

A Phase I Archaeological Investigation
CTH D
(Pearl Street Wolf River Bridge B-68-0425)
City of New London
Waupaca County, Wisconsin
Project ID #6837-03-00

SHSW Compliance Number 08-0955

Prepared for
Westbrook Associated Engineers, Inc.
619 E. Hoxie Street, PO Box 429
Spring Green, WI 53588
(608) 588-7866
Contact Person: Mike Carpenter

Prepared by
Archaeological Research, Inc.
Middleton, WI 53562
(608) 836-8677
www.arch-res.com

This document was prepared by David Keene, Ph.D., RPA
Field Work performed by David Keene
November 2008



Signature of Project Archaeologist, David Keene

Disclaimer/Warranty Statement

This Archaeological Study was completed for Westbrook Associated Engineers, Inc., on behalf of the Wisconsin Department of Transportation (WisDOT) and Federal Highway Administration (FHWA). This work is required under Sections 106 and 110 of the National Historic Preservation Act of 1966 (36 CFR 800), as amended. This project was conducted in compliance with the Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation as amended and annotated, Wisconsin Archaeological Survey Guidelines for Public Archaeology in Wisconsin as revised in 1997, and Chapters 44.40 and 157.70 of the Wisconsin Statutes.

EXECUTIVE SUMMARY/ABSTRACT

Phase I Archaeological Investigations were conducted on a bridge replacement project in the City of New London, Waupaca County, Wisconsin, by the staff of Archaeological Research, Inc. The Wisconsin Department of Transportation plans major reconstruction activity on this bridge. Background document search into the Wisconsin Historic Preservation Database suggests that two sites WP- 0038 and WP - 0083 were located on either side of the Wolf River near the location of the bridge. The entire project area has is covered over by urban construction. There were no intact ground surfaces upon which to conduct conventional archaeological testing. It appears that construction activity has radically altered the ground surface within the foot print of construction for this project.

DESCRIPTION OF UNDERTAKING

The client plans to reconstruction this bridge over the Wolf River.

PROJECT AREA and AREA OF POTENTIAL EFFECT

The segment of roadway is within the city of New London, Waupaca County, Wisconsin. The area of potential effect (APE) is the existing footprint of the roadway as outlined in Attachments 2.

The Engineering Firm, McMahon Associates, Inc., provided ARI with project location information including a site sketch delineating the location of the proposed project area and supporting information. **Attachment 2** is a summary of this information. Detailed engineering drawings of the entire project area were provided to the field team. The bridge is approximately 220 feet long by 40 feet wide. The area inspected was less than one acre.

For this project the APE for archaeological investigation has been determined to be the area of direct impact.

PROJECT LOCATION INFORMATION

The project area is located in the following section, township and range:

Waupaca County, Wisconsin
New London 7.5 Minute USGS Quadrangle
T22N, R14E, Section 12
Civil Township: Mukwa
(SEE ATTACHMENT 2)

BACKGROUND DOCUMENTARY and LITERATURE SEARCH

Please see attached Archaeological Literature and Records Review (Form DT 1459). In addition, at the direction of Sherman Banker, archaeologist for the State Historical Society of Wisconsin ARI project archaeologist examined reports filed at the State Historical Society on projects conducted near the current project area. Mr. Banker gave the current project a compliance number 08-0955.

AFFECTED ENVIRONMENT

It is necessary to understand the geomorphology and topography of the project area prior to conducting field investigations. Any such study necessitates a discussion of not only physiography, but also soils, drainage systems, and present land uses. These factors contribute to an understanding of what the prehistoric and historic landscape looked like at the time of site formation as compared to the present landscape.

Physiographic setting

Paull and Paull (1977), following Martin (1965), have divided Wisconsin into four physical provinces. These are the Northern Highland, the Central Plain, the Western Upland, and the Eastern Ridges and Lowlands (see **ATTACHMENT 1**). The project area is located in the Central Plain. Topographically this province is relatively flat with some rolling hills. Soils are predominately sandy and poorly drained. This province is the smallest in Wisconsin. Its most pronounced characteristic is the isolated sandstone mounds which pepper the landscape. In fact the landscape feature known as Friendship Mound on the northwest border of the project area is an example of these sandstone mounds. The project area is located within a broad vegetative zone dominated by a pine forest (Curtis 1959).

Drainage

The project area lies within the Wolf River watershed which drains into the Fox River System which drains into Lake Michigan.

Soils

Soils within the project area are classified as Urban Land.

GROUND COVER

The field survey was then conducted on 12 November, 2008 by David J. Keene, Ph.D., RPA for a total of 1 person days. The entire project area was urban streetscape there were no areas of undisturbed ground surface within the project area.

INVESTIGATION TECHNIQUE

Field methods consisted of an initial visual inspection of all areas. There were no areas available for shovel testing.

RESULTS

No archaeological materials were encountered during the course of this investigation. However, research into archaeological site files and historic documents suggest that two sites 47WP-0083 and 47WP-0038 were located on each side of the river immediately adjacent to the project area.

Concerning 47WP-0038 on the north side of the river the Wisconsin Historic Preservation Database states that "This site was located on the point of land formed by the junction of the Wolf and Embarrass Rivers on the north side of the Wolf River at New London." Concerning the condition of the site it states: "This site consists of an early 19th Century Menomoni village, associated with Chief Tomah (1752-1818)." No addition information is available on this site. Since the entire ground surface of the project area was urban land and covered with concrete it is impossible to draw any conclusions about the current condition of this site.

Concerning 47WP-0083 on the south side of the river, the Wisconsin Historic Preservation Database states that "This site is located on the south side of the

Wolf River at New London.” Concerning the condition of the site it states: “The site consists of a post-contact Menomoni village associated with Chief Tomah. Garden beds and a cemetery were said to be located in the vicinity.”

Three archaeological monitoring projects have been conducted within the boundaries of this site in the past two years. These investigations (Gregory 2007, 2008, Overstreet 2008) all failed to produce any artifacts associated with the reported site. However, soil boring in 2007 (Gregory 2007) suggest that much of the site has been disturbed or buried under at least 5 feet of fill. Since the entire ground surface of the project area was urban land and covered with concrete at the time of this current investigation it is impossible to draw any conclusions about the current condition of this site near the Pearl Street Bridge.

CONCLUSION

The field investigations and reported format were completed to meet the guidelines as set forth by the Wisconsin State Historic Preservation Office. No historic or prehistoric archaeological remains were encountered during the course of this investigation. Two sites 47-WP-0038 and 47-WP-0083 are immediately adjacent to the project area. Given the level of disturbance around this bridge it is unlikely that planned reconstruction activity will have any affect on the recorded archaeological resources.

If any unanticipated cultural resources are encountered during construction, construction activities will be halted in that location and appropriate authorities and specialists will be contacted immediately.

Bibliographic References Cited and Consulted

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ARCHAEOLOGICAL LITERATURE AND RECORDS REVIEW

DT1459 3/2003

Wisconsin Department of Transportation

PROJECT INFORMATION

| | | | |
|--------------------------|-------------------------|-------------------|-----------------------------------|
| Project ID 6837-03-00 | Highway/Street CTH D | County Waupaca | SHSW Compliance Number 08-0955 |
|--------------------------|-------------------------|-------------------|-----------------------------------|

Project Termini
City of New London, Pearl Street Wolf River Bridge B-68-0425

| | | |
|----------------------|---------------------------|----------------|
| Township(s) Mukwa | Town/Range T22N., R14E | Sections 12 |
|----------------------|---------------------------|----------------|

USGS Quadrangle(s)
New London

SOURCES RESEARCHED

See Continuation Sheet

| | | |
|--|--|---|
| <input checked="" type="checkbox"/> OSA USGS Maps | <input checked="" type="checkbox"/> Previous Surveys | <input checked="" type="checkbox"/> CEB Atlas |
| <input type="checkbox"/> WI Land Economic Inventory (WLEI) | <input checked="" type="checkbox"/> County History | <input checked="" type="checkbox"/> CEB Manuscripts |
| <input type="checkbox"/> Burial Sites Office | <input type="checkbox"/> Archival Maps: | |

| | | | |
|--|--------------|-----------|------|
| Publisher Michael Gregory GLARC on file WHS | Year 2008 | Publisher | Year |
|--|--------------|-----------|------|

| | | | |
|--|--------------|-----------|------|
| Publisher David Overstreet Report on file WHS | Year 2008 | Publisher | Year |
|--|--------------|-----------|------|

Other

SITES IN PROJECT AREA

See Continuation Sheet

| | | | |
|-----------------------|-------------|----------|--------------------|
| Total Number of Sites | Prehistoric | Historic | Cemeteries/Burials |
| | | 2 | 1 |

| | | |
|---------------------|--------------------------|--------------------------------|
| Code #47 WP-0038 | Type Campsite/Village | Affiliation Historic Indian |
|---------------------|--------------------------|--------------------------------|

| | | |
|---------------------|-----------------------------------|--------------------------------|
| Code #47 WP-0083 | Type Campsite/Village/Cemetery | Affiliation Historic Indian |
|---------------------|-----------------------------------|--------------------------------|

| | | |
|---------------|------|-------------|
| Code #47 - | Type | Affiliation |
|---------------|------|-------------|

SITES WITHIN ONE MILE OF THE PROJECT AREA

See Continuation Sheet

| | | | |
|-----------------------|-------------|----------|--------------------|
| Total Number of Sites | Prehistoric | Historic | Cemeteries/Burials |
| | 4 | | 4 |

| | | |
|---------------------|-------------------------|------------------------------------|
| Code #47 WP-0257 | Type Cemetery/Burial | Affiliation Unknown Prehistoric |
|---------------------|-------------------------|------------------------------------|

| | | |
|---------------------|-----------------------|------------------------------------|
| Code #47 WP-0082 | Type Mounds/Burial | Affiliation Unknown Prehistoric |
|---------------------|-----------------------|------------------------------------|

| | | |
|---------------------|----------------|------------------------------------|
| Code #47 OU-0030 | Type Mounds | Affiliation Unknown Prehistoric |
|---------------------|----------------|------------------------------------|

Sites Reported in the Project Area Sites Reported Within One Mile No Sites Reported in the Project Area

| | |
|--------------------------------------|--------------------|
| Research Conducted by David Keene | Date 10/13/2008 |
|--------------------------------------|--------------------|

I certify that the literature search was done according to the Wisconsin Survey Guidelines.

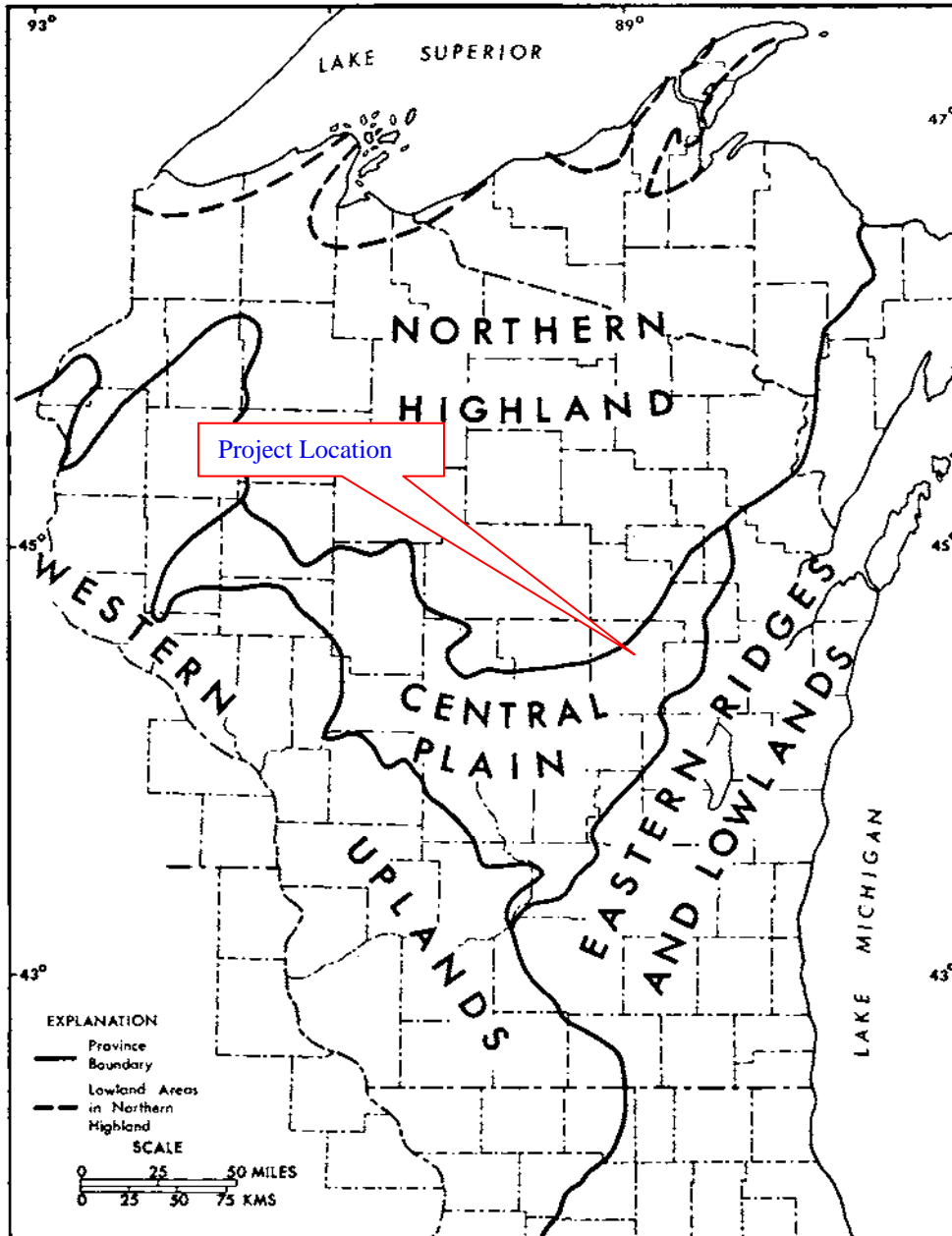
David Keene
(Print Name of Archaeologist)

Archaeological Research, Inc.
(Print Name of Firm or Institution)

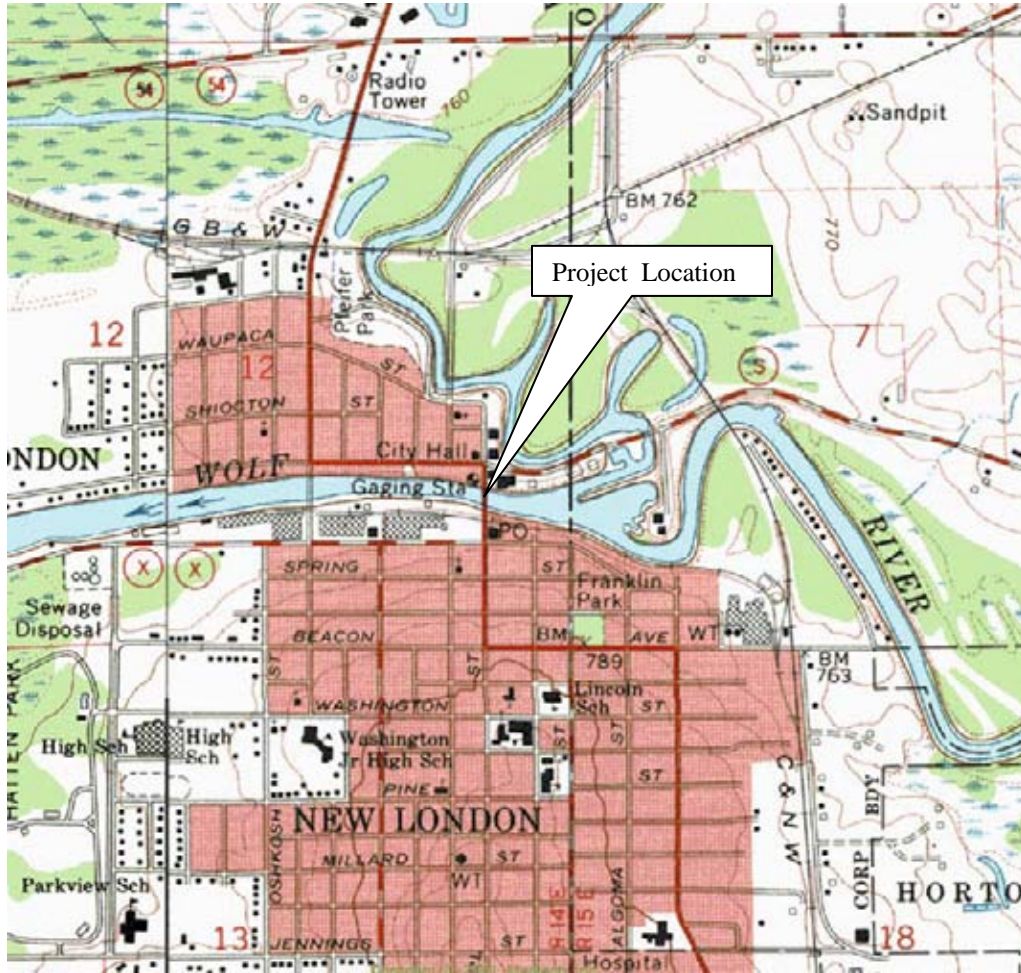
(Signature of Archaeologist) 

13 October 2008
(Date)

Attachment 1: Project Location Map



Attachment 2: Project Location Map



**Archaeological
 RESEARCH, INC.**

Waupaca County, Wisconsin
 New London 7.5 Minute USGS Quadrangle
 T22N,R14E, Section 12
 Civil Township: Mukwa

Map Date:
 Revised 1983

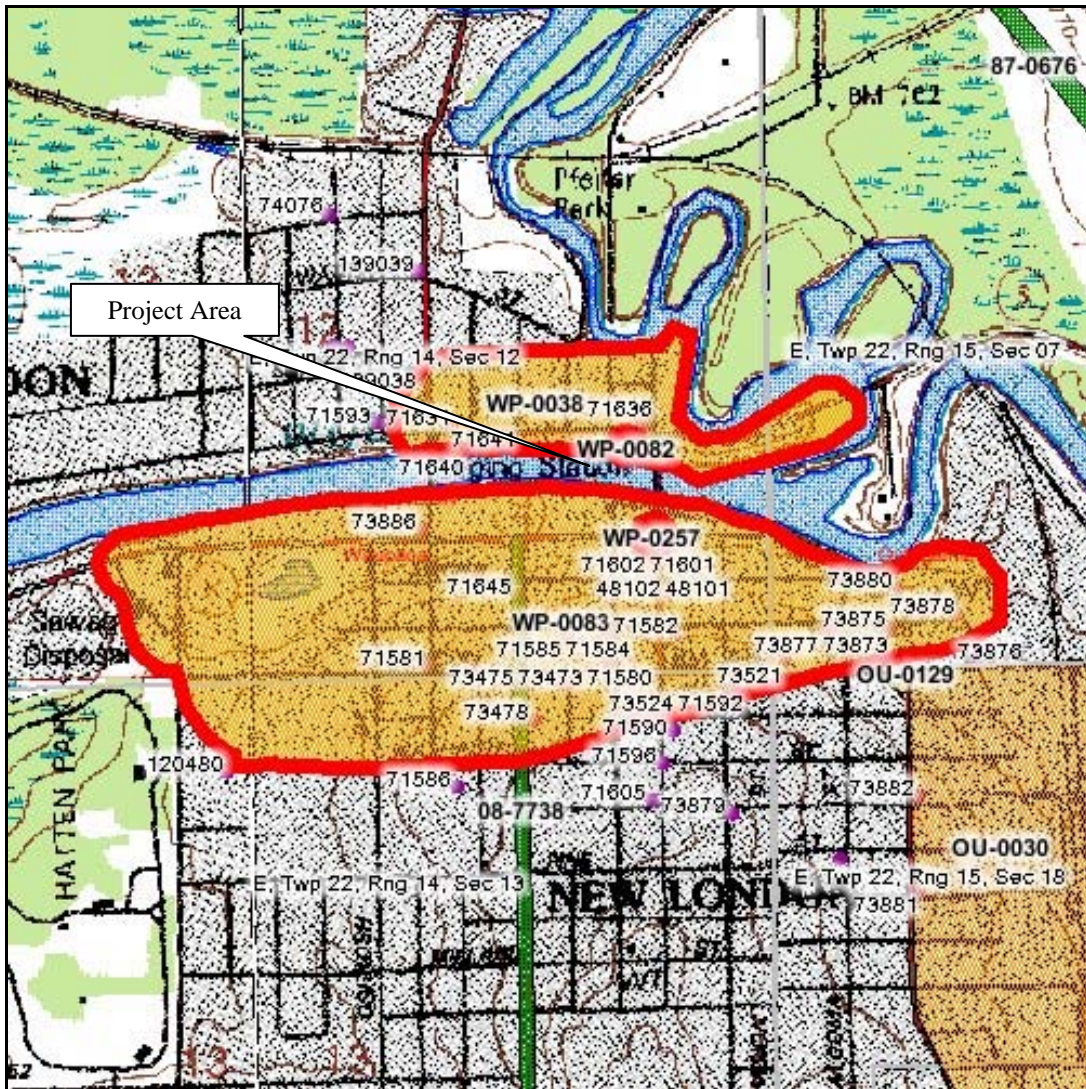
Scale:
 1: 24,000

Project No.:

Attachment 3. Project Location as provided by client

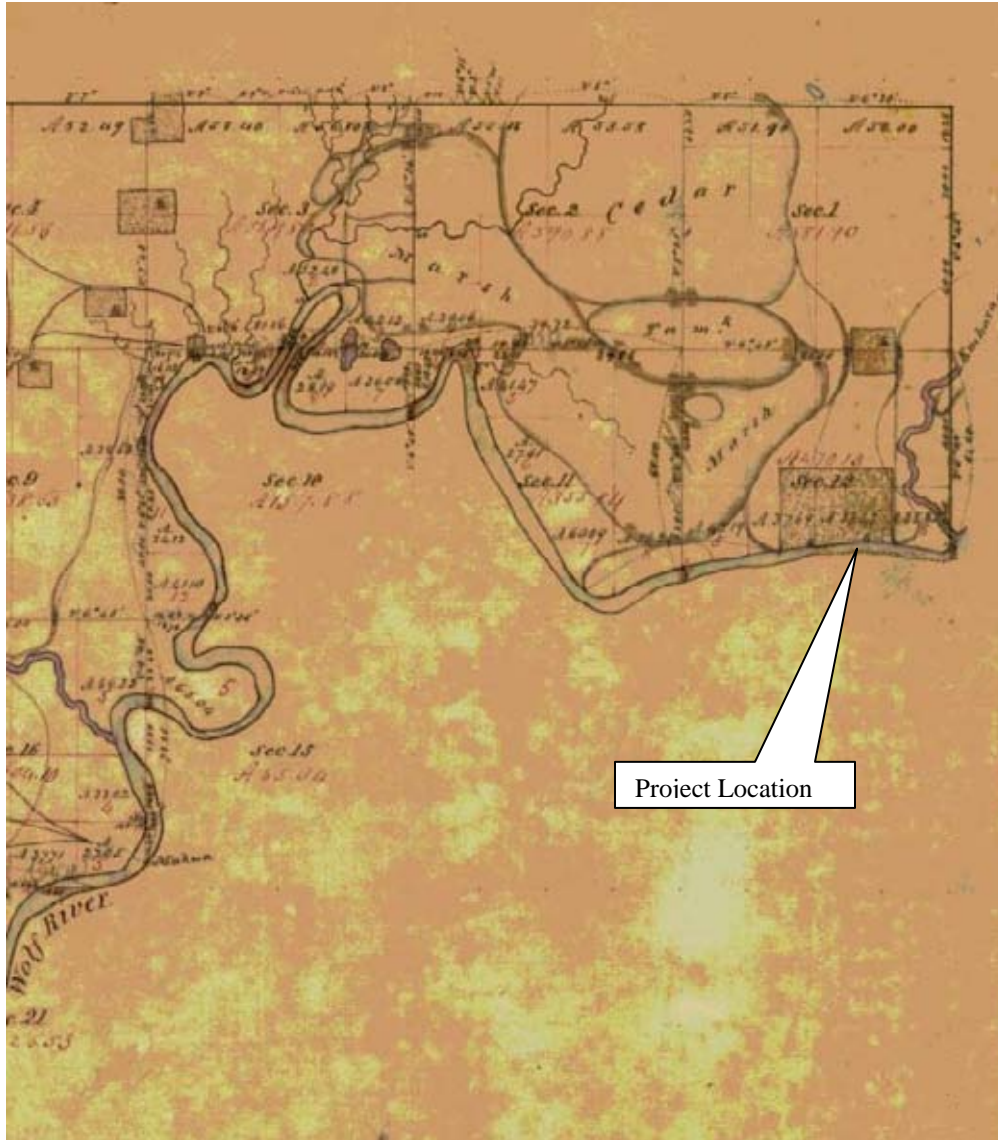


Attachment 4. Archaeological Sites within and near the project area



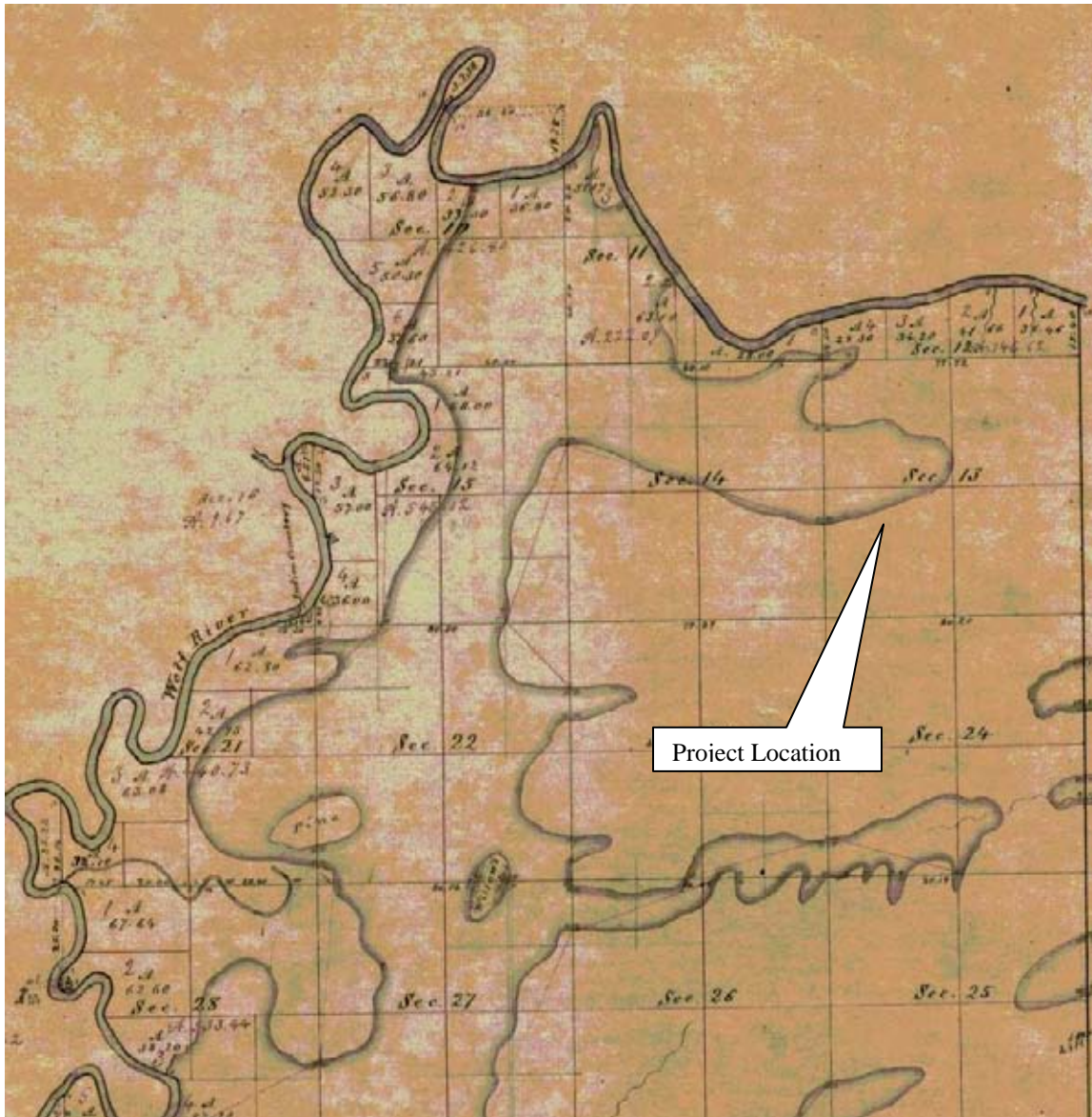
Source: Wisconsin Historic Site Database; Archaeological Site Inventory

Attachment 5. 1845 Public Land Survey showing project area



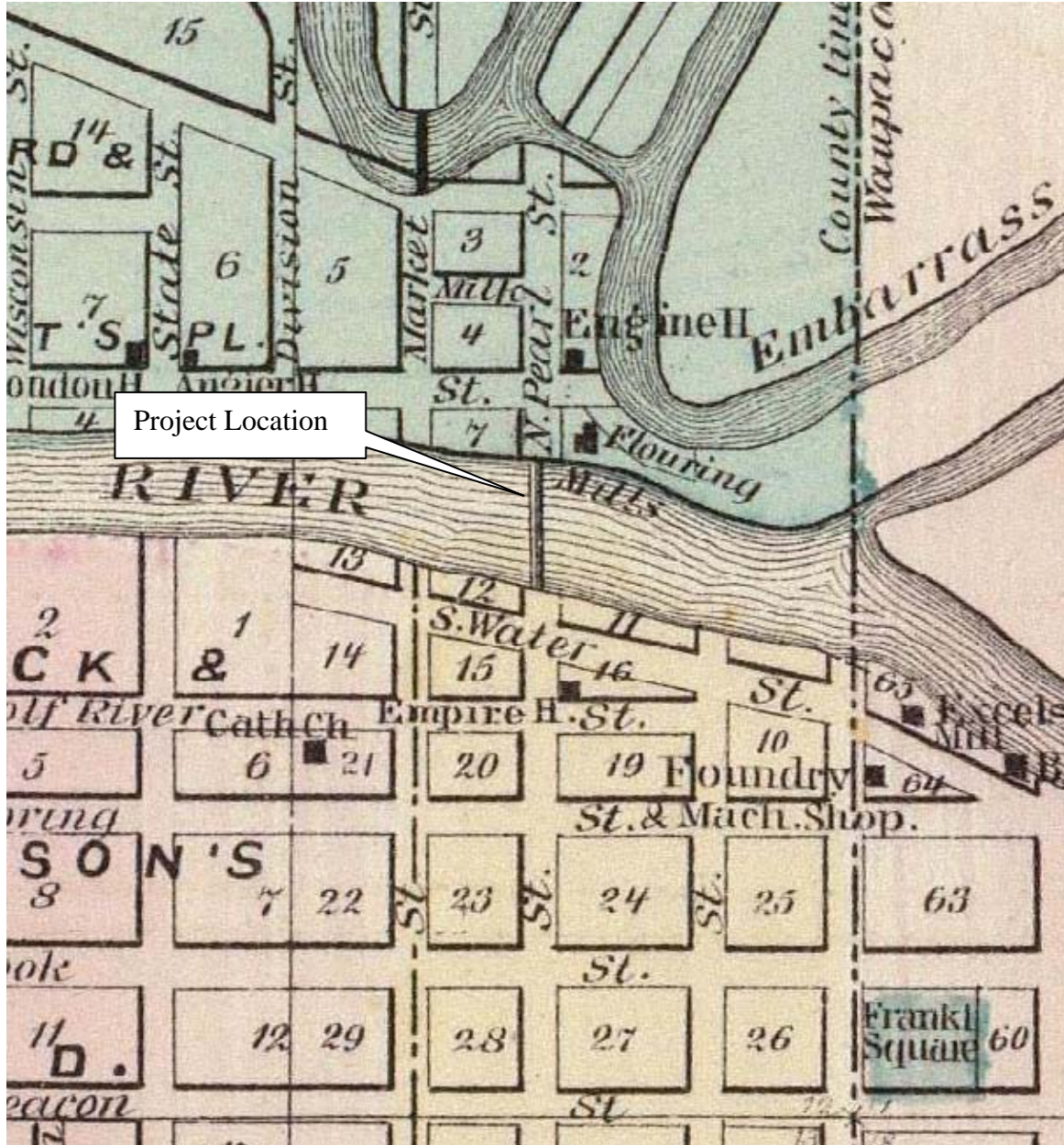
Source: Wisconsin Public Lands Survey Records
<http://digicoll.library.wisc.edu/SurveyNotes/SurveyNotesHome.html>

Attachment 6. 1845 Public Land Survey showing project area



Source: Wisconsin Public Lands Survey Records
<http://digicoll.library.wisc.edu/SurveyNotes/SurveyNotesHome.html>

Attachment 7. 1878 Atlas of Wisconsin



Map of the City of New London, State of Wisconsin. Snyder, Van Vechten & Co. 1878

Attachment 8. Photo of Project Area



Photo taken 12 November 2008

View to the north. This is the northwest corner of the project area.

Attachment 9. Photo of Project Area



Photo taken 12 November 2008

View to the west off the south end of the bridge.

BIBLIOGRAPHY OF ARCHAEOLOGICAL REPORT FORM

WHS/SHSW # _____ COUNTY Waupaca County

AUTHORS: David Keene

REPORT TITLE: Phase I Archaeological Investigations CTH D (Pearl Street Wolf River Bridge B-68-0425) City of New London Waupaca County, Wisconsin Project ID 6837-03-00

DATE OF REPORT (MONTH AND YEAR): December 2008

SERIES/NUMBER: _____

PLACE OF PUBLICATION: Middleton, Wisconsin

LOCATIONAL INFORMATION [LEGAL DESCRIPTION OF SURVEY AREA (T-R-S)]
T22N., R14E., Section 12

U.S.G.S. QUAD MAP(S): New London, Wisconsin

SITE(S) INVESTIGATED: 2

ACRES INVESTIGATED: less than one

AGENCY # _____

INVESTIGATION TECHNIQUES COMPLETED (Check all that apply.)

- | | | |
|--|--|--|
| <input type="checkbox"/> Avocational Survey | <input type="checkbox"/> Chance Encounter | <input type="checkbox"/> Controlled Surface Collection |
| <input type="checkbox"/> Faunal Analysis | <input type="checkbox"/> Floral Analysis | <input type="checkbox"/> Geomorphology |
| <input type="checkbox"/> Historical Research | <input type="checkbox"/> Interview/Informant | <input type="checkbox"/> Land Use History |
| <input checked="" type="checkbox"/> Literature Background Research | <input type="checkbox"/> Major Excavation | <input type="checkbox"/> Mechanical Stripping |
| <input type="checkbox"/> Monitoring | <input type="checkbox"/> Osteological Analysis | <input checked="" type="checkbox"/> Phase I-Surface Survey |
| <input type="checkbox"/> Phase II | <input type="checkbox"/> Phase II-Corridor Only | <input type="checkbox"/> Phase III |
| <input type="checkbox"/> Phase III-Corridor Only | <input type="checkbox"/> Records/Background | <input type="checkbox"/> Records/Background (Pred. Model) |
| <input type="checkbox"/> Remote Sensing | <input checked="" type="checkbox"/> Shovel Testing/Probing (Inten) | <input type="checkbox"/> Soil Core |
| <input type="checkbox"/> Surface Survey (Intensive) | <input type="checkbox"/> Test Excavation | <input type="checkbox"/> Traditional Knowledge |
| <input type="checkbox"/> Vandalism | <input checked="" type="checkbox"/> Walk Over (Reconnaissance) | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> Other: _____ | | |

ABSTRACT: Included in report Written in space below