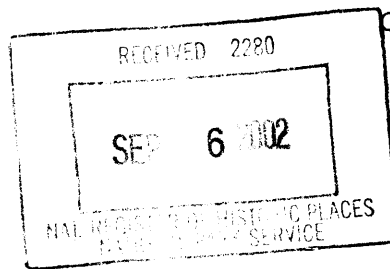


United States Department of the Interior
National Park Service



1138

National Register of Historic Places Registration Form

This form is for use in nominating or requesting determination for individual properties and districts. See instruction 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 Granada Bridge

other names/site number CDOT No. L-27-D; 5PW114

2. Location

street & number US Highway 385 at milepost 97.32 [N/A] not for publication

city or town Granada [X] vicinity

state Colorado code CO county Prowers code 099 zip code

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act, as amended, I hereby certify that this [X] 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 [X] meets [] does not meet the National Register criteria. I recommend that this property be considered significant [] nationally [] statewide [X] locally. ([] See continuation sheet for additional comments.)

Georgiana Conteguglia State Historic Preservation Officer August 19, 2002
Signature of certifying official/Title Date

State Historic Preservation Office, Colorado Historical Society
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
 - [] See continuation sheet.

Edson M. Keall
Signature of the Keeper

Date of Action 10/15/02

Granada Bridge
Name of Property

Prowers County, Colorado
County/State

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 count previously listed resources.)

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 in Colorado

Number of contributing resources previously listed in the National Register.

0

6. Function or Use

Historic Function

(Enter categories from instructions)

Road-related

Current Functions

(Enter categories from instructions)

Road-related

7. Description

Architectural Classification

(Enter categories from instructions)

Other: Steel I-beam stringer

Materials

(Enter categories from instructions)

foundation
walls
roof
other Steel
Concrete
Asphalt

Narrative Description

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

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

**National Register of Historic Places
Continuation Sheet**

Granada Bridge
Prowers County, Colorado
Highway Bridges in Colorado, MPS

Section number 7 Page 1

DESCRIPTION

Location: US Highway 385 at milepost 97.32, two miles north of Granada.

Setting: The north-south bridge crosses the Arkansas River and its broad floodplain.

Structure length: 423 feet

Structure width: 28 feet

Roadway width: 24 feet

Main span number: 5

Main span length: 90 feet

Superstructure: Steel I-beam stringer

Substructure: Concrete abutments, wingwalls and spill-through piers

Floor/decking: Concrete deck with asphalt overlay

Other features: Colorado Highway Department standard steel baluster guardrails

Erected: 1949

Designer: Colorado Department of Highways

Fabricator: Burkhardt Steel Company

Contractor: C.L. Hubner Company

Alterations: None

Granada Bridge
Name of Property

Prowers County, Colorado
County/State

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 one or more 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
- # _____

Areas of Significance

(Enter categories from instructions)

Transportation

Engineering

Periods of Significance

1949

Significant Dates

N/A

Significant Person(s)

(Complete if Criterion B is marked above.)

N/A

Cultural Affiliation

N/A

Architect/Builder

Colorado Department of Highways

Burkhardt Steel Company

Hubner, C.L., Company

Primary location of additional data:

- State Historic Preservation Office
- Other State Agency
- Federal Agency
- Local Government
- University
- Other

Name of repository:

Colorado Historical Society

Colorado Dept. of Transportation

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

Granada Bridge
Prowers County, Colorado
Highway Bridges in Colorado, MPS

Section number 8 Page 2

SIGNIFICANCE

The 1949 Granada Bridge on US Highway 385, north of Granada, meets the registration requirements under Criteria A and C as set forth in *Highway Bridges in Colorado*, Multiple Property Documentation Form. The bridge is eligible in the area of transportation for its association with efforts during the 1930s and 1940s by the Colorado Department of Highways (CDH) to upgrade highway crossings of the wide Arkansas River channel. The bridges along the Arkansas River in southeastern Colorado followed a definite progression of structural types. The first structures were all timber trestles or timber trusses on timber crib or pile bent substructures. Built by the counties, these unsteady spans were subject to recurrent washouts and were followed by more substantial steel bridges. Between 1890 and 1910 several multiple-span roadway trusses were erected at major crossings of the lower Arkansas River in southeastern Colorado. Placed over the river's wide floodplain at La Junta, Las Animas, Caddoa, Lamar, Carlton and Granada, among other places, they were as a series the state's longest trussed bridges. During the 1930s and 1940s the Highway Department replaced most of these truss bridges with multiple-span steel stringer bridges. The Granada Bridge is an unaltered example of an upgraded Arkansas River bridge.

The Granada Bridge is also eligible in the area of engineering. The steel I-beam stringer illustrates the state of bridge design and construction in the late 1940s. It is distinguished technologically by its relatively long spans and excellent state of preservation.

CONSTRUCTION HISTORY

The timber Granada Bridge was in place when the State Highway Commission established State Primary Road No. 6 across Otero, Bent and Prowers counties in 1910. Moving eastward from La Junta, the route followed the tracks of the Atchison, Topeka and Santa Fe Railway eastward through Las Animas, Lamar, Granada and Holly to the Kansas state line. Rather than stay on one side of the Arkansas River, the zigzagged 93-mile route crossed the Arkansas at La Junta, Hadley, Las Animas, Lamar and Granada. In the 1910s the Highway Commission and the counties made incremental improvements to the road. The most noteworthy improvement during this period was the construction of the La Junta Bridge, a seven-span concrete arch structure completed in 1914. At that time Prowers County graded three-and-one-half miles of the route and erected a 55-foot-long steel truss over Buffalo Creek but did not build any major spans over the Arkansas.

In 1922 the route was incorporated into State Highway 6, which extended from Grand Junction through Montrose, Pueblo, La Junta and Granada to the state line. Three years later it was made part of US Highway 50. One by one the CHD replaced the existing timber bridges over the lower Arkansas, including the Granada Bridge. In 1949 the CHD again

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Granada Bridge
Prowers County, Colorado
Highway Bridges in Colorado, MPS

Section number 8-9 Page 3

replaced the Granada Bridge, this time with a long-span steel stringer structure. The new Granada Bridge was comprised of five I-beam spans, the longest of which extended 90 feet, all supported by reinforced concrete abutments and spill-through piers. These carried a 24-foot-wide concrete deck, which was flanked on both sides by CHD standard steel baluster guardrails. The Highway Department let the contract to build the bridge to the C.L. Hubner Company. Hubner used a superstructure fabricated in Denver by the Burkhardt Steel Company to complete the Granada Bridge that year. It has functioned in place since in essentially unaltered condition.

BIBLIOGRAPHY

Colorado Department of Transportation, Structure Inventory and Appraisal: Structure No. L-27-D. Located at CDOT, Denver, CO.

Colorado Highway Department. Bridge Kardex File. Located at CDOT Bridge Division, Denver, Colorado.

Fraser, Clayton B. "Granada Bridge, 5PW114," Historic Bridge Inventory, 31 March 2000.

Fraser, Clayton B. Field inspection May 1999.

Fraser, Clayton B. "Highway Bridges in Colorado," National Register of Historic Places Multiple Property Documentation Form, March 30, 2000.

Prowers County Commissioners' Proceedings. Located at Prowers County Courthouse, Lamar, Colorado.

Granada Bridge
Name of Property

Prowers County, Colorado
County/State

10. Geographical Data

Acreage of Property less than one

UTM References

(Place additional UTM references on a continuation sheet.)

1. 13 735879 4219440
Zone Easting Northing

3. Zone Easting Northing

2. Zone Easting Northing

4. Zone Easting Northing

[] See continuation sheet

Verbal Boundary Description

(Describe the boundaries of the property on a continuation sheet.)

Boundary Justification

(Explain why the boundaries were selected on a continuation sheet.)

11. Form Prepared By

name/title Office of Archaeology and Historic Preservation and Clay Fraser, principal

organization Colorado Historical Society and Fraser Design date May 21, 2002

street & number 1300 Broadway telephone 303-866-4681

city or town Denver state CO zip code 80203

Additional Documentation

Submit the following items with the completed form:

Continuation Sheets

Maps

A **USGS map** (7.5 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 Colorado Department of Transportation

street & number 4201 E. Arkansas Avenue telephone _____

city or town Denver state CO zip code 80222

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 USC. 470 *et seq.*)

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Granada Bridge
Prowers County, Colorado
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GEOGRAPHICAL DATA

VERBAL BOUNDARY DESCRIPTION

The Granada Bridge is located on US Highway 385 at milepost 97.32. The boundaries of this nomination consist of a rectangle of land 10 feet out in each direction from the footprint of the bridge.

BOUNDARY JUSTIFICATION

The nomination includes all the land directly and historically associated with the bridge.

PHOTOGRAPH LOG

The following information pertains to photograph numbers 1-3:

Name of Property: Granada Bridge
Location: Prowers County, Colorado
Photographer: Clayton Fraser
Date of Photographs: May 1999
Negatives: Colorado Department of Transportation

Photo No. Photographic Information

- 1 View north the length of the bridge.
- 2 View northeast from the south bank of the Arkansas River.
- 3 View northeast from the south bank of the Arkansas River near the southwest wingwall.

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Granada Bridge
Prowers County, Colorado
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USGS TOPOGRAPHIC MAP
Granada Quadrangle, Colorado
7.5 Minute Series, 1953

UTM: Zone 13 / 735879E / 4219440N
PLSS: 6th PM, T22S, R44W, Sec. 36, W SW NE Qtr.
Elevation: 4,470 feet

