



NOTES:
 Use A36-G2T steel for splice plates.
 Use A-325-7/8" high strength shop # field bolts.

SPlice STRESS TABLE						
Splice notation	Girder Resisting moment (ft-kips)	Actual Max Bending moment (ft-kips)	Actual Max. shear (kips)	Design moment (ft-kips)	Design shear (kips)	Max. bolt stress in web (Kips/bolt)
FS-1	9500	4500	313	7130	518	16.2
FS-2	9800	5200	262	7500	677	13.2
FS-3	11,100	5300	310	8300	750	14.2
FS-3A	11,100	4800	468	8300	750	14.2

Note: Splices are designed as friction type connections.

STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS

TOWN OF HARTFORD
 ROUTE NO. I-91
 GIRDER DETAILS - NB&SB
 I-91 OVER WHITE RIVER
 SCALE 1/4" = 1'-0" and as shown

SURVEYED BY _____
 DRAWN BY NBT CHECKED BY RLM 11-5-69
 PROJECT NO. I-91-2 (3)
 SHEET 22 OF 60

WINDSOR - HARTFORD
 IM BPNT (13)
 PROJECT BRIDGE 44
 SHEET 34 OF 36
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