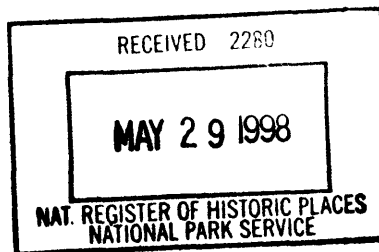


United States Department of the Interior
National Park Service



809

National Register of Historic Places
Registration Form

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 Property

historic name Mallosy^{Twp} Bridge
other names/site number _____

2. Location

street & number _____ county road over unnamed stream not for publication
city or town _____ 1.3 miles southwest of Osterdock vicinity
state Iowa code IA county Clayton code 043 zip code 45302

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act, as amended, I hereby certify that this nomination request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property meets does not meet the National Register criteria. I recommend that this property be considered significant nationally statewide locally. (See continuation sheet for additional comments.)
Patricia Oshinkim DSHP 5-6-98
Signature of certifying official/Title Date

State or Federal agency and bureau

In my opinion, the property meets does not meet the National Register criteria. (See continuation sheet for additional comments.)

Signature of certifying official/Title Date

State or Federal agency and bureau

4. National Park Service Certification

I hereby certify that the property is:
 entered in the National Register
 See continuation sheet
 determined eligible for the National Register
 See continuation sheet
 determined not eligible for the National Register
 removed from the National Register
 other, (explain): _____

Elson A. Ball 6-25-98

5. Classification

Ownership of Property
(Check as many boxes as apply)

- private
- public-local
- public-State
- public-Federal

Category of Property
(Check only one box)

- building(s)
- district
- site
- structure
- object

Number of Resources within Property
(Do not include previously listed resources in the count)

Contributing	Noncontributing	
0	0	buildings
0	0	sites
1	0	structures
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)

Highway Bridges of Iowa

Number of contributing resources previously listed in the National Register

0

6. Function or Use

Historic Functions
(Enter categories from instructions)

TRANSPORTATION/road-related

Current Functions
(Enter categories from instructions)

TRANSPORTATION/road-related

7. Description

Architectural Classification
(Enter categories from instructions)

other: pinned Pratt pony truss

Materials
(Enter categories from instructions)

foundation Stone

walls

roof

other Wrought iron

Narrative Description

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

Located 1.3 miles southwest of Osterdock, the bridge spans an unnamed stream in a rural Clayton County setting that has changed little since the structure's period of significance. A description of the structure follows:

span number: 1	construction date: 1890
span length: 38.0'	construction cost: \$2730.00 (multiple-bridge contract)
total length: 38.0'	current condition: fair
roadway wdt.: 15.6'	alterations: none

superstructure: wrought iron, 3-panel, pin-connected Pratt half-hip pony truss
 substructure: stone abutments
 floor/decking: timber deck over steel stringers
 other features: inclined end post and upper chord: 2 angles with cover and batten plates; lower chord: 2 looped square eyebars; vertical: 4 angles with lacing; diagonal: 2 looped square eyebars; counter: 1 round eyebar with turnbuckle; lateral bracing: round rod with threaded ends; floor beam: I-beam, U-bolted to lower chord pins; guardrail: steel angle

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

8. Statement of Significance

Applicable National Register Criteria

(Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing)

- A Property is associated with events that have made a significant contribution to the broad patterns of our history.
B Property is associated with the lives of persons significant in our past.
C Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
D Property has yielded, or is likely to yield, information important in prehistory or history.

Criteria Considerations

(Mark "x" in all the boxes that apply)

Property is:

- A owned by a religious institution or used for religious purposes.
B removed from its original location.
C a birthplace or grave.
D a cemetery.
E a reconstructed building, object, or structure.
F a commemorative property.
G less than 50 years of age or achieved significance within the past 50 years.

Narrative Statement of Significance

(Explain the significance of the property on continuation sheets.)

Areas of Significance

(Enter categories from instructions)

ENGINEERING

Period of Significance

1890

(The period of significance is derived from the original construction date.)

Significant Dates

1890 (construction date)

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

designer: unknown

fabricator: D.H. Young; Lackawanna Steel Co.

builder: county work force

9. Major Bibliographical References

Bibliography

(Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets.)

Previous documentation on file (NPS):

- preliminary determination of individual listing (36 CFR 67) has been requested
previously listed in the National Register
previously determined eligible by the National Register
designated a National Historic Landmark
recorded by Historic American Buildings Survey
recorded by Historic American Engineering Record

Primary location of additional data:

- State Historic Preservation Office
other State agency
Federal agency
Local government
University
other
name of repository:

**United States Department of the Interior
National Park Service**

**National Register of Historic Places
Continuation Sheet**

Section Number 8 Page 1 Bridge Clayton County; Iowa

Spanning a small stream a mile southwest of Osterdock in southeastern Clayton County, this structure carries an unpaved county road. A Pratt half-hip Pratt pony truss with steel or wrought iron components and stone abutments, the bridge features pinned connections throughout. The bridge dates to 1890. That summer the Clayton County supervisors solicited competitive bids from bridge companies for several small-scale iron and combination spans. In July the supervisors awarded a contract to D.H. Young of Manchester, Iowa, to supply eight superstructures for the aggregate sum of \$2730.00. Using wrought iron components rolled in Pittsburgh by Lackawanna, Young delivered the spans that year, and they were erected by local laborers. This truss continues to carry local traffic in its rural setting while retaining a high degree of both physical and historical integrity.

From the early 1880s to the establishment of state bridge standards in 1913, the pin-connected Pratt truss was virtually the exclusive structural type for short- to medium-span roadway crossings in Iowa. Its standardized fabrication, economy of materials and ease of erection made it a mainstay among the various state and regional bridge companies. The Pratt was marketed in both full-hip and half-hip configurations. The half-hip truss was used primarily for short-span applications, where the savings in materials from the omission of a hip vertical outweighed the loss of structural strength from this omission. This inherently short-span structural type was well-suited for Iowa's myriad small streams and ditches, and, as a result, thousands of half-hip pony trusses were erected throughout Iowa in the late 19th century. This bridge in Clayton County is distinguished as the oldest remaining example in the state of the Pratt half-hip pony truss.

**United States Department of the Interior
National Park Service**

**National Register of Historic Places
Continuation Sheet**

Section Number 9 Page 2 Bridge Clayton County; Iowa

Iowa Department of Transportation, Structure, Inventory and Appraisal: Structure No. 118210.

Clayton County Supervisors' Calendar of Causes, Book C: page 302 (7 July 1890) - located at the Clayton County Courthouse, Elkader IA.

Clayton County Bridge Book, Clayton County Courthouse, Elkader IA.

Field inspection by Clayton Fraser, 13 December 1992.