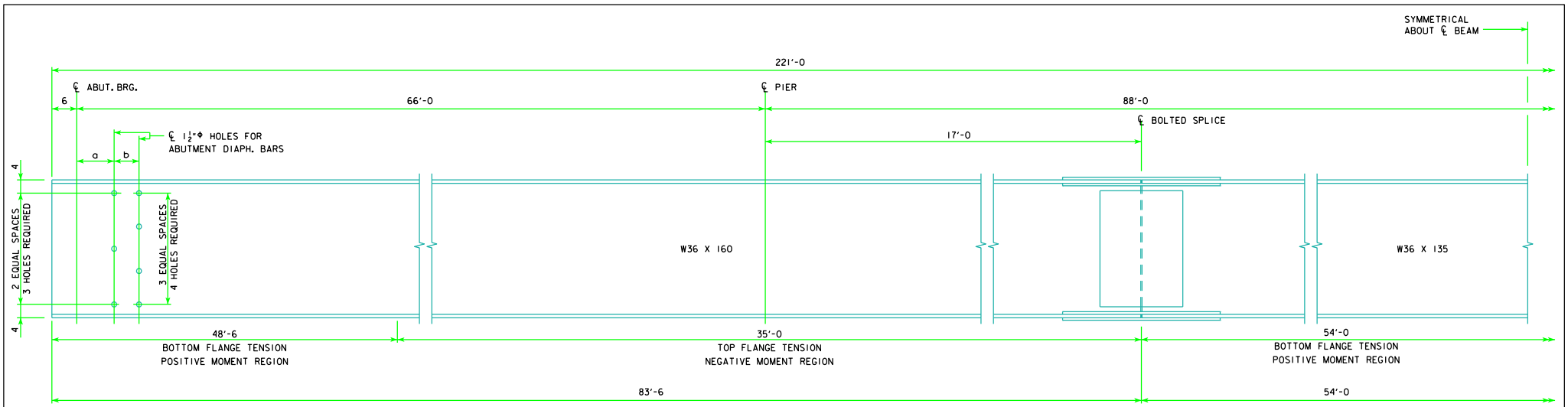
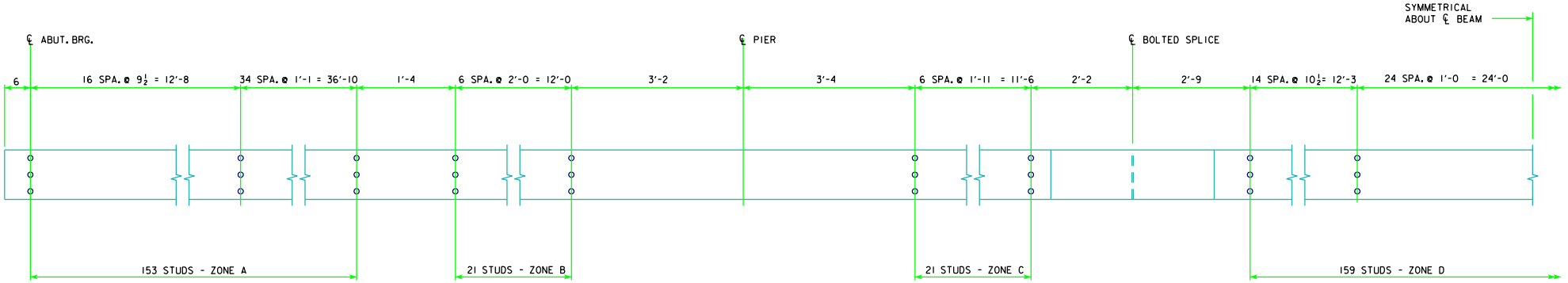
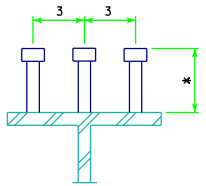


BEAM ELEVATION



SHEAR STUD SPACING

* NOTE: STUD HEIGHTS (3½" 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 ⅞"Φ

SKEW	a (IN)	b (IN)
0°	9	6
10°	9⅛	6⅛
20°	9⅝	6⅜
30°	10⅜	6⅞
45°	12¾	8½

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES

ROLLED STEEL BEAM BRIDGES

JUNE, 2010

BEAM PLAN AND ELEVATION 220'-0 BRIDGE

RS40-074-10