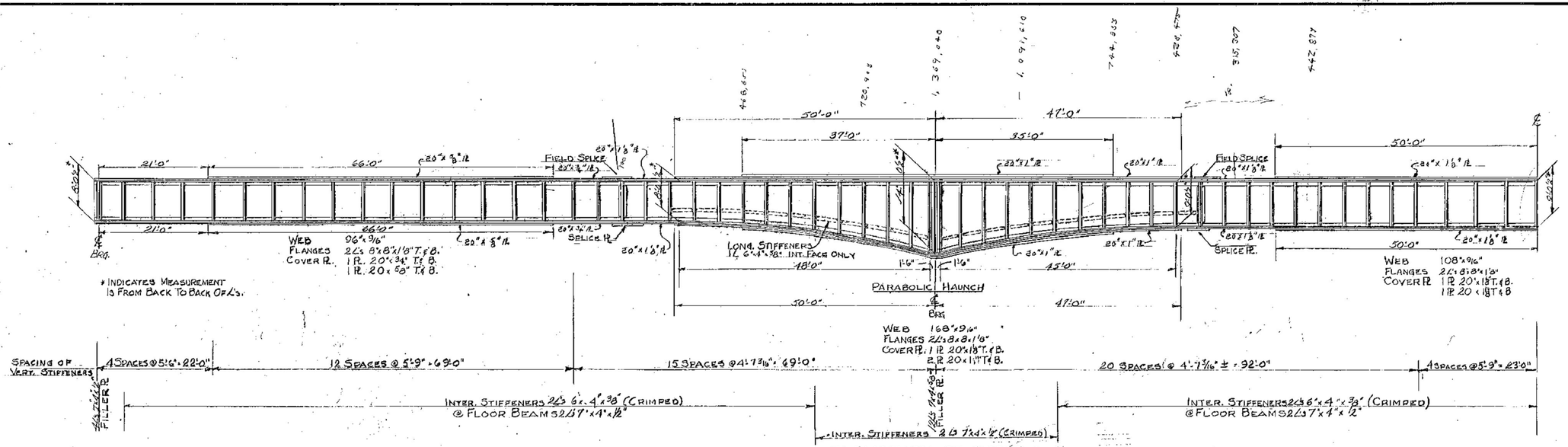
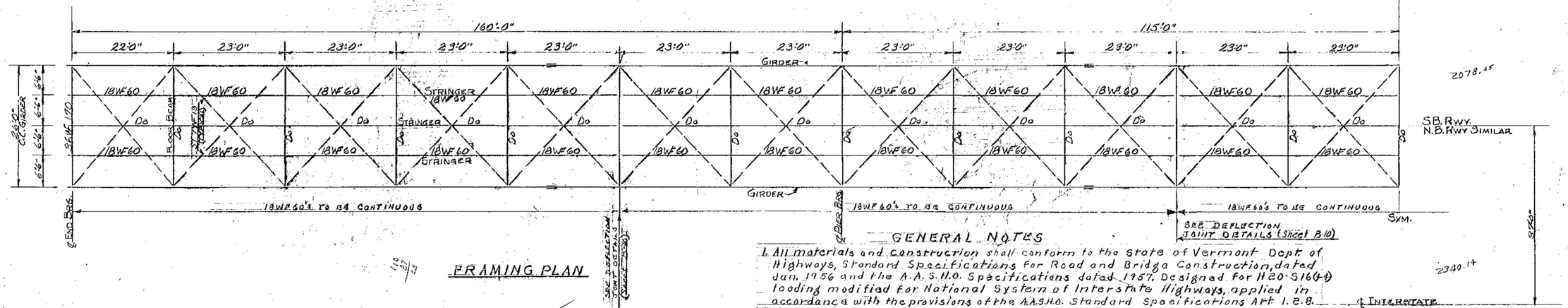


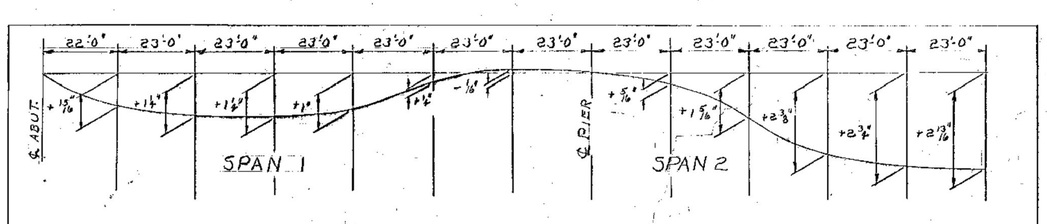
ELEVATION OF GIRDER
(EXTERIOR VIEW)



FRAMING PLAN

GENERAL NOTES

1. All materials and construction shall conform to the State of Vermont Dept of Highways, Standard Specifications for Road and Bridge Construction, dated Jan. 1956 and the A.A.S.H.O. Specifications dated 1957. Designed for H20-S16(44) loading modified for National System of Interstate Highways, applied in accordance with the provisions of the AASHO. Standard Specifications Art. 1.2.8.
2. All rivets through the main girder parts shall be 1"ϕ. All other rivets shall be 7/8"ϕ. Open holes shall be 1 1/16"ϕ for 1"ϕ rivets and 15/16"ϕ for 7/8"ϕ rivets.
3. High Strength Bolts of the same nominal size may be used instead of rivets for all field connections.
4. Full size drift pins and erection bolts shall be used for fitting up all connections during erection.
5. The main girders shall be cambered for the dead load deflection and the vertical curve of the roadway.
6. Bearing stiffeners at the ends of the girders and at the center of the piers shall be vertical. All other stiffeners shall be perpendicular to the girder top flange.



DEAD LOAD DEFLECTION DIAGRAM
SCALE
HOR. 1" = 20' VERT. 1" = 2"

RICHMOND
IM BPNT (6)
SHEET 8 OF 10
BRIDGE 58

FOR REFERENCE ONLY

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF RICHMOND-WILLISTON
ROUTE NO. I-89 LOG STA.
FRAMING PLAN & GIRDER DETAILS

SCALE 1" = 10'
SURVEYED BY
DRAWN BY EAB CHECKED BY WMG
PROJECT NO. I-89-2 (9)
SHEET 11 OF 118 Cont #1