel (C: Photo 42)
Masonry building (C: Photo 43)
American Legion Post 626 (C: Photo 46)

Previously determined NRL or NRE buildings, structures, cemeteries, districts: **0**

Identified eligible buildings, structures, cemeteries, districts: **TBD**

Report Author(s): **Jeremy Deuel, M.A.**
Principal Investigator

Date of Report: **March 2010**

INTRODUCTION

On October 15, 2009, Thomas A. Carpenter, P.E. with Clark Patterson Lee of Rochester, New York, contacted Deuel Archaeology & CRM (DACRM) regarding a Phase IA Cultural Resource Investigation for the proposed Western New York Science & Technology Advanced Manufacturing Park (STAMP) to be located in the Town of Alabama, Genesee County, New York. DACRM received notice to proceed on January 18, 2010. Because construction of the proposed park would occur in several development phases, a Phase IA Cultural Resource Investigation was deemed appropriate for the entire parcel, with separate Phase IB investigations for each phase of development. The lead agency for the proposed project is the Genesee County Economic Development Center. Involved state and federal agencies include the NYSOPRHP, NYSDOT, NYSDEC, NYSDOH, NYSDAM, NY Empire State Development Corporation and USACOE. Other local agencies involved in this project include the Alabama Town Board, Town of Alabama Planning Board, Genesee County Planning Board, Genesee County Industrial Development Agency and the Genesee County Health Department. In addition, the Town of Alabama Fire Department, Tonawanda Seneca Nation, NYS Thruway Authority, US Fish and Wildlife Services, National Grid, Buffalo Enterprise and Greater Rochester Enterprise are interested agencies at this stage of the project.

The project area is bounded by Judge Rd to the south, Alleghany Rd (NYS Routes 63 and 77) to the east, Lewiston Rd (NYS Route 77) to the north, and the Tonawanda Seneca Nation to the west. Geographic limits of the project area are shown on the USGS *Akron, NY* 7.5 Minute Series Quadrangle (Figure 1 page 3). The project area consists of 1,340 +/- acres (542 +/- hectares), which is comprised of approximately 950 acres (384 hectares) of agricultural land, about 285 acres (115 hectares) of woods, brush, grass and wetlands, and 5 +/- acres (2 +/- hectares) of ponds and disturbed areas. Whitney Creek and other unnamed drainages flow through the western and southern sections of the project area. In addition, approximately 100 acres (40.5 hectares) of the John White Wildlife Management Area is located within the project area. The John White Wildlife Management Area consists of about 33 acres (13 hectares) of woods, approximately 30 acres (12 hectares) of agricultural land, 25 +/- acres (10 +/- hectares) of grassy open space, about 7 acres (3 hectares) of ponds and wetlands, and nearly 5 acres (2 hectares) of prior ground disturbance associated with grading and gravel parking areas.

The project area will be impacted as necessary for the development of a manufacturing park with several buildings, associated roadways, parking lots, stormwater ponds, landscaping, and utilities. Preliminary concept plans are shown in Attachment A. The area surveyed by DACRM is shown in Attachment B: Project Maps.

The purpose of this investigation was to gather information pertaining to the environmental and cultural setting of the project area in an effort to determine if any prehistoric or historic cultural resources would be affected. This was accomplished through Phase IA literature research, sensitivity assessment, and field reconnaissance.

Phase IA field reconnaissance was conducted by the principal investigator and one field technician on separate occasions from February 6 to March 16, 2010. During that time, a total of 112 photographs were taken to show general field conditions, areas of prior ground disturbance, wetlands, buildings or structures over 50 years old within the project area, and buildings or structures over 50 years old adjacent to the project area. Field data are on file at DACRM. The following Phase IA report details the research conducted and the results, conclusions, and recommendations it produced.

USGS Topographic Map

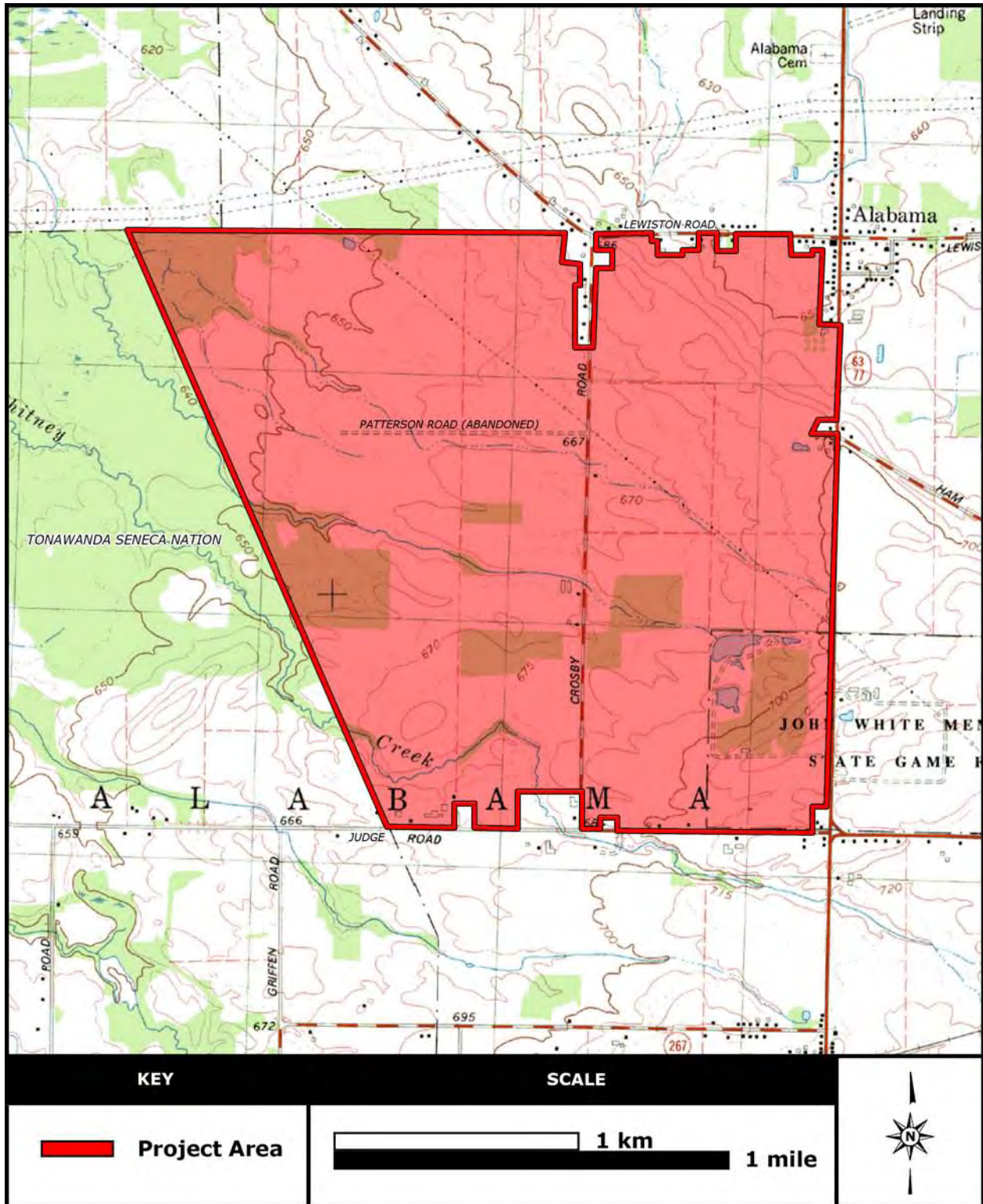


Figure 1. Location of project area on Akron, NY (USGS 1981).

BACKGROUND RESEARCH

ENVIRONMENTAL INFORMATION

Physiography

Genesee County is in two of the major physiographic provinces in New York State. The northern two-thirds of the county is in the Ontario Lowlands, which are part of the Erie-Ontario Lowlands. The southern third is in the Appalachian Uplands. The Ontario Lowlands border the southern shore of Lake Ontario, where the elevation is 244 feet (74 meters) above sea level. From Oak Orchard Swamp, which occurs at an elevation of 620 feet (189 meters) in Genesee County, the lowlands extend southward to an elevation of about 1,000 feet (305 meters), where they form a boundary with the Appalachian Uplands (USDA 1969: 172). The elevation within the project area ranges from 640 to 700 feet (195 to 213 meters) above sea level (USGS 1981).

The lowlands in the county can be divided into four subareas on the basis of relief: (1) the drumlin area, (2) the ground moraine area, (3) the outwash plain area, and (4) the glacial lake area. The project area is located within the glacial lake area of the Ontario Lowlands physiographic province. The glacial lake area is in the western part of the county, where it extends from just north of US Route 20 northward to Oak Orchard Swamp. This area is level or nearly level and is less than 880 feet (268 meters) above sea level, the elevation of glacial Lake Warren (USDA 1969: 172 and 173).

Geology

During the Wisconsin glacial stage of the Pleistocene epoch, Genesee County was completely covered by ice. Although the Wisconsin stage of glaciation has been divided into four substages, only the last two substages occur in this county. In New York State, they are called the Valley Heads drift sheet and the Hamburg-Marilla drift sheet (USDA 1969: 172). The project area occurs within the Hamburg-Marilla drift sheet.

In Genesee County the Hamburg-Marilla drift sheet consists of glacial till deposited as ground moraines and drumlins and in proglacial lacustrine sediments. The glacial till is characterized by a high carbonate content that resulted from glacial scouring of the dolomites of the Lockport group, the dolomitic shales of the Camillus formation of the Salina group, and the dolomites of the Bertie group. In addition, the till has a distinctive red color that came from glacial scouring of the Vernon shale formation of the Salina group (USDA 1969: 172).

The proglacial lacustrine deposits consist dominantly of fine sand and silt laid down in glacial Lake Warren. These deposits occur mainly in the western part of the county, north of US Route 20 (USDA 1969: 172).

Soils

Name	Soil Horizon Depth (cm)	Color	Texture, Inclusions	Slope %	Drainage	Landform
Appleton silt loam (ApA)	Ap 0-20 A2 20-41 B 41-76	VDkGBrn LtBrn RBrn	SiLo Lo FnLo	0-3	Poorly drained	Glacial till
Appleton silt loam (ApB)	Ap 0-20 A2 20-41 B 41-76	VDkGBrn LtBrn RBrn	SiLo Lo FnLo	3-8	Poorly drained	Glacial till
Arkport very fine sandy loam (ArB)	A 0-23 B 23-58	DkGBrn YBrn	VFnSaLo VFnSaLo	1-6	Well	Ontario Lowlands
Canandaigua silt loam (CaA)	A 0-41 B 41-102 C 102+	VDkGr to Blk Gr/DkGr Gr/DkGr	SiLo SiLo Si/FnSa	0-2	Poorly drained	Glacial lakes
Collamer silt loam (ClB)	Ap 0-25 A2 25-46 B 46-102	VDkGBrn Brn Brn to RBrn	SiLo SiLo SiLo to SiClLo	2-6	Moderately well drained	Glacial lakes
Dunkirk silt loam (DuB)	Ap 0-25 A2 25-46 B 46-102	DkGBrn LtBrn RBrn	SiLo SiLo SiClLo	2-6	Well drained	Glacial lakes
Dunkirk silt loam (DuC)	Ap 0-25 A2 25-46 B 46-102	DkGBrn LtBrn RBrn	SiLo SiLo SiClLo	6-12	Well drained	Glacial lakes
Halsey silt loam (HaA)	Ap 0-20 A2 20-36 B 36-46	DkGry GBrn Brn	SiLo GrlSaLo GrlSaLo	0-4	Poorly drained	Glacial outwash
Hilton loam (HIA)	Ap 0-28 A2 28-46 B 46-107	DkGBrn Brn/LtBrn RBrn	Lo Lo ClLo	0-3	Moderately well drained	Glacial till
Hilton loam (HIB)	Ap 0-28 A2 28-46 B 46-107	DkGBrn Brn/LtBrn RBrn	Lo Lo ClLo	3-8	Moderately well drained	Glacial till
Lakemont silty clay loam (La)	Ap 0-23 A2 23-36 B 36-51	VDkBrn Gry Brn	SiClLo SiClLo SiCl	0-3	Poorly drained	Glacial lakes
Lima silt loam (LmB)	A 0-25 B 25-76	VDkGBrn Brn	SiLo SiLo/SiClLo	3-8	Moderately well drained	Glacial till
Lyons and Appleton silt loams (LoA)	Ap 0-25 A2 25-41 B 38-91	VDkGry LtGry Brn/DkGBrn	SiLo Lo-SiLo SiLo	0-3	Poorly drained	Glacial till
Minoa very fine sandy loam (MnA)	A 0-23 B 23-51	VDkGBrn YBrn	VFnSaLo VFnSaLo	0-2	Poorly drained	Glacial lakes
Niagara silt loam (NgA)	Ap 0-23 A2 23-28 B 28-41	VDkGry GBrn RBrn	SiLo SiLo Heavy SiLo	0-2	Poorly drained	Glacial lakes
Odessa silt loam (OdA)	Ap 0-25 A2 25-33 B 33-53	VDkGBrn LtBrnGry RBrn	SiLo Heavy SiLo SiCl	0-2	Poorly drained	Glacial lakes
Odessa silt loam (OdB)	Ap 0-25 A2 25-33 B 33-53	VDkGBrn LtBrnGry RBrn	SiLo Heavy SiLo SiCl	2-6	Poorly drained	Glacial lakes
Ontario loam (OnB)	A 0-20 B 20-36	DkBrn Brn	Lo, stony Lo-FnSaLo	3-8	Well	Ontario Lowlands
Ontario loam (OnC)	A 0-20 B 20-36	DkBrn Brn	Lo, stony Lo-FnSaLo	8-15	Well	Ontario Lowlands
Ontario loam (OnD)	A 0-20 B 20-36	DkBrn Brn	Lo, stony Lo-FnSaLo	15-25	Well	Ontario Lowlands
Ovid silt loam (OvA)	Ap 0-25 A2 25-38 B 38-91	VDkGBrn Pinkish Gr RBrn	SiLo SiLo SiClLo	0-3	Moderately well drained	Glacial lakes

Soils (continued)

Ovid silt loam (OvB)	Ap 0-25 A2 25-38 B 38-91	VDkGBrn Pinkish Gr RBrn	SiLo SiLo SiClLo	3-8	Moderately well drained	Glacial lakes
Palmyra gravelly loam (PhB)	Ap 0-23 A2 23-30 B 30-43	DkGBrn LtBrn Brn	GrLo GrLo Heavy GrLo	3-8	Well drained	Glacial outwash
Phelps gravelly loams (PsA)	Ap 0-25 A2 25-38 B 38-91	VDkGBrn Brn Brn	GrLo GrLo GrClLo	0-3	Moderately well drained	Glacial lakes
Phelps gravelly loams (PsB)	Ap 0-25 A2 25-38 B 38-91	VDkGBrn Brn Brn	GrLo GrLo GrClLo	3-8	Moderately well drained	Glacial lakes
Schoharie silt loam (SeB)	Ap 0-20 A2 20-28 B 28-46	DkBrn LtBrn RBrn	SiLo SiLo SiCl	1-6	Well drained	Glacial lakes
Schoharie silty clay loam, eroded (ShC3)	Ap 0-20 A2 20-28 B 28-46	DkBrn LtBrn RBrn	SiLo SiLo SiCl	6-12	Well drained	Glacial lakes
Teel silt loam (Te)	Ap 0-25 B1 25-66 B2 66-183	VDkGBrn DkGBrn Brn	SiLo SiLo SiLo	0-3	Moderately well drained	Flood plains
Wakeville silt loam (Wk)	A 0-23 B 23-104 C 104+	DkGBrn Brn YBrn	SiLo SiLo FnSaLo	0-3	Poorly drained	Flood plains
Wayland silt loam (Wy)	Ap 0-23 A2 23-64 B 64-183	VDkGBrn VDkGBrn VDkGr	SiLo SiLo SiClLo	0-3	Poorly drained	Flood plains

KEY: Shade: Lt – Light, Dk – Dark, V - Very
Color: Brn – Brown, Blk – Black, Gry – Gray, GBrn – Gray Brown, RBrn – Red Brown, YBrn – Yellow Brown
Soils: Si – Silt, Sa – Sand, Cl – Clay, Lo – Loam
Other: / - Mottled, Grl – Gravel, Cbs – Cobbles, Pbs – Pebbles, Fn – Fine, Rts – Roots, Wsi – Water Seeping In

According to the *Soil Survey of Genesee County* (USDA 1969) and the *Web Soil Survey of Genesee County* (USDA-NRCS 2010), there are 30 different soil types within the project area. The majority of the soils consist of Odessa silt loam, Collamer silt loam, Lakemont silty clay loam, Canandaigua silt loam, and Niagara silt loam, which together comprise nearly 70% of the soils within the project area. Therefore, the expected depth of potential cultural resources in these and similar soils would range from 0 to 18 inches (0 to 46 cm).

Approximately 40 acres (16.2 hectares) or 3% of the project area consists of Teel silt loam, Wakeville silt loam and Wayland silt loam, which are alluvial soils located along Whitney Creek and other unnamed drainages. Teel silt loam is a deep, moderately well drained, nearly level soil that formed in flood plains. This soil has an occasional frequency of flooding and no frequency of ponding. The depth to the water table averages between 18 and 24 inches (46 and 61 cm). The Wakeville series are comprised of deep, somewhat poorly drained, nearly level soils that also formed in flood plains. This soil has an occasional frequency of flooding and no frequency of ponding. The depth to the water table averages between 6 to 18 inches (15 to 46 cm) (USDA-NRCS 2010). And finally, the Wayland series consists of deep, poorly drained, nearly level soils that formed in recent alluvial deposits. These soils show little to no development of differing horizons. The Wayland series are subjected to flooding in early spring. Except during long dry periods of summer, the water table generally is near or at the surface (USDA 1969: 142).

Soils (continued)

The depth of potential cultural resources in alluvial soils within the project area is expected to vary depending on local conditions. Because these soils are deposits of recent alluvium, with depths to the water table averaging between 0 and 24 inches (0-61 cm), DACRM does not recommend a geomorphological investigation to determine the potential for deeply buried cultural resources. However, DACRM does recommend that shovel tests excavated within alluvial soils extend to a depth of 1 meter, or until the water table is reached.

SITE FILE SEARCH

A search of the New York State Office of Parks, Recreation and Historic Preservation (NYSOPRHP) and New York State Museum (NYSM) files was conducted by Hartgen Archeological Associates of Rensselaer, New York in an effort to locate known prehistoric and historic sites within 1 mile (1.6 km) of the project area. The site file search included review of the National Register of Historic Places (NR), the National Register Eligible listing (NRE), and previous surveys within or adjacent to the project area.

Sites within 1 mile (1.6 km) of the project area:

SHPO Site #	NYSM Site #	Distance from project area meters (ft)*	Time Period	Site Type
A03701.000041 (1)	-	331 m (1,085 ft) N	Prehistoric	Stray find
A03701.000008 (2)	-	61 m (200 ft) N	Prehistoric	Camp
A03701.000029 (3)	-	61 m (200 ft) N	Prehistoric	Workshop
A03701.000030 (4)	-	114 m (375 ft) NW	Prehistoric	Stray find
A03701.000024 (5)	-	677 m (2,220 ft) NW	Prehistoric	Lithic scatter
A03701.000025 (6)	-	811 m (2,660 ft) NW	Multi-component	Lithic concentration
A03701.000039 (7)	-	927 m (3,040 ft) NW	Prehistoric	Lithic scatter
A03701.000028 (8)	-	965 m (3,165 ft) NW	Multi-component	Lithic concentration
A03701.000026 (9)	-	849 m (2,785 ft) NW	Multi-component	Lithic concentration
A03701.000033 (10)+	-	823 m (2,700 ft) NW	Multi-component	Camp/Burial
A03701.000027 (11)	-	1,049 m (3,440 ft) NW	Multi-component	Lithic concentration
A03701.000031 (12)	-	1,026 m (3,365 ft) NW	Multi-component	Lithic concentration
A03701.000046 (13)	-	1,205 m (3,955 ft) NW	No form	No form
A03701.000045 (14)	-	1,337 m (4,385 ft) NW	Prehistoric	Workshop
A03701.000106 (15)	-	1,454 m (4,770 ft) S	No form	No form
A03701.000084 (16)	-	1,495 m (4,905 ft) N	Early 20 th Century	House
A03701.000085 (17)	-	1,385 m (4,545 ft) N	ca 1859-1975	Farmstead
A03701.000107 (18)	-	Within project area	No form	No form

* Actual distance may vary.

+ NRE site

Previous Surveys within or adjacent to the project area:

Survey #	SHPO Review #	Phase of Survey	By	Date of Survey
37	N/A	Summary	CCRG	October 1991
37	N/A	II	CCRG	October 1992
36 & 57	89PR0837	IA	CCRG	March 1992
36 & 57	89PR0837	IB	CCRG	March 1992
36 & 57	89PR0837	II	CCRG	April 1993
52	96PR1340	I	Butterbaugh Archeological	August 1996
132	07PR3483	I	Panamerican Consultants	August 2007

HISTORIC MAPS

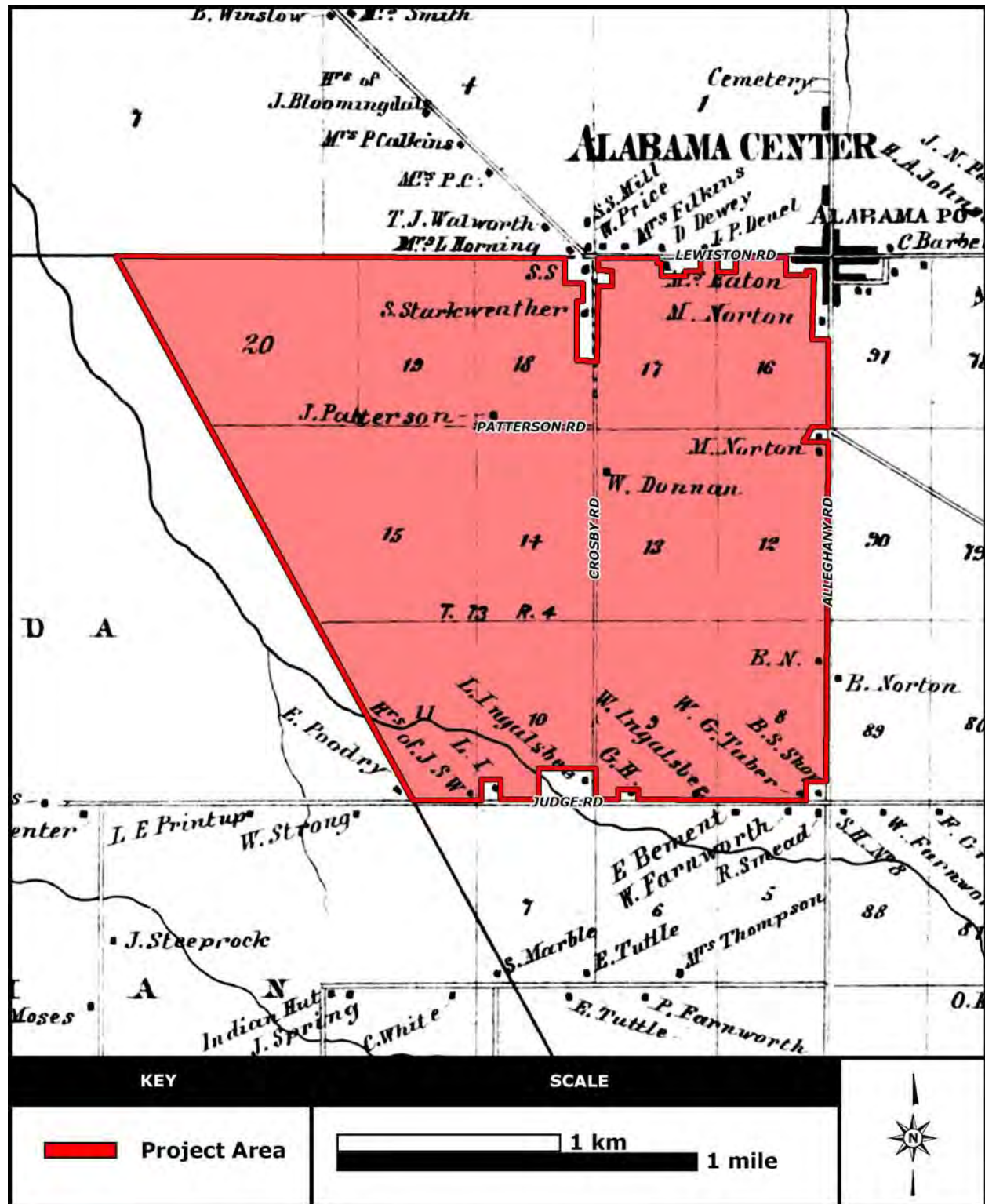


Figure 3. Location of project area on 1866 Atlas of Genesee County, NY (Stone and Stewart 1866).

HISTORIC MAPS (continued)

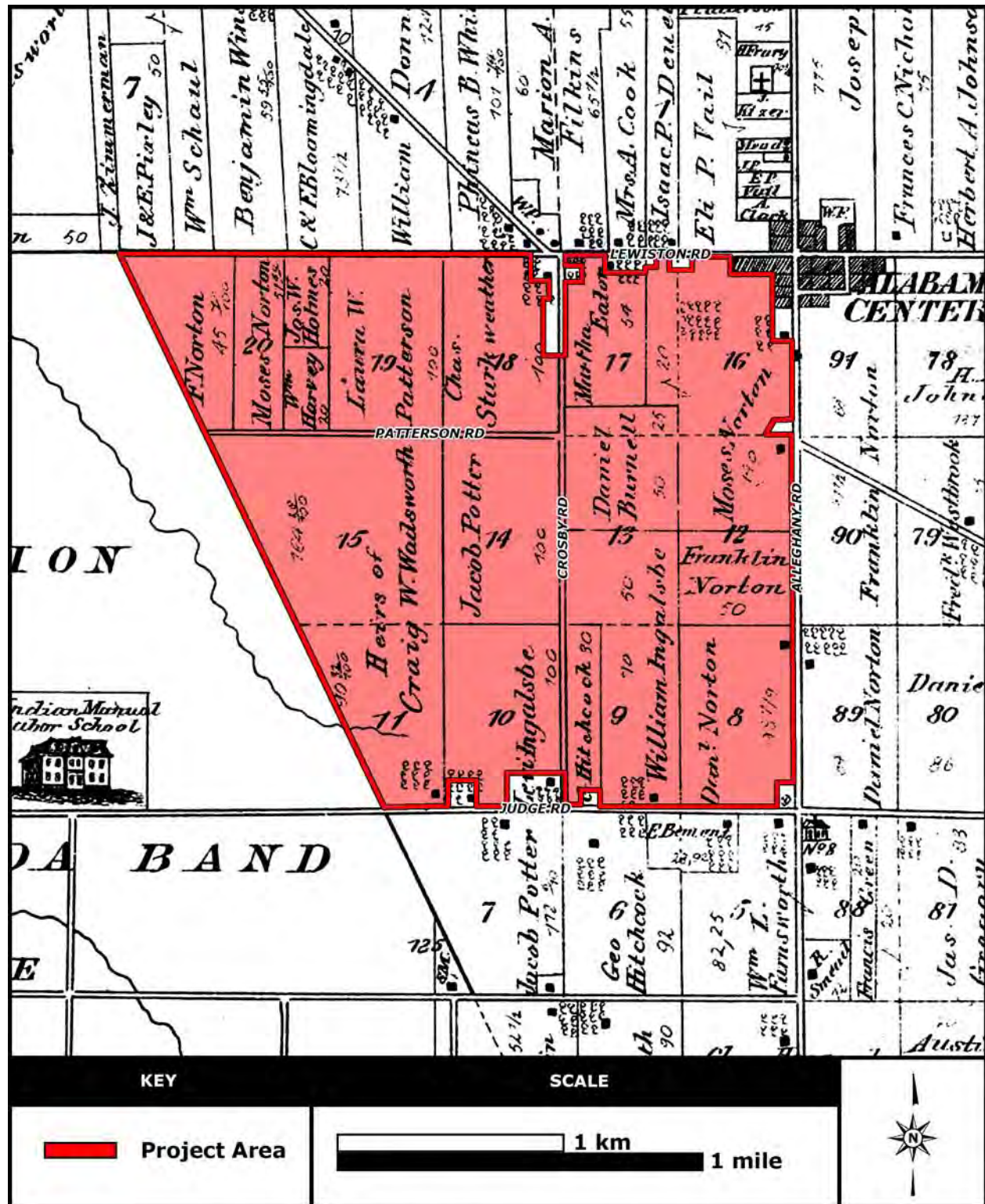


Figure 5. Location of project area on 1876 *Atlas of Genesee County, NY* (Everts 1876).

HISTORIC MAPS (continued)

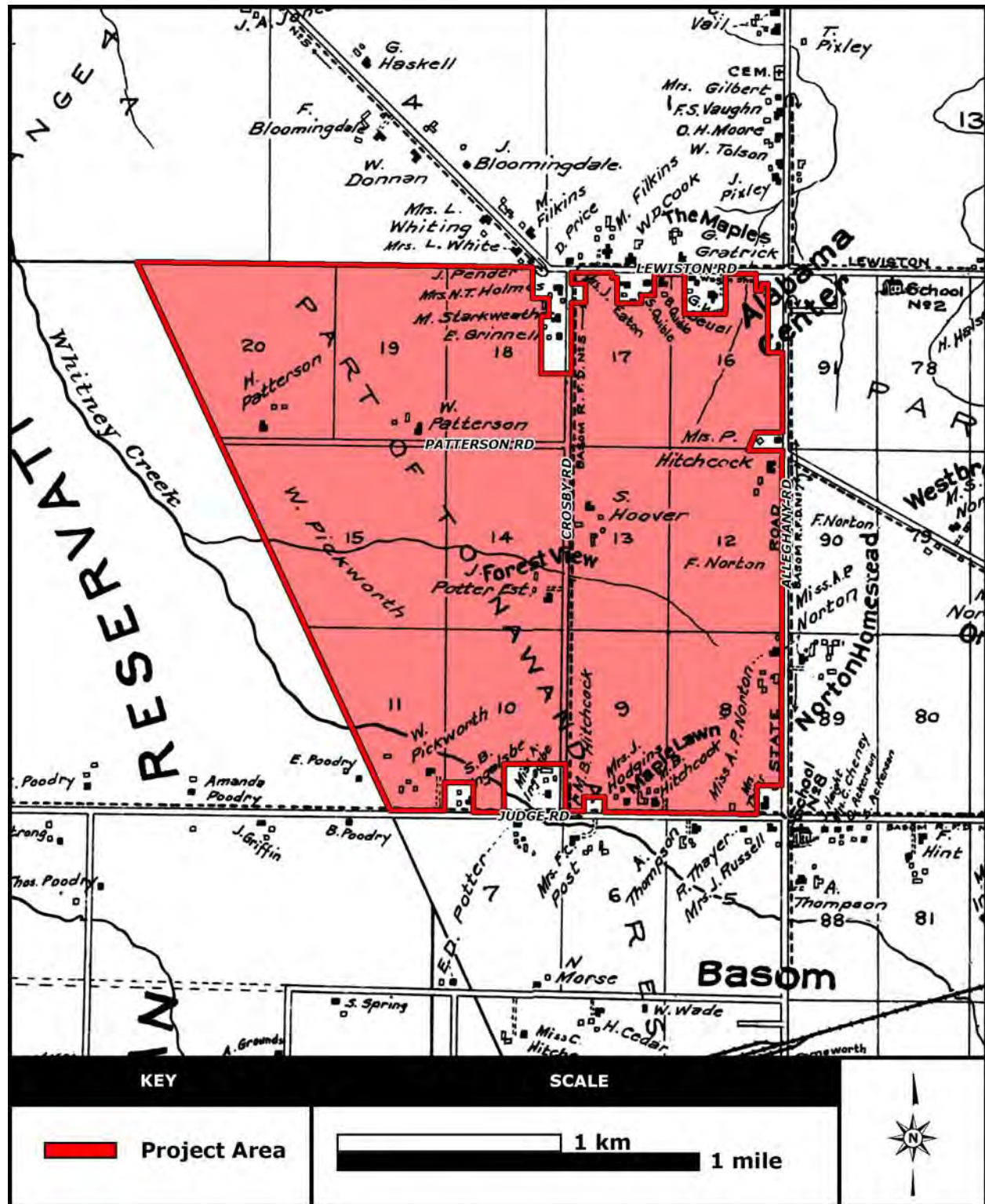


Figure 7. Location of project area on 1904 *New Century Atlas of Genesee County, NY* (Century Map Co. 1904).

HISTORIC CONTEXT

Comparison between the historic maps, the topographic map and the soil survey map reveals a rural agricultural and residential landscape that has endured since the 1800s with subtle yet significant changes. During the first half of the 19th Century, relatively small family farmsteads were being established in and around the project area. Northeast of the project area, the small Hamlet of Alabama Center featured several homes, various shops and cottage industries, Methodist and Baptist churches, a hotel, and a schoolhouse. From the 1860s through the 1950s, the Town of Alabama and the Hamlet of Alabama Center experienced modest population growth and lot subdivision. Over the last 30 years, however, many of the small family farmsteads have given way to consolidated corporate farms, and the shops and cottage industries of the 19th Century have mostly disappeared from the Hamlet of Alabama Center. Currently, there are some houses and buildings less than 50 years old within and adjacent to the project area. However, several more houses and barns still remain to provide an architectural representation of the area's history, particularly in the Hamlet of Alabama Center. During Phase IA field reconnaissance, photographs were taken of all buildings and structures over 50 years old within or adjacent to the project area.

The Tonawanda Seneca Nation (also known as the Tonawanda Indian Reservation) is located immediately west of the project area. The Tonawanda Seneca Nation was officially recognized in a 1794 US Supreme Court decision, which declared the lands were the rightful property of the Seneca Nation (Miller 1874). The current boundaries of the Tonawanda Seneca Nation are represented on the historic maps from 1866 to 1904.

The John White Wildlife Management Area (formerly the John White Memorial Game Farm), located at the southeast corner of the project area, was established in the 1940s as a pheasant game farm. In 1999, the game farm was designated by the NYSDEC as a wildlife management area. The main objectives of wildlife management areas are waterfowl production and to provide resting and feeding areas for waterfowl during the spring and fall migrations (www.dec.ny.gov 2010).

HISTORIC MAP ANALYSIS AND MAP-DOCUMENTED STRUCTURES (MDSs)

1866 Atlas

Examination of the 1866 Atlas of the Town of Alabama indicates 7 MDSs within the project area and 20 MDSs adjacent to the project area (see Figure 3). Within the Hamlet of Alabama Center, there are 20 additional MDSs adjacent to the project area (see Figure 4). Of the 7 MDSs within the project area, 3 are located along Judge Road, 2 along Alleghany Road, 1 along Crosby Road and 1 along Patterson Road (see Figure 3). The 1866 Atlas also shows Patterson Road extending to J. Patterson's residence at the southwest corner of Lot 18.

MAP ANALYSIS AND MAP-DOCUMENTED STRUCTURES (MDSs) (continued)

1876 Atlas

The 1876 Atlas of the Town of Alabama indicates a total of 4 MDSs within the project area and 13 MDSs adjacent to the project area (see Figure 5). There are an additional 20 MDSs adjacent to the project area within the Hamlet of Alabama Center (see Figure 6). Of the 4 MDSs within the project area, there are 2 MDSs along Judge Road and 2 MDSs along Alleghany Road. Other MDSs represented on the 1866 Atlas as being within the project area (such as the J. Patterson residence on Patterson Road) are not depicted on the 1876 Atlas despite the subdivision of Lots 8, 9, 12, 13, 16, 17 and 20, and the extension of Patterson Road from Crosby Road to the eastern boundary of the Tonawanda Seneca Nation. The 1876 Atlas also shows an unnamed road extending from the intersection of Crosby Road and Lewiston Road west to the eastern boundary of the Tonawanda Seneca Nation.

1904 Atlas

Analysis of the 1904 Atlas of the Town of Alabama indicates over 40 MDSs within the project area and over 50 MDSs adjacent to the project area (see Figure 7). The actual number of MDSs is difficult to quantify because the 1904 atlas depicts both houses and outbuildings. In addition, the locations of these MDSs appear to be distorted, especially along Judge Road and Lewiston Road where several MDSs are clustered. Within the Hamlet of Alabama Center, an additional 55+ MDSs are shown adjacent to the project area (see Figure 8). Also, the road extending to the Tonawanda Seneca Nation from the intersection of Crosby Road and Lewiston Road is no longer depicted on the 1904 atlas.

SENSITIVITY ASSESSMENT

The site file search conducted by Hartgen Archeological Associates produced 17 sites within 1 mile (1.6 km) of the project area, and 1 site within the project area. Of the 18 known sites, there are 13 prehistoric sites, 2 historic sites, and 3 sites with no site file form. In addition, 7 previous cultural resource investigations have been conducted within or adjacent to the project area. Many of the prehistoric and historic sites within 1 mile (1.6 km) of the project area were discovered during these cultural resource surveys.

PREHISTORIC

Parker (1922) has identified 43 sites within Genesee County. Additionally, artifacts from the Paleo-Indian, Archaic and Woodland Periods have been recovered from every town in Genesee County (Parker 1922). This is due mainly to the area once being the homeland and hunting territory of the Senecas. At the time of his statewide investigation, Parker (1922) did not identify any prehistoric sites within or adjacent to the project area.

The site file search produced 5 multi-component lithic concentrations, 2 prehistoric lithic scatters, 2 prehistoric stray finds, 2 prehistoric workshops, 1 prehistoric camp, and 1 multi-component camp/burial. The multi-component camp/burial site (A03701.000033) is located northwest of the project area and National Register Eligible (NRE). The other 5 multi-component prehistoric sites, 1 prehistoric workshop, and 1 prehistoric lithic scatter located in the vicinity of the multi-component camp/burial site were included in the NRE nomination (D: 1, 2, 4-6). The one known site located within the project area near the southwest corner has no site file form.

Due to the high density of prehistoric sites within one mile (1.6 km), the project area is considered to have a high degree of sensitivity for prehistoric sites in undisturbed contexts. Potential prehistoric cultural resources are estimated to range from stray finds to camp/burial sites.

HISTORIC

The site file search produced 2 historic sites within 1 mile (1.6 km) of the project area. These sites include an early 20th Century house and a farmstead (ca 1859-1975). There are no historic NRL or NRE properties within or adjacent to the project area. Review of the historic maps revealed several MDSs within and adjacent to the project area. In undisturbed contexts, the project area is considered to have a moderate to high degree of sensitivity for historic sites. Potential historic cultural resources are estimated to range from middens to barn, outbuilding and house foundations associated with the MDSs within and adjacent to the project area.

PRIOR GROUND DISTURBANCE

Prior ground disturbance associated with the development of ponds, wetlands, drainages, an access road, gravel parking lot, and graded areas are evident within the John White Wildlife Management Area at the southeast corner of the project area (B: 2 and 5; C: Photos 67-74, and 77-84). The remainder of the project area appears to be mostly undisturbed.

FIELD RECONNAISSANCE

METHODOLOGY

Photographs were taken to show general field conditions, wetlands, areas of prior ground disturbance, buildings and structures over 50 years old within the project area, and buildings or structures over 50 years old adjacent to the project area.

PROJECT IMPACTS

The project area will be impacted as necessary for the development of a manufacturing park with several buildings, associated roadways, parking lots, stormwater ponds, landscaping, and utilities. Preliminary concept plans are shown in Attachment A.

RESULTS

Phase IA field reconnaissance was conducted by the principal investigator and one field technician on separate occasions from February 6 to March 16, 2010. During that time, the temperature ranged from the low 30s with mostly cloudy skies to the low 50s with mostly sunny skies. Due to seasonal conditions, some wetlands and other sections of the project area were inaccessible. The NYSDEC granted permission to access the John White Wildlife Management Area prior to Phase IA field reconnaissance.

A total of 112 photographs were taken to show general field conditions (C: Photos 75, 76, 85-94, 99-101, and 106-112), areas of prior ground disturbance (C: Photos 67-74, and 77-84), and all buildings or structures over 50 years old within or adjacent to the project area (C: Photos 1-66). Photographs of buildings and structures are organized in a clockwise fashion beginning at the intersection of Judge Rd and Alleghany Rd. Within the project area there are 6 houses (C: Photos 5, 6, 13, 22, 33, 64), 2 house foundations (C: Photos 19, 95), 7 barns (C: Photos 7, 14, 15, 20, 33, 62, 66), 2 barn foundations (C: Photos 21, 97), and 2 unidentified foundations (C: Photos 102, 104) over 50 years old. Adjacent to the project area there are 40 houses (C: Photos 1-4, 8-10, 12, 16, 17, 23-25, 27, 29-32, 35, 36, 38-41, 44, 45, 47-55, 57, 58, 61, 63, 65), 12 barns (C: Photos 11, 18, 24, 26, 34, 36, 37, 54, 56, 59, 60, 63), 2 garages (C: Photos 28, 35), the Alabama Hotel (C: Photo 42), a masonry building (C: Photo 43), and American Legion Post 626 (C: Photo 46) over 50 years old. The location of each photograph is shown in Attachment B: Project Maps. National Register eligibility will be determined after completion of the Phase IB field investigation to link potential archaeological resources to associated architectural resources.

No problems were encountered that would have influenced the results of this survey.

SUMMARY, CONCLUSION AND RECOMMENDATIONS

SUMMARY

The Western New York Science & Technology Advanced Manufacturing Park is scheduled for development on approximately 1,340 acres (542 hectares) in the Town of Alabama, Genesee County, New York. The purpose of this investigation was to determine whether any cultural resources would be impacted by the proposed project. This was accomplished in part through Phase IA literature research, sensitivity assessment, and field reconnaissance.

As a result of Phase IA literature research and sensitivity assessment, it has been determined that about 40 acres (16.2 hectares) or 3% of the project area is comprised of alluvial soils. The site file search produced 17 sites within 1 mile (1.6 km) of the project area, and 1 site within the project area. Of the 18 known sites, there are 13 prehistoric sites, 2 historic sites, and 3 sites with no site file form. In addition, the historic maps indicated several MDSs within and adjacent to the project area. Therefore, the project area is regarded as having a high degree of sensitivity for prehistoric sites and a moderate to high degree of sensitivity for historic sites in undisturbed contexts.

During Phase IA field reconnaissance, photographs were taken of 6 houses, 2 house foundations, 7 barns, 2 barn foundations, and 2 unidentified foundations over 50 years old within the project area. Adjacent to the project area, photographs were taken of 40 houses, 12 barns, 2 garages, the Alabama Hotel, a masonry building, and American Legion Post 626, all of which were over 50 years old. Prior ground disturbance associated with the development of the John White Wildlife Management Area and general field conditions were also photographed.

CONCLUSION

Given the high sensitivity for prehistoric sites and the moderate to high sensitivity for historic sites, a Phase IB field investigation is warranted for all sections of the project area to be impacted by proposed development (area of potential effect).

RECOMMENDATIONS

DACRM recommends Phase IB subsurface testing for all undisturbed sections of the area of potential effect (APE). To take advantage of the 950 +/- acres (384 +/- hectares) of agricultural land within the project area, a systematic surface survey is recommended for all properly prepared fields. Due to the presence of MDSs within the project area, DACRM recommends shovel testing at 25-foot (7.6-meter) intervals in each suspected yard area. Additionally, DACRM recommends Phase IB shovel testing at 50-foot (15-meter) intervals for all remaining undisturbed areas to be developed. Although there are alluvial soils within the project area, the deposits are described as recent alluvium with a depth of 24 inches (61 cm) to the water table. Therefore, DACRM does not recommend a geomorphological investigation. However, DACRM does recommend that shovel tests excavated within alluvial soils extend to a depth of 1 meter, or until the water table is reached. Finally, DACRM recommends that an invitation be extended to representatives of the Tonawanda Seneca Nation to monitor Phase IB fieldwork for all phases of development.












ATTACHMENT A

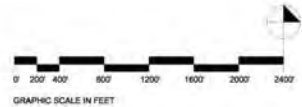
Concept Plans

MASTER PLAN ALTERNATIVE - PHOTOVOLTAIC CONCEPT
 GENESEE COUNTY SCIENCE & TECHNOLOGY ADVANCED MANUFACTURING PARK
 14 AUGUST 2008



LEGEND

- | | | | |
|---|-----------------------------------|---|---|
|  | EXISTING BUILDINGS/STRUCTURES |  | PROPOSED RETAIL BUILDING |
|  | EXISTING DRAINAGE CHANNEL |  | PROPOSED FLEX/INDUSTRIAL BUILDING |
|  | EXISTING POND |  | PROPOSED OFFICE BUILDING |
|  | EXISTING FEDERAL WETLAND |  | PROPOSED WALKING TRAIL |
|  | EXISTING TREE COVER |  | PROPOSED DEMONSTRATION CENTER AND/OR NYS CENTER OF EXCELLENCE |
|  | EXISTING HIGH TENSION POWER LINES | | |

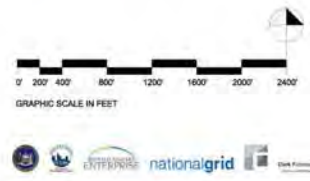


ATTACHMENT A. Photovoltaic Concept Plan (IDC Architects 2008).

MASTER PLAN ALTERNATIVE - FLAT PANEL DISPLAY
 WESTERN NEW YORK SCIENCE & TECHNOLOGY ADVANCED MANUFACTURING PARK
 21 NOVEMBER 2008



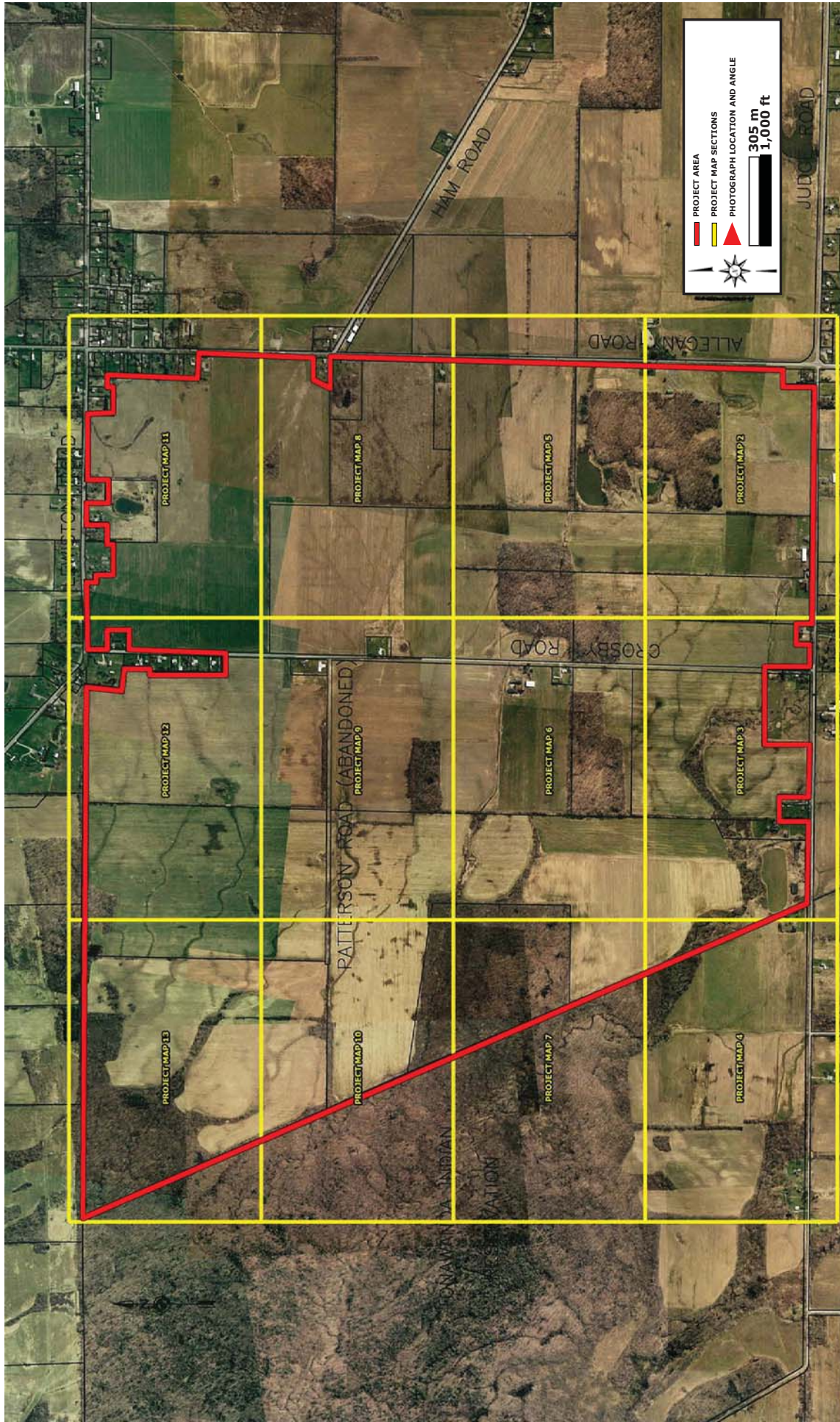
- LEGEND**
- | | | | |
|--|-----------------------------------|--|---|
| | EXISTING BUILDINGS/STRUCTURES | | PROPOSED RETAIL BUILDING |
| | EXISTING DRAINAGE CHANNEL | | PROPOSED FLEX/INDUSTRIAL BUILDING |
| | EXISTING POND | | PROPOSED OFFICE BUILDING |
| | EXISTING FEDERAL WETLAND | | PROPOSED WALKING TRAIL |
| | EXISTING TREE COVER | | PROPOSED DEMONSTRATION CENTER AND/OR NYS CENTER OF EXCELLENCE |
| | EXISTING HIGH TENSION POWER LINES | | |



ATTACHMENT A. Flat Panel Display Concept Plan (IDC Architects 2008).

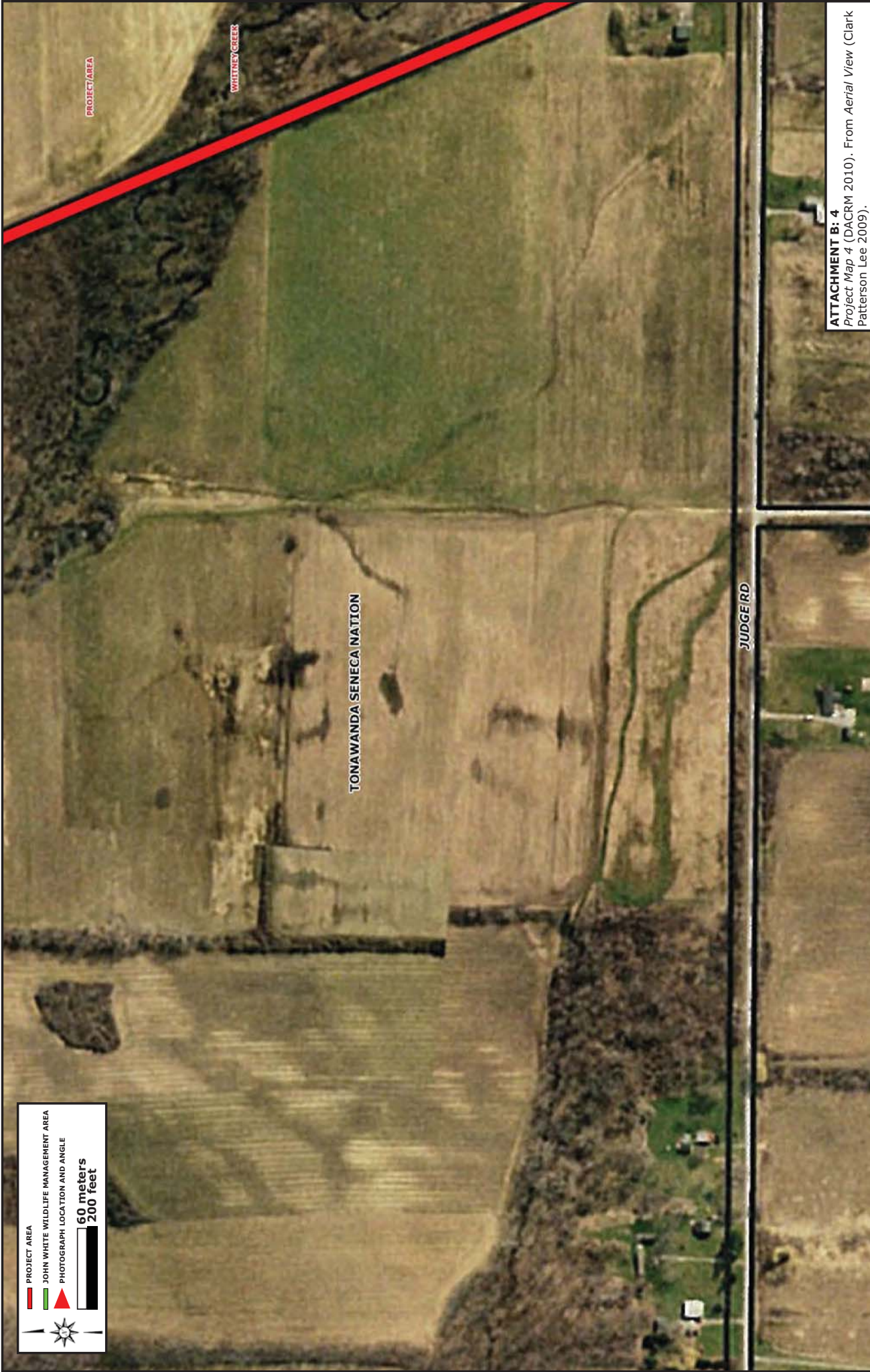
ATTACHMENT B

Project Maps




ATTACHMENT B: 1
 Overall Project Area Map (DACRM 2010). From Aerial View (Clark Patterson Lee 2009).

PROJECT AREA
JOHN WHITE WILDLIFE MANAGEMENT AREA
PHOTOGRAPH LOCATION AND ANGLE
60 meters
200 feet





ATTACHMENT B: 4
Project Map 4 (DACRM 2010). From Aerial View (Clark Patterson Lee 2009).




PROJECT AREA

 JOHN WHITE WILDLIFE MANAGEMENT AREA

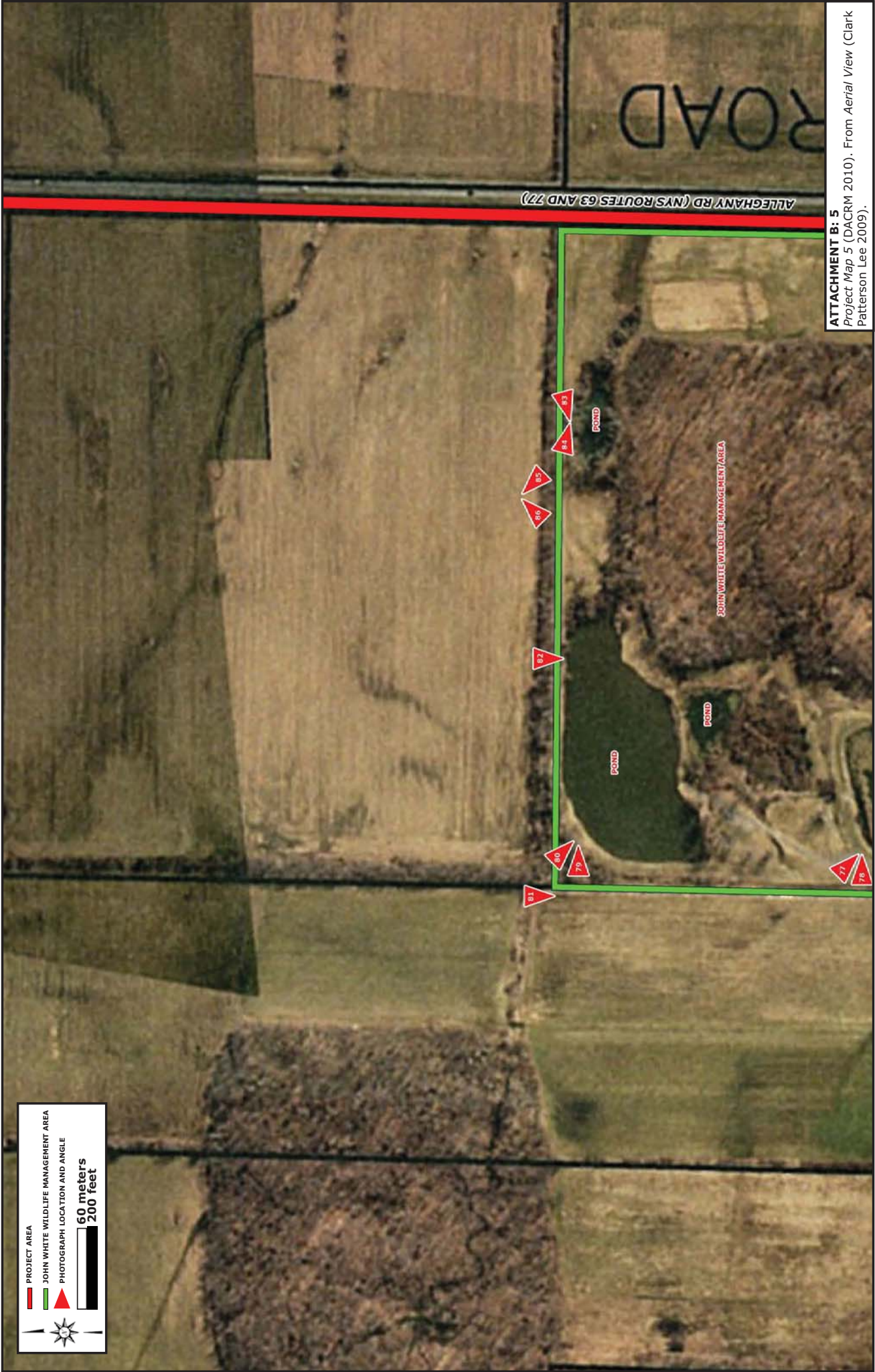
 PHOTOGRAPH LOCATION AND ANGLE





 60 meters

 200 feet



ATTACHMENT B: 5
 Project Map 5 (DACRM 2010). From Aerial View (Clark
 Patterson Lee 2009).

PROJECT AREA

JOHN WHITE WILDLIFE MANAGEMENT AREA

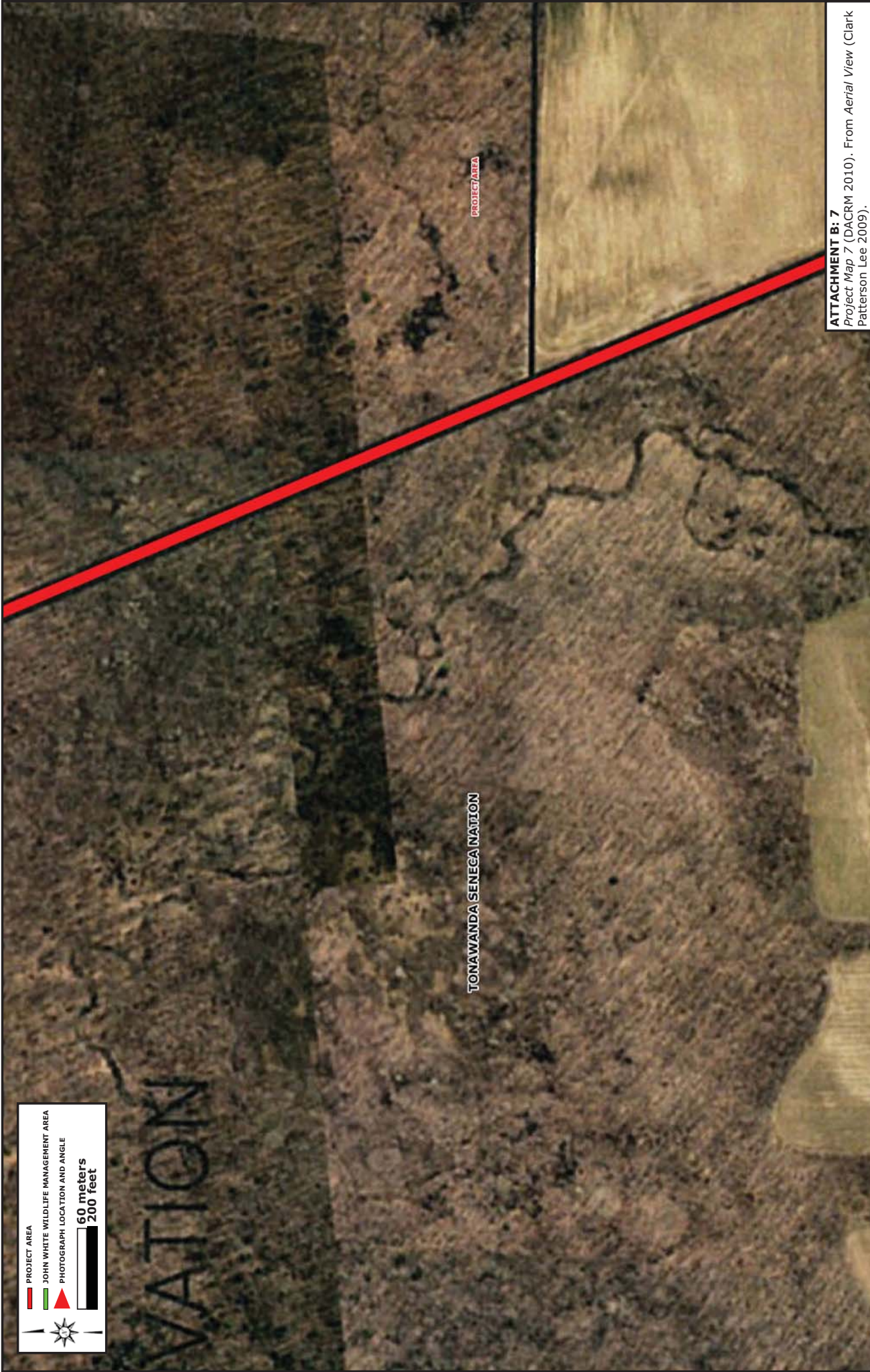
PHOTOGRAPH LOCATION AND ANGLE

60 meters
200 feet



ATTACHMENT B: 6
 Project Map 6 (DACRM 2010). From Aerial View (Clark Patterson Lee 2009).

PROJECT AREA
JOHN WHITE WILDLIFE MANAGEMENT AREA
PHOTOGRAPH LOCATION AND ANGLE
60 meters
200 feet



ATTACHMENT B: 7
Project Map 7 (DACRM 2010). From Aerial View (Clark
Patterson Lee 2009).

PROJECT AREA

JOHN WHITE WILDLIFE MANAGEMENT AREA

PHOTOGRAPH LOCATION AND ANGLE

60 meters
200 feet



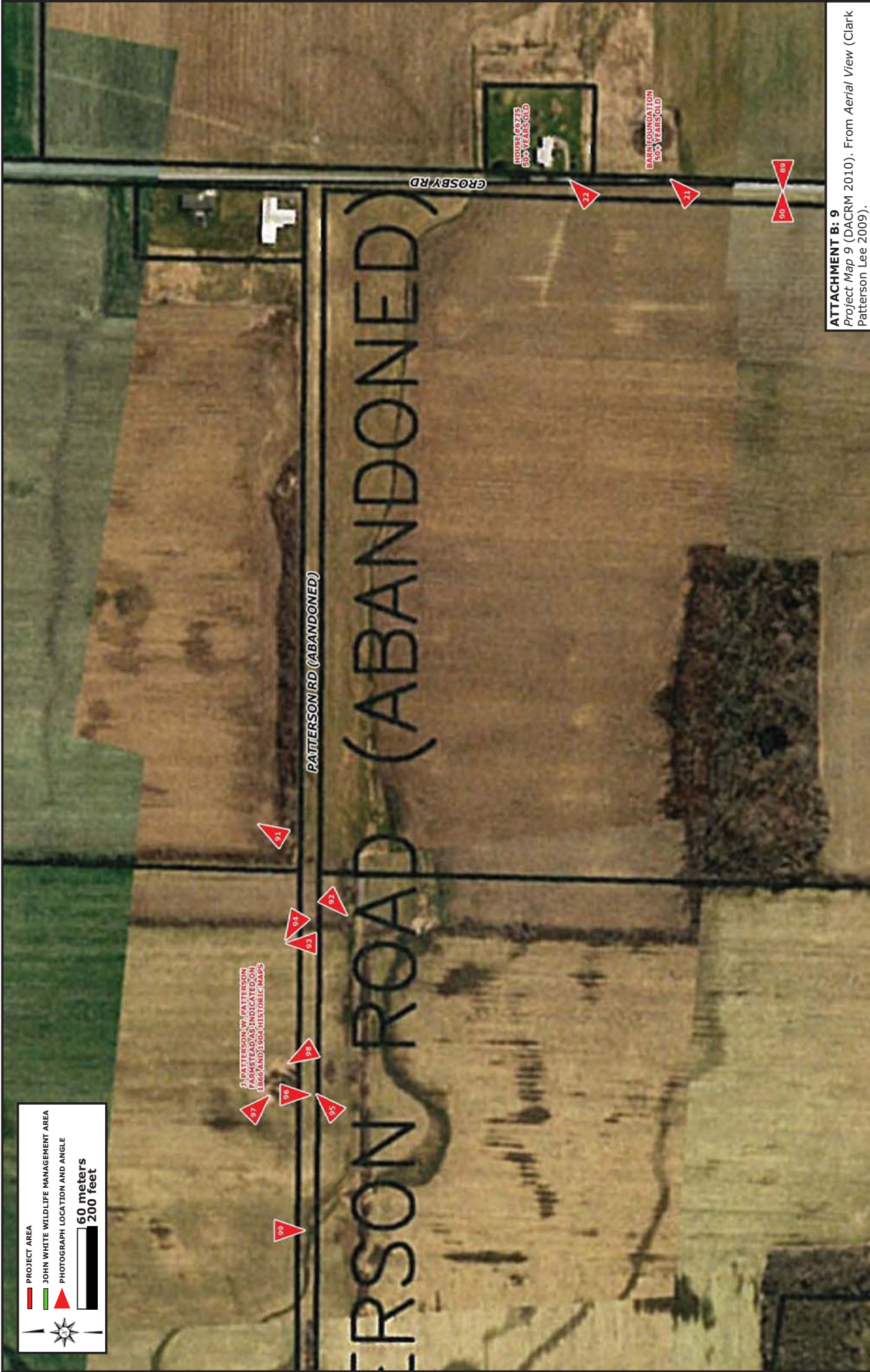
ATTACHMENT B: 8
 Project Map 8 (DACRM 2010). From Aerial View (Clark Patterson Lee 2009).

PROJECT AREA


JOHN WHITE WILDLIFE MANAGEMENT AREA

PHOTOGRAPH LOCATION AND ANGLE


60 meters
200 feet





ATTACHMENT B: 9
 Project Map 9 (DACRM 2010). From Aerial View (Clark Patterson Lee 2009).



PROJECT AREA

 JOHN WHITE WILDLIFE MANAGEMENT AREA

 PHOTOGRAPH LOCATION AND ANGLE



 60 meters

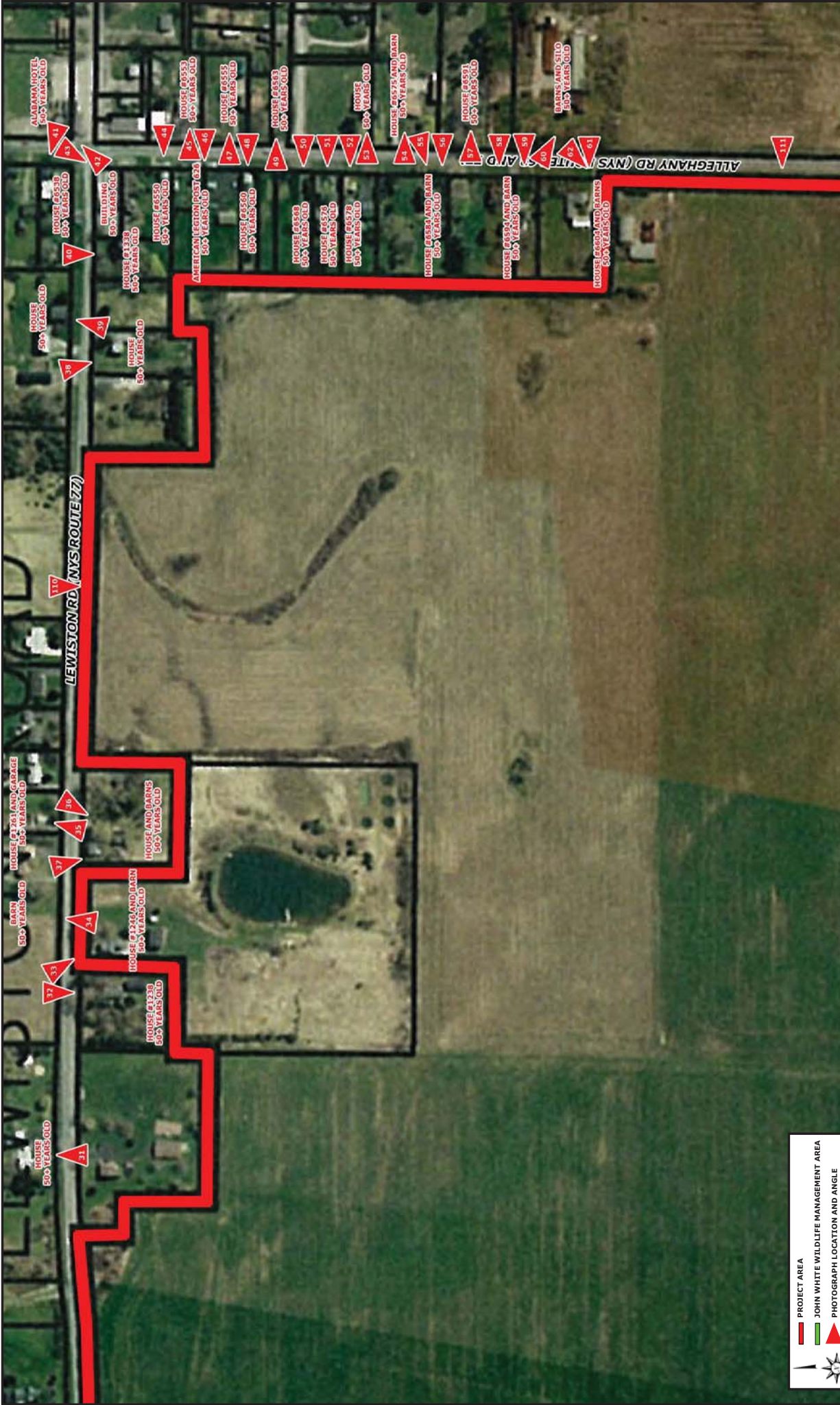
 200 feet








U.S. PATTERSON FARMSTEAD

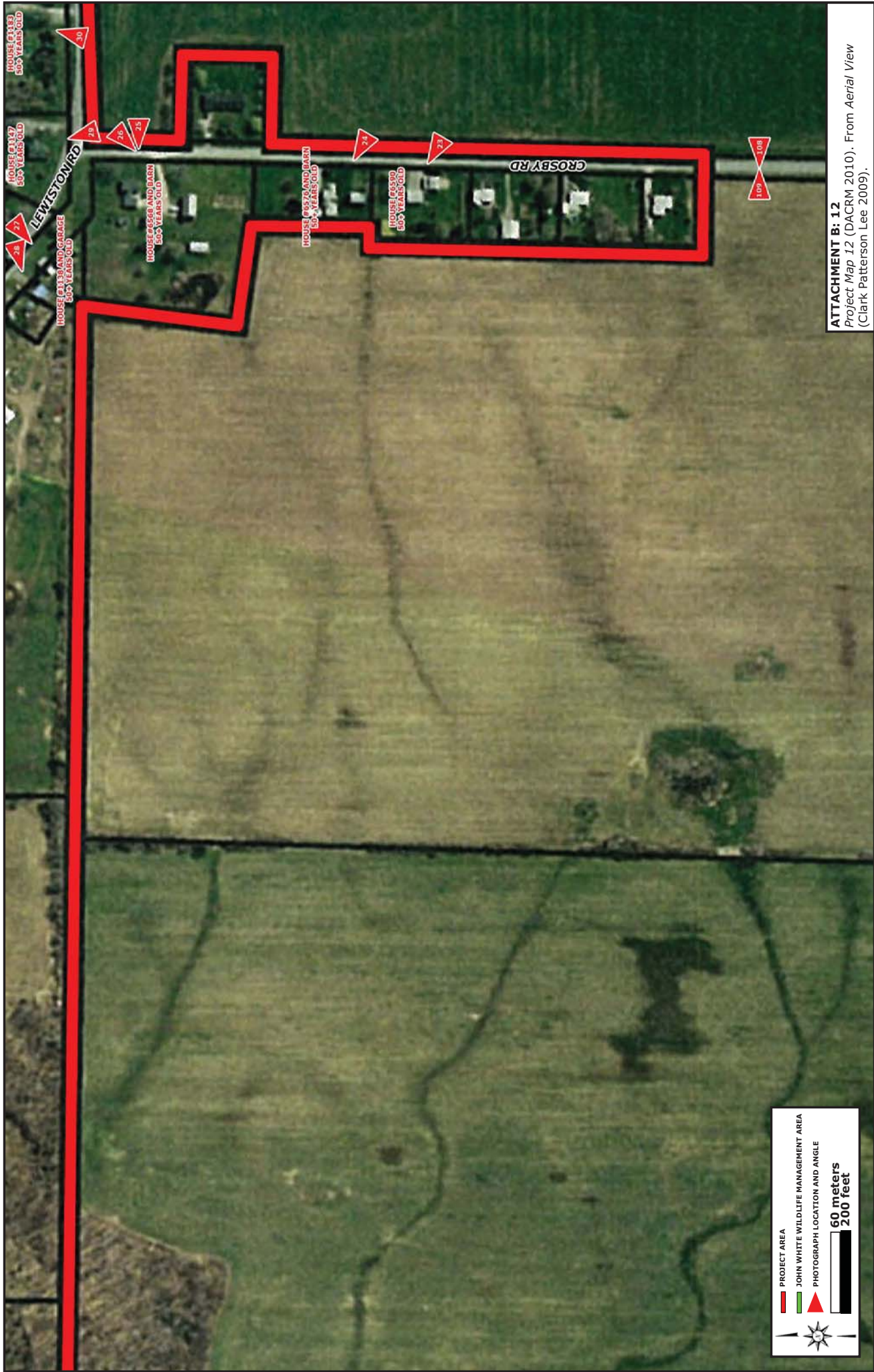
 ASTORIA, OREGON, 1904

 HISTORIC MAP



 PROJECT AREA
 JOHN WHITE WILDLIFE MANAGEMENT AREA
 PHOTOGRAPH LOCATION AND ANGLE
 60 meters
 200 feet

ATTACHMENT B: 11
 Project Map 11 (DACRM 2010). From Aerial View
 (Clark Patterson Lee 2009).



ATTACHMENT B: 12
 Project Map 12 (DACRM 2010). From Aerial View
 (Clark Patterson Lee 2009).



ATTACHMENT B: 13
Project Map 13 (DACRM 2010). From Aerial View
(Clark Patterson Lee 2009).

TONAWANDA SENECA NATION

PROJECT AREA
JOHN WHITE WILDLIFE MANAGEMENT AREA
PHOTOGRAPH LOCATION AND ANGLE
60 meters
200 feet



ATTACHMENT C

Photographs



Photo 1. Facing southeast from intersection of Alleghany Rd and Judge Rd showing house #1358 (see Attachment B: 2). This house is adjacent to the project area and 50+ years old.



Photo 2. Facing north from Judge Rd showing house #1339 (B: 2). This house is adjacent to the project area and 50+ years old.



Photo 3. Facing south from Judge Rd showing house #1326 (B: 2). This house is adjacent to the project area and 50+ years old.



Photo 4. Facing south from Judge Rd showing house #1276 (B: 2). This house is adjacent to the project area and 50+ years old.



Photo 5. Facing north-northeast from Judge Rd showing house 50+ years old (B: 2). This house is within the project area, and is indicated on the historic maps as the Ingalsbe-Hitchcock residence (Figures 3, 5 and 7). No street address posted.



Photo 6. Facing north-northwest from Judge Rd showing house 50+ years old (B: 2). This house is within the project area, and is indicated on the 1904 historic map as the Hodgins residence (Figure 7). No street address posted.



Photo 7. Facing north from Judge Rd showing barn 50+ years old (B: 2). This barn is within the project area, and is indicated on the 1904 historic map as a barn on the Hodgins' property (Figure 7).



Photo 8. Facing north-northeast from Judge Rd showing house #1181 (B: 3). This house is adjacent to the project area. The G. Hitchcock and M. B. Hitchcock residence is shown at this location on the historic maps (Figures 3, 5 and 7). However, this house does not appear to be 50+ years old.



Photo 9. Facing south from Judge Rd showing house #1170 (B: 3). This house is adjacent to the project area and 50+ years old.



Photo 10. Facing southwest from Judge Rd showing house #1120 (B: 3). This house is adjacent to the project area and 50+ years old.



Photo 11. Facing southwest from Judge Rd showing barn at #1120 Judge Rd (B: 3). This barn is adjacent to the project area and 50+ years old.



Photo 12. Facing north-northeast from Judge Rd showing house #1069 (B: 3). This house is adjacent to the project area. The L. Ingalsbe and S. B. Ingalsbe residence is shown at this location on the historic maps (Figures 3, 5 and 7). However, this house does not appear to be 50+ years old.



Photo 13. Facing north from Judge Rd showing house 50+ years old (B: 3). This house is within the project area, and is indicated on the historic maps as the J. S. W., C. W. Wadsworth and W. Pickworth residence (Figures 3, 5 and 7). No street address posted.



Photo 14. Facing north from Judge Rd showing silo and collapsed barn 50+ years old (B: 3). The barn and silo are within the project area. On the 1904 historic map, the barn is located on the W. Pickworth property (Figure 7).



Photo 15. Facing north from Judge Rd showing collapsed barn 50+ years old (B: 3). This barn is within the project area. On the 1904 historic map, the barn is located on the W. Pickworth property (Figure 7).



Photo 16. Facing north from Judge Rd showing house #995 (B: 3). This house is adjacent to the project area and 50+ years old.



Photo 17. Facing northwest from Crosby Rd showing house #6986 (B: 3). This house is adjacent to the project area and 50+ years old.



Photo 18. Facing northwest from Crosby Rd showing barn at 6986 Crosby Rd (B: 3). This barn is adjacent to the project area and appears to be 50+ years old with new roof and siding.



Photo 19. Facing southwest from Crosby Rd showing collapsed house 50+ years old (B: 6). This house is within the project area, and is indicated on the 1904 historic map as the J. Potter estate (Figure 7).



Photo 20. Facing west from Crosby Rd showing barn complex and silos 50+ years old (B: 6). The barn complex is within the project area. On the 1904 historic map, the barn complex is located on the J. Potter estate (Figure 7).



Photo 21. Facing northeast from Crosby Rd showing barn foundation 50+ years old (B: 9). This barn foundation is within the project area. On the 1866 and 1904 historic maps, the barn is located on the W. Donnan and S. Hoover property (Figures 3 and 7).



Photo 22. Facing northeast from Crosby Rd showing house #6725 (B: 9). This house is within the project area and appears to be 50+ years old. The W. Donnan and S. Hoover residence is indicated at this location on the 1866 and 1904 historic maps (Figures 3 and 7).



Photo 23. Facing northwest from Crosby Rd showing house #6590 (B: 12). This house is adjacent to the project area and 50+ years old.



Photo 24. Facing northwest from Crosby Rd showing house #6576 and barn 50+ years old (B: 12). The house and barn are adjacent to the project area.



Photo 25. Facing west from Crosby Rd showing house #6568 (B: 12). This house is adjacent to the project area and 50+ years old.



Photo 26. Facing southwest from Crosby Rd showing barn at #6568 Crosby Rd (B: 12). This barn is adjacent to the project area and 50+ years old.



Photo 27. Facing southwest from Lewiston Rd showing house #1138 (B: 12). This house is adjacent to the project area and 50+ years old.



Photo 28. Facing southwest from Lewiston Rd showing garage at 1138 Lewiston Rd (B: 12). This garage is adjacent to the project area and 50+ years old.



Photo 29. Facing north-northwest from Lewiston Rd showing house #1147 (B: 12). This house is adjacent to the project area and 50+ years old.



Photo 30. Facing north-northeast from Lewiston Rd showing house #1183 (B: 12). This house is adjacent to the project area and 50+ years old.



Photo 31. Facing north from Lewiston Rd showing house 50+ years old (B: 11). This house is adjacent to the project area. No street address posted.



Photo 32. Facing south from Lewiston Rd showing house #1238 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 33. Facing southeast from Lewiston Rd showing house #1246 and barn 50+ years old (B: 11). The house and barn are within the project area. The B. Quible house and barn are indicated at this location on the 1904 historic map (Figure 7).



Photo 34. Facing north-northeast from Lewiston Rd showing barn 50+ years old (B: 11). This barn is adjacent to the project area.



Photo 35. Facing north-northeast from Lewiston Rd showing house #1261 and garage 50+ years old (B: 11). The house and garage are adjacent to the project area.



Photo 36. Facing south-southwest from Lewiston Rd showing house and barn 50+ years old (B: 11). The house and barn are adjacent to the project area. No street address posted.



Photo 37. Facing south-southeast from Lewiston Rd showing barn 50+ years old (B: 11). This barn is adjacent to the project area.



Photo 38. Facing south-southeast from Lewiston Rd showing house 50+ years old (B: 11). This house is adjacent to the project area. No street address posted.



Photo 39. Facing north-northeast from Lewiston Rd showing house 50+ years old (B: 11). This house is adjacent to the project area. No street address posted.



Photo 40. Facing south from Lewiston Rd showing house #1338 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 41. Facing west-northwest from Alleghany Rd showing house #6538 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 42. Facing northeast from intersection of Lewiston Rd and Alleghany Rd showing Alabama Hotel (B: 11). This building is adjacent to the project area and 50+ years old. No street address posted.



Photo 43. Facing southwest from intersection of Lewiston Rd and Alleghany Rd showing masonry building 50+ years old adjacent to the project area (B: 11). No street address posted.



Photo 44. Facing west from Alleghany Rd showing house #6550 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 45. Facing east from Alleghany Rd showing house #6553 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 46. Facing west from Alleghany Rd showing American Legion Post 626 (B: 11). This building is adjacent to the project area and 50+ years old.



Photo 47. Facing east from Alleghany Rd showing house #6555 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 48. Facing west from Alleghany Rd showing house #6560 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 49. Facing east from Alleghany Rd showing house #6563 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 50. Facing west from Alleghany Rd showing house #6568 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 51. Facing west from Alleghany Rd showing house #6576 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 52. Facing west from Alleghany Rd showing house #6578 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 53. Facing east from Alleghany Rd showing house 50+ years old (B: 11). This house is adjacent to the project area. No street address posted.



Photo 54. Facing east from Alleghany Rd showing house #6575 and barn 50+ years old (B: 11). The house and barn are adjacent to the project area.



Photo 55. Facing west-southwest from Alleghany Rd showing house #6584 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 56. Facing west from Alleghany Rd showing barn at 6584 Alleghany Rd (B: 11). This barn is adjacent to the project area and 50+ years old.



Photo 57. Facing east from Alleghany Rd showing house #6591 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 58. Facing west from Alleghany Rd showing house #6594 (B: 11). This house is adjacent to the project area and 50+ years old.



Photo 59. Facing west from Alleghany Rd showing barn at #6594 50+ years old (B: 11). This barn is adjacent to the project area.



Photo 60. Facing southeast from Alleghany Rd showing barn complex and silo 50+ years old (B: 11). The barn complex and silo are adjacent to the project area.



Photo 61. Facing west from Alleghany Rd showing house #6604 (B: 11). This house is adjacent to the project area and 50+ years old. The M. Norton house is indicated at this location on the historic maps (Figures 3-5, and 8).



Photo 62. Facing southwest from Alleghany Rd showing barn complex at 6604 Alleghany Rd (B: 11). The barn complex is within the project area and 50+ years old. On the 1904 historic map, the barn is located on the Norton property (Figure 8).



Photo 63. Facing northwest from Alleghany Rd showing house #6686 and barn 50+ years old (B: 8). The house and barn are adjacent to the project area.



Photo 64. Facing west from Alleghany Rd showing house #6888 (B: 2). This house is within the project area and 50+ years old. The B. Norton, D. Norton and A. P. Norton residence is indicated at this location on the historic maps (Figures 3, 5 and 7).



Photo 65. Facing east from Alleghany Rd showing house #6889 (B: 2). This house is adjacent to the project area and 50+ years old.



Photo 66. Facing west near entrance of John White Wildlife Management Area (JWWMA) showing barn 50+ years old (B: 2). This barn is within the project area, and is located on the B. Norton, D. Norton and A. P. Norton property on the historic maps (Figures 3, 5 and 7).



Photo 67. Facing north-northwest near entrance of JWWMA showing project area (B: 2).



Photo 68. Facing south-southwest near entrance of JWWMA showing prior ground disturbance within project area (B: 2).



Photo 69. Facing north from Judge Rd showing JWWMA within project area (B: 2).



Photo 70. Facing northeast within JWWMA showing bull-dozed rock, concrete and metal (B: 2).



Photo 71. Facing east within JWWMA showing prior ground disturbance within project area (B: 2).



Photo 72. Facing north within JWWMA showing wooded area within project area (B: 2).



Photo 73. Facing northeast within JWWMA showing bull-dozed rock and debris within project area (B: 2).



Photo 74. Facing north along western boundary of JWWMA showing prior ground disturbance within project area (B: 2). A Phase I Cultural Resource Investigation was conducted in August 1996 for a stream diversion in this area (D: 1, 3, 7 and 8).



Photo 75. Facing northwest along western boundary of JWWMA showing agricultural fields and woods within project area (B: 2).



Photo 76. Facing southwest along western boundary of JWWMA showing agricultural fields within project area (B: 2).



Photo 77. Facing southeast along western boundary of JWWMA showing prior ground disturbance associated with pond and wetland (B: 5).



Photo 78. Facing east along western boundary of JWWMA showing prior ground disturbance associated with pond and wetland (B: 5).



Photo 79. Facing east from northwest corner of JWWMA showing prior ground disturbance associated with pond and wetland (B: 5).



Photo 80. Facing southeast from northwest corner of JWWMA showing prior ground disturbance associated with pond and wetland (B: 5).



Photo 81. Facing south near northwest corner of JWWMA showing prior ground disturbance within project area (B: 5). A Phase I Cultural Resource Investigation was conducted in August 1996 for a stream diversion in this area (D: 1, 3, 7 and 8).



Photo 82. Facing south along northern boundary of JWWMA showing prior ground disturbance associated with pond and wetland (B: 5).



Photo 83. Facing west-southwest along northern boundary of JWWMA showing prior ground disturbance associated with pond and wetland (B: 5).



Photo 84. Facing east-southeast along northern boundary of JWWMA showing project area (B: 5).



Photo 85. Facing northwest along northern boundary of JWWMA showing agricultural field within project area (B: 5).



Photo 86. Facing northeast along northern boundary of JWWMA showing agricultural field within project area (B: 5).



Photo 87. Facing west along Crosby Rd showing agricultural field and woods within project area (B: 3).



Photo 88. Facing east along Crosby Rd showing agricultural field and woods within project area (B: 3).



Photo 89. Facing west along Crosby Rd showing agricultural field and woods within project area (B: 9).



Photo 90. Facing east along Crosby Rd showing agricultural field and woods within project area (B: 9).



Photo 91. Facing northeast along Patterson Rd (abandoned) showing agricultural field within project area (B: 9).



Photo 92. Facing southwest along Patterson Rd (abandoned) showing agricultural field and woods within project area (B: 9).



Photo 93. Facing north along Patterson Rd (abandoned) showing agricultural field within project area (B: 9).



Photo 94. Facing northwest along Patterson Rd (abandoned) showing location of the J. Patterson and W. Patterson farmstead as indicated on the 1866 and 1904 historic maps (Figures 3 and 7; Attachment B: 9).



Photo 95. Facing northeast along Patterson Rd (abandoned) showing house foundation within project area at location of the J. Patterson and W. Patterson farmstead as indicated on the 1866 and 1904 historic maps (Figures 3 and 7; Attachment B: 9).



Photo 96. Facing south showing feature within project area at location of the J. Patterson and W. Patterson farmstead as indicated on the 1866 and 1904 historic maps (Figures 3 and 7; Attachment B: 9).



Photo 97. Facing southeast showing barn foundation and farm equipment within project area at location of the J. Patterson and W. Patterson farmstead as indicated on the 1866 and 1904 historic maps (Figures 3 and 7; Attachment B: 9).



Photo 98. Facing northwest showing farm equipment within project area at location of the J. Patterson and W. Patterson farmstead as indicated on the 1866 and 1904 historic maps (Figures 3 and 7; Attachment B: 9).



Photo 99. Facing south showing culvert along Patterson Rd (abandoned) (B: 9).



Photo 100. Facing north along Patterson Rd (abandoned) showing agricultural field within project area (B: 10).



Photo 101. Facing south along Patterson Rd (abandoned) showing agricultural field and woods within project area (B: 10).



Photo 102. Facing northwest along Patterson Rd (abandoned) showing foundation within project area at location of the H. Patterson farmstead as indicated on the 1904 historic map (Figure 7; Attachment B: 10).



Photo 103. Facing south showing foundation within project area at location of the H. Patterson farmstead as indicated on the 1904 historic map (Figure 7; Attachment B: 10).



Photo 104. Facing south showing second foundation within project area at location of the H. Patterson farmstead as indicated on the 1904 historic map (Figure 7; Attachment B: 10).



Photo 105. Facing north showing well feature within project area at location of the H. Patterson farmstead as indicated on the 1904 historic map (Figure 7; Attachment B: 10).



Photo 106. Facing northwest along Patterson Rd (abandoned) showing agricultural field and woods within project area (B: 10).



Photo 107. Facing northeast along Patterson Rd (abandoned) showing agricultural field and woods within project area (B: 10).



Photo 108. Facing west along Crosby Rd showing agricultural field within project area (B: 12).



Photo 109. Facing east along Crosby Rd showing agricultural field within project area (B: 12).



Photo 110. Facing south along Lewiston Rd showing agricultural field within project area (B: 11).



Photo 111. Facing west along Alleghany Rd showing agricultural field within project area (B: 11).

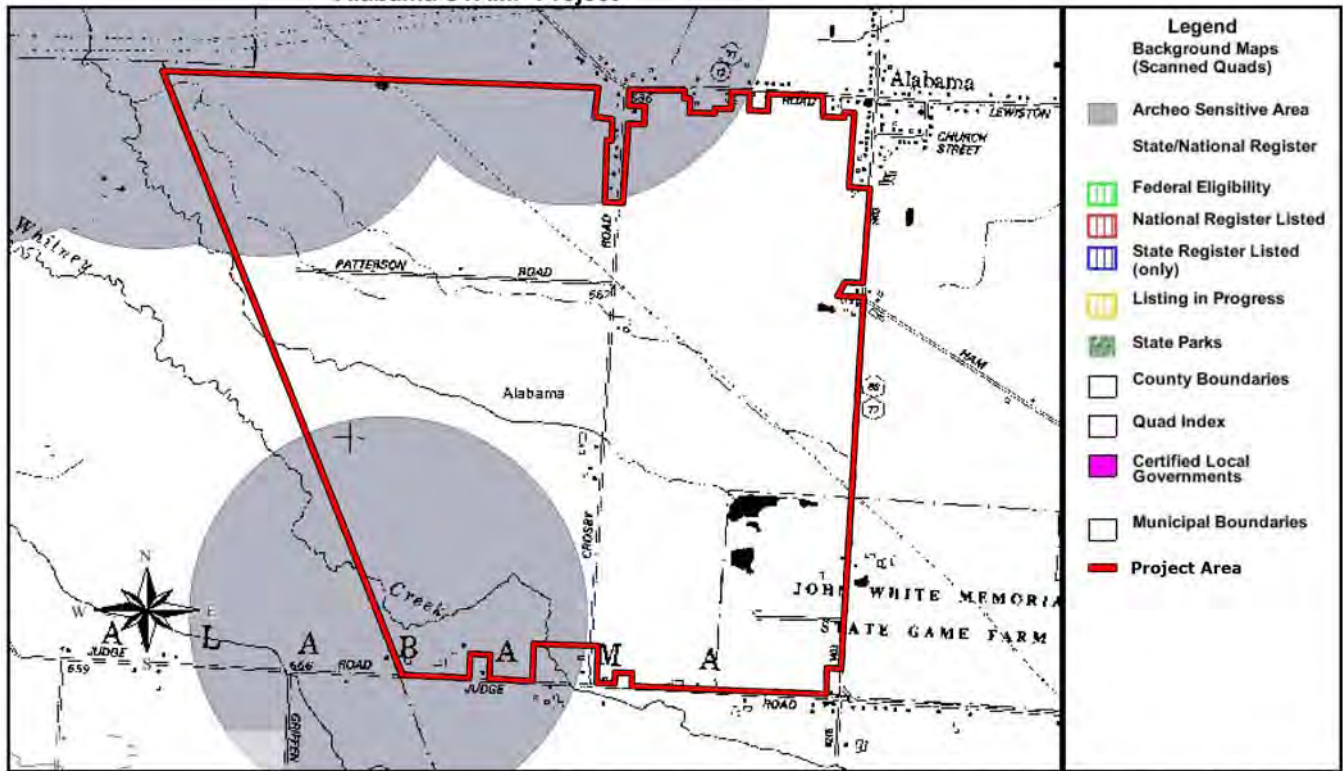


Photo 112. Facing west along Alleghany Rd showing uncultivated parcel within project area (B: 8).

ATTACHMENT D

Site File Search and Previous Survey Information

Alabama STAMP Project



Disclaimer: This map was prepared by the New York State Parks, Recreation and Historic Preservation National Register Listing Internet Application. The information was compiled using the most current data available. It is deemed accurate, but is not guaranteed.

Project Name: Alabama S.T.A.M.P. Project HAA # 4291-01

City/Town/Village: T. of Alabama, (Bascom & Alabama) ^{hamlets} County: Genesee

Quad Sheet(s): Akron 1981

Date: 1/25/10 By: Robyn Battles

OPRHP Sites: 18 sites; 1 NRE site (#10)

1 mi

① 03701.000041 ✓	⑧ 03701.000028 NO FORM	⑮ 03701.000106 NO FORM	
② 03701.000008 ✓	⑨ 03701.000026 NO FORM	⑯ 03701.000084 ✓	
③ 03701.000029 ✓	⑩ 03701.000033 NRE	⑰ 03701.000085 ✓	
④ 03701.000030 ✓	⑪ 03701.000027 NO FORM	⑱ 03701.000107 NO FORM	
⑤ 03701.000024 ✓	⑫ 03701.000031 NO FORM		
⑥ 03701.000025 NO FORM	⑬ 03701.000046 NO FORM		
⑦ 03701.000039 ✓	⑭ 03701.000045 ✓		

NYSM Sites: 0 NYSM Sites

1 mi

NR/NRE Structures:

1/10/08

Property Description	NR/NRE Structures	Form Copied?

Previous Survey Information: 4 surveys

in/adj.

52	Stage I Archeological Report for the Goras Stream Diversions, Town of Alabama, Genesee Co. NY by Butterbaugh Archeological Consulting, Inc, Buffalo, NY August 1996
36/57	① Stage I Cultural Resource Investigations for Empire State Pipeline Proj., NY State Vol. I by Commonwealth Cultural Resources Group, Inc., Jackson, MI March 1992
36/57	This is the Empire State Pipeline Project - Multiple Counties - All Phases are filed under Niagara County #57
37	① Management, Summary of Archeological Investigations at the Tonawanda Wildlife Mgmt. Area, Genesee Co., NY by Commonwealth Cultural Resources Group, Jackson MI Oct. 1991
	② Stage II Archeological Investigations at The Whitney Creek No. 1 Site (ANR-39; A037-01-0024) Genesee County, NY by Commonwealth Cultural Resources Group Inc, Jackson, MI Oct. 1992
132	Ph. I Cultural Resources Investigation for Proposed Tonawanda Wetland Restoration Project, T. of Alabama, Genesee Co. NY by Panamerican Consultants Inc, Buffalo NY Aug. 2007
36/57	② Stage I Cult. Resource Investigations for Empire State Pipeline Proj., NY State Vol. II by Commonwealth Cultural Resources Group Inc, Jackson MI March 1992
	③ Stage II Archeological Invest. for the Empire State Pipeline Project, NY by Commonwealth Cultural Resources Group (CCRG) Vol. I April 1993 (Draft)

NEW YORK STATE PREHISTORIC ARCHAEOLOGICAL SITE INVENTORY FORM

For Office Use Only--Site Identifier 03701.000033

(10) NRE

Project Identifier TONAWANDA WILDLIFE MANAGEMENT AREA

Date 11/12/91

Your Name DONALD J. WEIR
 Address 2530 SPRING ARBOR ROAD
JACKSON, MICHIGAN
 Zip 49203-3602

Phone () _____

Organization (if any) Commonwealth Cultural Resources Group

1. Site Identifier(s) Whitney Creek site

2. County Genesee One of following: City _____
 Township ALABAMA
 Incorporated Village _____
 Unincorporated Village or Hamlet _____

3. Present Owner _____
 Address _____
 Zip _____

4. Site Description (check all appropriate categories):

Site

- | | | |
|--|--|---|
| <input type="checkbox"/> Stray find | <input type="checkbox"/> Cave/Rockshelter | <input type="checkbox"/> Workshop |
| <input type="checkbox"/> Pictograph | <input type="checkbox"/> Quarry | <input type="checkbox"/> Mound |
| <input checked="" type="checkbox"/> Burial | <input type="checkbox"/> Shell midden | <input type="checkbox"/> Village |
| <input checked="" type="checkbox"/> Surface evidence | <input checked="" type="checkbox"/> Camp | <input checked="" type="checkbox"/> Material in plow zone |
| <input type="checkbox"/> Material below plow zone | <input type="checkbox"/> Buried evidence | <input type="checkbox"/> Intact occupation floor |
| <input type="checkbox"/> Single component | <input type="checkbox"/> Evidence of features | <input type="checkbox"/> Stratified |
| | <input checked="" type="checkbox"/> Multicomponent | |

Location

- | | | |
|--|---|--|
| <input type="checkbox"/> Under cultivation | <input type="checkbox"/> Never cultivated | <input type="checkbox"/> Previously cultivated |
| <input type="checkbox"/> Pastureland | <input type="checkbox"/> Woodland | <input checked="" type="checkbox"/> Floodplain |
| <input type="checkbox"/> Upland | | <input type="checkbox"/> Sustaining erosion |

Soil Drainage: excellent good fair poor

Slope: flat gentle moderate steep

Distance to nearest water from site (approx.) _____

Elevation: _____

5. Site Investigation (append additional sheets, if necessary):

Surface date(s) _____
 Site Map (Submit with form*)
 Collection

Subsurface--date(s) _____
 Testing: shovel coring other _____ unit size 1 x 1 m
 no. of units 69 (Submit plan of units with form*)

Excavation: unit size _____ no. of units _____
 (Submit plan of units with form*)

* Submission should be 8½"x11", if feasible

Investigator Commonwealth

Manuscript or published report(s) (reference fully):

MANAGEMENT SUMMARY OF ARCHAEOLOGICAL INVESTIGATIONS
AT THE TONAWANDA WILDLIFE MANAGEMENT AREA,
Genesee County, NY
Present repository of materials OPRHP

6. Component(s) (cultural affiliation/dates):

LATE ARCHAIC, MIDDLE WOODLAND, LATE WOODLAND

7 List of material remains (be as specific as possible in identifying object and material):

LITHICS, DIAGNOSTIC PROJECTILE POINTS

If historic materials are evident, check here and fill out historic site form.

8. Map References: Map or maps showing exact location and extent of site must accompany this form and must be identified by source and date. Keep this submission to 8½"x11", if possible.

USGS 7½ Minute Series Quad. Name AKRON QUAD

For Office Use Only UTM Coordinates

9. Photography (optional for environmental impact survey): Please submit a 5"x7" black and white print(s) showing the current state of the site. Provide a label for the print(s) on a separate sheet.

This Site includes previously identified sites

- A03701.000025 ANR 40 Whitney Creek #2
- A03701.000026 ANR 41 Whitney Creek #3
- A03701.000027 ANR 42 Whitney Creek #4
- A03701.000024 ANR 39 Whitney Creek #1
- A03701.000039 ANR 163 Whitney Creek #7
- A03701.000028 ANR 43 Whitney Creek #5
- A03701.000031 ANR 46 Whitney Creek #6

SITE EVALUATION AND ELIGIBILITY DISCUSSION

DEC (Agency)

Alabama (T), Genessee County (Location)

Tonawanda WMA (91PR2072) (Project Name)

Whitney Creek Site (A03701.00033) (Site Identifier)

I. X Property appears NR/SR eligible.

- Identify relevant theme: _____
- Existence of relevant context: ___ yes X no (undeveloped)
Discuss: Late Archaic, Middle & Late Woodland Periods

SPECIFIC CRITERIA:

- A. ___ Associated with events that have made a significant contribution to the broad patterns of our history; OR
- B. ___ Associated with lives of persons significant in our past; OR
- C. ___ Embodies the distinctive characteristics of a type, period, or method of construction; OR represents a significant and distinguishable entity whose components may lack individual distinction; OR
- D. X Have yielded, or may be likely to yield, information important in pre-history or history.

DISCUSSION: The Whitney Creek site is a large, multi-component occupation consisting of seven discrete loci bearing lithic artifact concentrations in the plow zone. Diagnostic artifacts date the site to the Late Archaic, Middle and Late Woodland Periods. The site is significant because of the presence of one intact human burial, and a second probable grave. Both burial features remain largely intact and well preserved. The presence of these interments indicates that the site has the potential to contribute to our knowledge of New York State prehistory, including research questions regarding past mortuary practices and human health and dietary conditions.

Evaluated by: Robert Kuhn, Historic Preservation Program Analyst
November 13, 1991

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Stage 1 Archeological Report
for the
Goras Stream Diversions
Town of Alabama
Genesee County, New York

by
Kirk W. Butterbaugh, M.A.
Principal Investigator

August 21, 1996

Prepared for
Ms. Florence L. Swartz
U.S.D.A., Natural Resources Conservation Service
441 S. Salina Street
Suite 354, 5th Floor
Syracuse, New York 13202-2450

Butterbaugh Archeological Consulting, Inc.
428 West Delavan Avenue
Buffalo, New York 14213
716-882-3584

96PR1390

Management Summary

Project Sponsor: Ms. Florence L. Swartz
U.S.D.A., Natural Resources Conservation Service
441 S. Salina Street
Suite 354, 5th Floor
Syracuse, New York 13202-2450

Project/Facility Name: Goras Stream Diversions

Project/Facility Location: Judge Road, Town of Alabama, Genesee County

OPRHP Number: 96PR1340

Recommendations of the Stage 1A Report

- No additional work recommended
- Additional work recommended

Results of the Stage 1B Report (if appropriate)

- No sites found in project area
- Site(s) found in project area

Recommendations of the Stage 1B Report (if appropriate)

- No additional work recommended
- Additional work recommended
- Stage 2 Report attached Yes No
- Project should be modified to avoid site(s)
- Applicant should seek direction from agency(s) as to the need for additional work

Recommendations of the Stage 2 Report (if appropriate)

- Site(s) do not appear to meet the criteria of the NY State Register of Historic Places
- Site(s) appear to meet the criteria of the NY State Register of Historic Places
- Project should be modified to avoid site(s)
- Agency (s) should seek the opinion of the NYS Office of Parks, Recreation and Historic Preservation (OPRIIP) on the significance of the site(s)

Summary prepared by: Kirk W. Butterbaugh, M.A.
Date: August 21, 1996

