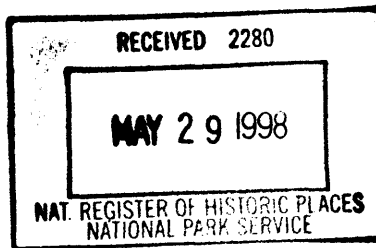


**United States Department of the Interior  
National Park Service**

**National Register of Historic Places  
Registration Form**



760

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 Dunkerton Bridge

other names/site number \_\_\_\_\_

**2. Location**

street & number town street over Crane Creek  not for publication

city or town Dunkerton  vicinity

state Iowa code IA county Black Hawk code 013 zip code 50626

**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 Orling PSHP 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):

Edson H. Beall 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/pedestrian-related

**7. Description**

**Architectural Classification**  
(Enter categories from instructions)

other: concrete filled spandrel arch

**Materials**  
(Enter categories from instructions)

foundation Concrete  
 walls \_\_\_\_\_  
 roof \_\_\_\_\_  
 other Concrete

**Narrative Description**

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

Located in Dunkerton, the Dunkerton Bridge spans Crane Creek in a setting that has changed little since the structure's period of significance. A description of the structure follows:

span number: 3	construction date: 1909
span length: 70.0'	construction cost: unknown
total length: 212.0'	current condition: fair
roadway wdt.: 14.0'	alterations: some sections of railing replaced; tie bolts on north arch

superstructure: concrete filled spandrel arch  
 substructure: concrete abutments, back and wingwalls; solid concrete piers  
 floor/decking: asphalt over earth fill  
 other features: three barrel-vault arches; solid concrete railings with incised panels; bridge plate: **Black Hawk County, Iowa, Supervisors; John McQuilkin, Chairman; D. G. Boomer; Geo F. Johnson; C. J. Kirby; C. A. Rownd; Thos. Welstead; C. W. Virden; Designed & Built 1909 By Marsh Engineering Co., Des Moines, Iowa**

Other than maintenance-related repairs and alterations noted above, the bridge remains essentially unaltered as it continues to carry vehicular traffic. The Dunkerton 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.

Areas of Significance

(Enter categories from instructions)

ENGINEERING.

Period of Significance

1909

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

Significant Dates

1909 (construction date)

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

designer: Marsh Engineering Co., Des Moines IA

fabricator: none

builder: Marsh Engineering Co., Des Moines IA

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

Primary location of additional data:

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

**10: Geographical Data**Acreage of Property less than one acre**UTM References**

(Place additional UTM references on a continuation sheet)

1 15 568890 4713540  
zone easting northing2 \_\_\_\_\_  
zone easting northing**Verbal Boundary Description**

(Describe the boundaries of the property)

The nominated property is a rectangular-shaped parcel measuring 16 feet by 212 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.

**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 Prepared By**name/title Charlene Roise and Clayton Fraserorganization Fraserdesign date 31 August 1994street & number 1269 Cleveland Avenue telephone 303-669-7969city or town Loveland state Colorado zip code 80537**Additional Documentation**

Submit the following items with the completed form:

**Continuation Sheets****Maps**A **USGS map** (7½ or 15 minute series) indicating the property's locationA **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 City of Dunkertonstreet & number P.O. Box 100 telephone 319-822-4247city or town Dunkerton state Iowa zip code 50626

**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 Dunkerton Bridge Black Hawk County; Iowa

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The Dunkerton Bridge was once the main approach to the town of Dunkerton from the north. It now carries pedestrian traffic between Charma Park to the north and Marble Street in downtown Dunkerton. The park provides a bucolic setting for this picturesque structure. The modern highway into town, carried over Crane Creek by a newer bridge, runs along the park's eastern border. In April 1908, the Black Hawk County Board of Supervisors directed its bridge committee to investigate the possible construction of a bridge on a new road being built at Dunkerton. According to county records, there had been a bridge built over Crane Creek at Dunkerton in 1894 by the Hannibal Bridge Company for \$3800.00. In July 1908, the committee reported that the "old bridge," perhaps the 1894 structure, could last another year or two with some repair work. When it came time for a new bridge, the committee recommended that it be constructed of steel and concrete and built at a different location than the old structure. The board authorized the bridge committee in January 1909 to secure plans and specifications for a new bridge. By April, the board advertised for competitive bids for either a concrete or steel structure. The contract was awarded to the Marsh Engineering Company of Des Moines on May 8th. Construction was underway in the summer and fall; the board accepted the bridge six months later, on November 8th. A bridge plate on the northwest corner of the span confirms that the bridge was designed and built by Marsh in 1909, and lists the county supervisors for that year. Marsh Engineering was a prominent regional bridge firm known for concrete-arch bridge designs. The firm had been responsible for a number of bridges in Black Hawk County in the first decade of the twentieth century, including the 1902 Melan-arch Fourth Street Bridge in Waterloo, reportedly the first of its kind (no longer extant). The Dunkerton Bridge, a three-span, filled spandrel deck arch, has carried traffic in its urban setting with only minor repair-related alterations.

Before the re-formation of the state highway commission in 1913, the individual counties were responsible for bridge design and construction. They often relied on the bridge companies themselves or on in-state civil engineers for the designs. This is the case with the Dunkerton Bridge. Designed and built by one of Iowa's premier concrete bridge engineers, it is one of the few major concrete bridges remaining in the state that is still standing. For this reason it is noteworthy as an early example of urban arch bridge construction.

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

**National Register of Historic Places  
Continuation Sheet**

Section Number   9   Page   2   Dunkerton Bridge Black Hawk County; Iowa

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Iowa Department of Transportation, Structure Inventory and Appraisal: Structure No. 004265.

Black Hawk County Supervisors' Minutes, Book H: page 228 (26 February 1902); Book I: page 628 (10 April 1908); Book J: page 68 (21 July 1908), page 182 (26 January 1909), page 206 (16 April 1909), page 210 (8 May 1909), page 270 (8 November 1909).

Isaiah Van Metre, *History of Black Hawk County, Iowa* (Chicago: Biographical Publishing Co., 1904), p. 85.

Field inspection by Charlene K. Roise, 16 November 1991.