



Illinois
Department of
**Natural
Resources**

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

www.dnr.illinois.gov

Kane County
Gilberts
IL-72, W of McCornack Rd
Section:23-Township:42N-Range:7E
Section:26-Township:42N-Range:7E
IEPA
New Construction of a Community Solar Garden, SV CSG Sun Trust Solar, LLC

PLEASE REFER TO: SHPO LOG #026070225

July 22, 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.

Sincerely,

Carey L. Mayer, AIA
Deputy State Historic Preservation Officer



July 2, 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 Sun Trust 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 Sun Trust Solar, LLC Project, located to the southwest of the village of Gilberts, 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 43.5 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 May 2025, 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 (43.5 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 Sun Trust Solar, LLC	Kane	T42N R7E S23, 26	43.5 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 "JP", followed by a long horizontal flourish.

Joseph K. Pnewski
Senior Archaeologist and Principal Investigator



612.308.9888

jpnnewski@areamconsulting.com

PHASE I CULTURAL RESOURCES SURVEY
SV CSG Sun Trust Solar, LLC
Kane County, Illinois

Prepared for:

SV CSG Sun Trust 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.areasmconsulting.com

AREAM

July 2025

[Page Intentionally Left Blank]

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 southwest of the village of Gilberts, Kane County, IL: SV CSG Sun Trust 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, because portions of the Project are located within a Illinois State Historic Preservation (SHPO) designated “high probability area” 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 be subject to Section 6 of the Illinois State Agency Historic Resources Preservation Act (20 ILCS 3420, as amended, 17IAC 4180).

The project archaeological Survey Area (Survey Area) includes the property boundary of the 43.5 acre parcel. The Project area is located within Sections 23 and 26 of Township (T) 42N, Range (R) 7E. 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.

TABLE OF CONTENTS

MANAGEMENT SUMMARY	1
INTRODUCTION	4
PROJECT DESCRIPTION	4
ARCHAEOLOGICAL SURVEY AREA (SURVEY AREA).....	4
METHODS.....	5
OBJECTIVES	5
LITERATURE SEARCH	5
PROBABILITY MAPPING METHODS	5
PHASE I ARCHAEOLOGICAL SURVEY	6
STANDING STRUCTURES INVENTORY	6
GEOGRAPHIC INFORMATION SYSTEM DATA	6
LABORATORY ANALYSIS AND CURATION.....	6
LITERATURE SEARCH	7
PREVIOUS ARCHAEOLOGICAL INVESTIGATIONS	7
ARCHAEOLOGICAL SITES.....	7
ASSESSMENT OF ARCHAEOLOGICAL POTENTIAL	8
HISTORIC AND ARCHITECTURAL RESOURCES.....	9
PHASE I ARCHAEOLOGICAL SURVEY	10
SURVEY RESULTS	10
STANDING STRUCTURE INVENTORY	11
INVENTORY RESULTS	11
37W537 Higgins Rd	11
39W490 Illinois Route 72	12
SUMMARY AND RECOMMENDATIONS.....	13
REFERENCES	14

APPENDIX A – OVERVIEW MAPS

MAP 1. LOCATION MAP

MAP 2. 1:24,000 TOPOGRAPHIC MAP

APPENDIX B – LITERATURE SEARCH AND ARCHAEOLOGICAL ASSESSMENT FIGURES

FIGURES 1-8. PROJECT AREA - HISTORICAL PLAT MAPS AND AERIAL PHOTOGRAPHS

APPENDIX C – PHASE I ARCHAEOLOGICAL SURVEY MAPS AND FIGURES

MAP 3. PHASE I ARCHAEOLOGICAL SURVEY – AERIAL SKETCH MAP (2023)

MAP 4. PHASE I ARCHAEOLOGICAL SURVEY – LIDAR MAP

FIGURES 1-7. ARCHAEOLOGICAL SURVEY AREA– FIELD PHOTOS

APPENDIX D – STANDING STRUCTURE INVENTORY MAPS AND FIGURES

MAP 5. STANDING STRUCTURE INVENTORY – 1:24,000 TOPOGRAPHIC MAP

MAP 6. STANDING STRUCTURE INVENTORY – AERIAL (2023) MAP

FIGURES 1-10. STANDING STRUCTURE INVENTORY – STRUCTURE PHOTOS

INTRODUCTION

In May 2025, Area M completed a comprehensive Cultural Resources study for the following Community Solar project to the southwest of Gilberts, IL municipal limits: SV CSG Sun Trust 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, because portions of the Project are located within the SHPO designated “high probability area” 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 be subject to Section 6 of the Illinois State Agency Historic Resources Preservation Act (20 ILCS 3420, as amended, 17IAC 4180).

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 43.5 acres, is located in an agricultural field directly to the southwest of the village of Gilberts, 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 4661569 E, 385327 N. The Project Area is located within Sections 23 and 26 of T42N:R7E.

TABLE 1. PROJECT LEGAL LOCATION AND PROPOSED ACREAGE.

Project	County	TRS	Estimated Area
SV CSG Sun Trust Solar, LLC	Kane	T42N R7E S23, 26	43.5 ac

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.

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 no previous archaeological investigations have been documented within the Survey Area. A total of 15 archaeological surveys are documented within a one-mile (1.6-km) radius of the Survey Area, related to road corridors, sewer construction, and residential development associated with the village of Gilbert, IL.

ARCHAEOLOGICAL SITES

Background research within the IIAS Portal revealed 19 previously-recorded archaeological resources have been recorded within a one-mile (1.6 km) radius of the Project Area (Table 2). Of the previously identified resources, 17 are documented as prehistoric archaeological sites, one is recorded as a historical archaeological site, while one is recorded as multi-component (having both prehistoric and historical artifacts) (Table 2). No previously identified archaeological sites are located within the Survey Area.

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

Site Num	Name	TRS	Description
11K59		T42N R7E S13, 24	Artifact Scatter
11K60		T42N R7E S13, 24	Lithic Scatter
11K61		T42N R7E S13, 24	Lithic Scatter
11K196		T42N R7E S14	Artifact Scatter
11K197		T42N R7E S14	Artifact Scatter
11K198		T42N R7E S14	Lithic Scatter
11K199		T42N R7E S14	Lithic Scatter
11K328		T42N R7E S13	Lithic Scatter
11K591		T42N R7E S25	Lithic Scatter
11K642	Meyers East 1	T42N R7E S25, 26	Lithic Scatter
11K643	Meyers East 2	T42N R7E S25	Lithic Scatter
11K644	Meyers East 3	T42N R7E S25	Artifact Scatter
11K645	Meyers East 4	T42N R7E S25	Lithic Scatter
11K646	Meyers East 5	T42N R7E S25	Lithic Scatter
11K647	Meyers East 6	T42N R7E S26	Lithic Scatter
11K841		T42N R7E S23	Lithic Scatter and Historic Artifact Scatter
11K945		T42N R7E S26	Historical Farmstead Location
11K946		T42N R7E S26	Lithic Scatter
11K947		T42N R7E S26	Lithic Findspot

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.

A review of the landscape, environment, and topographic features, as well as the IAPM probability layer, indicates that a majority of the Survey 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 general proximity to the Tyler Creek to the south, the southern third of the Survey Area may contain moderate potential for prehistoric archaeological resources.

A review of 19th and 20th century Public Land Survey (PLS) resources and historical aerial photographs indicates the presence of c. 1872 farmstead proximate the Project Area to the northwest (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 farmstead is present as early as 1872 and is still present through current day (Appendix B: Figures 1-8). Although the core of the farmstead is located outside the Survey Area, areas directly proximate to the farmstead have a moderate potential to contain historical-period 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.

PHASE I ARCHAEOLOGICAL SURVEY

Area M completed a Phase I archaeological survey on May 28, 2025. The archaeological Survey Area is located within a relatively flat agricultural field bound by Higgins Rd to the north, a residential farmstead and open farmland to the east, Tyler Creek to the south, and open farmland to the west (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 cropland and residential development associated with the village of Gilberts.

SURVEY RESULTS

A Phase I archaeological survey was conducted due to the presence of Tyler Creek 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 70-90% surface visibility throughout (Appendix C: Map 3, Figures 1-7). 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.

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 28, 2025. The 0.25 mile buffer of the Survey Area is located entirely within a rural residential landscape including cropland as well as residential and commercial development associated with the village of Gilberts, IL.

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, two 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.

37W537 Higgins Rd

Property was set back approximately 181 feet back from the road and was entirely obscured by overgrowth from the public ROW. A photograph of the current conditions (2025) was taken from the Project Area (Appendix D: Figures 2-3). In addition, a clearer publicly available photograph from 2022 was included in order to show a clearer view of the residential structure (Appendix D: Figure 4).

39W490 Illinois Route 72

Property was set back approximately 130 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 5).

Further, it should be noted that additional late 20th Century development (post. 1970) was identified within the 0.25 mile buffer to the northeast. However, based on its recent construction, and its location on the northeast of I-90, 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 1-10).

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

Map Num	Figure Num	Address Gilberts, IL 60136	Description	Cons. Date	Viewshed	National Register Status	Photo Date
0.25 mile buffer of the Survey Area (Potential Visual Impact)							
1	1	PID 02-23-300-004	Abandoned	Pre-1939	Part Obscured	Uneval.	5/28/25
2	2-4	37W537 Higgins Rd	Residential	Pre-1939	Part Obscured	Uneval	5/28/25
3	5	39W490 Illinois Route 72	Residential	1971	Part Obscured	Uneval	5/28/25
4	6-8	16N140 McCornack Rd	Residential	Pre-1939	Part Obscured	Uneval	5/28/25
5	9-10	16N190 McCornack Rd	Residential	1969	Part Obscured	Uneval.	5/28/25

SUMMARY AND RECOMMENDATIONS

In May 2025, Area M completed a comprehensive Cultural Resources study for the proposed SV CSG Sun Trust 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, because portions of the Project are located within the SHPO designated “high probability area” 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 be subject to Section 6 of the Illinois State Agency Historic Resources Preservation Act (20 ILCS 3420, as amended, 17IAC 4180).

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.

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.

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 20th 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.

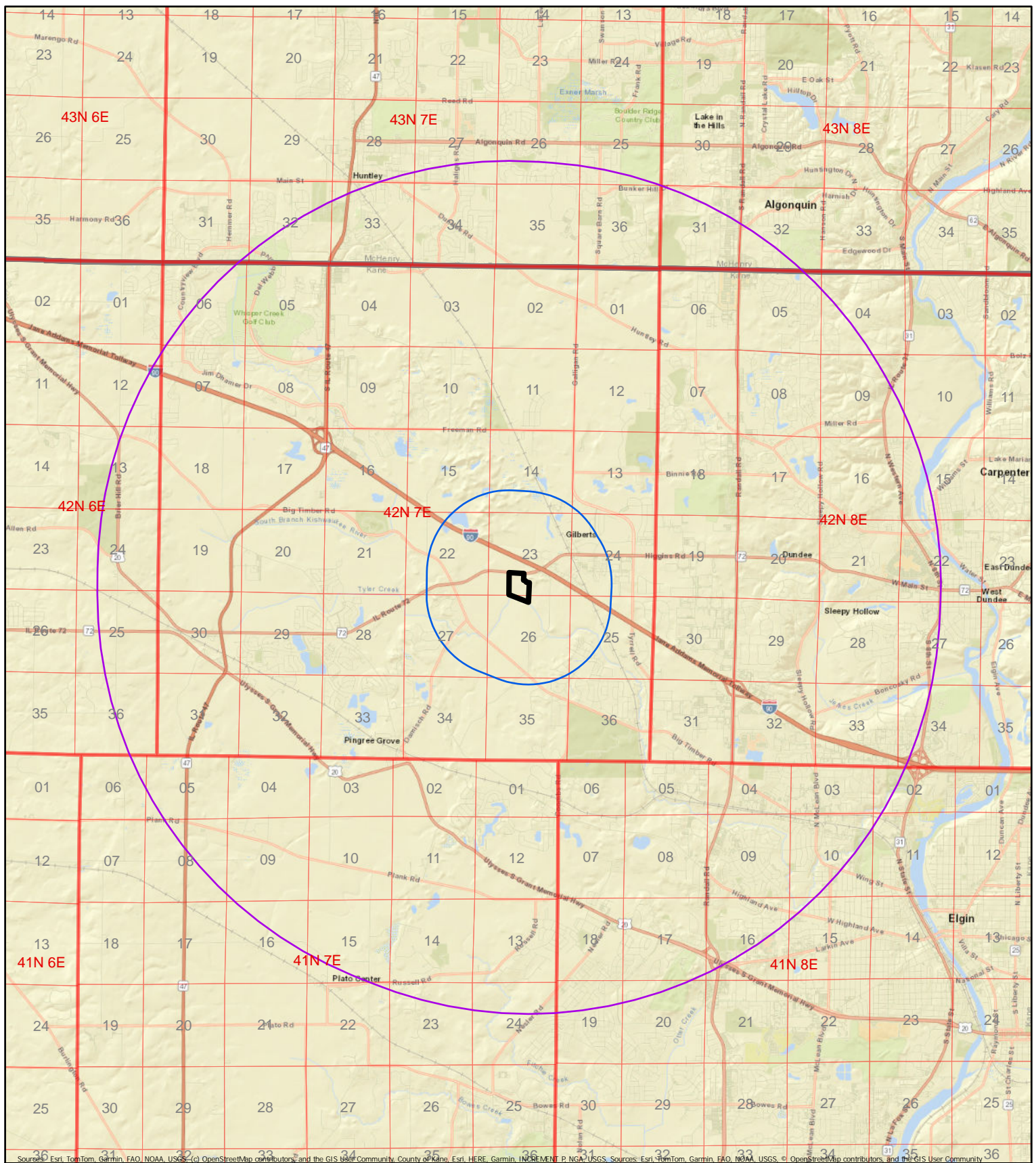
1957 Farm Plat Book and Business Guide, Kane County, Illinois. Accessed on the Illinois Inventory of Archaeological Sites Online Portal.

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.

Appendix A:
Overview Maps



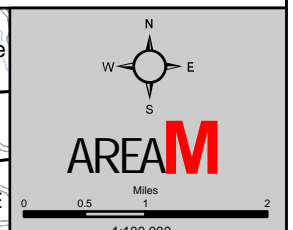
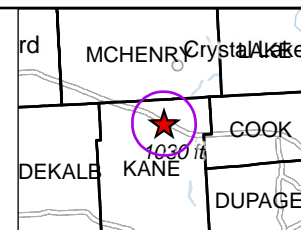
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS user Community, County of Kane, Esri, HERE, Garmin, INCREMENT P, NOAA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS user Community

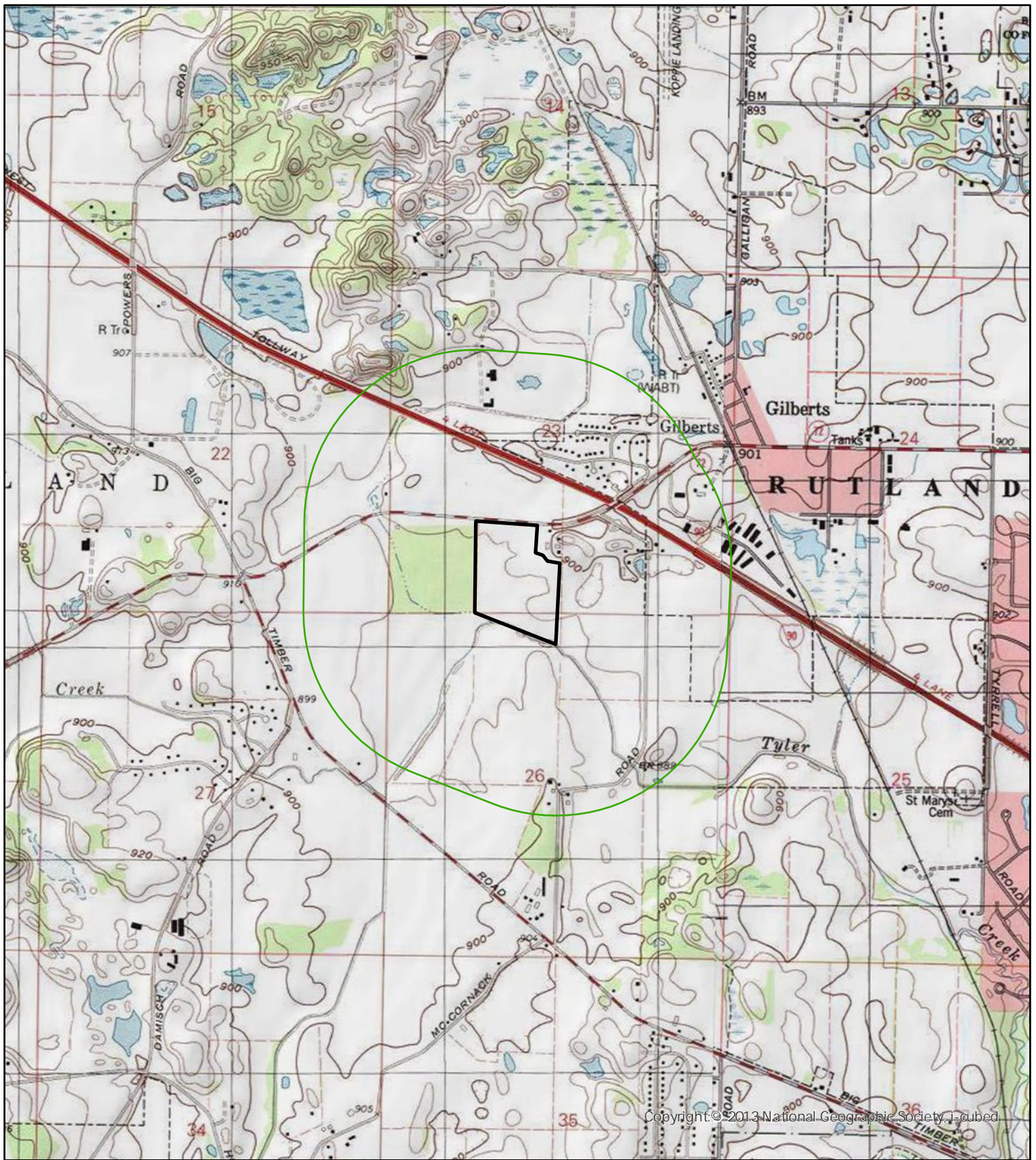
SV CSG Sun Trust Solar, LLC

Map 1. Location Map

Kane County, IL
S23&26 T42N:R&E
43.5 Acres
NAD 83 Zone 16
385327 N
4661569 E

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





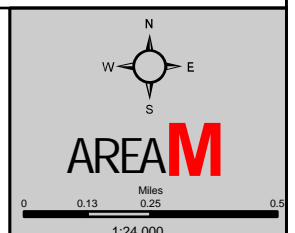


SV CSG Sun Trust Solar, LLC

Map 2. 1:24,000 Topographic

Kane County, IL

-  Project Area
-  0.5-mile Buffer



AREAM

Appendix B:

Literature Search and Archaeological Assessment Figures

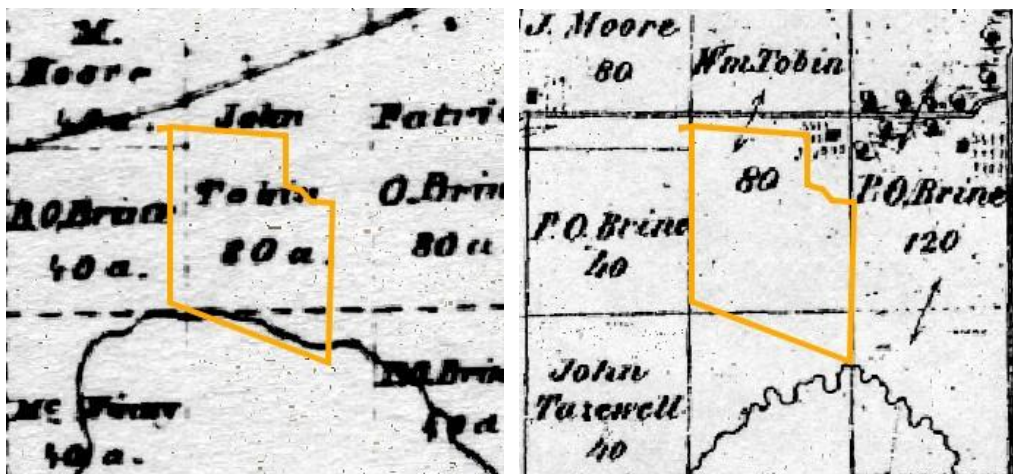


Figure 1. Project Area – Historical Plats
Mann 1860 (Left) / n.a. 1872 (Right)

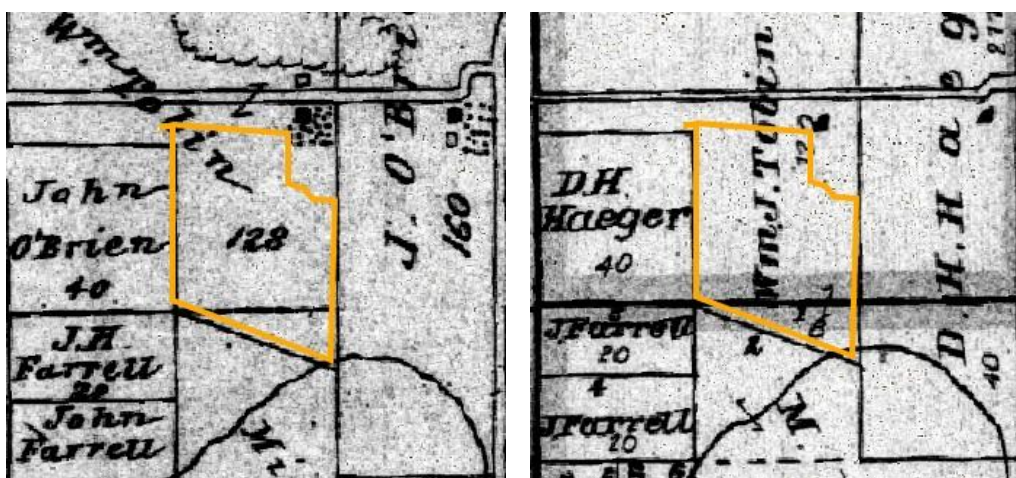


Figure 2. Project Area – Historical Plats
D.W. Ensign & Co. 1892 (Left) / n.a. 1905 (Right)

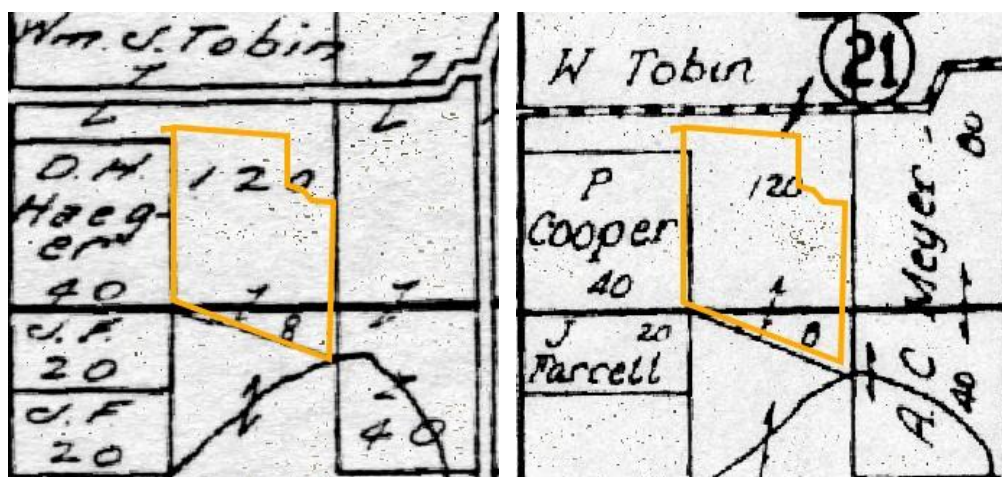


Figure 3. Project Area – Historical Plats
n.a. 1921 (Left) / n.a. 1935 (Right)

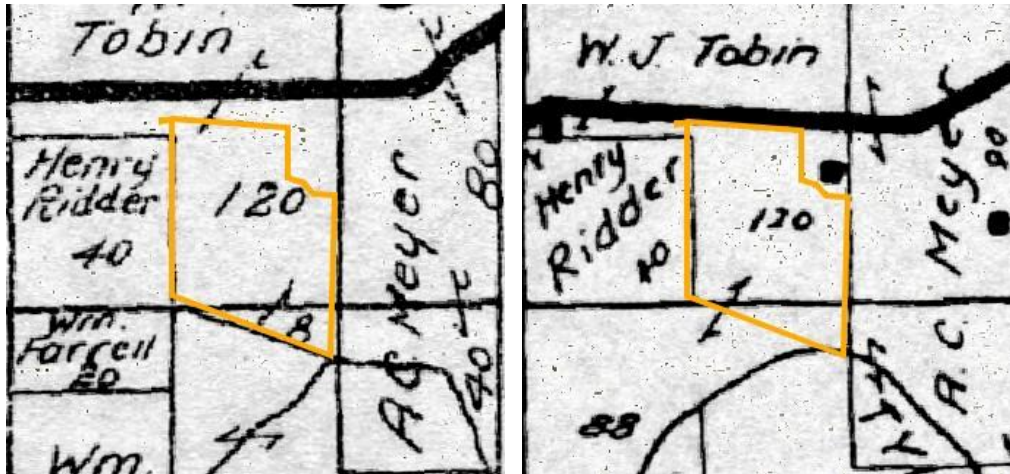


Figure 4. Project Area – Historical Plats
Kane County Farm Bureau 1942 (Left) / n.a. 1950 (Right)



Figure 5. Project Area – Historical Aerial, 1939



Figure 6. Project Area – Historical Aerial, 1961

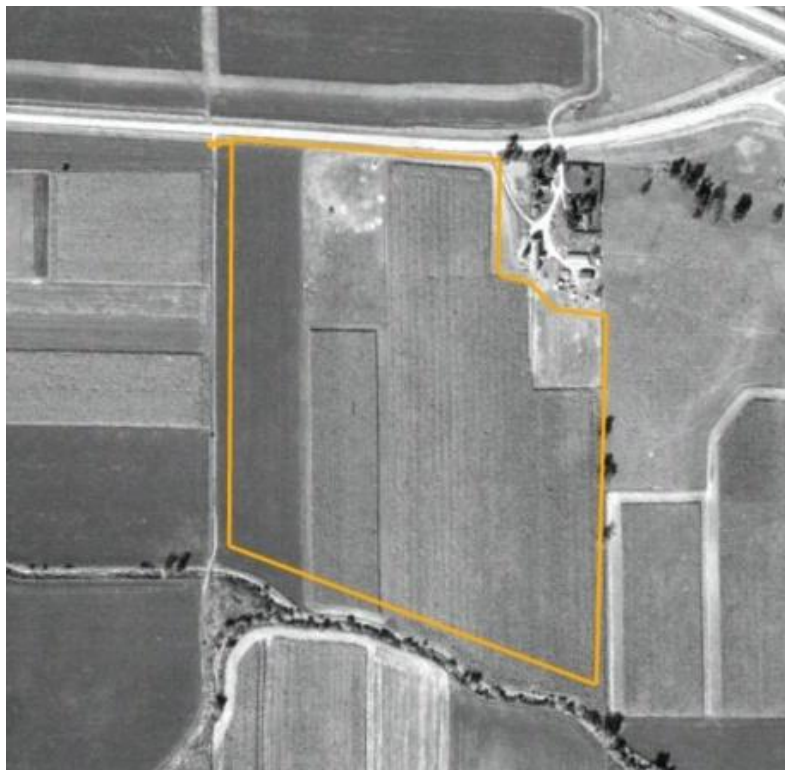


Figure 7. Project Area – Historical Aerial, 1967



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 Sun Trust 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

0 80 160 320
Feet
1:3,080



SV CSG Sun Trust Solar, LLC

Map 4. Lidar Sketch Map

Kane County, IL

 Project Area

N

W

E

S

AREAM

0 85 170 340

Feet

1:3,210



Figure 1. Survey Area Overview, View to the East



Figure 2. Survey Area Overview, View to the North



Figure 3. Survey Area Overview, View to the North



Figure 4. Survey Area Overview, View to the West



Figure 5. Survey Area Overview, View to the Southwest

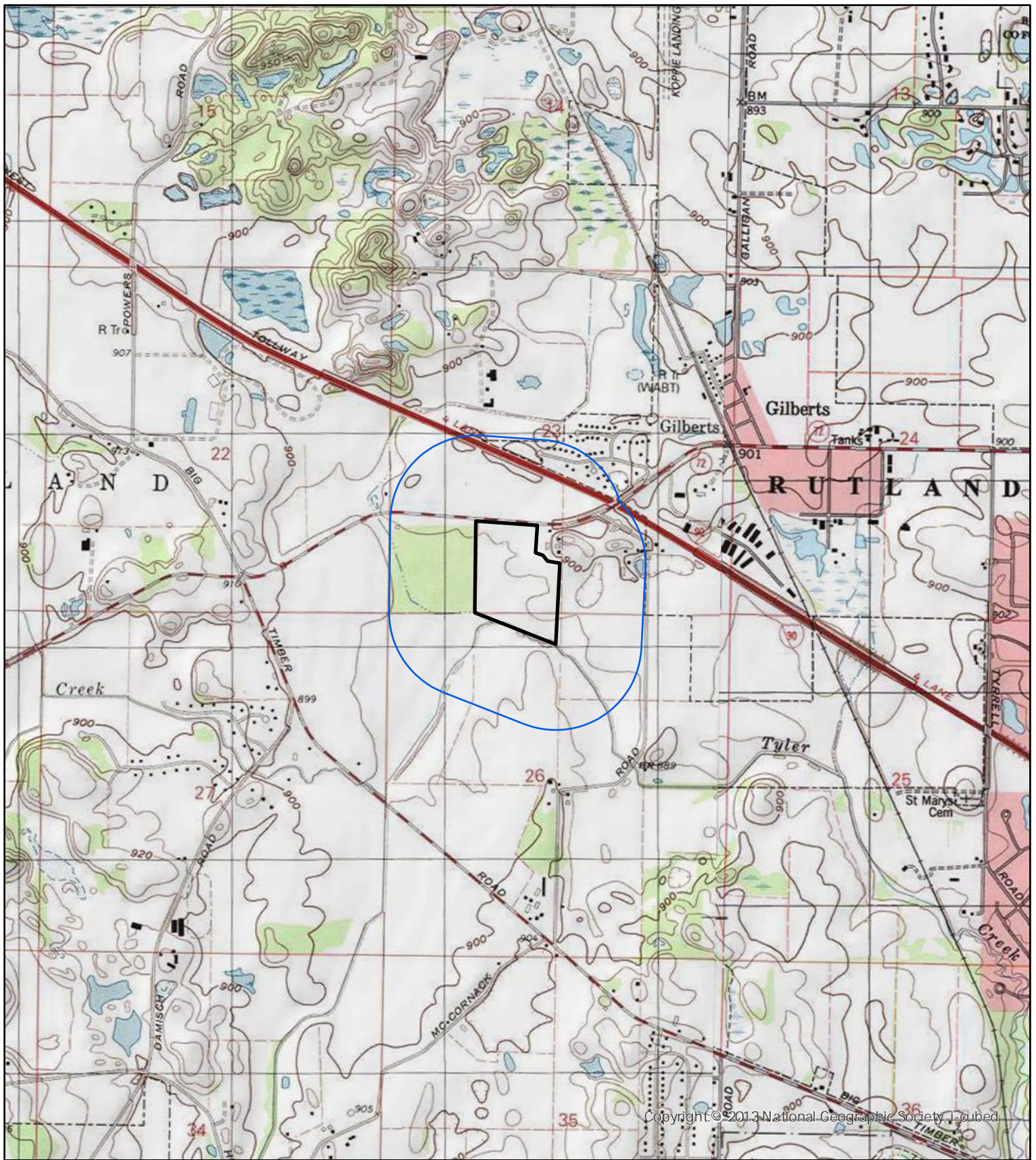


Figure 6. Survey Area Overview, View to the North



Figure 7. Survey Area Overview, View to the South

Appendix D:
Standing Structure Inventory Maps and Figures





SV CSG Sun Trust Solar, LLC

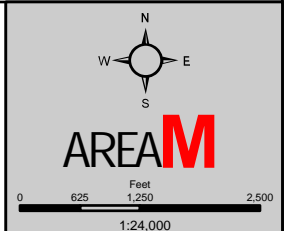
Map 5. Standing Structure Inventory: 1:24,000 Topographic

Kane County, IL

QUAD: Pinegree Grove, IL

YEAR: 1992

-  Project Area
-  0.25-Mile Buffer





SV CSG Sun Trust Solar, LLC

Map 6. Standing Structure Inventory: Aerial Map

Kane County, IL

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

- Project Area
- 0.25-Mile Buffer

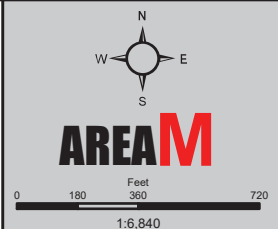




Figure 1. Parcel ID 02-23-300-004 – View to the Southwest

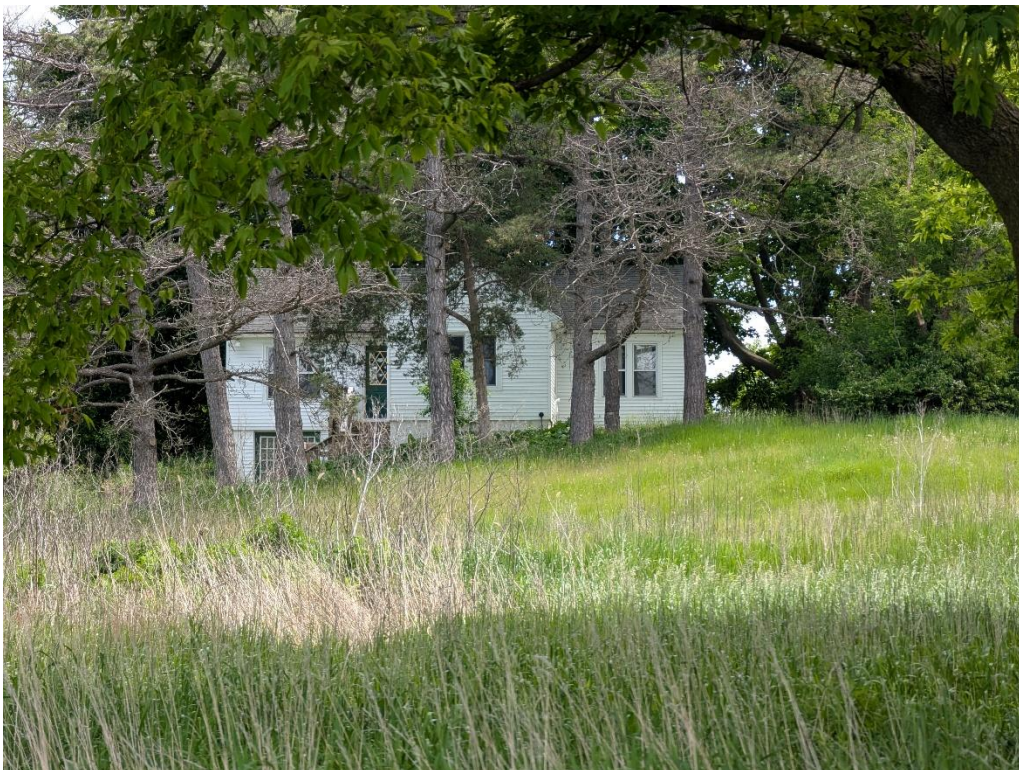


Figure 2. 37W537 Higgins Rd, Residence –View to East



Figure 3. 37W537 Higgins Rd, Residence –View to Southeast



Figure 4. 37W537 Higgins Rd, Residence – Publicly Available Photo, View to Southeast (2022)



Figure 5. 39W490 Illinois Route 72 – View to Northeast



Figure 6. 16N140 McCornack Rd, Residence – View to the South



Figure 7. 16N140 McCornack Rd, Outbuilding – View to the West



Figure 8. 16N140 McCornack Rd, Outbuilding – View to the West



Figure 9. 16N190 McCornack Rd, Overview – View to the North



Figure 10. 16N190 McCornack Rd, Overview – Publicly Available Photo, View to Southwest (2022)