Historic Bridge Adoption Information Packet

Burleson County
County Road (CR) 146 at Birch Creek
0917-30-053

May 2023
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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 Burleson County, on County Road (CR) 146 Bridge crossing Birch Creek.

Letters of interest and/or reuse proposals will be accepted until 5 p.m. on December 31, 2024. 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:

Thomas Pickering, Environmental Specialist
TxDOT Bryan District
2591 North Earl Rudder Freeway
Rudder, Texas  77803
Phone Number: (979) 778-9601
Email address: Tom.pickering@txdot.gov
Bridge Location

- County: Burleson
- Highway or Facility: County Road (CR) 146
- Feature Crossed: Birch Creek
- GIS Locational Information: https://arcg.is/1ibPXW

Bridge Information

- Bridge Owner: Burleson County
- Main-span Type: 2-span steel truss
- Main-span Length: 80 feet
- Roadway Width: 14 feet
- Year Built: 1931
- Builder: Unknown

Bridge Condition and Load Rating

The bridge is in overall poor condition due to severe rusting of intermediate support piling, stringers, floorbeams, and various areas on the truss bottom chords and end posts. The bridge is currently closed to traffic due to section loss in piles and the stringers.

Historic Significance of the Bridge

The CR 146 Bridge possesses significance as a survivor of a rare truss type. The bridge retains sufficient integrity to convey its significance and is determined eligible for National Register of Historic Places listing under Criterion C in the area of Engineering. In addition, per a policy decision by the Texas SHPO, the Executive Director of the Texas Historical Commission in 2014, all metal trusses constructed before 1946 are significant at the local level as embodying distinctive characteristics of a 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: $65,000.00
- New Abutments: $30,000.00
- Install new bridge deck: $33,600.00
- Install pedestrian railing: $19,200.00
- Clean and paint existing structure: $100,000.00
- Replace Steel Stringers: $72,000.00
- Replace Floorbeams: $18,000.00
- Repair Steel Piling: $12,000.00
- Repair End Post: $2,000.00
- Upgrade Bridge Railing: $9,600.00
- Drilled Shafts: $15,600.00

Total Costs: $377,000.00
Bridge Photographs

![Top Bridge Photograph]

![Bottom Bridge Photograph]