

Inventory of Metal Truss, Movable, and Steel Arch Bridges

Bridge #: 24 0051 **District** 3
Road: STATE ROUTE 160 **Route:** 160 **PM:** 5.86

Evaluation Summary (NRHP Eligibility)

Previous: 2 Eligible
Update: 2 Eligible

Feature Intersected: SACRAMENTO RIVER ISLETON

City: **County** Sacramento

Other Location Info: 0.5 MILES SOUTH OF ISLETON ON
STATE ROUTE 160

Year Built: 1923 **Moved:** No

2nd Date: 1953 Year Altered _____ Year Moved

Owner: State

Builder: American Bridge Company

Designer: Strauss Engineering Corp.

Contractor: Jenkins & Elton

Description: Bridge 24 0051 has two lanes, three truss spans, and four approach spans, all resting on concrete pier walls. The mainspan is a steel, rigid-connected Bascule through truss, 226 feet long. Secondary spans are reinforced concrete tied arch through truss spans, each 102 feet long. In addition to the steel truss and concrete arch spans, there are two concrete girder spans of 18 and 20 feet at each end of the bridge. In 1953, the original wood deck was replaced by a concrete deck on the approach spans and a steel grid deck on the bascule leaves.

Surveyor: CDM / JMC

Survey Date: 3/13/2003

<u>Points</u>	<u>1986</u>	<u>2003</u>
Date of Construction	8 1920-1929 period	8 1920-1929 period
Builder/Designer Significant	12 Major example of signif. builder / designer	12 Major example of signif. builder / designer
<i>Length:</i>		
Number of Spans	4 3 span(s)	4 3 span(s)
Length of Spans	8 pony >80; through >150; deck >150	8 pony >80; through >150; deck >150
Surviving # of Type	5 16	7 14
<i>Special Features:</i>		
Pin Connected	0 Is not pin-connected	0 Is not pin-connected
Iron	0 Is not iron	0 Is not iron
Decorative Feature	0 none	2 minor
<i>Aesthetics</i>		
Site	5 Excellent	5 Excellent
Structural	4 Good	4 Good
<i>Integrity:</i>		
Location/Setting	0 Excellent	0 Excellent
Design/Material	0 Excellent	0 Excellent
Feeling/Association	0 Excellent	0 Excellent
Transport. / Hist.Assoc.	3 Local	N/A
Totals	49	50

Criterion A Evaluation

See Historic Evaluation.

Notes:

Rehab in 2000. No Adverse Effect.

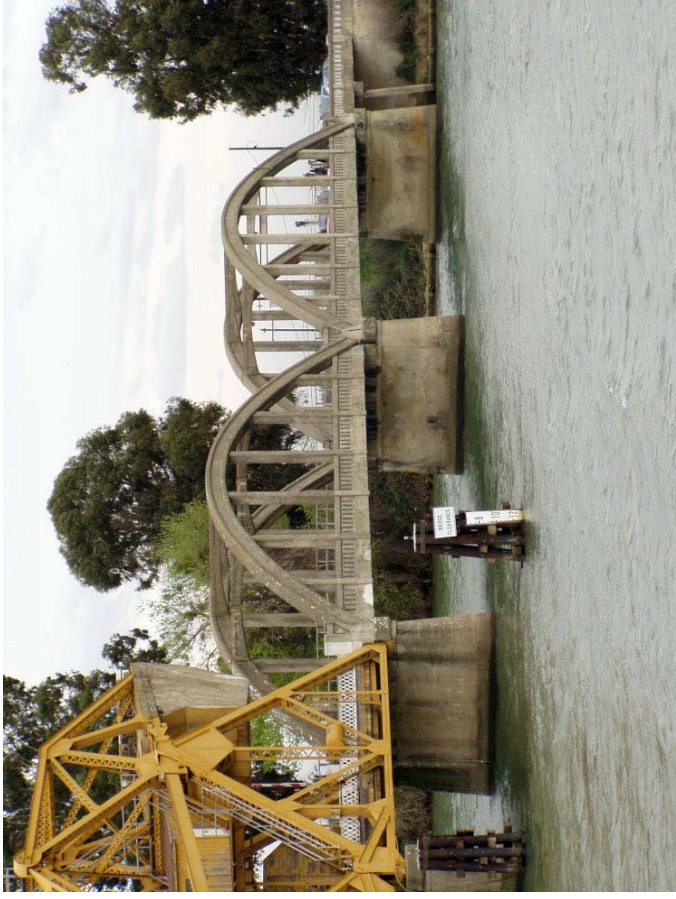
Two points added for concrete railings as decorative feature. Surviving number of type score increased.

Historic Evaluation

The Isleton Bridge (24 0051) on the Sacramento River in Sacramento County was found eligible for listing in the National Register of Historic Places as part of the bridge inventory conducted by Caltrans in the 1980s. The evaluation concluded that the bridge was eligible for listing under Criterion C as it embodied the distinctive characteristics of a type and method of construction, as well as Criterion A, as a vital link on an important highway. Built in 1923 by the American Bridge Company, a master bridge building company, the Isleton Bridge is one of five unaltered examples of the Strauss Heel Trunnion Bascule bridge design in California. The innovative design is one of the most important patented bascules. Designed by J.B. Strauss, the bridge is the work of a master. Furthermore, it has been an important component to transportation in the Sacramento River delta area.



Facing northeast



Facing northeast



Facing east



Facing southeast



Facing northeast



Facing northwest



Facing west

