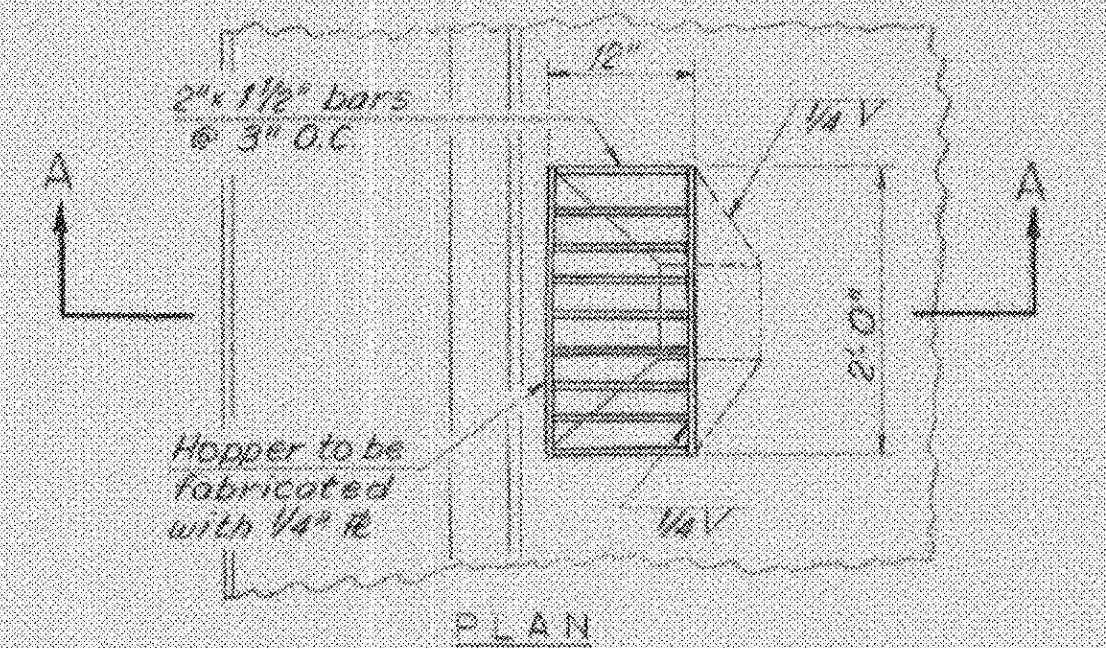
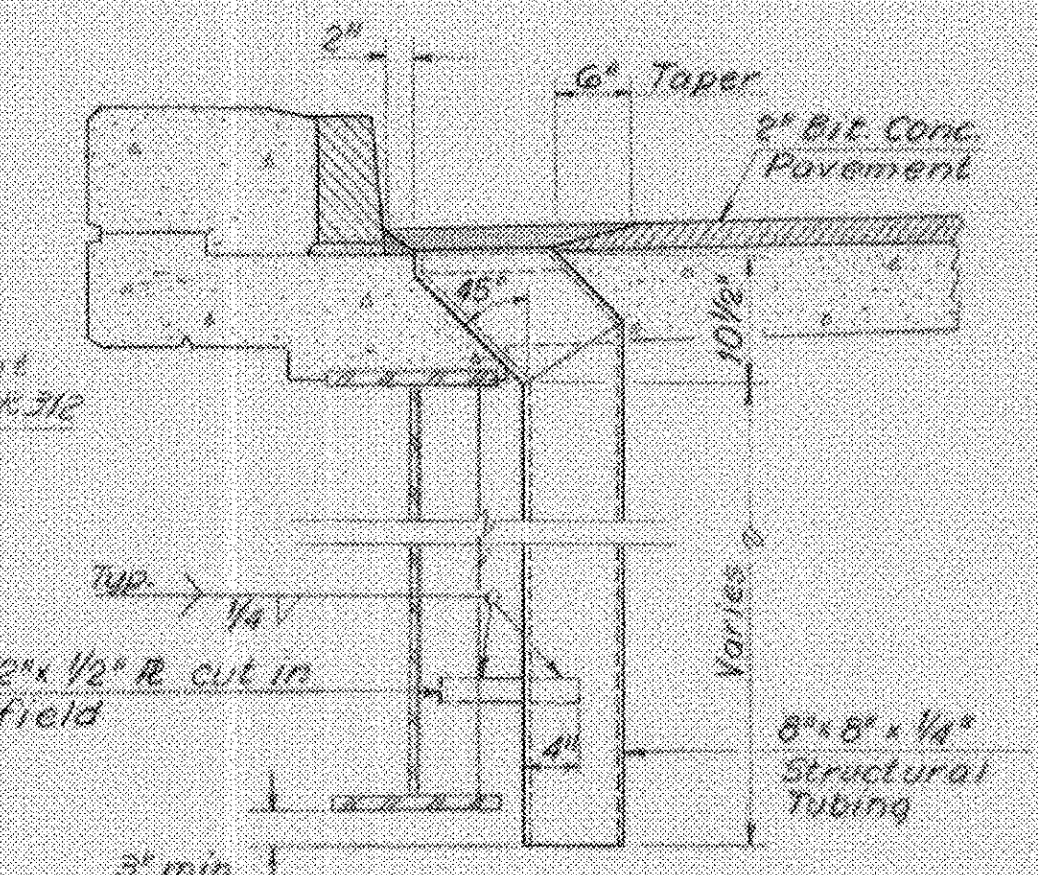


**FRAMING PLAN - W.B.**  
Scale: 3/32" = 1'-0"

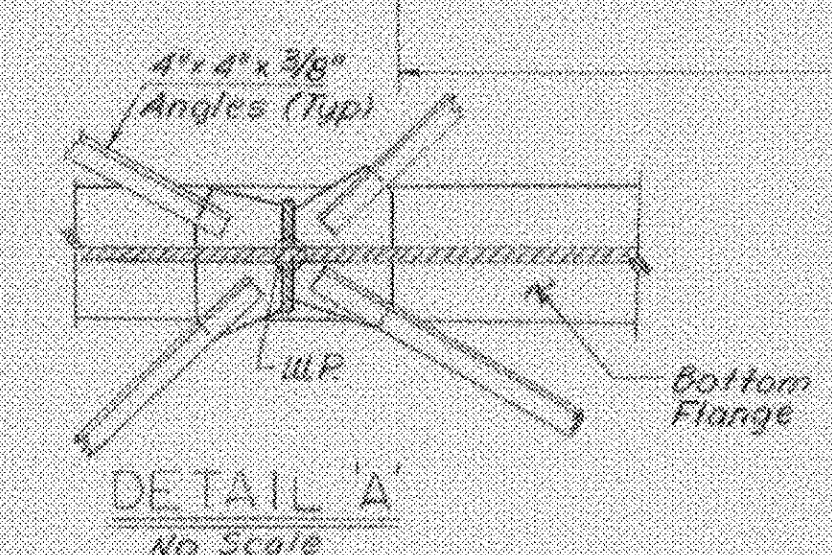
NOTE: Distance from  $\epsilon$  Bearing to  $\epsilon$  Bearing along  $\epsilon$  girder is 120'-0" (Typical for all girders). Cross-frames to be radial from  $\epsilon$  W.B. Lane.



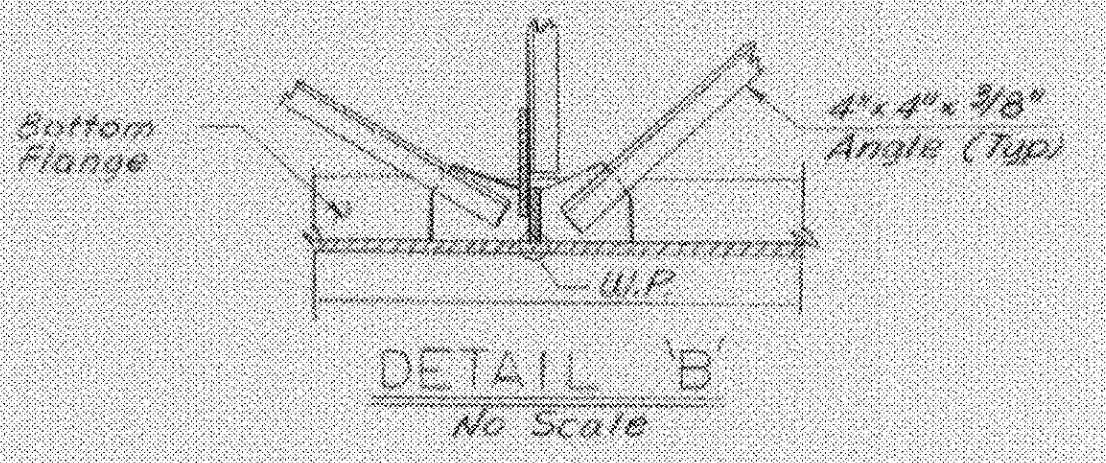
PLAN



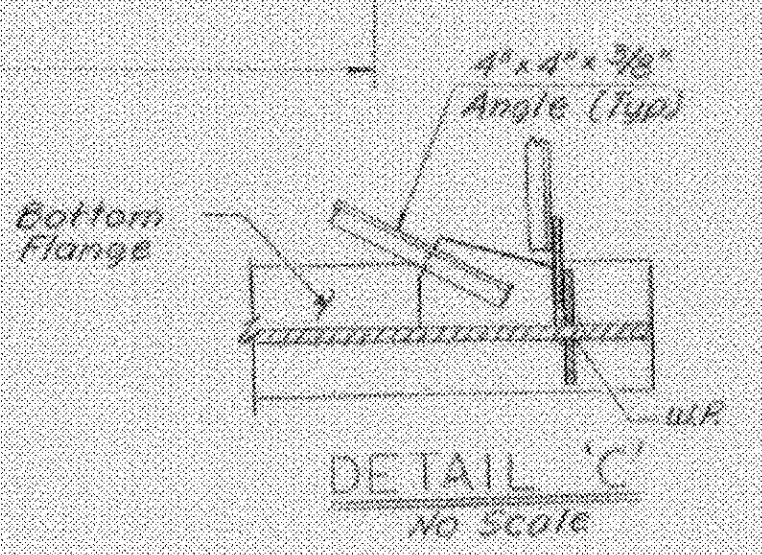
SECTION A-A  
**SCUPPER DETAIL**  
Scale: 3/4" = 1'-0"



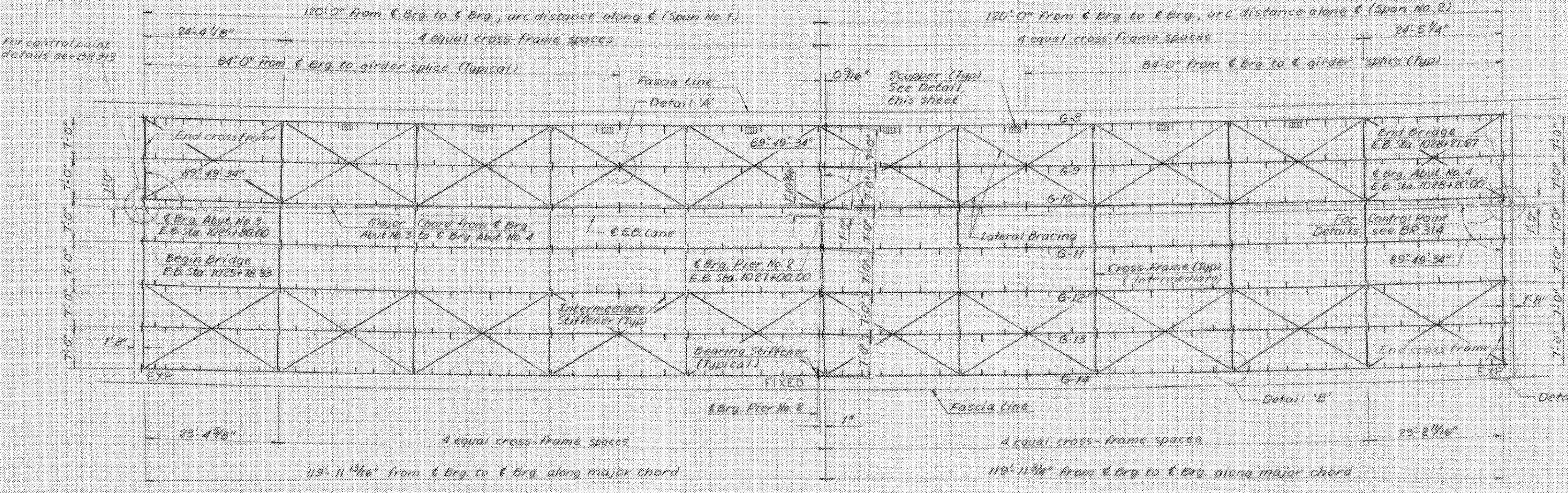
DETAIL 'A'  
No Scale



DETAIL 'B'  
No Scale



DETAIL 'C'  
No Scale



**FRAMING PLAN - E.B.**  
Scale: 3/32" = 1'-0"

NOTE: Distance from  $\epsilon$  Bearing to  $\epsilon$  Bearing along  $\epsilon$  girder is 120'-0" (Typical for all girders). Cross-frames to be radial from  $\epsilon$  E.B. Lane.

For control point details see BR 313

For control point details see BR 312

- NOTES**
- For General Notes, see BR 301.
  - For Joint Details, see BR 310.
  - For Cross-Frame Notes & Girder Details, see BR 307.
  - All girders are concentric with  $\epsilon$  W.B. Lane and  $\epsilon$  E.B. Lane.
  - The application of heat, by the so-called "Heat Curving Method", may be used to produce curvature for the plate girders on this project with the following procedures:
    - The edges of both top and bottom flanges shall be heated simultaneously to a heat not exceeding 1000°F.
    - Members curved by heat shrinking after they are assembled shall not have the intermediate stiffeners and connection plates welded to the compression flange until the curving process has been completed and the desired curvature attained.
    - For members positioned horizontally, the application of heat for curving shall be for a length of the member. For members positioned vertically, the application of heat for curving shall be for a length of the member centers along the member.

**FAIR HAVEN - RUTLAND  
BHF MEMB(2)  
SHEET 14 OF 45  
BRIDGE 3 E & W  
FOR REFERENCE ONLY**

VERMONT  
STATE HIGHWAY DEPARTMENT  
TOWN OF FAIR HAVEN  
U.S. ROUTE 4

U.S. ROUTE 4 RELOCATED OVER  
CASTLETON RIVER  
**SUPERSTRUCTURE DETAILS**

McFARLAND-JOHNSON  
CONSULTING ENGINEERS  
BINGHAMTON, NEW YORK

DESIGNED RJC CHECKED REC DATE 11-2-67  
DRAWN RMG IN CHARGE HGC SCALE As Shown  
PROJECT NO F020-1(4) SH 139 OF 532  
174 235

CONTRACT NO. (8) BR 308