

GREAT SMOKY MOUNTAINS NATIONAL PARK ROADS & BRIDGES,  
SMOKEMONT BRIDGE  
(Bridge No. 096)  
Entrance of Smokemont Campground, spanning the Oconaluftee River  
Gatlinburg Vicinity  
Sevier County  
Tennessee

HAER NO. TN-35-R

HAER  
TENN  
78-GAT.V  
6R-

PHOTOGRAPHS

MEASURED AND INTERPRETIVE DRAWINGS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD  
National Park Service  
Department of the Interior  
P.O. Box 37127  
Washington, D.C. 20013-7127

HISTORIC AMERICAN ENGINEERING RECORD

GREAT SMOKY MOUNTAINS NATIONAL PARK ROADS AND BRIDGES,  
SMOKEMONT BRIDGE  
(Bridge No. 096)

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Location: Great Smoky Mountains National Park, Tennessee; spanning the Oconaluftee River from Newfound Gap Road to Smokemont Campground

Date of Construction: 1950s

Type of Structure: vehicular bridge

Engineer: U.S. Bureau of Public Roads and National Park Service

Fabricator/Builder: unknown

Owner: U.S. Department of the Interior, National Park Service, Great Smoky Mountains National Park

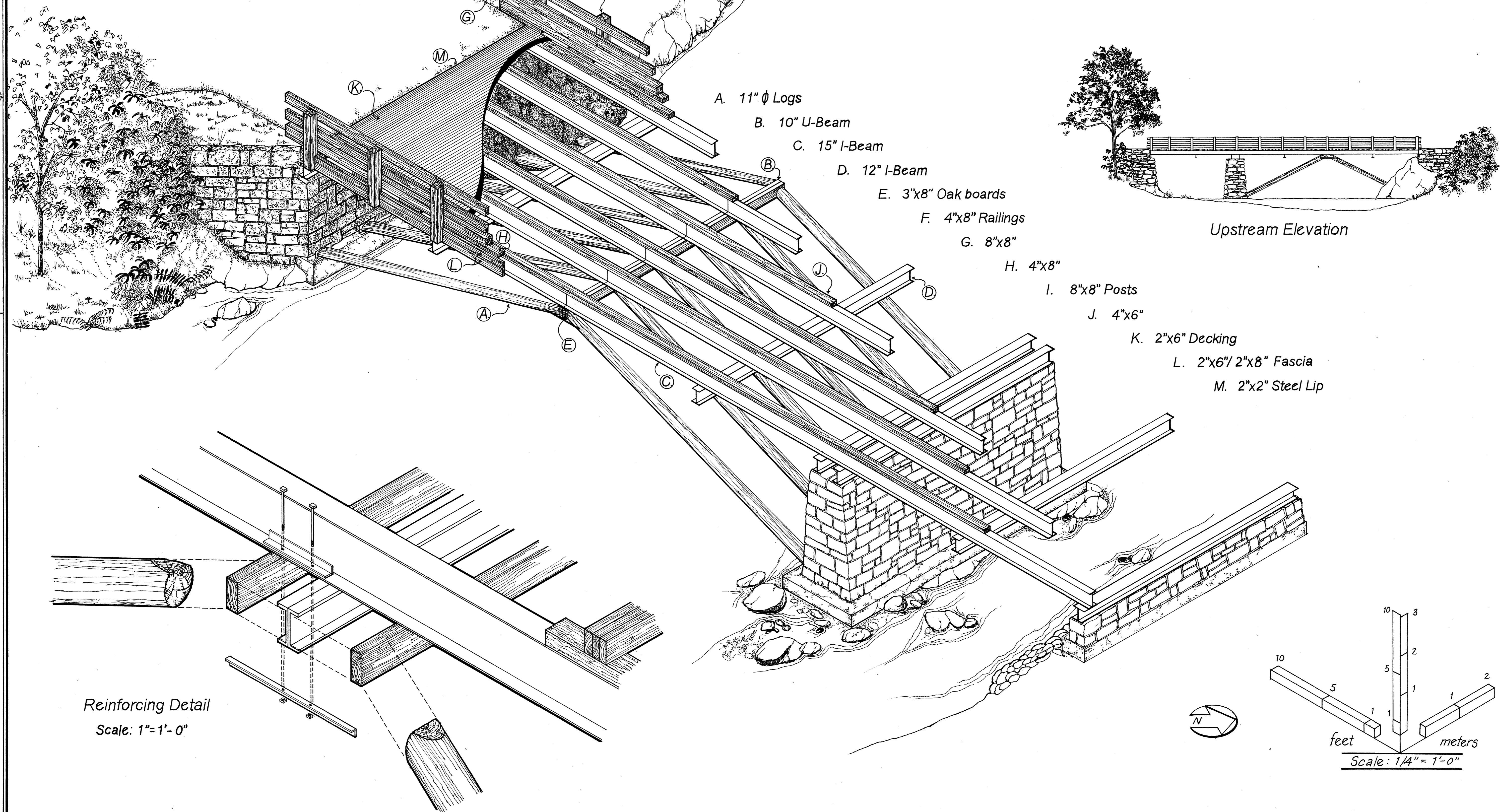
Significance: The Smokemont Bridge is a significant component of the transportation system in Great Smoky Mountains National Park. Providing access to the first national park in the southern portion of the United States, this network of roads and bridges is representative of NPS park road design throughout the country. The Smokemont Bridge is a unique structure, unlike no other bridge in the park, consisting of a wood deck spanning the river between two stone abutments. For additional information on the Smokemont Bridge, see HAER No. TN-35, historical overview pages 117-118.

Project Information: Documentation was conducted during the summer of 1996 under the co-sponsorship

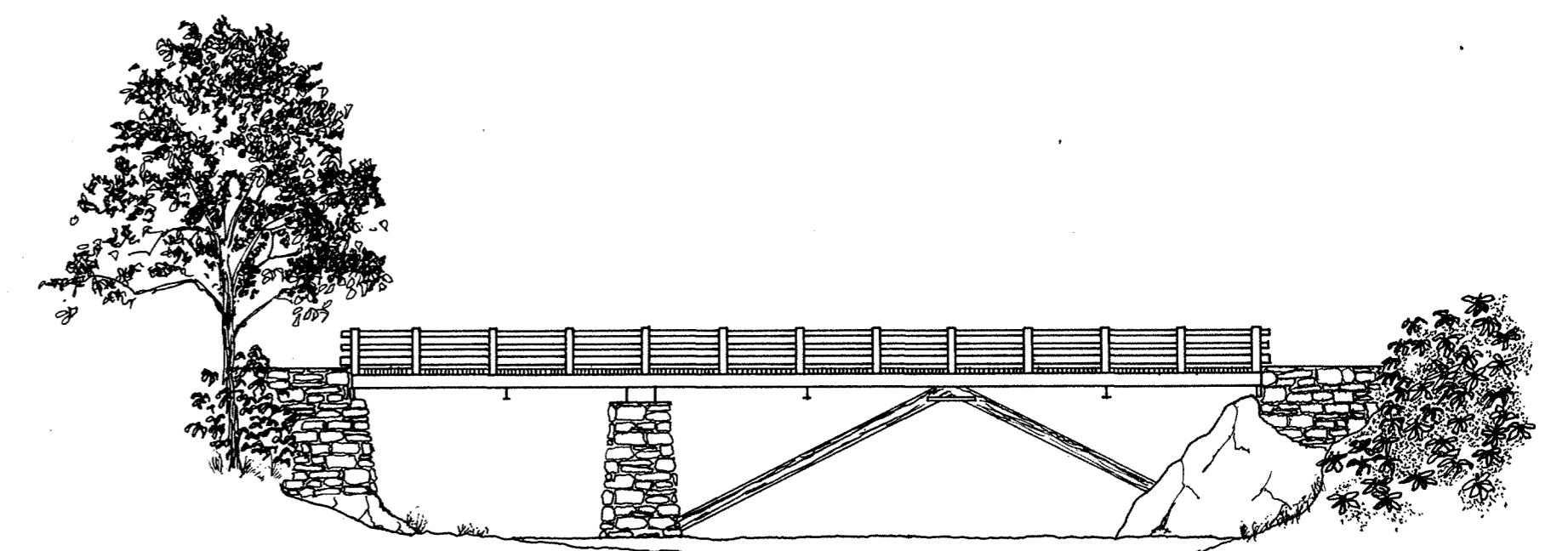
GREAT SMOKY MOUNTAINS NATIONAL PARK ROADS AND BRIDGES,  
SMOKEMONT BRIDGE  
HAER NO. TN-35-R  
(Page 2)

of HABS/HAER, Great Smoky Mountains National Park, the National Park Service through the Federal Lands Highway Program. Measured drawings were produced by Edward Lupyak, field supervisor, Matthew Regnier, Karen Young and Dorota Sikora (ICOMOS, Poland). The historical reports were prepared by Cornelius Maher and Michael Kelleher. See also drawings and histories on related structures: Newfound Gap Road, TN-35-A; Clingmans Dome Road, TN-35-B; Little River Road, TN-35-C; Cades Cove and Laurel Creek Roads, TN-35-D; Foothills Parkway, TN-35-E; Cataloochee Valley Road, TN-35-F; Roaring Fork Motor Nature Trail, TN-35-G; Big Creek Road, TN-35-K; Greenbrier Road, TN-35-L; Heintooga Ridge and Balsam Mountain Road, TN-35-O; Elkmont Road, TN-35-P; Loop Over Bridge, TN-35-Q; Elkmont Vehicle Bridge, TN-35-S; and Lutten Bridges, TN-35-T.

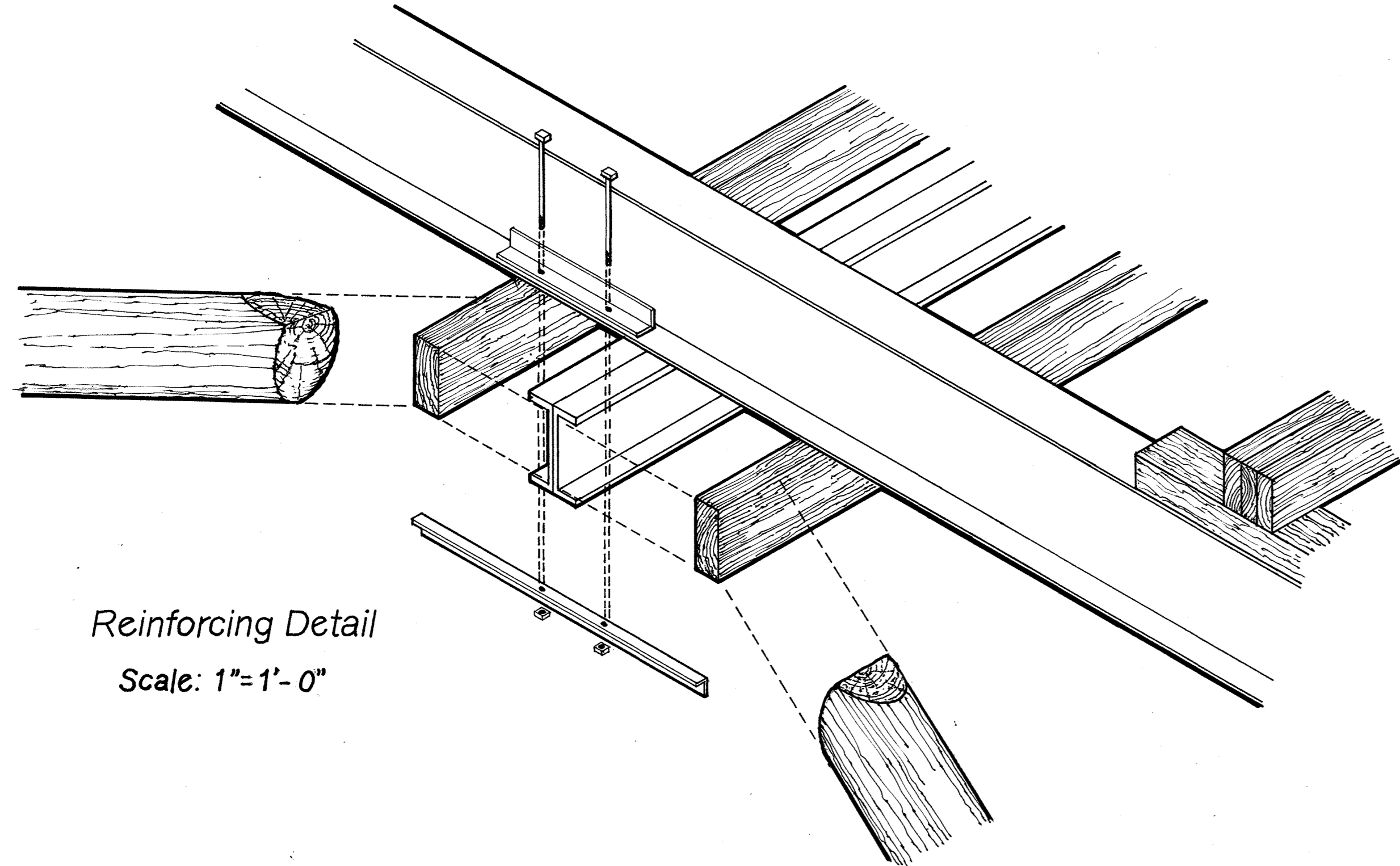
# SMOKEMONT BRIDGE



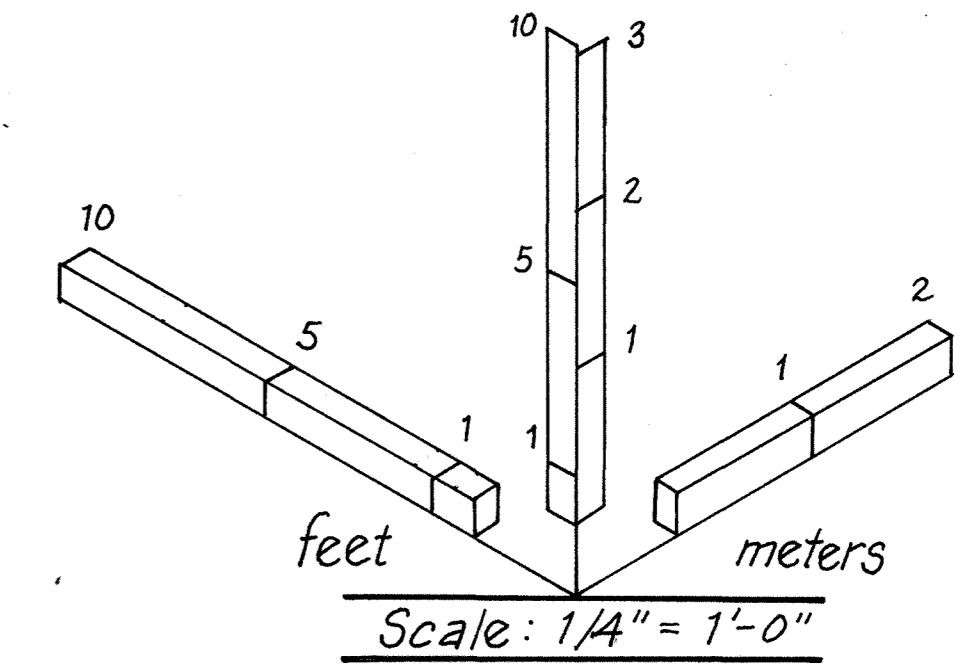
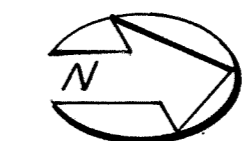
- A. 11"  $\phi$  Logs
- B. 10" U-Beam
- C. 15" I-Beam
- D. 12" I-Beam
- E. 3"x8" Oak boards
- F. 4"x8" Railings
- G. 8"x8"
- H. 4"x8"
- I. 8"x8" Posts
- J. 4"x6"
- K. 2"x6" Decking
- L. 2"x6"/2"x8" Fascia
- M. 2"x2" Steel Lip



Upstream Elevation



Reinforcing Detail  
Scale: 1"=1'-0"



DELINEATED BY: Matthew J. Regnier, 1996  
 NATIONAL PARK SERVICE ROADS & BRIDGES  
 RECORDING PROGRAM  
 NATIONAL PARK SERVICE  
 UNITED STATES DEPARTMENT OF THE INTERIOR

GREAT SMOKY MOUNTAINS NATIONAL PARK  
 ROADS & BRIDGES, SMOKEMONT BRIDGE  
 SEVIER COUNTY  
 TENNESSEE

HISTORIC AMERICAN  
 ENGINEERING RECORD  
 SHEET  
 1 of 1  
 TN-35-R

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

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

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Sevier County  
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HAER NO. TN-35-R

David Haas, Photographer, 1996

TN-35-R-1                    ELEVATION VIEW OF BRIDGE TO SMOKEMONT CAMPGROUND.  
TN-35-R-2                    DECK VIEW OF BRIDGE TO SMOKEMONT CAMPGROUND.



HAER No. TN-35-R-1

