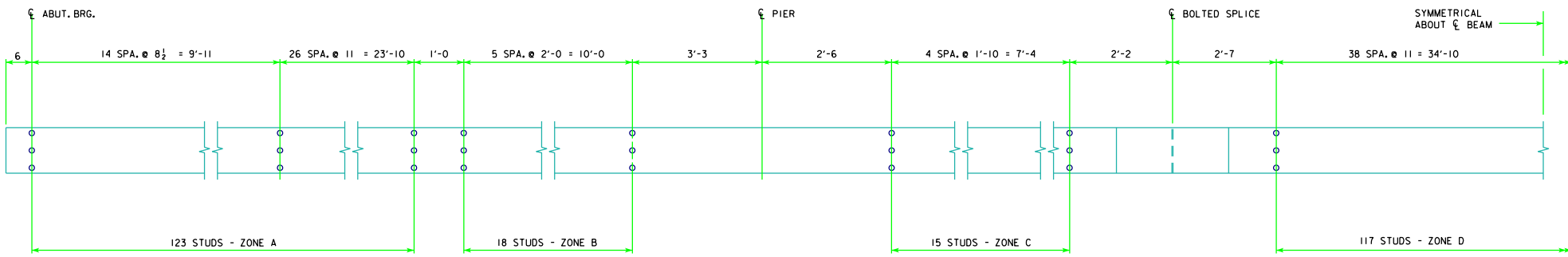
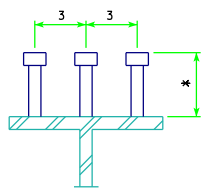


BEAM ELEVATION



SHEAR STUD SPACING

* NOTE: STUD HEIGHTS (3 1/2" OR 5") FOR THE LOCATIONS SHOWN SHALL BE DETERMINED BY THE DESIGNER. ON "MISCELLANEOUS DETAILS 160'-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 3/4"Ø

SKEW	a (IN)	b (IN)
0°	9	6
10°	9 1/8	6 1/8
20°	9 3/8	6 3/8
30°	10 3/8	6 3/8
45°	12 3/8	8 1/2

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES ROLLED STEEL BEAM BRIDGES JUNE, 2010	
		BEAM PLAN AND ELEVATION 160'-0" BRIDGE	RS40-071-10