

Inventory of Metal Truss, Movable, and Steel Arch Bridges

Bridge #: 10C0046 **District** 1

Road: GUALALA RD **Route:** **PM:**

Feature Intersected: NORTH FORK GUALALA RIVER

City: **County** Mendocino

Other Location Info: 2 MILES FROM STATE ROUTE 1 JUNCTION

Evaluation Summary (NRHP Eligibility)

Previous: 2 Eligible

Update: 2 Eligible

Description: This one lane structure is an Iron, pin-connected Pratt through truss, measuring 130 feet long.

Year Built: 1899 **Moved:** Yes

2nd Date: _____ Year Altered _____ Year Moved

Owner: County

Builder: Phoenix Bridge Company

Designer:

Surveyor: AB / NC

Contractor:

Survey Date: 8/20/2003

<u>Points</u>	<u>1986</u>	<u>2003</u>
Date of Construction	20 Pre-1900 period	20 Pre-1900 period
Builder/Designer Signific	12 Major example of signif. builder / designer	12 Major example of signif. builder / designer
<i>Length:</i>		
Number of Spans	0 1 span(s)	0 1 span(s)
Length of Spans	4 pony 60-80; through 125-150 feet	4 pony 60-80; through 125-150 feet
Surviving # of Type	0 >20	0 >20
<i>Special Features:</i>		
Pin Connected	4 Is pin-connected	4 Is pin-connected
Iron	4 Is iron	4 Is iron
Decorative Feature	4 major	4 major
<i>Aesthetics</i>		
Site	5 Excellent	5 Excellent
Structural	4 Good	4 Good
<i>Integrity:</i>		
Location/Setting	-3 Good	-3 Good
Design/Material	0 Excellent	0 Excellent
Feeling/Association	0 Excellent	0 Excellent
Transport. / Hist.Assoc.	0 None / unknown	N/A
Totals	54	54

Criterion A Evaluation

See Historic Evaluation.

Notes:

Bridge Log dates bridge 1940, Truss rating sheet estimates date of 1899.

Historic Evaluation

The North Fork Gualala River Bridge (10C0046) in Mendocino 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. The bridge may have originally been a Northwest Pacific Railroad bridge built near Camp Meeker in Sonoma County in 1899 by the Phoenix Bridge Company, a master bridge building company. Mendocino County purchased the bridge in 1932 and moved the bridge to its present location for roadway use. A major example for the Phoenix Bridge Company, the bridge is one of four existing examples in California. The cast iron through Pratt truss is pin connected and reaches a length of 130 feet. Furthermore the bridge features the Phoenix Column, a hollow wrought iron column consisting of four iron flanges riveted together at the corners. This innovative design provided greater strength and height.

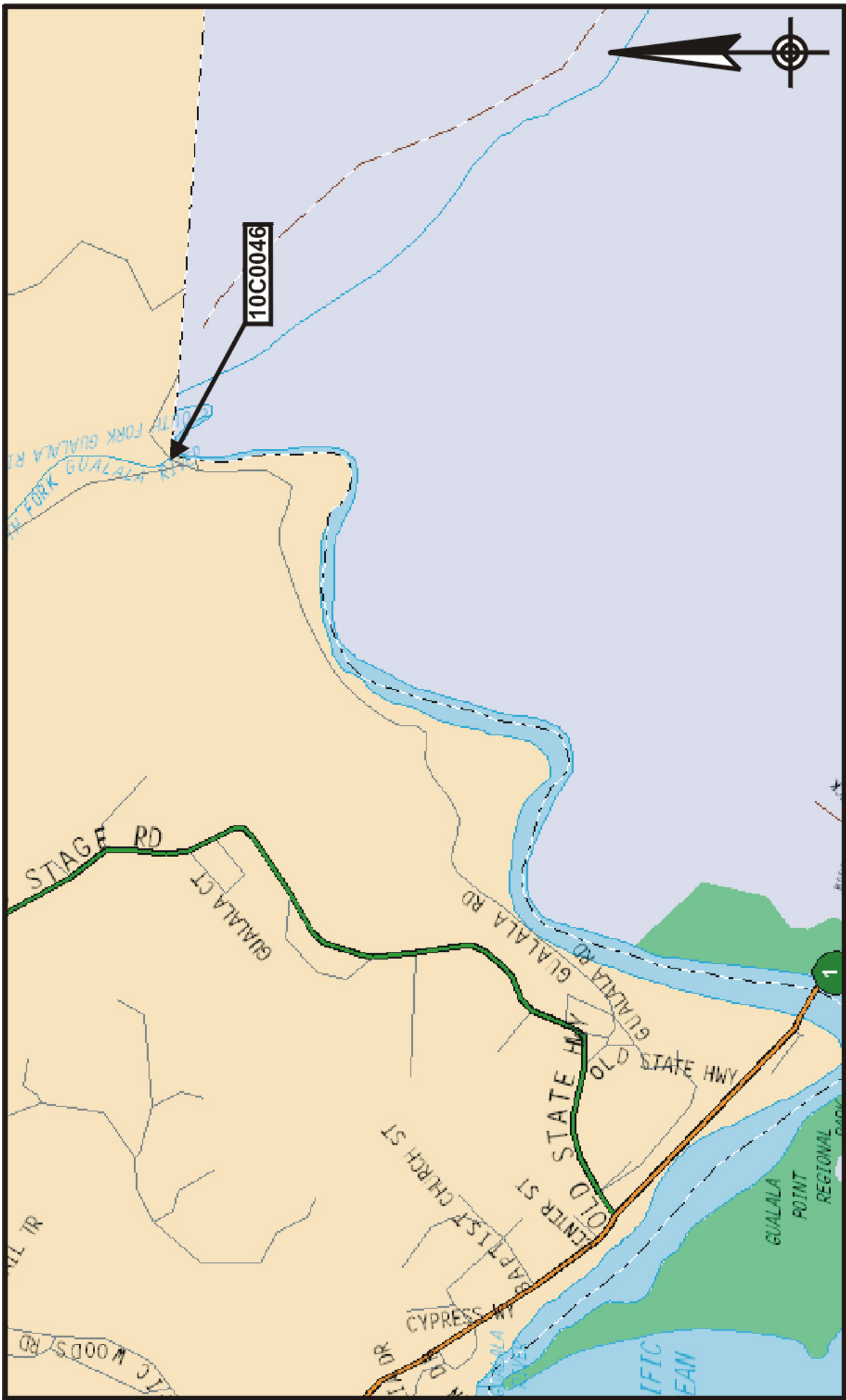


Facing east



Facing southeast

Location Map



Inventory of Metal Truss, Movable, and Steel Arch Bridges

Bridge #: 10C0070 **District** 1
Road: HEARST-WILLITS RD **Route:** **PM:**
Feature Intersected: EEL RIVER

Evaluation Summary (NRHP Eligibility)

Previous: 5 Not eligible

Update: 5 Not eligible

City: **County** Mendocino
Other Location Info: 5.4 MILES NORTH TOMKI RD
 JUNCTION

Description: Bridge 10C0070 is a two lane, steel, pin-connected structure with two truss Pratt through truss spans, each 130 feet long and timber trestle approach spans.

Year Built: 1911 **Moved:** Yes
2nd Date: _____ Year Altered _____ 1957 Year Moved

Owner: County

Builder:

Designer: Mendocino County Surveyor

Surveyor: AB / NC

Contractor: Al Erickson & Company

Survey Date: 8/19/2003

Points	1986	2003
Date of Construction	12 1910-1919 period	12 1910-1919 period
Builder/Designer Significant	0 Not significant or not known	0 Not significant or not known
<i>Length:</i>		
Number of Spans	2 2 span(s)	2 2 span(s)
Length of Spans	4 pony 60-80; through 125-150 feet	4 pony 60-80; through 125-150 feet
Surviving # of Type	0 >20	0 >20
<i>Special Features:</i>		
Pin Connected	4 Is pin-connected	4 Is pin-connected
Iron	0 Is not iron	0 Is not iron
Decorative Feature	2 minor	2 minor
<i>Aesthetics</i>		
Site	2 Fair	2 Fair
Structural	4 Good	4 Good
<i>Integrity:</i>		
Location/Setting	-9 Poor	-9 Poor
Design/Material	-6 Fair	-3 Good
Feeling/Association	-2 Fair	-2 Fair
Transport. / Hist.Assoc.	0 None / unknown	N/A
Totals	13	16

Criterion A Evaluation

Originally built in 1911 over the Santa Clara River in Ventura, this bridge replaced an existing structure at its present location in 1957. It does not appear to have fostered any additional development in the area. Overall, this bridge does not appear to be a significant example within the context of local area road improvements that were prevalent throughout the state during this time period. Reference: Potter Valley Quad, 1947.

Notes:

Score for integrity of design/materials/workmanship changed for consistency with other similarly modified bridges.

Score of less than 30 points indicates a lack of significance under Criterion C.