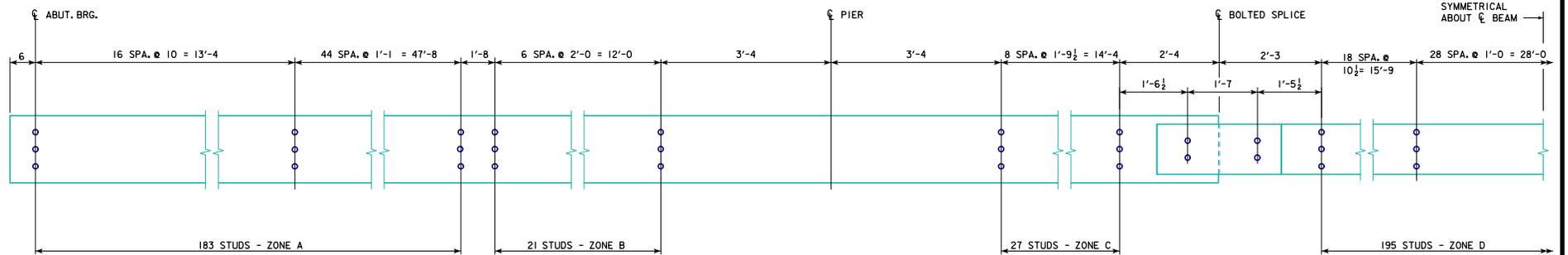
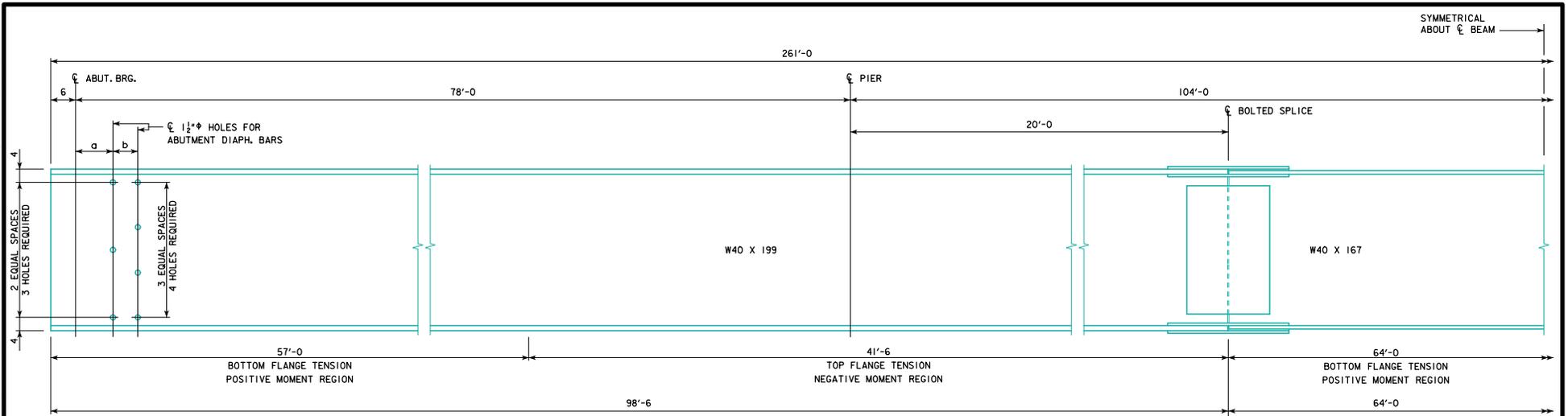
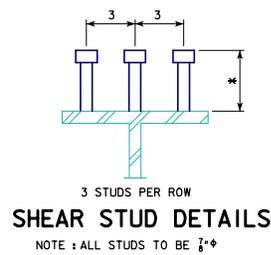
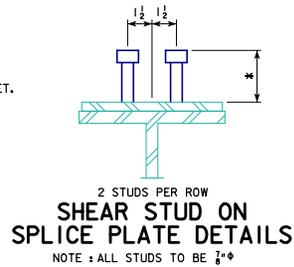


REVISED 02-14 - 4" STUD HEIGHT OF 4" WAS ADDED TO THE \* NOTE.  
 REVISED 10-2016 - ADDED 4 SHEAR STUDS AT "CENTERLINE OF BOLTED SPLICE" LOCATION BETWEEN "ZONE C & D". ADDED "SHEAR STUD ON SPLICE PLATE DETAILS" SHOWING 2 STUDS PER ROW.



\* NOTE: STUD HEIGHTS (3 1/2", 4" OR 5") FOR THE LOCATIONS SHOWN SHALL BE DETERMINED BY THE DESIGNER. ON "MISCELLANEOUS DETAILS 260'-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 1/2  | 6 1/2  |
| 20°  | 9 3/4  | 6 3/4  |
| 30°  | 10 1/4 | 6 1/2  |
| 45°  | 12 1/4 | 8 1/2  |

|                                 |   |  |   |
|---------------------------------|---|--|---|
| 10-2016<br>LATEST REVISION DATE | APPROVED BY BRIDGE ENGINEER<br><i>Thomas E. McQuinn</i> |  | STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES<br><b>ROLLED STEEL BEAM BRIDGES</b><br>JUNE, 2010 |
|                                 |   |  | <b>BEAM PLAN AND ELEVATION</b><br><b>260'-0 BRIDGE</b>  |