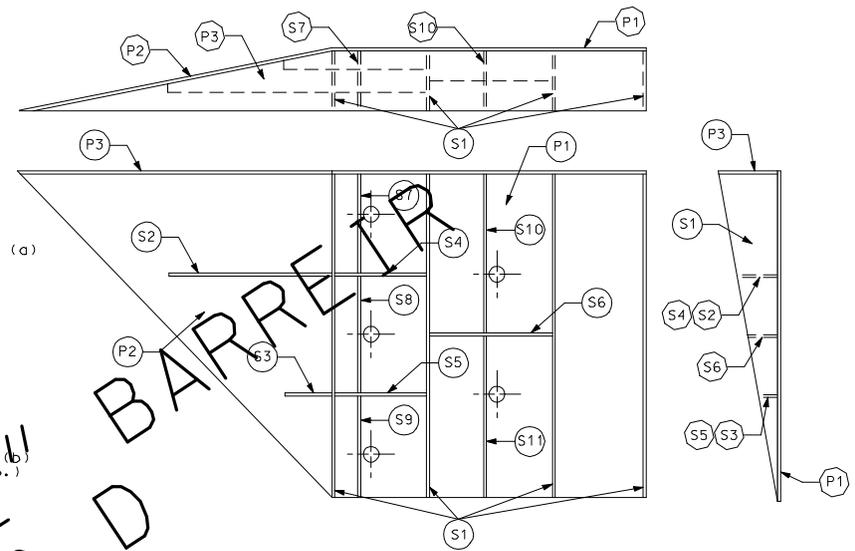


**WELDING INSTRUCTION**

- (a) Stiffeners located on the outside edges of the cover plates shall be welded as follows: single bevel groove weld on external sides and  $\frac{3}{16}$ " fillet weld by 1" long spaced at 2" on internal sides.
- (b) Stiffeners located on the inside of the cover plates shall be welded as follows:  $\frac{3}{16}$ " fillet weld by 1" long spaced at 2"



**PLATE AND STIFFENER IDENTIFICATION**

FOR USE WITH TYPE C & D BARRELS

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)				
PLATE	QTY.	SHAPE	SIZE (A x B x C x D)	THK.
P1	1	B	20" x 20"	$\frac{3}{16}$ "
P2	1	B	20" x 20" x 28 $\frac{3}{16}$ "	$\frac{3}{16}$ "
P3	1	B	40" x 3 $\frac{3}{8}$ " x 20" x 20 $\frac{5}{8}$ "	$\frac{3}{16}$ "
S1	4	B	19 $\frac{13}{16}$ " x 3 $\frac{3}{8}$ " x 20 $\frac{1}{16}$ "	$\frac{1}{4}$ "
S2	1	B	10 $\frac{1}{4}$ " x 2 $\frac{7}{16}$ " x 10 $\frac{3}{8}$ " x $\frac{1}{2}$ "	$\frac{1}{4}$ "
S3	1	B	3" x 1 $\frac{1}{16}$ " x 3 $\frac{1}{8}$ " x $\frac{1}{2}$ "	$\frac{1}{4}$ "
S4	1	B	6 $\frac{1}{8}$ " x 2 $\frac{7}{16}$ "	$\frac{1}{4}$ "
S5	1	B	6 $\frac{1}{8}$ " x 1 $\frac{1}{16}$ "	$\frac{1}{4}$ "
S6	1	B	7 $\frac{3}{4}$ " x 1 $\frac{1}{4}$ "	$\frac{1}{4}$ "
S7	1	A	2 $\frac{3}{16}$ " x 6" x 3 $\frac{5}{8}$ " x 5 $\frac{7}{8}$ "	$\frac{1}{4}$ "
S8	1	A	1 $\frac{3}{32}$ " x 7 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " x 7 $\frac{3}{8}$ "	$\frac{1}{4}$ "
S9	1	C	6 $\frac{1}{16}$ " x 6 $\frac{3}{16}$ " x 1 $\frac{3}{32}$ "	$\frac{1}{4}$ "
S10	1	A	1 $\frac{7}{8}$ " x 9 $\frac{7}{8}$ " x 3 $\frac{3}{8}$ " x 9 $\frac{11}{16}$ "	$\frac{1}{4}$ "
S11	1	C	9 $\frac{7}{8}$ " x 10" x 1 $\frac{13}{16}$ "	$\frac{1}{4}$ "

- GENERAL NOTES:**
- COVER PLATE PANELS ARE  $\frac{3}{16}$ " THICK.
  - ALL STIFFENERS ARE  $\frac{1}{4}$ " THICK.
  - CONNECTOR PLATE SHALL BE FABRICATED FROM ASTM GRADE A36 STEEL AND GALVANIZED.
  - FOR GALVANIZED REQUIREMENTS, SEE SECTION 1040 OF THE STANDARD SPECIFICATIONS.
  - ALL HOLE DIAMETERS SHALL BE 1".

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
<b>BRIDGE ANCHOR SECTION</b>			
SAFETY BARRIER CURB ON BRIDGE (CONNECTOR PLATE DETAIL)			
DATE: _____	EFFECTIVE: *	*	*

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.