Historic Bridge Adoption Information Packet

Comanche County

County Road (CR) 392

Resley Creek

August 10, 2022

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Announcement

The Texas Department of Transportation (TxDOT) seeks adopters for the historic bridge detailed below for reuse according to federal transportation and historic preservation laws. The bridge is located in Comanche County, on County Road (CR) 392 crossing Resley Creek.

Letters of interest and/or reuse proposals will be accepted until 5 p.m. on November 30, 2022. TxDOT is currently undergoing alternatives analysis for this project. The outcome of the analysis may impact the availability of this bridge. Priority for assistance will be given to public entities seeking to reuse the bridge in a public or publicly visible space. Bridges available through this program are not suitable for vehicular service. All rehabilitation work must conform to the Secretary of the Interior's *Standards for Rehabilitation* in consultation with the Texas Historical Commission (THC).

Interested parties may request additional information, indicate an interest, or submit a reuse proposal by contacting:

Andrew Chisholm, District Environmental Coordinator
TxDOT Brownwood District
2495 HWY 183 North, Brownwood, TX 76802
Phone Number: (325) 643-0442
Email address: andrew.chisholm@txdot.gov

Bridge Location

- **County:** Comanche
- **Highway or Facility:** County Road 392
- **Feature Crossed:** Resley Creek
- **GIS Locational Information** https://arcg.is/1DCnOb0

Bridge Information

- **Bridge Owner** Comanche County
- **Main-span Type:** Warren pony truss
- **Main-span Length** 60 feet
- **Roadway Width** 16 feet
- **Year Built** 1936

Bridge Condition and Load Rating

The bridge is curently in Fair condition. The truss beams have widespread paint failure and minor rust. Two members are deformed and the truss rail has impact damage. Some connection rivets have gaps between the rivert heads and the connection angle. Lateral bracing members are missing, detached, or sagging. The concrete top deck has minor wear and cracks. The northeast abutment is underminded due to erosion. The stream is migrating toward the Bent 2 truss support, resulting in minor undermining at the bent webwall. Undermining is likely to worsen as stream migration continues. The bridge's current load rating is not sufficient to carry ambulances, fire trucks, and other large vehicles. The width of the bridge cannot accommodate these larger vehicles. The bridge's current weight limit is 40,000 Gross and 21,000 lbs Tandem Axle.

Historic Significance of the Bridge

In 2014, the Texas State Historic Preservation Office (SHPO) determined all extant metal truss bridges in Texas historically significant under *Criterion C* at the local level as rare surviving examples of their type.

TxDOT Estimated Work Items and Costs

Costs to rehabilitate and relocate the bridge for pedestrian use are estimated by TxDOT bridge engineers based on TxDOT expenditures for similar items on other bridges. All prospective owners should have access to a structural engineer to assist in determining the appropriate work to be completed as well as appropriate estimates. Costs may vary outside the TxDOT system.

The following construction items may be phased.

▪ Remove and Relocate Truss span:	$26,700
▪ Repair damaged members and corroded sections on truss members:	$15,520
▪ Install new bridge deck:	$42,400
▪ Install pedestrian railing:	$16,000
▪ Clean and paint existing structure:	$130,000
Total Costs	**$230,620[1]**

[1] Estimate does not include supports to be installed at new location.

Bridge Photographs