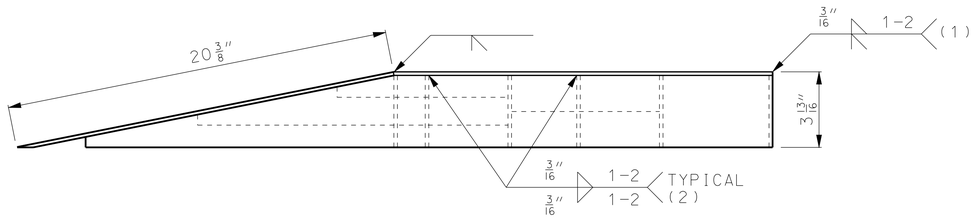

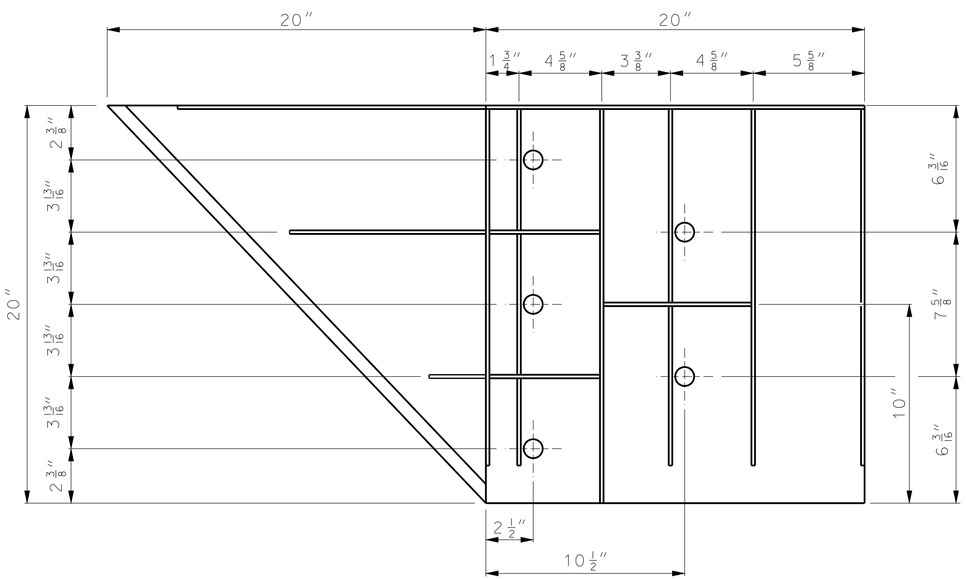

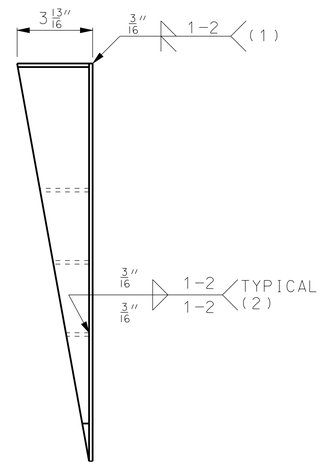

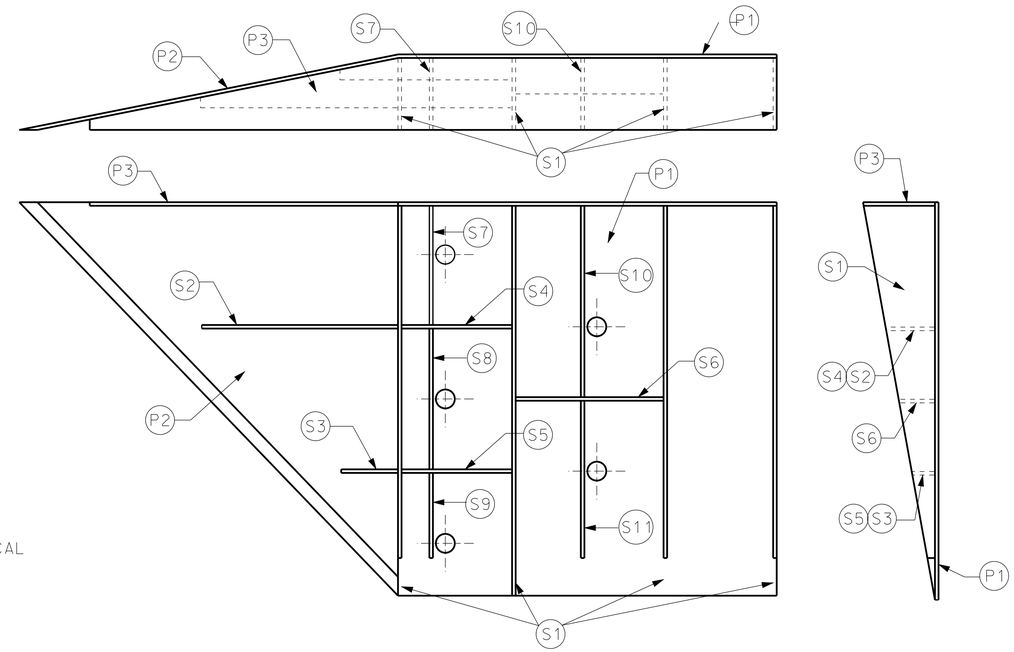

PLATE AND STIFFENER IDENTIFICATION

WELDING INSTRUCTION

(1) STIFFENERS LOCATED AT 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.

(2) STEFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
$\frac{3}{16}''$ FILLET WELD BY 1" LONG SPACED AT 2".

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)

PLATE	QUANTITY	SHAPE	SIZE (A x B x C x D)	THICKNESS
P1	1	B A	20" x 20"	$\frac{3}{16}''$
P2	1	B A C	20" x 20" x $28\frac{9}{16}''$	$\frac{3}{16}''$
P3	1	B A C D	39" x $3\frac{5}{8}''$ x 20" x $19\frac{5}{16}''$	$\frac{3}{16}''$
S1	4	B A C	$18\frac{7}{16}''$ x $3\frac{5}{8}''$ x $18\frac{3}{4}''$	$\frac{1}{4}''$
S2	1	B A C D	$10\frac{1}{4}''$ x $2\frac{7}{16}''$ x $10\frac{3}{8}''$ x $\frac{1}{2}''$	$\frac{1}{4}''$
S3	1	B A C D	3" x $1\frac{1}{16}''$ x $3\frac{1}{8}''$ x $\frac{1}{2}''$	$\frac{1}{4}''$
S4	1	B A	$6\frac{1}{8}''$ x $2\frac{7}{16}''$	$\frac{1}{4}''$
S5	1	B A	$6\frac{1}{8}''$ x $1\frac{1}{16}''$	$\frac{1}{4}''$
S6	1	B A	$7\frac{3}{4}''$ x $1\frac{3}{4}''$	$\frac{1}{4}''$
S7	1	A D B C	$2\frac{9}{16}''$ x 6" x $3\frac{5}{8}''$ x $5\frac{7}{8}''$	$\frac{1}{4}''$
S8	1	A D B C	$1\frac{5}{32}''$ x $7\frac{1}{2}''$ x $2\frac{1}{2}''$ x $7\frac{3}{8}''$	$\frac{1}{4}''$
S9	1	C A B	$6\frac{1}{16}''$ x $6\frac{3}{16}''$ x $1\frac{3}{32}''$	$\frac{1}{4}''$
S10	1	A D B C	$1\frac{7}{8}''$ x $9\frac{7}{8}''$ x $3\frac{5}{8}''$ x $9\frac{11}{16}''$	$\frac{1}{4}''$
S11	1	C A B	$8\frac{1}{2}''$ x $8\frac{3}{4}''$ 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
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

STATE OF MISSOURI
KATHRYN PHILLIPS HARVEY
NUMBER PE-23751
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

BRIDGE ANCHOR SECTION
SAFETY BARRIER CURB ON BRIDGE (CONNECTOR PLATE DETAIL) SINGLE SLOPE BARRIERS

DATE EFFECTIVE: 08/01/2012
DATE PREPARED: 7/19/2012

606.22T

SHEET NO. 5 OF 5

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