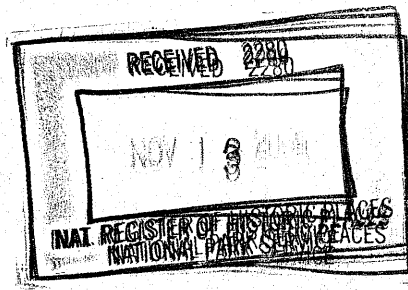


1164

United States Department of the Interior
National Park Service



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 10-9000a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

Historic name Fox Creek Stone Arch Bridge
Other name/site number Chase County Bridge # 9.2-03/KDOT Bridge # 903.3-520.2

2. Location

Street & number 1/2 mi. N & 3/4 mi. W of int. US 50 & Cottonwood St. not for publication
City or town Strong City vicinity
State Kansas Code KS County Chase Code 017 Zip code 66869

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 Selmer DSHPO 10/6/06
Signature of certifying official/Title Date
Kansas State 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 commenting 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 12-22-06
Signature of the Keeper Date of Action

Fox Creek Stone Arch Bridge
Name of Property

Chase Co., Kansas
County and 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 include previously listed resources in the count.)

Contributing	Noncontributing	
1		buildings
		sites
		structures
		objects
1		total

Name of related multiple property listing
(Enter "N/A" if property is not part of a multiple property listing.)

Masonry Arch Bridges of Kansas

Number of contributing resources previously listed in the National Register

N/A

6. Function or Use

Historic Functions
(Enter Categories from instructions)

Transportation: Road-Related (vehicular)

Current Functions
(Enter categories from instructions)

Transportation: Road Related (vehicular)

7. Description

Architectural Classification
(Enter categories from instructions)

Other: stone arch bridge

Materials
(Enter categories from instructions)

Foundation: Limestone
Walls: Limestone

Roof:

Other: Limestone, Concrete

Narrative Description

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

Fox Creek Stone Arch Bridge
Name of Property

Chase Co., Kansas
County and 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)

- 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 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.)

Areas of Significance

(Enter categories from instructions)

Engineering

Period of Significance

1898

Significant Dates

1898

Significant Person

(Complete if Criterion B is marked above)

N/A

Cultural Affiliation

N/A

Architect/Builder

B. Lantry & Sons

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: _____

Fox Creek Stone Arch Bridge
Name of Property

Chase Co., Kansas
County and State

10. Geographical Data

Acreage of Property Less than one.

UTM References
(Place additional UTM references on a continuation sheet.)

1

1	4	7	1	4	0	8	0	4	2	5	3	0	8	0
Zone		Easting						Northing						

2

Zone		Easting						Northing						

3

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 Ruth Childs
Organization Community Connection Trail Coalition Date 09/07/05
Street & number Route 1, Box 26 Telephone 620-273-6813
City or town Elmdale State KS Zip code 66850

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 SHPO or FPO for any additional items)

Property Owner

Name Chase County
Street & number P.O. Box 547, Broadway & Pearl Sts. Telephone 620-273-6423
City or town Cottonwood Falls State KS Zip code 66845

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 7 Page 1

Fox Creek Stone Arch Bridge
Chase Co., Kansas

Description

Summary

The Fox Creek Stone Arch Bridge spans Fox Creek in north central Chase County, Kansas. It is on a county road located ½ mile North and ¾ mile West of the intersection of US Highway 50 and Cottonwood Street in Strong City, Kansas. The bridge is located over Fox Creek in the NW ¼ of Section 17 of Township 19 South, Range 8 East. The county contracted for a single arch limestone bridge to be built in 1897 and it was finished in 1898. No significant modifications have been performed to the structure to date. The bridge span length is 40', and the structure length is 55' (Edge of Wearing Surface to Edge of Wearing Surface). The bridge roadway width is 16', and the total width of the bridge deck is 20'. The bridge has a sufficiency rating of 47%.

Elaboration

The structure consists of native limestone blocks combined with concrete mortar. The fitted limestone blocks were cut from a nearby quarry. The Fox Creek Stone Arch Bridge was designed and constructed in the limestone arch style that relies on compression of the stones for structural strength. This pattern is similar to other Chase County historic stone arch bridges. Compacted fill within the structure provides distribution of live and dead loads through the arch. The center of the bridge is graded to be higher than the edges and provides good surface drainage. The cracks between the stones and a good aggregate base provide drainage for the bridge.

The bridge was built by Chase County. A notice to contractors was published November 18, 1897 in the *Chase County Leader* newspaper asking for bids for a single arch stone bridge across Fox Creek. The January 13, 1898 edition of the *Chase County Leader* reports the order awarding the contract to Lantry Sons to build a single stone arch bridge on Fox Creek not to exceed \$2,000. Labor for the contraction consisted of a local work force skilled in limestone rock construction.

While showing some significant deterioration from erosion of the limestone, the bridge has remained in use for public vehicular traffic since its construction in 1898 to the present time, and is listed on the Federal Highway Administrations bridge inventory in Chase County. Structural inspections are performed biennially to evaluate the condition of the bridge. At the present time this county road and this historic bridge are part of the only emergency evacuation route for the residential part of Strong City north of Highway 50.

Fox Creek Bridge is part of the Community Connection Trail, a bike and pedestrian trail connecting, Strong City, and Tallgrass Prairie National Preserve. The bridge is a scenic feature of the trail as well as a connection between town and country.

United States Department of the Interior
National Park Service

National Register of Historic Places
Continuation Sheet

Section number 8 Page 2

Fox Creek Stone Arch Bridge
Chase Co., Kansas

Statement of Significance

Summary

The Fox Creek Stone Arch Bridge is being nominated to the National Register under Criterion C for its architectural significance as a limestone, single arch bridge and is to be included in the "Masonry Arch Bridges of Kansas" thematic resources nomination. The bridge is simple, yet functional with a single arch design. It spans Fox Creek, a tributary of the Cottonwood River in central Chase County, north of Strong City. The bridge's native limestone construction is typical of structures built in the area and is representative of the master stone builders and craftsmanship of this area. The bridge is located over Fox Creek in the NW ¼ of Section 17 of Township 19 South, Range 8 East.

History

The bridge was part of the construction undertaken as part of needed road work as Chase County was settled and county roads became a vital part of every day business, farming and ranching. According to the local newspaper, *The Chase County Leader*, at least one bridge was washed away at this location. There was need for a strong permanent bridge. Lantry Sons (Barney Lantry & Sons) was contracted by Chase County to build a stone bridge in 1898.

The Fox Creek Stone Arch Bridge is one of at least five stone arch bridges remaining in Chase County, along with several stone arch culverts that are smaller than a bridge, by definition. The native limestone components are typical of the construction methods used in the area for churches, schools, home, and various infrastructure improvements. The use dates back to the early settlers of the area. Other native limestone projects in the area include the Opera House and Grade School in Strong City, the Municipal Building and Chase County Courthouse in Cottonwood Falls along with many stone walls and water way ditches lined with native limestone. Abundant limestone in this Flint Hills area continues to provide the native limestone for many projects.

The Fox Creek Stone Arch Bridge remains a part of the public highway transportation system for Chase County and used by typical rural traffic. The bridge is part of the Community Connection Trail. This will be a bicycle and pedestrian pathway between Cottonwood Falls, Strong City and the Fox Creek Bottomland Trails of the Tallgrass Prairie National Park.

The bridge has been routinely inspected and with rehabilitation should retain structural integrity as well as being preserved as an example of local stone arch bridge building skill and visual enjoyment.

United States Department of the Interior
National Park Service

**National Register of Historic Places
Continuation Sheet**

Section number 9,10,11 Page 2

Fox Creek Stone Arch Bridge
Chase Co., Kansas

Bibliography

Chase County Leader. October 18, 1897; January 13, 1898.

Strong City Derrick. January 14, 1898.

Roots & Patchwork: an Historical View of Chase County, Kansas U.S.A. The Chase County Historical Society, (Kansas Graphics, Inc., Cottonwood Falls, Kansas, 2002)

Picture archives of The Chase County Historical Museum

Verbal Boundary Description

The boundary of this property is described as being centered on the county road right-of-way with the north boundary twenty-five feet north of the center line of the bridge and the south boundary twenty-five feet south of the center line of the bridge. The east and west boundaries lie seventy feet from the center of the bridge.

Boundary Justification

These boundaries were selected to encompass the entire right-of-way surrounding the bridge.

Photographic Information

The following information is consistent for all photographs:

Fox Creek Stone Arch Bridge

Chase County, Kansas

Photograph by Patrick Zollner

February 2006

Digital image archived at the Kansas State Historical Society

The following information is specific to each photograph:

Photo # 1 View from the southeast.

Photo # 2 View of roadbed from the east.

Photo # 3 View of stone arch detail from the northeast.