

General Bridge Information:

TXDOT District: San Antonio
County: Bexar
Structure ID: 150150B00275001
Facility Carried: Augusta St
Feature Crossed: San Antonio River
Bridge Owner: City or Municipal 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 150150B00275001 carries Augusta Street over the San Antonia River in San Antonio, Bexar County. It is a simple span, pin-connected, lenticular pony truss with polygonal top and bottom chords, a main span length of 99 feet, and an overall structure length of 101 feet. The bridge was built in 1890 by the Berlin Iron Bridge Company. The bridge is significant as one of three known examples in the state of the lenticular pony truss type. It is among a small group of Texas lenticular trusses that are the only lenticular trusses west of the Mississippi River. It is additionally significant for its use of pin connections before 1900 and riveted connections before 1917, and its use of both cast and wrought iron. It is significant for its ornamental iron end-post elements (a feature unique to lenticular truss design), railing posts, and lattice railing.

The bridge remains in its original location and therefore retains integrity of location. The only alterations involve occasional replacement of some rivets with bolts, which does not affect the truss span's integrity of design, materials, workmanship, setting, feeling, and association.

Based on the registration requirements established in the "Historic Road Infrastructure of Texas" MPS, Bridge 150150B00275001 possesses significance as a survivor of a rare truss type and for high artistic value expressed in the ornamentation of the prominent truss end post and the railing. 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:	San Antonio	Structure ID:	150150B00275001
County:	Bexar	Location:	0.05 MI N OF CONVENT ST
Feature Crossed:	SAN ANTONIO RIVER	Facility Carried:	AUGUSTA ST
Bridge Owner:	City or Municipal Highway Agency		
Latitude:	29.43022144	Longitude:	-98.49251709



Photo 1: Elevation, facing east, showing the lenticular design of the top and bottom chords that comprise the significant truss type of which this is one of the few known examples in the state



Photo 2: Deck view, facing south

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Photo 3: Detail of upper chord pin connection at end post, exterior view



Photo 4: Detail of truss ornamental end post at northwest corner

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Photo 5: Detail of ornamental railing end panel and end post at southwest corner



Photo 6: View of underside of truss, facing southeast, including lower chord, built-up floor beams and sidewalk brackets, and stone abutment