

General Bridge Information:

TXDOT District: Yoakum
County: Lavaca
Structure ID: 131430AA0437001
Facility Carried: CR 213
Feature Crossed: Mixon 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 131430AA0437001 carries County Road 213 over Mixon Creek #1 in Lavaca County. Constructed in 1936, it is a one-span, riveted Warren pony truss with an overall structure length of 75 feet. It has a polygonal top chord with riveted members and one set of verticals. As one of 14 extant examples, the bridge is significant as a rare type: the Warren pony truss with a polygonal top chord.

It does not meet any other thresholds for engineering significance. For example, it does not represent the work of a master or possess high artistic value.

The bridge remains in its original location and therefore retains integrity of location. Prestressed concrete channel beams span from abutment to abutment. The beams now serve as the bridge's deck and as the primary load-carrying structural members. The bridge no longer functions as a truss. Welded seams are visible at the junction of the truss endposts and top chords. Due to severe alterations, the bridge has lost integrity of design, workmanship, feeling, and association. The bridge retains integrity of materials and setting.

Based on the registration requirements established in the "Historic Road Infrastructure of Texas" MPS, Bridge 131430AA0437001 possesses significance as a survivor of a rare truss type. However, as a result of the major integrity loss, the bridge does not retain sufficient integrity to convey its significance for National Register of Historic Places listing.

However, 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: Yoakum
County: Lavaca
Feature Crossed: MIXON CREEK #1
Bridge Owner: County Highway Agency
Latitude: 29.53245658

Structure ID: 131430AA0437001
Location: 1.15 MI E OF US 77
Facility Carried: COUNTY ROAD 213
Longitude: -96.89957529



Photo 1: Overview of bridge deck and approaches; view facing north



Photo 2: Overview of west elevation; view facing southwest

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Photo 3: Overview of west elevation; view facing northwest



Photo 4: Detail of primary connection; view facing northwest

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Photo 5: Detail of underside; view facing north



Photo 6: Detail of endpost and abutment; view facing east