

General Bridge Information:

TXDOT District: Brownwood
County: Brown
Structure ID: 230250AA0114002
Facility Carried: CR 114
Feature Crossed: Turkey Creek
Bridge Owner: County Highway Agency

Statement of Eligibility:

This evaluation does not reflect potential significance under Criterion A. Criterion A evaluations must be conducted at the local level of significance in the area of Transportation, per the registration requirements established in the "Historic Road Infrastructure of Texas" MPS. This evaluation would typically be conducted in conjunction with project planning for future projects prior to Section 106 consultation.

Bridge 230250AA0114002 carries County Road 114 over Turkey Creek in Brown County. TxDOT bridge inspection records incorrectly list the bridge's construction date as 1936. However, the bridge was actually constructed in 1916 and moved to its current location in 1933, according to the Texas Department of Transportation Historic Bridge File. It is a one-span, shop-riveted and field bolted Pratt through truss with an overall structure length of 131 feet. The bridge is significant as one of 18 remaining examples of Pratt through truss bridges originally designed as vehicular bridges in Texas.

It does not meet any other thresholds for engineering significance. For example it does not meet the threshold for early use of riveted connections because it was constructed after 1917. In addition, it does not meet the threshold for work of a master and does not possess high artistic value.

The bridge retains integrity of location as it was moved to its current location in 1933, during the historic period. In 2010-2011, the bridge was rehabilitated. The work included replacing non-historic floor beams, replacing stringers and the deck, correcting the assembly of switched truss members, straightening bent diagonal, repairing railing, cleaning and painting the truss, replacing damaged or missing rivets with high strength bolts, and repairing bearing shoes. The work was completed in compliance with the Secretary of the Interior's Standards for Rehabilitation and did not adversely affect the character-defining features of the bridge. As such, the bridge retains integrity of design, materials, workmanship, setting, feeling, and association.

Based on the registration requirements established in the "Historic Road Infrastructure of Texas" MPS, Bridge 230250AA0114002 possesses significance as a rare surviving example in the state of a once-common type, the Pratt through truss. The bridge retains sufficient integrity to convey its significance and is recommended 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. Determination as to whether this particular metal truss bridge possesses sufficient integrity to warrant eligibility for listing in the NRHP requires consultation with the Texas SHPO.

Statewide Vehicular Truss Bridge Reevaluation

GENERAL BRIDGE INFORMATION

District: Brownwood
County: Brown
Feature Crossed: TURKEY CREEK
Bridge Owner: County Highway Agency
Latitude: 31.98344386

Structure ID: 230250AA0114002
Location: 0.95 MI W OF SH 279
Facility Carried: CR 114
Longitude: -99.14858151



Photo 1: Elevation of the one-span Pratt through truss; a rare survivor of a once-common truss type; view facing southeast



Photo 2: Overview of truss and approach roadway; view facing east

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Photo 3: Detail of primary structural connection at top chord, end post, and portal



Photo 4: Detail of bottom chord and primary structural connections

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Photo 5: Detail of truss panel



Photo 6: