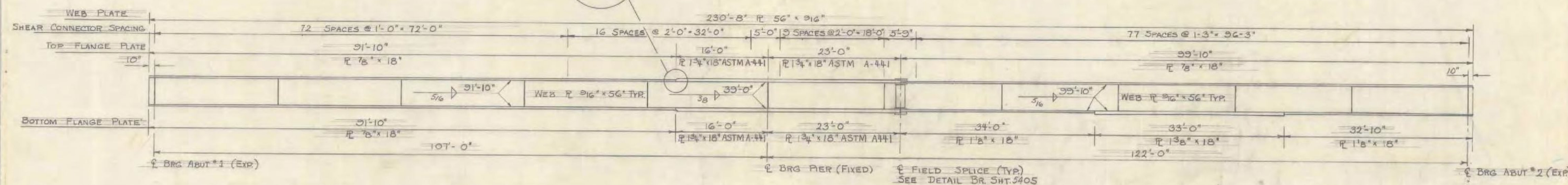
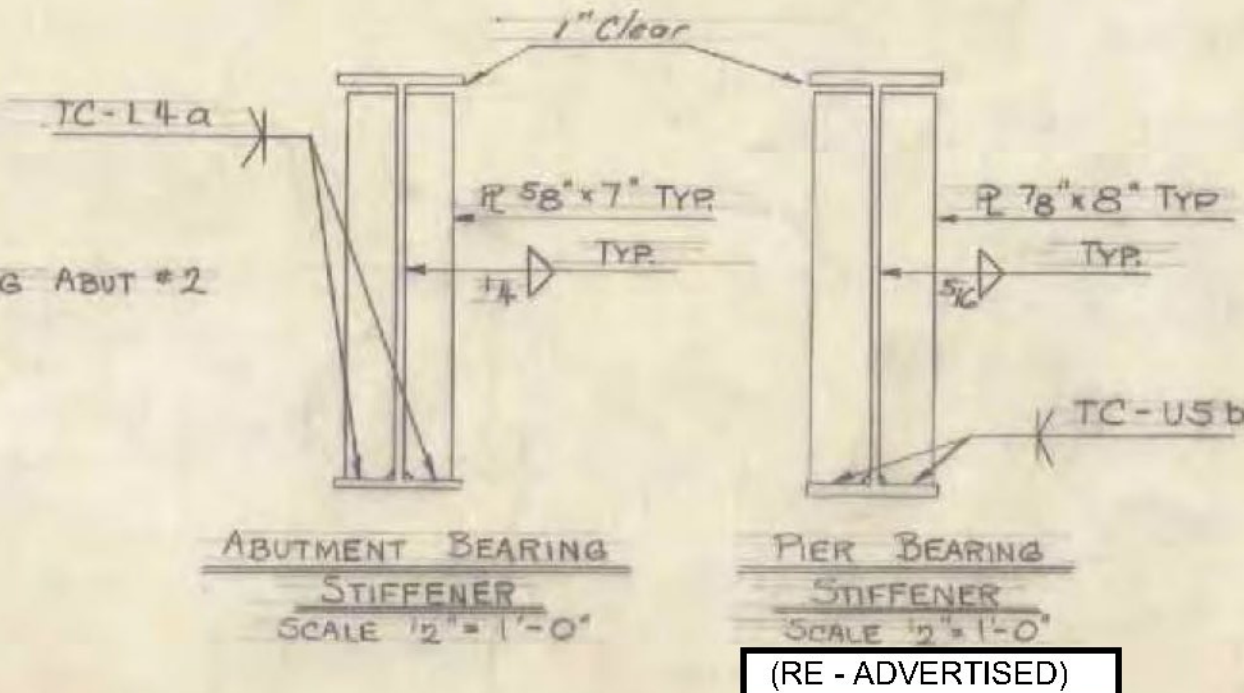
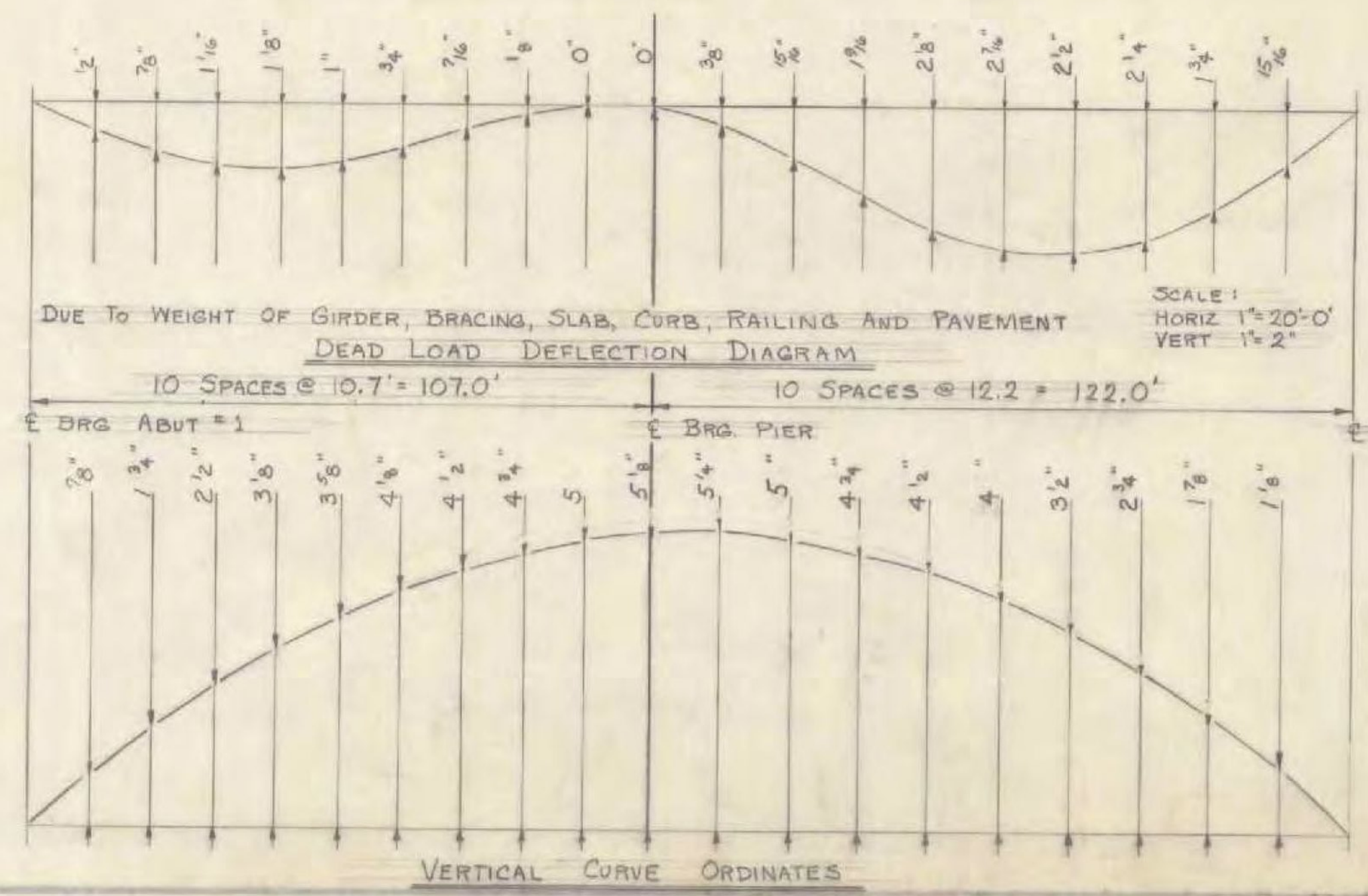


FRAMING PLAN
SCALE: 1/8" = 1'-0"



ELEVATION G2 (TYP)
SCALE: 1/8" = 1'-0"



ABUTMENT BEARING STIFFENER SCALE: 1/2" = 1'-0"
PIER BEARING STIFFENER SCALE: 1/2" = 1'-0"

NOTES:

- GIRDERS SHALL BE CAMBERED FOR VERTICAL CURVE PLUS ANTICIPATED DEAD LOAD DEFLECTION.
- ALL STRUCTURAL STEEL SHALL BE ASTM A36 UNLESS OTHERWISE NOTED ON THE PLANS.
- BEARING STIFFENERS SHALL BE VERTICAL IN THE ERECTED POSITION; INTERMEDIATE CROSS-FRAMES SHALL BE PERPENDICULAR TO THE FLANGES.
- ENDS OF GIRDERS SHALL BE CUT TO BE VERTICAL IN THE ERECTED POSITION.
- Intermediate cross-frame connection plates shall have 1 inch clear of the tension flange, as shown for the pier stiffeners, and shall be welded all around with a 1/4 inch fillet weld. The tension flange is the top flange for each plate adjacent to the pier and is the bottom flange for the rest of the plates.
- All Structural Steel shall be cleaned prior to shop painting using any method specified in Section 513.03, Surface Preparation.
- If Fleming type brackets are used to support bridge deck overhang, their maximum spacing shall be 4'-0".
- ROCKERS OF EXPANSION BEARING DEVICES SHALL BE SET TO BE VERTICAL AT 45°F. THE ROCKERS SHALL BE TILTED TOWARD THE BACKWALL 1/8" FOR EVERY 15° CHANGE IN TEMPERATURE ABOVE 45°F AND TILTED AWAY FROM THE BACKWALL 1/8" FOR EVERY 15° CHANGE IN TEMPERATURE BELOW 45°F.
- CONTACT SURFACES OF ROCKERS SHALL BE GIVEN A SHOP COAT OF WHITE LEAD AND TALLOW. THE REMAINDER OF THE BEARING SHALL BE PAINTED IN ACCORDANCE WITH SECTIONS 506 & 513.
- ANCHOR BOLTS SHALL BE 1 1/2" Ø x 1'-8" LONG SWEDGE BOLTS W/ HEX NUT + 3/8" WASHER. THE SWEDGE BOLTS SHALL BE THREADED 3/4" AND HAVE A PROJECTION OF 1/4" ABOVE BRIDGE SEAT ELEVATIONS.
- BOLT HEADS TO BE PLACED ON EXTERIOR SIDE OF FASCIA BEAMS AT ALL SPICE POINTS.

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF BENNINGTON	Bridge No. 54
HIGHWAY NO. ART. U.S. 7	Log Sta. 536+50 ±
TH 14 (HOUGHTON LANE) OVER ART. U.S. 7	
FRAMING PLAN	
Designed by E. WAIBEL	Drawn by LADD
Drawn Ck'd By E. WAIBEL	Bridge Design Supervisor
Design Ck'd By LADD 2-71	J. WOOD date 4-71
PROJECT BENNINGTON	PROJECT NO. DP-BFO19-112
Bridge Sheet No. 5404	Sheet 193 of 480

(RE-ADVERTISED)
BENNINGTON - MT TABOR
BF BPNT (16)
PROJECT BRIDGE 15D
SHEET 14 OF 23
FOR INFORMATION ONLY