

Inventory of Metal Truss, Movable, and Steel Arch Bridges

Bridge #: 38C0168 **District** 10

Road: KILBURN ROAD **Route:** **PM:**

Feature Intersected: ORESTIMBA CREEK

City: **County** Stanislaus

Other Location Info: 0.45 MILES SOUTH OF CROWS LANDING ROAD

Year Built: 1906 **Moved:** Yes

2nd Date: 1918 Year Altered 1918 Year Moved

Evaluation Summary (NRHP Eligibility)

Previous: 2 Eligible
Update: 2 Eligible

Description: This structure is a steel, rigid-connected concrete encased pony truss span, 60 feet long. It carries two lanes. The bridge was moved to this location in 1918.

Owner: County

Builder: Pacific Construction Company

Designer: D. M. McPhetre

Contractor:

Surveyor: CDM / JMC

Survey Date: 5/29/2003

<u>Points</u>	<u>1986</u>	<u>2003</u>
Date of Construction	16 1900-1909 period	16 1900-1909 period
Builder/Designer Significant	6 Minor example of signif. builder / designer	6 Minor 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	20 1	20 1
<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	2 minor	2 minor
<i>Aesthetics</i>		
Site	4 Good	4 Good
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.	0 None / unknown	N/A
Totals	56	56

Criterion A Evaluation

See Historic Evaluation.

Notes:

Bridge log dates bridge to 1910 and the year widened / extended to 1918. 1980s Truss Rating Sheet dates structure to 1906 moved in 1918. Reference: Plans and contract, Stanislaus County.

Historic Evaluation

The Orestimba Creek Bridge in Stanislaus County (38C0168), 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 method of construction and as a work of a master. Built in 1906 during a period of exploration in the use of concrete in bridge design, the bridge, which uses both reinforced concrete and truss technology, is a unique illustration of the innovations of the period. The existing steel truss bridge was encased in concrete in 1918, twelve years after it was originally constructed. The encasing was designed by D.M. McPhetre, a pioneering engineer in reinforced concrete. The bridge is a one of a kind in California.



Facing southeast



Facing east



Facing east

Location Map

