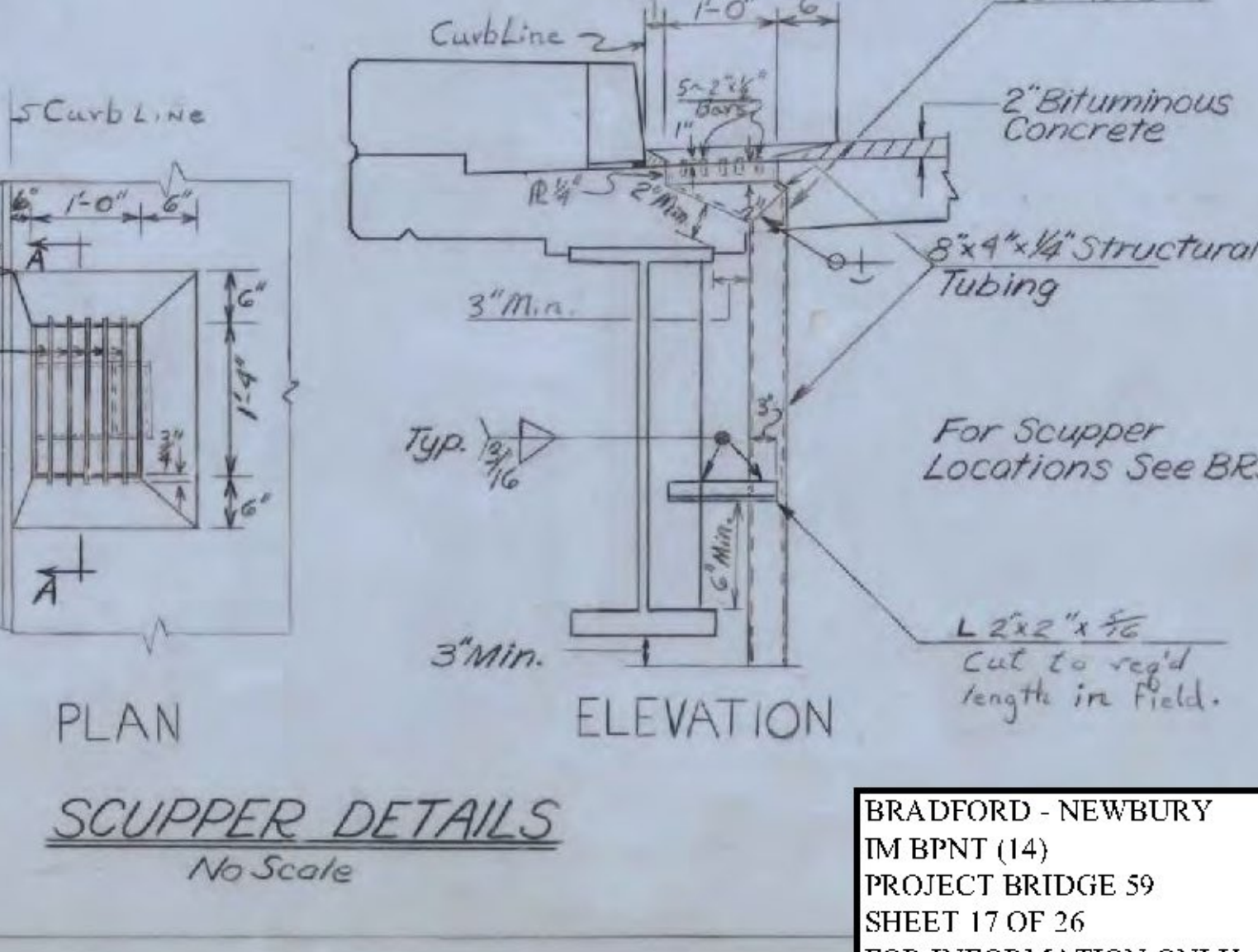
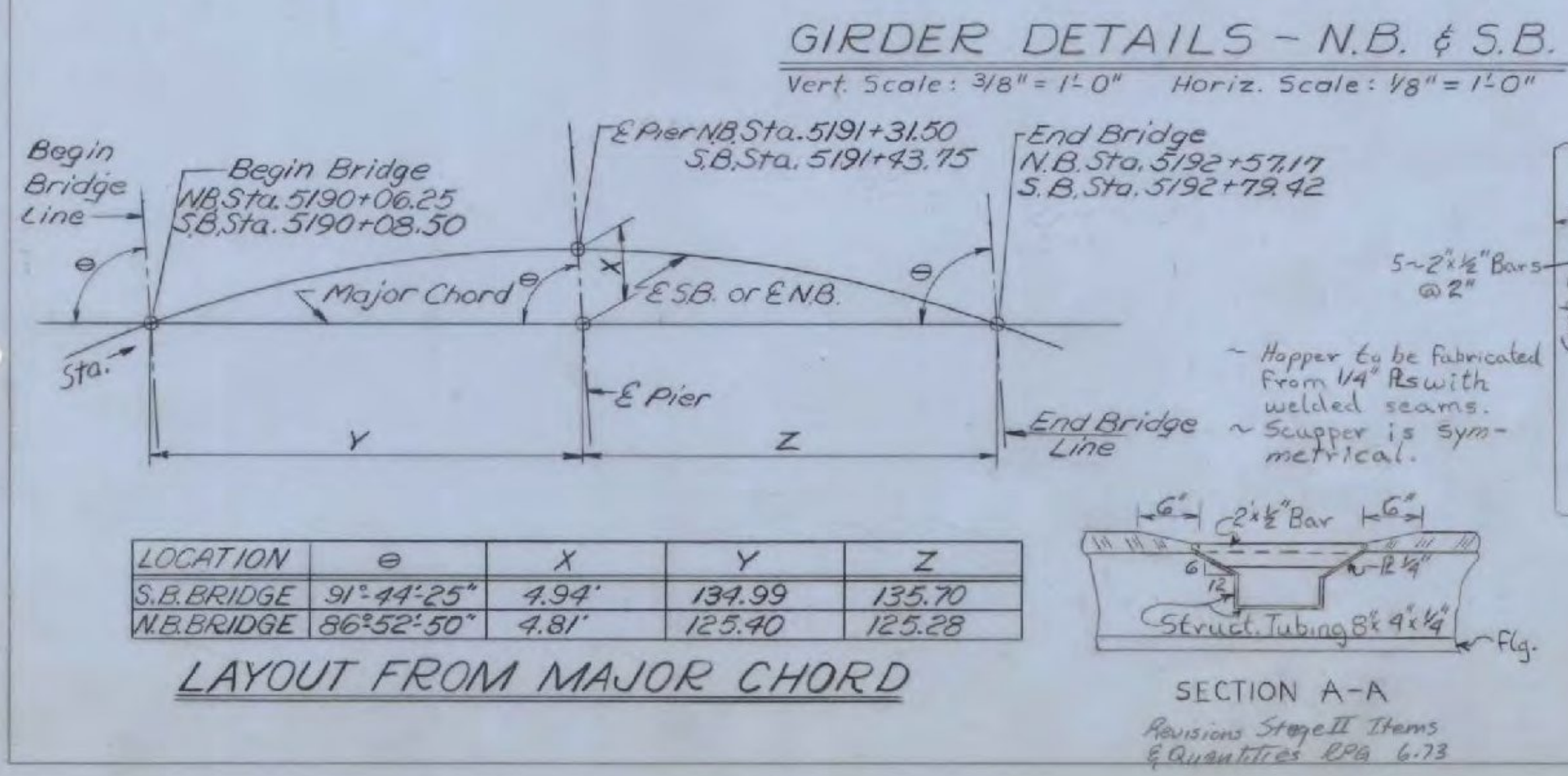
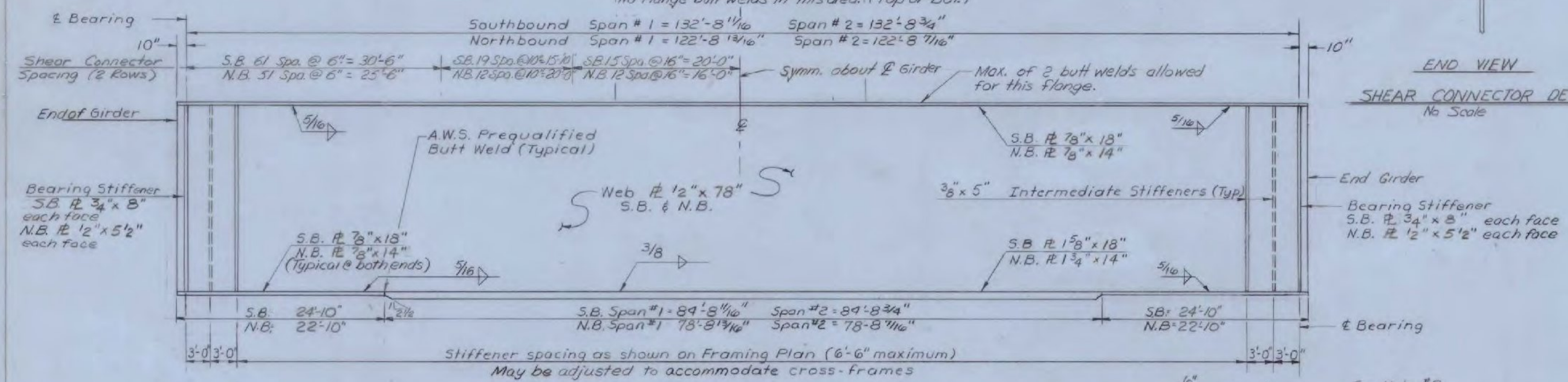


DEAD LOAD DEFLECTION TABLE

	1/4	1/2	3/4
S.B. Fascia	2 1/2"	3 3/8"	2 1/2"
S.B. Interior	2 1/16"	3 1/16"	2 3/16"
N.B. Fascia	2 3/8"	2 1/8"	2 3/8"
N.B. Interior	2 1/4"	2 1/16"	2 1/4"

~ SHOP CAMBER TABLE ~

	1/4	1/2	3/4
S.B. Fascia Span #1	3 1/16"	4 3/16"	3 1/16"
S.B. Interior Span #1	3 1/4"	4 3/8"	3 1/4"
S.B. Fascia Span #2	3 3/8"	4 3/8"	3 3/8"
S.B. Interior Span #2	3 1/4"	4 3/8"	3 1/4"
N.B. Fascia Span #1	2 3/4"	3 1/8"	2 3/4"
N.B. Interior Span #1	2 1/16"	3 1/16"	2 1/16"
N.B. Fascia Span #2	2 3/4"	3 1/8"	2 3/4"
N.B. Interior Span #2	2 1/16"	3 1/16"	2 1/16"



- NOTES:**
- For General Notes, see BR303.
 - For Joint Details, see BR303.
 - For Beam Haunch Details, see SCB-D2-71 C
 - CROSS-FRAME NOTES:** All gusset and connection plates shall be 7/16" plates.
 - All angles shall be 4"x4"x 3/8" angles. All shop connections for cross-frames shall be 5/16" fillet welds. All field connections shall be 7/8" φ high strength bolts.
 - Intermediate stiffeners to be placed on alternate sides of Interior Girders as shown on Framing Plan.
 - The shear connectors are designed to be 3/4" φ x 7" welding studs. If 1/2" φ are used increase the spacing shown for 3/4" φ studs by 50%.
 - Ends of girders and bearing stiffeners shall be vertical in erected position. Intermediate stiffeners shall be perpendicular to the flanges.
 - Apply epoxy bonding agent as approved by the Engineer prior to placing deck concrete. Cost of this work shall be incidental to Item 501.20.
 - The final coat of field paint shall be green.

Revised scupper details, rev. of FF. G. Rogers 12/8/69

Revisions

Rdwy Rev. to 39'4"
Safety Walk Rev to 2'-0"
Deck Steel added to TYPICAL SECTION
Rev. Cross Frame Connections on Details
Deck Thickness Rev. to 8"

R. ALDRICH
9/16/69

VERMONT
STATE HIGHWAY DEPARTMENT
TOWN OF BRADFORD
INTEGRATED ROUTE 91

INTERSTATE 91 OVER BR 59
WAITS RIVER

TYP SECTION & GIRDER DETAILS

MSFARLAND-JOHNSON
CONSULTING ENGINEERS
BINGHAMTON, NEW YORK

DESIGNED MA CHECKED RJC DATE 7-24-67
DRAWN S.M.C. IN CHARGE H.B.C. SCALE As Shown

PROJECT NO. I91-2(26) SH 387 OF 430.

BRADFORD - NEWBURY
IM BPNT (14)
PROJECT BRIDGE 59
SHEET 17 OF 26
FOR INFORMATION ONLY