



Illinois  
Department of  
**Natural  
Resources**

JB Pritzker, Governor • Natalie Phelps Finnie, Director  
One Natural Resources Way • Springfield, Illinois 62702-1271

[www.dnr.illinois.gov](http://www.dnr.illinois.gov)

Kane County  
Elgin  
South side of Highland Ave., West of Jackson Dr.  
Section:8-Township:41N-Range:8E  
IEPA  
New Construction of a Community Solar Project, SV CSG Wilson School Solar, LLC

PLEASE REFER TO: SHPO LOG #020061825

July 2, 2025

Joseph Pnewski  
Area M Consulting, LLC  
7302 Claredon Dr.  
Edina, MN 55439

The Illinois State Historic Preservation Office is required by the Illinois State Agency Historic Resources Preservation Act (20 ILCS 3420, as amended, 17 IAC 4180) to review all state funded, permitted, or licensed undertakings for their effect on cultural resources. Pursuant to this, we have received information regarding the referenced project for our comment.

Our staff has reviewed the specifications under the state law and assessed the impact of the project as submitted by your office. We have determined, based on the available information, that no significant historic, architectural, or archaeological resources will be affected within the proposed project area.

According to the information you have provided there is no federal involvement in your project. Be aware that the state law is less restrictive than the federal cultural resource laws concerning archaeology. If your project will use federal loans or grants, need federal agency permits, use federal property, or involve assistance from a federal agency then your project must be reviewed under the National Historic Preservation Act of 1966, as amended. Please notify us immediately if such is the case.

This approval remains in effect for two (2) years from date of issuance. It does not pertain to any discovery during construction, nor is it a clearance for purposes of the Illinois Human Remains Protection Act (20 ILCS 3440).

Please retain this letter in your files as evidence of compliance with the Illinois State Agency Historic Resources Preservation Act.

If further assistance is needed, please contact Jeff Kruchten, Principal Archaeologist, at 217/785-1279 or [jeff.kruchten@illinois.gov](mailto:jeff.kruchten@illinois.gov).

Sincerely,

Carey L. Mayer, AIA  
Deputy State Historic Preservation Officer



June 18, 2025

Mr. Jeff Krutchen  
Chief Archaeologist  
Illinois State Historic Preservation Office, IDNR  
One Natural Resources Way  
Springfield, IL 62702

**Subject: Phase I Cultural Resources Survey for the SV CSG Wilson School Solar, LLC Project, Kane County, Illinois**

Dear Mr. Krutchen,

Please find attached the Phase I Cultural Resources Report and associated appendices in fulfillment of a Phase I Cultural Resources study for the SV CSG Wilson School Solar, LLC Project, located to the west of the city of Elgin, Kane County, Illinois (Project).

The proposed Project will produce up to 5MW. Ground between rows of photovoltaic generators will be planted with seed and vegetation maintenance will occur for the life of the Projects. The lifespan of solar equipment can be up to 40 years, with an energy contract between 20 and 25 years. The *Project Area*, spanning 43.3 acres, includes all areas within the parcel that may experience ground-disturbing activities, including interconnection, masts, road improvements, lay down areas, and water retention are included in this survey report; all existing structures will be avoided.

As currently defined, the Project is not considered a federal undertaking as defined by Section 106 of the National Historic Preservation Act of 1966, as amended, and its implementing regulations (36 CRF 800). Community Solar projects are typically subject to municipal-level or county-level permitting only. However, as part of a suite of due diligence studies, a Phase I archaeological survey was conducted to determine if the project area contains any intact archaeological resources or historic properties that may be that may impacted by the Project.

In May2025, Area M completed a comprehensive Cultural Resources study for the proposed Project. The Cultural Resources study included a Phase I archaeological survey of the Project Area within the property boundaries (43.3 acres) to identify any archaeological sites that are potentially eligible for inclusion in the National Register of Historic Places (National Register). In addition, an inventory of standing structures was conducted within a 0.25 mile buffer surrounding the Survey Area of the Project surrounding the property.

Project	County	TRS	Estimated Area
SV CSG Wilson School Solar, LLC	Kane	T41N R8E S8	43.3 ac

The Phase I archaeological survey did not identify any cultural resources. The inventory of standing structures identified total of five properties were determined to be located within a 0.25 mile buffer surrounding the Survey Area of the Project.



Based on these findings, Area M does not recommend any additional cultural investigations prior to, or during, the development of the parcel subject to this survey. Therefore, Area M recommends that the Project may proceed as planned with no negative impact to cultural resources. If the Project Area is altered, a new report must be rendered.

If you have any questions, or comments, regarding this letter or report, please feel free to contact me.

Sincerely,

**Area M Consulting, LLC**

A handwritten signature in purple ink, appearing to read "JPnewski".

**Joseph K. Pnewski**  
*Senior Archaeologist and Principal Investigator*



612.308.9888

[jpnewski@areamconsulting.com](mailto:jpnewski@areamconsulting.com)

**PHASE I CULTURAL RESOURCES SURVEY**  
*SV CSG Wilson School Solar, LLC*  
*Kane County, Illinois*

**Prepared for:**

*SV CSG Wilson School Solar, LLC*  
*330 W, State Street*  
*Suite 1*  
*Geneva, IL 60134*

**Principal Investigator and Report Author**  
Joseph K. Pnewski

*Area M Consulting, LLC*  
*Environmental Consultants*  
*7302 Claredon Drive*  
*Edina, MN 55439*  
[www.areasconsulting.com](http://www.areasconsulting.com)

AREAM

*June 2025*

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## MANAGEMENT SUMMARY

In May 2025, Area M Consulting (Area M) completed a comprehensive Cultural Resources study for the following Community Solar project directly to the west of the city of Elgin, Kane County, IL: SV CSG Wilson School Solar, LLC Project (Project)

The proposed project will include development of the parcel for a community solar garden and will produce up to 5MW. As currently defined, the Project is not considered a federal undertaking as defined by Section 106 of the National Historic Preservation Act of 1966 (NHPA), as amended, and its implementing regulations (36 CRF 800). However, as part of a suite of due diligence studies, a Phase I archaeological survey was conducted to determine if the project area contains any intact archaeological resources or historic properties that may be that may impacted by the Project.

The project archaeological Survey Area (Survey Area) includes the property boundary of the 43.3 acre parcel. The Project area is located within Section 8 of Township (T) 41N, Range (R) 8E. Further, a 0.25 mile visual buffer of the Survey Area was also inventoried for standing structures. Joseph Pnewski served as the Principal Investigator.

No cultural resources were identified during the Phase I archaeological survey.

Five structural properties were determined to be located within a 0.25 mile visual buffer of the Survey Area of the Project.

Based on these findings, Area M does not recommend any additional cultural investigations prior to, or during, the development of the parcel subject to this survey. Therefore, Area M recommends that the Project may proceed as planned with no negative impact to cultural resources. If the Project Area is altered, a new report must be rendered.

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## INTRODUCTION

In May 2025, Area M completed a comprehensive Cultural Resources study for the following Community Solar project to the west of Elgin, IL municipal limits: SV CSG Wilson School Solar, LLC Project (Project). The Project is not considered a federal undertaking as defined by Section 106 of the NHPA, as amended, and its implementing regulations (36 CRF 800). However, as part of a suite of due diligence studies, a Phase I archaeological survey was conducted to determine if the project area contains any intact archaeological resources or historic properties that may be that may impacted by the Project.

### PROJECT DESCRIPTION

The proposed Project is a single 5MW community solar garden (CSG) consisting of a ground-mounted photovoltaic array, access road, and associated components. All areas within the parcel may experience ground-disturbing activities, including interconnection, masts, road improvements, lay down areas, and water retention are included in this survey report; all existing structures will be avoided.

### ARCHAEOLOGICAL SURVEY AREA (SURVEY AREA)

The Project, encompassing approximately 43.3 acres, is located in an agricultural field directly to the west of the city of Elgin, IL (Appendix A: Maps 1-2). The project archaeological survey area (Survey Area) includes all areas within the Project parcel, while a 0.25 mile buffer surrounding the Survey Area was also inventoried for standing structures.

The UTM (NAD 83, Zone 16) center point for the project area is 4656354 E, 388024 N. The Project Area is located within Section 8 of T41N:R8E.

**TABLE 1. PROJECT LEGAL LOCATION AND PROPOSED ACREAGE.**

<b>Project</b>	<b>County</b>	<b>TRS</b>	<b>Estimated Area</b>
SV CSG Wilson School Solar, LLC	Kane	T41N R8E S8	43.3 ac

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## METHODS

All work was conducted in accordance with the *Illinois State Historic Preservation Office Guidelines for Archaeological Reconnaissance Surveys and Reports* (IDNR 2024) and the *Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation* (National Park Service 1983).

### OBJECTIVES

The purpose of the Phase I archaeological survey was to determine whether the project's archaeological Survey Area contains intact archaeological resources that may be eligible for listing in the National Register of Historic Places (National Register). The National Register criteria used to assess the significance of documented archaeological sites are included below (National Park Service 1997).

- Criterion A – association with events that have made a significant contribution in our past;
- Criterion B – association with the lives of persons significant in our past;
- Criterion C – embodiment of the distinctive characteristics of a type, period, or artistic values; or representation of the work of a master; possession of high artistic values; or representation of a significant and distinguishable entity whose components may lack individual distinction; or
- Criterion D – potential to yield information important to prehistory or history.

### LITERATURE SEARCH

Prior to fieldwork, staff from Area M conducted background research on the Illinois Inventory of Archaeological Sites (IIAS) and Historic & Architectural Resources Geographic Information System (HARGIS) online portals. Sources examined during this research included files of previously identified cultural resources and cultural resources surveys that fall within or near, the project area. Additional historical maps, as well as historical aerial photographs, topographic maps, satellite imagery, LiDAR imagery, and other sources were reviewed online. This research was conducted to identify those portions of the project area that have a higher potential for containing intact archaeological resources.

### PROBABILITY MAPPING METHODS

A probability map for unrecorded resources was completed for the Project. Permanently wet areas (e.g., wetlands and streams), poorly drained areas, and areas with slopes greater than 20 percent are generally considered inhospitable to human occupation and are unlikely to contain cultural resources. In general, areas with higher pre-contact archaeological potential are in proximity to a relatively substantial water source, typically within 500 feet, though the exact

distance often varies according to environmental conditions such as the size of the body of water, the nature of the water source (perennial versus intermittent), and the extent of the floodplain. Topographic prominence and/or proximity to previously recorded pre-contact sites are also typically indicative of high pre-contact archaeological potential.

### **PHASE I ARCHAEOLOGICAL SURVEY**

The Phase I archaeological survey examined those portions of the project area that were assessed as having the potential to contain intact archaeological resources and which had not undergone previous survey. The Phase I Survey included literature search, predictive modeling, LiDAR analysis, and field survey of one hundred percent of the Project area.

Areas identified as having moderate to high archaeological potential that afforded greater than 40 percent surface visibility underwent systematic pedestrian survey at 5-meter intervals. During this survey, the entirety of the property afforded greater than 40 percent visibility.

### **STANDING STRUCTURES INVENTORY**

The standing structures inventory examined those portions of the project area and a surrounding 0.25 mile buffer of the Survey Area. The inventory included both background literature search of the entire 0.25 mile buffer of the Survey Area and field survey of properties that are determined to potentially have viewsheds that would be impacted by the project.

For this project, the standing structures inventory included a comprehensive inventory of all properties within the 0.25 mile buffer of the project area. For all inventoried properties the date of construction is attempted to be determined via publicly available data such as county tax records, online parcel viewers, and general address searches. If no date of construction can be determined via those resources, historical aerial photographs and plat maps are utilized to determine the closest date of construction range as possible. Properties determined to potentially have affected viewsheds, were attempted to be documented utilizing photographs from the public right-of-way (ROW) or publicly accessible areas. Best practices were used to obtain the best photograph of all properties.

### **GEOGRAPHIC INFORMATION SYSTEM DATA**

The location and boundaries of any cultural resources identified by Area M during field surveys were mapped using a Trimble Geoexplorer 6000 which typically achieves accuracy within 2 feet. Maps depicting survey areas and identified archaeological sites are included in Appendices A and B.

### **LABORATORY ANALYSIS AND CURATION**

No artifacts were identified during the Phase I investigations.

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## LITERATURE SEARCH

On May 23, 2025 Area M conducted a desktop review of previously recorded archaeological sites and surveys (IIAS Portal) and historic resources (HARGIS portal). Additional historical maps, as well as historical aerial photographs, topographic maps, satellite imagery, LiDAR imagery, and other sources were reviewed online. This research was conducted to identify those portions of the project area that have a higher potential for containing intact archaeological resources.

### PREVIOUS ARCHAEOLOGICAL INVESTIGATIONS

Background research within the IIAS Portal revealed a total of 25 archaeological surveys are documented within a one-mile (1.6-km) radius of the archaeological Survey Area, related to road corridors, sewer lines, recreational trail construction, and residential development within the city of Elgin, IL. Of those, two studies entirely encompassed the current archaeological Survey Area. A brief description of those archaeological surveys are included below.

#### ***K 5046 - City of Elgin West Zone- Phase II Water Main***

In 1993, Patrick Archaeology conducted a Phase I archaeological survey of a 30 foot wide and 13,700 foot long corridor in anticipation of waterline construction for the City of Elgin, IL (Kullen 1993). The previously surveyed area includes the east field edge of the Survey Area. The associated report does not note the specific field conditions or method of survey conducted within the current Survey Area. No cultural resources were identified within the Survey Area as part of the 1993 Phase I archaeological survey.

#### ***K 14162 - A Phase I Archaeological Reconnaissance Survey of the 75 Acre Burnidge Property in Elgin Township, Kane County, Illinois***

In 2003, Midwest Archaeological Research Services, Inc. conducted a Phase I archaeological survey in anticipation of proposed residential development. The previously surveyed area entirely encompasses the current Survey Area. At the time of the 2003 survey, the archaeological Survey Area included a 50 acre agricultural field planted in soybean affording approximately 30% surface visibility, approximately 15 wooded acres, and 10 acres determined to be pond and wetland. The cultivated portion of the Project Area underwent pedestrian survey at 5-m intervals, while the wooded portion of the Project Area underwent shovel testing at 15-m intervals. During the course of the 2003 survey no cultural resources were identified and the associated report recommended no further work (Pfannkuche and Kim, 2003).

### ARCHAEOLOGICAL SITES

Background research within the IIAS Portal revealed 13 previously-recorded archaeological resources have been recorded within a one-mile (1.6 km) radius of the Project Area (Table 1).

**TABLE 2. ARCHAEOLOGICAL RESOURCES WITHIN ONE-MILE OF THE PROJECT**

Site Num	Name	TRS	Description
11K53		T41N R8E S8	Lithic Scatter
11K54		T41N R8E S9	Lithic Scatter
11K56		T41N R8E S9	Lithic Scatter
11K537		T41N R8E S5	Lithic Scatter
11K603		T41N R8E S8	Lithic Scatter
11K640	The C. Hall Farmstead	T41N R8E S18	Historical Farmstead and Artifact Scatter
11K924		T41N R8E S8	Lithic Findspot
11K925		T41N R8E S8	Lithic Findspot
11K926		T41N R8E S8	Lithic Findspot
11K927		T41N R8E S8	Lithic Findspot
11K944		T41N R8E S9	Historical Artifact Scatter
11K970	Paddleford Farmstead	T41N R8E S5	Historical Farmstead and Artifact Scatter
11K1407		T42N R8E S31	Boy Scouts of America's Camp Big Timber Standing Structures

Of the previously identified resources, nine are documented as prehistoric archaeological sites, and four are recorded as historical archaeological sites (Table 2). No previously identified archaeological sites are located within the Survey Area.

**ASSESSMENT OF ARCHAEOLOGICAL POTENTIAL**

The archaeological survey area’s terrain and topography, distance to water sources and other natural resources, and other landscape conditions, both as they exist current and as they were historically, were studied to estimate the potential for the Project Area to hold unrecorded cultural resources.

In general, areas with higher pre-contact archaeological potential are in proximity to a relatively substantial water source, typically within 500 feet, though the exact distance often varies according to environmental conditions such as the size of the body of water, the nature of the water source (perennial versus intermittent), and the extent of the floodplain. Topographic prominence and/or proximity to previously recorded pre- contact sites are also typically indicative of high pre-contact archaeological potential.

In addition, proximity to previously recorded archaeological resources can be an indicator of potential for unrecorded archaeological resources based on similar environmental or landscape conditions. For historical-period archaeological resources, proximity to historical-period structures, buildings, roads, or features can also be an indicator for higher archaeological potential. However, it should be noted that the absence of previously recorded archaeological sites or features in an area does not necessarily suggest low archaeological potential.

In otherwise moderate or high potential locations, archaeological resources can be destroyed or disturbed by agricultural activities, road or structural development, grading, mining or other ground surface disturbing activities.

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A review of the landscape, environment, and topographic features, as well as the IAPM probability layer, indicates that a majority of the Project Area is located within area of low archaeological potential due to lack of general topographic features, distance from substantial water sources, and modern manipulation of the landscape (agricultural disturbance and wetland fill). However, due to the presence of a small pond to the west and a small drainage to the south, topographically elevated portions of the Survey Area may contain moderate potential for prehistoric archaeological resources.

A review of 19<sup>th</sup> and 20<sup>th</sup> century Public Land Survey (PLS) resources and historical aerial photographs indicates the presence of c.1892 school proximate the Project Area to the west (Appendix B: Figures 1-4) (Mann 1860, n.a 1872, D.W. Ensign & Co. 1892, n.a. 1904, 1921, 1935, Kane County Farm Bureau 1942, n.a. 1950). The school is present as early as 1892 however based on later maps it appears to be to the west of pond over a 0.25 mile to the west of Project Area (Appendix B: Figures 2-4). Further, the previous 2003 survey of the area did not identify any evidence of the school (Pfannkuche and Kim, 2003). As a result, the Survey Area exhibits low potential for historical archaeological resources.

#### **HISTORIC AND ARCHITECTURAL RESOURCES**

Background research within the HARGIS Portal revealed that no previously identified historical standing structures have been recorded within a one-mile (1.6-km) radius of the Project area.

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## PHASE I ARCHAEOLOGICAL SURVEY

Area M completed a Phase I archaeological survey on May 27, 2025. The archaeological Survey Area is located within a relatively flat agricultural field bound by W Highland Ave to the north, a wooded parcel and pond to the south and west, and residential development to the east (Appendix C: Maps 3-4). Historical aerial imagery indicates the Survey Area has undergone extensive tiling and drainage control. The Survey Area is cultivated annually and was planted in corn in 2025. The surrounding landscape is dominated by residential development associated with the city of Elgin as well as smaller amounts of cropland and greenspace.

### SURVEY RESULTS

Although the Survey Area is located largely within areas of low archaeological potential, a Phase I archaeological survey was conducted due to general proximity to a pond to the west and an ephemeral drainage to the south (Appendix C: Maps 3-4). At the time of survey, the archaeological survey area comprised entirely of a planted corn field affording approximately 60-80% surface visibility throughout (Appendix C: Map 3, Figures 1-6). The entirety of the Survey Area underwent pedestrian survey at 5-m intervals. The documented plowed surface of the field indicates intensive cultivation through present day. No cultural resources were identified during the Phase I archaeological survey.

Based on the results of the Phase I archaeological survey no further archaeological investigations are recommended within the Project Survey Area.

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## STANDING STRUCTURE INVENTORY

Area M completed an inventory of standing structures within a 0.25 mile buffer of the Survey Area surrounding the Project area on May 27, 2025. The 0.25 mile buffer of the Survey Area is located entirely within a rural/suburban residential landscape including residential and commercial development associated with the city of Elgin, IL as well as sporadic cropland.

Properties within the 0.25 mile buffer of the Survey Area, and potential visual impact to properties, were determined via current aerial imagery. Visual impact was determined through analysis of topography, vegetation, other structures, and any other viewshed disturbance (e.g. taller hills or heavy slopes, wooded lots, and/or taller or larger structures between the Project area and identified properties). It should be noted that visual disturbance from the proposed solar project is unlikely; although solar sites include structures that are conspicuous when compared to building and structures of the region (including overhead cabling and power lines, telephone poles, transmission towers, and farm structures such as silos, barns, and granaries), they are low profile and will become increasingly common.

For properties within the 0.25 mile buffer of the Survey Area, date of construction was determined through using publicly available data such as county tax records, online parcel viewers, and general address searches (Mann 1860, n.a. 1872, D.W. Ensign & Co. 1892, n.a. 1904, 1921, 1935, Kane County Farm Bureau 1942, n.a. 1950). If no date of construction can be determined via those resources, historical aerial photographs and plat maps are utilized to determine the closest date of construction range as possible.

### INVENTORY RESULTS

A total of five properties within the 0.25 mile buffer of Survey Area identified through background research were reviewed during the field visit (Table 3; Appendix D: Maps 5-6). All five of these properties were determined to potentially have viewsheds that would be impacted by the solar development or could be impacted in the future. All properties with affected viewsheds were attempted to be documented from the public ROW or publicly accessible areas. However, three properties were unable photographed clearly from public ROW (see below) (Appendix D: Map 6). Best practices were used to obtain the best photograph of all properties.

#### *37W913 Highland Ave*

Property was set back approximately 500 feet back from the road and was entirely obscured by overgrowth from the public ROW. A photograph of the current conditions (2025) was taken (Appendix D: Figure 1). In addition, a clearer aerial photograph from 2017 was included in order to show number of structures and general layout (Appendix D: Figure 2).

**37W812 Highland Ave**

Property was entirely obscured by overgrowth from the public ROW. Historical aerial photographs suggest the residence is heavily damaged due to fire sometime post dating 2022. An aerial photograph from 2025 was included in order to show number of structures and general layout (Appendix D: Figure 3).

**37W550 Highland Ave**

Property was set back approximately 600 feet back from the road and was entirely obscured by overgrowth from the public ROW. A photograph of the current conditions (2025) was taken (Appendix D: Figure 6).

Further, it should be noted that additional late 20th Century development (post. 1980) was identified within the 0.25 mile buffer to the south and east. However, based on its recent construction it was not documented as part of this survey (Appendix D: Map 6). Based on these findings, no photos of those properties are included in this report.

An annotated map of inventoried property locations, as well as field photos of properties with potentially impacted viewsheds are presented in Appendix D (Map 5-6; Figures 1-7).

**TABLE 3. PROPERTIES WITHIN 0.25 MILE BUFFER OF THE SURVEY AREA**

Map Num	Figure Num	Address Elgin, IL 60124	Description	Cons. Date	Viewshed	National Register Status	Photo Date
<b>0.25 mile buffer of the Survey Area (Potential Visual Impact)</b>							
1	1-2	37W913 Highland Ave	Residential	1880	Part Obscured	Uneval.	5/27/25
2	3	37W812 Highland Ave	Residential	Pre-1953	Part Obscured	Uneval	NA
3	4-5	37W705 Highland Ave	Residential	1975	Part Obscured	Uneval	5/27/25
4	6	37W550 Highland Ave	Residential	1978	Part Obscured	Not Eligible	5/27/25
5	7	37W522 Highland Ave	Residential	1900	Part Obscured	Uneval.	5/27/25

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## SUMMARY AND RECOMMENDATIONS

In May 2025, Area M completed a comprehensive Cultural Resources study for the proposed SV CSG Wilson School Solar, LLC Project. The Cultural Resources study included a desktop literature search, Phase I archaeological survey within the property boundaries, and an inventory of standing structures was conducted within a 0.25 mile buffer of the Survey Area surrounding the property. As currently defined, the Project is not considered a federal undertaking as defined by Section 106 of the National Historic Preservation Act of 1966, as amended, and its implementing regulations (36 CRF 800). However, as part of a suite of due diligence studies a Phase I archaeological survey was conducted to determine if the project area contains any intact archaeological resources or historic properties that may be impacted by the Project.

No cultural resources were identified during the Phase I archaeological survey.

Five structural properties were determined to be located within a 0.25 mile visual buffer of the Survey Area of the Project.

Based on these findings, Area M does not recommend any additional cultural investigations prior to, or during, the development of the parcel subject to this survey. Therefore, Area M recommends that the Project may proceed as planned with no negative impact to cultural resources. If the Project Area is altered, a new report must be rendered.

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## REFERENCES

D.W. Ensign & Co.

1892 Plat Book of Kane County, Illinois. D. W. Ensign & Co. Chicago

Illinois Department of Natural Resources

2024 Illinois State Historic Preservation Office Guidelines for Archaeological Reconnaissance Survey and Reports. Illinois Department of Natural Resources. Springfield, IL.

Kane County Farm Bureau

1942 Plat Book of Kane County, Illinois. Kane County Farm Bureau. Accessed on the Illinois Inventory of Archaeological Sites Online Portal.

Kullen, Douglas

1993 City of Elgin West Zone – Phase II Water Main. Prepared for the City of Elgin. Patrick Archaeology. Glen Ellyn, Illinois.

Mann, Adin

1860 Map of Kane County, Illinois. Adin Mann. Accessed on the Illinois Inventory of Archaeological Sites Online Portal.

n.a.

1872 Combination Atlas Map of Kane County, Illinois. Accessed on the Illinois Inventory of Archaeological Sites Online Portal.

1905 20<sup>th</sup> Century Atlas of Kane County, Illinois. Accessed on the Illinois Inventory of Archaeological Sites Online Portal.

1921 Map of Kane County, Illinois. Accessed on the Illinois Inventory of Archaeological Sites Online Portal.

1935 Atlas of Kane County, Illinois. Accessed on the Illinois Inventory of Archaeological Sites Online Portal.

1957 Farm Plat Book and Business Guide, Kane County, Illinois. Accessed on the Illinois Inventory of Archaeological Sites Online Portal.

National Park Service

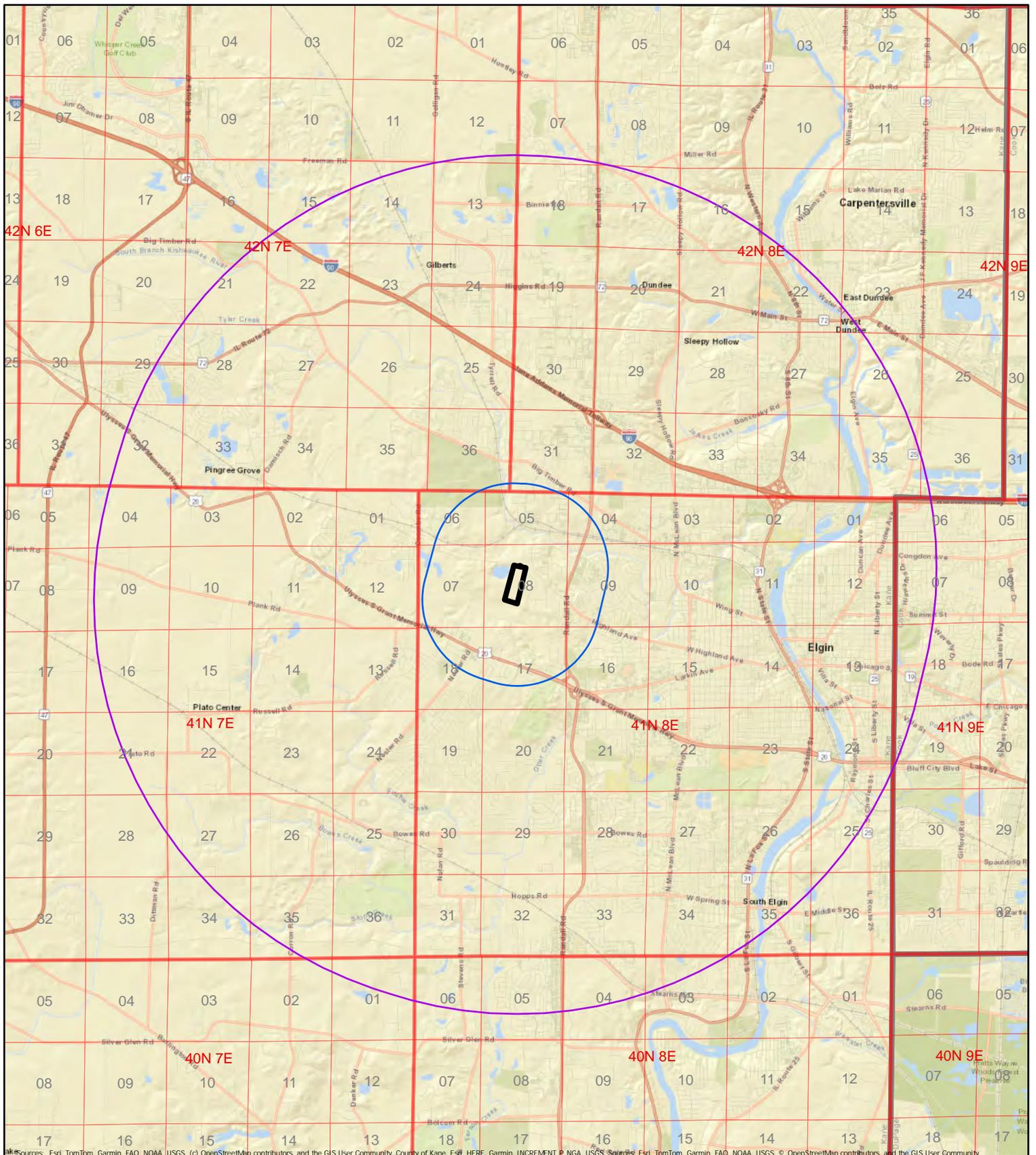
1983 Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation. *Federal Register*, Vol. 48 (190):44,716 (September 29, 1983).

1997 How to Apply the National Register Criteria for Evaluation. *National Register Bulletin*, 15.

Pfannkuche, Sara L. and Lynn Kim.

2003 A Phase I Archaeological Reconnaissance Survey of the 75 Acre Burnidge Property in Elgin Township, Kane County, Illinois. Prepared for Kimball Hill Homes. Midwestern Archaeological Research Center. Normal, Illinois.

**Appendix A:**  
**Overview Maps**

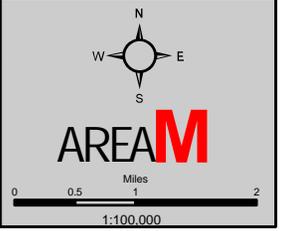
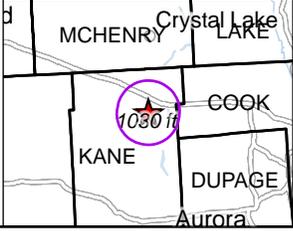


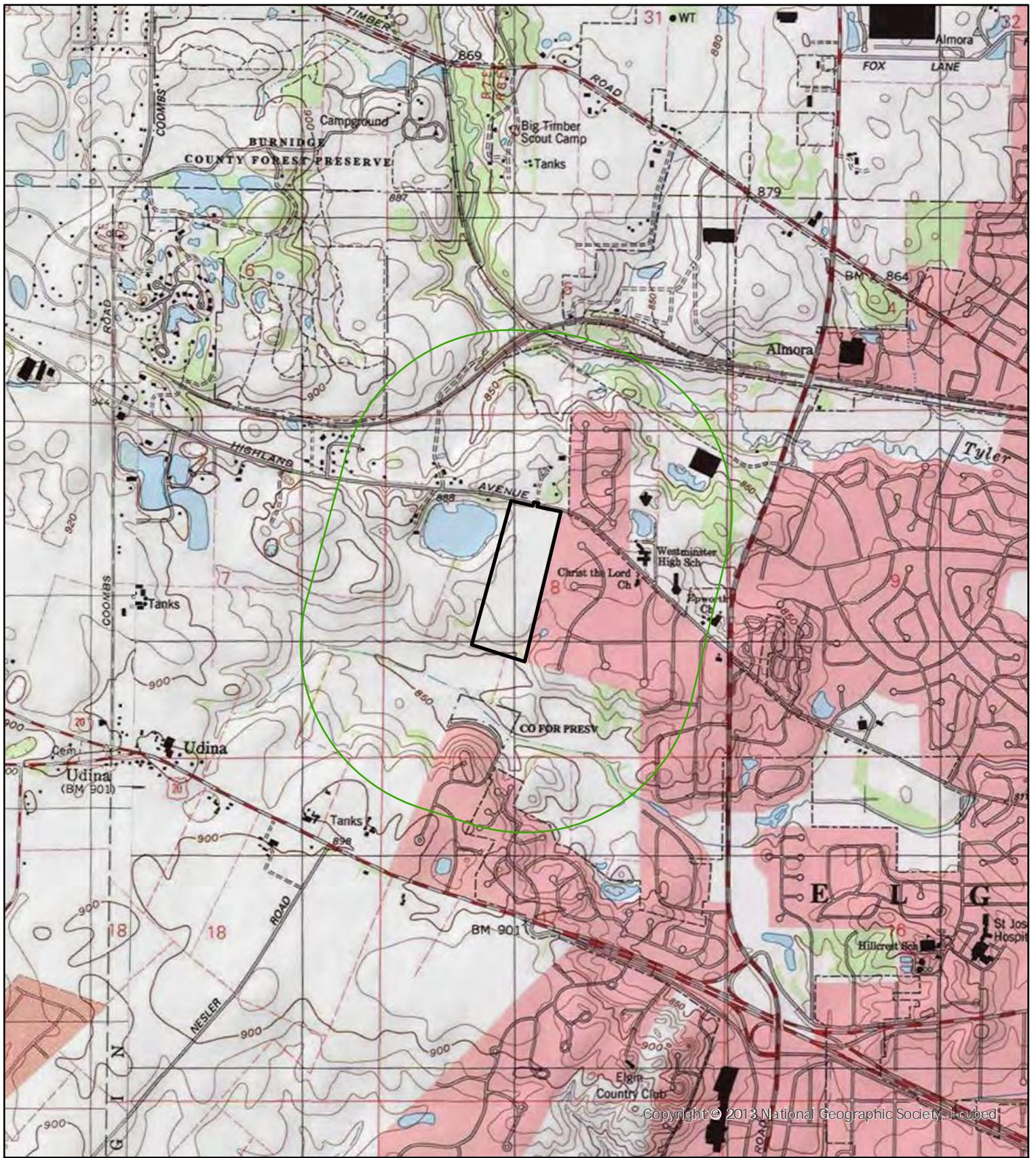
Map Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, County of Kane, Esri, HERE, Garmin, INCREMENT, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

**SV CSG Wilson School Solar, LLC** **Map 1. Location Map**

Kane County, IL  
 S8 T41N:R8E  
 43.3 Acres  
 NAD 83 Zone 16  
 388024 N  
 4656354 E

- ★ Project Location
- Project Area
- 1-Mile Buffer
- 5-mile Buffer
- Section Line
- Township Line
- County Line





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**SV CSG Wilson School Solar, LLC**

**Map 2. 1:24,000 Topographic**

Kane County, IL

- Project Area
- 0.5-mile Buffer

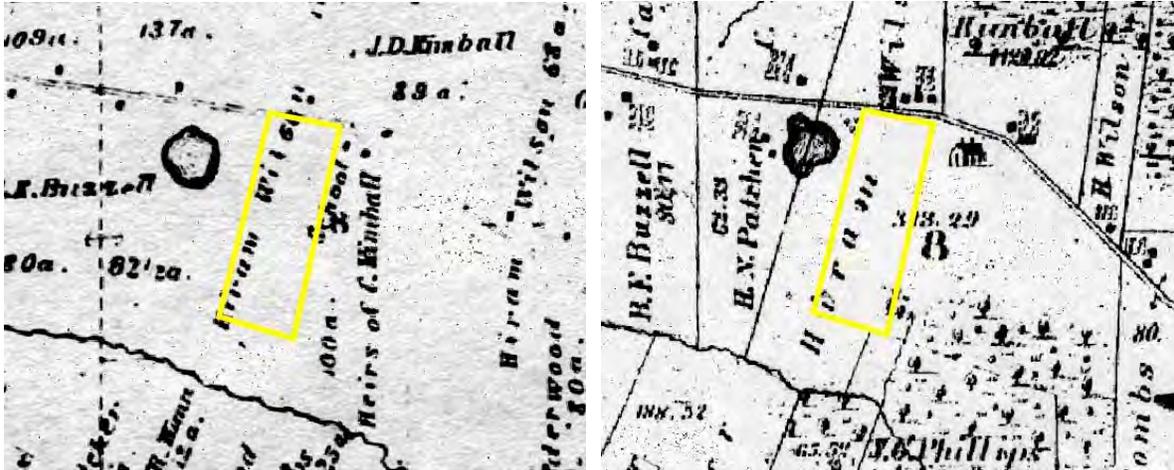


**AREAM**

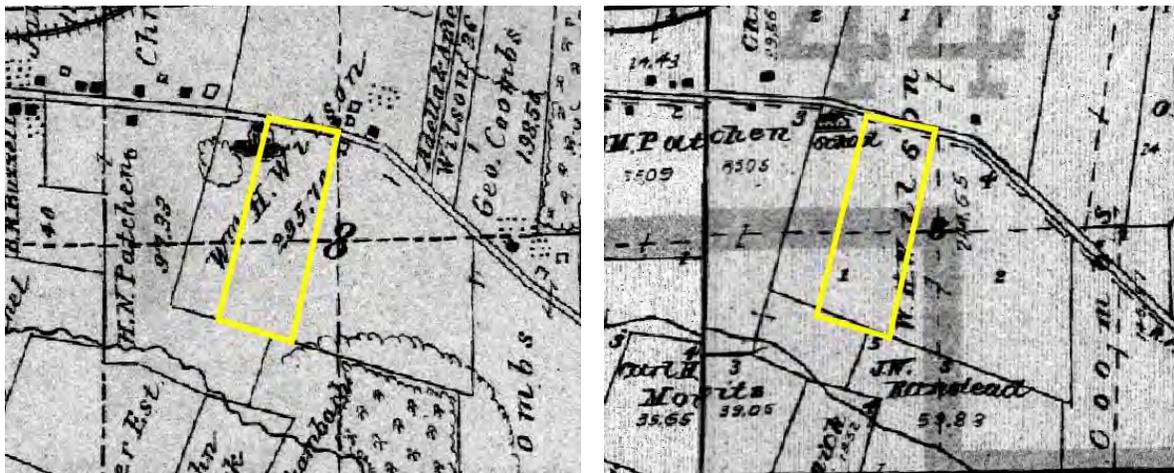


**Appendix B:**

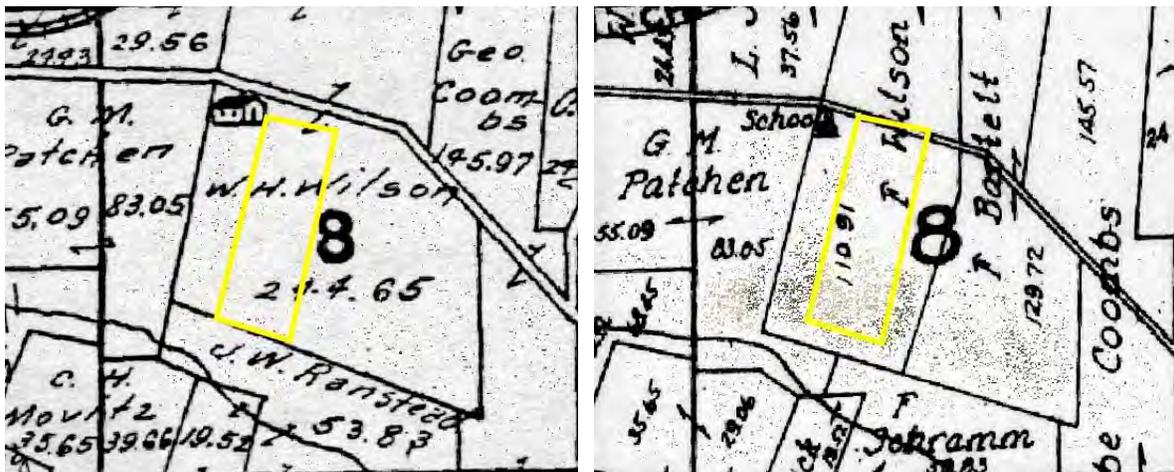
**Literature Search and Archaeological Assessment Figures**



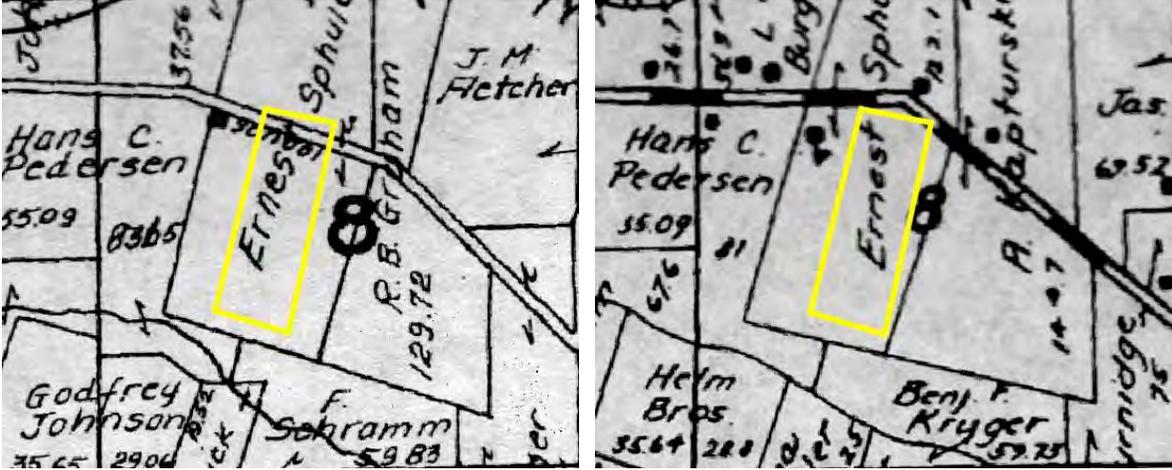
**Figure 1. Project Area – Historical Plats**  
 Mann 1860 (Left) / n.a. 1872 (Right)



**Figure 2. Project Area – Historical Plats**  
 D.W. Ensign & Co. 1892 (Left) / n.a. 1905 (Right)



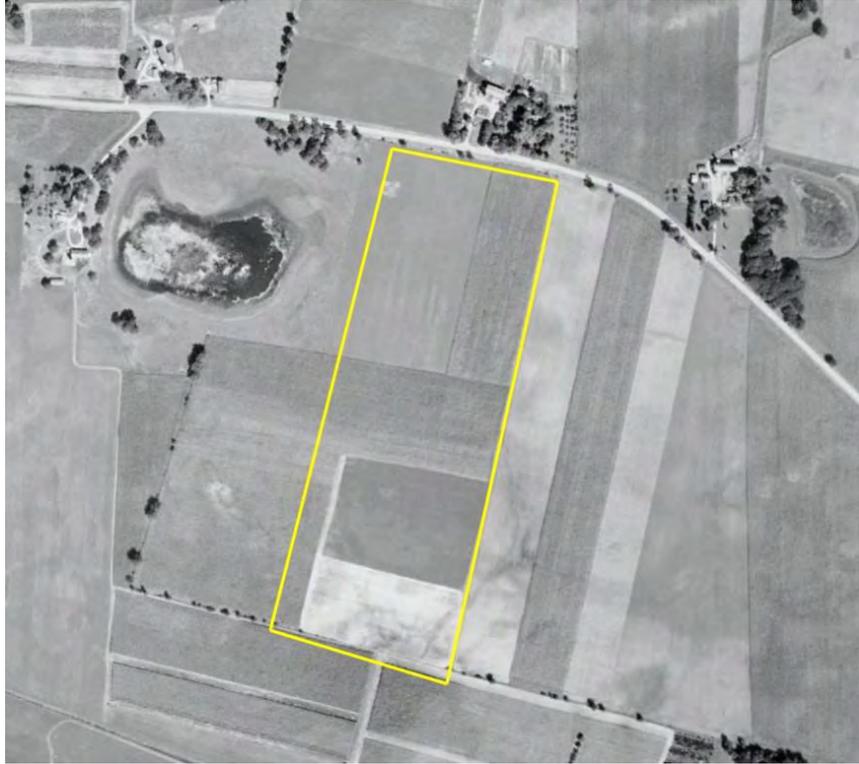
**Figure 3. Project Area – Historical Plats**  
 n.a. 1921 (Left) / n.a. 1935 (Right)



**Figure 4. Project Area – Historical Plats**  
Kane County Farm Bureau 1942 (Left) / n.a. 1950 (Right)



**Figure 5. Project Area – Historical Aerial, 1939**



**Figure 6. Project Area – Historical Aerial, 1961**



**Figure 7. Project Area – Historical Aerial, 1994**



**Figure 8. Project Area – Historical Aerial, 2005**

**Appendix C:**

**Phase I Archaeological Survey Maps and Figures**



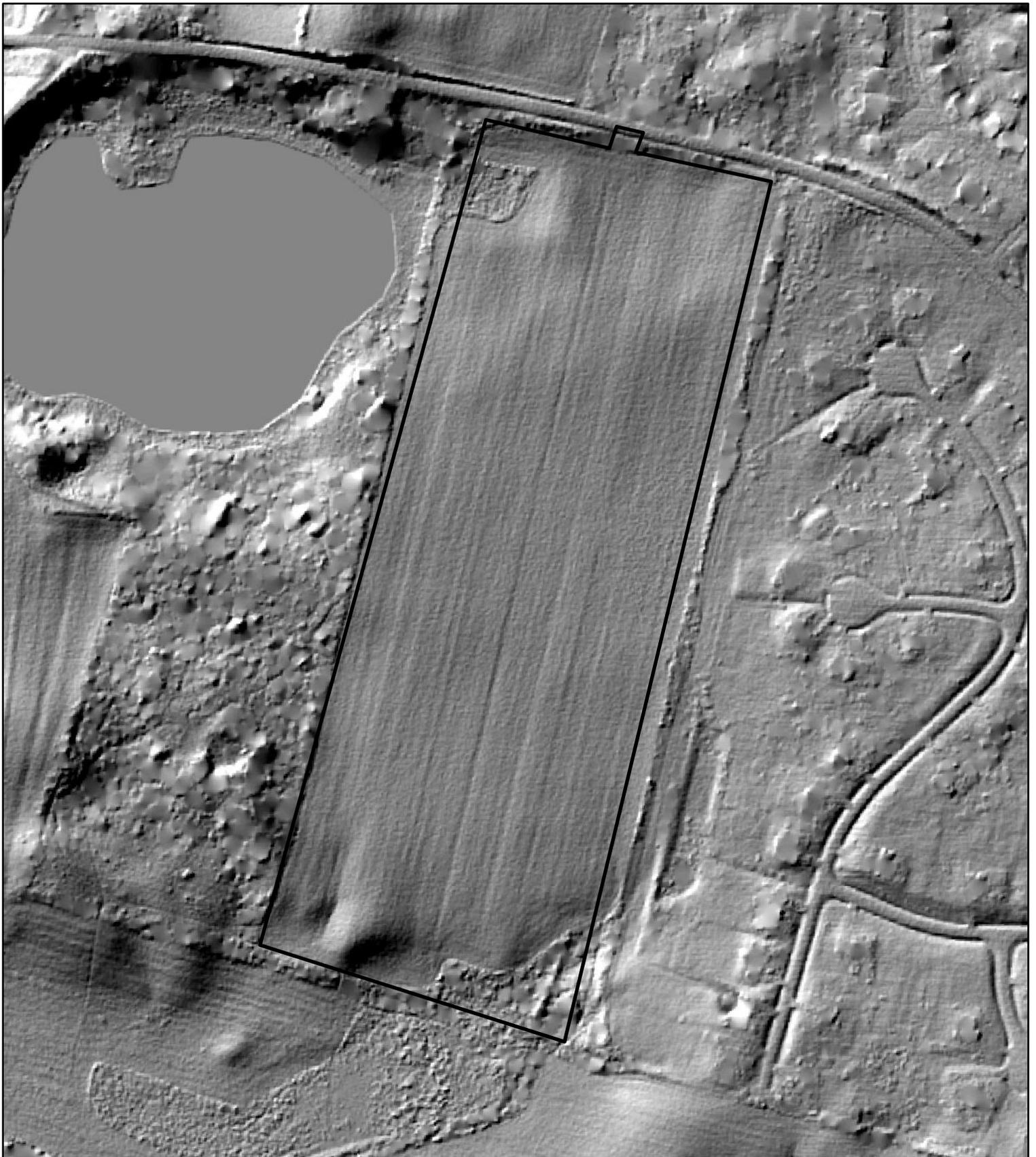
**SV CSG Wilson School Solar, LLC**

**Map 3. Aerial Sketch Map**

Kane County, IL  
  
Imagery Source:  
Esri, Maxar, Earthstar  
Geographics, and GIS  
User Community  
8/31/2023

 Project Area

  
**AREAM**  
Feet  
0 105 210 420  
1:4,020



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Map 4. Lidar Sketch Map

Kane County, IL

 Project Area



**AREAM**

0 112.5 Feet 225 450  
1:4,190



**Figure 1. Survey Area Overview, View to the West**



**Figure 2. Survey Area Overview, View to the West**



**Figure 3. Survey Area Overview, View to the South**



**Figure 4. Survey Area Overview, View to the North**

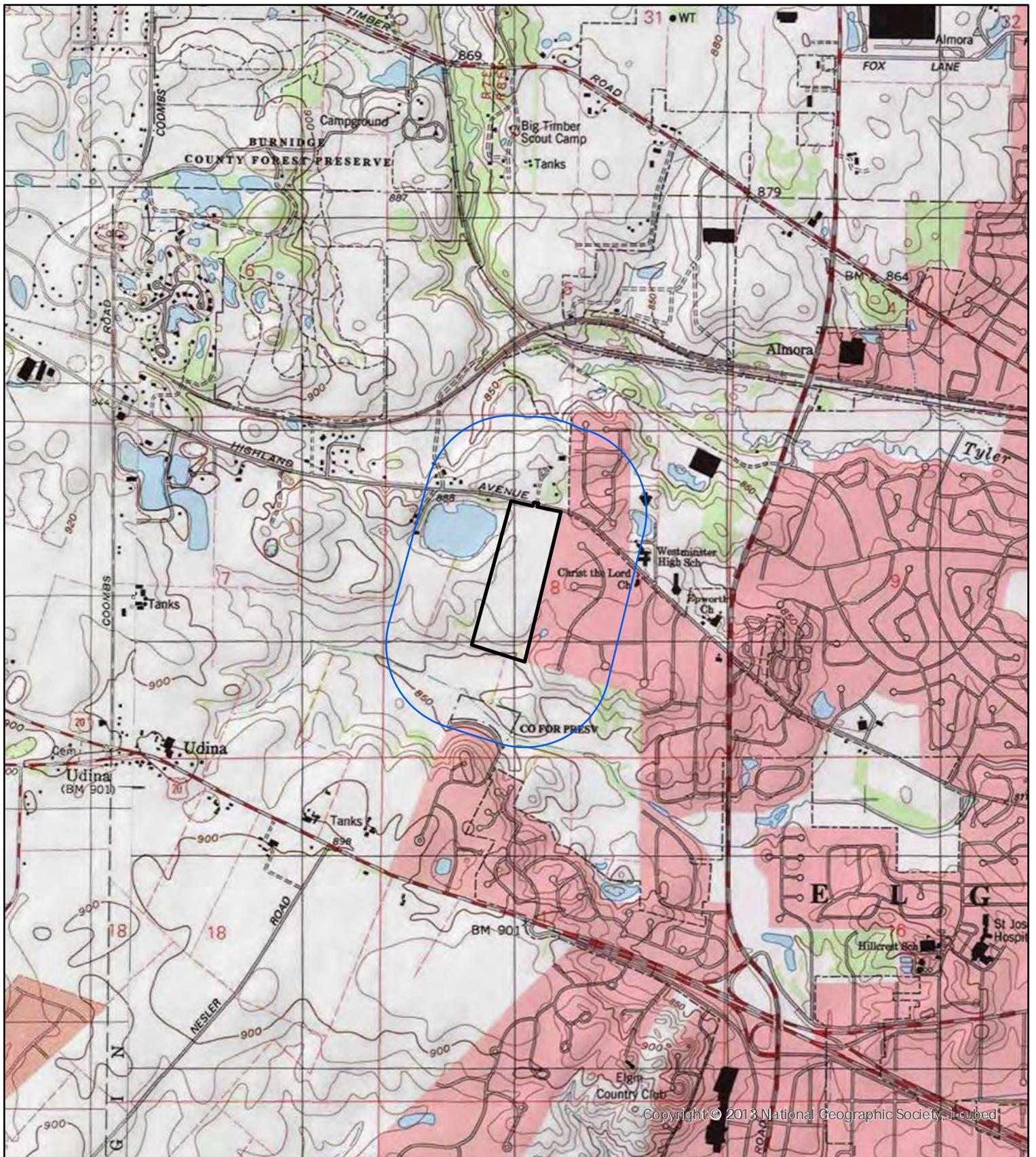


**Figure 5. Survey Area Overview, View to the East**



**Figure 6. Survey Area Overview, View to the Northwest**

**Appendix D:**  
**Standing Structure Inventory Maps and Figures**



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Map 5. Standing Structure Inventory: 1:24,000 Topographic

Kane County, IL

-  Project Area
-  0.25-Mile Buffer

QUAD: Elign, IL  
YEAR: 1998



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**SV CSG Wilson School Solar, LLC**

**Map 6. Standing Structure Inventory: Aerial Map**

Kane County, IL

-  Project Area
-  0.25-Mile Buffer

Imagery Source:  
Esri, Maxar, Earthstar  
Geographics, and GIS  
User Community  
8/31/2023

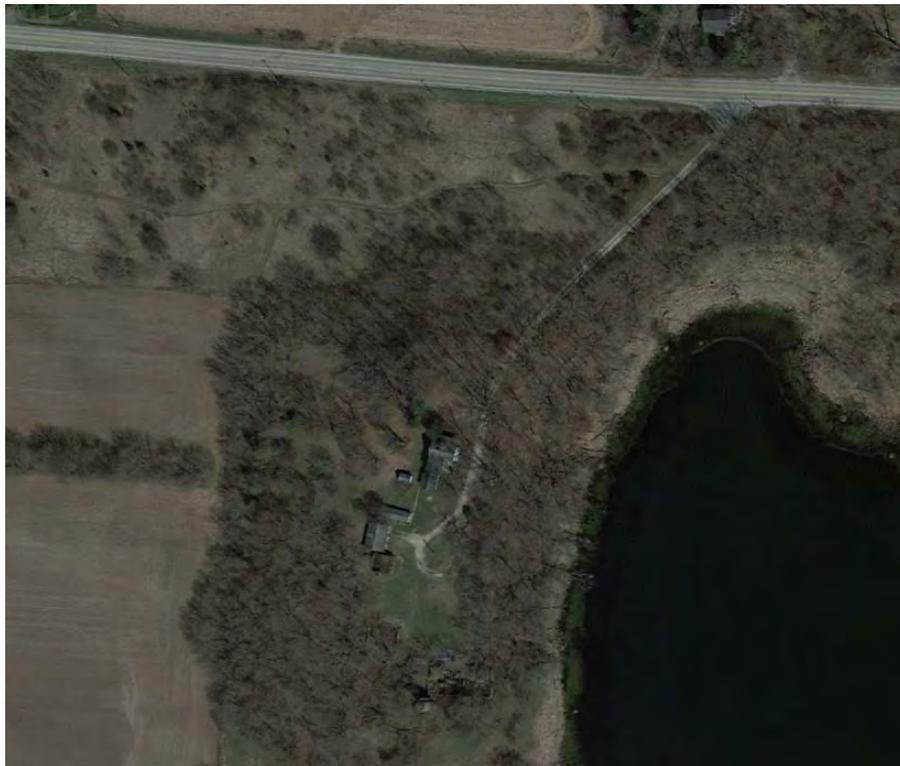


**AREAM**





**Figure 1. 37W913 Highland Ave, Public ROW – View to the Southwest**



**Figure 2. 37W913 Highland Ave - 2017 Aerial Imagery**



**Figure 3. 37W812 Highland Ave - 2025 Aerial Imagery**



**Figure 4. 37W705 Highland Ave, Residence – View to the South**



**Figure 5. 37W705 Highland Ave, Attached Structure – View to the Southeast**



**Figure 6. 37W550 Highland Ave, Public ROW – View to the North**



**Figure 7. 37W522 Highland Ave – View to the North**