

February 23, 2024

## Availability of Christian County Green Bridge (2490003) for Reuse

Please find the enclosed information about the availability of Christian County Green Bridge on Smyrna Road over the Finley River. Christian County and Great River Engineering (GRE) are developing plans for construction of a replacement structure and are making the existing truss bridge available for donation to a State, locality, or responsible public or private entity providing certain conditions are met. Therefore, on behalf of Christian County, GRE is seeking proposals for the reuse of Green Bridge.

Additional information is enclosed with this letter. Anyone interested in reusing the bridge or bridge components is urged to submit a letter of interest and subsequent proposal to Great River Engineering, Attn: Christian County Green Bridge Reuse, 2826 S Ingram Mill Rd, Springfield, MO, 65804. Electronic submissions will be accepted via email to John Cahill at [jcahill@greatriv.com](mailto:jcahill@greatriv.com)

### ***Letter of Interest***

Letters of Interest shall be submitted by **12:00pm on Friday, March 15**. Letters of Interest shall include a statement of interest in reusing the existing Green Bridge structure, a brief description of the proposed reuse, and a statement of intent to submit a full proposal by the deadline below.

### ***Proposal***

Full proposals shall be submitted by **12:00pm on Friday, April 19**. A proposal checklist is enclosed with this letter.

Proposals received for the reuse of Christian County Green Bridge, will be evaluated by the Christian County Commission, Christian County Highway Department, and GRE based on how well they demonstrate the ability of the applicant to preserve the features of the bridge that make it historically significant to the local community. Priority will be given to proposals that:

- Preserve the bridge near the point of origin;
- Preserve the bridge in the State of Missouri;
- Preserve the entire bridge; or
- Preserve the most spans

Proposals will also be evaluated based on the financial resources of the applicant and their ability to provide long-term maintenance of the bridge. If a proposal does not include provisions to assume future financial and legal responsibility, it will be considered incomplete, and may not be considered.

If a proposal is accepted, Christian County will inform the approved applicant. The county and the applicant will then work to develop a transfer agreement and timing for the removal of the bridge, as described above.

Please share this information with others who may be interested in acquiring the bridge. If you have questions or need additional information, please contact John Cahill, GRE Project Manager, at (417) 886-7171 or [jcahill@greatriv.com](mailto:jcahill@greatriv.com).

2826 S. Ingram Mill Rd., Springfield, MO 65804  
417.886.7171  
[www.greatriv.com](http://www.greatriv.com)

# Green Bridge, 2490003, Christian County

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## Bridge Location

County: Christian

Road: Smyrna Road

Feature Crossed: Finley River

Other Location Information: Located 3 miles northeast of Ozark, MO

Structure Number or County Bridge Number: Bridge No. 2490003

## Bridge Information

Owner: Christian County

Type: Seven panel, pin-connected Pratt through truss span

Length: 281' overall

Width: 11'-10"

Year Built: 1912

Builder: Canton Bridge Company of Canton, Ohio

Current Load Rating: N/A (Bridge Closed)

History of Modifications, Rehabilitations, etc.:

- Approach spans were replaced in 1977 and substantially repaired in 2004
- Floorbeam & partial deck replacement in 2015
- L3 member repairs in 2017
- Closed to traffic in 2024

Other Comments: Concrete deck, steel pile bents, and concrete column piers

## Narrative Description:

Bridge 2490003 carrying Smyrna Road over the Finley River in Christian County is a 1912, 120' long, seven-panel, pin-connected Pratt through truss span with three girder approach spans on the north end and two girder approach spans on the south end, which were replaced in 1977 and substantially repaired in 2004. The truss was fabricated by the Canton Bridge Company of Canton, Ohio.

The bridge has a total length of 281'. It has a concrete deck with a roadway width of 11' 10". There are steel pile bents and concrete column piers. Due to deterioration, it is currently posted at 5 tons.

Based on the 2019 National Bridge Inventory list, Missouri has thirty-nine pin-connected through truss bridges. Thirty-eight of these bridges are located on the county and local roadway system (off-system bridges) and one is located on the state highway system.

Bridge 2490003 was recommended as not eligible for listing on the National Register of Historic Places (NRHP) during the Historic Bridge Inventory described as a typical example with poor physical integrity due to the replacement of the substructure and the approach spans. Despite this recommendation, Christian County recognizes the local historic significance of this structure.

On behalf of Christian County, Great River Engineering (GRE) is now accepting proposals for the relocation and reuse of the bridge or its components until April 19, 2024. Interested parties should contact GRE to request additional information and a proposal checklist.

**For further information and proposal submittals, interested parties may contact:**

Name: John Cahill, PE  
Organization: Great River Engineering  
Address: 2826 S Ingram Mill Rd, Springfield, MO 65804  
E-Mail: [jcahill@greatriv.com](mailto:jcahill@greatriv.com)  
Phone: (417) 886-7171

## Christian County Green Bridge Relocation and Reuse Proposal Checklist

Proposals submitted for relocation and reuse of Christian County Green Bridge or its elements should include the following information:

- Map(s) showing the new location of the bridge or elements. This includes USGS topographic maps, city maps, or labeled aerial photos, etc.
- Images of the site where the bridge or elements would be relocated. Please provide general photos of the area and specific views of the location for the new substructure and the surrounding area.
- How the bridge or elements will be reused (adapted for city use, recreational trails, etc.).
- Dismantling/relocation plan. This plan should specify the following:
  - How the bridge will be dismantled
  - The name of the contractor involved in moving the bridge
  - How the various components will be coded for proper reassembly (if applicable)
  - What rehabilitation work will be performed on the structure
- Estimated time necessary for rehabilitation and/or estimates of the time before the bridge will be put into reuse.
- Cost estimates for relocation and rehabilitation.

Proposals submitted for adoption of Christian County Green Bridge in its current location should include the following information:

- Plan for its rehabilitation/preservation and maintenance of the bridge.
- Estimated time necessary for rehabilitation and/or estimates of the time before the bridge will be put into reuse.
- Cost estimates for rehabilitation.

Any proposal for acquisition of a Christian County Green Bridge ***whether in current or new location*** should include:

- A statement indicating willingness to accept title to (ownership of) the bridge.
- Willingness to assume all future legal and financial responsibility for the bridge, which will include an agreement to hold the Christian County Commission and Christian County Highway Department harmless in any liability action.
- Willingness to preserve the bridge and features which make it historically significant to the local community.

BEGIN CONSTRUCTION  
 STA 0+00.00  
 MATCH EXISTING  
 N 439410.89  
 E 1443401.76

PROPOSED ALIGNMENT

CL GREENBRIDGE RD STA 4+71.16  
 = CL HAWKINS RD STA 0+00  
 N 439217.46  
 E 1443818.58

END CONSTRUCTION  
 HAWKINS RD.  
 STA 3+12.97  
 N 438944.80  
 E 1443680.58

EXIST. ALIGNMENT

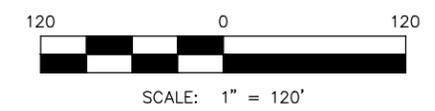
END CONSTRUCTION  
 STA 18+00.00  
 MATCH EXISTING  
 N 439468.24  
 E 1444727.45

PROPOSED ALIGNMENT

Proposed Replacement Structure

Location of Existing Green Bridge Structure

EXIST. ALIGNMENT



Date	
Revision/Issue	
No.	1
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.	
"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."	

**GREEN BRIDGE OVER FINLEY RIVER  
 CHRISTIAN COUNTY, MISSOURI**

**OVERALL SITE PLAN**

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CHECKED BY: SNJ  
 DRAWN BY: KFB  
 JOB NUMBER: 4049.01  
 FILE NAME: 4049.01\_CIVIL  
 SCALE: NO SCALE  
 ISSUE DATE: 02.20.2017  
 SHEET NUMBER: