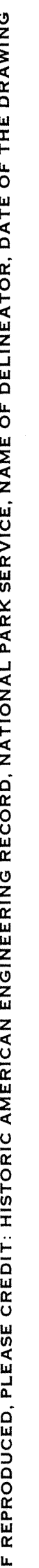
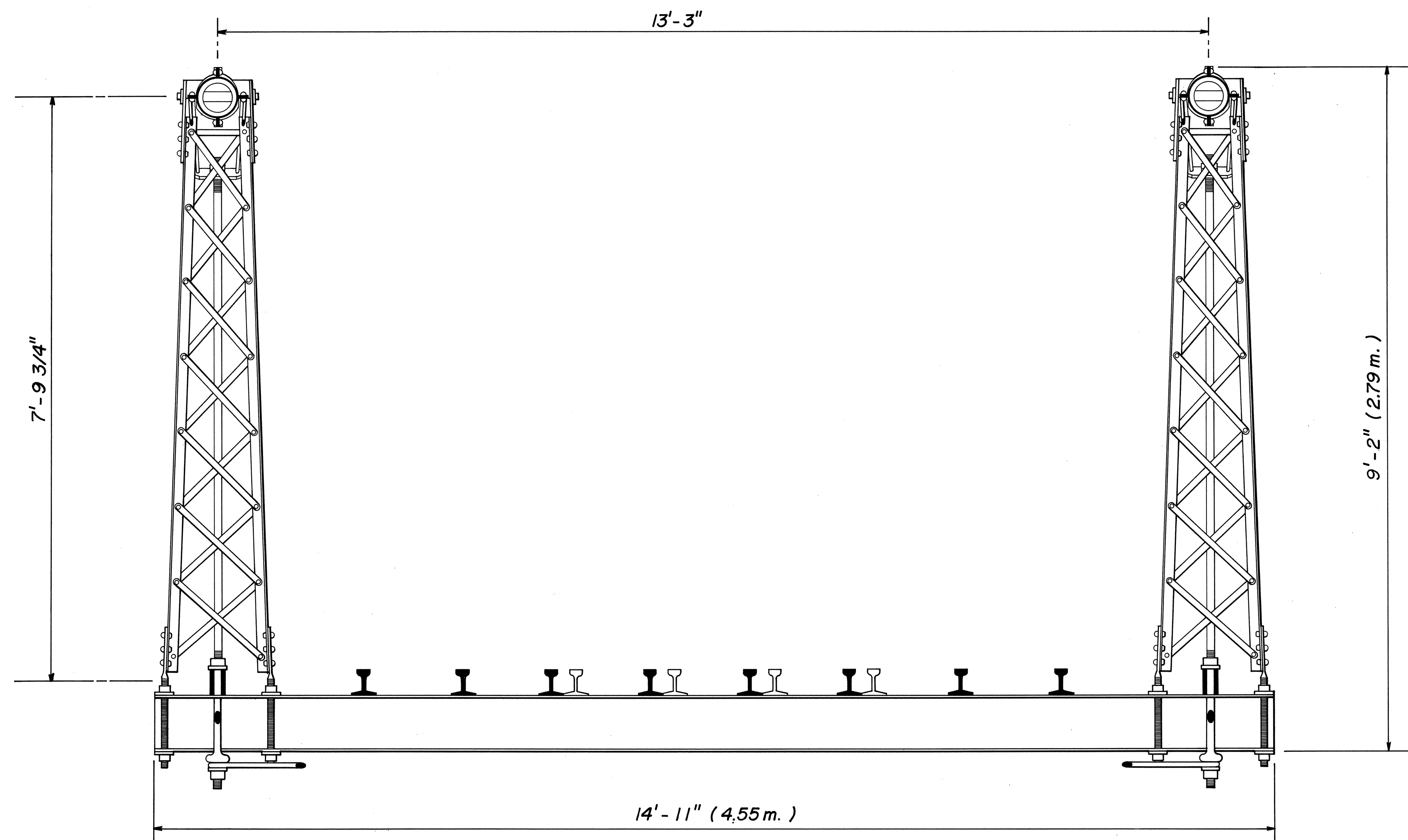


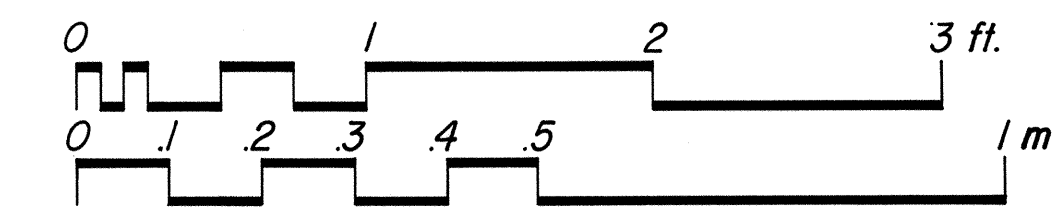
TRIM LINE



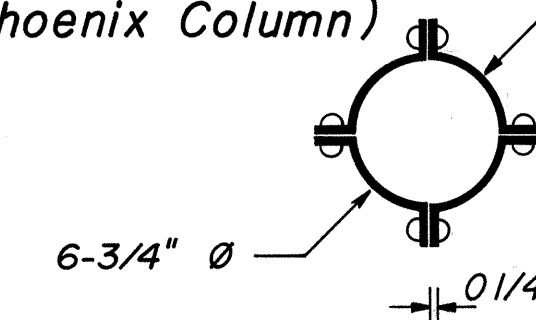


## Table of Member Section

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



Upper Chord  
(Phoenix Column)



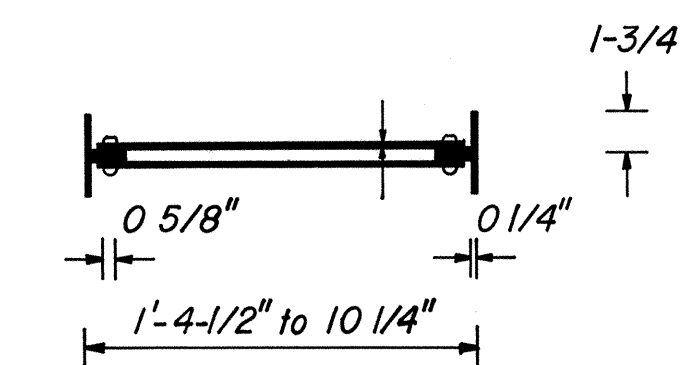
Diagonals

• 1-1/8"  $\varnothing$

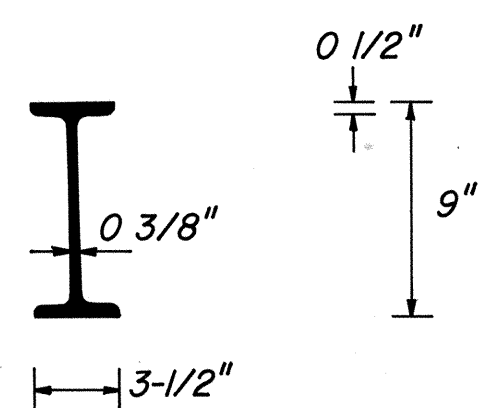
Counters

• 1-1/8"  $\varnothing$

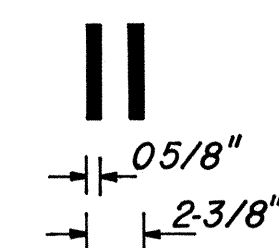
Post



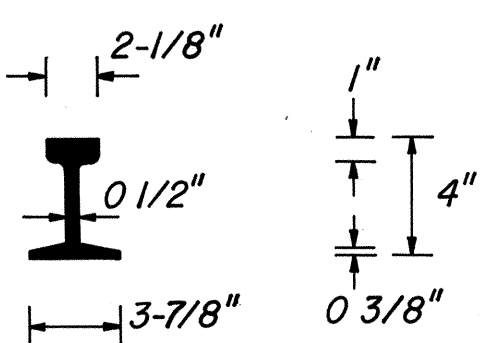
Transverse Beams



Lower Chord

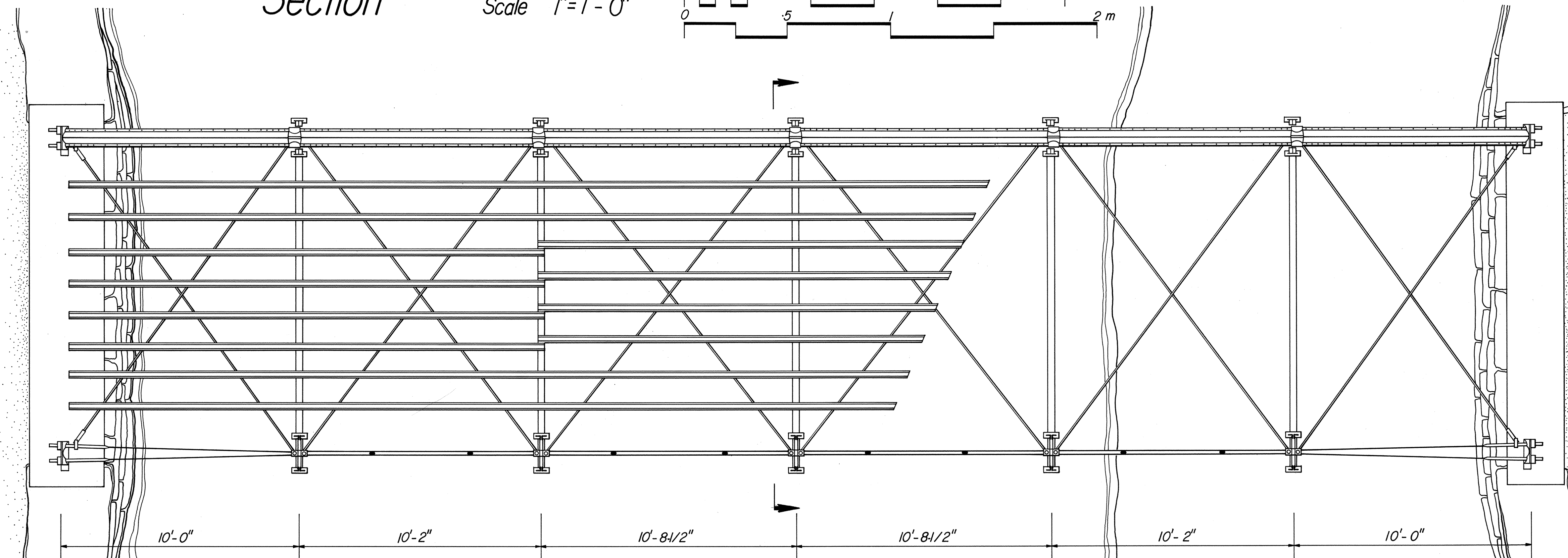


Stringers

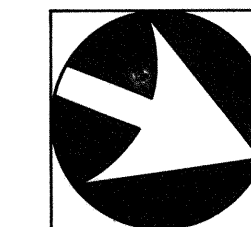


Lower Lateral Rods

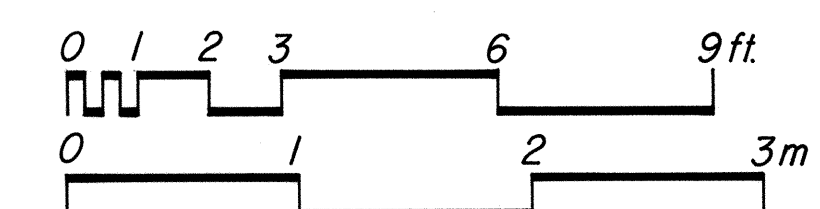
• 3/4"  $\varnothing$



Plan



Scale: 3/8" = 1'-0"

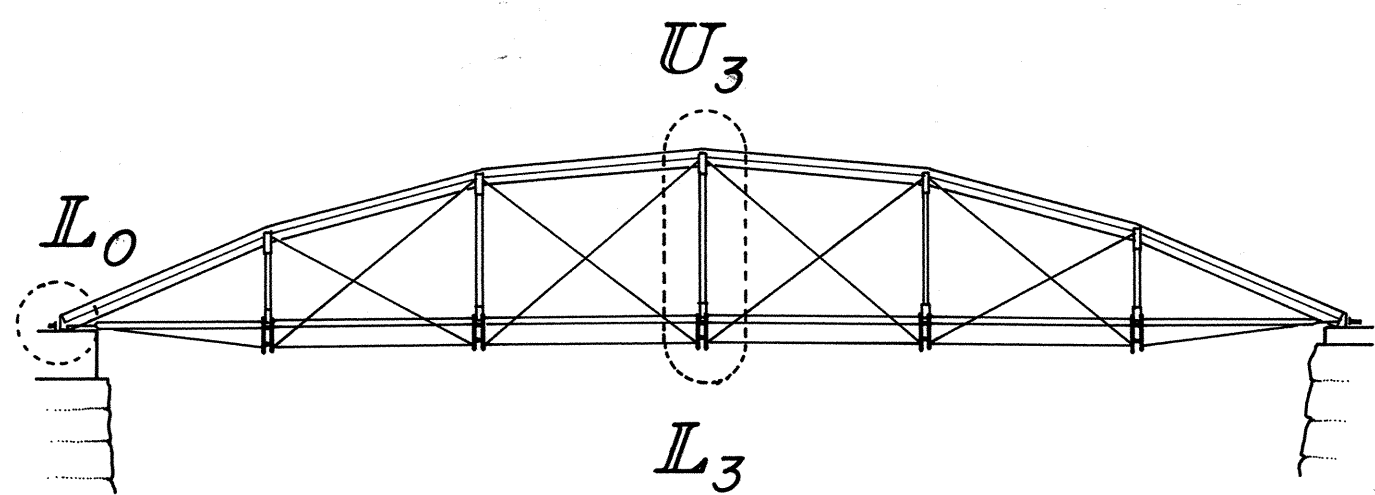




# CONNECTION DETAILS

TOP CONNECTION

$U_3$



$3/4"$   $\emptyset$  Lower  
Lateral Diagonal  
Bracing Rods

$6\ 3/4"$   $\emptyset$  Upper Chord  
(Phoenix Column)

These Two Edges  
are not Consistently  
Flush Between Casting  
and Column.

4" Square Nuts

$4\ 1/8"$   $\emptyset$  Washer

Cast-Iron Shoe

$L_0$

END TRUSS

Modern Bracket  
for Lateral Bracing

Brace Welded  
to Bracket

Bracket Welded  
to Lower Chord

4" Railroad Rail  
Stringer

$1\ 1/8"$   $\emptyset$  Diagonal  
Bracing

9" X  $3\ 1/2"$  Traverse Beam

2- 4" X  $5/8"$  Lower Chords

$L_3$

BOTTOM CONNECTION

$3/4"$  Rod

3" X 8" Plate

$3/4"$  X  $1\ 1/4"$   
hex nuts

4" X  $1\ 1/4"$   
Plate

POST

$1/4"$  X  $1\ 3/4"$  Angles

1" Bars

$5/8"$  Rivets

$1\ 1/4"$  X  $2\ 1/4"$   
Hex Nuts

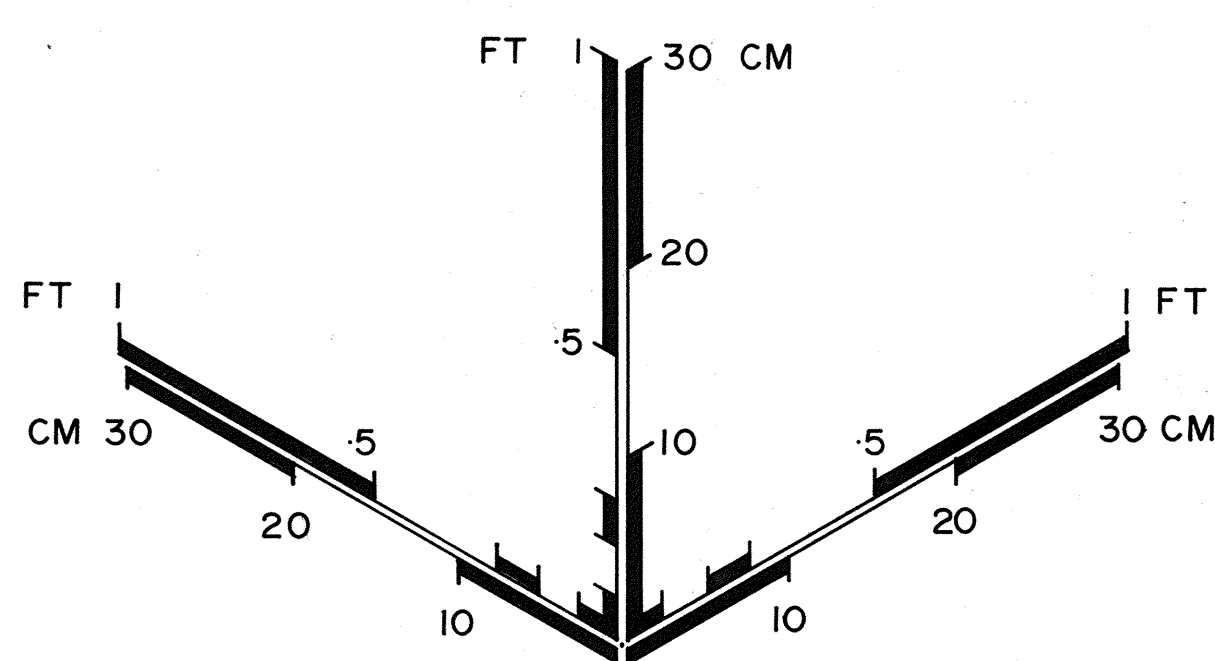
4" X  $7\ 1/4"$   
Cast-Iron Plate  
with screws

$5/8"$  Rivets

1" X  $3/4"$   
Hex Nuts

3" X 8" Plates

3" X  $8\ 1/2"$  Plates



Scale 3"=1'-0"

DELINEATED BY: Luis G. Rosario-Lliveras, Summer 1995.

CAST & WROUGHT IRON BRIDGES  
RECORDING PROJECT-NEW YORK  
NATIONAL PARK SERVICE  
UNITED STATES DEPARTMENT OF THE INTERIOR

DEWITT

COOPER'S TUBULAR ARCH BRIDGE  
CEDAR BAY PARK'S BIKE PATH, SPANNING THE OLD ERIE CANAL  
ONONDAGA COUNTY

NEW YORK

SHEET  
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