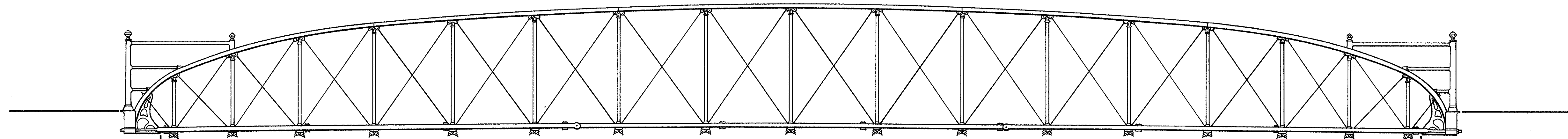


WATKINS GLEN IRON FOOT-BRIDGE

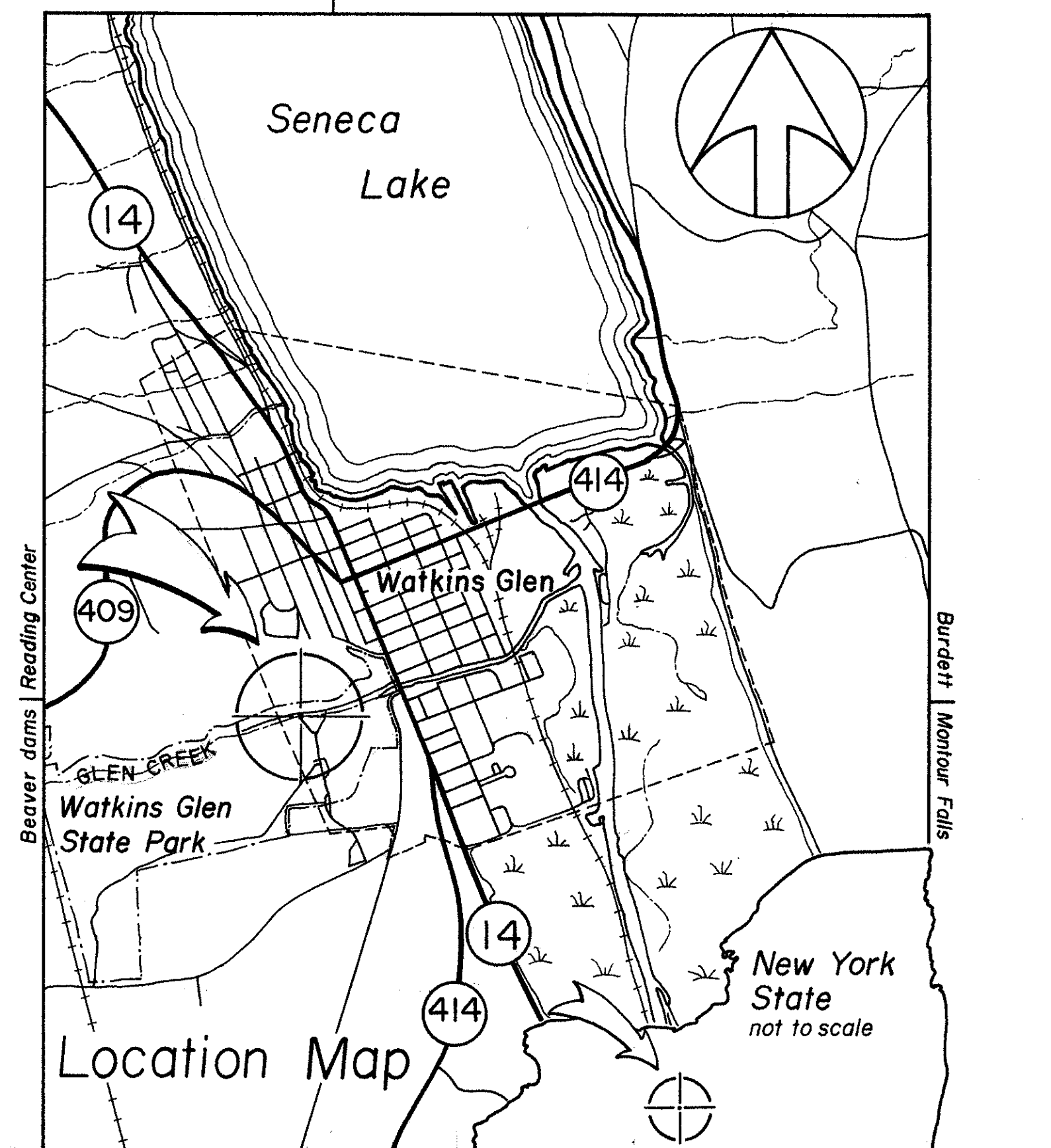
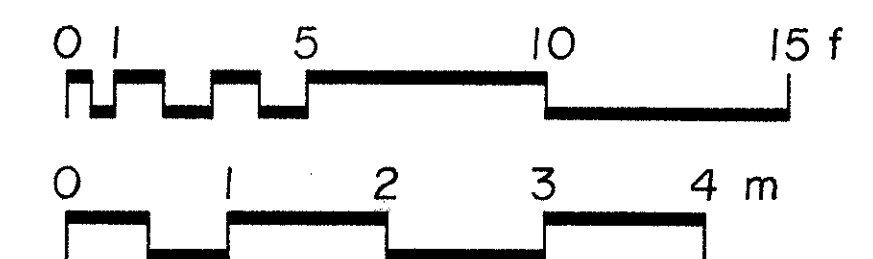
C. 1873

WATKINS GLEN

NEW YORK

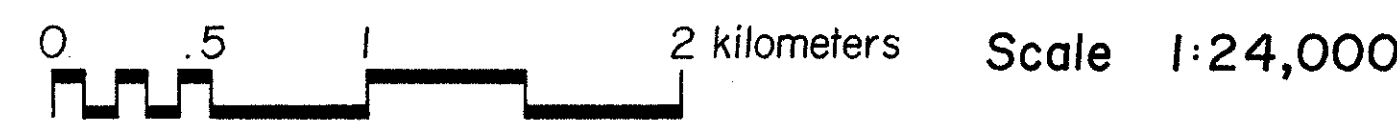


East Elevation
Scale: 1/4" = 1'-0"



Based on 1953 USGS 7.5-minute quadrangles:
Beaver Dams, Reading Center, Burdett & Montour Falls.

UTM coordinates: 18. 45470. 91820



This recording project is part of the Historic American Engineering Record (HAER), a long-range program to document historically significant engineering, industrial, and maritime sites in the United States. HAER is administered by the National Park Service, US Department of the Interior. The Cast & Wrought-Iron Bridges (New York) Recording Project was cosponsored by HAER during the summer of 1994 under the general direction of Dr. Robert J. Kapsch, Chief, HABS/HAER, the New York State Department of Transportation, Michael J. Cuddy, Assistant Commissioner & Chief Engineer, with the assistance of Mary Ivey, Environmental Section, NY DOT; the Office of New York State Parks, Recreation & Historic Preservation, J. Winthrop Aldrich, Deputy Commissioner; and the School of Architecture, Rensselaer Polytechnic Institute, Donald Watson, Dean.

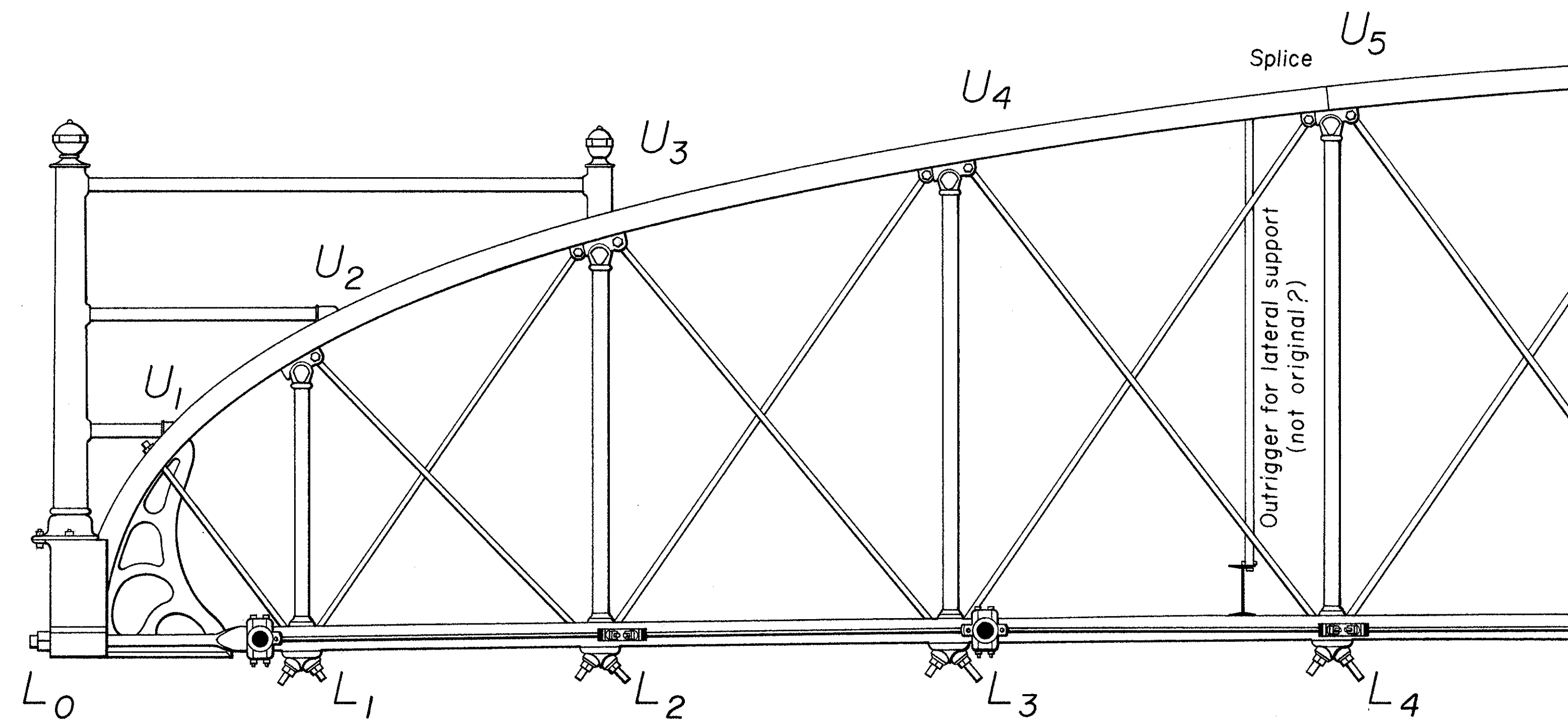
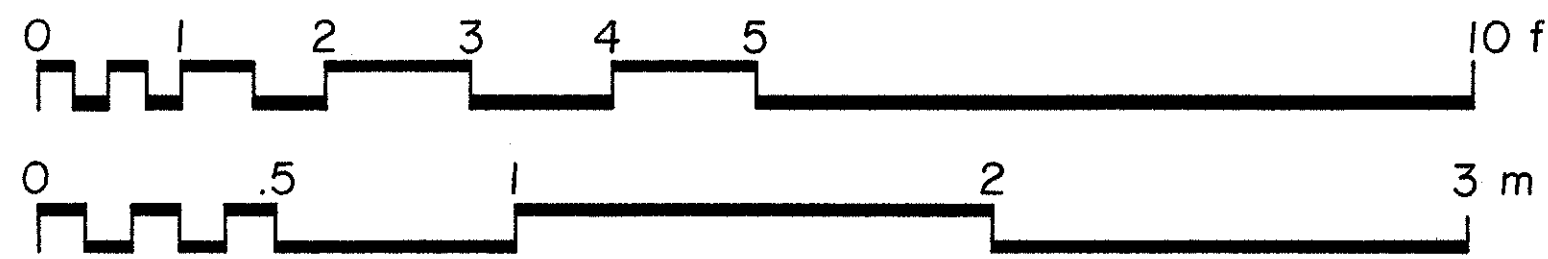
The field work, measured drawings, historical reports, and photographs were prepared under the direction of Eric DeLony, HAER Chief and Project Leader; Karl Bodensiek, Field Supervisor; Caroline Schwyer, (ICOMOS-France), architect; Wang Bing (ICOMOS-Japan), architect; and William Chamberlin, PE, historian consultant. Large-format photography was done by Jet Lowe, HAER photographer.

HISTORIC AMERICAN ENGINEERING RECORD NY-273
SHEET 1 OF 3
NEW YORK
WATKINS GLEN IRON FOOT-BRIDGE ca. 1873
FOOTPATH SPANNING GLEN CREEK
SCHUYLER COUNTY
WATKINS GLEN
DELINEATED BY: Karl N. Bodensiek, 1995
CAST & WROUGHT-IRON BRIDGES
RECORDING PROJECT NEW YORK
UNITED STATES DEPARTMENT OF THE INTERIOR

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

Longitudinal Section

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



Transverse Elevation/Section

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

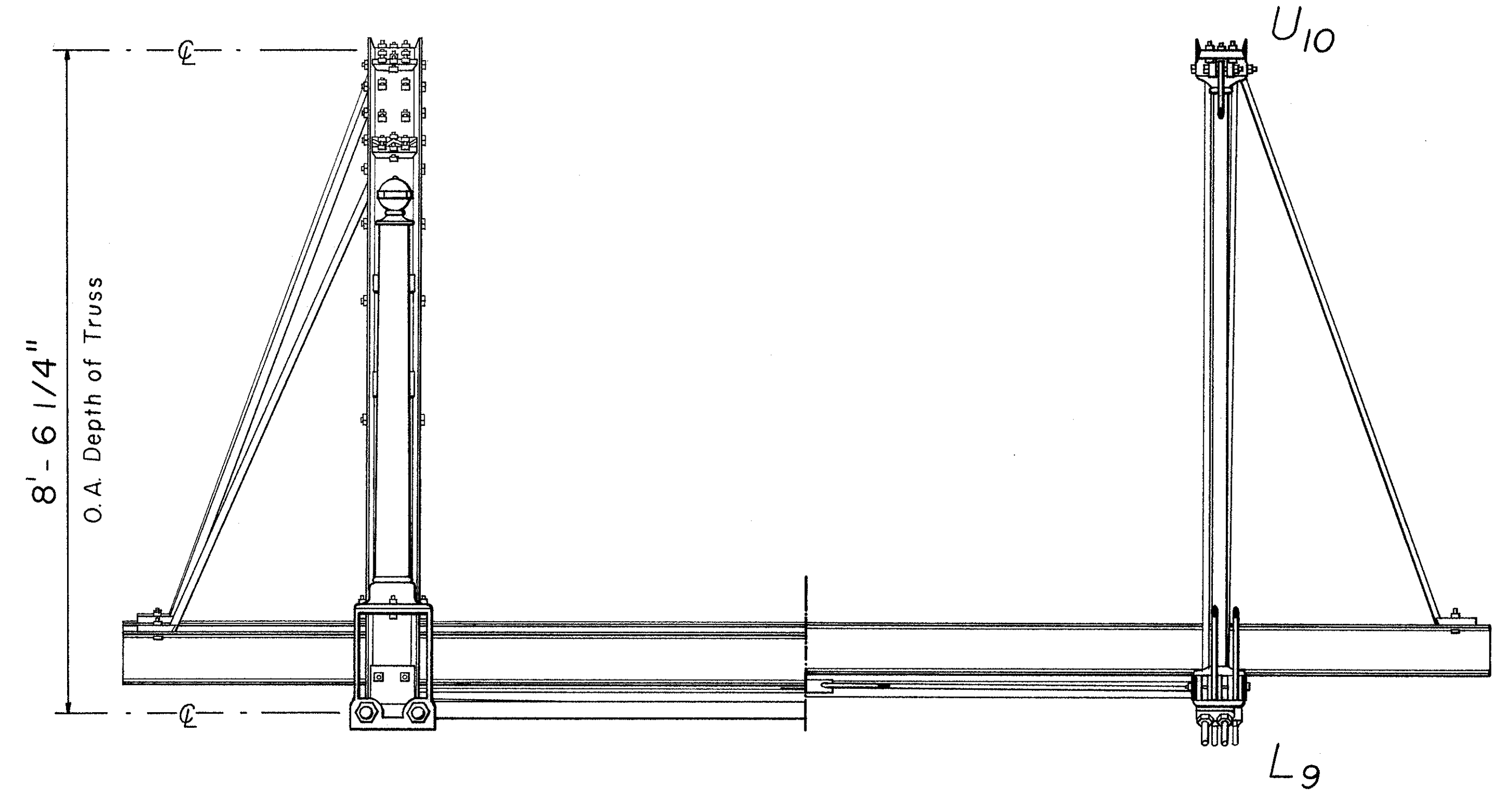
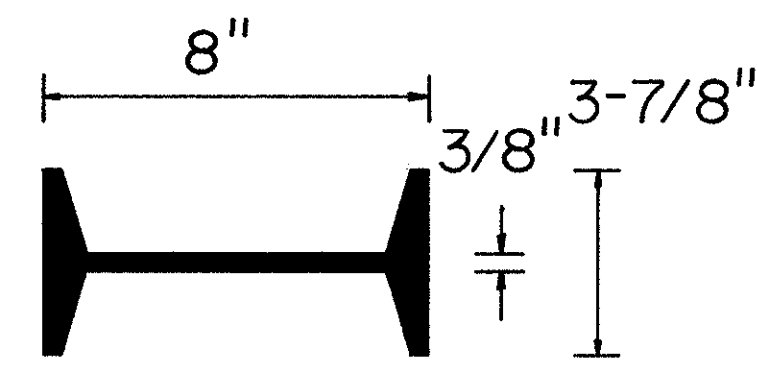
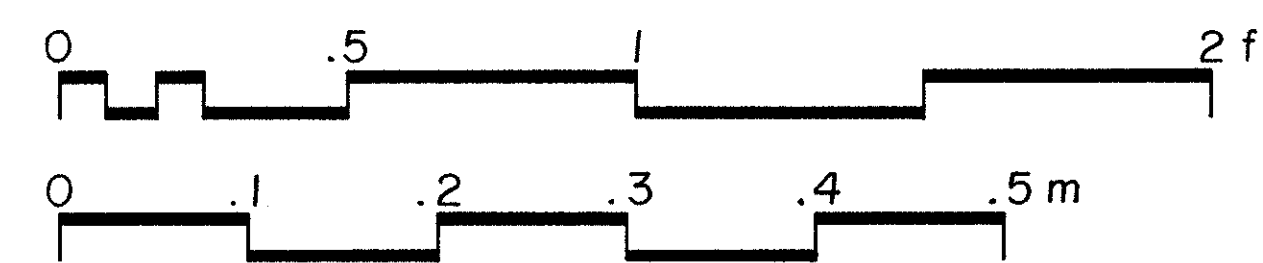


Table of Members

Scale: 3" = 1'-0"



3/8" —
7/8" —

Upper Chord



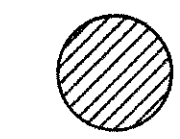
— —
1" —

Diagonals



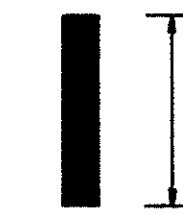
— —
1-1/4" —

Outriggers



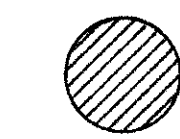
— —
2-3/8" —

Verticals
(hollow?)



— —
3/4" —

Lower Chord



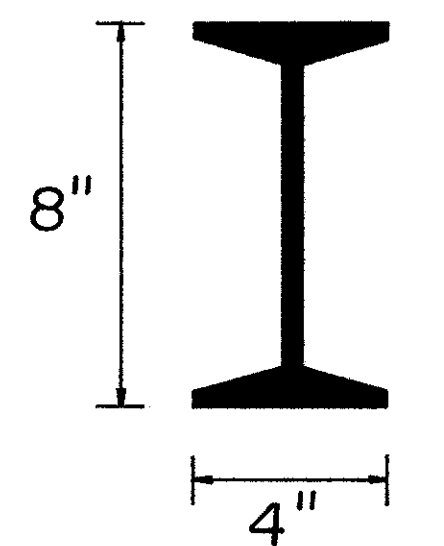
— —
2-3/8" —

Tie-beams
(hollow?)



— —
3/4" —

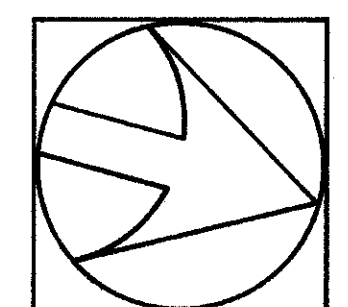
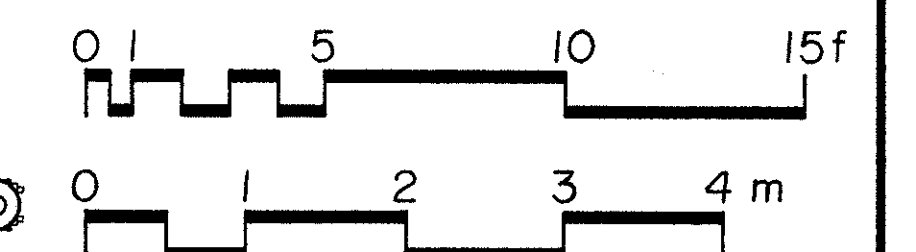
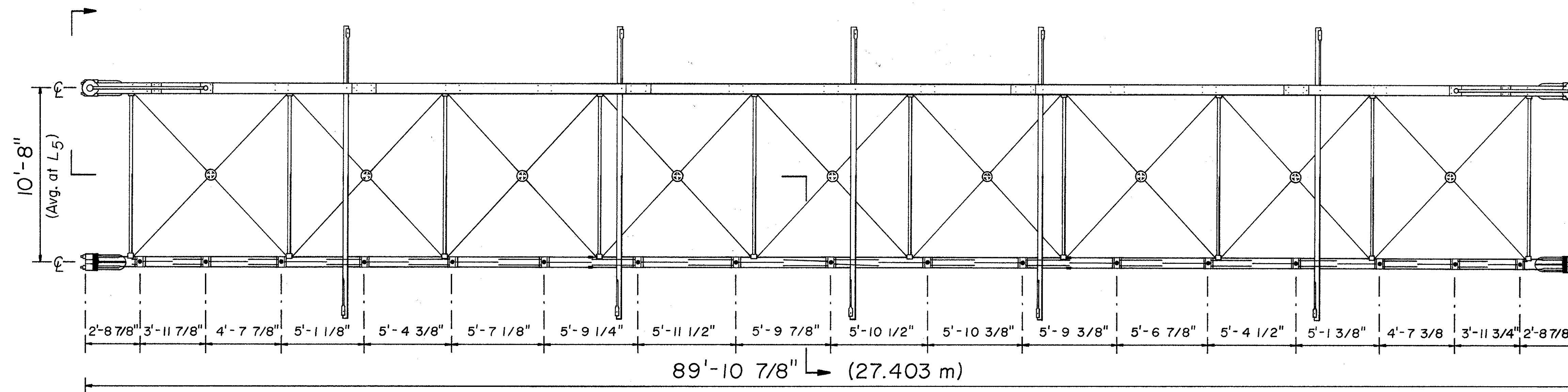
Lateral Bracing



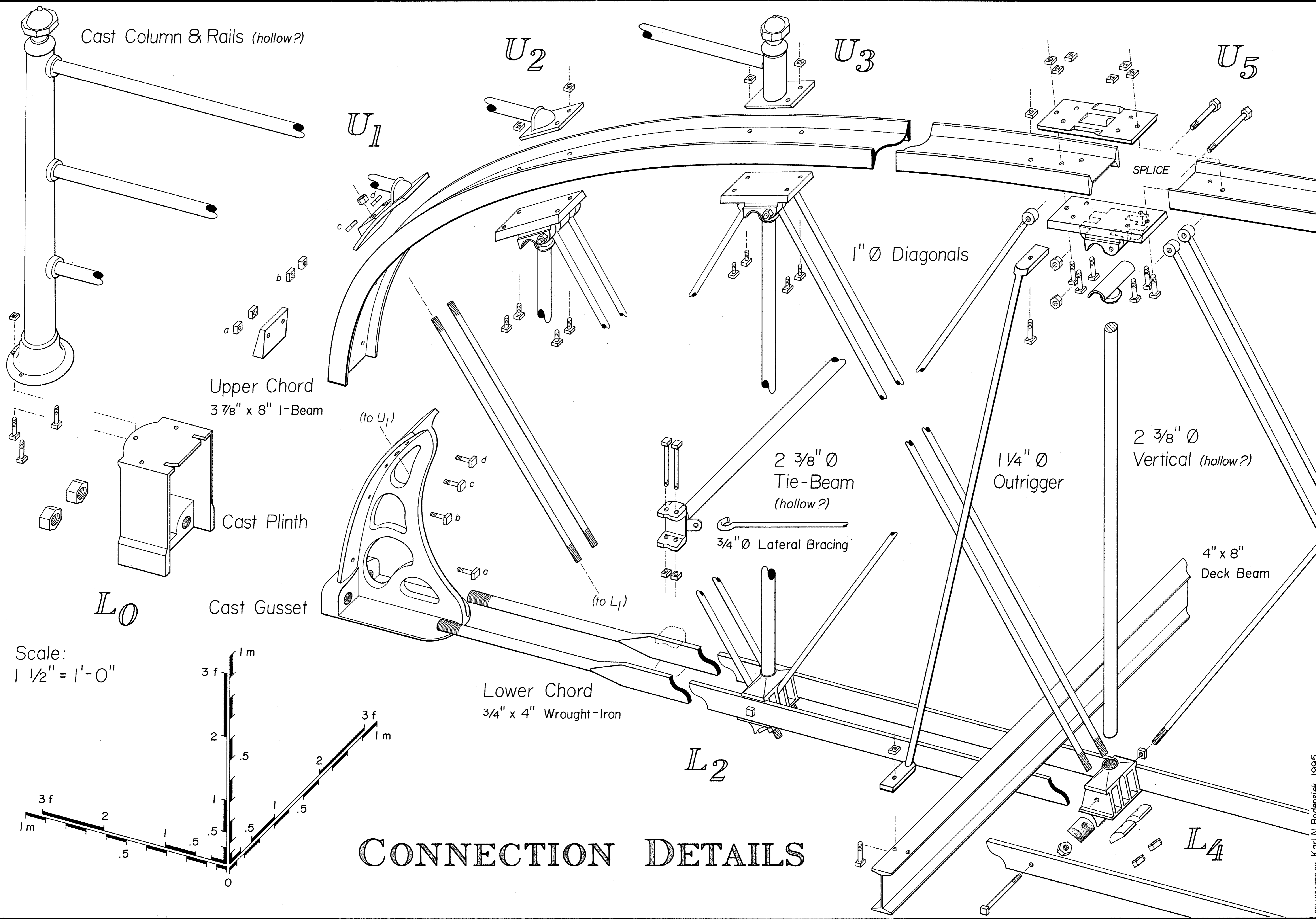
Deck Beams
all dims. not accessible

Plan

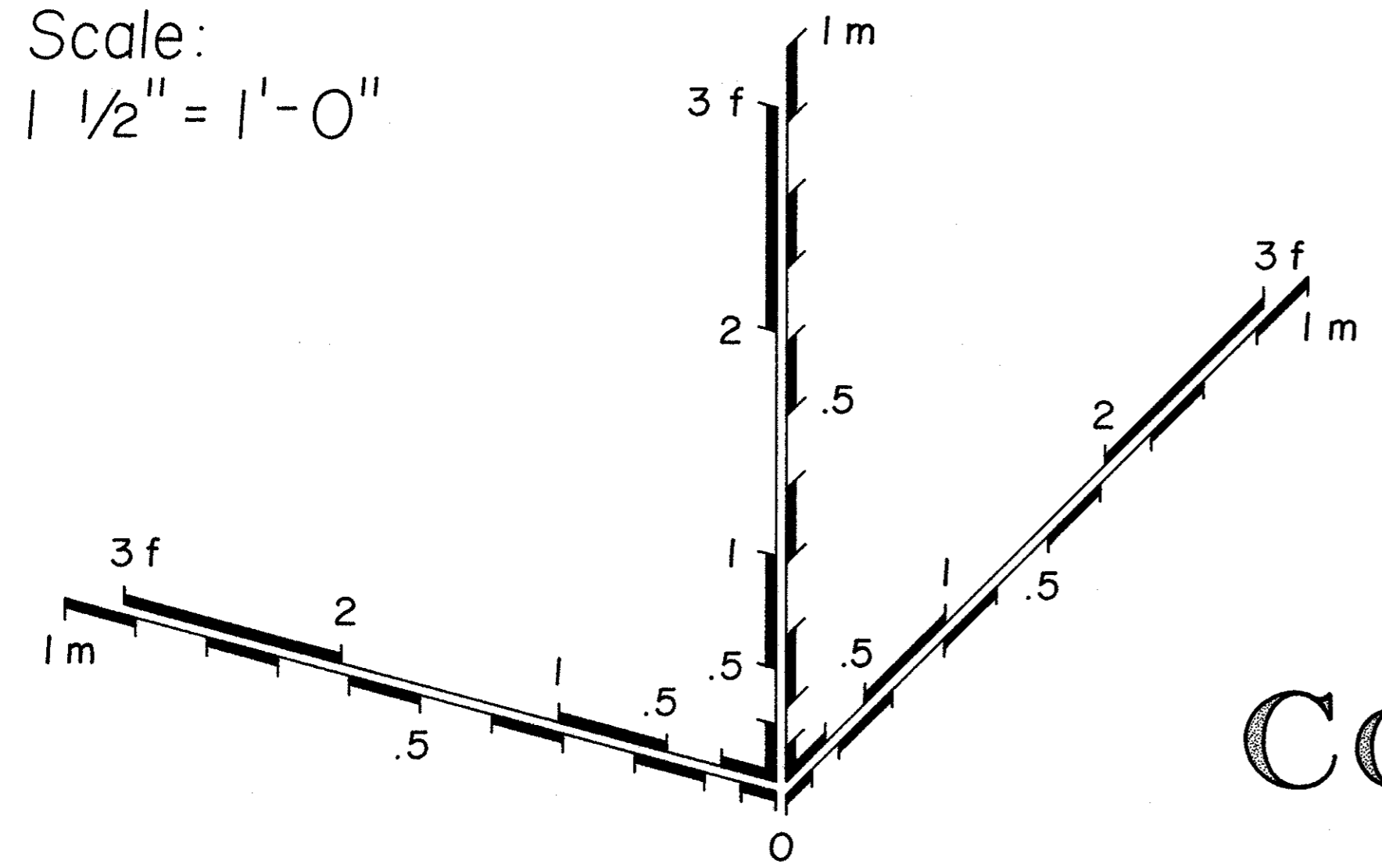
Scale: 1/4" = 1'-0"



HISTORIC AMERICAN ENGINEERING RECORD
 SHEET 2 of 3
 NEW YORK
 WATKINS GLEN IRON FOOT-BRIDGE ca. 1873
 FOOTPATH SPANNING GLEN CREEK
 SCHUYLER COUNTY
 WATKINS GLEN
 DELINEATED BY: Karl N. Bodensiek, 1995
 CAST & WROUGHT-IRON BRIDGES
 RECORDING PROJECT - NEW YORK
 UNITED STATES DEPARTMENT OF THE INTERIOR
 IF REPRODUCED, PLEASE CREDIT: HISTORIC AMERICAN ENGINEERING RECORD, NATIONAL PARK SERVICE, NAME OF DELINEATOR, DATE OF THE DRAWING



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



CONNECTION DETAILS

HISTORIC AMERICAN ENGINEERING RECORD
 SHEET 3 of 3
 NEW YORK
 WATKINS GLEN
 WATKINS GLEN IRON FOOT-BRIDGE ca. 1873
 FOOTPATH SPANNING GLEN CREEK
 SCHUYLER COUNTY
 DELINEATED BY: Karl N. Bodensiek, 1995
 CAST & WROUGHT-IRON BRIDGES
 RECORDING PROJECT - NEW YORK
 UNITED STATES DEPARTMENT OF THE INTERIOR
 IF REPRODUCED, PLEASE CREDIT: HISTORIC AMERICAN ENGINEERING RECORD, NATIONAL PARK SERVICE, NAME OF DELINEATOR, DATE OF THE DRAWING