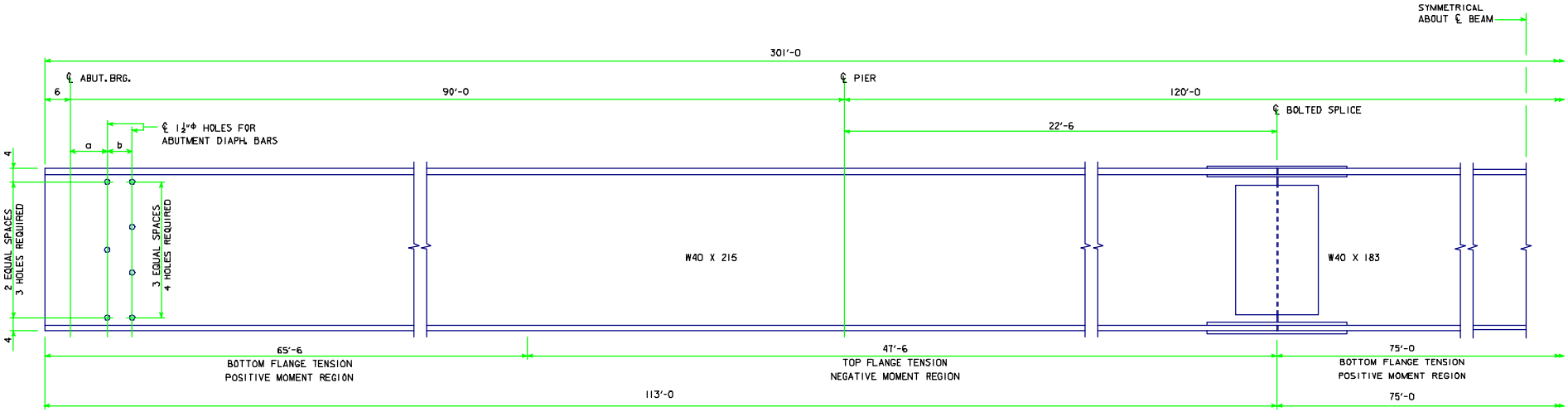
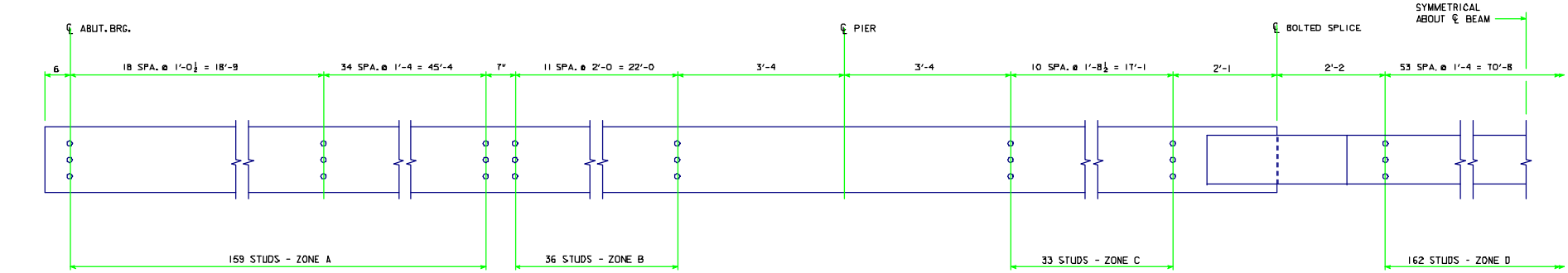
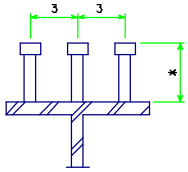



## BEAM ELEVATION




## SHEAR STUD SPACING

* NOTE: STUD HEIGHTS (3½" OR 5") FOR THE LOCATIONS SHOWN SHALL BE DETERMINED BY THE DESIGNER. ON "MISCELLANEOUS DETAILS 300'-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 |

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES

# ROLLED STEEL BEAM BRIDGES

FEBRUARY, 2004

BEAM PLAN AND ELEVATION
300'-0 BRIDGE

RS40-BM8-04