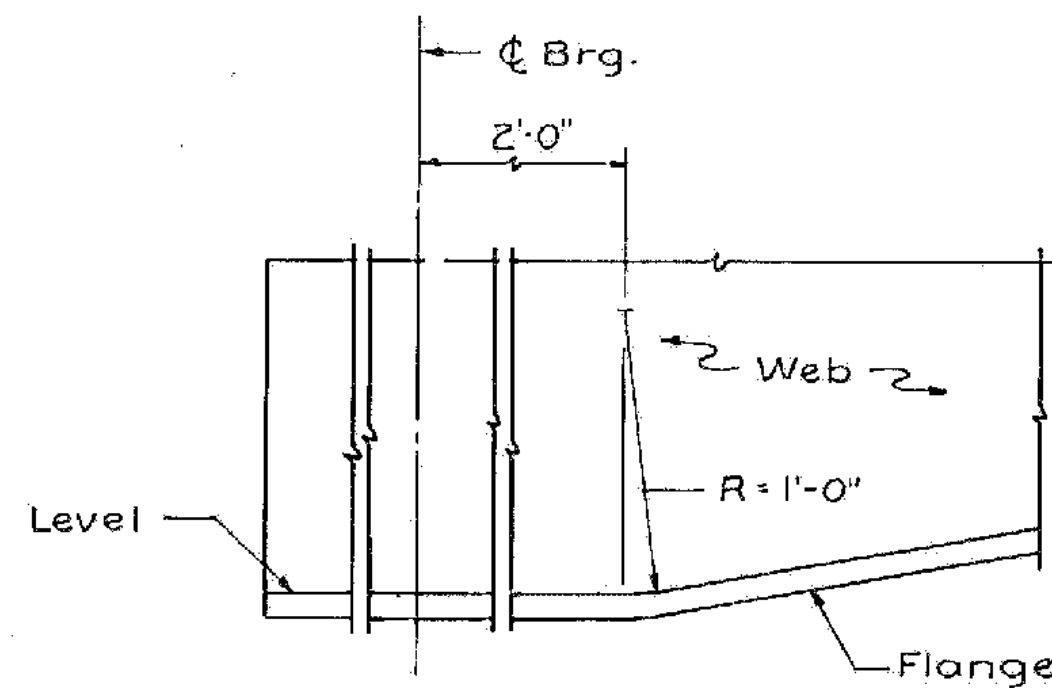
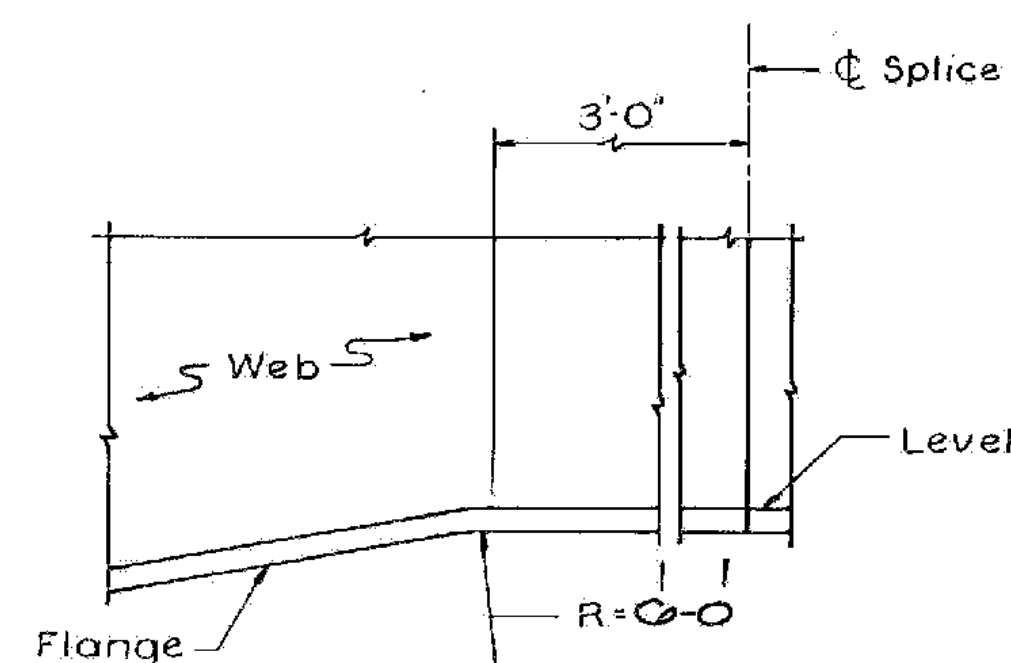


**STRUCTURAL STEEL NOTES:**

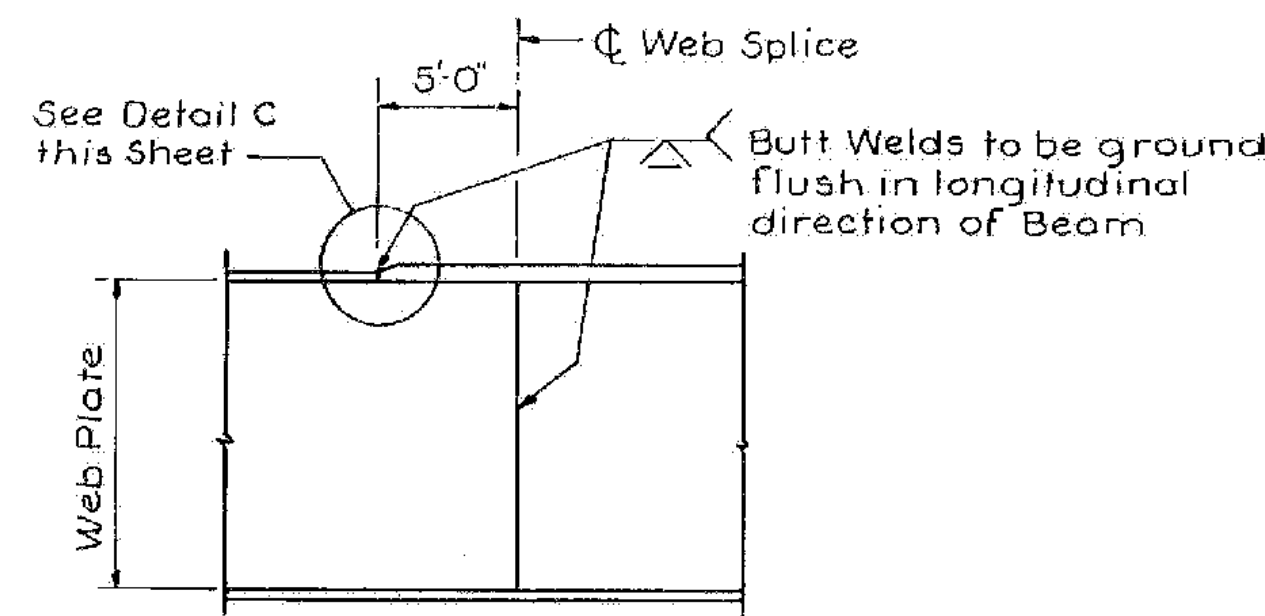
1. All Structural Steel to be ASTM A588 (unpainted), Except as Noted in Note 15 (Below).
2. All Field Connections shall be made with 5/8" High Strength Bolts ASTM A325 Type III.
3. All Holes for 5/8" Bolts to be 1 1/8".
4. Preparation and Assembly of Material for Welding shall conform to the A.W.S. Structural Welding Code AWS D1.1-80 as Amended by the 1981 AASHTO Standard Specifications for Welding of Structural Steel Highway Bridges.
5. Any Welded Joint prequalified by the American Welding Society Specification for Welded Highway and Railway Bridges will be acceptable in the Fabrication of the Structural Steel.
6. Ends of Beams shall be Fabricated so that under Full Dead Load the End will be Plumb.
7. All Longitudinal Dimensions shown, are Horizontal (at 60°F).
8. Main Load Carrying Members: Longitudinal Plate Girders.
9. All Diaphragms shall be Sloped Parallel to Deck Slab.
10. The Charpy V-Notch Toughness Requirements as Described in Section 714, of the Standard Specifications shall Apply to the Web and Tension Flanges of the Girders.
11. Erection. The Design as Detailed in the Contract Plans does not Consider any Erection Stresses. Contractor to Submit Erection Plans and Stress Calculations for his Proposed Method for Approval by the Engineer.
12. All Bearing Stiffeners are Vertical and all Intermediate Stiffeners are Normal to Top Flanges.
13. For Girder Elevation, see Sheet SS58.
14. Finish Grade Elevations Given at Top of Bituminous Concrete Pavement (Along Grade Line)
15. Girders Shall be Painted as Follows:
  - o Fascia Girders, Full Exposed Length. (Fascia Side of the Web and Flanges Including Bottom Face of the Bottom Flange).
  - o All Girders Including Stiffeners and Crossframes, ten (10) Feet From the Expansion Joints Only.
16. Cost of Painting of the Structural Steel to be Included in Item 506.91, Structural Steel.
17. Drip plates shall be used at the High Side of all Piers on the outside of Fascia Girders and at the low side of expansion Piers on all interior Girders and the inside of all Fascia Girders.



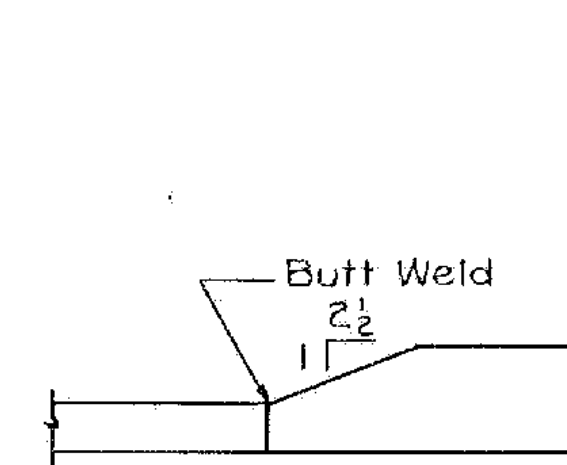
**DETAIL A**  
Scale: 1 1/2"=1'-0"



**DETAIL B**  
Scale: 1 1/2"=1'-0"



**TYPICAL SHOP WEB SPLICE**  
No Scale



**DETAIL C**  
No Scale

ALBURGH-ROUSES POINT  
BHF MEMB(24)  
SHEET 27 OF 50  
FOR REFERENCE ONLY

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

TOWN OF ROUSES POINT N.Y. -ALBURGH VT.	Bridge No. 1
HIGHWAY NO. ROUTE 2	Log Sta. 0+00
	Surv. Sta.
FRAMING PLAN - UNIT 2 (STEEL ALTERNATE)	
Designed by S.M.	Drawn by R.D.F.
Checked by K.A.C. date 9-25-84	Bridge Design Supervisor C.J.M./S.M. date 10-31-84
PROJECT ROUSES POINT BRIDGE REPLACEMENT	PROJECT NO. BRF028-1 (II)
Bridge Sheet No. 5557	Sheet of

**HNTB**  
HOWARD NEEDLES TAMMEN & BERGENDOFF