# United States Department of the interior National Park Service

# National Register of Historic Places Registration Form

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NAT. REGISTER OF HISTORIC PLA NATIONAL PARK SERVICE	ACES

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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. Na	ame of Property							
histori	ic name <u>Mallos</u> y	₩ <b>₽</b> ^ Bridge			·····			
other	names/site number _			**				_
2. Lo	ocation							
	& number						📋 not for pu	ublication
city o	city or town 1.3 miles southwest of Osterdock				Vicinity			
state .	Iowa	codeIA	county	Clayton	code _	043	zip code	45302
3. St	ate/Federal Agency	Certification		····				
	As the designated authority request for determinatio of Historic Places and mee property <u>X</u> meetsdo do do do 	n of eligibility meets the procedural and bes not meet the Nationality (	the documentat d professional onal Register cri continuation sh DSMD	ion standards for a requirements set f teria. I recommen eet for additional o	registering propertie forth in 36 CFR Par ad that this property comments.)	s in the N t 60. In be consid <u>6 98</u> Date	National Register my opinion, the dered significant	
	Signature of certifying once	airrice				Dale		
5	State or Federal agency an	d bureau		······			······································	
4. Na	ational Park Service	Certification		$\frown$	2 0	Λο		
I herei Torrer D de D de D re	by certify that the pro- ntered in the National See continuation sh etermined eligible for See continuation sh etermined not eligible moved from the Nation her, (explain):	pperty is: Register neet the National Regi neet for the National F		Esson, 	H. Ba		- 6-2	<u>5.96</u>

Bridge

5. Classification Ownership of Property	Catagony of Bronarty	Number of Do	cources within Dr	opertu		
(Check as many boxes as apply)	Category of Property (Check only one box)	(Do not include pre	sources within Pr eviously listed resource	s in the count)		
private	□ building(s)	Contributing	9			
public-local		0	0	buildings		
public-State	□ site	0	0	sites		
public-Federal	structure	1	0	structure		
		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 liste in the National Register				
Highway Bridges of Iowa		0				
6. Function or Use						
Historic Functions (Enter categories from instructions)		Current Functions (Enter categories from instructions)				
TRANSPORTATION/road-related		TRANSPORTATION/road-related				
	·····			·····		
7. Description						
Architectural Classification (Enter categories from instructions)		<b>Materiais</b> (Enter categories fr	om instructions)			
other: pinned Pratt po	foundationSt	one				
	walls	······				
	roof	х 				
	other Wro	ught 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 steam 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

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.

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

# **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.)

## 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

# Clayton County; Iowa

# 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

## Primary location of additional data:

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

	a
впа	

#### 10. Geographical Data

Acreage of Property less than one acre

#### **UTM References**

(Place additional UTM references on a continuation sheet)

1 <u>15 649160 47310</u> zone easting northing

zone easting

northing

## Verbai Boundary Description

(Describe the boundaries of the property)

The nominated property is a rectangular-shaped parcel measuring 18 feet by 38 feet, which is centered on the UTM point(s) listed above. Included within this rectangular parcel are the bridge's superstructure, substructure, approach spans and floor system.

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#### **Boundary Justification**

#### (Explain why the boundaries were selected)

The nominated structure includes the bridge's superstructure, substructure, floor system, any approach spans and the property on which they rest. These boundaries encompass, but do not exceed, all of the property that has been historically associated with the bridge.

11. Form Prepa	red By		
name/title	Clayton B. Fraser		
organization	Fraserdesign	date	31 August 1994
street & number	1269 Cleveland Avenue	_ telephone _	303-669-7969
city or town	Loveland	state	Colorado zip code 80537

#### Additional Documentation

Submit the following items with the completed form:

#### **Continuation Sheets**

#### Maps

A USGS map (7% or 15 minute series) indicating the property's location

A Sketch map for historic districts and properties having large acreage or numerous resources

#### Photographs

Representative black and white photographs of the property

#### Additional Items

(Check with the SHPO or FPO for any additional items)

Property Owner						
(Complete this item at	the request of SHPO or FPO)					
name/title	Clayton County			·		
street & number _	P.O. Box 456	telephone _	319-245-1782			
city or town	Elkader	state	Iowa	zip code _	52043	

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.

## 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 shortspan 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.