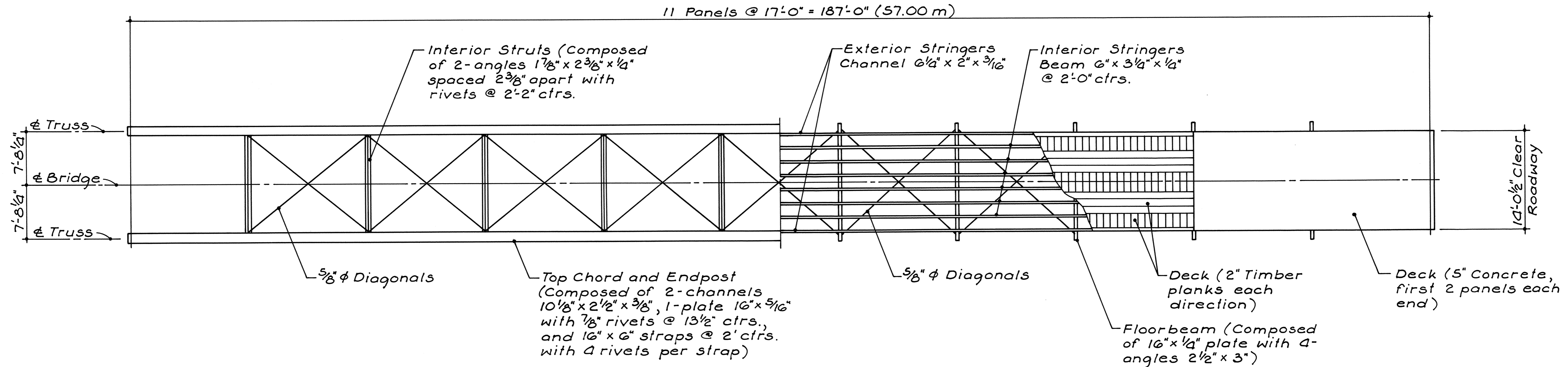
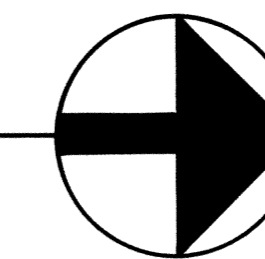


# BONANZA BRIDGE

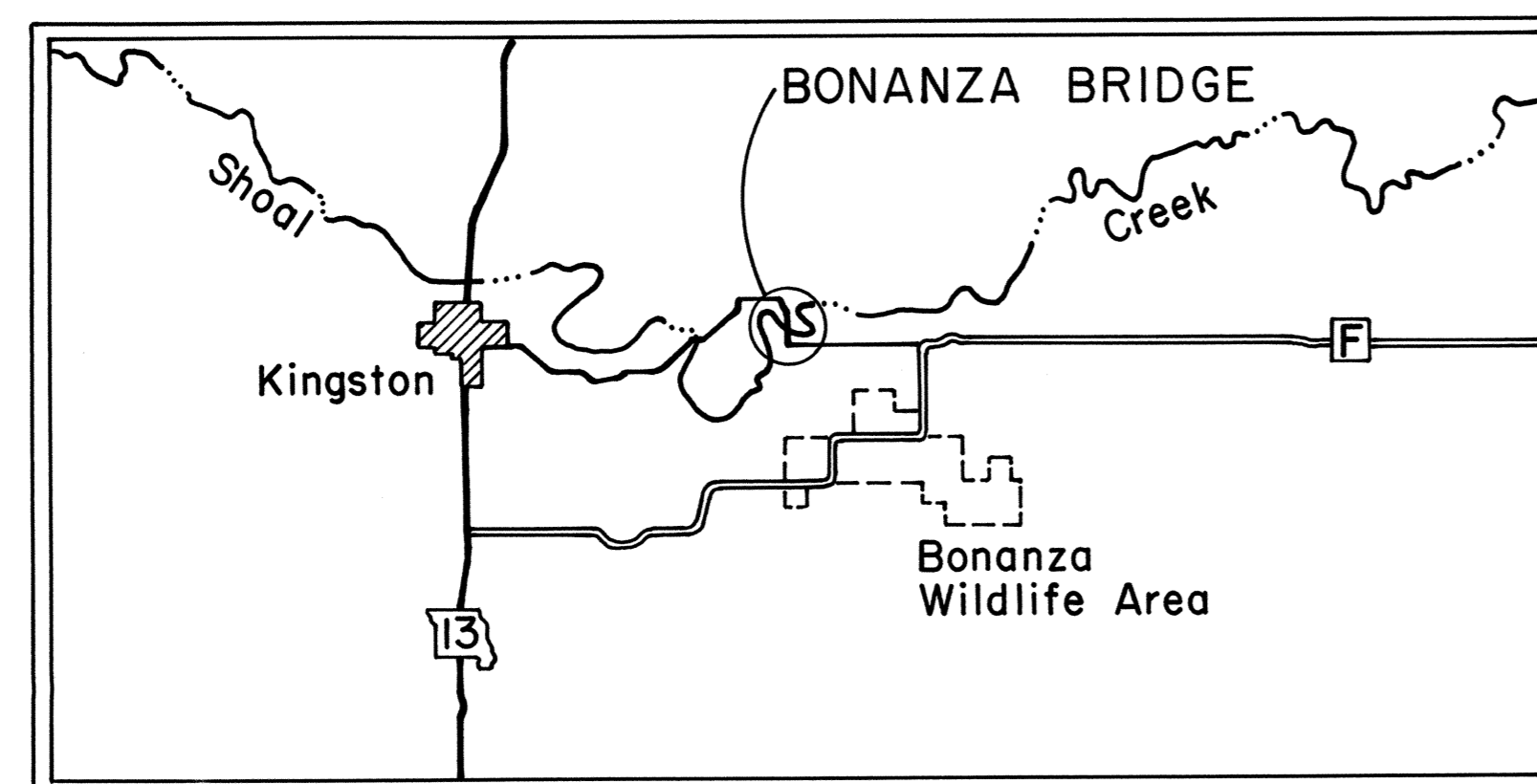
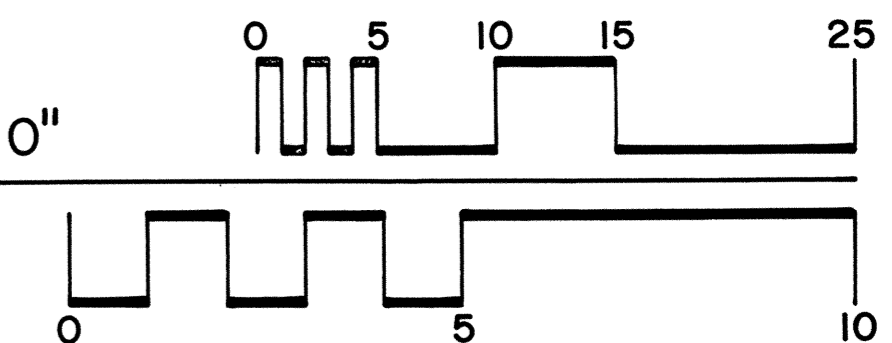


## PLAN

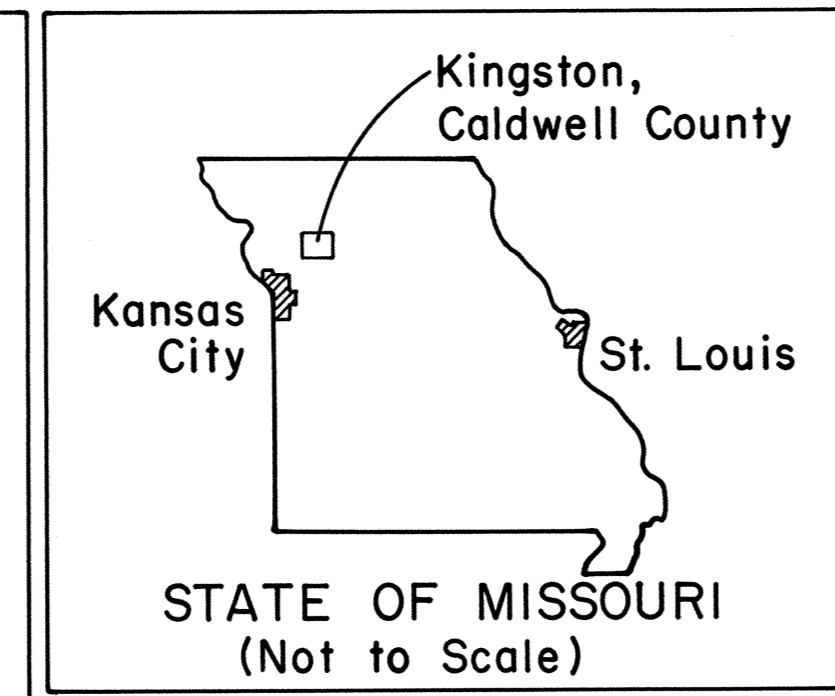


FEET 1/8" = 1'-0"

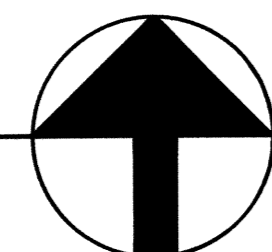
METERS 1:96



Both maps produced from "General Highway Maps" printed by the Missouri Highway and Transportation Dept.

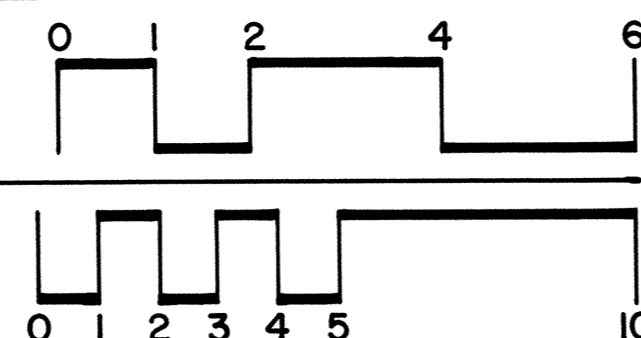


## LOCATION MAPS



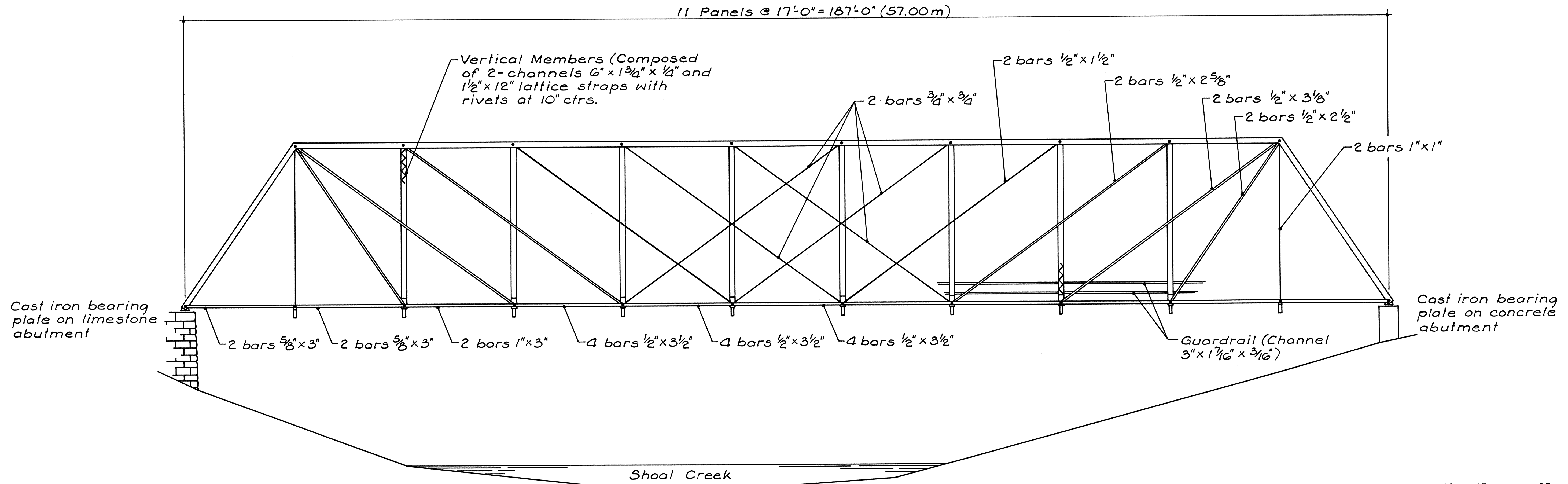
MILES 1" = 2 MILES

KILOMETERS 1:126720

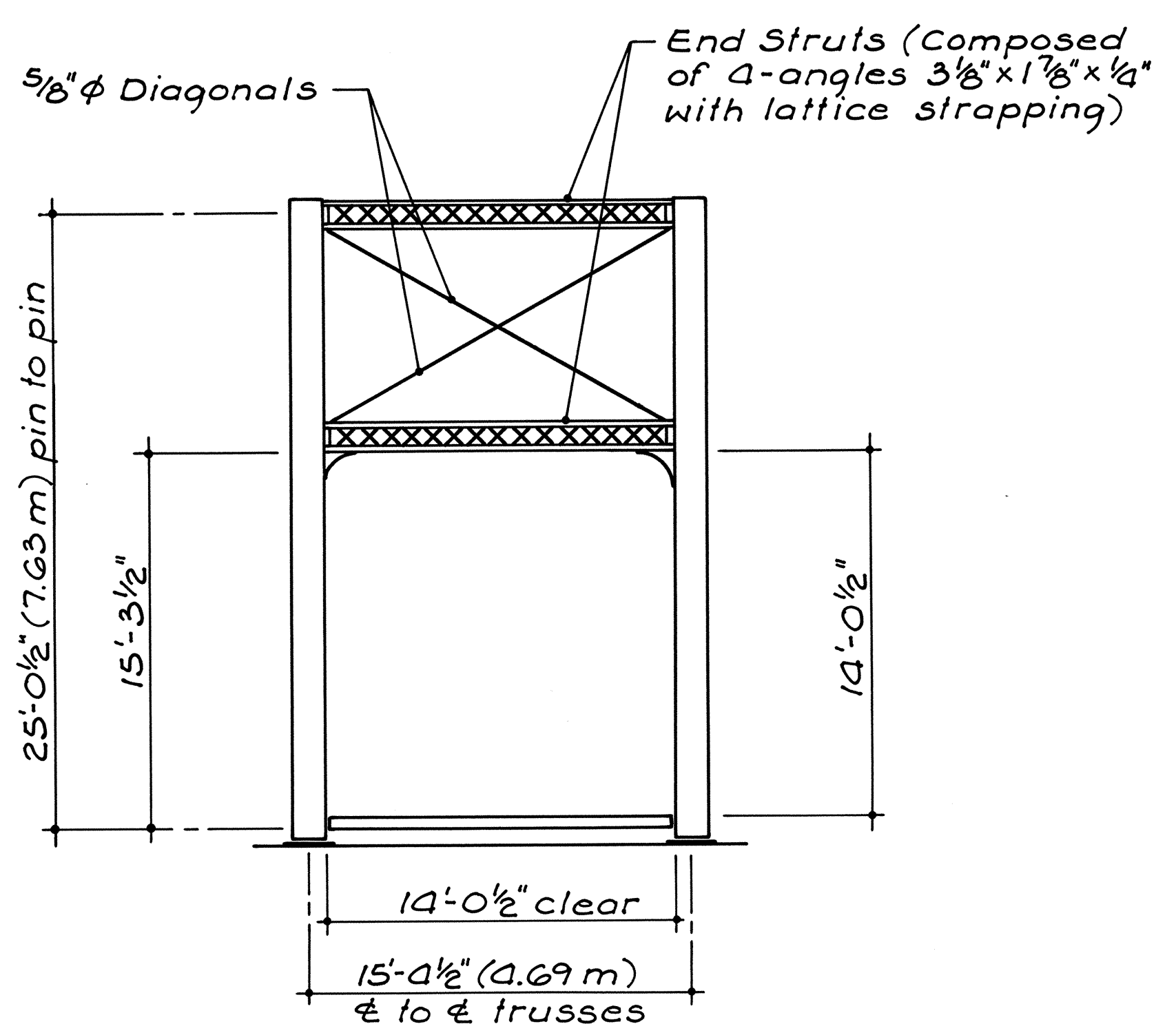
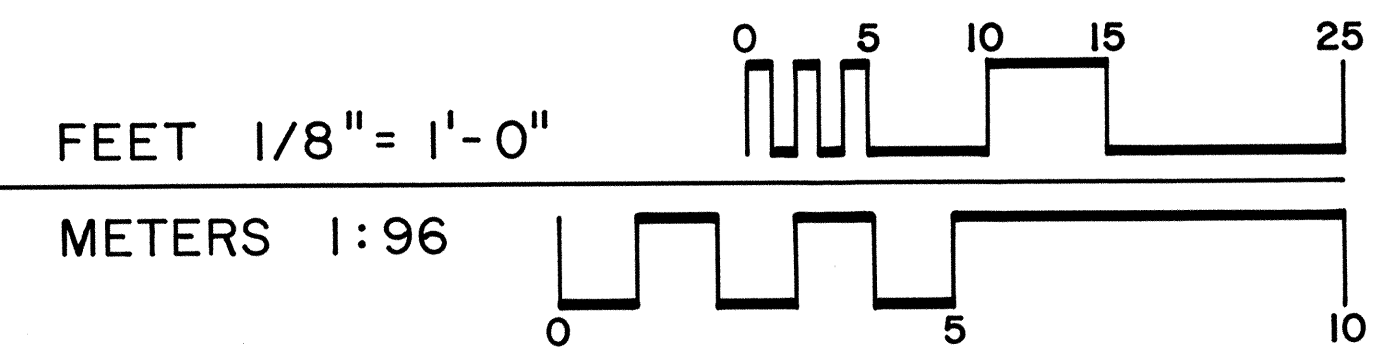


The Bonanza Bridge is a single span, eleven panel, pin-connected Whipple through truss, also known as a double-intersection Pratt truss. The records of the designer, fabricator and builder of the Bonanza Bridge were lost when the Caldwell County courthouse burned near the turn of the century. The bridge is one of only three Whipple through trusses known to exist in Missouri. First patented by Squire Whipple, bridge engineer and builder from Albany, New York, the Whipple truss was a popular choice for longer span crossings between 1850 and 1900. The Bonanza Bridge is thought to have been built in the 1880's for Caldwell County.

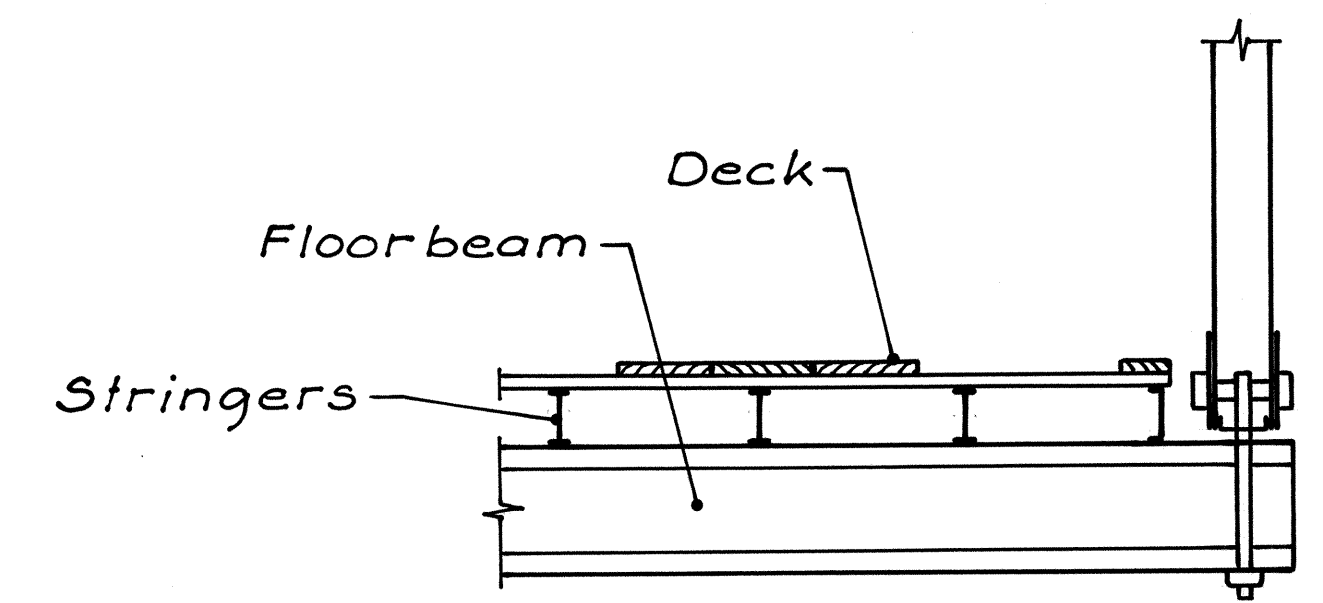
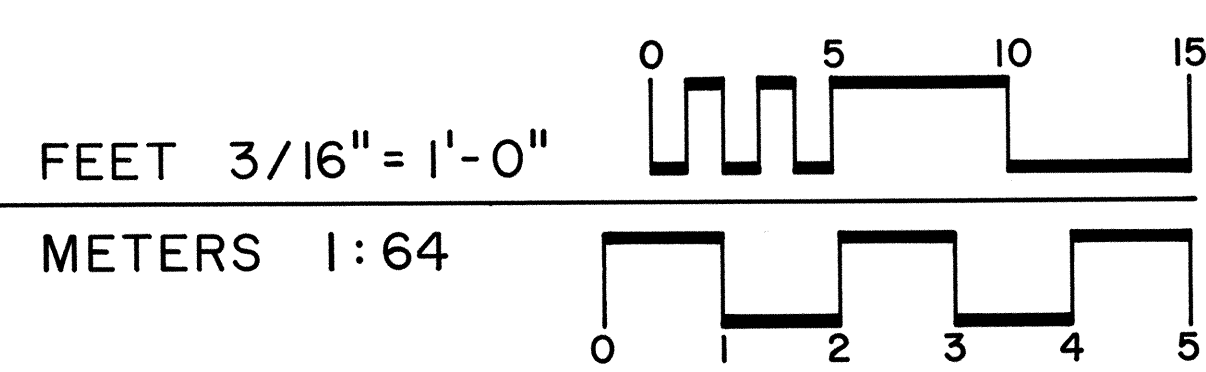
This Historic American Engineering Record (HAER) project was undertaken by Caldwell County Commission and Missouri Highway and Transportation Department in conjunction with a Bridge Replacement Project in Caldwell County. The project was conducted in accordance with the Federal Highway Administration's (FHWA) Memorandum of Agreement (MOA) with the Missouri State Historic Preservation and the Advisory Council on Historic Preservation. The MOA stipulates that HAER documentation be provided for the Bonanza Bridge. The field work, report and drawings were prepared by Cook, Flatt and Strobel, Engineers of Topeka, Kansas. Archival photography was by Phillip Geller of St. Joseph, Missouri.



# ELEVATION

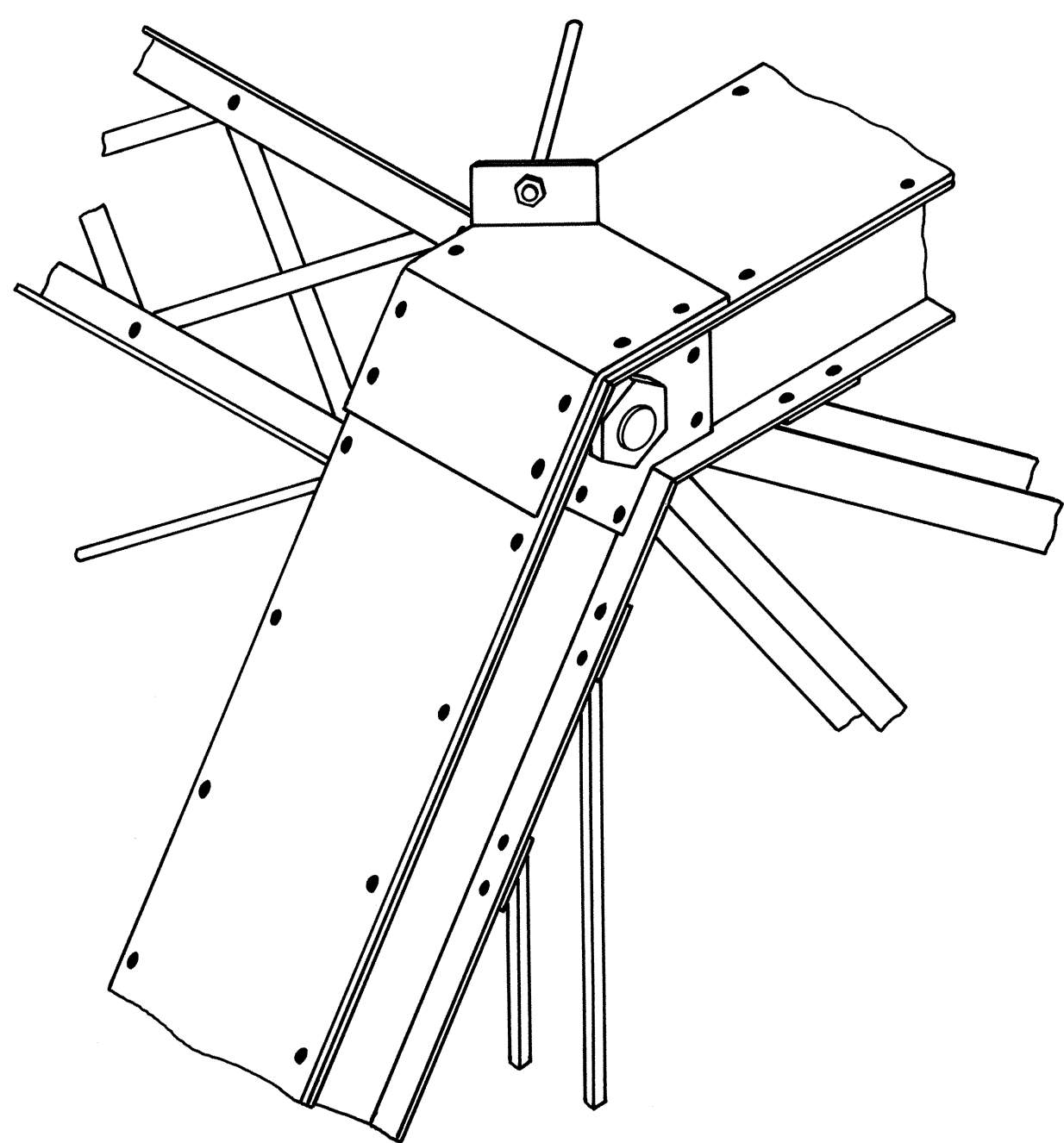


# END ELEVATION



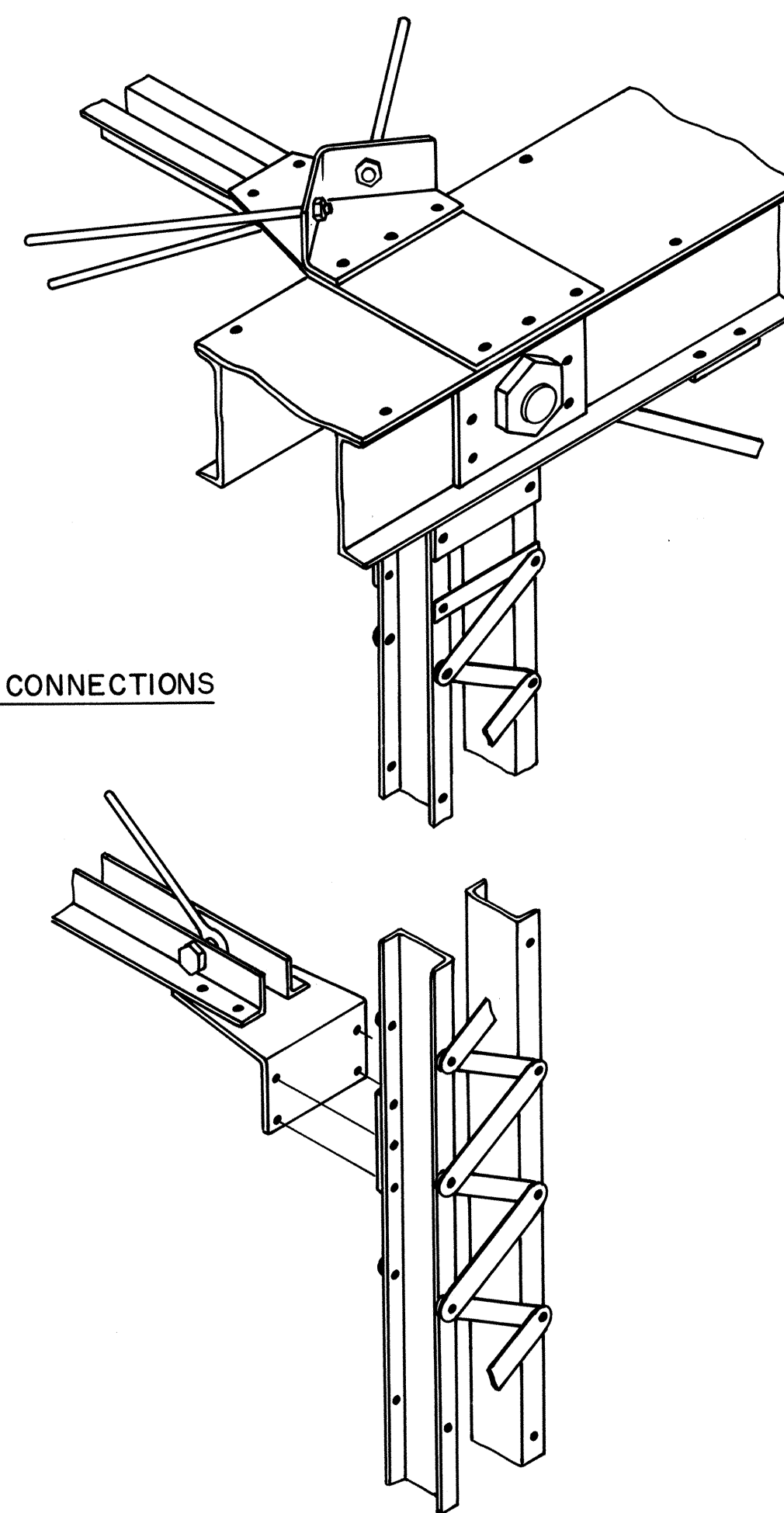
DELINEATED BY: COOK, FLATT & STROBEL, ENG. 1993  
 ROCKY MOUNTAIN REGIONAL OFFICE / DENVER  
 NATIONAL PARK SERVICE / U.S. DEPARTMENT OF THE INTERIOR  
 KINGSTON VICINITY  
 SPANNING SHOAL CREEK ON "CART" RD. NO. 324  
 CALDWELL COUNTY MISSOURI  
 SHEET 2 of 3  
 HISTORIC AMERICAN ENGINEERING RECORD MO-73

IF REPRODUCED, PLEASE CREDIT: HISTORIC AMERICAN ENGINEERING RECORD, NATIONAL PARK SERVICE, NAME OF DELINEATOR, DATE OF THE DRAWING



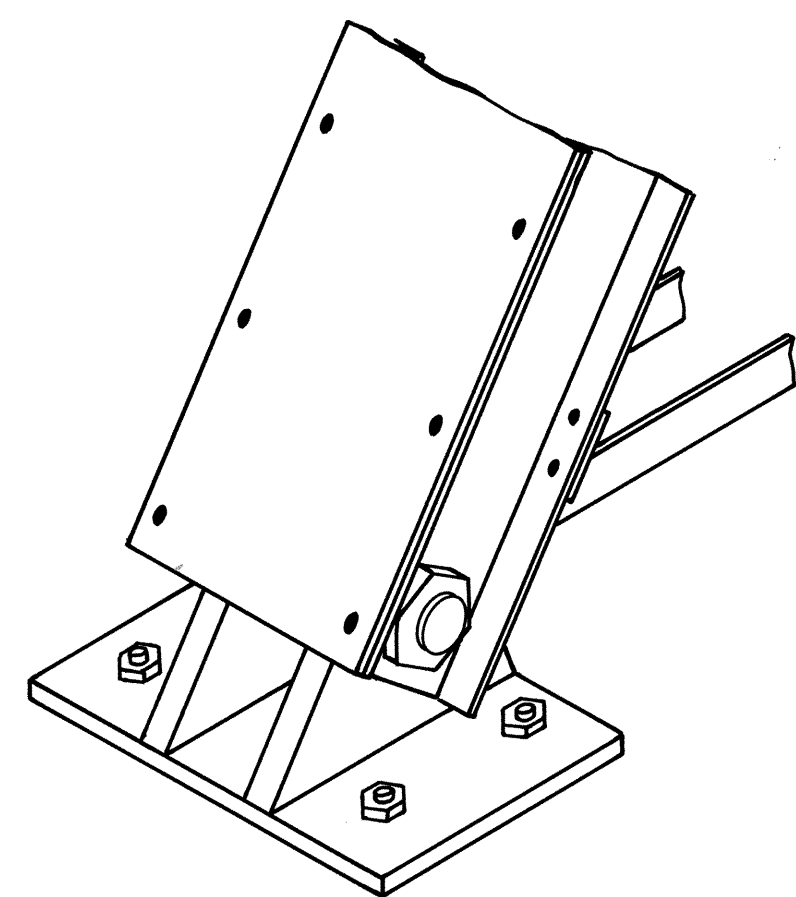
UPPER PIN CONNECTION AT ENDPOST

STRUT CONNECTIONS

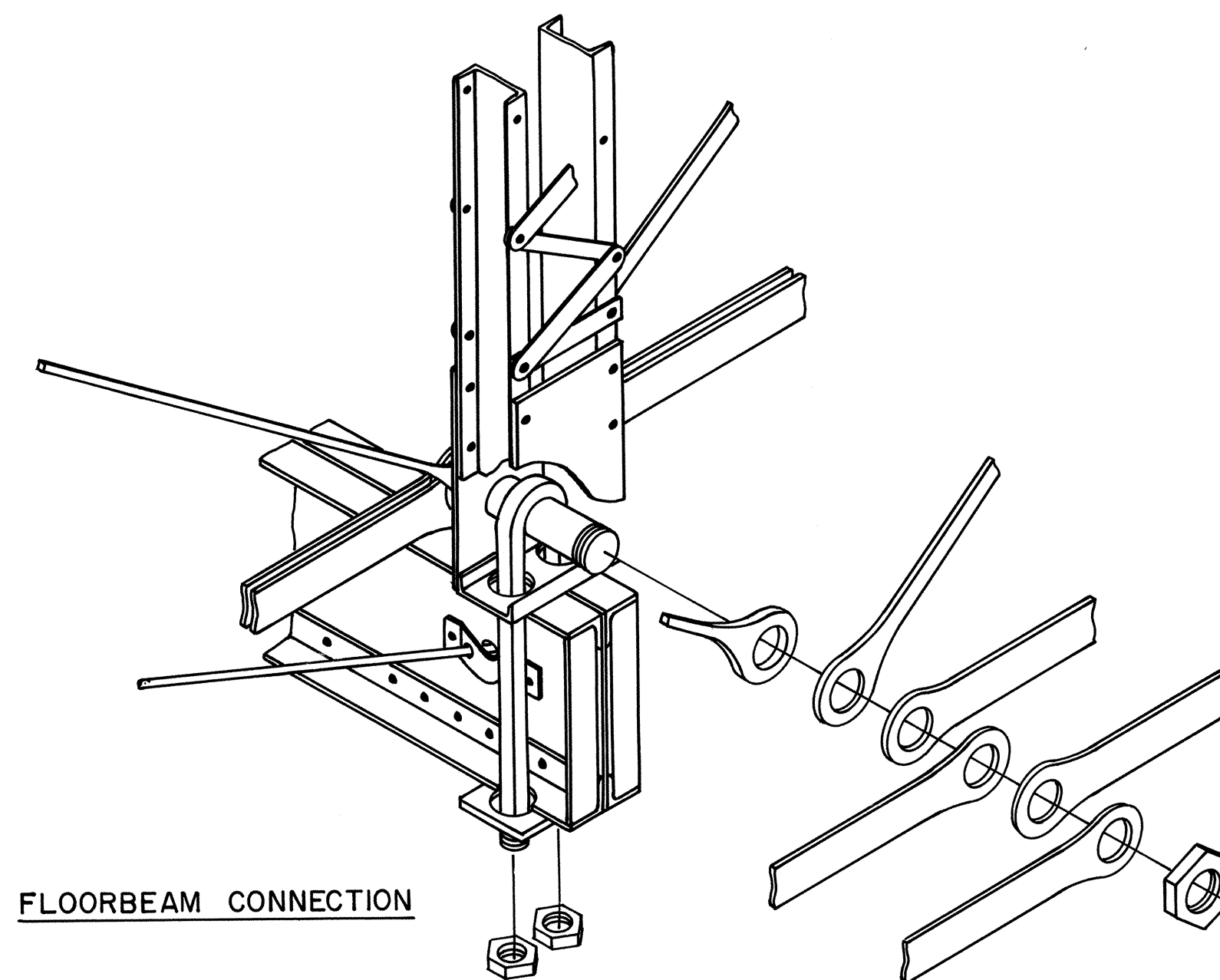


# MISCELLANEOUS DETAILS

(NOT TO SCALE)



LOWER PIN CONNECTION AT ENDPOST



FLOORBEAM CONNECTION

TYPICAL VERTICAL MEMBER

DELINEATED BY: COOK, FLATT & STROBEL, ENG. 1993

ROCKY MOUNTAIN  
REGIONAL OFFICE / DENVER  
NATIONAL PARK SERVICE  
UNITED STATES DEPARTMENT OF THE INTERIOR

KINGSTON VICINITY

BONANZA BRIDGE  
SPANNING SHOAL CREEK ON CART RD. NO. 324  
CALDWELL COUNTY

MISSOURI

SHEET  
3 of 3

HISTORIC AMERICAN  
ENGINEERING RECORD  
MO-73

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