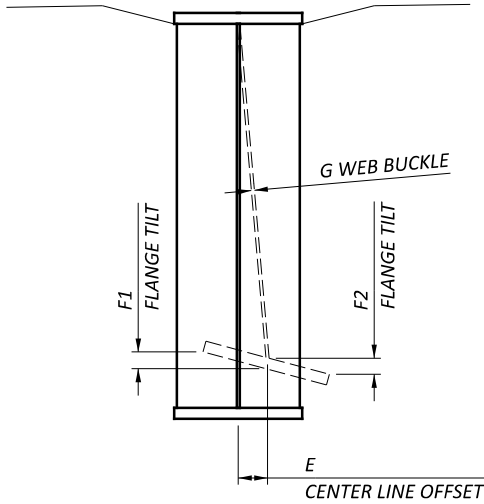
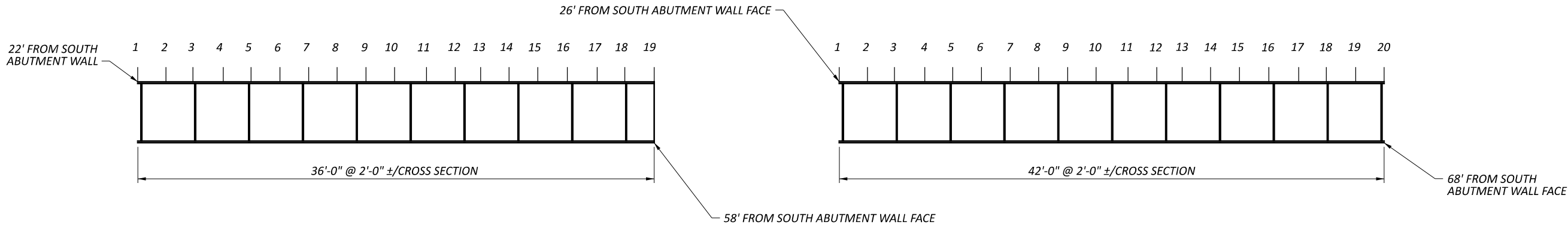


BEAM 1				
SECTION	E (IN)	F1 (IN)	F2 (IN)	G (IN)
1	0	0	0	0
2	$\frac{1}{16}$	0	0	0
3	$\frac{1}{16}$	0	0	0
4	$\frac{1}{16}$	0	0	0
5	$\frac{1}{8}$	0	0	$\frac{1}{16}$
6	$\frac{5}{16}$	0	0	$\frac{1}{8}$
7	$\frac{5}{16}$	0	0	$\frac{1}{2}$
8	$\frac{1}{2}$	0	0	0
9	$\frac{3}{4}$	0	0	$\frac{3}{16}$
10	$\frac{7}{8}$	0	0	$\frac{3}{16}$
11	$\frac{1}{8}$	$-\frac{1}{16}$	$\frac{1}{16}$	0
12	$1\frac{1}{4}$	$\frac{1}{16}$	$-\frac{1}{16}$	0
13	2	$\frac{3}{8}$	$-\frac{3}{8}$	$\frac{7}{8}$
14	$\frac{7}{8}$	$1\frac{3}{16}$	$-1\frac{1}{4}$	0
15	$1\frac{15}{16}$	$1\frac{1}{16}$	$-\frac{3}{4}$	$1\frac{3}{16}$
16	$1\frac{15}{16}$	$\frac{1}{8}$	$-\frac{1}{8}$	0
17	$1\frac{15}{16}$	0	0	$\frac{3}{16}$
18	$1\frac{3}{16}$	0	0	0
19	$\frac{5}{8}$	0	0	$\frac{1}{2}$



TYPICAL CROSS SECTION
NEGATIVE E VALUES ARE BENT LEFT
NEGATIVE F VALUES ARE BENT DOWN
NEGATIVE G VALUES ARE BENT LEFT

BEAM 4				
SECTION	E (IN)	F1 (IN)	F2 (IN)	G (IN)
1	$\frac{5}{16}$	$-\frac{1}{8}$	$\frac{1}{8}$	0
2	$\frac{1}{16}$	0	0	0
3	$\frac{3}{16}$	0	0	$\frac{5}{8}$
4	$\frac{7}{16}$	0	0	$2\frac{3}{16}$
5	$1\frac{3}{16}$	$\frac{1}{16}$	$-\frac{1}{16}$	0
6	$1\frac{1}{8}$	$\frac{3}{16}$	$-\frac{3}{16}$	0
7	$1\frac{1}{2}$	$\frac{1}{4}$	$-\frac{1}{4}$	0
8	$2\frac{1}{4}$	$\frac{1}{4}$	$-\frac{1}{4}$	$1\frac{3}{16}$
9	$2\frac{3}{8}$	$\frac{7}{16}$	$-\frac{1}{2}$	0
10	3	$1\frac{1}{4}$	$-1\frac{1}{16}$	$2\frac{3}{16}$
11	$2\frac{1}{2}$	$1\frac{1}{16}$	$-2\frac{1}{16}$	4
12	$2\frac{3}{8}$	$1\frac{15}{16}$	-1	$2\frac{1}{8}$
13	$2\frac{3}{16}$	$\frac{3}{8}$	$-\frac{3}{8}$	2
14	2	$\frac{1}{4}$	$-\frac{1}{4}$	$1\frac{1}{16}$
15	$1\frac{5}{16}$	$\frac{1}{8}$	$-\frac{3}{16}$	$1\frac{1}{4}$
16	$1\frac{1}{4}$	$\frac{1}{8}$	$-\frac{1}{8}$	$1\frac{1}{4}$
17	$1\frac{1}{16}$	$-\frac{1}{16}$	$\frac{1}{16}$	$1\frac{1}{16}$
18	$\frac{3}{4}$	$-\frac{1}{8}$	$\frac{1}{8}$	$1\frac{3}{4}$
19	$1\frac{1}{16}$	0	0	$1\frac{3}{8}$
20	$\frac{3}{8}$	$-\frac{1}{16}$	$\frac{1}{16}$	0



BEAM 1
PLATE GIRDER
WEB: PL 48"x $\frac{3}{8}$ "
FLANGES: PL 16"x $1\frac{3}{8}$ "
STIFFENERS: PL $7\frac{1}{2}$ "x $\frac{3}{4}$ "

BEAM 4
PLATE GIRDER
WEB: PL 48"x $\frac{3}{8}$ "
FLANGES: PL 16"x $1\frac{3}{8}$ "
STIFFENERS: PL $7\frac{1}{2}$ "x $\frac{3}{4}$ "

**REFERENCE ONLY*

BRIDGE COLLISION REPAIR DETAILS - REFERENCE ONLY
BRIDGE NO. VAN-30-22.08
CONVERSE ROSELM ROAD OVER U.S. 30

SFN 8104379	
DESIGN AGENCY	
DESIGNER MIK	CHECKER XXX
REVIEWER EJS 06-18-24	
PROJECT ID 121872	
SUBSET 0	TOTAL 0
SHEET P.O	TOTAL 0