

**CURRENT STANDARD BRIDGE RAIL PROPERTIES**

| <b>Rail Type</b>                      | <b>Weight – plf</b> | <b>CG from traffic face – inches</b> |
|---------------------------------------|---------------------|--------------------------------------|
| Concrete Parapet                      | 312                 | 10.08                                |
| 2-Tube Curb Mount Rail & Curb         | 183                 | 8.19                                 |
| Combination Pedestrian Rail & Parapet | 265                 | 4.50                                 |
| Combination Rail w/Protective Fence   | 296                 | 3.83                                 |
| Pedestrian Rail & Curb                | 95                  | 5.00                                 |
| Median Parapet                        | 408                 | 12.00                                |
| 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                                 |

**OLD STANDARD BRIDGE RAIL PROPERTIES**

| <b>Rail Type</b>   | <b>Weight – plf</b> | <b>CG from traffic face – inches</b> |
|--|---------------------|--------------------------------------|
| 2' -9 <sup>3</sup> / <sub>4</sub> " Concrete Parapet w/9"Ø Void      | 368                 | 11.75                                |
| 2' -9 <sup>3</sup> / <sub>4</sub> " Concrete Parapet w/o Void        | 435                 | 11.375                               |
| 5x9 Channel top/bottom Rail w/2x2x1/4 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                                 |

**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