

Phase I Archaeological Survey for the Ottawa Industrial Park Readiness Project, City of Ottawa, LaSalle County, Illinois

for submission to:

Mr. David A. Noble
Economic and Community Development Director
City of Ottawa
301 West Madison Street
Ottawa, Illinois 61350

Prepared by:

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ARCHAEOLOGICAL SURVEY SHORT REPORT
Volume 2025-05

ARCHAEOLOGICAL SURVEY SHORT REPORT
State Historic Preservation Office
1 Old State Capitol Plaza, Springfield IL 62702
(217) 785-4997

Reviewer:

Date:

____ Accepted ____ Rejected
SHPO use only (FORM ASSR0886)
SHPO LOG # **040041725**

LOCATION INFORMATION AND SURVEY CONDITIONS

County: LaSalle

Quadrangle: Ottawa 1993

Project type/title: City of Ottawa Industrial Park Site Readiness Units 3-5

Responsible federal/state agencies: IEPA, DCEO 25-916009 City of Ottawa

Legal location: Align NE $\frac{1}{2}$ SENE; SENENE $\frac{1}{4}$ $\frac{1}{4}$ **Sec. 8 T 33 N R 4 E**

Align NW S $\frac{1}{2}$ NW; NWSE; N $\frac{1}{2}$ NWSW **Sec. 9 T 33 N R 4 E**

U.T.M.: Zone 16 350923 N 4578915 E (approximate center)

Street Address: unknown

Natural Division: 4

Project Description: Extension of the City of Ottawa Industrial Park Site Readiness project east of the city and south of Route 6. This project continues the work already completed to the west where infrastructure has already been prepared. Located between the Route 6 and the CSX Transportation Railroad, it is approximately 1 mile east of Route 71/6 intersection, and covers 187 acres contained in three defined units (3, 4, 5) (Figure 1). All three units were used for agricultural fields in 2025. Channelized Milliken Creek forms the eastern boundary of the survey area. The western boundary is a railroad spur from CSX railroad constructed for Industrial Park use.



Figure 1. Aerial photograph of the Ottawa Industrial Park with Unit designations provided by the City of Ottawa Economic Development Office. This survey involves Unit 3, 4, and 5 between Route 6 and the CSX Railroad near the center of the illustration.

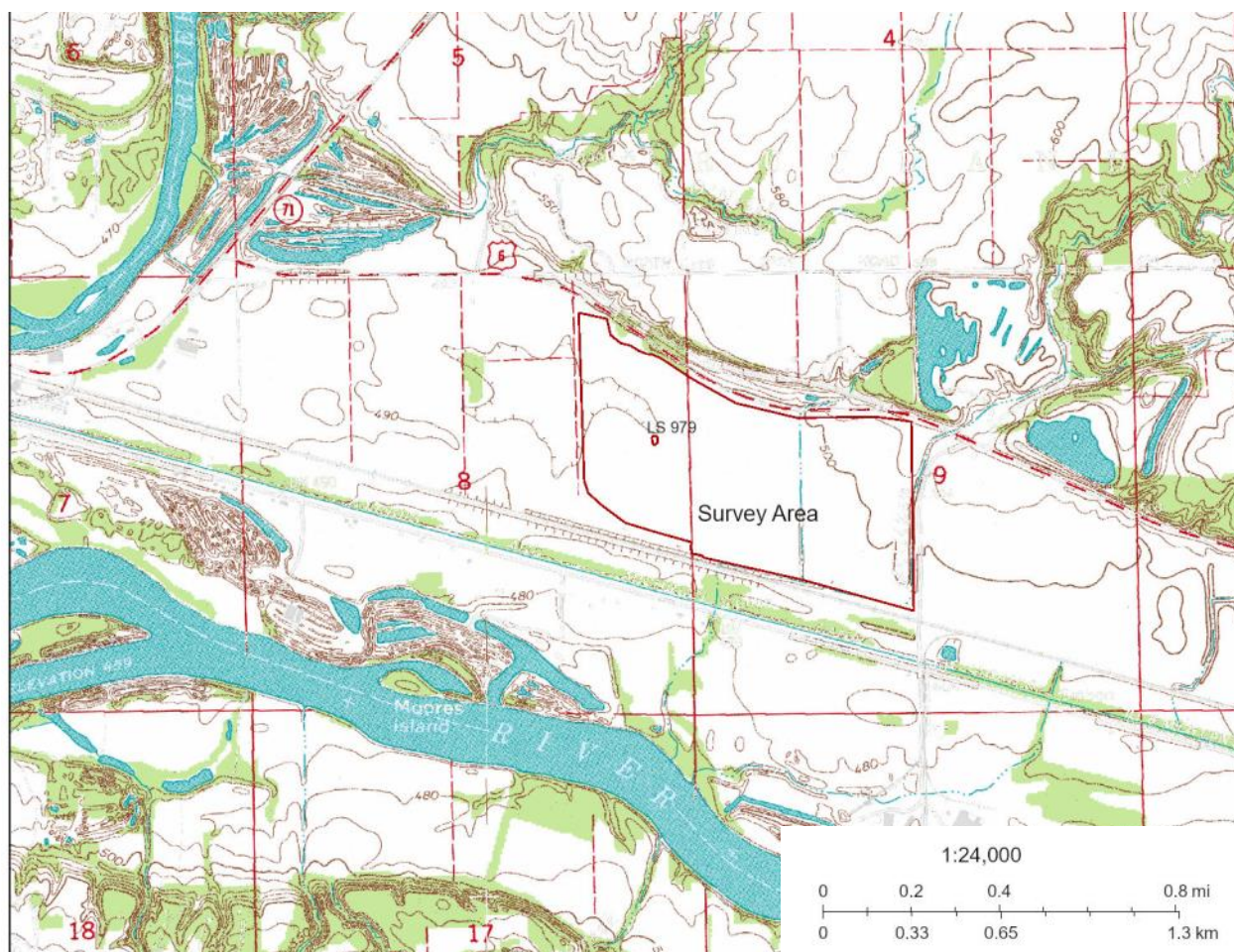


Figure 2. USGS Ottawa, IL 1993 topographic 7.5 minute quadrangle map illustrating the position of the project area in the floodplain east of the Fox River and north of the Illinois river. Survey area is outlined in red. (Source: Map generated by Illinois Site GIS, maintained by Illinois State Museum and Department of Natural Resources, accessed August 20, 2025.)

Topography: Located in the floodplain east of the confluence of the Fox River with the Illinois River containing low terraces (Figure 2). Milliken Creek has been channelized along the eastern edge of the project area.

Elevation: 149-153 MASL; highest point is in northeast

Soils: Shadeland-Marseilles-High Gap-Hesch-Boone (S2293) (Appendix D)

Drainage: Lower Fox River/Illinois River (Northeast of confluence)

Land use/ground cover (include % visibility): There are three separate agricultural fields/units. Unit 3 and 4 was standing mature corn with soil visibility over 70% between the rows at the time of the survey. Unit 5 was harvested soybeans that was disced and rain washed at the time of the survey. Visibility was over 75%. Figure 3 has three photographs showing the visibility in each area. More photographs can be found in Appendix B. Figure 4 is a Google Earth aerial of the project area and the fields associated with each Unit.

Survey limitations: Unit 3 and 4 were surveyed in October. Unit 5 was surveyed in November after the field was cultivated.

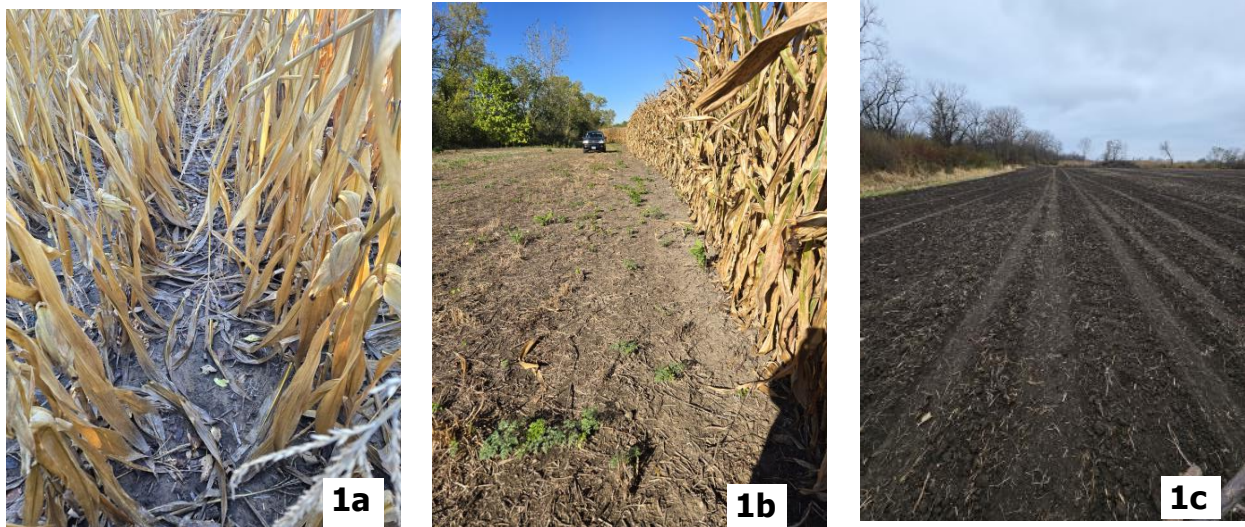


Figure 1a, 1b, 1c. Examples of surface conditions and visibility within the project area at the time of the survey. Photograph 1a is ground visibility between rows standing, mature corn in Units 3 and 4 prior to harvest. Photograph 1b is an example of the unplanted portions of the field at the southern end of Units 3 and 4, and 1c is the surface visibility in Unit 5 after disking of harvested soybeans.

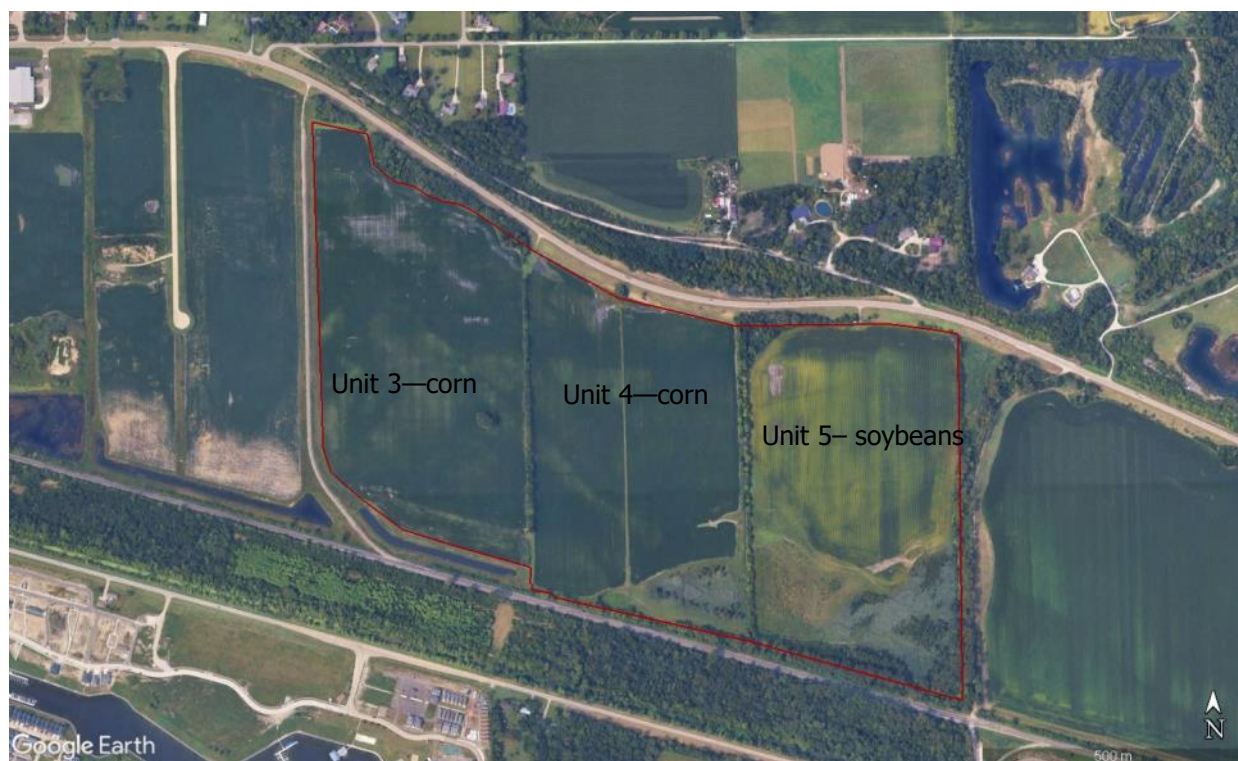


Figure 4. Google Earth aerial with the three fields comprising the project area outlined in red.

ARCHAEOLOGICAL AND HISTORICAL INFORMATION

Historic plats/atlasses/sources: United States Government Land Office 1821/1834, Plat maps: 1870 (Everts and Friend), 1876 (Warner and Beers) 1892 (Anundsen Publishing Co.), 1895 (Dunaway), 1903 (Crowden, G.A.), 1906 (Geo. A. Ogle & Co.), 1929 (Brock and Co.), 1931? (W.W. Hixon & Co), 1950 (Rockford Map Publishers), 1952 (General Map co.); 1939 ILHAP Historical Aerial Photograph; 1958 and 1970 USDA Historic Aerial Photograph; 1892, 1915, 1946, 1970 historical USGS topographic quadrangle maps. (See Appendix A for associated plat maps and historical review)

Historical Review Summary: From the plat maps farmsteads were located north of the road that became Route 6 by 1870 for Units 4 and 5. Starting on the 1892 plat map (Anundsen) a structure is marked at the northeast corner of Unit 5 by the road. By 1906 this structure is no longer present. No evidence of this structure was located during the archaeological pedestrian survey, which may be due to Route 6 road improvements remodeling the landscape. After 1906 no structures are marked on plat maps or visible on historical aerial photographs or topographic maps.

Illinois State Archaeological Site Inventory Review

An online review of the Illinois Department of Natural Resources archaeological site inventory GIS database was completed to determine if previously recorded surveys had been conducted and/or sites recorded within the project area. Surveys and sites recorded within 1 mile of the project area boundaries are listed in Table 1. The data included consists of the Survey #, author, year, title, contractor, survey size, and results. Available survey reports were accessed through the Illinois CRM Report Archive sponsored by the University of Illinois and Illinois Department of Transportation. The results of that review are discussed below.

Previous Surveys: There are twelve archaeological Phase I surveys that have been recorded within one mile of the project area. A survey in 2011 (#19202 McGowan and Adams) was done for a broadband study along the southern edge of Route 6 within the existing right-of-way, so does not overlap with the present survey. Two surveys (#11305 Rohrbaugh 2000, #7817 Kaufmann) are associated with Units 0 and 1 of the Ottawa Industrial Park development (See Figure 1). Neither of these surveys identified any archaeological sites. Survey #13304 (Rohrbaugh) completed in 2003 included Units 2 and 3 of the Industrial Park which overlaps the boundaries of the present project. Three sites were identified in 2003. LS 978 (prehistoric lithic scatter) and LS980 (historic homestead) were associated with Unit 2 and LS 979 (prehistoric lithic scatter) with Unit 3. Only two of the other nine surveys identified archaeological sites. These surveys and associated sites are south of the CSX railroad and Canal Road closer to the Illinois River.

Previously reported sites: A total of 15 sites have been identified within one mile of the project area. As already mentioned three sites (LS 978, LS 979, LS 980) were identified within the limits of the City of Ottawa Industrial Park. Nine other sites (LS994, LS995, LS996, LS997, LS1446, LS1447, LS1448, LS1449, LS1450) are associated with the surveys listed in Table 1 and five sites (LS 50, 51, 281, 282, 283) are not associated with state recorded surveys. These five sites are located on the bluffs or in the uplands north of Route 6.

Table 1. Surveys Previously Completed within 1 Mile

Number/ SHPO Log#	Author, Year, Title, Organization	Area Surveyed	Sites Identified/Cultural Resources
7817/96042 2005PLS	Kira Kaufmann, 1997, Phase 1/Canal Road, Northern Illinois University (NIU) Department of Anthropology	60	No sites identified
11305/0104 040004HLS	Charles L. Rohrbaugh, 2000, Phase I Archaeological Reconnaissance Survey of the Mary Lou Sineni Property, Ottawa, LaSalle County, Illinois, Archaeological Consultants Inc	76	No sites identified
11912/0109 170007HLS	Charles L. Rohrbaugh, 2001, Phase I Archaeological Reconnaissance Survey of a Proposed Area for Dispersal of a Large Aggregate Pile in Rutland Township, LaSalle County, Illinois, Archaeological Consultants Inc.	15	No sites identified
12295	Charles L. Rohrbaugh, 2001 Phase I Archaeological Reconnaissance Survey of a Property in Rutland Township, LaSalle County, Illinois, Archaeological Consultants Inc.	12	No sites identified
13304/0110 41703	Charles L. Rohrbaugh, 2003, Phase I Archaeological Reconnaissance Survey of a Proposed Industrial Park at Ottawa, LaSalle County, Illinois, Archaeological Consultants Inc	160	11LS978, 11LS979, 11LS 980
17763/0150 50406	Fred A. Finney, 2005, Phase I Archaeological Survey for Heritage Harbor, Rutland Township, LaSalle County, Illinois, Upper Midwest Archaeology	130	11LS994, 11LS995, 11LS996, 11LS997
17826/0011 21407	Kevin P. McGowan, Christopher Flynn, Marcy A. Prchal, 2008, Cultural Resources Investigations for the Southern Access Pipeline Stage 2 Project in Illinois, Summer 2008, Public Service Archaeology & Architecture Program, Southern Access Cultural Resources Report # 8		No sites identified
19202/0011 20310	Kevin P. McGowan, Brian Adams, 2011, Selected Phase I Archaeological Reconnaissance of the Proposed Northern Illinois rural Broadband Development Project in Northern Illinois. Public Service Archaeology & Architecture Program, Report no 11-030		No sites identified
22140/0030 31617	Thomas J. Loebel, 2017, Phase I Archaeological Survey of the Proposed Sanitary Sewer Extension, Ottawa, LaSalle County, Illinois, TJL Archaeological Consulting Services, Report 17-087	79	No sites identified
25859	Kevin P. McGowan, 2022, Archaeological Reconnaissance of a 35-Acre Solar Development on North 30th Road in LaSalle County, Illinois, Public Service Archaeology & Architecture Program, Report 22-063	35	No sites identified
25993	Joseph K. Pnewski, 2025, Literature Search and Phase I Cultural Resources Study SV CSG Ottawa I, LLC Project La Salle County, Illinois, Area M. Consulting, LLC	33.2	11LS1446, 11LS1447, 11LS1448, 11LS1449, 11LS1450
99999	No information		

Regional Archaeologist contacted: None

Investigation techniques: This survey was completed using a pedestrian survey spacing the transects differently depending on the vegetation present. Units 3 and 4 had standing mature corn with a minimum of 75% visibility between the rows, so every other corn row was walked. In Unit 3, LS 979 was relocated and an intensive survey of every corn row was completed to a distance of 15 m from the last identified artifact. Unit 5 was harvested soybeans, and a pedestrian survey utilizing 5 m transects was completed after the field was disced and rain-washed. Shovel tests for soil checks were done for each unit. See soil map appendix (D) for locations.

Area Surveyed (acres and sq meters): 187 acres/ 757746 hectare

Time expended: 52 person hours

Sites/find spots located: Relocated 11LS979. (See Appendix F for the site description and forms)

Cultural material: Artifact count 16; 1 chert flake, 1 blocky fragment, 1 core fragment, 10 fire-cracked igneous rock, and 3 ground stone fragments.

RESULTS OF INVESTIGATION AND RECOMMENDATIONS: (check one)

- ☐ Phase I archaeological reconnaissance has located no archaeological material; project clearance is recommended.
- ☒ Phase I archaeological reconnaissance has located archaeological materials; site (s) does(do) not meet requirements for National Register eligibility; project clearance is recommended.
- ☐ Phase I archaeological reconnaissance has located archaeological materials; site (s) may meet requirements for National Register eligibility; further testing is recommended.

COMMENTS AND RECOMMENDATIONS: LS 979 was relocated in Unit 3. This site is a small prehistoric lithic scatter on a low ridge near an igneous/bedrock outcrop. The main artifact type identified was igneous fire-cracked rock which could have been procured from that outcrop. There were also three ground stone artifacts identified which did not show extensive use. Two of these were also fire-cracked. The ground stone artifacts were all less than 20 cm in size. Only a few chert artifacts were identified in addition to the fire-cracked rock. The site is eroded and the artifacts have been dragged north and south by agricultural practices giving the site a more linear appearance than it may have had originally. The present survey identified the site approximately 11 m west of the original location with no overlapping margins. This discrepancy is probably due to the more exact location information provided by a GPS device.

CONTRACTOR INFORMATION:

Arch. Contractor: Farmland Archaeological Services

Address/phone: 10475 N 2300th Ave., Geneseo, IL 61254/309-507-1330

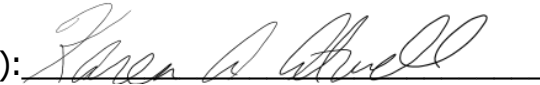
Surveyor(s): Karen Atwell

Survey Date(s): October 6-10 and November 18-20, 2025

Report completed by: Karen A. Atwell

Date: December 25, 2025

Submitted by (signature and title):



Karen A. Atwell,
Director, Farmland Archaeological Services

ATTACHMENT CHECK LIST: (#1 through #4 are MANDATORY)

- ☒ 1) Relevant portion of USGS 7.5' topographic quadrangle map(s) showing project location and any recorded sites (Appendix E)
- ☒ 2) project map(s) depicting survey limits and, when applicable, approximate site limits and concentrations of cultural materials;
- ☒ 3) site form(s) (Appendix F)
- ☒ 4) all relevant project correspondence; (Appendix C)
- ☒ 5) additional information sheets as necessary.

Address of contracting agency to whom SHPO comment should be directed:

Mr. David A. Noble
Economic and Community Development Director
City of Ottawa
301 West Madison Street
Ottawa, Illinois 61350

Appendices Included with this Report

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Appendix A

Historical Document Review

The purpose of this review is to examine plat maps, aerial photographs, and topographic maps to determine any alterations to the landforms that could affect cultural deposits. This includes the construction of buildings within the project area through time as well as modification to the landscape. Pioneer construction did not greatly disturb the landscape, but agricultural practices and waterway manipulation can remove, redistribute, or bury cultural deposits.

Usually the earliest available maps are from the United States General Land Office Surveys of the 1800s (US GLO). As the surveyors crossed the country they recorded the type of ground cover that existed along the section lines as well as any signs of cultural activity. Maps for the US GLO plats were created by the field surveyors and then later finalized and submitted to the United States government. The map for this portion of LaSalle county was finalized in 1834, but the field survey was completed in 1821. Figure 5 is the relevant portion of the map which indicates that Sections 8 and 9 were in prairie except for the east half of the northeast quarter of

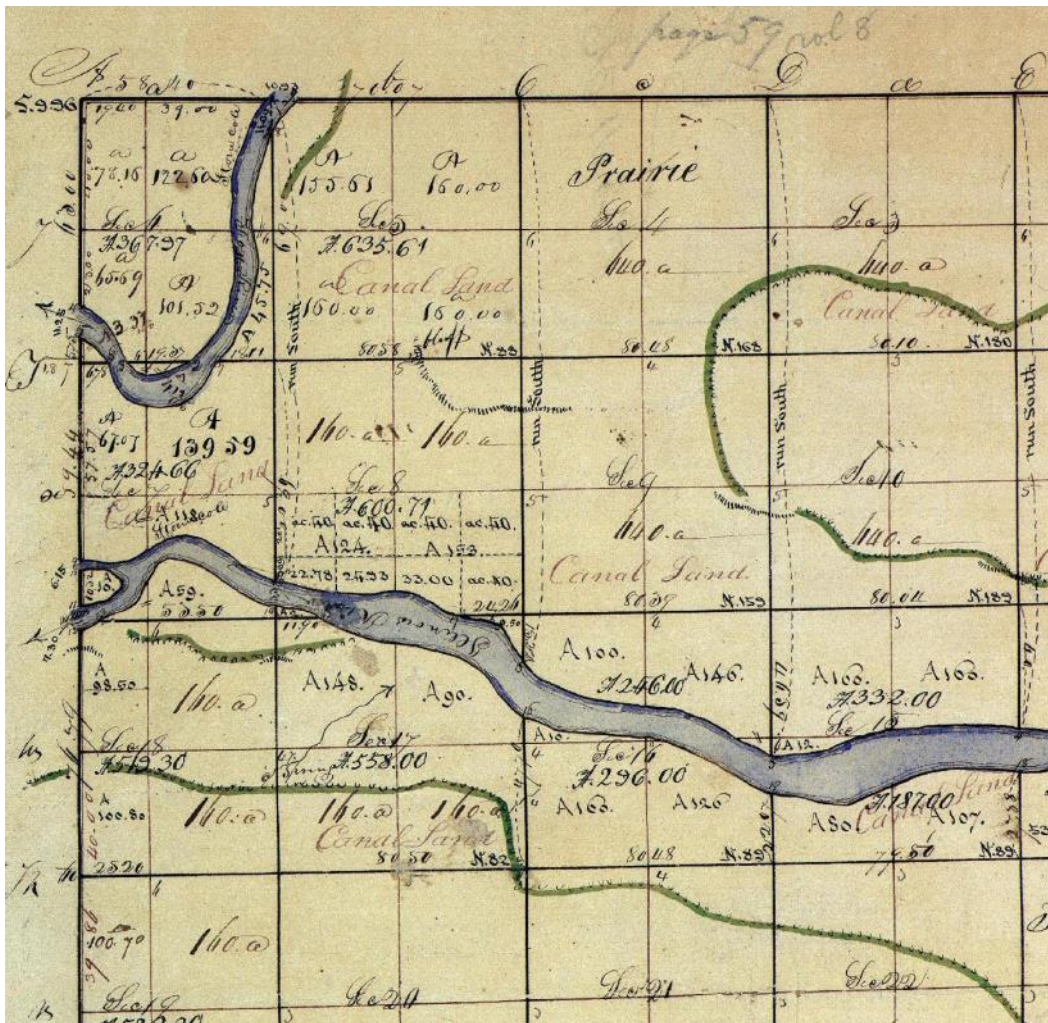


Figure 5. Portion of the 1834 Government Land Office map relevant to the project area in T33N R4E. The line crossing the northeast corner of Section 9 is the dividing line between prairie and forest. No cultural activity is noted on the map in Sections 8 or 9. Accessed online <https://www.ilglos.com/> on August 1, 2025.

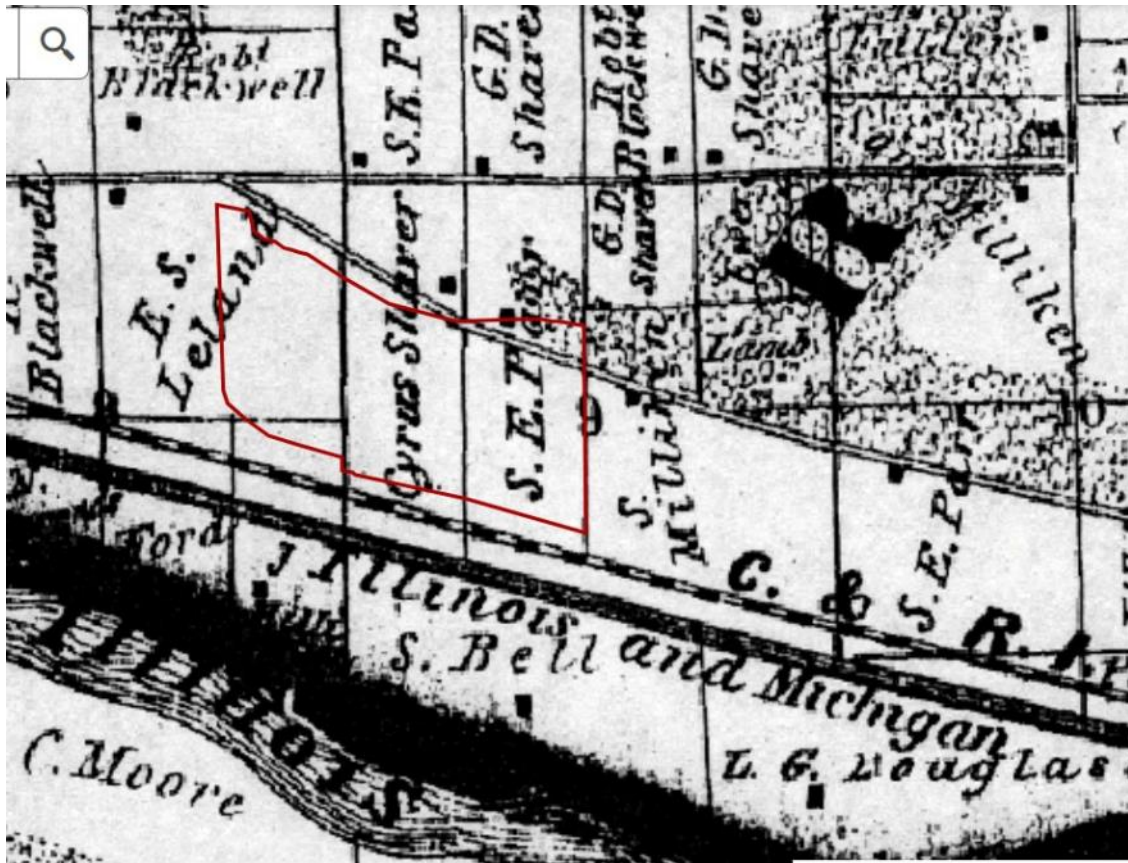


Figure 6. Plat map from 1870 (Evert and Friend) with the project area outlined in red.

Section 9. The Fox River and the Illinois River are illustrated on this map. No cultural activity was noted by the surveyors within Sections 8 or 9 in the 1820s.

The first available plat map for this area is from 1870 (Evert and Friend). This plat map (Figure 6) shows that the project area is owned by at least three different individuals at that time. All of the farmsteads were built on the northern side of the road that cut through the parcels. This pattern for the homesteads continued on the 1876 plat map (Warner and Beers). Figure 7 shows that the owners in Section 9 are the same, but the land in Section 8 was sold to a different individual. It should be noted that the angle of the road is different between these two plat maps. The 1876 map moves the farmsteads further to the north within the properties and farther away from this project's boundaries. Only one building is indicated within in the project area on the early plat maps. On the 1892 plat map (Anundsen) a structure is marked in the northeast corner of Unit 5 near the road (Figure 8). Based on the plat maps it is torn down between 1903 and 1906. (See the Plat Map Section of this Appendix for the relevant maps.) No physical evidence/artifacts from this structure was found during this survey, which may be due to road improvements or modifications along Route 6. After 1906 there is no indication that a house was built within the limits of the present project area based on plat maps and historical aerial photographs.

The first historic aerial photograph available is from 1939, taken as part of the Agricultural Adjustment Act 1937-1947 and shows the layout of the roads and

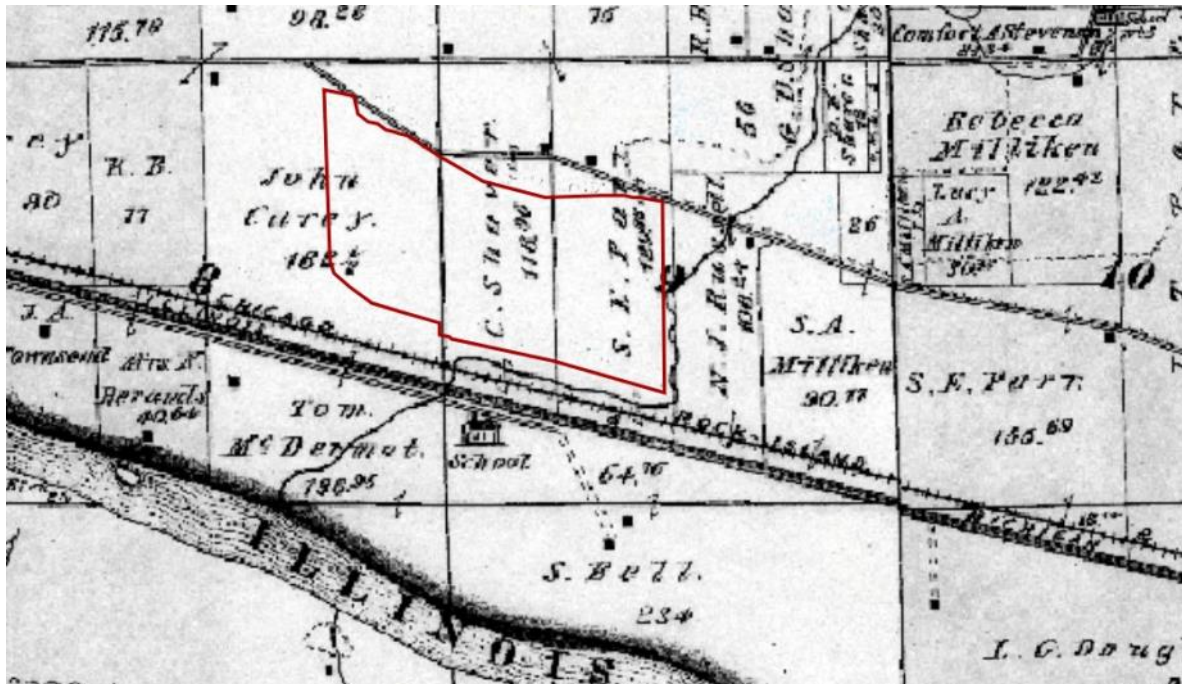


Figure 7. Plat map from 1876 (Warner & Beers) indicates that the landowners in Section 9 remained, but the owner in Section 8 changed. The angle of the road is different from the 1870 plat map with the houses shown to the north of the curve. The project area is outlined in red.



Figure 8. Plat map from 1892 (Anundsen) with project area outlined in red. A structure is marked in the northeast corner along the road.

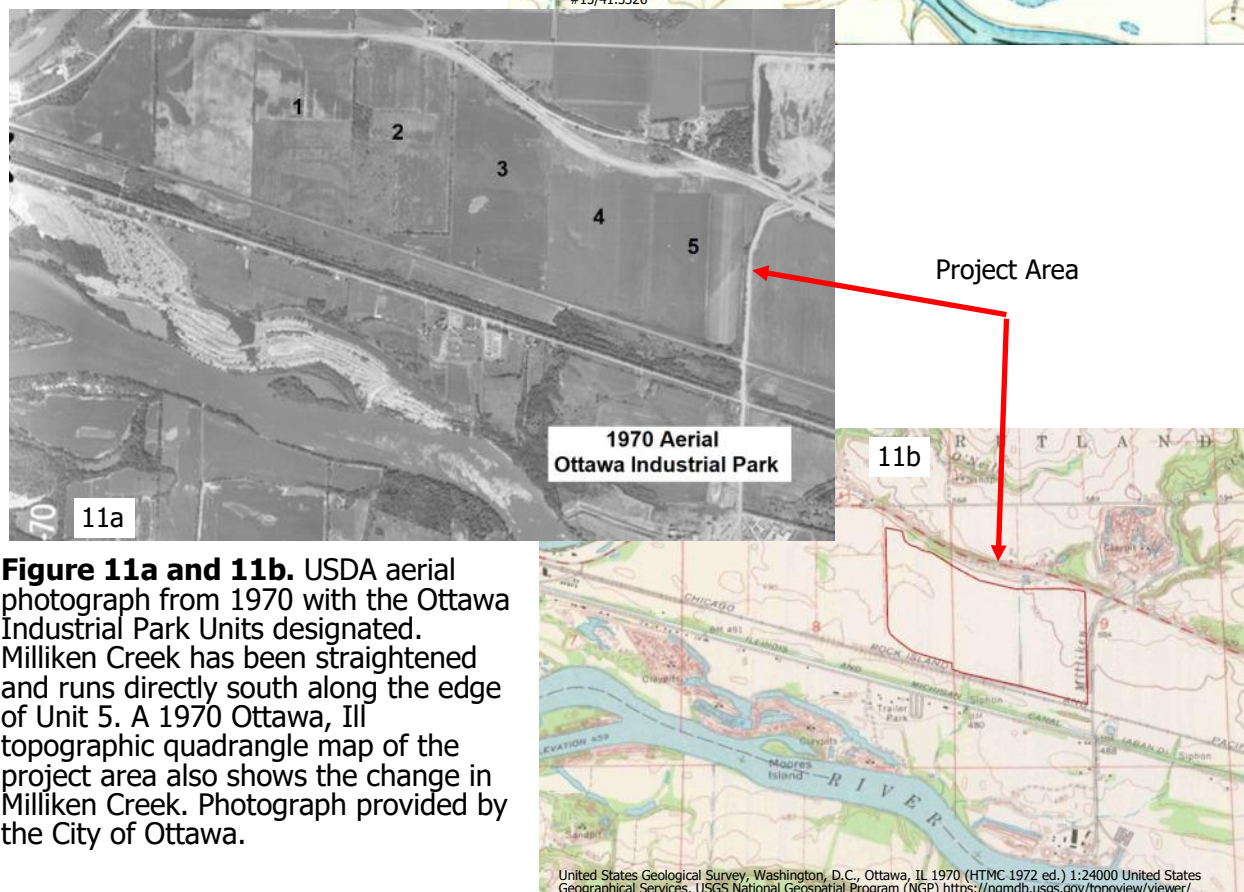
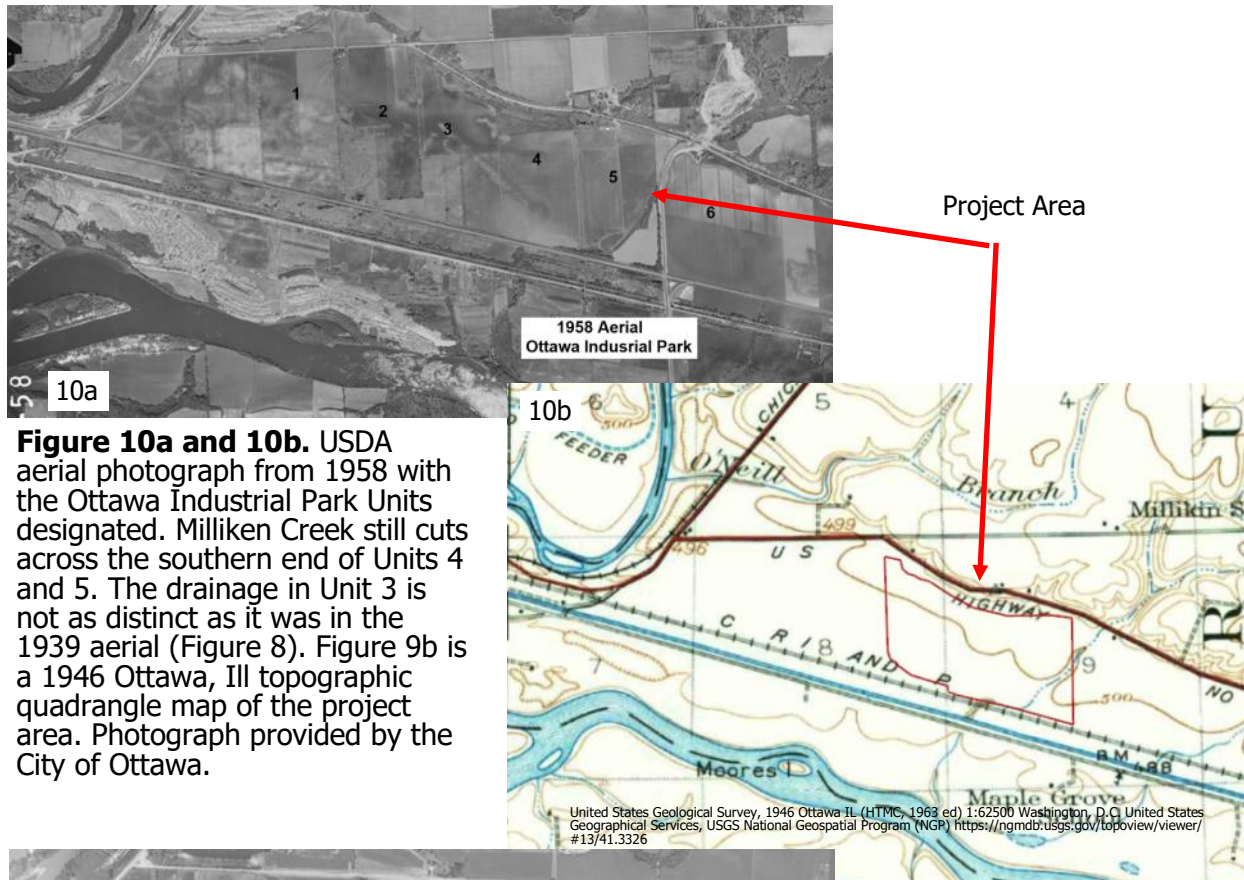


Figure 9. Units 3, 4 and 5 designated on an aerial photograph from 1939 showing the placement of the farmstead, and roads. The Milliken Creek had not been channelized by that time and cuts across Units 4 and 5. Illinois Historic Aerial Photographs 1937-1947. Illinois Natural Resources Geospatial Data Clearinghouse, Illinois State Geological Survey, <http://clearinghouse.isgs.illinois.edu/webdocs/ilhap/county/data/>

farmsteads around the project area. Figure 9 is a portion of this aerial photograph provided by the City of Ottawa with the Industrial Park Units designated. No buildings are present on any of the three units. Figures 10a and 11a, USDA aerials from 1958 and 1970 respectively also have no buildings visible within the project area.

Of interest for this archaeological survey are the two drainages are visible on the 1939 aerial photograph. Milliken Creek cuts across the southern end of Unit 5 and Unit 4 joining with an intermittent drainage that runs across the north end of Unit 3 and down along the eastern edge. This water pattern continued into the 1950s but was altered by 1970. The USDA aerial photographs from 1958 and 1970 show the change that occurred. Topographic quadrangle maps from 1946 (Figure 10b) and 1970 (Figure 11b) provide the line drawings of the contour features of these fields and the changes that took place to the waterways. Milliken Creek was channelized to run directly north-south along the property line which is also the quarter section line south towards the Illinois River. This suggests that eastern edge and southern end of Unit 5 had landform modification using heavy machinery in the 1960s. In the 1970 aerial (Figure 11a) the original path of Milliken Creek across Unit 5 is barely visible compared to the earlier aerials.

More recent aerials of the project area show the southern portion of Unit 5 and the southeast corner of Unit 4 covered with trees and brush. In 2007 a flash flooding event caused Milliken Creek to overflow into its original drainage path (David Noble personal communication). Until the last few years this area was not consistently farmed. An aerial photograph from 2006 provided by the City of Ottawa (Figure 12) shows the project area prior to the flash flood in 2007. The is very similar to the 1970 aerial photograph. A Google Earth aerial from 2024 (Figure 13) shows a large portion of the southern end of Unit 5 is either fallow or tree covered. Since August 2024 this



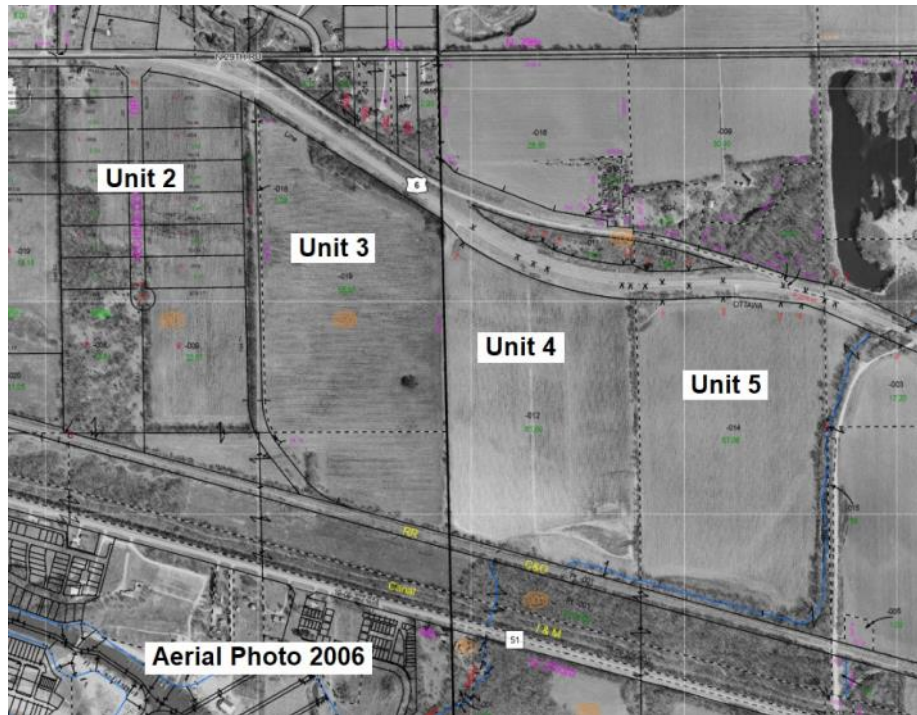


Figure 12. Aerial photograph from 2006 showing the field pattern for Units 3, 4 and 5. This configuration is similar to the 1970 aerial photograph in Figure 11a where Milliken Creek follows the eastern and southern edge of Unit 5. (Photograph provided by the city of Ottawa)



Figure 13. Google Earth aerial from August 2024 which shows the southern area in Unit 4 and 5 left fallow with brush and trees. Project area is outlined in red.

area has been cleared and placed back into agricultural production. Figure 14, 15, and 16 are pictures of the southern end of Unit 4 and 5 showing the bulldozed piles of trees and brush left from the clearing of the fallow areas visible in Figure 13. In November, the soybean stubble in Unit 5 was tilled. This included the area in Unit 5 and Unit 4 that had been fallow in 2024. Visibility was very good at that time, but the he amount of disturbance represented by the flooding, subsequent tree and brush growth and removal would make any artifact located in this area of undefined context. Due to this the one piece of cobalt blue glass (Figure 17) at the southern edge of Unit 5 was noted by not collected.

Along the northern edge of the project area the right-of-way for Route 6 has been extensively modified. The road is at a much higher elevation than the fields.



Figure 14. Looking north from the south end of Unit 4 at the bulldozed trees and brush from the southeast corner of the unit. Photograph taken in October.



Figure 15. Looking east from the southwest corner of Unit 5 at bulldozer pile and harvested soybean stubble. Photograph taken in October.



Figure 16. Looking south at bulldozed piles in the southern end of Unit 5. Photograph taken in November after the soybean stubble was disced and rain washed.



Figure 17. Cobalt blue glass fragment located at the southern edge of Unit 5 is the disturbed area.

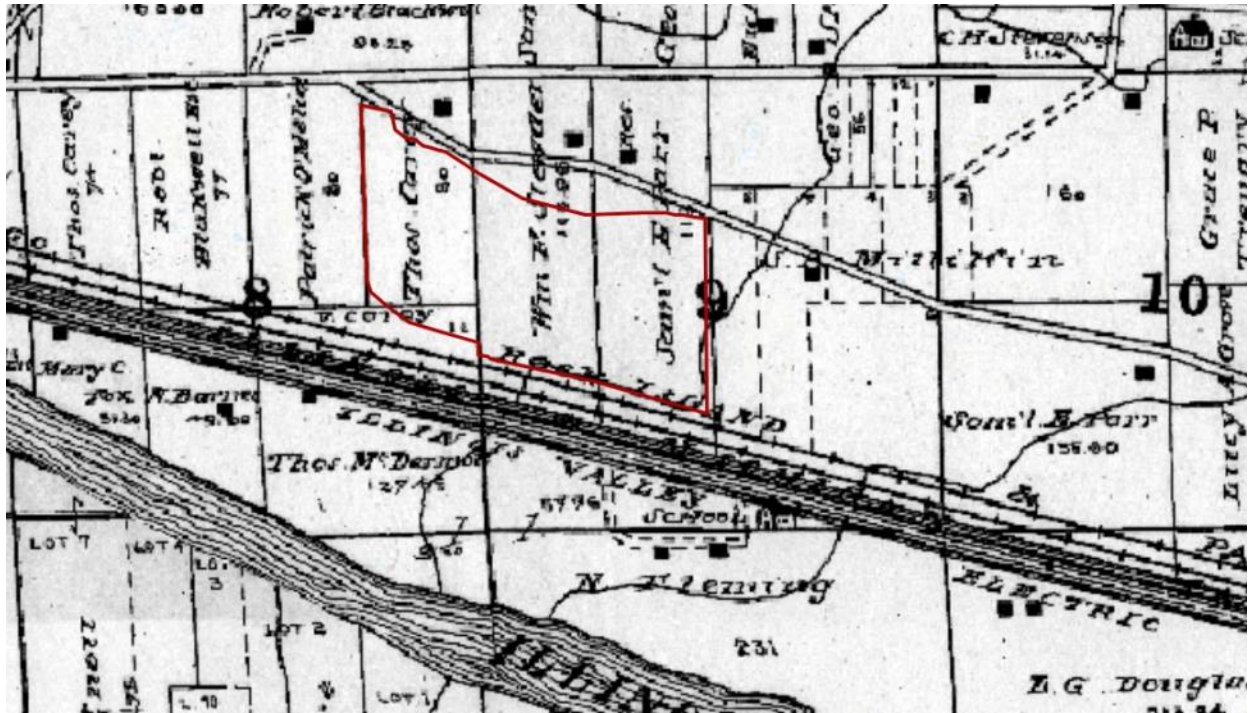
Plat Maps, Topographic Maps



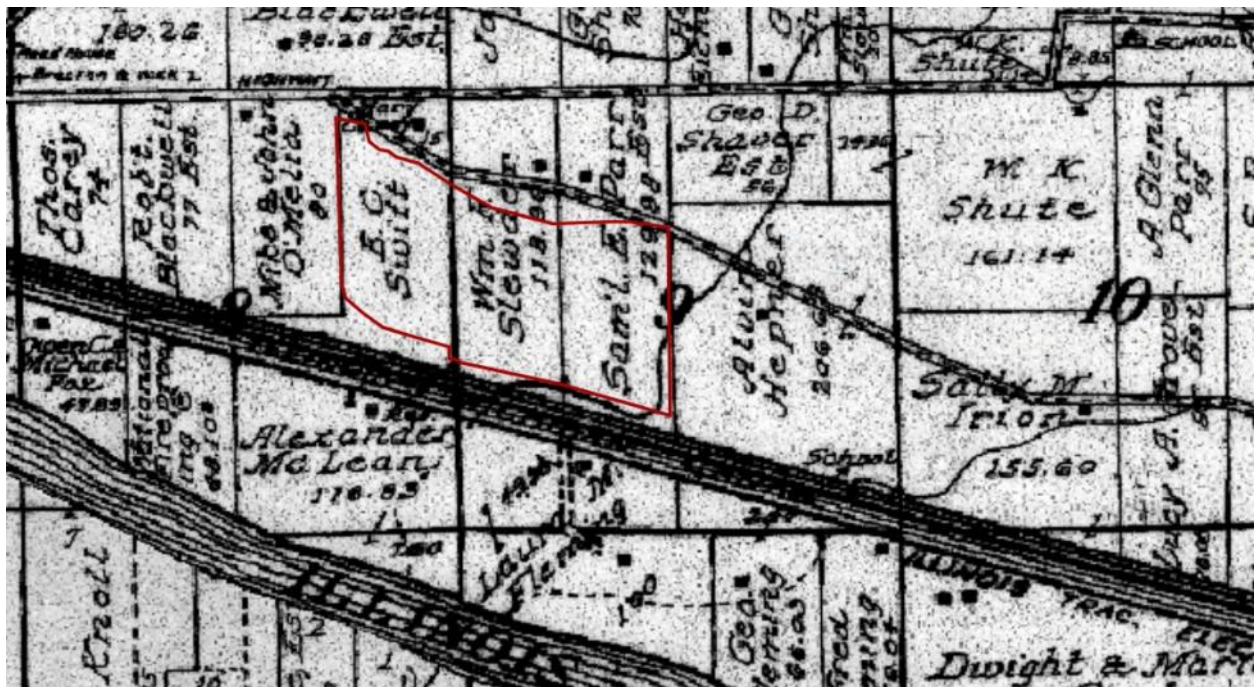
Plat map from 1895 with project area outlined in red.
Dunaway, W. A. (editor) *Map of LaSalle County, Illinois*. Maierhofer and Briel. Ottawa, Illinois.



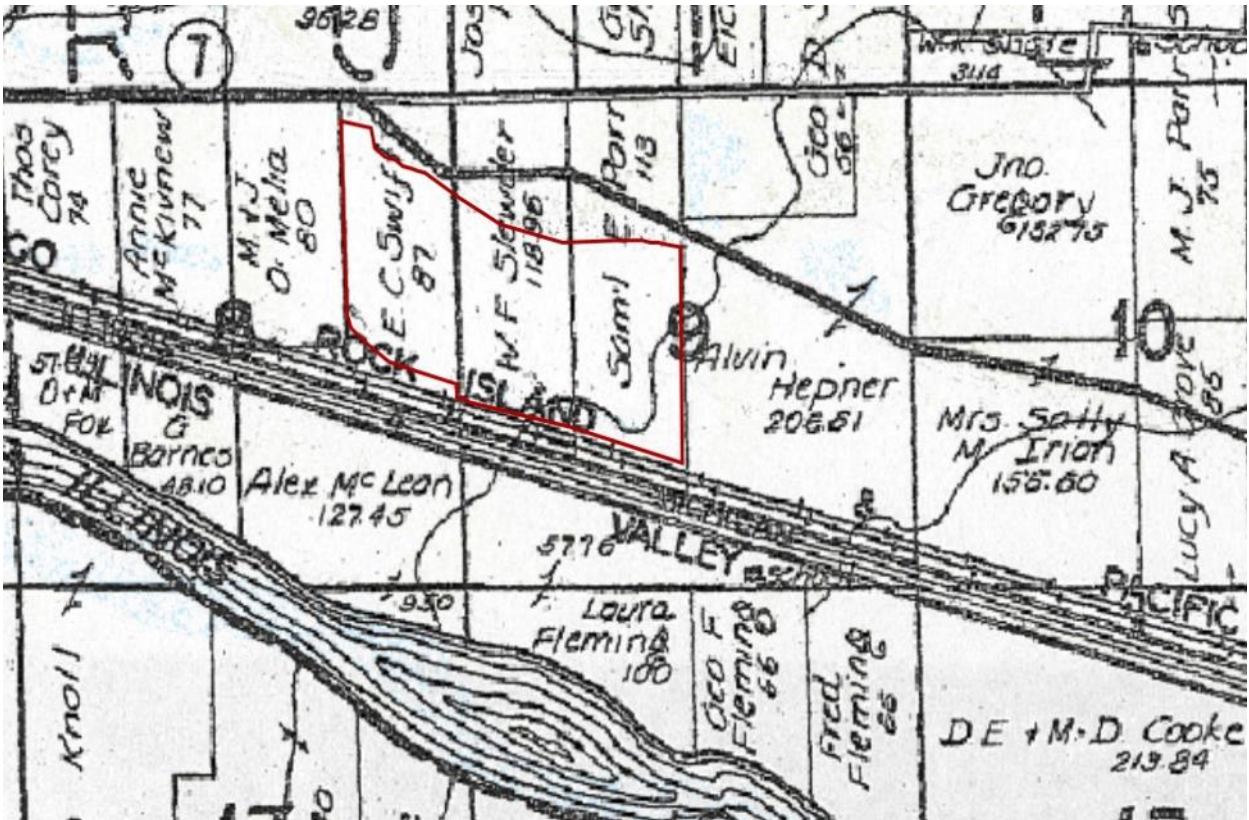
Plat map from 1903 with project area outlined in red.
Crowden, G.A. *The Fair Dealer Map of La Salle County, Illinois*. Ottawa, Illinois.



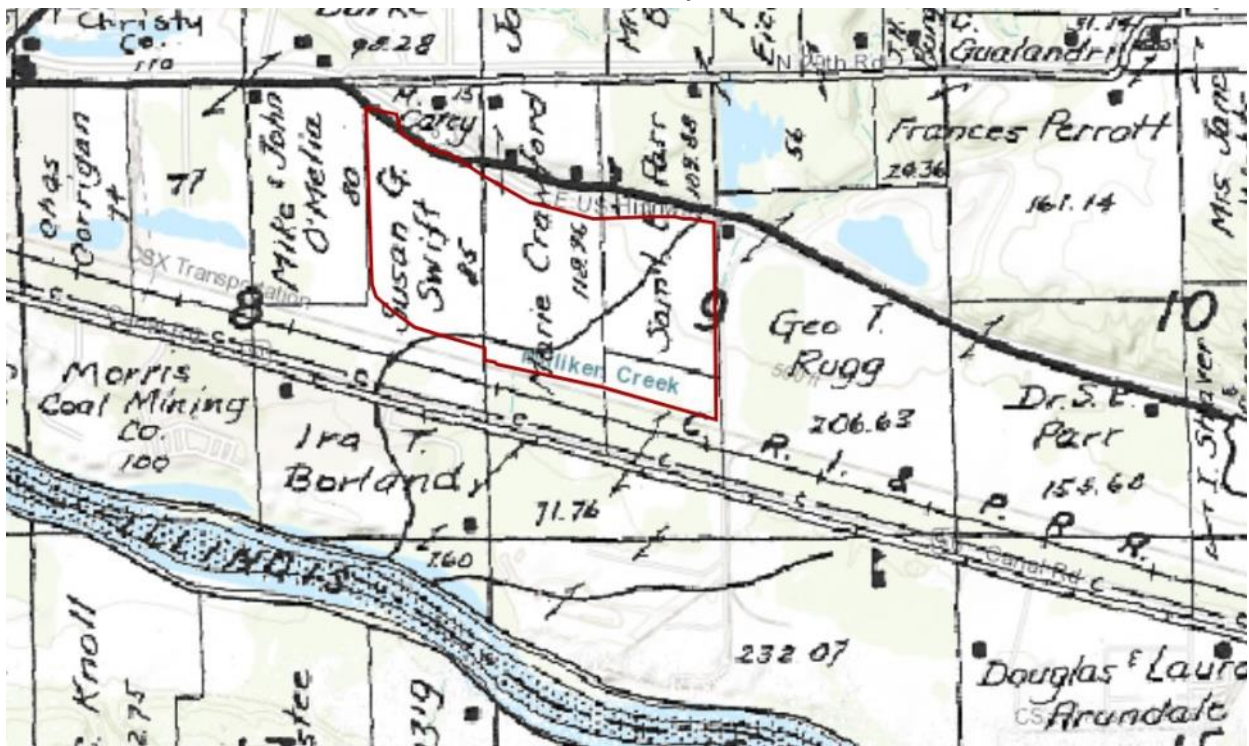
Plat map from 1906 with project area outlined in red. Geo. A. Ogle & Co. *Standard Atlas of La Salle County, Illinois including a Plat Book of the Villages, Cities and Townships of the County, Map of the State, United States and World.*



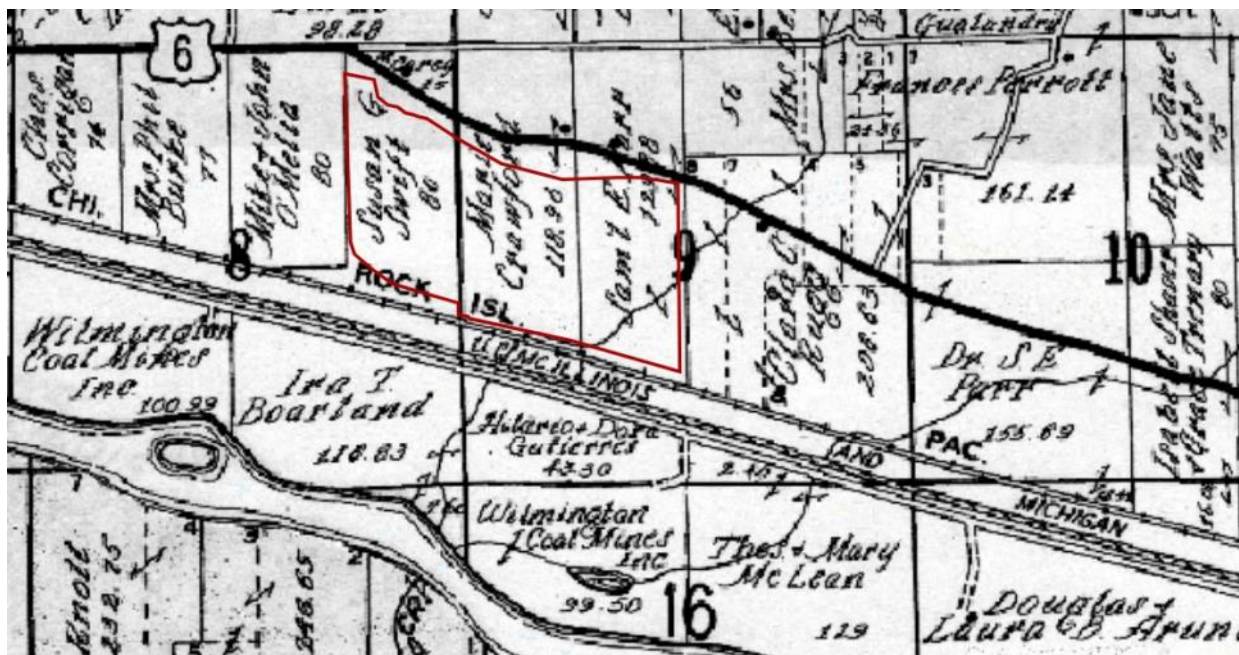
Plat map from 1929 with project area outlined in red. Brock and Co. *Standard Atlas of La Salle County, Illinois including a Plat Book of the Villages, Cities and Townships of the County. Map of the State, United States and World.*



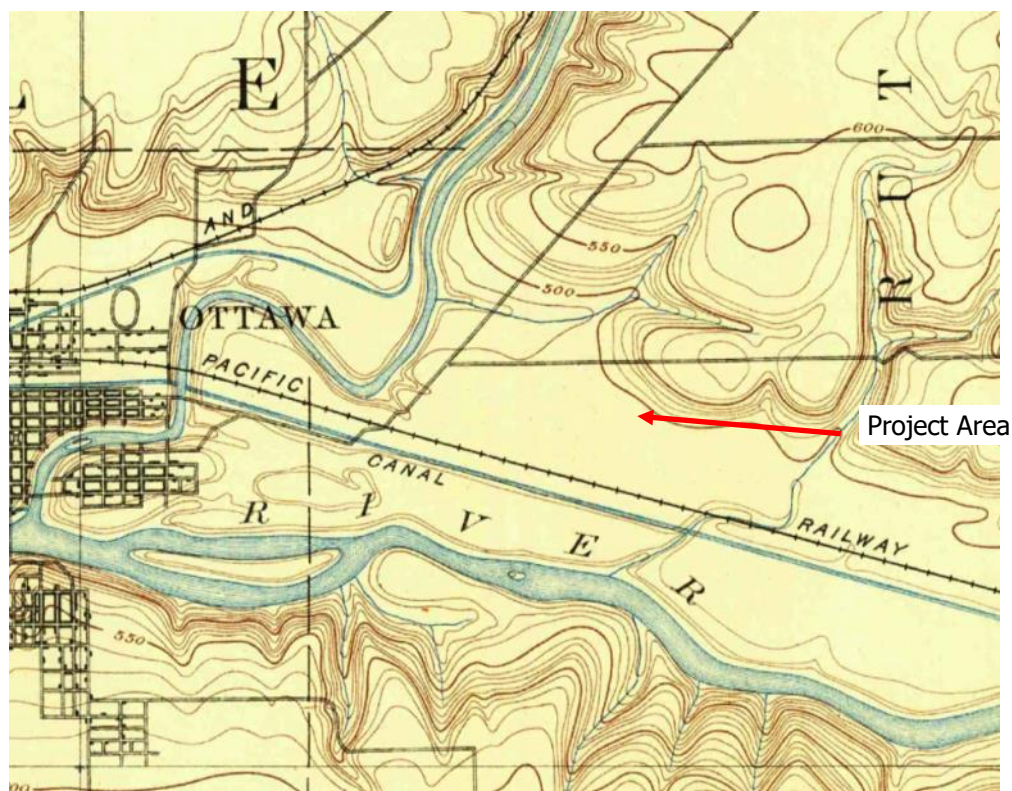
Plat map from 1931 with project area outlined in red.
 W.W. Hixson & Co. *Plat Book of La Salle County, Illinois*. Rockford, Illinois.



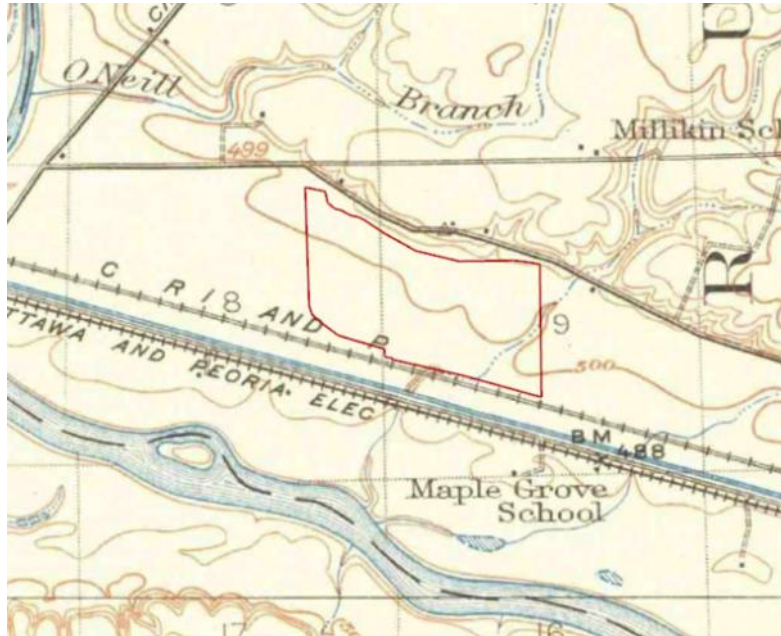
Plat map from 1950 with survey area outlined in red.
 Rockford Map Publishers *Farm Plat Book, La Salle County, Illinois*. Rockford, Illinois.



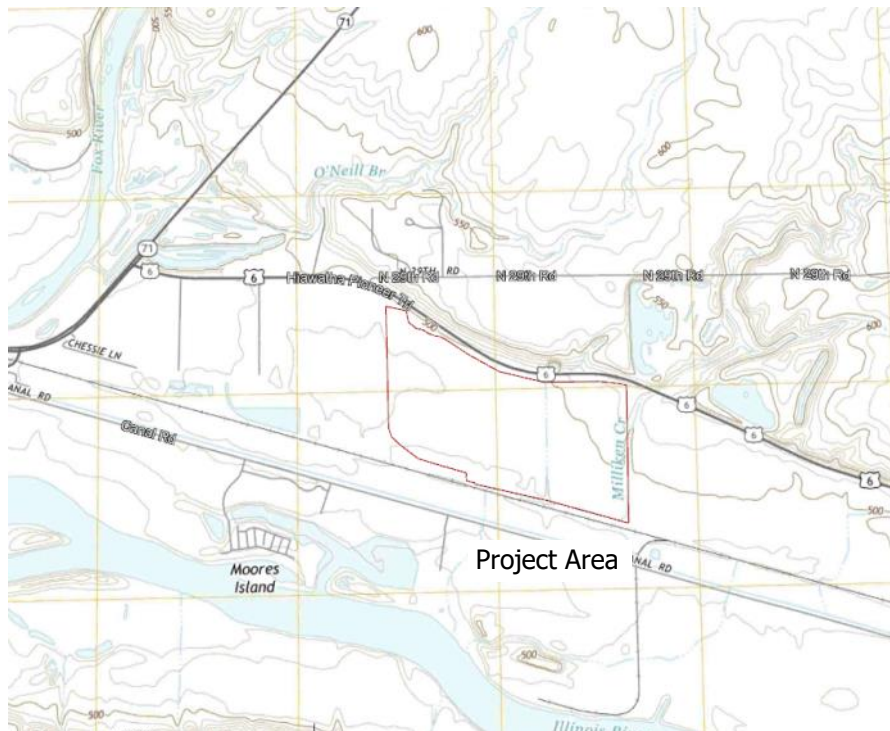
Plat map from 1952 with survey area outlined in red.
General Map Co., *Atlas of La Salle County, Illinois*. Rockford, Illinois.



United States Geological Survey
1892 Ottawa, IL Topographic Quadrangle Map. United States Geological Survey, Washington, D.C. United States Geographical Services, USGS National Geospatial Program (NGP) <https://ngmdb.usgs.gov/topoview/viewer/#13/41.3326>



United States Geological Survey
 1915 Ottawa, IL Topographic Quadrangle Map. United States Geological Survey,
 Washington, D.C. United States Geographical Services, USGS National Geospatial Program
 Accessed at <https://ngmdb.usgs.gov/topoview/viewer/#13/41.3340>



United States Geological Survey
 2015 Ottawa, IL (HTMC, 2015 ed.) 7.5 minute Topographic Quadrangle Map. United
 States Geological Survey, Washington, D.C. United States Geographical Services,
 USGS National Geospatial Program (NGP) <https://ngmdb.usgs.gov/topoview/viewer/>

References for Plat Maps in Order by Date

Everts, James, N. Friend (editors)

1870 *Map of LaSalle County, Illinois*. Thompson Bro's. Elgin, Illinois.

Warner & Beers

1876 *Atlas of La Salle County and the State of Illinois to which is added an Atlas of the United States ...* Chicago, Illinois.

Anundsen Publishing Co.

1892 *Plat Book of La Salle County, Illinois*. (1997) Decorah, Iowa.

Dunaway, W. A. (editor)

1895 *Map of LaSalle County, Illinois*. Maierhofer and Briel. Ottawa, Illinois.

Crowden, G.A.

1903? *The Fair Dealer Map of La Salle County, Illinois*. Ottawa, Illinois.

Geo. A. Ogle & Co.

1906 *Standard Atlas of La Salle County, Illinois including a Plat Book of the Villages, Cities and Townships of the County, Map of the State, United States and World. Patrons Directory, Reference Business Directory and departments devoted to general information, analysis of the system of U.S. Land Surveys, digest of the system of civil government, etc.* Chicago, Illinois.

Brock and Co.

1929 *Standard Atlas of La Salle County, Illinois including a Plat Book of the Villages, Cities and Townships of the County. Map of the State, United States and World. Patrons Directory, Reference Business Directory and departments devoted to general information. Analysis of the system of the U.S. Land Surveys, digest of the system of civil government, etc.* Chicago, Illinois.

W.W. Hixson & Co.

1931? *Plat Book of La Salle County, Illinois*. Rockford, Illinois.

Rockford Map Publishers

1950 *Farm Plat Book, La Salle County, Illinois*. Rockford, Illinois.

General Map Co.

1952 *Atlas of La Salle County, Illinois*. Rockford, Illinois.

Topographic maps

United States Geographical Services, USGS National Geospatial Program (NGP)

1892 Ottawa, IL (HTMC, 1892 ed.) Scale 1:62500

1915 Ottawa, IL (HTMC, 1915 ed.) Scale 1:62500

1946 Ottawa, IL (HTMC, 1963 ed.) Scale 1:62500

1970 Ottawa, IL (HTMC, 1977 ed.) Scale 1:24000

2015 Ottawa, IL (HTMC, 2015 ed.) Scale 1:24000

Illinois State Geological Survey

- 1939 Historical Aerial Photographs 1934-1947, Illinois Natural Resources Geospatial Data Clearinghouse, <https://prairie-research.maps.arcgis.com/apps/webappviewer/index.html?id=a251e0a92bd84f978e46a0b2f3b5a50f>, photo: 0bwy02096 (19390809); accessed September 10, 2024
- 1941 Illinois Historic Aerial Photographs 1934-47. Illinois Natural Resources Geospatial Data Clearinghouse, Illinois State Geological Survey, <https://prairie-research.maps.arcgis.com/apps/webappviewer/index.html?id=a251e0a92bd84f978e46a0b2f3b5a50f>; photo: 00rr3b003 (19410828); accessed September 10, 2024
- 1958 Illinois Historic Aerial Photographs 1955-79. Illinois Natural Resources Geospatial Data Clearinghouse, Illinois State Geological Survey, <https://prairie-research.maps.arcgis.com/apps/webappviewer/index.html?id=a251e0a92bd84f978e46a0b2f3b5a50f>; photo: 3V_BWY_0006 (19580501); accessed September 10, 2024
- 1964 Illinois Historic Aerial Photographs 1955-79. Illinois Natural Resources Geospatial Data Clearinghouse, Illinois State Geological Survey, <https://prairie-research.maps.arcgis.com/apps/webappviewer/index.html?id=a251e0a92bd84f978e46a0b2f3b5a50f>; photo: 005982_0207 (19640625); accessed September 10, 2024
- 1970 Illinois Historic Aerial Photographs 1955-79. Illinois Natural Resources Geospatial Data Clearinghouse, Illinois State Geological Survey, <https://prairie-research.maps.arcgis.com/apps/webappviewer/index.html?id=a251e0a92bd84f978e46a0b2f3b5a50f>; photo: 008727_0168 (19700825); accessed September 10, 2024
- 1979 Illinois Historic Aerial Photographs 1955-79. Illinois Natural Resources Geospatial Data Clearinghouse, Illinois State Geological Survey, <https://prairie-research.maps.arcgis.com/apps/webappviewer/index.html?id=a251e0a92bd84f978e46a0b2f3b5a50f>; photo: 032645_0078 (19790926) accessed September 10, 2024

Schwegman, John E.

- 1973 Comprehensive Plan for the Illinois Nature Preserves System, Part 2 – The Natural Divisions of Illinois. Illinois Nature Preserves Commission, Rockford, Illinois.

Appendix B—Photographs of Project Area



Photograph of the southern end of Unit 4 looking west near the middle of the cornfield edge.



Photograph of the dense vegetation in ditch between Unit 4 and 5.



Examples of the visibility within the standing corn. One view is looking down the length of a row and the other is across. This was typical of the field in both Unit 3 and Unit 4.



Three photographs of the southeast corner of Unit 4. Above is looking north at the bulldozed piles at the cornfield taken in October. The upper right photograph is a similar view, but taken in November after the farmer tilled the grass and weeds around the piles. The lower right is looking west from near the cross-over between Unit 4 and Unit 5.



Photograph (left) taken north of Unit 4 bulldozer piles showing the surface visibility in this area along the corn field in October.



Two photographs from the southern cross-over between Unit 4 and 5. The tube is visible on the south side (left photograph) and looking north (right photograph) shows the density of the vegetation in the ditch. Photographs were taken in October.



Looking northeast from the cross-over between Unit 4 and Unit 5 into harvested soybean field.



Looking north along the eastern field edge of Unit 4.



Five different view of the outcropping southeast of LS 979. The area appears to be a large pile of igneous cobbles of various sizes.





Looking northeast towards Route 6 from southwest corner of Unit 5.



Looking north towards Route 6 from southeast corner of Unit 5 along east property edge.



Looking south from east of bulldozer piles towards railroad tracks.



Looking west along southern edge of Unit 5 from south of bulldozer piles.



Example of the surface visibility in November for Unit 5 after the field was tilled and rain washed.

Appendix C—Correspondence



Illinois
Department of
**Natural
Resources**

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

www.dnr.illinois.gov

LaSalle County
Ottawa

Site Improvements: Industrial Park, parcels 15-44-202-009, 15-44-202-008, 15-44-202-001, 15-44-202-002, 15-44-202-003, 15-44-202-004, 15-44-202-005, 15-44-202-006, 15-44-202-007, 15-44-202-015, 15-44-202-014, 15-44-202-013, 15-44-202-012, 15-44-202-011, 15-44-202-010, 15-44-211-000, 15-44-453-000, 15-45-113-000, 15-45-115-000

DCEO-25-912009, SHPO LOG #040041725

SURVEY REQUEST

April 24, 2025

Dana Edwards
Illinois Dept. of Commerce & Economic Opportunity
Office of Grants Management
500 E. Monroe St.
Springfield, IL 62701

The Illinois State Historic Preservation Office is required by the [Illinois State Agency Historic Resources Preservation Act](#) (20 ILCS 3420) and [its implementing rules](#) (17 IAC 4180) (Act) to review all state funded, permitted, or licensed undertakings for their effect on cultural resources. We have received information indicating that the referenced project will, pursuant to that law, require comments from our office and our comments follow. Should you have any contrary information, please contact our office at the number below.

According to the information 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. Therefore, if your project will use federal loans or grants, need federal agency permits, or is on federal property then your project must be reviewed by us pursuant to the National Historic Preservation Act of 1966, as amended. Please notify us immediately if such is the case, as additional archaeological survey coverage beyond what is described below may be necessary.

The project area has a high probability of containing significant archaeological resources. Accordingly, a Phase I archaeological **survey** to locate, identify, and record all archaeological resources within the project area will be **required**. This decision is based upon our understanding that there has not been any large-scale disturbance of the ground surface (excluding agricultural activities) or major construction activity within the project area which would have destroyed existing cultural resources prior to your project. If the area has been disturbed, please contact our office with the appropriate written and/or photographic evidence. Our most recently updated list of archaeological consultants, maintained as a courtesy, is available on [our website](#). A copy of our letter with the SHPO Log# 041041725 should be provided to the selected professional archaeological contractor to ensure that the survey results are connected to your project. If you have questions, 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



Ottawa Industrial Park Units 3-5 Archaeological Study

4 messages

Dave Noble <dnoble@cityofottawa.org>
To: "kann.atwell@gmail.com" <kann.atwell@gmail.com>

Tue, Sep 30, 2025 at 2:35 PM

Karen,

Please see the attached maps and photos of Ottawa Industrial Park Units 3-5.

Unit 3 41.349, -88.785 Corn standing

Unit 4 41.348, -88.781: Corn standing

Unit 5 41.3476, -88.7755: Soybeans being combined today.

I will call to discuss further.

David A. Noble, PE

Economic and Community Development Director

City of Ottawa, [301 West Madison Street, Ottawa, IL 61350](#)

815-433-0161 x220 dnoble@cityofottawa.org

7 attachments



2 OIP Site Location Map.jpg
549K



05 OIP Roads & Rail w ADDRESSES.jpg
588K



NCledc OIP Units 3-5.jpeg
738K



Photo Unit 3 corn on 9-30-25.jpg
1163K



Photo Unit 3 soil in corn rows 9-30-25.jpg
976K



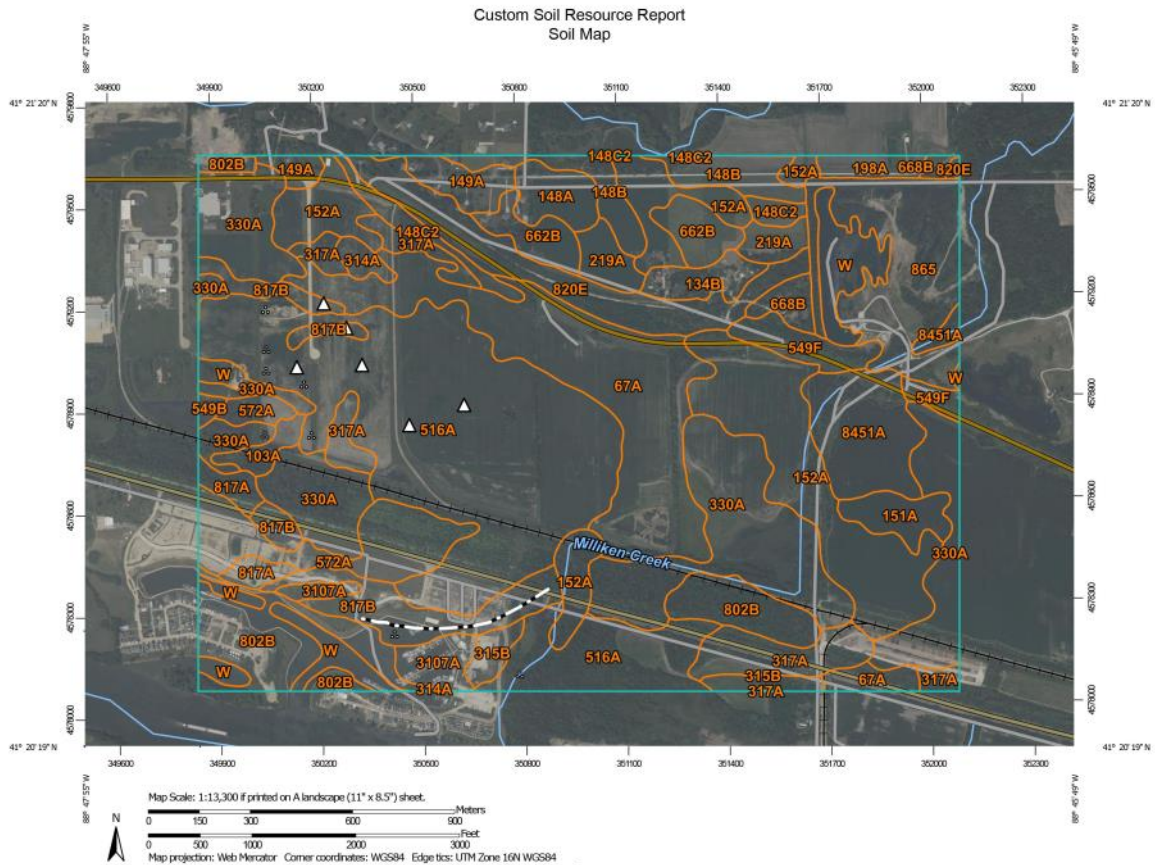
Photo Unit 4 corn on 9-30-25.jpg
1255K



Photo Unit 5 beans harvested on 9-30-25.jpg
1146K



Appendix D—Soil Map

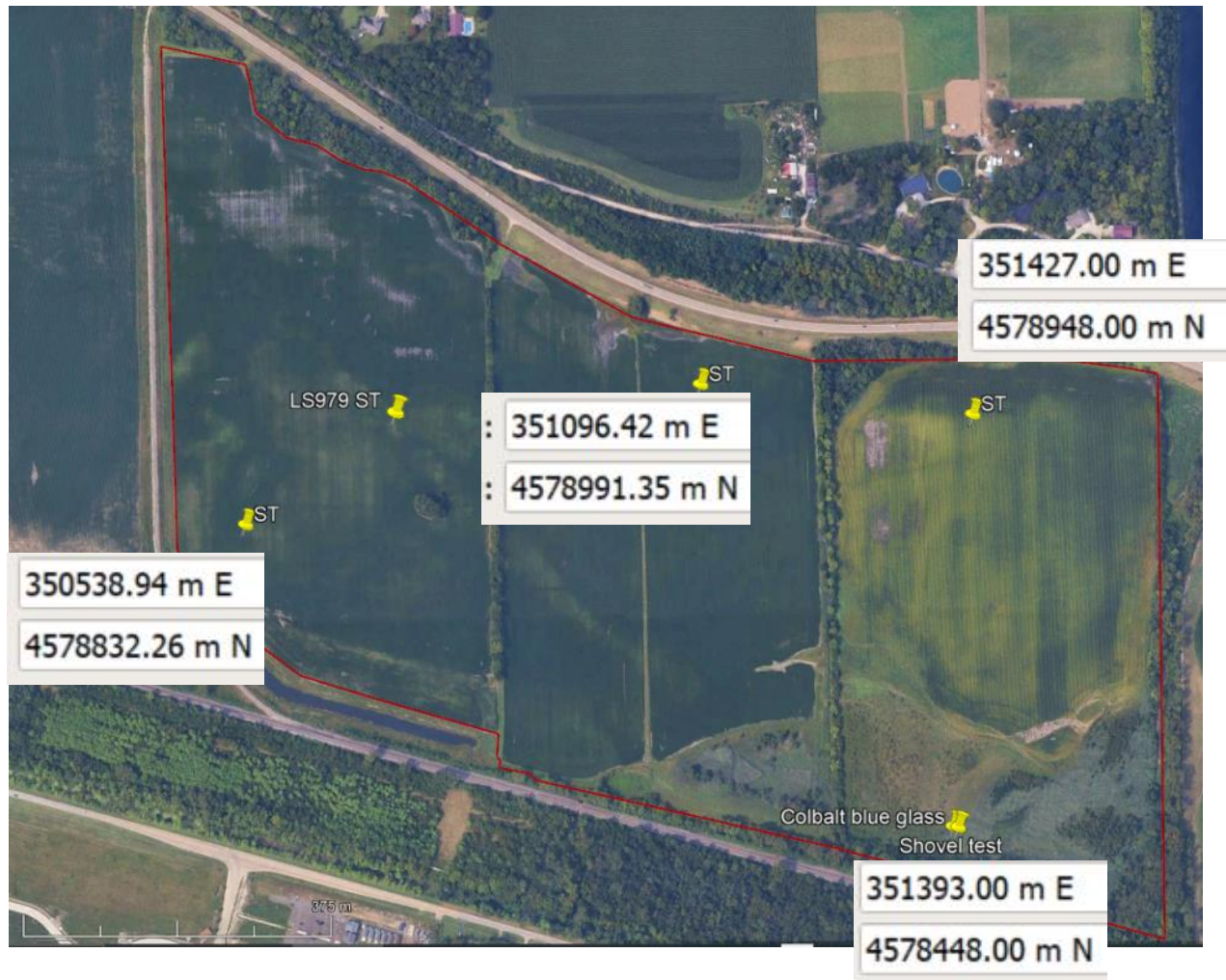


Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
67A	Harpster silty clay loam, 0 to 2 percent slopes	81.5	9.3%
103A	Houghton muck, 0 to 2 percent slopes	4.5	0.5%
134B	Camden silt loam, 2 to 5 percent slopes	7.9	0.9%
148A	Proctor silt loam, 0 to 2 percent slopes	9.7	1.1%
148B	Proctor silt loam, 2 to 5 percent slopes	19.3	2.2%
148C2	Proctor silt loam, 5 to 10 percent slopes, eroded	9.4	1.1%
149A	Brenton silt loam, 0 to 2 percent slopes	11.8	1.3%
151A	Ridgeville fine sandy loam, 0 to 2 percent slopes	9.0	1.0%
152A	Drummer silty clay loam, 0 to 2 percent slopes	87.1	9.9%
198A	Elburn silt loam, 0 to 2 percent slopes	5.0	0.6%
219A	Milbrook silt loam, 0 to 2 percent slopes	11.7	1.3%
314A	Joliet silt loam, 0 to 2 percent slopes	3.4	0.4%
315B	Channahon silt loam, 2 to 4 percent slopes	8.3	0.9%
317A	Millsdale silty clay loam, 0 to 2 percent slopes	29.2	3.3%
330A	Pectone silty clay loam, 0 to 2 percent slopes	116.2	13.2%
516A	Faxon loam, 0 to 2 percent slopes	172.0	19.6%
549B	Marseilles silt loam, 2 to 5 percent slopes	1.4	0.2%
549F	Marseilles silt loam, 18 to 35 percent slopes	12.3	1.4%
572A	Loran silt loam, 0 to 2 percent slopes	30.0	3.4%
662B	Barony silt loam, 2 to 5 percent slopes	16.7	1.9%
668B	Somonauk silt loam, 2 to 5 percent slopes	6.4	0.7%
802B	Orbents, loamy, 1 to 6 percent slopes	43.8	5.0%

Custom Soil Resource Report

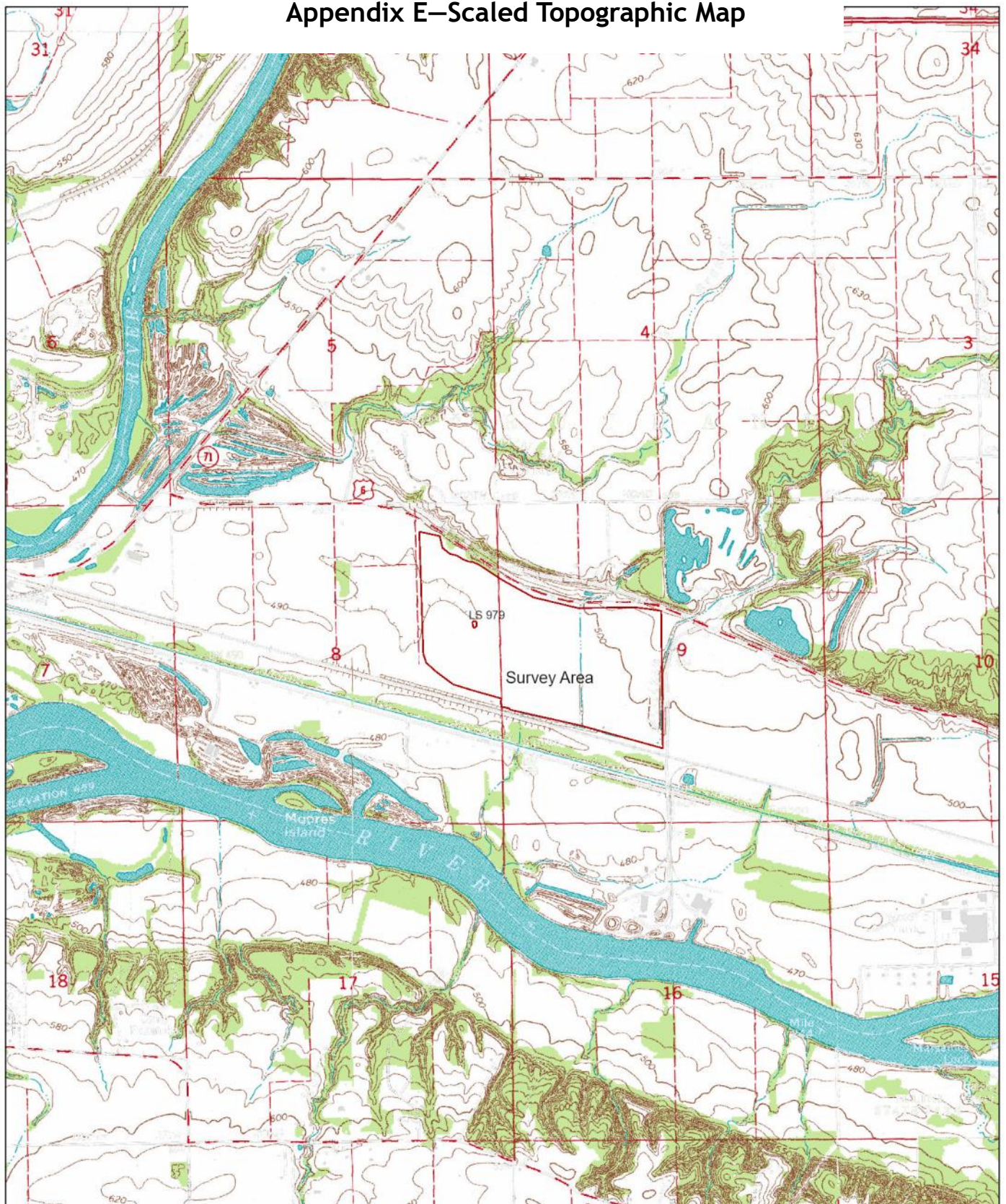
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
817A	Channahon-Hesch fine sandy loams, 0 to 2 percent slopes	7.3	0.8%
817B	Channahon-Hesch fine sandy loams, 2 to 6 percent slopes	31.3	3.6%
820E	Hennepin-Casco complex, 12 to 30 percent slopes	34.1	3.9%
865	Pits, gravel	45.0	5.1%
3107A	Sawmill silty clay loam, heavy till plain, 0 to 2 percent slopes, frequently flooded	10.2	1.2%
8451A	Lawson silt loam, cool mesic, 0 to 2 percent slopes, occasionally flooded	28.1	3.2%
W	Water	25.2	2.9%
Totals for Area of Interest		877.7	100.0%



Shovel test locations with UTM associated with each. All of the shovel tests had an agricultural till zone over subsoil except for the Unit 5 southern ST which was disturbed to a depth of 50+ cm.

looking north

Appendix E—Scaled Topographic Map



1:24,000

0 0.2 0.4 0.8 mi
0 0.33 0.65 1.3 km

Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA,
EPA, USDA

Appendix F—LS 979 Revisit Site Form

Illinois Archaeological Site Recording Form

County LaSalle Site Name
Field No. LS 979 7.5' Quadrangle Ottawa County Site No. 979
Ownership Public Meridian 3 Township 33 N Range 4 E Section 8 Recorded 2026.01.08
WGS84 Latitude 41.348318 Longitude -88.784386 Site Area (sq. m) 551
UTM Nad83 Zone 16 UTM North 4,578,960 UTM East 350,721
Known Alternate Names

ENVIRONMENT

Topography Terrace Drainage Basin Lower Fox
Nearest Water Supply Illinois River Elevation (meters AMSL) 152
Soil Association Shadeland-Marseilles-High Gap-Hesch-Boone (s2293)
Description On a low ridge (part of Ottawa terrace) northwest of a bedrock/igneous cobble protrusion. The outcrop is less than 100 m away from the site. A low area is to the north with the artifact scatter extending slightly downslope. Limits corrected.

SURVEY

Project Name City of Ottawa DCEO Site Readiness Grant Project Type Phase I CRM
Ground Cover Cultivated Surface Visibility % 80
Survey Methods Pedestrian
Site Type Habitation Standing Structure ☐ N

SITE CONDITION

Extent of Damage Severe Main Cause of Damage Agriculture

MATERIALS OBSERVED

Survey Sampling Strategy Representative Sample Collection
Number of Prehistoric Artifacts (count or estimate) 16 Number of Historic Artifacts (count or estimate) 0
☐ N Prehistoric Diagnostic Artifacts ☐ N Historic Diagnostic Artifacts
☐ N Prehistoric Surface Features ☐ N Historic Surface Features
☐ N Prehistoric Buried Features Ave. Depth (cm) 0 ☐ N Historic Buried Features Ave. Depth (cm) 0

Description 10 Fire-cracked rock, 2 chert blocky, 1 chert flake, 2 ground stone-mano, 1 possible ground stone. Artifacts have a north-south alignment probably from plowing. Most artifacts are less than 5 cm in size. FCR was not collected.

TEMPORAL AFFILIATION

☒ Prehistoric Unknown	☐ Woodland	☐ Protohistoric	☐ Frontier Antebellum (1841-April 11, 1861)
☐ Paleoindian	☐ Early Woodland	☐ Historic Native American	☐ Civil War (April 12, 1861-April 9, 1865)
☐ Archaic	☐ Middle Woodland	☐ Historic (generic)	☐ Frontier Post-Civil War (April 10, 1865-1870)
☐ Early Archaic	☐ Late Woodland	☐ Colonial (1673-1780)	☐ Early Industrial (1871-1900)
☐ Middle Archaic	☐ Mississippian	☐ Pioneer (1781-1840)	☐ Urban Industrial (1901-1945)
☐ Late Archaic	☐ Upper Mississippian	☐ Frontier (generic; 1841-1870)	☐ Post-War (1946-present)

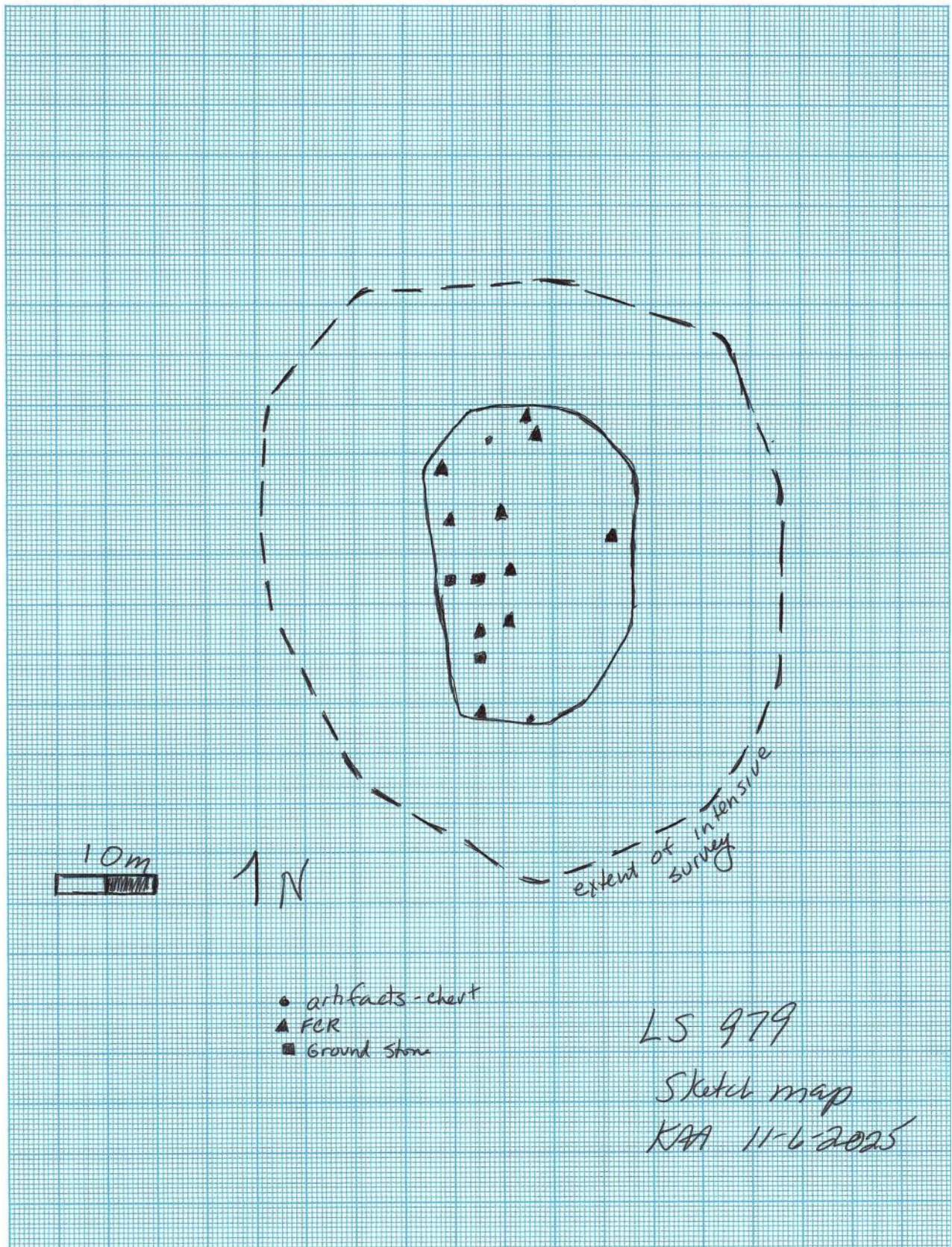
Description No diagnostics were present

Surveyor Karen Atwell Institution FAS Survey Date 2025.11.06 Curation Facility FAS
Form By Karen Atwell Institution FAS Report Date 2025.12.05 NRHP Listing N
SHPO Log No. SHPO 1st Survey Doc No.
Compliance Status HRP A N

Updated 2023.12.20

Farmland Archaeological Services

Field Map





GPS artifact distribution imported into Google Earth. Site limits are red, the intensive survey limits are in blue, and the 2003 site limits provided by ISM site files is pink. This aerial corresponds to the field map.

Site Description

The site was defined by the presence of artifacts scattered 31 m north-south and 19 m east-west on a slight ridge sloping downward to the north. This site had been previously recorded in 2003, so when artifacts were identified every row of standing corn was walked versus the every other row for the main survey. The intensive survey pattern was continued 15 m beyond any identified artifact. Even with the intensive survey only 16 artifacts were identified with good visibility. The artifacts are scattered linearly north-south, but this is probably the result of agricultural practices rather than prehistoric distribution. Position of artifacts was plotted with a GPS device. The shovel test excavated within the site showed an ag till zone over subsoil indicating an eroded soil profile. The surveyor from 2003 noted that bedrock is within a meter of the surface.

The artifacts consisted of 1 white chert flake, 1 white chert blocky fragment, 1 white chert nodule/blocky, 10 fire-cracked igneous rocks (FCR) and 3 groundstone. Two of the groundstone were also fire-cracked. All but two of the FCR were less than 10 cm in size. The groundstone were hand-stone sized. The chert flake and blocky



Example of survey visibility



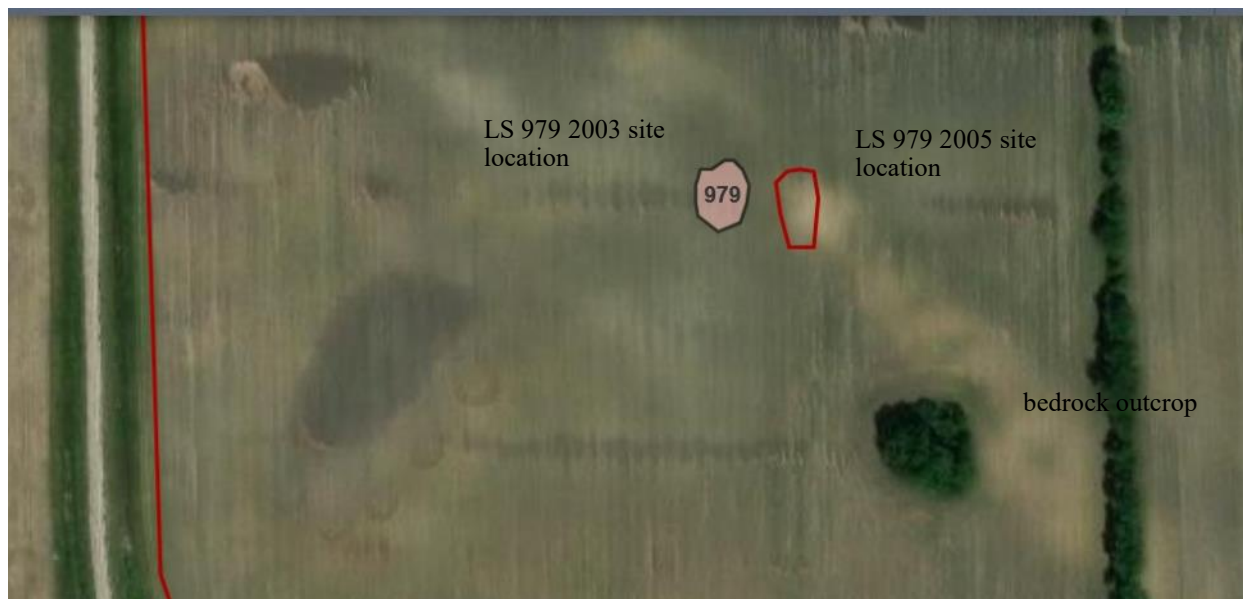
Fire-cracked ground stone near west side of site.



Large fire-cracked rock at north edge of site in lower topographic area.



Chert nodule/blocky fragment near center of site.



Aerial showing the 2003 site location, the 2025 site location and the bedrock outcropping to the



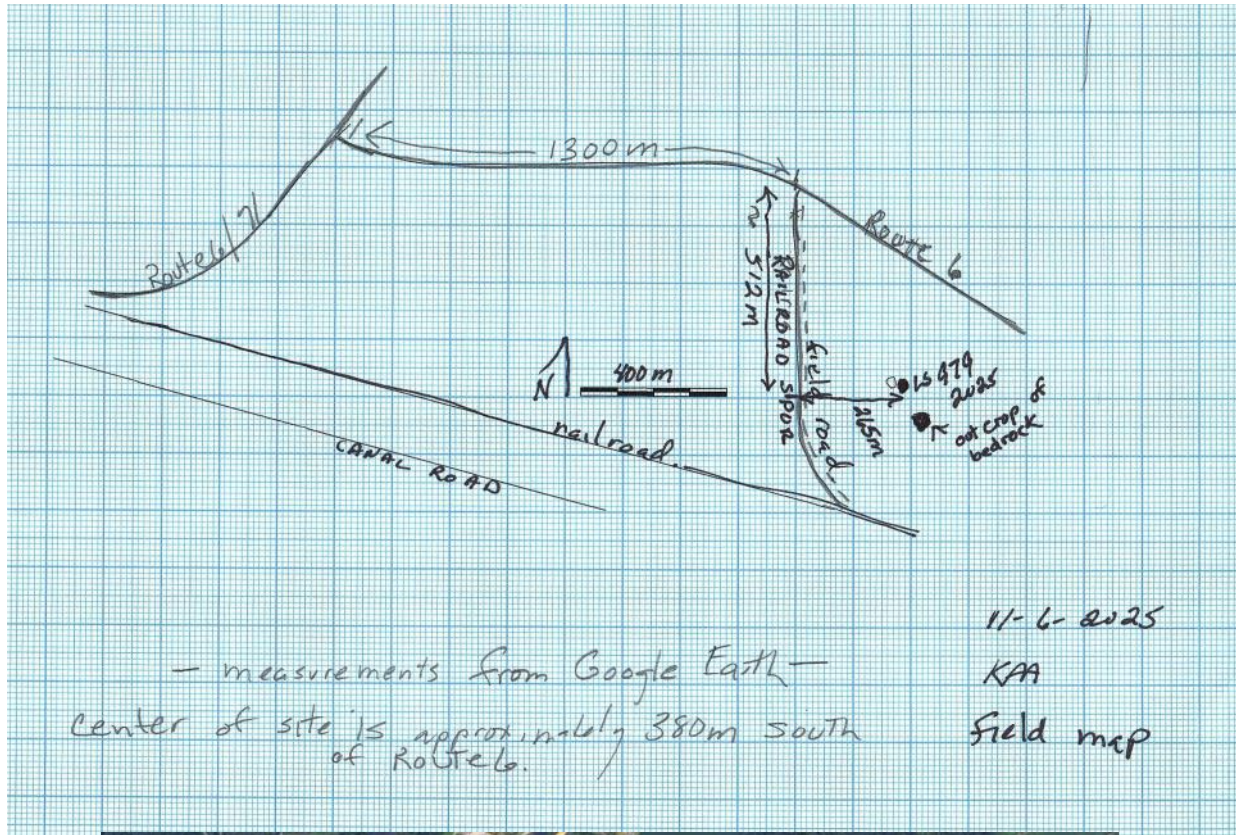
An example of the igneous cobbles present in the bedrock outcropping southeast of the LS979.

Site Description continued

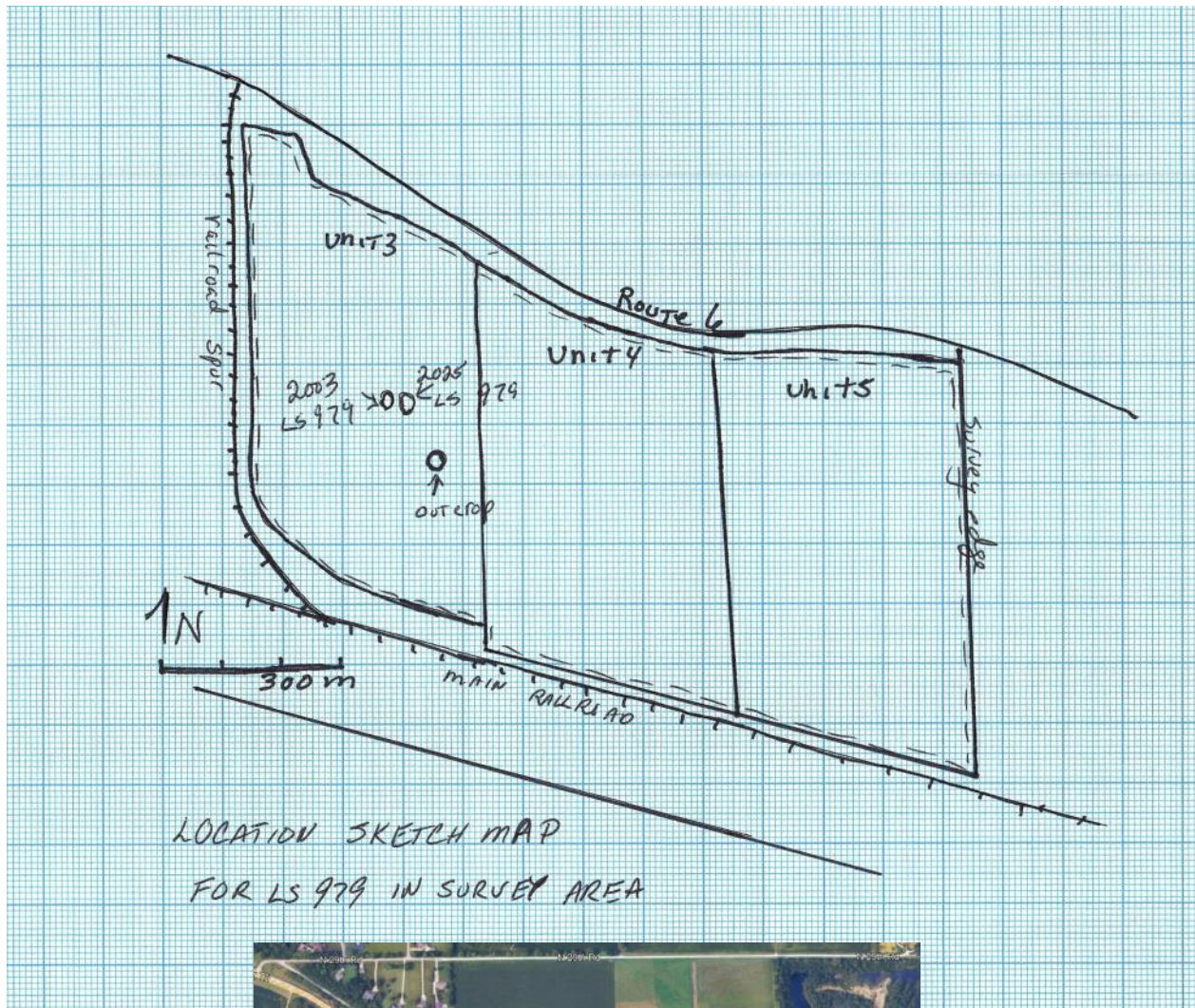
fragment were less than 5 cm in size, and the nodule was less than 10 cm. This assemblage is characteristic of a camp/activity area. The igneous cobbles would have been readily accessible from the bedrock outcropping less than 100 m to the southeast. Cobbles in that area vary in size from small to massive.

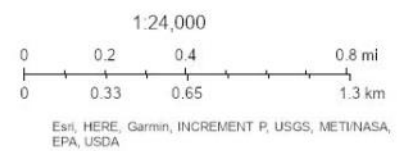
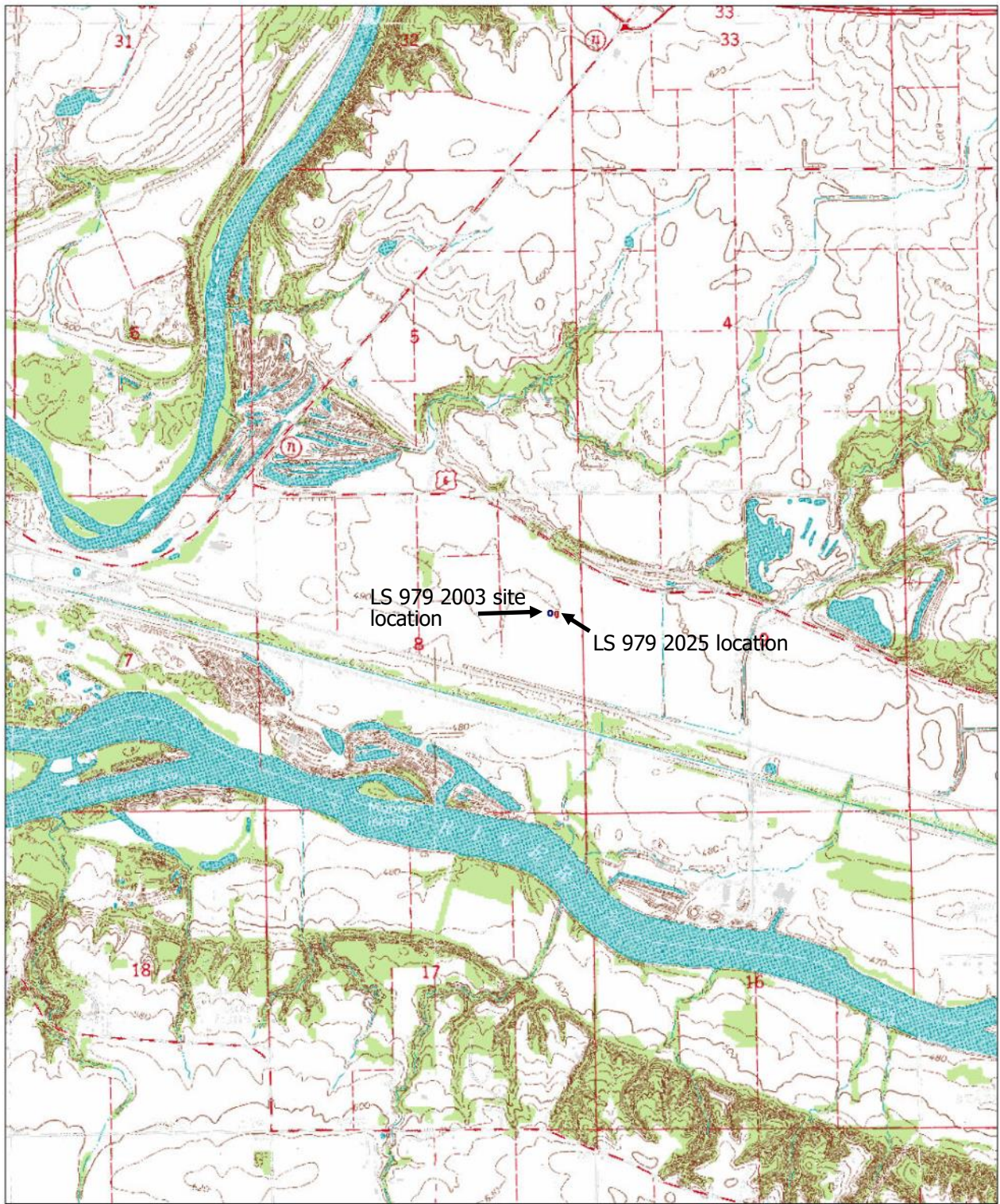
When the GPS data was imported into the IAS site GIS inventory the location of the artifacts did not overlap with the previously defined limits. It is assumed that is due to differences in recording versus two separate site areas. Instead of increasing the site size a correction of the location was completed because of the similar site size and shape between the two surveys. In addition, the first survey may have had a bias only recording the chert artifacts. With the chert artifacts removed, this survey identified more fire-cracked rock with only a few chert artifacts. Overall this sparse artifact assemblage points to short-term use during procurement activities on ridges within the Illinois River floodplain.

Line drawing of the site location in relation to the roads nearby. The closest intersection (Route 6 and Route 71 intersection) which is northwest of the site. A Google Earth Aerial corresponding to the line drawing is also included.



Line drawing of the site location within the survey area. It is located in Unit 3 to the northwest of a bedrock outcropping. A Google Earth Aerial corresponding to the line drawing is also included.





2003 Site Form

Illinois Archaeological Site Recording Form

County La Salle

Site Name

Field Number 3

State Site Number 979

7.5 min Quadrangle Ottawa

Recorded 2003.05.19

LEGAL DESCRIPTION (to quarter quarter section)

Align NE 1/4s SWNESENE

Sec: 8 Twp: 33 N Rng: 4 E

Align 1/4s

Sec: 0 Twp: 0 Rng: 0

Align 1/4s

Sec: 0 Twp: 0 Rng: 0

Align 1/4s

Sec: 0 Twp: 0 Rng: 0

U.T.M. Coordinates for site center: (to be provided by ISM)

U.T.M. Zone: 16

East U.T.M. 350685

North U.T.M. 4578751

NAD27

Ownership ☒ Private ☐ Public

ENVIRONMENT

Topography Terrace

Elevation(meters AMSL) 152

Nearest Water Supply Illinois River

Drainage Basin Upper Illinois

Soil Associations Derinda-Schapville-Elroy

Description At the NW end of a low ridge, trending NW-SE, formed by a high part of the Ottawa Terrace, ca. 100 m north of a copse where the bedrock is exposed at the surface. Overlooks a low area to the north. Bedrock is less than .5 m on this ridge.

SURVEY

Project Name Ottawa13

Site Area (square meters) 470

Ground Cover Stubble

Surface Visibility (%) 80

Survey Methods Pedestrian

Site Type Unknown

☐ Standing Structure

SITE CONDITION

Extent of Damage Moderate

Main Cause of Damage Agriculture

MATERIAL OBSERVED

Number of Prehistoric Artifacts (count or estimate) 12

Number of Historic Artifacts (count or estimate) 0

☐ Prehistoric Diagnostic Artifacts

☐ Historic Diagnostic Artifacts

☐ Prehistoric Surface Features

☐ Historic Surface Features

Description Four tertiary flakes white chert. Two secondary flakes white chert. Five chips of secondary flakes of white chert. One piece of blocky debris of white chert.

TEMPORAL AFFILIATION (check all that apply)

☒ Prehistoric Unknown

☐ Late Archaic

☐ Mississippian

☐ Colonial (1673-1780)

☐ Paleoindian

☐ Woodland

☐ Upper Mississippian

☐ Pioneer (1781-1840)

☐ Archaic

☐ Early Woodland

☐ Protohistoric

☐ Frontier (1841-1870)

☐ Early Archaic

☐ Middle Woodland

☐ Historic Native American

☐ Early Industrial (1871-1900)

☐ Middle Archaic

☐ Late Woodland

☐ Historic (generic)

☐ Urban Industrial (1901-1945)

☐ Post-War (1946-present)

Description No temporally diagnostic artifacts

Surveyor Rohrbaugh

Institution AC

Survey Date 5/14/03

Curation Facility AC

Site Report By Rohrbaugh

Institution AC

Date 5/15/03

IHPA Log No. 011041703

IHPA 1st Sur Doc No. 13304

Compliance Status Not Eligible

☐ NRHP Listing