

SMITH ROAD BOWSTRING ARCH BRIDGE

BUCYRUS VICINITY, CRAWFORD COUNTY, OHIO. CA. 1870

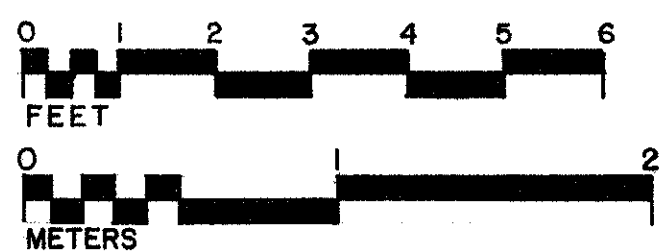
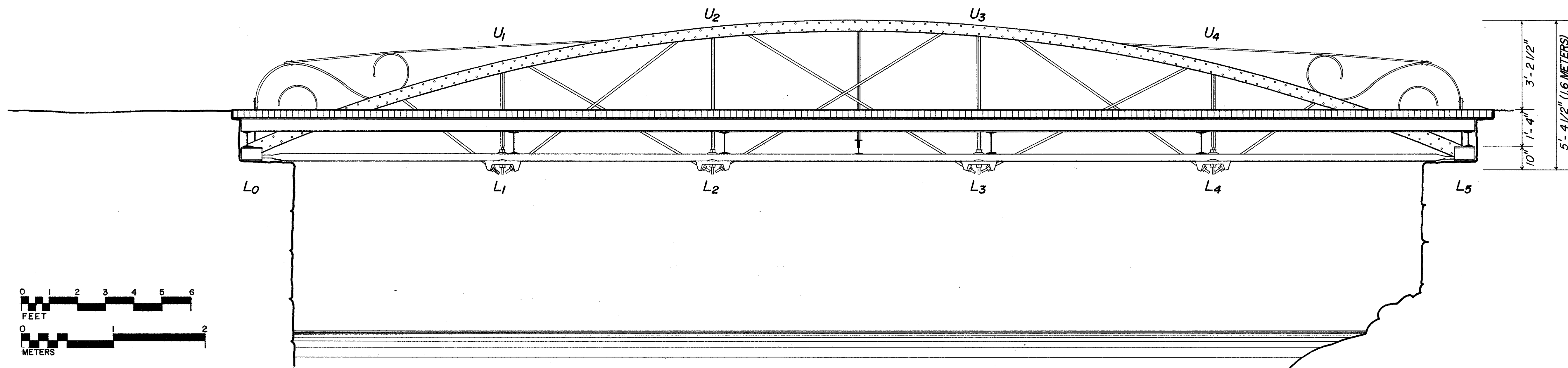
The King Iron Bridge and Manufacturing Company, Cleveland, Ohio designed and built this wrought iron tubular arch bridge. It is based on patents issued to Peter M Frees and Zenas King in 1861 and to King in 1867. King's company became one of the biggest bridge companies in the country and its early reputation was made by building bridges to this design. The tubular arch design was popular between 1850 and 1880.

This recording project is part of the Historic American Engineering Record (HAER), a long range program to document the engineering and industrial heritage of the United States. The HAER program is administrated by the National Park Service, U.S. Department of the Interior. The Ohio Historic Bridge Recording Project was co-sponsored during the summer of 1986 by the Ohio Department of Transportation, Warren J Smith, Director and Federal Highway Administration,

Marvin I. Espeland, Ohio Division Administrator.

Field work, measured drawings, historical reports and photographs were prepared under the general direction of Dr. Robert J. Kapsch, Chief, Historic American Buildings Survey / Historic American Engineering Record (HABS/HAER) and Eric DeLony, Principal Architect, HAER. The recording team consisted of Randall S. Gooden, project historian (West Virginia University), architect

technicians Christopher P. Collins (Ohio State University) and Charissa Wang (University of Maryland) and US/International Council on Monuments and Sites student interns Frances A. Jones, historian (Royal Commission on the Historical Monuments of England) and Miriam Fitzpatrick, architect (University College Dublin, Ireland). Record photographs were taken by Louise Taft Cawood, David Simmons, historian, Ohio Historical Society, was project advisor.



DELINEATED BY: Christopher P. Collins, 1986

OHIO HISTORIC BRIDGE RECORDING PROJECT
HISTORIC AMERICAN ENGINEERING RECORD
UNITED STATES DEPARTMENT OF THE INTERIOR

BUCYRUS VICINITY
CRAWFORD COUNTY

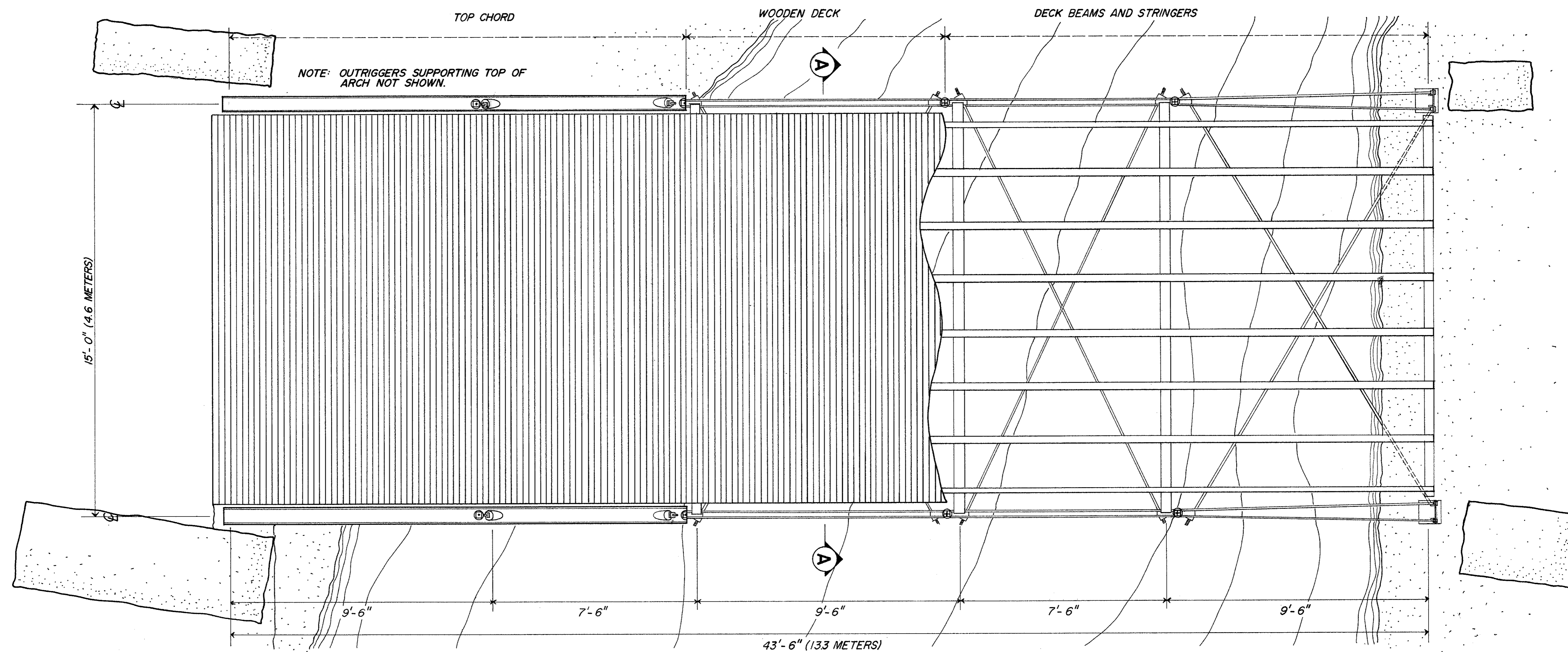
SMITH ROAD BOWSTRING ARCH BRIDGE - ca. 1870
0.5 MILES NORTH OF SR 100 ON SMITH ROAD OVER STAMORE CREEK
CRAWFORD COUNTY

OHIO

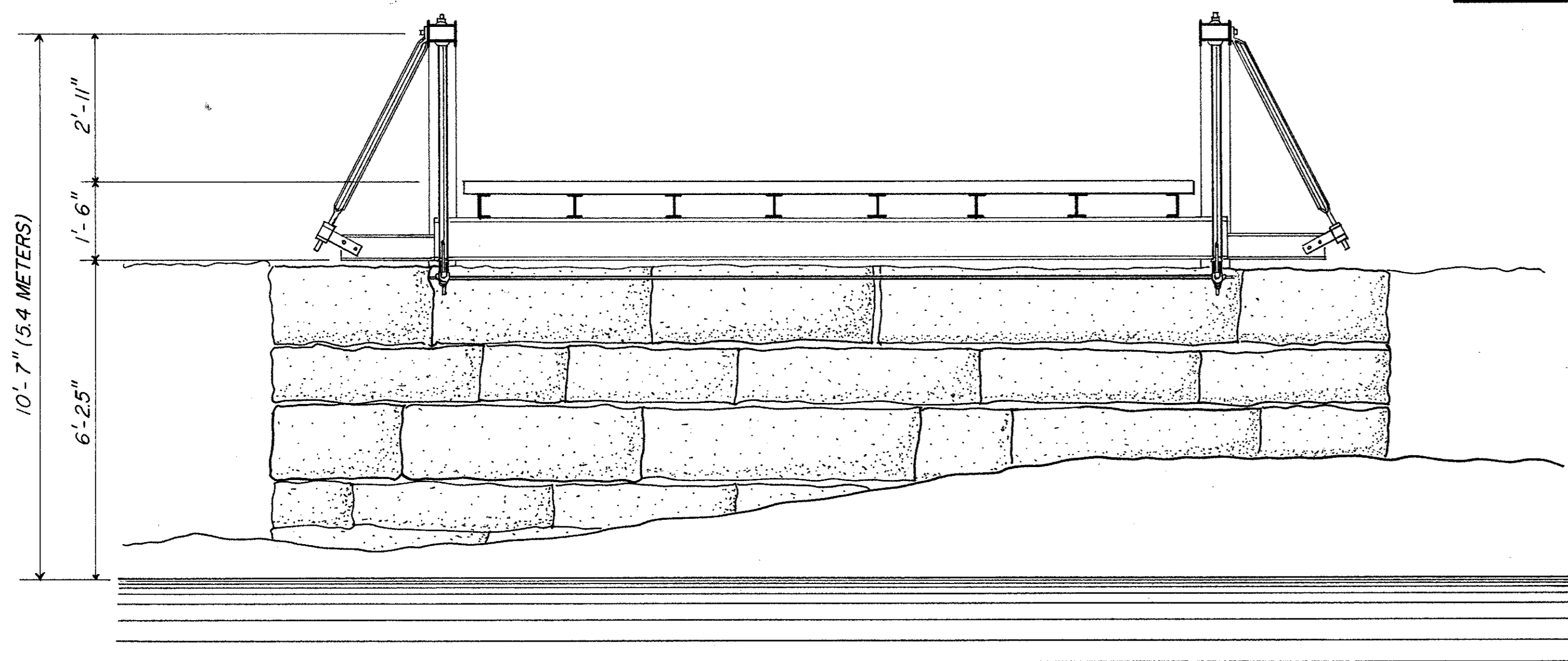
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OH - 46

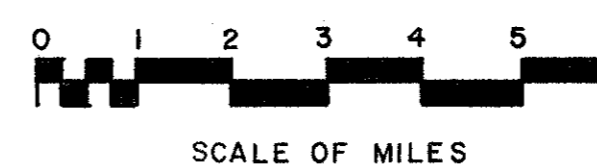
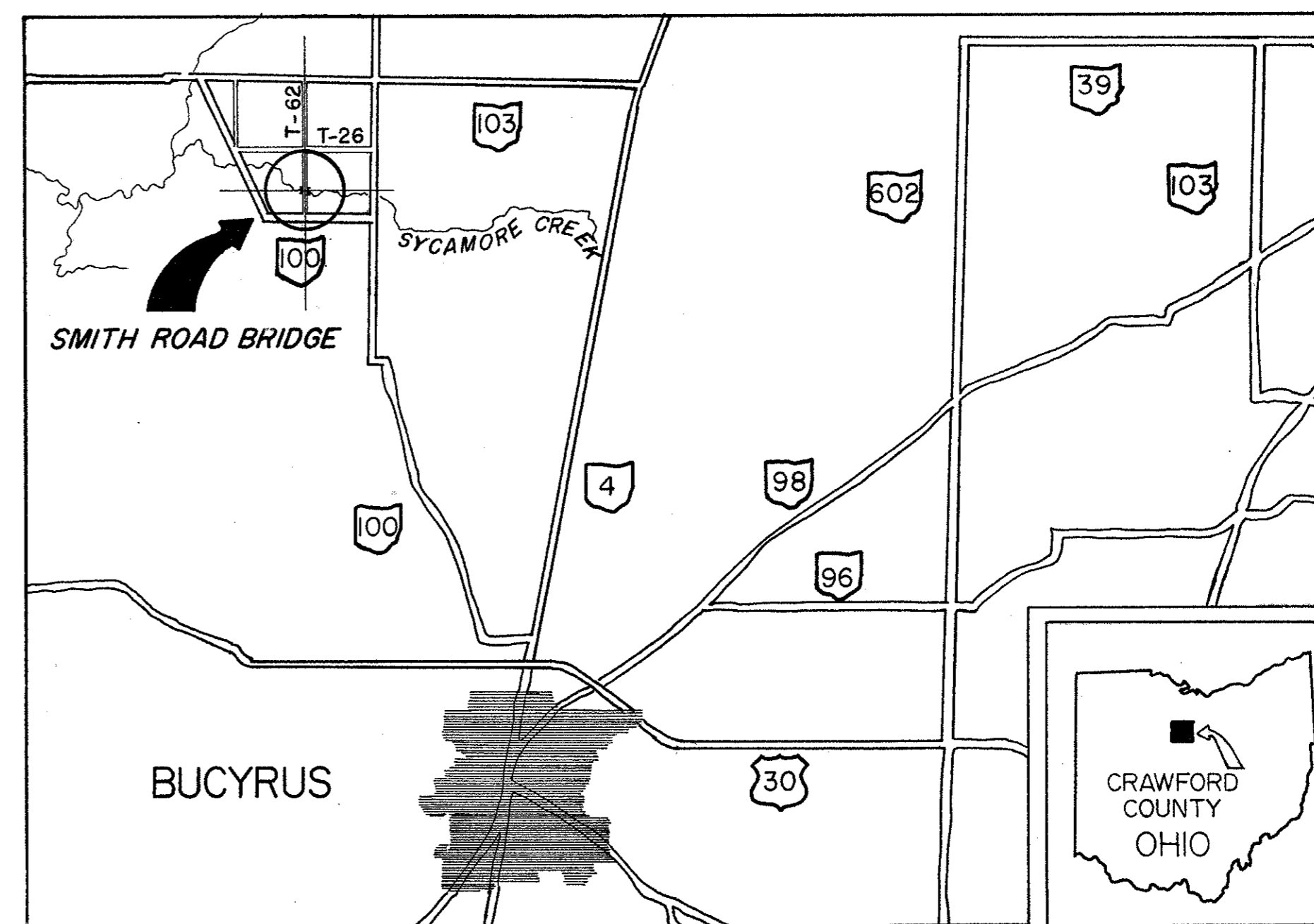
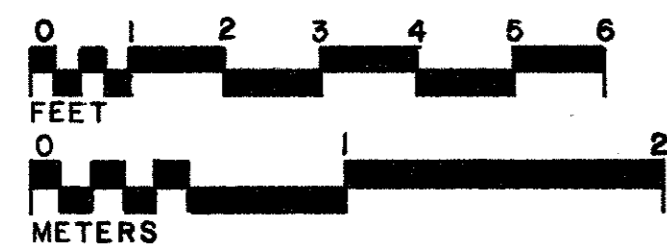
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PLAN



SECTION A-A



BASED ON OHIO DEPARTMENT OF TRANSPORTATION MAP OF CRAWFORD COUNTY, OHIO

DELINEATED BY: Charissa Wang, Christopher P. Collins, 1986

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SMITH ROAD BOWSTRING ARCH BRIDGE - ca. 1870
0.5 MILES NORTH OF SR 100 ON SMITH ROAD OVER SYCAMORE CREEK
CRAWFORD COUNTY

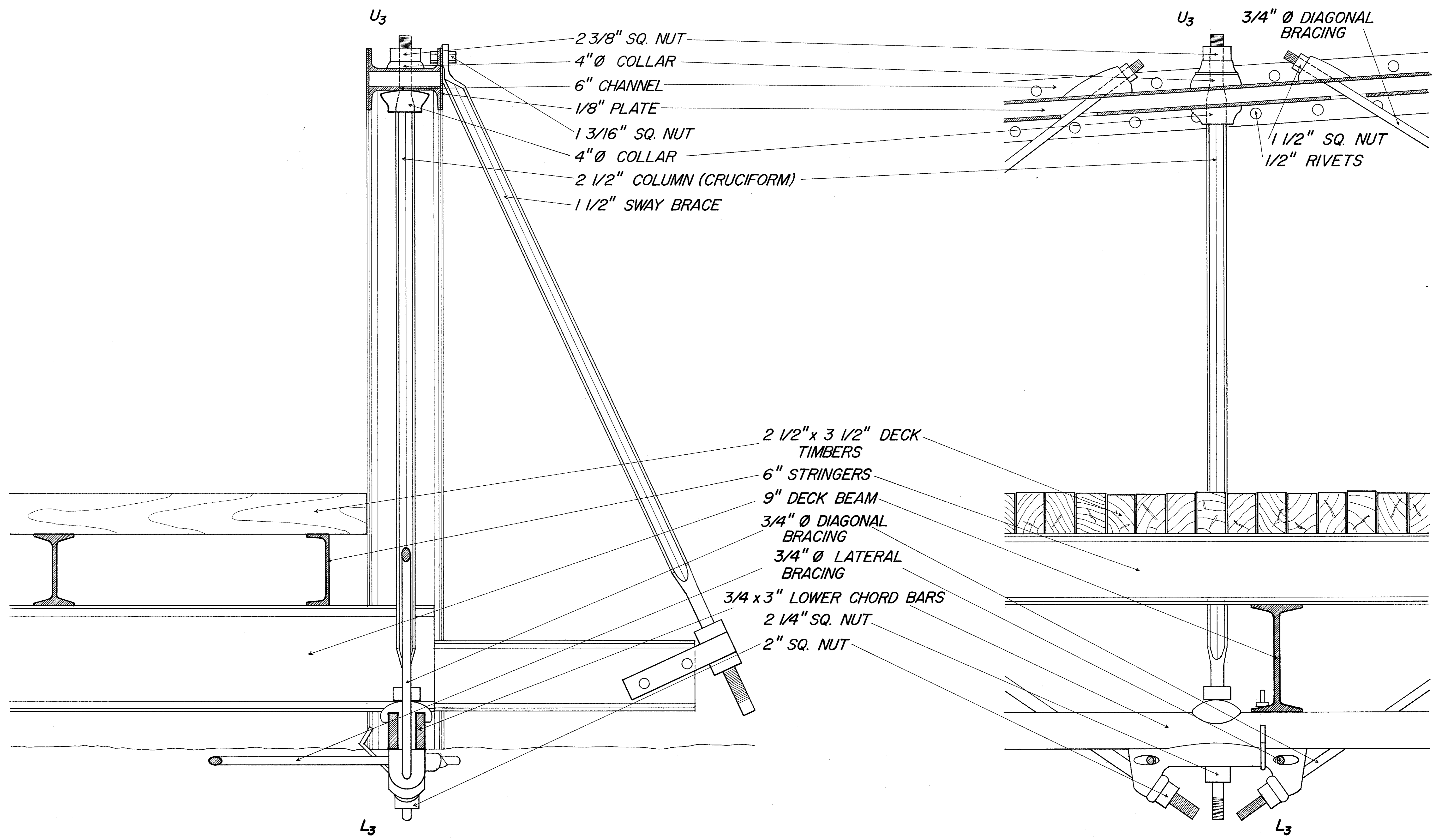
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2 of 3

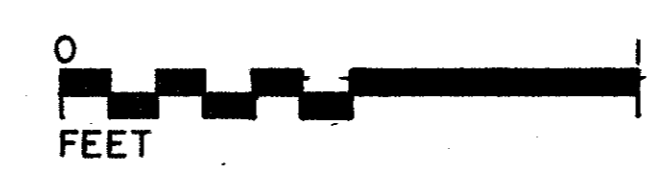
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COLUMN DETAIL AT U₃-L₃



DELINEATED BY: Charissa Wang, Miriam Fitzpatrick, 1986
 OHIO HISTORIC BRIDGE RECORDING PROJECT
 HISTORIC AMERICAN BUILDINGS SURVEY
 HISTORIC AMERICAN ENGINEERING RECORD
 UNITED STATES DEPARTMENT OF THE INTERIOR
 BUCYRUS VICINITY
 0.5 MILES NORTH OF SR 100 ON SMITH ROAD OVER STAMORE CREEK
 CRAWFORD COUNTY
 OHIO
 SHEET 3 of 3
 HISTORIC AMERICAN ENGINEERING RECORD
 OH-46

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