

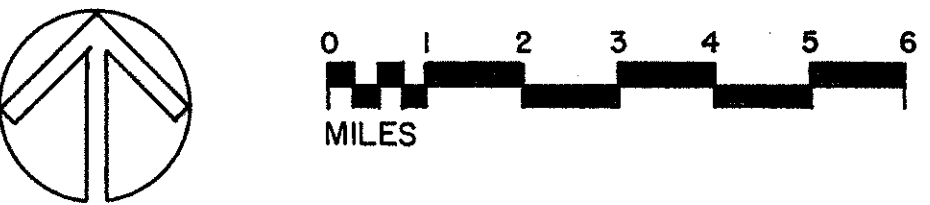
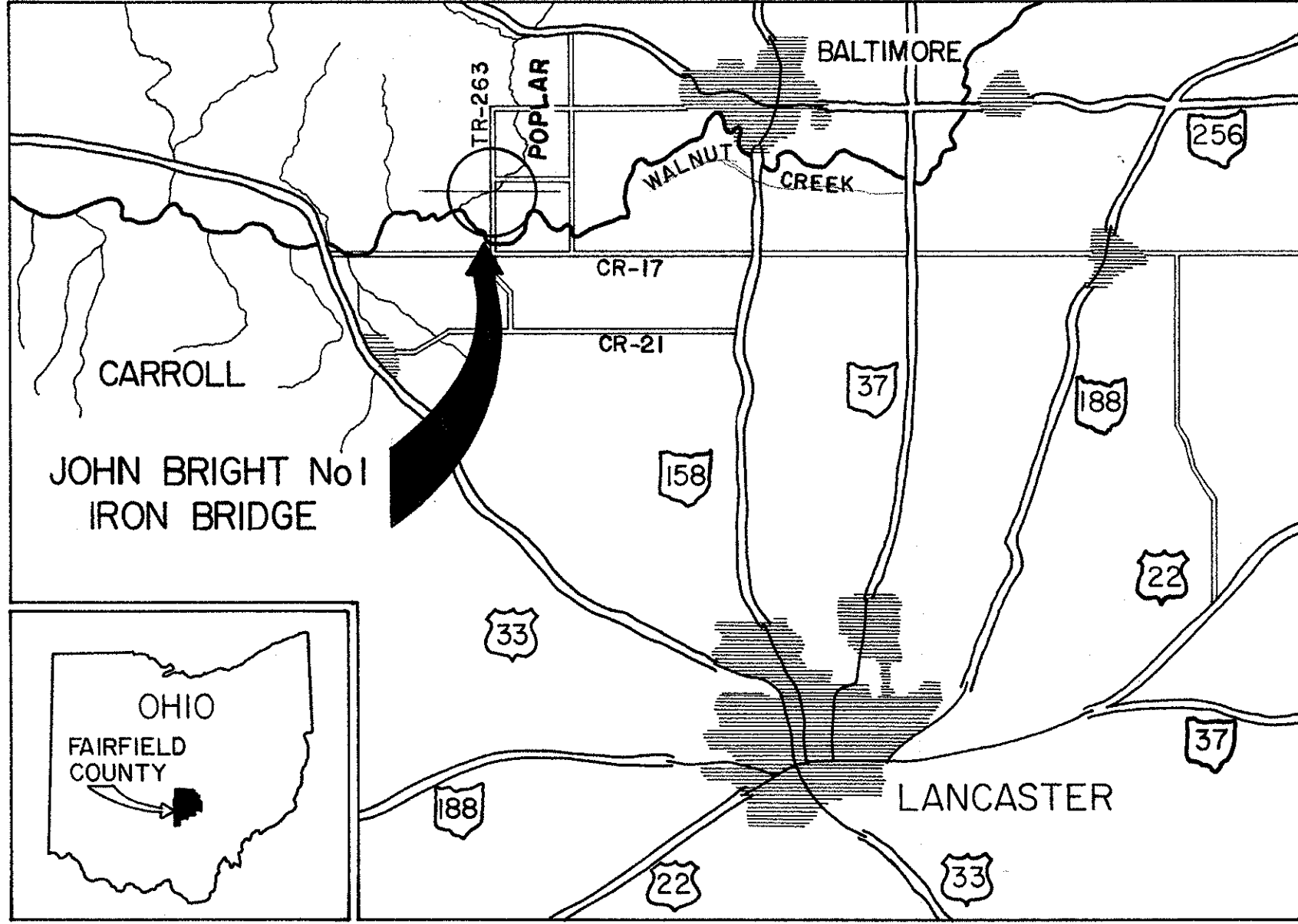
{ 1884-85 }

JOHN BRIGHT NO.1 IRON BRIDGE

CARROLL, FAIRFIELD COUNTY, OHIO.

The John Bright No.1 Iron Bridge was fabricated by the Hocking Valley Bridge Works of Lancaster, Ohio in probably 1884-5. The unusual suspension truss design is very similar to that used in the nearby John Bright No.2 Covered Bridge (HAER No.OH 45). It is known to have been used in only a few bridges in Ohio by three bridge builders (as at August 1986). The design bears similarities to several patents of the 1860s and 70s, but it is almost identical to Archibald McGuffie's "Improvement in Construction of Bridges" (US patent No.33,954 dated December 1861).

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 administered by the National Park Service, U.S. Department of the Interior. The Ohio Historic Bridge Project was cosponsored during the summer of 1986 by the Ohio Department



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

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 DeLory, Principal Architect, HAER. The recording team consisted of Randall 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: *Miriam B. Fitzpatrick, 1986*

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

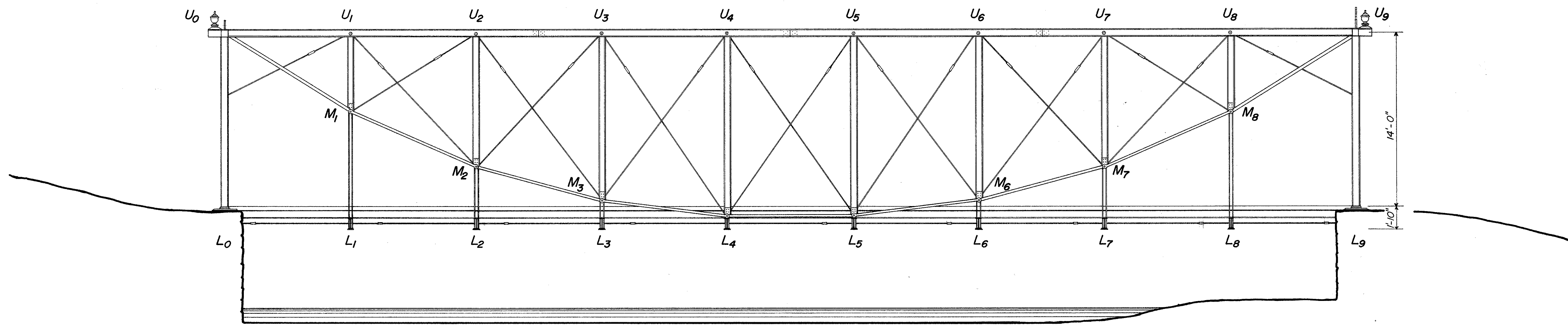
JOHN BRIGHT NO.1 IRON BRIDGE 1884-85
ON HAVENSPORT ROAD (TR 263) OVER POPLAR CREEK, 3 MILES NORTHEAST OF CARROLL
FAIRFIELD COUNTY

OHIO

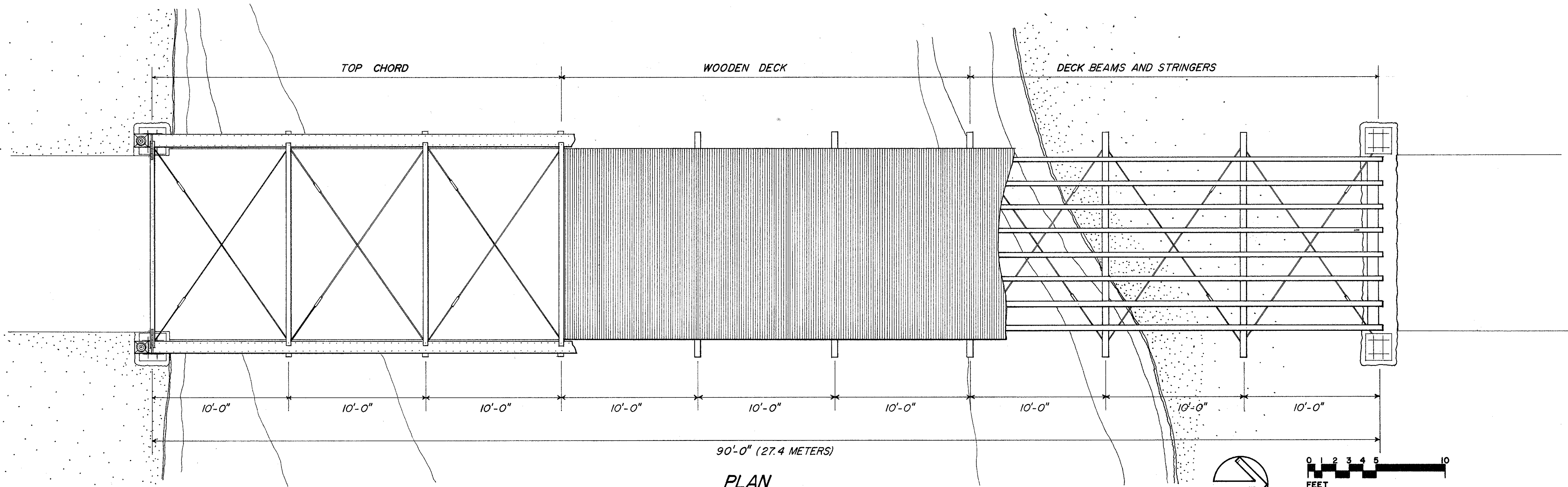
SHEET
1 OF 5

HISTORIC AMERICAN
ENGINEERING RECORD
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EAST ELEVATION



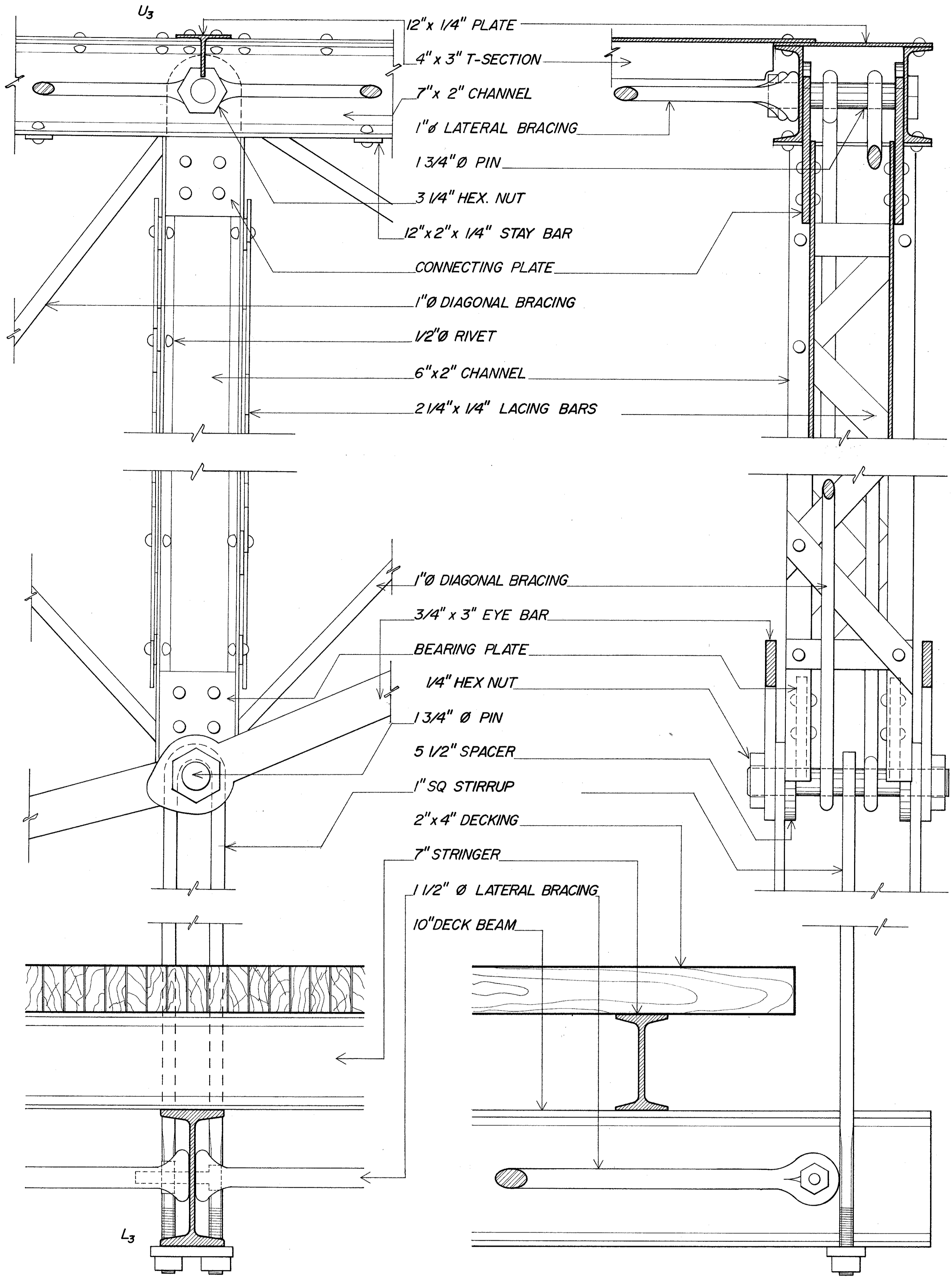
PLAN

DELINEATED BY: Christopher P. Collins, 1986
 OHIO HISTORIC BRIDGE RECORDING PROJECT
 HISTORIC AMERICAN BUILDING SURVEY
 HISTORIC AMERICAN ENGINEERING RECORD
 UNITED STATES DEPARTMENT OF THE INTERIOR

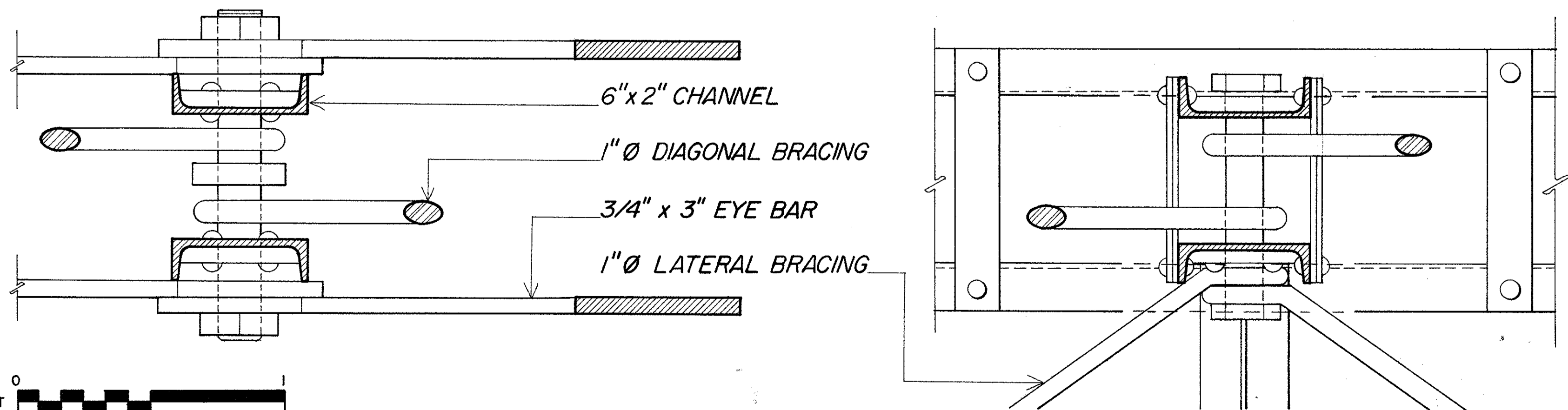
CARROLL
 ON HAVENSPORT ROAD (TR 263) 3 MILES NORTHEAST OF CARROLL
 FAIRFIELD COUNTY OHIO

HISTORIC AMERICAN
 ENGINEERING RECORD
 SHEET 2 OF 5
 OH-44

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DETAIL AT U₃/L₃



DELINEATED BY: *Miriam B. Fitzpatrick, Charissa Wang, 1986*

OHIO HISTORIC BRIDGE RECORDING PROJECT
 HISTORIC AMERICAN BUILDINGS SURVEY
 HISTORIC AMERICAN ENGINEERING RECORD
 NATIONAL PARK SERVICE
 UNITED STATES DEPARTMENT OF THE INTERIOR

CARROLL

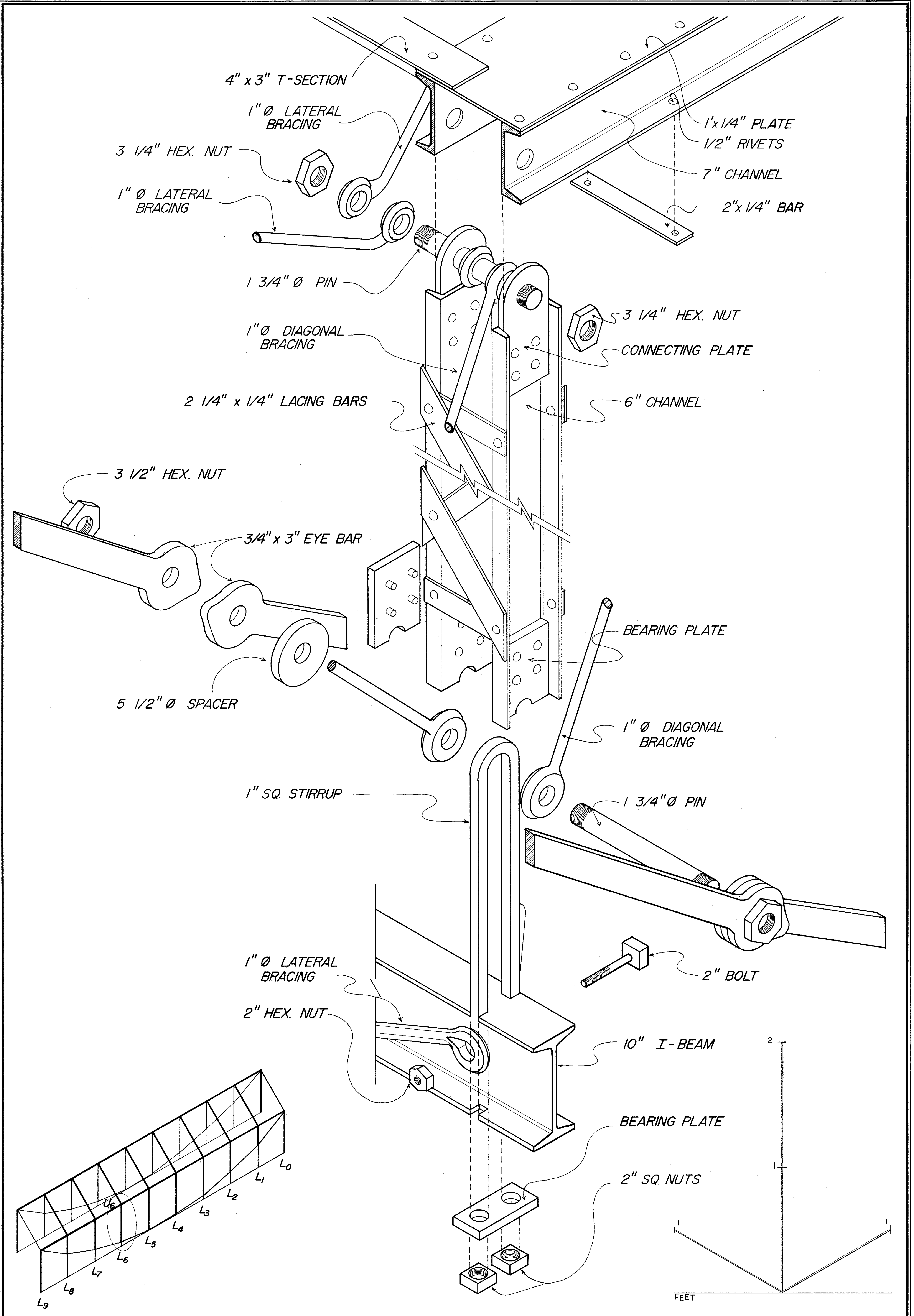
JOHN BRIGHT no.1 IRON BRIDGE 1884-85
 ON HAVENPORT ROAD (TR 263) OVER POPLAR CREEK, 3 MILES NORTHEAST OF CARROLL
 FAIRFIELD COUNTY

OHIO

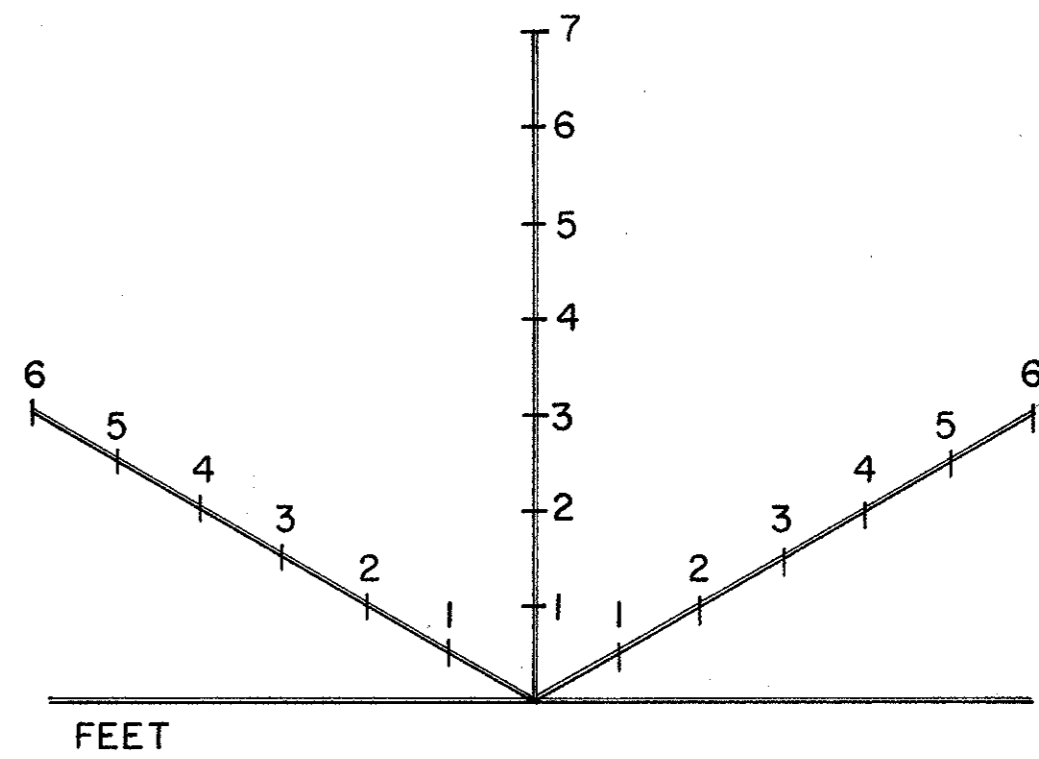
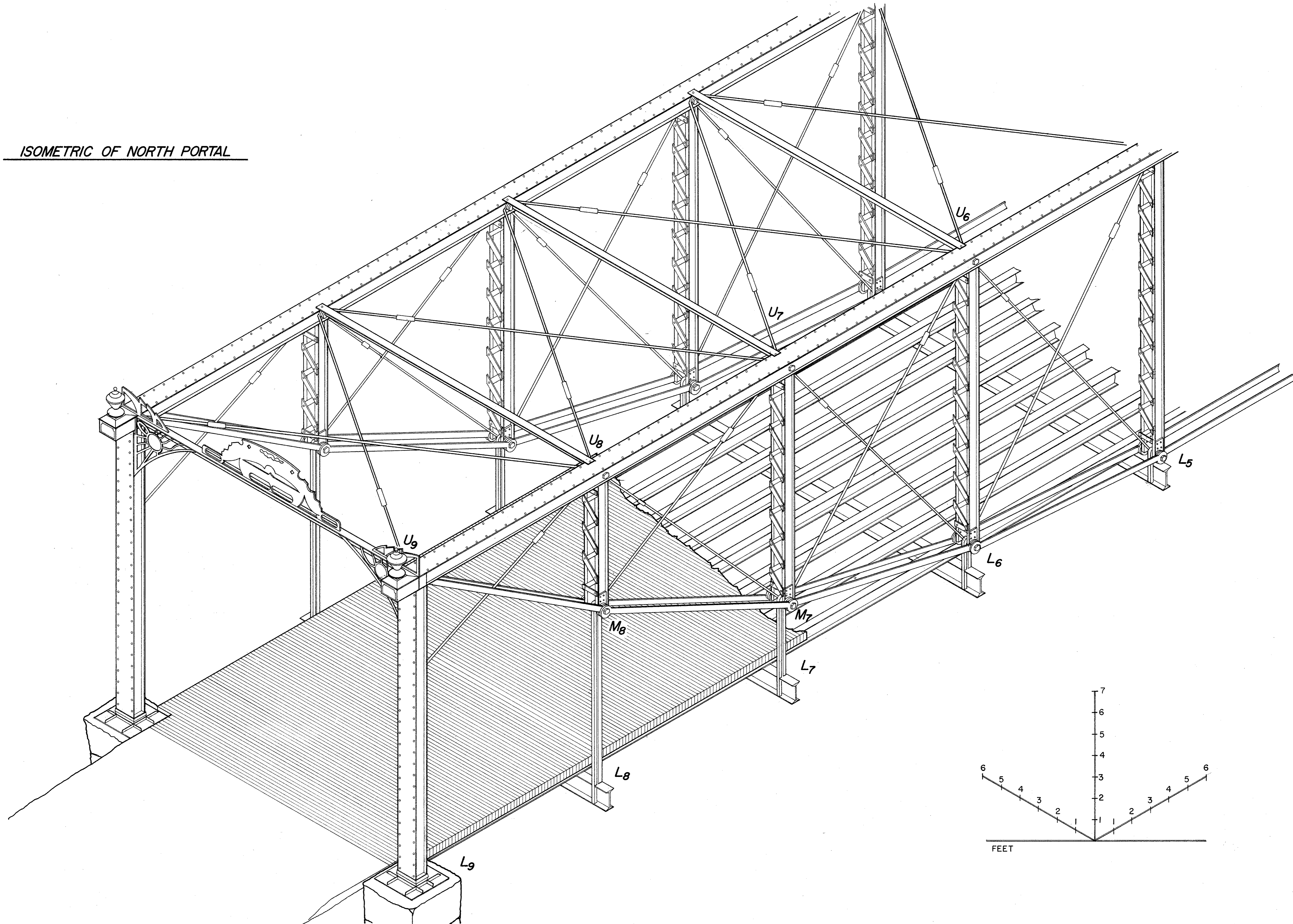
SHEET
 3 of 5

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ISOMETRIC OF NORTH PORTAL



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 HISTORIC AMERICAN ENGINEERING RECORD
 UNITED STATES DEPARTMENT OF THE INTERIOR

CARROLL
 JOHN BRIGHT NO. 1 IRON BRIDGE 1884-85
 ON HAVENSPORT ROAD (TR 263) OVER POPLAR CREEK, 3 MILES NORTHEAST OF CARROLL
 FAIRFIELD COUNTY OHIO

HISTORIC AMERICAN
 ENGINEERING RECORD
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SHEET
 5 OF 5

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