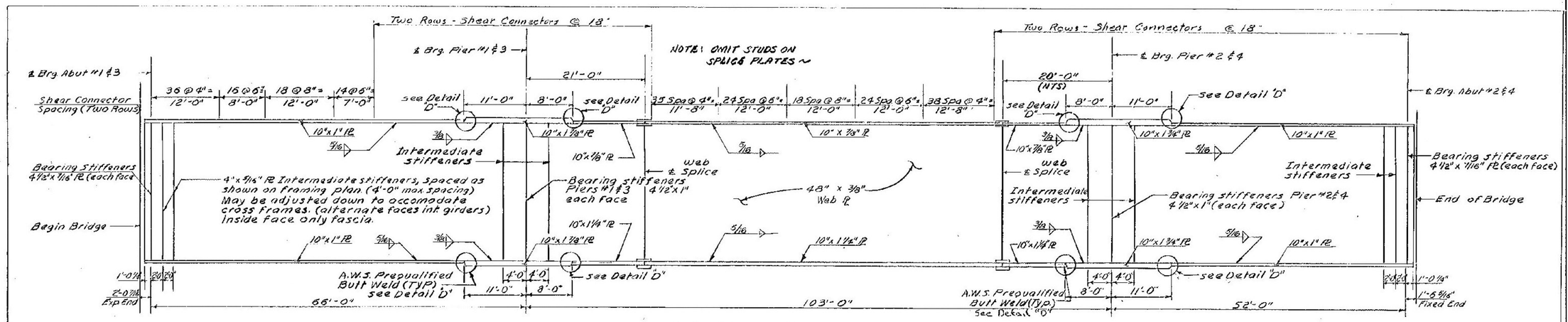
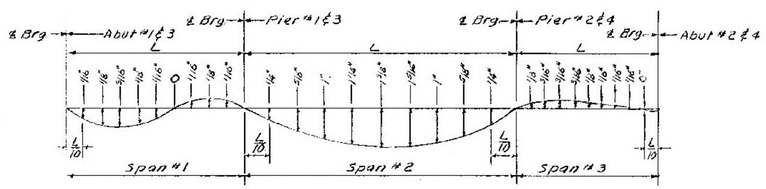


GIRDER DETAIL SOUTHBOUND & NORTHBOUND

Scale 1/8" = 1'-0" Horiz.
3/4" = 1'-0" Vert

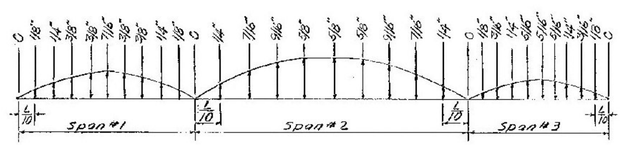


DEAD LOAD DEFLECTION DIAGRAM *

No Scale

* INCLUDES WT. OF STRUCTURAL STEEL, DECK AND SUPERIMPOSED DEAD LOAD ~

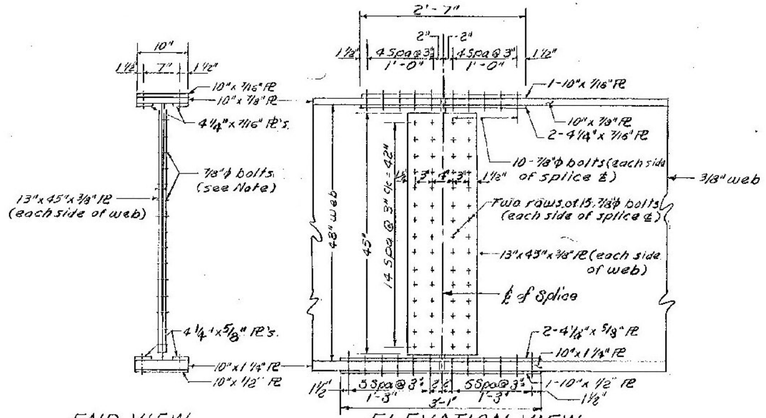
Max. LIVE LOAD DEFLECTION SPAN #1 = 3/8"
" 2 = 11/16"
" 3 = 7/16"



*CAMBER DIAGRAM

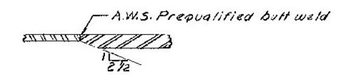
No Scale

* Showing desired end result after DEAD LOAD DEFLECTION



END VIEW

ELEVATION VIEW

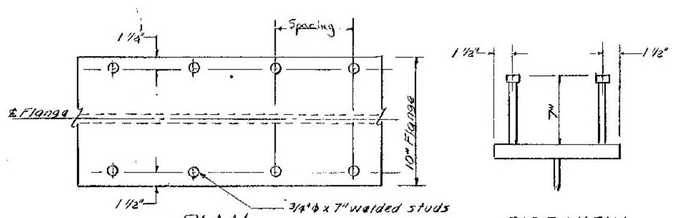


GIRDER WELD DETAIL "D"

No Scale

NOTES:

1. For general notes see BR 201
2. For bearing device details see BR 207
3. For beam haunch details see SCB-D2-G1 Det.C
4. The shear connectors are designed to be 3/4"x 7" welded studs. If 7/8"ϕ studs are used increase the spacing shown for 3/4"ϕ studs by 50%.
5. ENDS OF GIRDERS AND BEARING STIFFENERS SHALL BE VERTICAL AFTER DEAD LOAD IS IN PLACE; INTERMEDIATE STIFFENERS SHALL BE PERPENDICULAR TO THE FLANGES ~



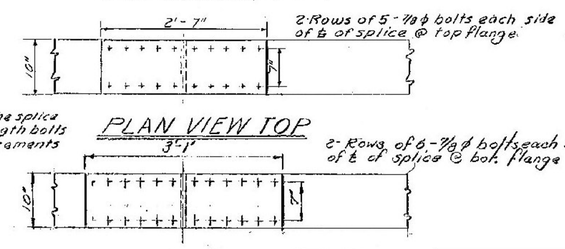
PLAN

SIDE VIEW

SHEAR CONNECTORS

No Scale

NOTE: The bolts used in the splice are to be high strength bolts meeting the requirements of A.S.T.M. A-325



PLAN VIEW TOP

PLAN VIEW BOTTOM

SPLICE DETAILS

Scale 1" = 1'-0"

Added Shear Connectors @ 18" in neg. mom. areas. ~ WHD-VAR- 12/67 ~

BRADFORD - NEWBURY
IM BPNT (14)
PROJECT BRIDGE 58
SHEET 16 OF 26
FOR INFORMATION ONLY

Revised Std. Dwg. Dates G. Rogers Aug. 1969

VERMONT
STATE HIGHWAY DEPARTMENT
TOWNS OF FAIRLEE - BRADFORD
INTERSTATE ROUTE 91

INTERSTATE 91 OVER
VERMONT ROUTE 25

GIRDER DETAILS

McFARLAND - JOHNSON
CONSULTING ENGINEERS
BINGHAMTON, NEW YORK

DESIGNED BRK CHECKED R.C. DATE 5-5-62
DRAWN AMCD. INCHARGE HGC SCALE AS NOTED
PROJECT NO. 191 2(10) SH 174 OF 868

BR 206