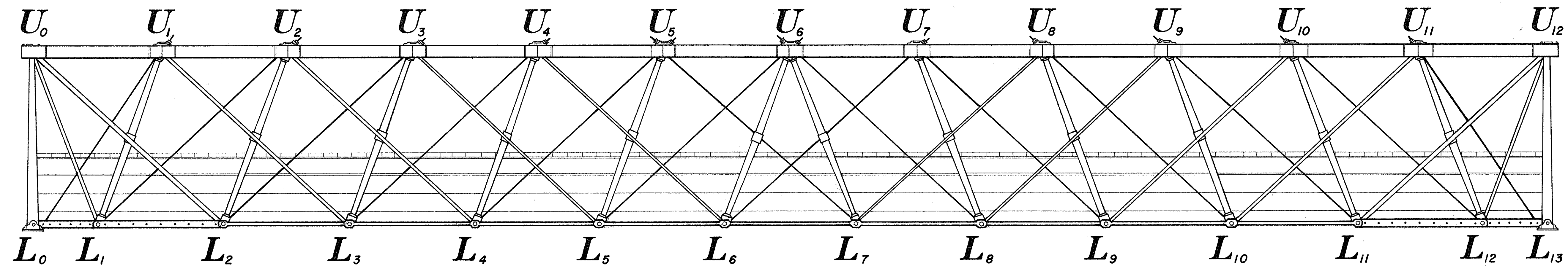


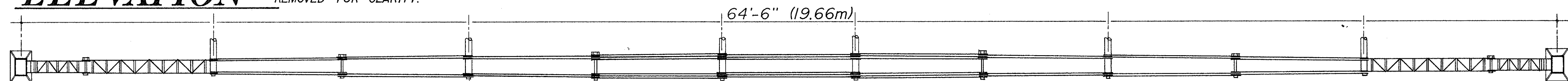
FALLING ROCK CAMP BRIDGE, c.1872

HICKMAN VICINITY, OHIO



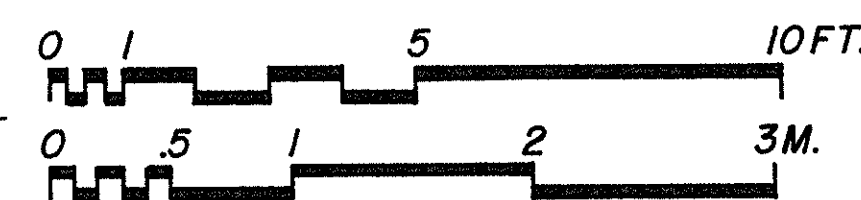
ELEVATION

NON-ORIGINAL VERTICALS & OUTRIGGERS
REMOVED FOR CLARITY.



PLAN OF BOTTOM CHORD

Scale: 3/8" = 1'-0"



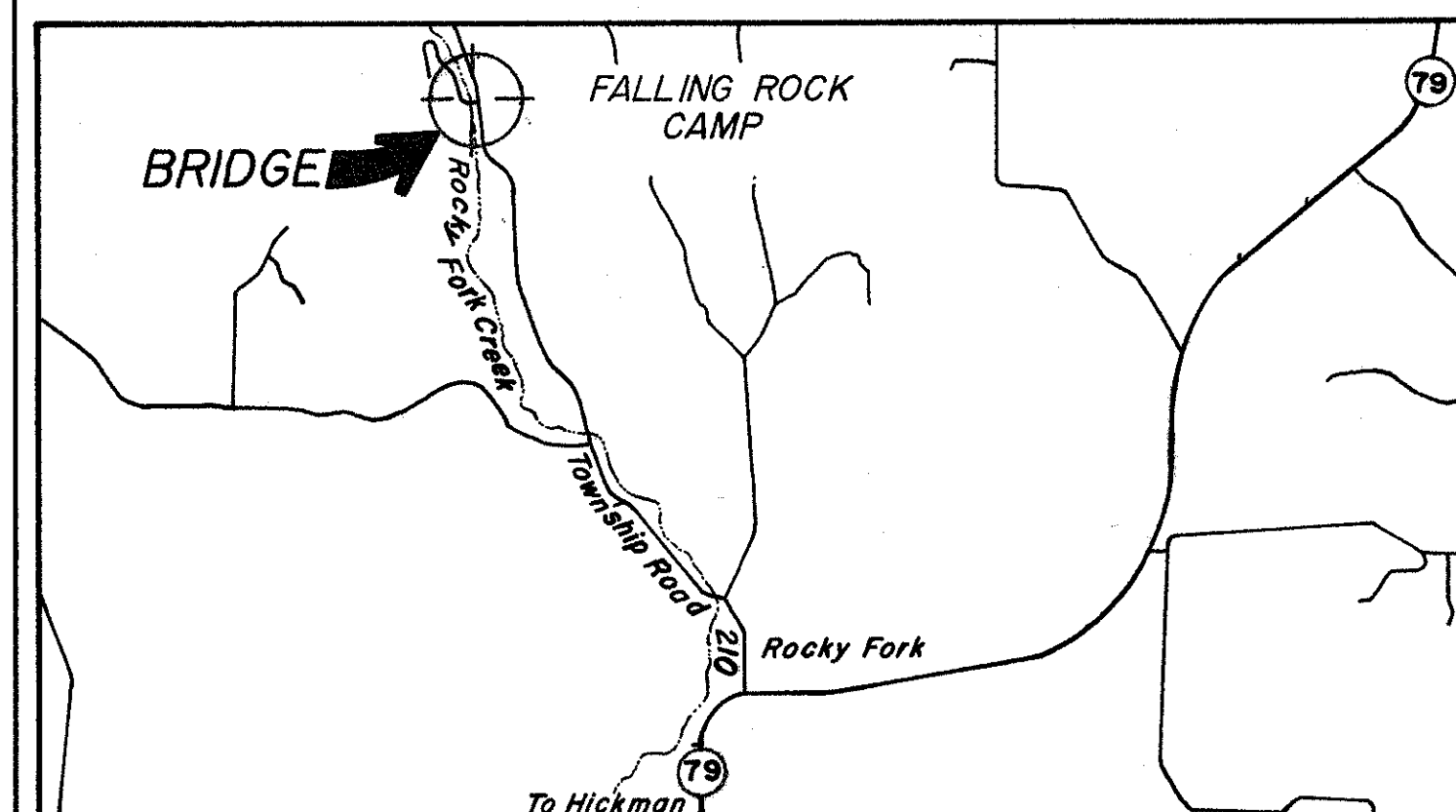
The Falling Rock Boy Scout Camp bridge is one of three Post truss bridges still extant in the United States, the other two being located in Lancaster, Massachusetts. It is believed that the Falling Rock Bridge was constructed circa 1872, possibly designed and built by the Cleveland Bridge and Car Works. This bridge bears significant resemblance to a bridge design in a Cleveland Bridge and Car Works company drawing titled "Post's Patent Diagonal Truss Iron Bridge". The bridge utilizes similar upper and lower chord configurations although the posts in the company drawing are not cast iron but metal plates riveted together.

The Post Truss is distinguished in that both the main tension and compression members are inclined diagonally towards the center of the span. The Falling Rock Bridge exemplifies the use of both cast-iron and wrought-iron. Despite being moved several times, the bridge is in good condition. The footing structure at the south end of the bridge is not original.

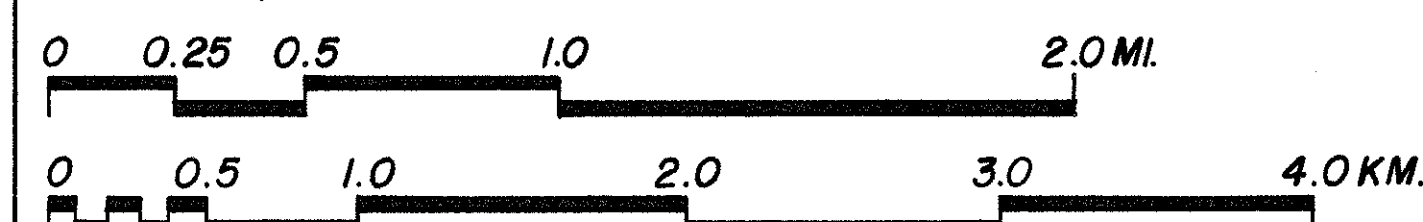
The bridge was originally located over the Brushy Fork Creek in Perry Township, Ohio and was moved to the Ohio Canal in the village of Hebron in 1927. It was moved to its present position in 1931.

Location Maps

UTM 17.389200.4448280
Based on U.S.G.S. 7.5 x 15 min. series topographic map
Hickman quadrangle 1961 (revised 1970)

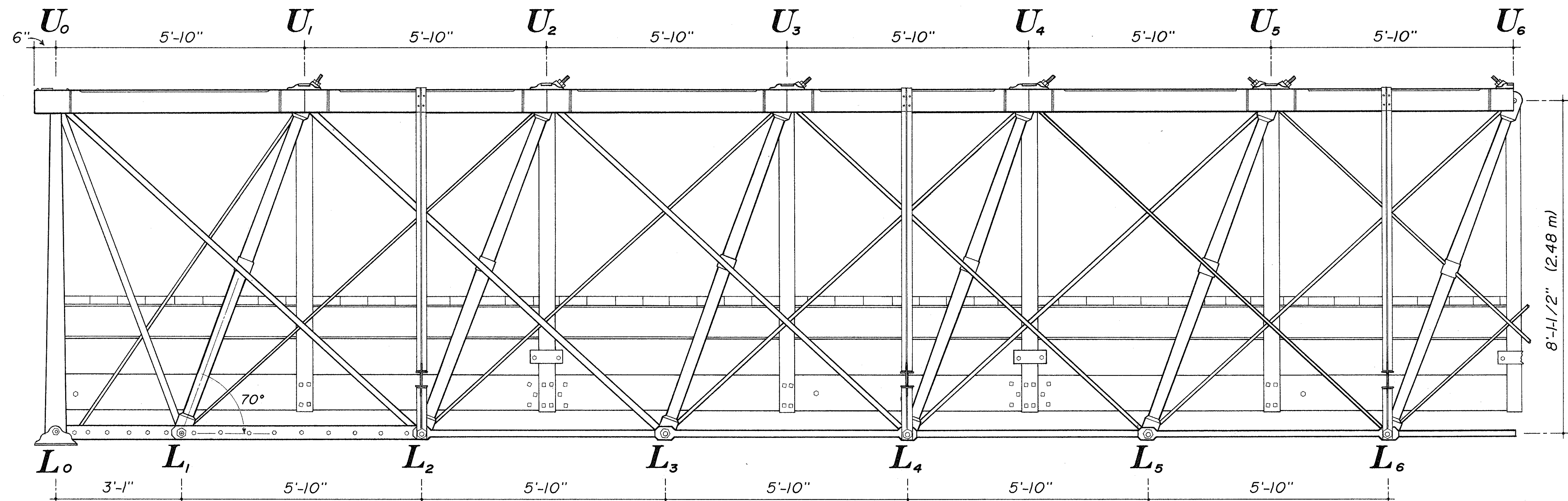


Scale: 1:24,000



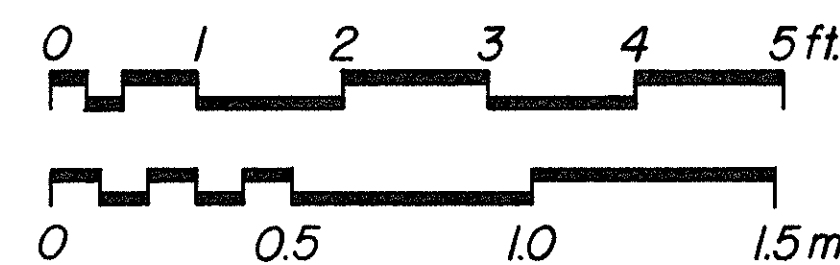
The Ohio Cast-and Wrought-Iron Bridges Project-OH is part of the Historic American Engineering Record (HAER), a long-range program to document historically significant engineering and industrial works in the United States. The HAER program is administered by the Historic American Buildings Survey / Historic American Engineering Record Division (HABS/HAER) of the National Park Service, U.S. Department of the Interior. The Ohio Cast-and Wrought-Iron Bridges Project was cosponsored during the summer of 1993 by HAER under the general direction of Dr. Robert J. Kapsch, Chief, and the Institute for the History of Technology and Industrial Archaeology, Dr. Emory L. Kemp, Director, with the assistance of the Ohio Historical Society, Gary Ness, Director, and David A. Simmons, historic bridge specialist, and the Department of Architecture and Ohio State University, Jose Oubriere, Chairman.

The field work and measured drawings were prepared under the direction of Eric N. DeLony, Chief of HAER, Project Leader. The recording team consisted of Elaine Pierce (Auburn University), architectural field supervisor, and Daron Fender (Miami University), Julie Willis (US/ICOMOS - University of Melbourne, Australia) and Troy Zimmermann (California Polytechnic State University at San Luis Obispo), architectural technicians.

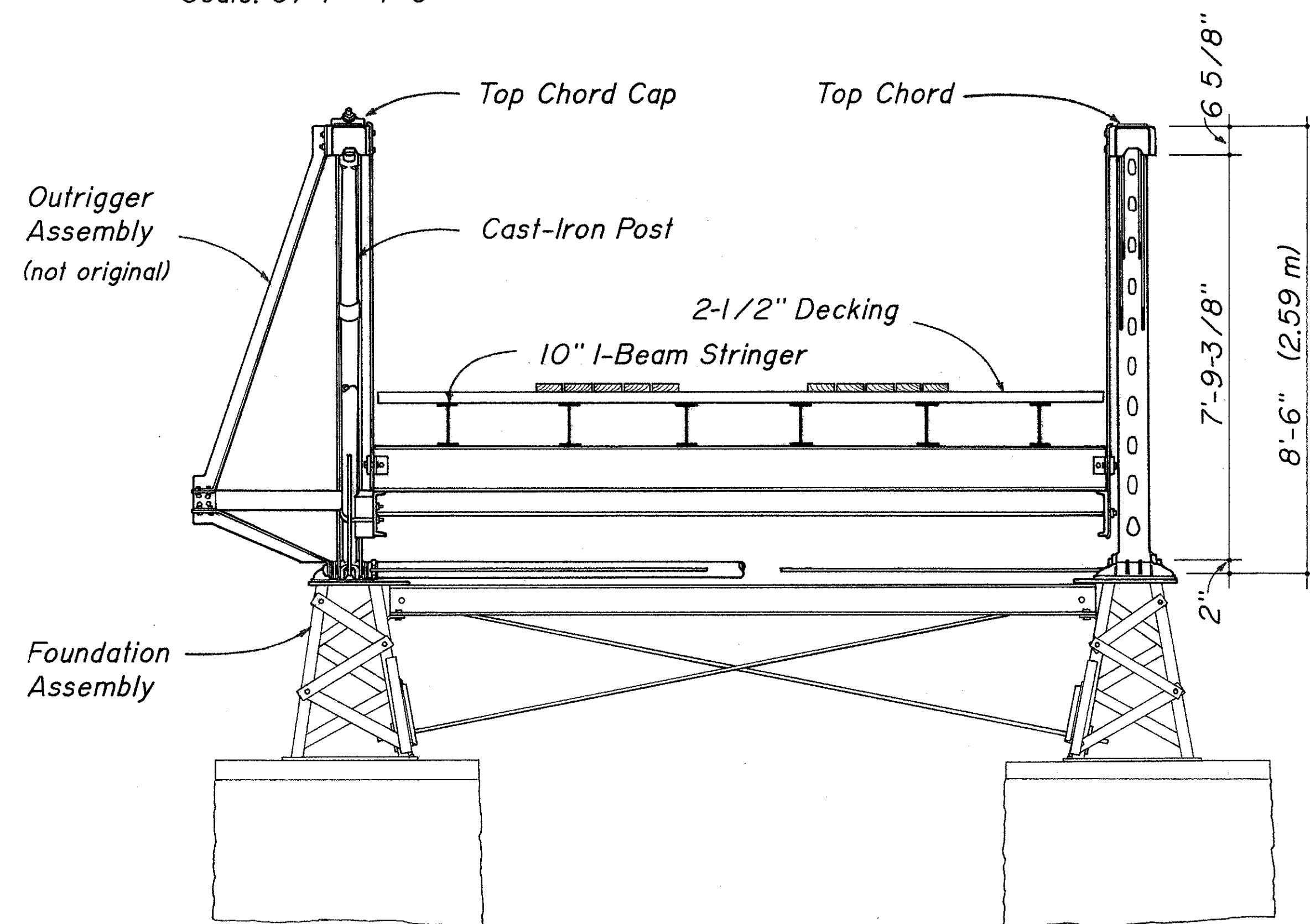


HALF ELEVATION

Scale: 3/4" = 1'-0"

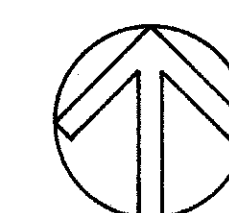
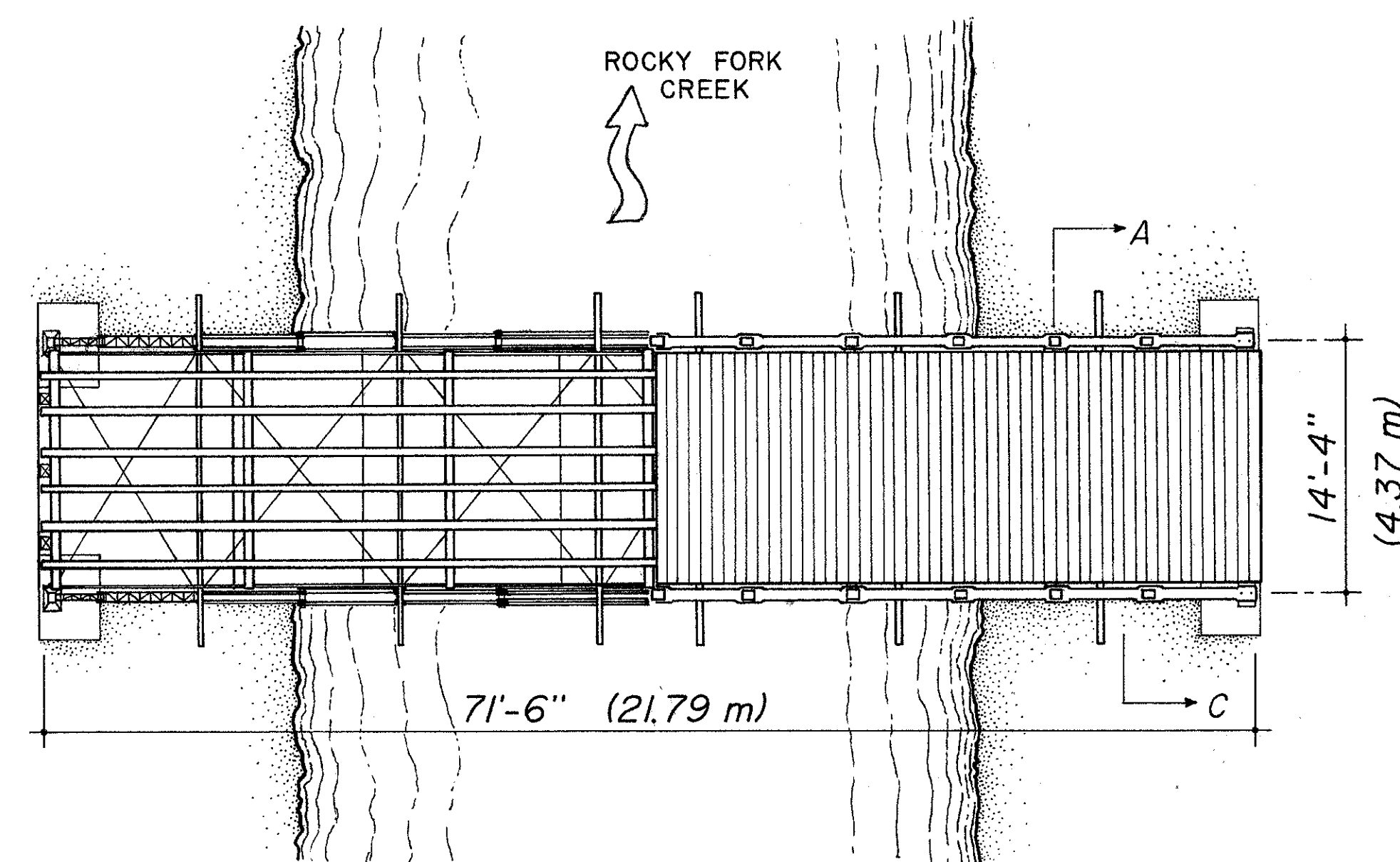
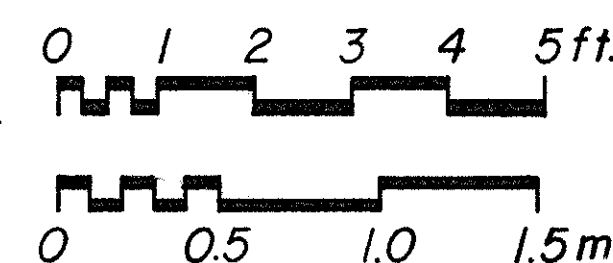


VERTICALS AND OUTRIGGERS ADDED
(date not known)



SECTION

Scale: 1/2" = 1'-0"



PLAN

Scale: 1/8" = 1'-0"

