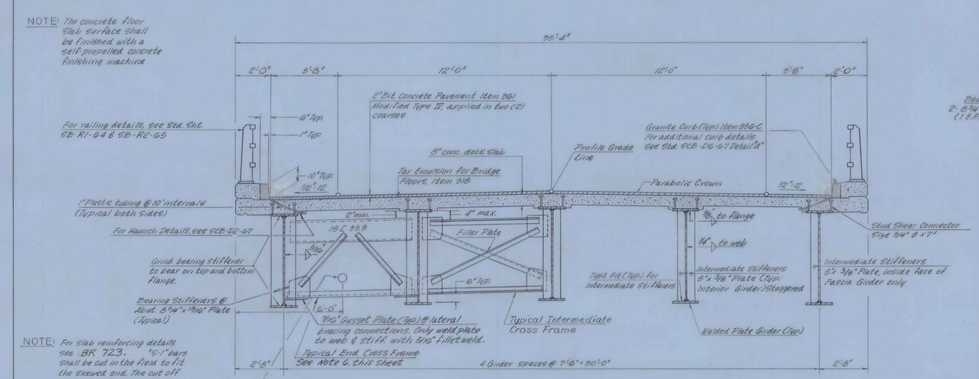
NOTE: The concrete floor slab surface shall be finished with a self-propelled concrete finishing machine

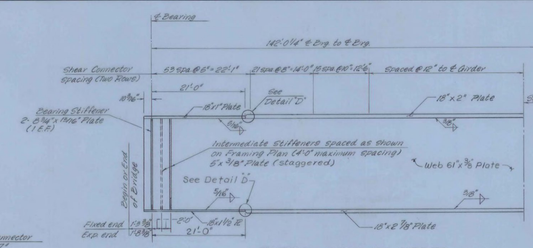


TYPICAL SECTION

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

NOTE: For slab reinforcing details see BR 723. 5/8" ø bars shall be cut in the field to fit the skewed end. The cut off bars shall be used at the opposite end.

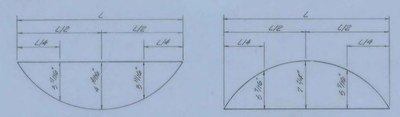
Future Installation
6" Cast Iron Water Pipe or
4" Cast Iron Sewer Pipe.
For Details see B.R. 701.



TYPICAL INTERIOR GIRDER

No Scale

Note: Fascia girders are identical to interior girders except for the intermediate stiffeners, which shall be placed on the inside face only at the fascia girders.



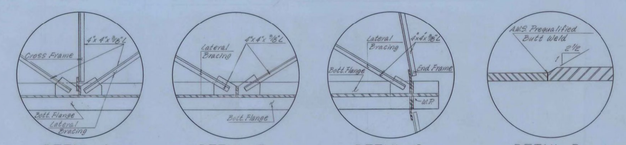
DEFLECTION DIAGRAM

CAMBER DIAGRAM

INTERIOR GIRDER (TYPICAL)

No Scale

NOTE: LIVE LOAD DEFLECTION = 1/4"



DETAIL A

DETAIL B

DETAIL C

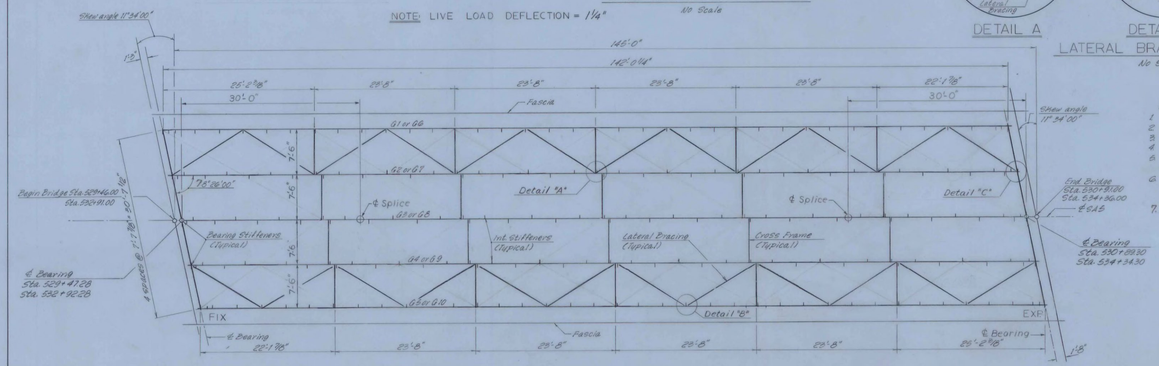
DETAIL D

LATERAL BRACING DETAILS

No Scale

GIRDER WELD DETAIL

No Scale



FRAMING PLAN TYPICAL

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

NOTES:

1. For General Notes, see BR 701.
2. For Joint Detail at Abutments, see BR 708. For Bearing Device details, see BR 707.
3. For Stud Shear Connector details, see BR 707.
4. For Beam Haunch Details see SCB-D2-67.
5. All studs are to be 3/4" Ø x 7" welded studs. If 7/8" Ø studs are used, increase the spacing shown for 3/4" Ø studs by 60%.
6. All gusset and connection plates shall be 3/16" plates. Gusset plates shall be welded to stiffeners with 5/16" fillet welds. All angles shall be 4" x 4" x 3/8" L's.
7. Connection plates shall be bolted to stiffeners.

Added Note No. 7 R.P.G. 3-25-69

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

SA 5 RELOCATED OVER
U.S. ROUTE 4 RELOCATED
SUPERSTRUCTURE DETAILS

McFARLAND - JOHNSON
CONSULTING ENGINEERS
BINGHAMTON, NEW YORK

DESIGNED ARP	CHECKED R.C.	DATE OCT. 1, 1967
DRAWN L.R.S.	IN CHARGE H.G.C.	SCALE AS NOTED

PROJECT NO. F020-1(4) SHEET OF 532

FAIRHAVEN-RUTLAND
BHF BPNT (10)
PROJECT BRIDGE #7E & 7W
SHEET 20 OF 28
FOR INFORMATION ONLY

CONTRACT NO. 1 BR 706