
PHASE I ARCHAEOLOGICAL SURVEY FOR THE PROPOSED WEST ROAD (DAIRY RIDGE TO COUNTRY VIEW) PROJECT, DANE COUNTY

By: Jennifer L. Picard



University of Wisconsin-Milwaukee Cultural Resource Management

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Prepared by:
Jennifer L. Picard, MS



Jennifer L. Picard, MS. Principal Investigator

Report Prepared for:
City of Verona
Parks & Urban Forestry
111 Lincoln Street
Verona, WI 53593

University of Wisconsin-Milwaukee Cultural Resource Management
Archaeological Research Laboratory Center
Technical Memo No. TM2024-0500
UWM-CRM Project 2023-0675
July 2024

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CHAPTER 1. INTRODUCTION

Introduction

Pursuant to Section 106 of the National Historic Preservation Act, as amended, and Wisconsin State Statute § 44.40, the following report documents the results of Phase I archaeological survey for the proposed West Road (Dairy Ridge to Country View) project in the City of Verona, Dane County.

The methods and techniques used during the study followed those standards promulgated in the *Secretary of Interior's Standards and Guidelines for Archeology and Historic Preservation* and the *Guide for Public Archaeology in Wisconsin*. The use of these documents as guides for historic preservation planning is endorsed by the Wisconsin State Historic Preservation Office (SHPO).

UWM-CRM personnel conducted Phase I survey of the project area in June of 2024. The project area was subject to shovel testing, pedestrian survey, and walk over/visual inspection. A large portion of the project

area consisted of a wetland. Evidence of three archaeological sites was encountered: 47DA0852, 47DA0853, and newly identified site 47DA1609 Sugar River Wetland Scatter. Sites 47DA0852 and 47DA1609 Sugar River Wetland Scatter do not meet the criteria listing on the National Register of Historic Places (NRHP), and no additional investigations are recommended for these sites.

Site 47DA0853 shows evidence of a Late Archaic component located at the edge of the wetland. This site may meet the criteria for listing on the NRHP. Avoidance of this site area is recommended. If avoidance is not possible, further investigations may be necessary.

Project Location

The project is located in Township 6 North Range 8 East Sections 8, 17, 18 in Dane County (Figure 1-1).

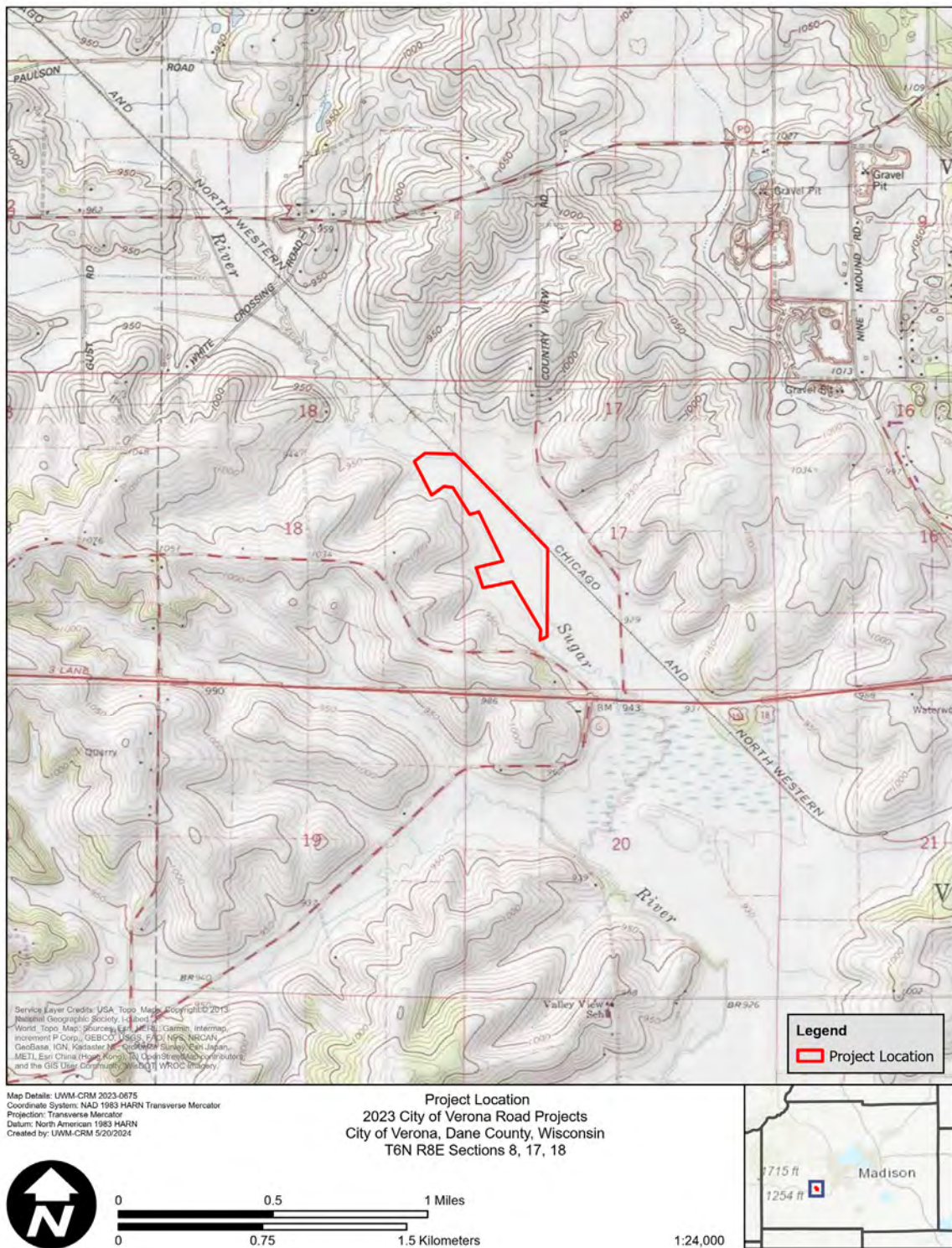


Figure 1-1. Project location.

CHAPTER 2. RESULTS OF THE ARCHAEOLOGICAL INVESTIGATIONS

Introduction

In June of 2024, UWM-CRM personnel conducted Phase I archaeological survey for the proposed West Road (Dairy Ridge to Country View) project in the City of Verona, Dane County. The survey was conducted on behalf of the City of Verona in order to fulfill requirements under Section 106 of the National Historic Preservation Act.

Literature Review

Prior to the commencement of fieldwork, UWM-CRM conducted a literature search and identified all sites within one-mile and coincident with the project area (Figure 2-1). There are 13 previously recorded sites located within one mile of the project area (Figure 2-1, Table 2-1) and there are two previously recorded sites coincident with the project area (Figure 2-2, Table 2-1).

47DA0852 Unnamed Site

Site 47DA0852 is an Unknown Precontact lithic scatter identified by the presence of one chert flake and a single chert scraper. The site is located 120 meters west of the Sugar River and was originally identified in 1990 (WHPD 2024a).

47DA0853 Unnamed Site

Site 47DA0853 is a Postcontact Euro-American foundation/depression site originally identified in 1990. It is defined by “two areas of grass and rock rubble” (WHPD 2024b).

Phase I Archaeological Survey

A total of 48.8 acres were subject to Phase I archaeological survey (Figure 2-3, Figure 2-4-Figure 2-7). Survey methods included pedestrian survey (5.1 acres) and shovel testing (1.9 acres). One acre was observed to be steeply sloped, and the remaining 40.8 acres consisted of a large wetland. Evidence of 47DA0852, 47DA0853, and previously unidentified site 47DA1609 was identified.

47DA0852 Unnamed Site

Though the majority of the mapped site 47DA0852 was located in a wetland area, small areas of dry land immediately adjacent were subject to pedestrian and shovel test survey. A single heat-treated chert retouch flake was found in the pedestrian-surveyed area southwest of the 47DA0852 site boundary. The site boundaries should be modified to encompass this find (Figure 2-10).

47DA0853 Unnamed Site

Pedestrian survey at a 5 meter interval was conducted along the eastern edge of 47DA0853. During the course of this pedestrian survey, a projectile point similar to the Late Archaic Matanzas and Table Rock types (Figure 2-8, Figure 2-9) was observed just outside the project APE, along with three debitage fragments (Justice 2002). These artifacts were documented but not collected given their location outside the APE.

In addition to expanding the site boundary (Figure 2-10), these finds add a Precontact/

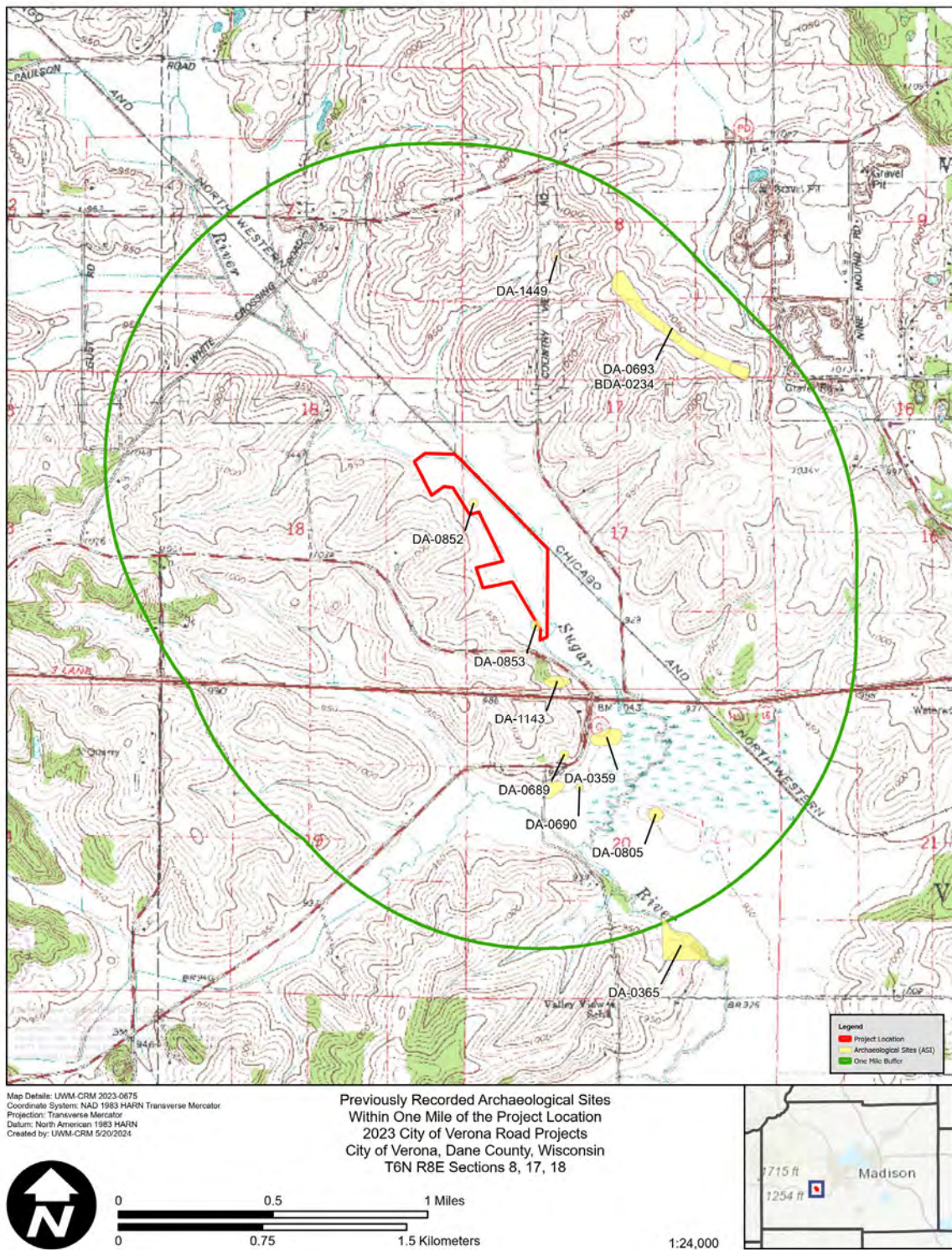


Figure 2-1. Archaeological sites within one mile of the project area.



Figure 2-2. Previously recorded archaeological sites coincident with the project area.

Table 2-1. Archaeological Sites within and within One Mile of the Project Area.

Archaeological Sites Coincident with the Project Area				
Smithsonian Code	Burial Code	Site Name	Site Type	Culture
DA-0852			Lithic scatter	Unknown Precontact
DA-0853			Foundation/depression	Postcontact Euro-American
Archaeological Sites within One Mile				
Smithsonian Code	Burial Code	Site Name	Site Type	Culture
	BDA-0619	Natural Path Sanctuary	Cemetery/burial	Postcontact Euro-American
DA-0359		Goth	Campsite/village	Unknown Precontact
DA-0365		Zink 1	Campsite/village	Unknown Precontact
DA-0366		Zink 2	Campsite/village	Unknown Precontact
DA-0689		Terrace	Isolated finds	Unknown Precontact
DA-0690		Fish	Isolated finds	Unknown Precontact
DA-0693	BDA-0234	Nine Mounds	Mound(s) - Conical;Mound(s) - Effigy	Woodland
DA-0805		Marsh and R. R.	Isolated finds; Lithic scatter	Unknown Precontact
DA-1143		G Farmstead	Farmstead	Postcontact Euro-American
DA-1156		Junction of P & M	Unknown	Unknown
DA-1322		Mauer I	Lithic scatter	Unknown Precontact
DA-1323		Mauer II	Lithic scatter	Unknown Precontact
DA-1449		Lehman	Lithic scatter	Unknown Precontact

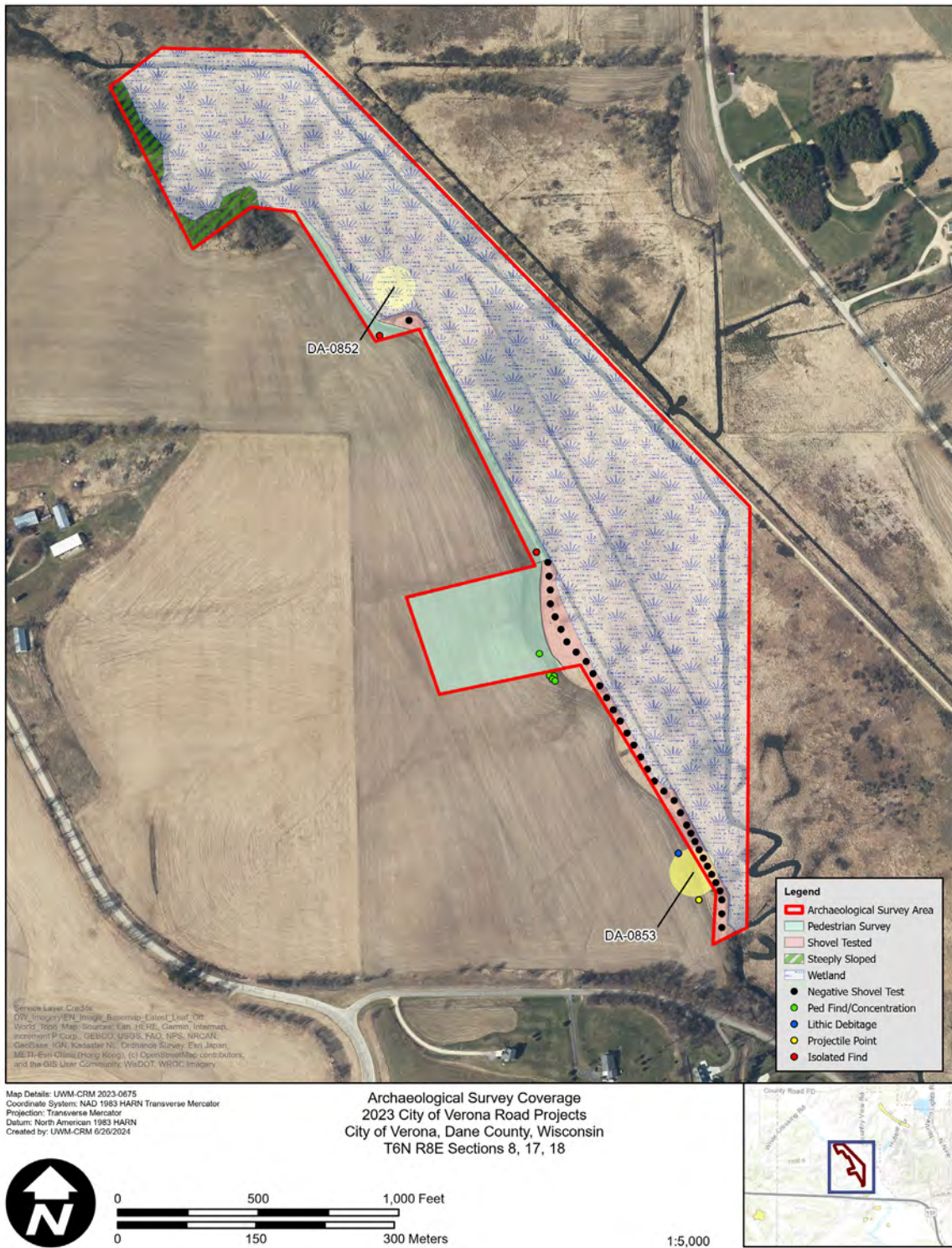


Figure 2-3. Map of the survey coverage.



Figure 2-4. Pedestrian survey in agricultural field in western portion of project area, near area of 47DA1609. View to the east. (2023-0675_2024-06-10_CMF (2).JPG)



Figure 2-5. Shovel testing in southern portion of project area. View to the east. (2023-0675_2024-06-10_CMF (27).JPG)



Figure 2-6. Wetland area directly adjacent to 47DA0852 site boundary. View to the north. (2023-0675_2024-06-10_CMF (37).JPG)



Figure 2-7. Overview of 47DA0853. View north. (2023-0675_2024-06-11_CMF (4).JPG)



Figure 2-8. Projectile point identified in site 47DA0853, in-situ. (2023-0675_2024-06-11_CMF (7).JPG)



Figure 2-9. Projectile point identified in site 47DA0853. (2023-0675_2024-06-11_CMF (8).JPG)

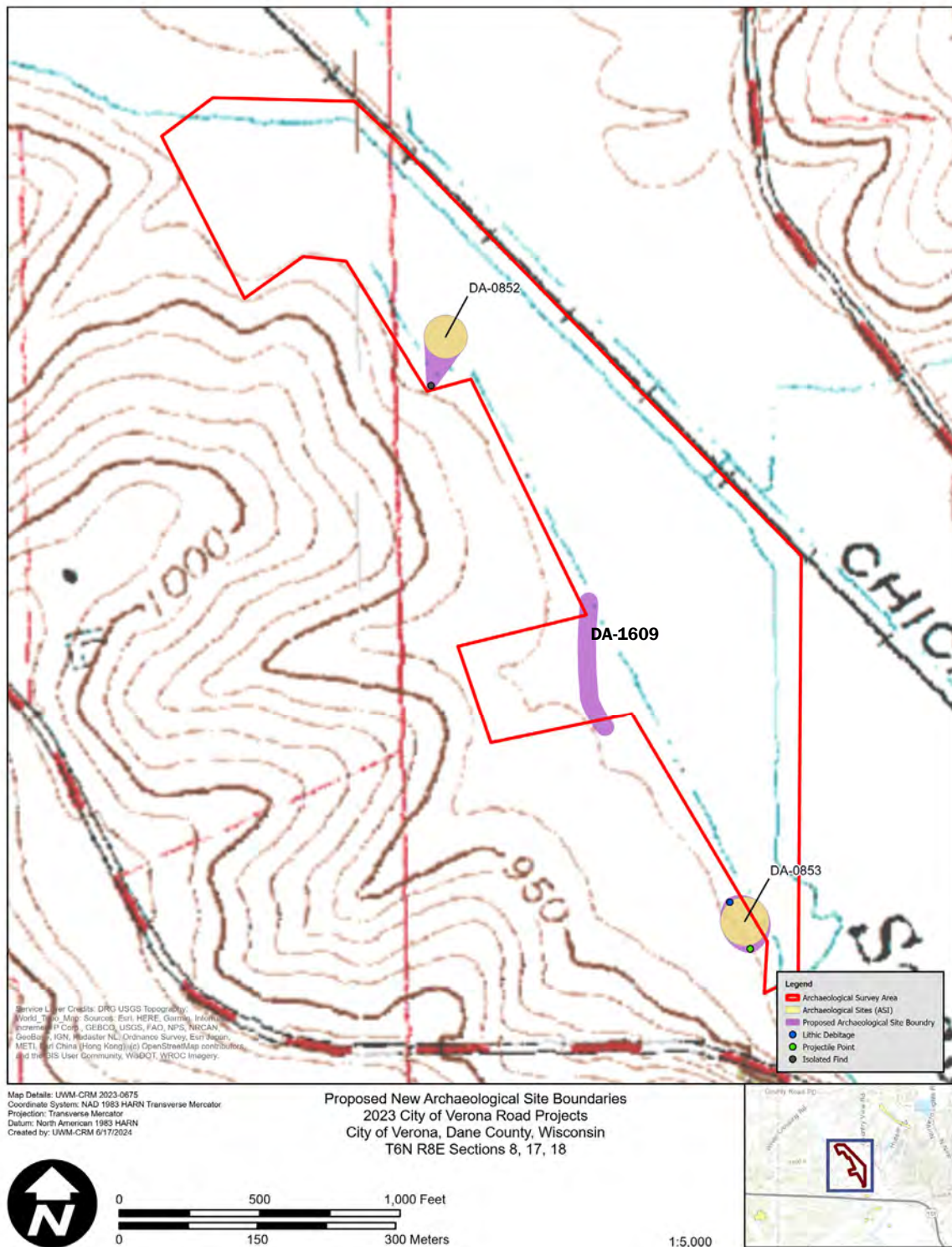


Figure 2-10. Map of expanded site boundaries and new archaeological site 47DA1609.

Late Archaic period component to site 47DA0853.

47DA1609 Sugar River Wetland Scatter

During pedestrian survey near the western limit of the project APE, a lithic scatter was encountered. This site has been assigned number 47DA1609. This scatter consisted of 16 artifacts, consisting entirely of lithic debitage. Soils adjacent to this area consisted of a 10YR 2/2 silt (0-30 cmbs) over a 10YR 2/1 silt (30-55 cmbs). The water table was encountered at 55 cmbs, along with a gley soil.

Though no diagnostic lithics were identified, the scatter notably contained flakes of less-common raw materials, including Shakopee PDC, silicified sandstone/orthoquartzite (possible Hixton), and a fine orange/white chert that resembled Burlington.

Discussion

Phase I archaeological survey for the proposed West Road (Dairy Ridge to Country View) project encountered evidence of three archaeological sites: 47DA0852, 47DA0853, and newly identified site 47DA1609 Sugar River Wetland Scatter. Sites 47DA0852 and 47DA1609 Sugar River Wetland Scatter do not meet the criteria listing on the National Register of Historic Places (NRHP), and no additional investigations are recommended for these sites.

Site 47DA0853 shows evidence of a Late Archaic component located at the edge of the wetland. This site may meet the criteria for listing on the NRHP. Avoidance of this site area is recommended. If avoidance is not possible, further investigations may be necessary.

CHAPTER 3. SUMMARY AND RECOMMENDATIONS

Summary

Pursuant to Section 106 of the National Historic Preservation Act, as amended, and Wisconsin State Statute § 44.40, UWM-CRM conducted Phase I archaeological survey for the proposed West Road (Dairy Ridge to Country View) project in the City of Verona, Dane County. The project area was subject to shovel testing, pedestrian survey, and walk over/visual inspection. A large portion of the project area consisted of a wetland.

Recommendations

Phase I archaeological survey for the proposed West Road (Dairy Ridge to Country View) project encountered evidence of three archaeological sites: 47DA0852, 47DA0853,

and newly identified site 47DA1609 Sugar River Wetland Scatter. Sites 47DA0852 and 47DA1609 Sugar River Wetland Scatter do not meet the criteria listing on the National Register of Historic Places (NRHP), and no additional investigations are recommended for these sites.

Site 47DA0853 shows evidence of a Late Archaic component located at the edge of the wetland. This site may meet the criteria for listing on the NRHP. Avoidance of this site area is recommended. If avoidance is not possible, further investigations may be necessary.

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REFERENCES

Wisconsin Historic Preservation Database

2024a Electronic resource, <https://www.wisahrd.org/ASI/Sites/Primary.aspx?id=21655>, accessed June 1, 2024.

2024b Electronic resource, <https://www.wisahrd.org/ASI/Sites/Primary.aspx?id=21656>, accessed June 1, 2024.

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Appendix A. New Site Entry Form - 47DA1609

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WHPD Archaeological Site Inventory

<https://www.wisahrd.org/ASI/Sites/Print.aspx?id=100803>

Primary Info									
State Site #	DA-1609								
Name	Sugar River Wetland Scatter								
Other Name									
Field #									
ASI #	100803								
Location Information									
County	Dane								
Municipality	Verona								
Civil Town									
Location Description	Site is located in an agricultural field at the edge of a wetland, 200 meters west of the Sugar River and 600 meters north of USH 18.								
PLSS	Township	Range	Direction	Section	QSection	Grid Alignment	French Lot	Gov. Lot	
	6	8	E	17					
UTM Info	UTM Method			UTM Zone		Easting		Northing	
	Interpolated from topo map			16		289647		4763262	
USGS 7.5' Quad Info	VERONA								
Parcel ID									
Site Description									
Site Description	The site consists of a scatter of 16 pieces of lithic debitage. . Though no diagnostic lithics were identified, the scatter notably contained flakes of less-common raw materials, including Shakopee PDC, silicified sandstone/orthoquartzite (possible Hixton), and a fine orange/white chert that resembled Burlington.								
Site Dimensions (feet)						Site Area (acres)	0.78		
Site Dimensions (meters)	30 x 10 meters					Site Area (hectares)			
Site Type	Lithic scatter								
Cultural Info	Culture					Certainty			
	Unknown Prehistoric					Definite			
Investigation Type	Surface Survey								
Archaeological Phase/Complex									
Tribe/Ethnic Group									
Site Status									
Covenant									
Site Characteristics									
Modern Landuse	Agriculture								
Degree of Disturbance	Minimal								
Impacts to Sites	Agricultural								
Burial Site Info									
Add									
National Register Info									
Other Eligibility Evaluation									
Individual Eligibility Evaluation									
Proposed Historic District									
Contributing									
Evaluation Date									
Eligibility Comments									
Ownership									
Add									

WHPD Archaeological Site Inventory

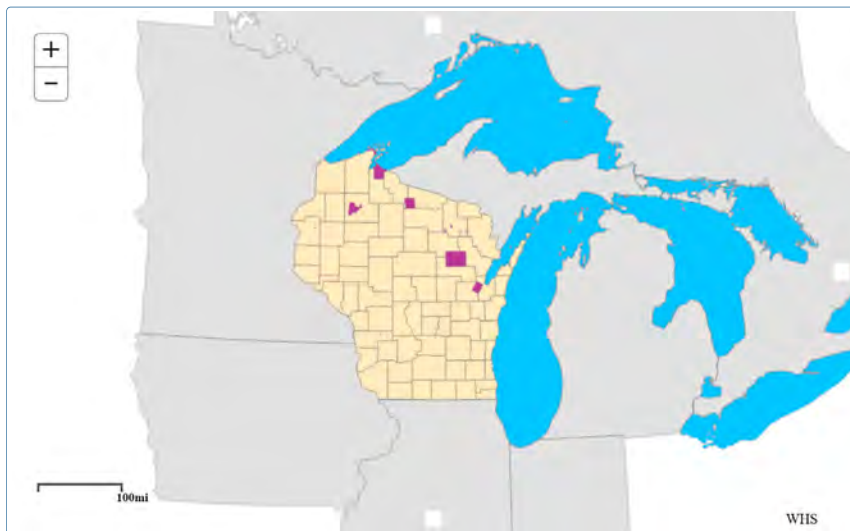
<https://www.wisahrd.org/ASI/Sites/Print.aspx?id=100803>

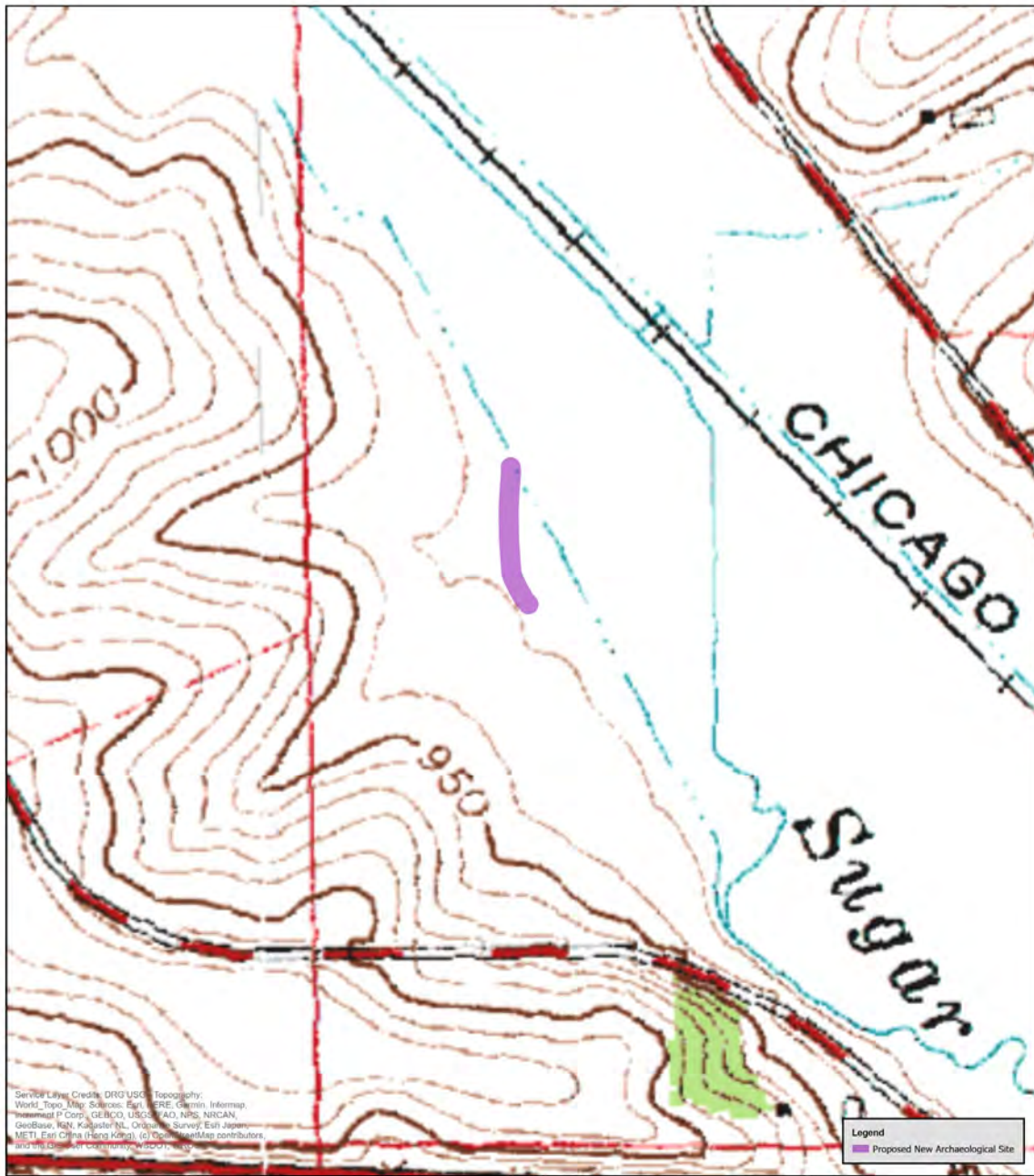
Artifact Info	
Artifact Repository	UW-Milwaukee
Material Class	Debitage
Artifact List	16 pieces of lithic debitage.
Date of Site	
Dating Method	

Investigator Info			
Investigator	Organization	Date	Recommendation
Curran Fitzgerald	UW-Milwaukee Archaeological Research Laboratory	6/10/2024	No Additional Investigation

Site Reporter Info	
Reporter	Jennifer Picard
Organization	UW-Milwaukee Archaeological Research Laboratory
Date Reported	7/2/2024
Bibliography	

Tracking Info		
WHS Project #	ARI #	Reason For Reporting

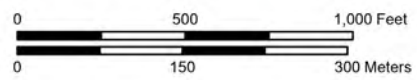




Service Layer Credits: DRG USGS Topography, World Topo Map, Sotocross, Esri, HERE, Garmin, Informa, Swisstopo, P. Cram, GEBCO, USGS, NOAA, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, Swisstopo, Imagery © Mapbox © OpenStreetMap contributors, Imagery © Mapbox © OpenStreetMap contributors

Map Details: UWM-CRM 2023-0675
Coordinate System: NAD 1983 HARN Transverse Mercator
Projection: Transverse Mercator
Datum: North American 1983 HARN
Created by: UWM-CRM 6/17/2024

Proposed New Archaeological Site Boundaries
2023 City of Verona Road Projects
City of Verona, Dane County, Wisconsin
T6N R8E Sections 8, 17, 18



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Appendix B. ASI Updates.

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Wisconsin ASI Update/Correction Form

Site# 47-DA-0852 Burial Site# _____ Field Number# VE-5 County Dane

Site Name (limit 25 characters) _____ Other Name _____

Civil Town(s) Verona Town # 6 North Range# 8 East Section# 17

USGS Quad Name Verona

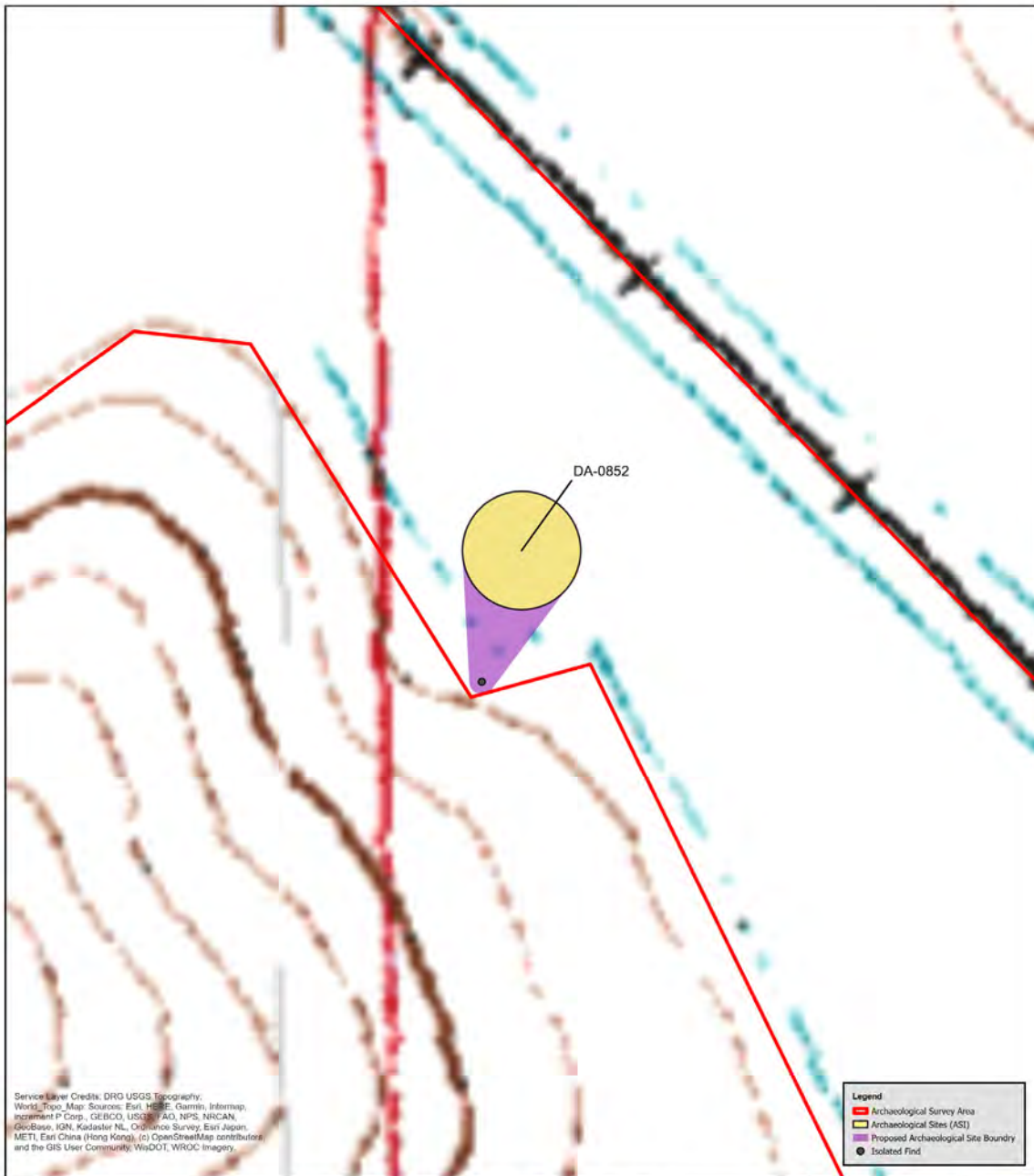
Please refer to the ASI form and provide the appropriate headings for the correction or new information. Examples of headings are: QUARTER SECTIONS, USGS MAP, SITE DESCRIPTION, and BIBLIOGRAPHIC REFERENCES. Provide a justification or reference for any new information. When appropriate, attach a sketch map and copy of USGS quad showing revised location of site.

HEADING(S) AND NATURE OF CORRECTION/UPDATE:

In June of 2024, UWM-CRM conducted Phase I archaeological survey of a portion of 47DA0852 and adjacent areas. Survey methods included pedestrian and shovel test survey. A single heat-treated chert retouch flake was found in the pedestrian-surveyed area southwest of the 47DA0852 site boundary. The site boundaries should be modified to encompass this find.

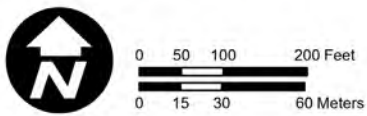
Investigator Curran Fitzgerald Affiliation UWM-CRM Date 6/10/2024
 Submitted by Jennifer Picard Affiliation UWM-CRM Date 7/2/2024

FOR WHS	<input type="checkbox"/> ASI# _____	<input type="checkbox"/> CHK'D _____	<input type="checkbox"/> GIS ENTRY _____	
OFFICE USE:	<input type="checkbox"/> GIS ENTRY CHK'D _____	<input type="checkbox"/> ENTER _____	<input type="checkbox"/> ENTRY CHK'D _____	HP-00-000 (rev. 08/2002)



Map Details: UWM-CRM 2023-0675
Coordinate System: NAD 1983 HARN Transverse Mercator
Projection: Transverse Mercator
Datum: North American 1983 HARN
Created by: UWM-CRM 6/17/2024

Proposed New Archaeological Site Boundaries
2023 City of Verona Road Projects
City of Verona, Dane County, Wisconsin
T6N R8E Sections 8, 17, 18



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Wisconsin ASI Update/Correction Form

Site# 47-DA-0853 Burial Site# _____ Field Number# VE-6 County Dane

Site Name (limit 25 characters) _____ Other Name _____

Civil Town(s) Verona Town # 6 North Range# 8 East Section# 17

USGS Quad Name Verona

Please refer to the ASI form and provide the appropriate headings for the correction or new information. Examples of headings are: QUARTER SECTIONS, USGS MAP, SITE DESCRIPTION, and BIBLIOGRAPHIC REFERENCES. Provide a justification or reference for any new information. When appropriate, attach a sketch map and copy of USGS quad showing revised location of site.

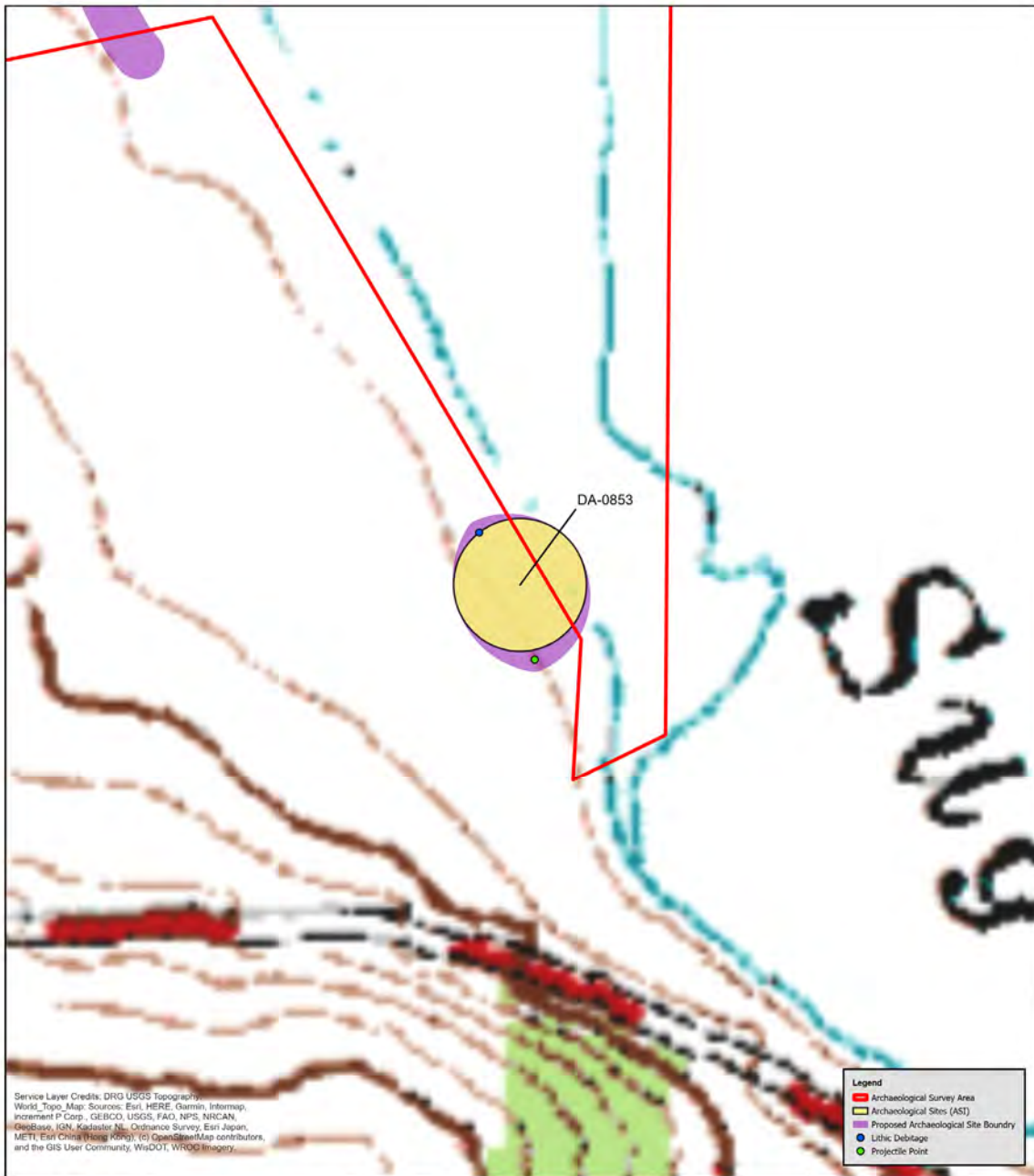
HEADING(S) AND NATURE OF CORRECTION/UPDATE:

In June of 2024, UWM-CRM personnel conducted Phase I archaeological survey within a portion of DA-0853 and adjacent areas. Survey methods consisted of pedestrian survey/surface collection. During the course of this pedestrian survey, a projectile point similar to the Late Archaic Matanzas and Table Rock types was observed, along with three debitage fragments.

In addition to expanding the site boundary, these finds add a Precontact/Late Archaic period component to site 47DA0853.

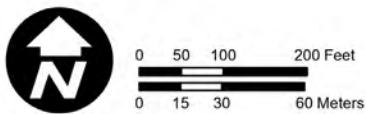
Investigator Curran Fitzgerald Affiliation UWM-CRM Date 6/11/2024
 Submitted by Jennifer Picard Affiliation UWM-CRM Date 6/11/2024

FOR WHS	<input type="checkbox"/> ASI# _____	<input type="checkbox"/> CHK'D _____	<input type="checkbox"/> GIS ENTRY _____	
OFFICE USE:	<input type="checkbox"/> GIS ENTRY CHK'D _____	<input type="checkbox"/> ENTER _____	<input type="checkbox"/> ENTRY CHK'D _____	HP-00-000 (rev. 08/2002)



Map Details: UWM-CRM 2023-0675
 Coordinate System: NAD 1983 HARN Transverse Mercator
 Projection: Transverse Mercator
 Datum: North American 1983 HARN
 Created by: UWM-CRM 6/17/2024

Proposed New Archaeological Site Boundaries
 2023 City of Verona Road Projects
 City of Verona, Dane County, Wisconsin
 T6N R8E Sections 8, 17, 18



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Appendix C. ARI.

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ARCHAEOLOGICAL REPORTS INVENTORY FORM

WHS PROJECT # _____

COUNTY Dane

AUTHORS: Jennifer Picard

REPORT TITLE: Phase I Archaeological Survey for the Proposed West Road (Dairy Ridge to Country View) Project, Dane County

DATE OF REPORT (MONTH AND YEAR): July 2024

SERIES/NUMBER: UWM-CRM TM2024-0500

PLACE OF PUBLICATION: UW-Milwaukee Archaeological Research Laboratory Center

LOCATIONAL INFORMATION [LEGAL DESCRIPTION OF SURVEY AREA (T-R-S)]
T6N R8E Sections 8, 17, 18

U.S.G.S. QUAD MAP(S): Verona

SITE(S) INVESTIGATED: DA-0852; DA-0853; DA-1609

ACRES INVESTIGATED: 48.8

AGENCY # _____

INVESTIGATION TECHNIQUES COMPLETED (Check all that apply.)

- | | | |
|--|--|--|
| <input type="checkbox"/> Historical Research | <input checked="" type="checkbox"/> Surface Survey | <input type="checkbox"/> Geomorphology |
| <input type="checkbox"/> Interview/Informant | <input type="checkbox"/> Soil Core | <input type="checkbox"/> Underwater |
| <input type="checkbox"/> Records/Background | <input type="checkbox"/> Walk Over/Visual Inspection | <input type="checkbox"/> Avocational Survey |
| <input type="checkbox"/> Literature Background Research | <input type="checkbox"/> Mechanical Stripping | <input type="checkbox"/> Chance Encounter |
| <input type="checkbox"/> Traditional Knowledge | <input type="checkbox"/> Test Excavation/Phase II | <input type="checkbox"/> Osteological Analysis |
| <input type="checkbox"/> Monitoring | <input type="checkbox"/> Major Excavation/Phase III | <input type="checkbox"/> Faunal Analysis |
| <input checked="" type="checkbox"/> Shovel Testing/Probing | <input type="checkbox"/> Remote Sensing | <input type="checkbox"/> Floral Analysis |

ABSTRACT: Included in report Written in space below

Office of the State Archaeologist ARI # _____