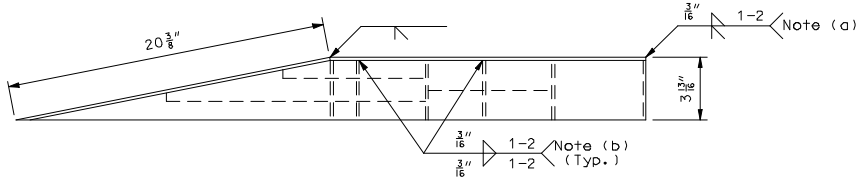

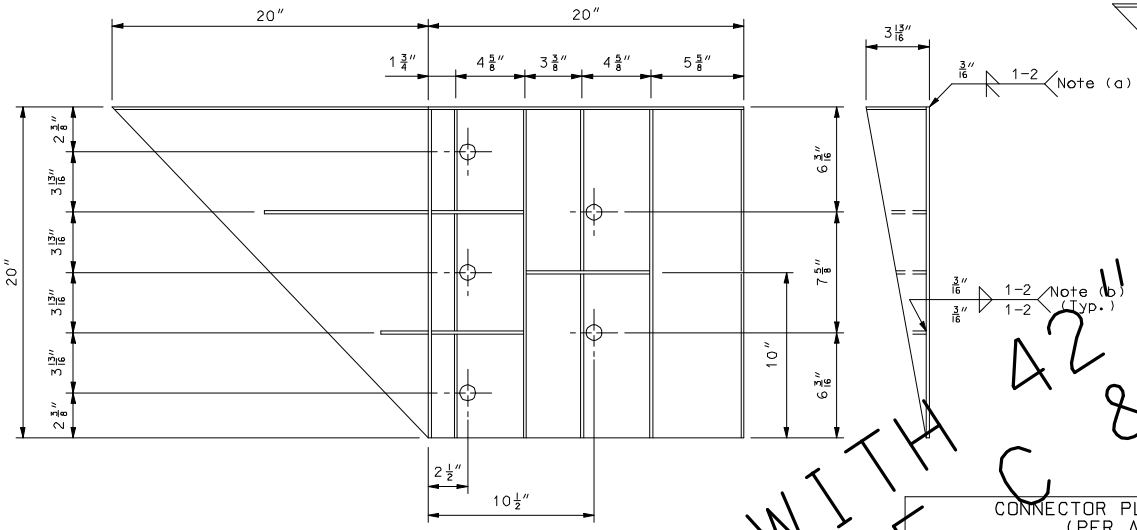

WELDING INSTRUCTION

(a) Stiffeners located on the outside edges of the cover plates shall be welded as follows: single bevel groove weld on external sides and 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: 3/16" fillet weld by 1" long spaced at 2"

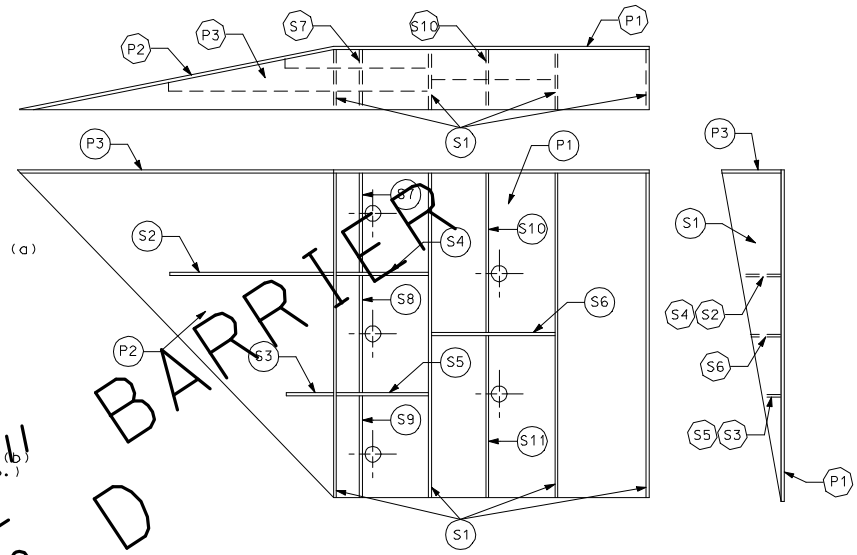

PLATE AND STIFFENER IDENTIFICATION

FOR USE WITH TYPE C & D 42" BARRIER

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)

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

GENERAL NOTES:

COVER PLATE PANELS ARE 3/16" THICK.

ALL STIFFENERS ARE 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

BRIDGE ANCHOR SECTION

SAFETY BARRIER CURB ON BRIDGE (CONNECTOR PLATE DETAIL)

DATE:_____ EFFECTIVE: * *

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