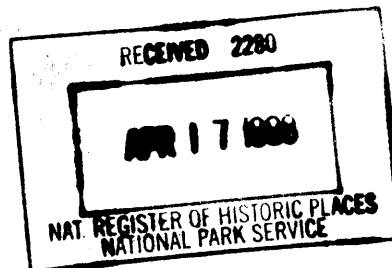


United States Department of the Interior
National Park Service

National Register of Historic Places
Registration Form



511

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 Burlington Railroad Overpass

other names/site number _____

2. Location

street & number County Road S23 over Burlington Northern Railroad not for publication

city or town 4.3 miles northwest of Chariton vicinity

state Iowa code IA county Lucas code 117 zip code 50049

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 Olsen King DSHP 4-7-98
Signature of certifying official/Title Date

IOWA HISTORICAL SOCIETY OF IOWA
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 A. Beall

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)

Table with 2 columns: Contributing, Noncontributing and rows for buildings, sites, structures, objects, 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: three-hinge deck arch

Materials

(Enter categories from instructions)

foundation Concrete, walls, roof, other Steel

Narrative Description

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

Located 4.3 miles northwest of Chariton, the Burlington Railroad Overpass spans the Burlington Northern Railroad in a rural Lucas County setting that has changed little since the structure's period of significance. A description of the structure follows:

span number: 1, span length: 108.0', total length: 322.0', roadway wdt.: 23.9', construction date: 1937, construction cost: unknown, current condition: good, alterations: roadway widened and guardrails replaced

superstructure: steel, rigid-connected, 3-hinge deck arch
substructure: concrete abutments, wingwalls and pier pedestals
floor/decking: concrete deck over steel stringers

Despite the alterations noted above, the superstructure of this grade separation remains essentially unaltered as it continues to carry vehicular traffic. The Burlington Railroad Overpass 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

1937

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

Significant Dates

1937 (construction date)

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

designer: Iowa State Highway Commission

fabricator: unknown

builder: Ben Cole and Son, Ames IA

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 Burlington Railroad Overpass Lucas County; Iowa

In the 1930s the Iowa State Highway Commission designed a handful of steel arch structures to function as grade separations in various locations in the state. One of these structures was this overpass over the Burlington Northern Railroad in central Lucas County. For this crossing the commission in 1936 delineated a single-span, three-hinge arch supported by concrete arch pedestals. The highway commission designated the project WPGS-620 and let a contract for its construction to Ben Cole and Son of Ames, Iowa. The overpass was completed and accepted by the highway commission in June 1937. It carried traffic in essentially unaltered condition until the recent widening of its deck. Until recently the last two steel arch overpasses in the state were located in Lucas and Clinton counties. The Clinton County arch has been replaced, leaving the Lucas County structure as the last remaining example of this bridge design trend. It is thus significant as a rare example of ISHC aesthetics and a unique structural type in the state.

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

**National Register of Historic Places
Continuation Sheet**

Section Number 9 Page 2 Burlington Railroad Overpass Lucas County; Iowa

Iowa Department of Transportation, Structure Inventory and Appraisal: Structure No. 226430.

Iowa State Highway Commission, **Weekly Letting Report**, 25:24 (16 June 1937), page 4.

Field inspection by Clayton Fraser, 12 November 1990.