UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION/RETURN SHEET

Requested Action:	Removal				
Property Name:	Ten Mile Creek Bridge				
Multiple Name:	Highway Bridges of Iowa MPS				
State & County:	IOWA, Winneshiek				
Date Rece 3/24/201					
Reference number:	OT98000466				
Nominator:	State				
Reason For Review					
X Accept	Return Reject 5/2/2017 Date				
Abstract/Summary Comments:	Moved without prior approval.				
Recommendation/ Criteria	Remove				
Reviewer Patrick	Andrus Discipline Historian				
Telephone (202)35	54-2218 Date				
DOCUMENTATION	: see attached comments : No see attached SLR : No				

If a nomination is returned to the nomination authority, the nomination is no longer under consideration by the

National Park Service.

Received by SHPO 3/22/17

OMB Approval No.1024-0018

United States Department of the Interior National Park Service

National Register of Historic Places Continuation Sheet

Section number 7 Page 1



Ten Mile Creek Bridge, FHWA# 347800 (Moved Structure Amendment) Winneshiek County, Iowa

3. State/Federal Agency Certification	
determination of eligibility meets the documentation standard	pervation Act of 1986, as amended, I hereby certify that this nomination request for ds for registering properties in the National Register of Historic Places and meets the R Part 60. In my opinion, the property meets does not meet the National Register if it is nationally statewide locally.
Signature of certifying official/Title	Date Date
Iowa State Historic Preservation Office State or Federal agency or bureau	(See continuation sheet for additional comments.)
In my opinion, the property meets does not meet the	National Register criteria.
Signature of commenting or other official	Date
State or Federal agency and bureau	

National Register of Historic Places Continuation Sheet

Section number 7 Page

Ten Mile Creek Bridge, FHWA# 347800 (Moved Structure Amendment) Winneshiek County, Iowa

Explanation of the Amendment

The "Ten Mile Creek Bridge", at its original location, had been closed due to severe damage to the abutments during flooding in June 2008. The structure has not been able to sustain the minimum loading requirements of today for many years. The structure had been deemed "structurally deficient" due to the damage the abutments have experienced over time. The 2008 flood inflicted more damage to the abutments severe enough to required permanent closure of the bridge. Even with repairs/replacement of the bridge substructure, the truss itself would not be able to adequately carry the legal loads of today's vehicles. The original structure is a 35'x16' Kingpost Truss on limestone masonry abutments. The original location is in Madison Twp. west of Decorah, very rural and remote feeling, primarily wooded with pasture and field access in close proximity. The bridge is undersized for the drainage and the road to the south is low to allow for overflow. The approach roadway is narrow and winding.

The Trails of Winneshiek bike trail group had been looking for low cost bridge/drainage structures for usage in the "Trout Run Trail" loop in and around Decorah. The Winneshiek County Board of Supervisors elected to give the Ten Mile Creek Bridge to the Trails of Winneshiek for use in the Trout Run Trail where it could function in a capacity better suited for the structure. The removal from the existing abutments, move to the new site, construction of new abutments and the setting of the bridge was funded by a Historical Resource Development Program (HRDP) Grant and local funds from Winneshiek County and other groups associated with the trail construction.

Now that the structure has been moved, it is functioning in a loading capacity more in line with its original design. The new location has relieved the structure of the "heavy" loading that it previously experienced which was greater than the loading it was originally designed for.

The new site is rural and agricultural and similar to its original location in most aspects. The land is rolling with some timber, similar to the original site. The new site is not a continuous flow drainage area such as Ten Mile Creek is. The new location will see water pass under the structure for short periods of time after moderate to heavy rain events. The new watershed is a tributary to the Trout Run Creek. The new location required a change in the substructure of the bridge. The new site has steel piling with timber wall abutments. Although this is very different from the limestone abutments the bridge originally sat on, the new abutment will not be as susceptible to the deterioration and flood damage that the original abutments have experienced. The new abutment style, however, is not uncommon for a bridge of this vintage to be resting upon, exclusive of the steel piling. More characteristic would be wooden piling but steel is found to be stronger and have a longer life and thus was chosen.

Safety issues of walkers and bicycle riders using the Trout Run Trail required retrofitting the structure with a more appropriate railing. In its original location, the bridge had no railing of any type; the A-Frame shape of the truss is the only acting railing. This retrofit has minimal impact to the overall appearance of the structure from a non-trail vantage point. Input from SHPO was sought on the railing design but no recommendations for changes were ever received. It was decided to take lattice railing from the Upper Bluffton Bridge (which was dismantled in 2011) and install it on to the Ten Mile Creek Bridge (see attached photos). This rail was chosen due to its age, composition of material and aesthetically resembles the style of the Ten Mile Creek Bridge.

The structure will retain significance under Criterion C for its association with transportation in Winneshiek County and as a specific bridge type with its continued support of bicycle and pedestrian traffic in the rural farmland of Iowa.

The bridge sub-contractor for this project was Minnowa Construction of Harmony, Minnesota. Minnowa Construction is an experienced bridge builder with over 25 years of experience in the field. The removal and re-setting of the bridge along with the construction of the new substructure for the bridge was tied to the construction of two concrete box culverts located just west of this site that takes the trail under Trout Run Road and the Middle Calmar Road (Project No. SRT-1867(608)--9H-96). Minnowa has past experience with moving bridges all of which have been larger structures than the Ten Mile Creek Bridge. Construction of the box culverts delayed the project from its original timeline and the move of the bridge was pushed back to Spring 2011.

National Register of Historic Places Continuation Sheet

Section number 7 Page

Ten Mile Creek Bridge, FHWA# 347800 (Moved Structure Amendment) Winneshiek County, Iowa

Photographs of the bridge in its new location have been forwarded to the State Historic Preservation Office.

11. Form Prepared By

Lee J. Bjerke, P.E. Winneshiek County Engineer 201 W Main Decorah, IA 52101 563-382-2951 lbjerke@co.winneshiek.ia.us

Property Owner

Winneshiek County Secondary Roads Winneshiek County Conservation 201 W Main Decorah, IA 52101 563-382-2951

National Register of Historic Places Continuation Sheet

Section number 7 Page

Ten Mile Creek Bridge, FHWA# 347800 (Moved Structure Amendment) Winneshiek County, Iowa

> Date Created: 11/4/2008 Map Scale: 1in=1mi

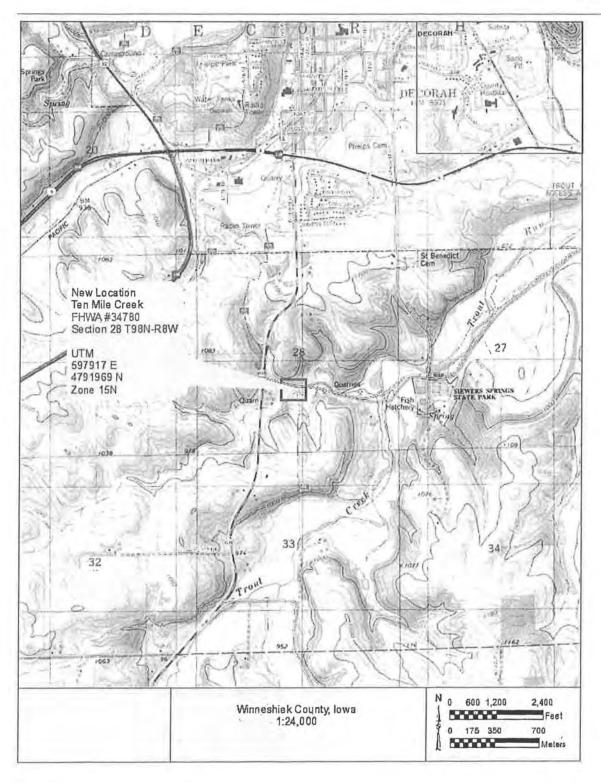
Ten Mile Creek Bridge Site Locations

Overview T99N R08W TEEN ROSW VI Survey Townships Corporate Limits Original Location UN-INCORPORATED DECORAH 198N R08W T98N R09W Relocation Site

National Register of Historic Places Continuation Sheet

Section number 7 Page

Ten Mile Creek Bridge, FHWA# 347800 (Moved Structure Amendment) Winneshiek County, Iowa



National Register of Historic Places Continuation Sheet

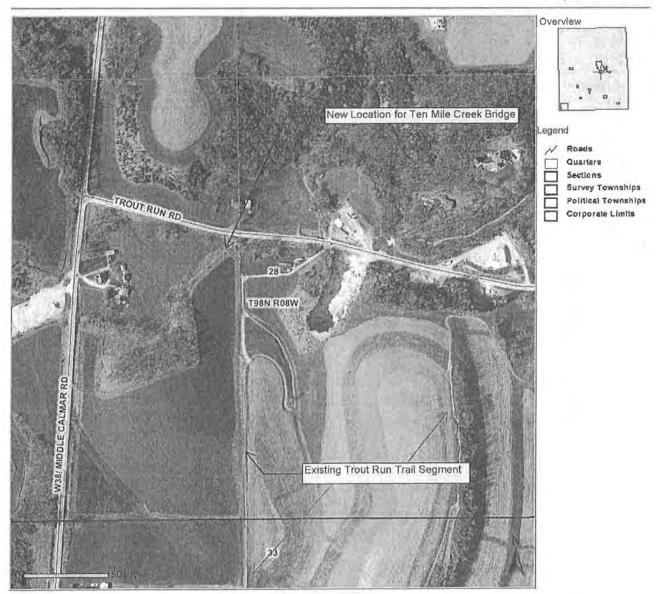
Section number 7 Page

Ten Mile Creek Bridge, FHWA# 347800 (Moved Structure Amendment) Winneshiek County, Iowa

Winneshiek County, IA



Date Created: 8/11/2010 Map Scale: 1 in = 501 ft

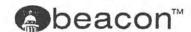


National Register of Historic Places Continuation Sheet

Section number 7 Page

Ten Mile Creek Bridge, FHWA# 347800 (Moved Structure Amendment) Winneshiek County, Iowa

Winneshiek County, IA

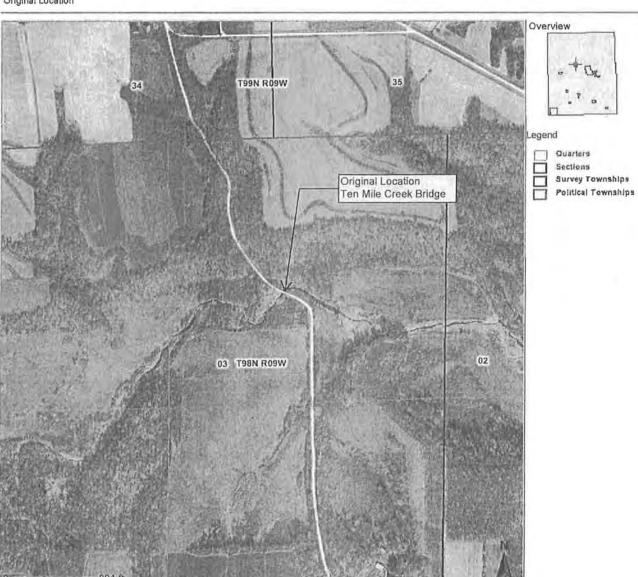


Date Created: 10/1/2009

Map Scale: 1 in = 804 ft

Ten Mile Creek Bridge

Original Location



Last Data Upload: 10/1/2009 1:50:22 AM

National Register of Historic Places Continuation Sheet

Photographs

Ten Mile Creek Bridge, FHWA# 347800 (Moved Structure Amendment) Winneshiek County, Iowa

Winneshiek County, IA

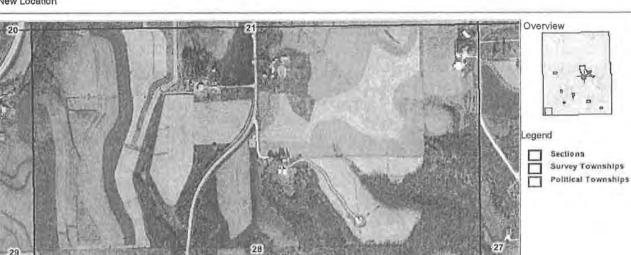


Date Created: 10/1/2009

Map Scale: 1 in = 1,000 ft

Ten Mile Creek Bridge

New Location



T98N R08W

New Location for Ten Mile Creek Bridge

National Register of Historic Places Continuation Sheet

Photographs

Ten Mile Creek Bridge, FHWA# 347800 (Moved Structure Amendment) Winneshiek County, Iowa

Photographs were taken by Lee J. Bjerke, P.E., Winneshiek County Engineer in the winter of 2008 and spring of 2009. Final processing was done by Chip Peterson of Peterson Photography and Kent Foster of Foster Images, both of Decorah, IA. Photos were printed on HP Premium Photo Paper using HP 84/85 dye-based inkset.

- View looking southwest (upstream) at Ten Mile Creek bridge in its original location on Happy Hollow Rd. (2008).
 CD images IA WinneshiekCounty TenMileCreekBridge0001.TIF
- View looking northeast (downstream) of Ten Mile Creek Bridge in its original location on Happy Hollow Rd. (2008), CD images – IA_WinneshiekCounty_TenMileCreekBridge0002.TIF
- View looking northeast (downstream) of Ten Mile Creek Bridge from greater distance than image #2 showing approaches (2008).
 CD images IA_WinneshiekCounty_TenMileCreekBridge0003.TIF
- Roadway view of Ten Mile Creek Bridge in its original location from the north approach (2008).
 CD images IA WinneshiekCounty TenMileCreekBridge0004.TIF
- Oblique view of Ten Mile Creek Bridge looking north in the bridges original location (2008).
 CD images IA WinneshiekCounty TenMileCreekBridge0005.TIF
- Same view as image #5 at a wider angle (2008).
 CD images IA_WinneshiekCounty_TenMileCreekBridge0006.TIF
- 7. Upstream view of new site for Ten Mile Creek Bridge. Structure will span small draw carrying a bike trail at the location. View is looking south towards the trail location from Trout Run Rd. (2009).

CD images - IA_WinneshiekCounty_TenMileCreekBridge0007.TIF

8. New location of Ten Mile Creek Bridge in the Trout Run Trail over an unnamed drainage. Trail continues east up the small draw in the background (2009).

CD images - IA_WinneshiekCounty_TenMileCreekBridge0008.TIF

Final pictures of Ten Mile Creek Bridge in its current location were taken by Lee J. Bjerke, P.E., Winneshiek County Engineer, in spring and summer of 2012. Photos were printed on Photo paper.

View looking southeast through Ten Mile Creek Bridge in its current location on Trout Run Trail showing rail from Upper Bluffton Bridge. (2012).

CD#2 images - IA WinneshiekCounty TenMileCreekBridge0009.TIF

 View looking east through Ten Mile Creek Bridge in its current location on Trout Run Trail showing rail from Upper Bluffton Bridge. (2012)

CD#2 images - IA WinneshiekCounty TenMileCreekBridge0010.TIF

 View looking northwest through Ten Mile Creek Bridge in its current location on Trout Run Trail showing southeast approach (2012).

CD#2 images - IA WinneshiekCounty TenMileCreekBridge0011.TIF

12. View looking northwest at Ten Mile Creek Bridge in isometric view in its current location on Trout Run Trail (2012). CD#2 images – IA WinneshiekCounty TenMileCreekBridge0012.TIF

National Register of Historic Places Continuation Sheet

Photographs

Ten Mile Creek Bridge, FHWA# 347800 (Moved Structure Amendment) Winneshiek County, Iowa

- View looking south (upstream) at Ten Mile Creek Bride in its current location on Trout Run Trail (2012).
 CD#2 images IA WinneshiekCounty TenMileCreekBridge0013.TIF
- View looking southeast through Ten Mile Creek Bridge showing westerly approach in its current location on Trout Run Trail (2012).

CD#2 images - IA_WinneshiekCounty_TenMileCreekBridge0014.TIF





























National Register of Historic Places Registration Form

APR 1 7 1998

466

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in How to Complete the National Register of Historic Places Registration Form (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If an item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Prope	erty							
historic name	Ten I	Mile C	reek Bridge	2				
other names/site n	umber							_
2. Location								
street & number	Нарру Но11о	w road	l over Ten	Mile Creek			☐ not for p	ublication
city or town	5.7 n	niles n	orthwest o	f Decorah			■ vicinity	
stateIowa	code	IA	county _	Winneshiek	code	191	_ zip code	52101
3. State/Federal /	Agency Certificat	tion						
State or Federal	ifying official/Title TORICAL SOCIET agency and bureau me property meets		not meet the Na	utional Register criteria.	(See contin	uation she	et for additional	
Signature of cert	ifying official/Title		_			Date		0,
State or Federal	agency and bureau							
	Service Certifica			e) 1	9/10	1		
I hereby certify that entered in the See contin	National Register			Uson 1	4.100	av	C 5-0	5-95
determined elig	gible for the Natio uation sheet	onal Re	gister	(-				
	t eligible for the I		l Register	-				
☐ removed from ☐ other, (explain)	the National Reg	ister		1				

5. Classification					
Ownership of Property (Check as many boxes as apply) Category of Property (Check only one box)		Number of Resources within Property (Do not include previously listed resources in the count)			
□ private	☐ building(s) ☐ district ☐ site ☐ structure ☐ object	Contributing	Noncontributing		
☐ public-local		0	0	buildings	
□ public-State		0	0	sites	
☐ public-Federal		1	0	structures	
	□ object	0	0	objects	
		1	0	Total	
Name of related multiple property listing (Enter 'N/A' if property is not part of a multiple property listing)		Number of contributing resources previously listed in the National Register			
Highway Bridges of Id	owa	0			
6. Function or Use					
Historic Functions (Enter categories from instructions)		Current Functions (Enter categories from instructions)			
TRANSPORTATION/re	oad-related	TRANSPO	RTATION/road-rela	ated	
		4			
7. Description					
Architectural Classification (Enter categories from instructions)		Materials (Enter categories from instructions)			
other: Kingpost pony	truss	foundation_Sto	one		
		walls			
		roof	(- ,		
		other	eel		

Narrative Description

(Describe the historic and current condition of the property on one or more continuation sheets)

Located 5.7 miles northwest of Decorah, Ten Mile Creek Bridge spans Ten Mile Creek in a rural Winneshiek County setting that has changed little since the structure's period of significance. A description of the structure follows:

span number: 1 construction date: c1895 span length: 35.0' construction cost: unknown total length: 36.0' current condition: fair none

superstructure: steel, 2-panel, pin- and rigid-connected Kingpost pony truss

substructure: stone abutments and wingwalls floor/decking: timber deck over steel stringers

other features: inclined end post: 2 channels with cover and batten plates; lower chord: 2 looped

rectangular eyebars; vertical: 2 channels with lacing; lateral bracing: round rod with

threaded ends; floor beam: I-beam, U-bolted to lower chord pins

Other than maintenance-related repairs, the bridge remains essentially unaltered as it continues to carry vehicular traffic. The Ten Mile Creek Bridge today retains a high degree of integrity of location, design, setting, materials, workmanship, feeling and association.

Ten Mile Cr	eek Bridge	Winneshiek Co	Winneshiek County; Iowa				
10. Geographic	al Data						
Acreage of Prop	erty less than one acre						
UTM References							
1 15 5901	05 4798740	2					
zone easting	northing	zone easting	northing				
Verbal Boundary (Describe the bounda	Description						
centered on the	l property is a rectangular-sha e UTM point(s) listed above. I substructure, approach spans a	ncluded within this re	g 18 feet l ectangular p	by 36 feet arcel are t	t, which he bridge		
Boundary Justifi	cation ndaries were selected)						
The nominated	l structure includes the bridge nd the property on which they erty that has been historically a	rest. These boundarie	es encompas	loor system s, but do	m, any ap not exceed		
11. Form Prepa	red By						
name/title	Michelle Crow-Dolby						
organization	Fraserdesign	date	31 August	1994			
street & number	1269 Cleveland Avenue	telephone	303-669-7	969			
city or town	Loveland	state	Colorado	_ zip code	80537		
Additional Docum	mentation						
Submit the following	items with the completed form:						
Continuation Sh	eets						
Maps							
A USGS	map (7½ or 15 minute series) indica map for historic districts and prope			is resources			
Photographs Represen	tative black and white photograph	s of the property					
Additional items (Check with the SHP)	O or FPO for any additional items)						

Property Owner

(Complete this item at the request of SHPO or FPO)

name/title _____ Winneshiek County

street & number ____ 201 West Main Street _____ telephone ____ 319-382-2951

city or town ____ Decorah _____ state ____ Iowa ____ zip code ____ 52101

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C. 470 et seq.).

Estimated Burden Statement: Public reporting burden for this form is estimated to average 18.1 hours per response including time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administrative Services Division, National Park Service, P.O. Box 37127, Washington, DC 20013-7127; and the Office of Management and Budget, Paperwork Reductions Projects (1024-0018), Washington, DC 20503.

National Register of Historic Places Continuation Sheet

Section Number 8 Page 1 Ten Mile Creek Bridge Winneshiek County; Iowa

This short-span crossing of Ten Mile Creek is located some five miles northwest of Decorah in central Winneshiek County. County records do not refer specifically to this kingpost pony truss, but it appears to have been built circa 1895, probably by the R.D. Wheaton Bridge Company of Chicago, which supplied several kingpost trusses to the county at that time. Consisting of a kingpost pony truss with rigid-connected upper chords and pinned lowers, the structure is supported by stone abutments. Since its completion, the Ten Mile Creek Bridge has continued to carry intermittent traffic in its picturesque setting, while retaining an exceptional degree of structural integrity.

With its roots extending to the Middle Ages, the kingpost pony truss was the most rudimentary truss type. Numerous kingposts were built on Nebraska's early roads in the late 19th and early 20th centuries, executed first as timber/iron combination structures and later in all-metal configurations. The Kingpost as a structural type was generally limited to relatively short-span applications, however, and as steel beam bridges received widespread acceptance after the turn of the century, erection of kingpost trusses declined rapidly. This bridge in Winneshiek County is a well-preserved example of this mainstay structural type.

National Register of Historic Places Continuation Sheet

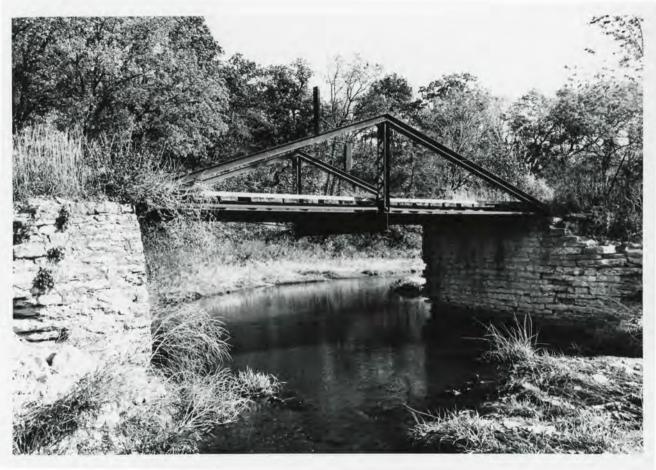
Section Number 9 Page 2 Ten Mile Creek Bridge Winneshiek County; Iowa

Iowa Department of Transportation, Structure Inventory and Appraisal: Structure Number 347800.

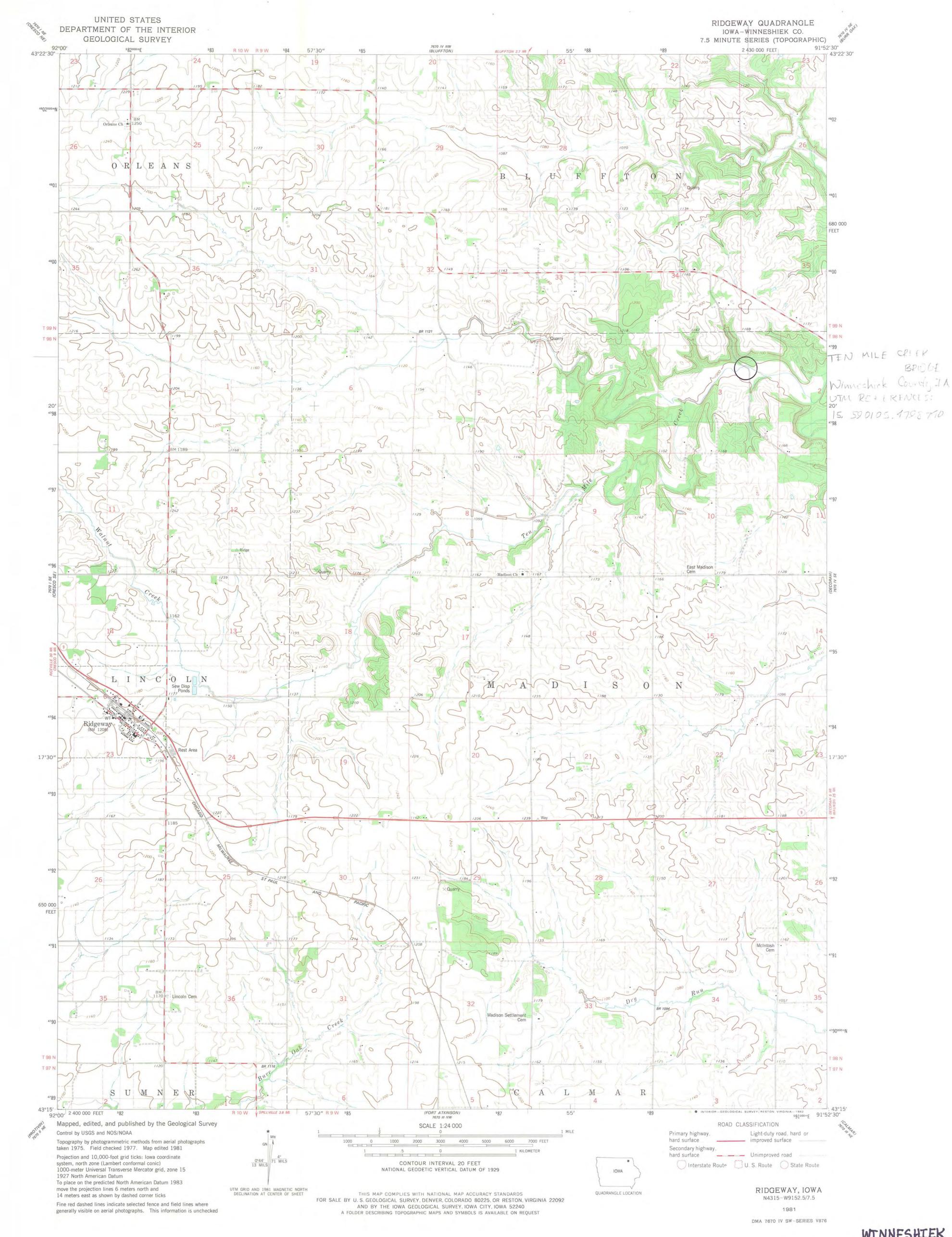
W.E. Alexander, History of Winneshiek and Allamakee Counties, Iowa (Sioux City, IA: Western Publishing Company, 1875).

W.J. Sparks, History of Winneshiek County with Biographical Sketches of its Eminent Men (Decorah, IA, 1877).

Field inspection by Clayton Fraser, 10 October 1990.



EN MILE CREEK BRIDGE (FHWA No. 347800) WINNESHLEK COUNTY, IOWA CLAYTON FRASER, FRASERDESIGN 10 OCTOBER 1990



UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION/RETURN SHEET

REQUESTED ACTION: NOMINA	TION
PROPERTY Ten Mile Creek NAME:	Bridge
MULTIPLE Highway Bridge: NAME:	s of Iowa MPS
STATE & COUNTY: IOWA, Win	nneshiek
DATE RECEIVED: 4/17, DATE OF 16TH DAY: 5/14, DATE OF WEEKLY LIST:	
REFERENCE NUMBER: 980004	56
NOMINATOR: STATE	
REASONS FOR REVIEW:	
OTHER: N PDIL: REQUEST: N SAMPLE:	N LANDSCAPE: N LESS THAN 50 YEARS: N N PERIOD: N PROGRAM UNAPPROVED: N SLR DRAFT: N NATIONAL: N
COMMENT WAIVER: N	1.001
	REJECT
ABSTRACT/SUMMARY COMMENTS	
	Entared in
RECOM./CRITERIA	
REVIEWER	DISCIPLINE
TELEPHONE	DATE
DOCUMENTATION see attached	d comments V/N see attached SLR V/N

CLG NATIONAL REGISTER REVIEW

CLG Name Winneshiek County CLG	Date of Public Meeting 1/22/96
Property Name _Ten Mile Creek Bridge	Address county road over Ten Mile Creek
1. For Historic Preservation Commission:	5.7 miles northwest of Decorah
Recommendation of National Register eligibility [] Recommendation of National Register ineligibility Signature Reason(s) for recommendation:	person Date 1/22/96
2. For Chief Elected Local Official:	
[] Recommendation of National Register eligibility [] Recommendation of National Register ineligibility Signature Cerus College (Ar. Bl. Sup Date 1/31/85
Reason(s) for recommendation:	
Professional Evaluation Name	
[4] Recommendation of National Register eligibility [7] Recommendation of National Register ineligibility	
Signature Julia Hoping	Date Jon, 22, 1996
Reason(s) for recommendation:	

IOWA DEPARTMENT OF CULTURAL AFFAIRS

MARY COWNIE, DIRECTOR CHRIS KRAMER, DEPUTY DIRECTOR

ARTS COUNCIL

PRUSUCE

STATE HISTORICAL SOCIETY OF 1040A

STATE HISTORICAL MUSEUM OF IOWA

STATE HISTORIGAL LIBRARY & ARCHIVES

STATE HISTORIC SITES

STATE HISTORIC PRESERVATION OFFICE OF LOWA

ICMA HISTORICAS. FOUNDATION



March 14, 2017

J. Paul Loether, Deputy Keeper and Chief National Register and National Historic Landmarks 1201 Eye St. NW, 8th Fl. Washington D.C. 20005

Dear Mr. Loether:

The following National Register nomination(s) from Iowa are enclosed for your review and listing if acceptable.

Nicolaus, Henry E. and Ella M. (Knott), House, 319 4th Street W, Wilton, Muscatine County, Iowa

First United Brethren Church, 201 E High Street, Toledo, Tama County Iowa

Cedar Rapids Milk Condensing Company, 525 Valor Way SW (formerly 525 H Street SW), Cedar Rapids, Linn County , Iowa

Ten Mile Creek Bridge, FHWA #347800, (moved structure amendment), Winneshiek County, Iowa

Thank you for your consideration.

Sincerely,

Elizabeth Foster

National Register Coordinator State Historical Society of Iowa