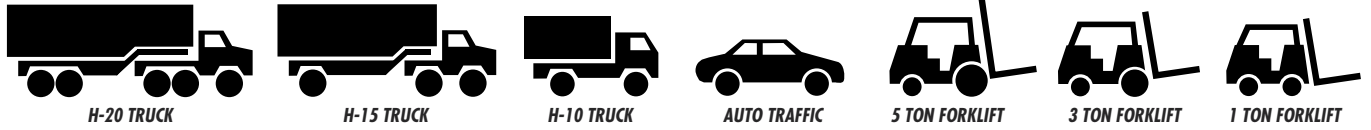


## Bridge Decking Load Table

### LOAD TABLE: TYPE R-37-5 BRIDGE DECKING

**BEARING BARS 2-5/16" FACE TO FACE, RIVETS 5" ON CENTER**



BEARING BAR SIZE	RECTICULINE BAR SIZE	WEIGHT LBS. PER SQ. FT.	SECTION MOD. PER FT. OF WIDTH	H-20 TRUCK	H-15 TRUCK	H-10 TRUCK	AUTO TRAFFIC	5 TON FORKLIFT	3 TON FORKLIFT	1 TON FORKLIFT
				MAXIMUM SAFE SPAN						
2-1/2 x 1/4	1-1/2 x 3/16	17.1	1.220	1'-6"	1'-4"	1'-2"	3'-4"	1'-1"	0'-11"	1'-3"
2-1/2 x 5/16	1-1/2 x 3/16	19.3	1.488	1'-8"	1'-6"	1'-4"	4'-0"	1'-2"	1'-1"	1'-7"
2-1/2 x 3/8	1-1/2 x 3/16	21.2	1.744	1'-10"	1'-8"	1'-6"	4'-4"	1'-4"	1'-3"	1'-9"
3 x 1/4	1-1/2 x 3/16	19.1	1.756	1'-10"	1'-8"	1'-6"	4'-7"	1'-4"	1'-3"	1'-10"
3 x 5/16	1-1/2 x 3/16	21.7	2.143	2'-1"	1'-10"	1'-9"	4'-11"	1'-7"	1'-6"	2'-2"
3 x 3/8	1-1/2 x 3/16	24.0	2.512	2'-3"	2'-1"	2'-0"	5'-2"	1'-9"	1'-8"	2'-6"
3-1/2 x 1/4	1-1/2 x 3/16	21.0	2.390	2'-2"	2'-0"	1'-11"	5'-4"	1'-8"	1'-7"	2'-5"
3-1/2 x 5/16	1-1/2 x 3/16	24.1	2.917	2'-6"	2'-4"	2'-3"	5'-9"	2'-0"	1'-11"	2'-11"
3-1/2 x 3/8	1-1/2 x 3/16	26.9	3.419	2'-9"	2'-8"	2'-7"	6'-1"	2'-3"	2'-2"	3'-5"
4 x 1/4	1-1/2 x 3/16	23.0	3.122	2'-7"	2'-6"	2'-4"	6'-2"	2'-1"	2'-0"	3'-1"
4 x 5/16	1-1/2 x 3/16	26.6	3.810	3'-0"	2'-10"	2'-10"	6'-7"	2'-5"	2'-5"	3'-9"
4 x 3/8	1-1/2 x 3/16	29.7	4.465	3'-5"	3'-3"	3'-2"	6'-11"	2'-9"	2'-9"	4'-5"
5 x 1/4	1-1/2 x 3/16	25.0	4.878	3'-8"	3'-6"	3'-6"	7'-8"	3'-0"	3'-0"	4'-9"
5 x 5/16	1-1/2 x 3/16	31.4	5.952	4'-3"	4'-2"	4'-2"	8'-2"	3'-7"	3'-7"	5'-10"
5 x 3/8	1-1/2 x 3/16	35.4	6.977	4'-10"	4'-9"	4'-10"	8'-8"	4'-1"	4'-2"	6'-9"