



- NOTES**
1. For General Notes see BE 301.
 2. For Joint Details, see BE 310.
 3. For Beam Haunch Details, see SCB-D2-67.
 4. All studs are to be 3/4" x 7" welded studs. If 7/8" studs are used, increase the spacing shown for 3/4" studs by 50%.
 5. **CROSS-FRAME NOTES:** All gusset and connection plates shall be 7/16" plates. Gusset plates shall be welded to stiffeners with a 3/16" fillet weld. All angles shall be 2x4x3/8 angle.
 6. All shop connections for cross-frames shall be 3/16" fillet welds. All field connections shall be 7/8" high strength bolts.
 7. Connection plates shall be bolted to stiffeners.

**FAIR HAVEN - RUTLAND
BHF MEMB(2)
SHEET 13 OF 45
BRIDGE 3 E & W
FOR REFERENCE ONLY**

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

U.S. ROUTE 4 RELOCATED OVER
CASTLETON RIVER
SUPERSTRUCTURE DETAILS

M^cFARLAND-JOHNSON
CONSULTING ENGINEERS
BINGHAMTON, NEW YORK

DESIGNED *RFC* CHECKED *REC* DATE 11-2-67
DRAWN *EMG* IN CHARGE *HGC* SCALE As Noted

PROJECT NO. F020-1(4) SH 13B OF 632
CONTRACT NO. (8) BR 307

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