

CURRENT STANDARD BRIDGE RAIL PROPERTIES

Rail Type	Weight – plf	CG from traffic face – inches
32" Concrete Parapet	312	10.08
42" Single Slope Concrete Parapet	518	9.80
32" 2-Tube Curb Mount Rail & Curb	183	8.19
42" 3-Tube Curb Mount Rail & Curb	232	7.48
42" Combination Rail & Parapet	385	6.75
42" Pedestrian Rail & Curb	95	5.00
32" Median Parapet	408	12.00
42" Single Slope Median Parapet	700	12.00

OLD STANDARD BRIDGE RAIL PROPERTIES

Rail Type	Weight – plf	CG from traffic face – inches
2'-9¾" Concrete Parapet w/9"Ø Void	368	11.75
2'-9¾" Concrete Parapet w/o Void	435	11.375
42" Concrete Parapet	413	10.97
5x9 Channel top/bottom Rail w/2x2x¼ angle pickets & 2'-4"x9" Curb	292	14.83
2-Tube Aluminum Rail & 6" Curb	112	6.75
3-Tube Aluminum Rail & 6" Curb	117	6.50
Combination Pedestrian Rail & Parapet NCHRP 350 TL-3	265	4.50
Combination Rail w/Protective Fence NCHRP 350 TL-3	296	3.83
G-2-F Rail Retrofit Type 1	31	7.09
G-2-F Rail Retrofit Type 2	35	7.61
G-2-F Rail Retrofit Type 4	14	4.63
Delaware Rail Retrofit	25	5.67
Iowa Concrete Parapet Retrofit	262	8.00

Revisions:

July 2009	Deleted Combination Bicycle Rail Deleted Bicycle Rail Deleted G-2-F Type 3 Changed weight of Pedestrian Rail from 96 plf to 102 plf Changed weight of G-2-F Type 4 from 13 plf to 20 plf Added Delaware Retrofit weight Added Iowa Retrofit weight Added Old Bridge Rail Table
July 2010	Added CG from traffic face to both tables
August 2016	Added 42" Concrete parapet
March 2018	Added 42" Single Slope Concrete Parapet
Nov 2019	Moved Rail Retrofit Types 1-4, Delaware Retrofit, and Iowa Retrofit to "Old Standard Drawings" Table.
May 2021	Moved 42" Concrete Parapet, Combination Rail (NCHRP 350 TL-3), and Combination Rail with fence to "Old Standard Drawings" Table. Added 3-Tube Curb Mount Rail, Combination Rail (MASH TL-4), and 42" Single Slope Median Barrier to Current Standard Rail Properties Table.