# FIGURED WEIGHTS OF STANDARD BRIDGES

## Figured Weights of Standard Bridges PHILIPPINE RAILWAY CO. "E 35"

| | SPAN | DECK | THROUGH |
|---|---|---|---|
| B.G. | 20 | 5600 | |
| PLATE G. | 30 | 13,670 | 21,900 |
| | 40 | 19,810 | 32,260 |
| | 50 | 28,490 | 44,200 |
| LATTICE | 40 | 17,910 | 28,300 |
| | 50 | 25,800 | 40,100 |
| | 60 | 35,000 | 51,000 |
| | 70 | 44,200 | 65,400 |
| | 80 | 58,500 | 80,900 |
| | 90 | 74,100 | 100,200 |
| | 100 | 90,000 | |
| RIVETED | 100 | | 116,600 |
| | 125 | 175,500 | 155,900 |
| | 150 | 239,500 | 214,500 |

## Figured Weights of Standard Bridges C.O. & G.R.R. "E 40"

| | SPAN | DECK | THROUGH |
|---|---|---|---|
| PLATE GIRDER | 30 | 12,900 | 23,000 |
| | 40 | 18,920 | 34,000 |
| | 50 | 29,350 | 48,700 |
| | 60 | 39,400 | 64,100 |
| | 70 | 50,700 | 78,400 |
| | 80 | 74,900 | 105,000 |
| | 83 | 79,200 | |
| | 85 | | 116,300 |
| | 90 | 92,000 | 126,000 |
| RIVETED | 100 | 98,300 | 131,500 |
| | 125 | 174,700 | 164,500 |
| | 150 | 244,500 | 225,300 |

## Figured Weights of Standard Bridges BOLIVIA RAILWAY CO. "E40"

| | SPAN | DECK | THROUGH |
|---|---|---|---|
| B.G. | 10 | 2080 | |
| PLATE G. | 20 | 7,870 | |
| | 30 | 14,130 | 24,525 |
| LATTICE | 40 | 20,060 | 33,808 |
| | 50 | 28,000 | 44,900 |
| | 60 | 38,500 | 57,100 |
| | 80 | 71,500 | 95,300 |
| RIVETED | 100 | 95,300 | 130,500 |
| | 120 | 189,500 | 165,500 |
| | 140 | 251,000 | 215,500 |

## Figured Weights of Standard Bridges NATIONAL LINES OF MEXICO "E60"

| | SPAN | DECK | THROUGH |
|---|---|---|---|
| B.G. | 10 | 2500 | |
| | 17 | 6790 | |
| PLATE GIRDER | 23½ | 11,900 | |
| | 25 | 13,400 | 30,400 |
| | 30 | 17,700 | 32,800 |
| | 32 | 19,500 | 46,800 |
| | 40 | 27,500 | 66,200 |
| | 50 | 39,600 | 87,800 |
| | 60 | 56,400 | 110,000 |
| | 70 | 73,600 | 138,000 |
| | 80 | 96,800 | |
| RIVETED | 90 | 123,300 | 145,000 |
| | 100 | 143,700 | 166,700 |
| | 125 | 253,900 | 235,000 |
| | 150 | 347,800 | 323,200 |
| PIN | 175 | 466,000 | 431,700 |
| | 200 | 569,600 | 537,400 |
| | 225 | 705,600 | 668,200 |

Traced from Boller & Hodge data of 1-15-08
By G.F.S. — 5-18-12