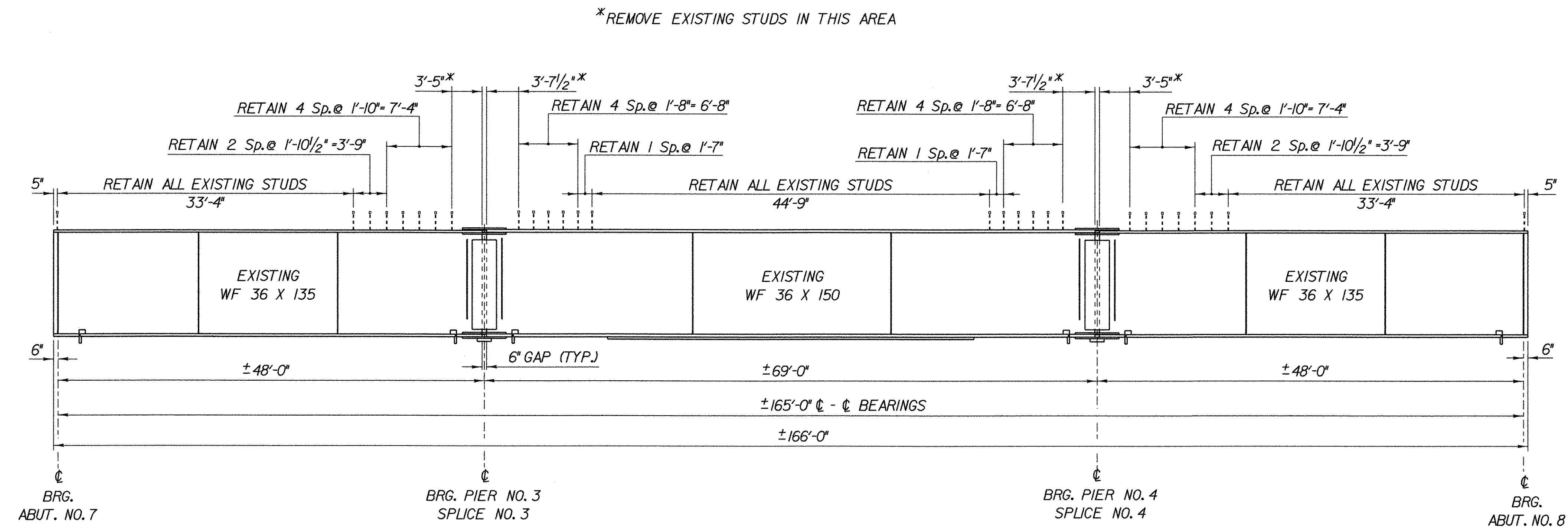




BRIDGE 88N TYPICAL BEAM ELEVATION & SHEAR STUD LAYOUT

HORZ. SCALE: $\frac{1}{8}" = 1'-0"$
VERT. SCALE: $\frac{1}{2}" = 1'-0"$

SPACINGS SHOWN FOR RETAINED SHEAR CONNECTORS ARE BASED ON SHOP DRAWINGS FOR EXISTING BEAMS. ACTUAL SPACINGS MAY VARY SLIGHTLY FROM THOSE SHOWN. COMPLETE ROW OF CONNECTORS SHALL BE RETAINED AT EACH SPACING.

THE EXISTING CONNECTORS BETWEEN THE RETAINED STUDS SHALL BE REMOVED AND AREAS REPAIRED AS DESCRIBED IN NOTE 14 ON SHEET 155 OF CONTRACT PLANS.

ALL RETAINED SHEAR CONNECTORS SHALL BE TESTED AS DESCRIBED IN SUBSECTION 508.04 (b) OF THE STANDARD SPECIFICATIONS. DEFECTIVE STUDS AND ANY THAT ARE DESIGNATED TO BE RETAINED AND ARE DAMAGED DURING THE DECK REMOVAL OPERATION SHALL BE REPLACED IN KIND.

STATE OF VERMONT AGENCY OF TRANSPORTATION			
Town Of FAIRFAX-FAIRFIELD-ST. ALBANS		Bridge No.	88N
Highway No. 1-89		Log Sta.	
1-89 OVER ST. ALBANS SOUTH STATE HIGHWAY (EXIT 19)		Surv. Sta.	
88N SHEAR CONNECTOR LAYOUT			
Designed By M. LOZIER		Drawn By R.R. WHITCOMB	
Checked By G. ROY	Date 3/02	Bridge Design Supervisor R.R. WHITCOMB	
PROJECT FAIRFAX-FAIRFIELD-ST. ALBANS		PROJECT NO. 1M 089 - 3 (27)	
I.G.C. Info. 960056Structures\sa056fr3.dgn		Date 3/02	
Bridge Sheet No. BR415 A		Sheet 454 of 454	