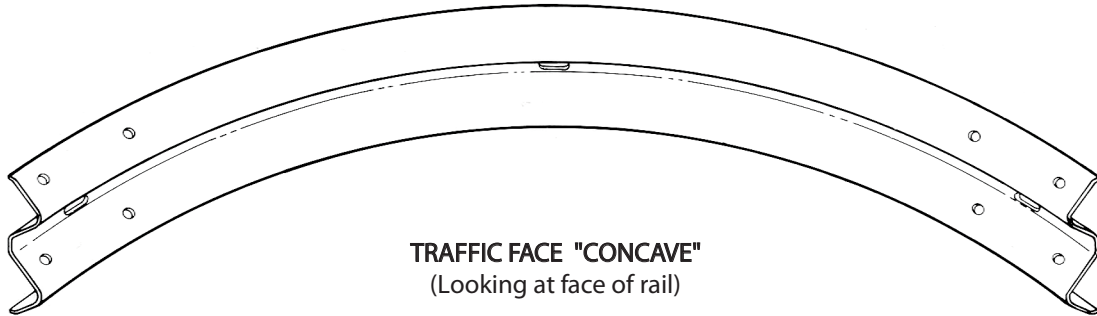
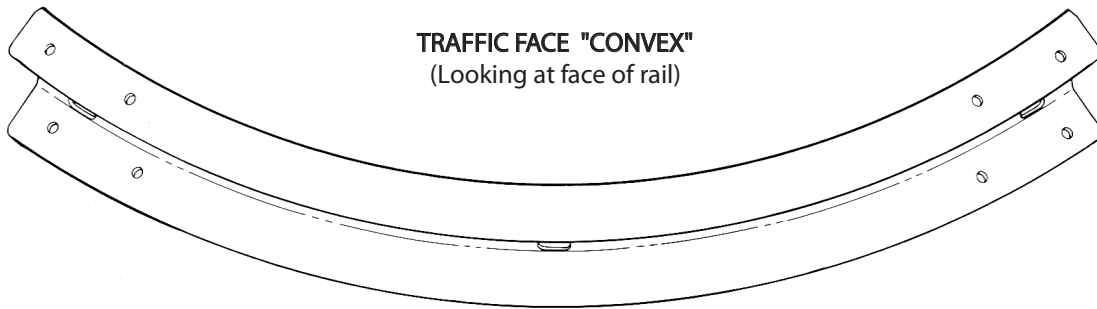


RADIUSED GUARDRAIL

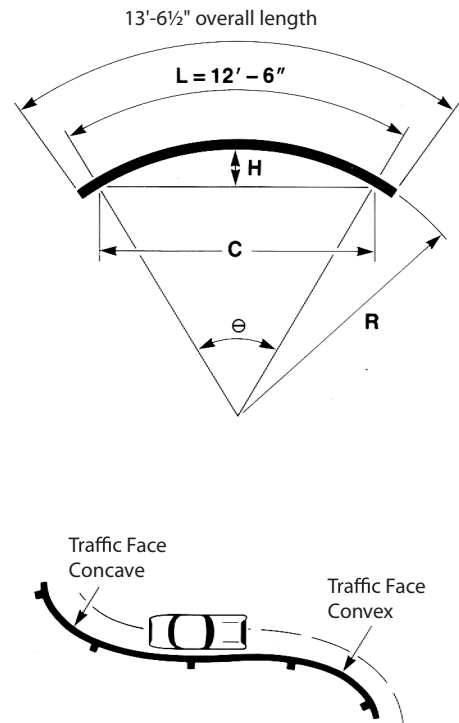


W-beam shown; Thrie beam also available.



FUNCTIONS OF 12'-6" CIRCULAR ARC

Radius (R)	Rise (H)	Control Angle (θ)	Chord (C)
3	4'-5 5/8"	238°-44'	5'-2 3/4"
4	3'-11 5/8"	179°-03'	8'-0"
5	3'-5"	143°-14'	9'-6"
8	2'-3 7/8"	89°-34'	11'-3 1/4"
10	1'-10 3/4"	71°-37'	11'-9"
12	1'-9 1/8"	59°-43'	11'-11 3/8"
15	1'-3 1/2"	47°-45'	12'-1 3/4"
20	11 5/8"	35°-49'	12'-3 5/8"
25	9 1/2"	28°-39'	12'-4 1/2"
30	7 3/4"	23°-52'	12'-4 7/8"
35	6 3/4"	20°-28'	12'-5"
40	6"	17°-54'	12'-5 1/4"
45	5 1/4"	15°-55'	12'-5 1/2"
50	4 5/8"	14°-19'	12'-5 5/8"
55	4 1/4"	13°-01'	12'-5 5/8"
60	4"	11°-56'	12'-5 3/4"
65	3 5/8"	11°-01'	12'-5 3/4"
70	3 5/8"	10°-14'	12'-5 3/4"
75	3 1/4"	9°-33'	12'-5 3/4"
80	3"	8°-57'	12'-5 3/4"
85	2 3/4"	8°-26'	12'-5 7/8"
90	2 5/8"	7°-57'	12'-5 7/8"
95	2 1/2"	7°-32'	12'-5 7/8"
100	2 3/8"	7°-10'	12'-5 7/8"
110	2 1/8"	6°-31'	12'-5 7/8"
120	2"	5°-58'	12'-6"
130	1 3/4"	5°-31'	12'-6"
140	1 5/8"	5°-06'	12'-6"
150	1 1/2"	4°-46'	12'-6"



10th edition
2014