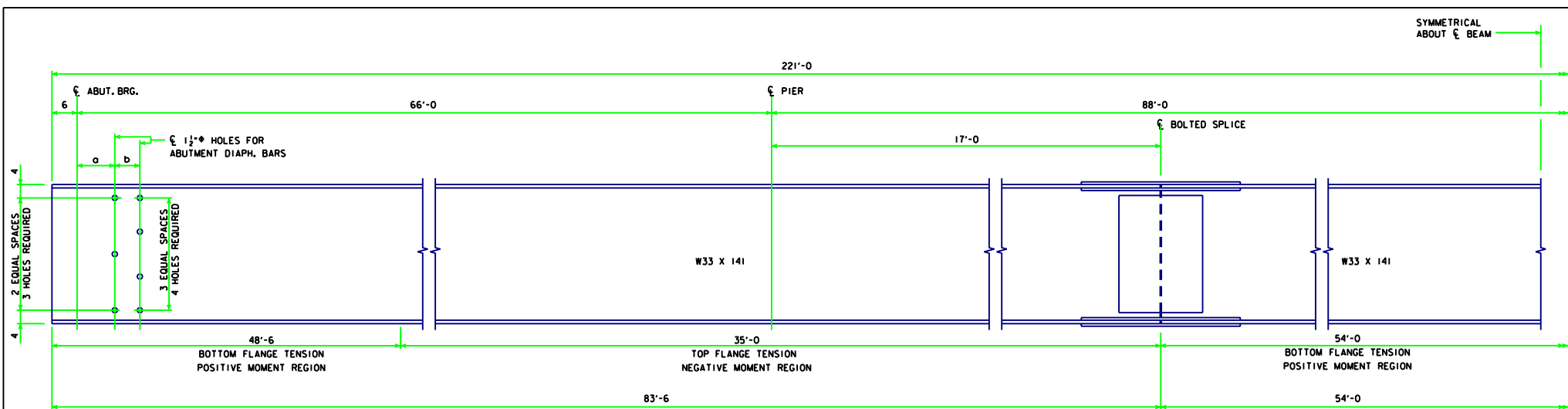
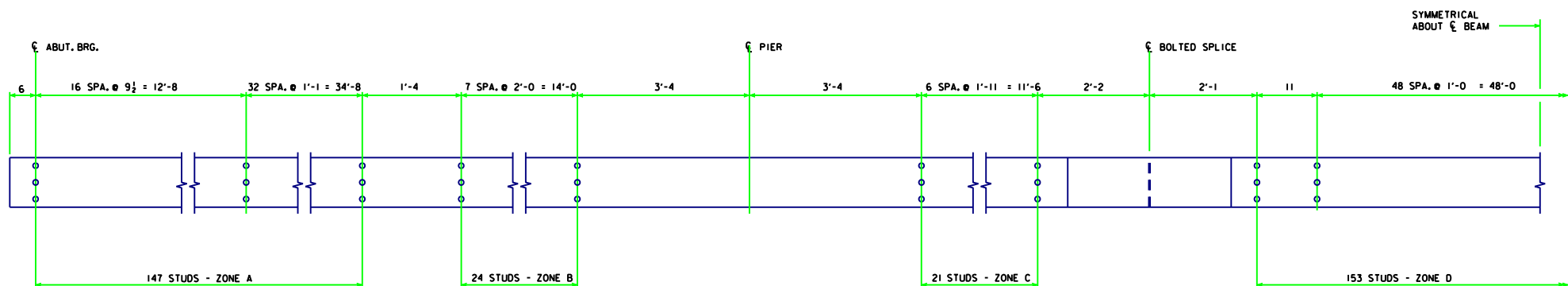


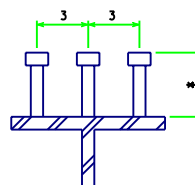


BEAM ELEVATION



SHEAR STUD SPACING

* NOTE: STUD HEIGHTS ($3\frac{1}{2}"$ OR $5"$) FOR THE LOCATIONS SHOWN SHALL BE DETERMINED BY THE DESIGNER. ON "MISCELLANEOUS DETAILS 220'-0" BRIDGE" SHEET, STUD HEIGHTS CAN BE IDENTIFIED BY THE DESIGNER IN A TABLE CORRESPONDING TO THE ZONES LISTED ON THIS SHEET.



3 STUDS PER ROW
SHEAR STUD DETAILS
NOTE: ALL STUDS TO BE $\frac{1}{2}"$ Ø

SKEW	a (IN)	b (N)
0°	9	6
10°	9 $\frac{1}{4}$	6 $\frac{1}{4}$
20°	9 $\frac{1}{2}$	6 $\frac{1}{2}$
30°	10 $\frac{1}{4}$	6 $\frac{3}{4}$

LATEST REVISION DATE 07-06 APPROVED BY BRIDGE ENGINEER <i>Norman L. McDaniel</i>		
	STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES ROLLED STEEL BEAM BRIDGES FEBRUARY, 2004	
	BEAM PLAN AND ELEVATION 220'-0" BRIDGE	RS40-57-04