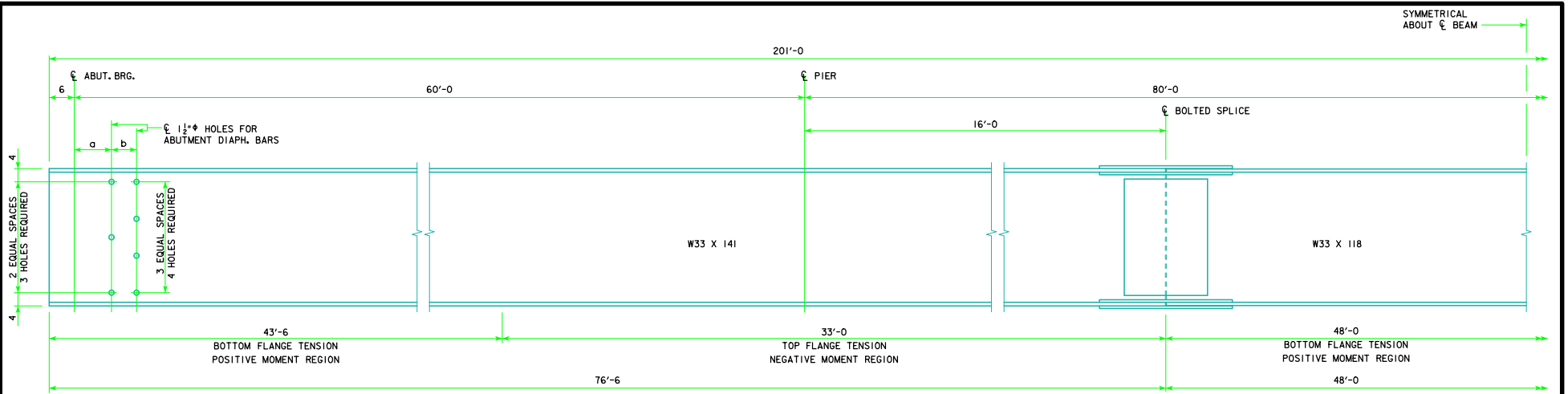
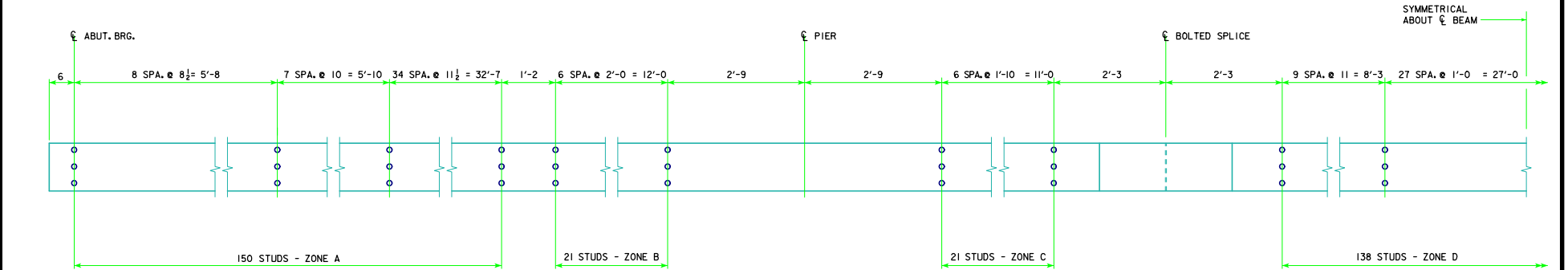


REVISED 02-14 - A STUD HEIGHT OF .4" WAS ADDED TO THE * NOTE.

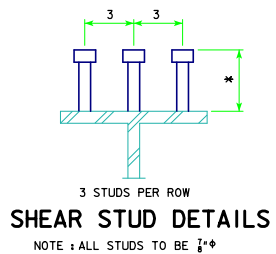


BEAM ELEVATION



SHEAR STUD SPACING

* NOTE: STUD HEIGHTS (3 1/2", 4" OR 5") FOR THE LOCATIONS SHOWN SHALL BE DETERMINED BY THE DESIGNER. ON "MISCELLANEOUS DETAILS 200'-0" BRIDGE" SHEET, STUD HEIGHTS CAN BE IDENTIFIED BY THE DESIGNER IN A TABLE CORRESPONDING TO THE ZONES LISTED ON THIS SHEET.



SKEW	a (IN)	b (IN)
0°	9	6
10°	9 1/4	6 1/8
20°	9 1/2	6 3/8
30°	10 3/8	6 1/2
45°	12 1/4	8 1/2

LATEST REVISION DATE
02-14

APPROVED BY BRIDGE ENGINEER
Norman E. Mc Donald

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES

ROLLED STEEL BEAM BRIDGES

JUNE, 2010

BEAM PLAN AND ELEVATION
200'-0" BRIDGE

RS40-073-10