

1.5E ALLOWABLE UNIFORM LOADS ROOF SNOW 115%

ALLOWABLE UNIFORM LOADS* – POUNDS PER LINEAL FOOT – 1 3/4" 1.5E PWLVL

Span (ft)	Key	One 1 3/4" 1.5E PWLVL							
		3 1/2"	5 1/2"	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 7/8"	14"
6	LL	96	374	-	-	-	-	-	-
	TL	99	388	677	912	944	1176	1264	1593
	BRG	1.5 / 3	1.5 / 3	2 / 5.1	2.7 / 6.8	2.8 / 7.1	3.5 / 8.8	3.8 / 9.5	4.8 / 11.9
7	LL	-	-	-	-	-	-	-	-
	TL	53	208	479	753	778	961	1030	1282
	BRG	1.5 / 3	1.5 / 3	1.7 / 4.2	2.6 / 6.6	2.7 / 6.8	3.4 / 8.4	3.6 / 9	4.5 / 11.2
8	LL	-	-	-	-	-	-	-	-
	TL	-	121	279	641	662	812	869	1072
	BRG	-	1.5 / 3	1.5 / 3	2.6 / 6.4	2.6 / 6.6	3.2 / 8.1	3.5 / 8.7	4.3 / 10.7
9	LL	-	-	-	528	572	-	-	-
	TL	-	75	173	545	573	703	751	921
	BRG	-	1.5 / 3	1.5 / 3	2.5 / 6.1	2.6 / 6.5	3.2 / 7.9	3.4 / 8.5	4.1 / 10.4
10	LL	-	-	-	385	417	-	-	-
	TL	-	48	112	441	463	620	661	807
	BRG	-	1.5 / 3	1.5 / 3	2.2 / 5.5	2.3 / 5.8	3.1 / 7.8	3.3 / 8.3	4 / 10.1
11	LL	-	-	-	289	313	520	-	-
	TL	-	32	76	363	382	525	582	718
	BRG	-	1.5 / 3	1.5 / 3	2 / 5	2.1 / 5.3	2.9 / 7.2	3.2 / 8	4 / 9.9
12	LL	-	-	-	223	241	401	471	-
	TL	-	-	53	293	317	441	488	646
	BRG	-	-	1.5 / 3	1.8 / 4.4	1.9 / 4.8	2.7 / 6.6	2.9 / 7.4	3.9 / 9.7
13	LL	-	-	-	175	190	315	371	-
	TL	-	-	37	229	249	375	415	566
	BRG	-	-	1.5 / 3	1.5 / 3.8	1.6 / 4.1	2.5 / 6.1	2.7 / 6.8	3.7 / 9.2
14	LL	-	-	-	140	152	252	297	486
	TL	-	-	27	183	198	322	357	487
	BRG	-	-	1.5 / 3	1.5 / 3.3	1.5 / 3.5	2.3 / 5.7	2.5 / 6.3	3.4 / 8.6
15	LL	-	-	-	114	123	205	241	395
	TL	-	-	-	148	160	268	310	424
	BRG	-	-	-	1.5 / 3	1.5 / 3.1	2 / 5.1	2.4 / 5.9	3.2 / 8
16	LL	-	-	-	94	102	169	199	326
	TL	-	-	-	121	131	220	260	371
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.8 / 4.5	2.1 / 5.3	3 / 7.5
17	LL	-	-	-	78	85	141	166	272
	TL	-	-	-	100	109	183	216	328
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.6 / 4	1.9 / 4.7	2.8 / 7.1
18	LL	-	-	-	66	71	119	140	229
	TL	-	-	-	84	91	153	181	292
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.5 / 3.5	1.7 / 4.2	2.7 / 6.7
19	LL	-	-	-	61	61	101	119	194
	TL	-	-	-	77	77	129	153	253
	BRG	-	-	-	-	1.5 / 3	1.5 / 3.2	1.5 / 3.7	2.4 / 6.1
20	LL	-	-	-	-	-	87	102	167
	TL	-	-	-	-	-	110	130	216
	BRG	-	-	-	-	-	1.5 / 3	1.5 / 3.4	2.2 / 5.5
21	LL	-	-	-	-	-	75	88	144
	TL	-	-	-	-	-	95	112	186
	BRG	-	-	-	-	-	1.5 / 3	1.5 / 3.1	2 / 5
22	LL	-	-	-	-	-	65	76	125
	TL	-	-	-	-	-	82	97	161
	BRG	-	-	-	-	-	1.5 / 3	1.5 / 3	1.8 / 4.6
23	LL	-	-	-	-	-	-	67	110
	TL	-	-	-	-	-	-	84	140
	BRG	-	-	-	-	-	-	1.5 / 3	1.7 / 4.2
24	LL	-	-	-	-	-	-	-	96
	TL	-	-	-	-	-	-	-	122
	BRG	-	-	-	-	-	-	-	1.5 / 3.8
25	LL	-	-	-	-	-	-	-	85
	TL	-	-	-	-	-	-	-	107
	BRG	-	-	-	-	-	-	-	1.5 / 3.5
26	LL	-	-	-	-	-	-	-	76
	TL	-	-	-	-	-	-	-	95
	BRG	-	-	-	-	-	-	-	1.5 / 3.3
27	LL	-	-	-	-	-	-	-	68
	TL	-	-	-	-	-	-	-	84
	BRG	-	-	-	-	-	-	-	1.5 / 3
28	LL	-	-	-	-	-	-	-	61
	TL	-	-	-	-	-	-	-	75
	BRG	-	-	-	-	-	-	-	1.5 / 3
29	LL	-	-	-	-	-	-	-	-
	TL	-	-	-	-	-	-	-	-
	BRG	-	-	-	-	-	-	-	-
30	LL	-	-	-	-	-	-	-	-
	TL	-	-	-	-	-	-	-	-
	BRG	-	-	-	-	-	-	-	-

* Can be applied to the beam in addition to its own weight. Simple or multiple beam spans

Key to Table:

LL = Maximum live load – limits deflection to L/240

TL = Maximum total load – limits deflections to L/180 (or a maximum of 0.3125" for beams 7 1/4" deep or less)

BRG = Required end / intermediate bearing length (inches), based on bearing stress of 575 psi.

1.5E ALLOWABLE UNIFORM LOADS ROOF SNOW 115%

ALLOWABLE UNIFORM LOADS* – POUNDS PER LINEAL FOOT – 1 3/4" 1.5E PWLV L

Span (ft)	Key	Two 1 3/4" 1.5E PWLV L												
		3 1/2"	5 1/2"	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 1/2"	14"	16"	18"	20"	22"	23 1/2"
6	LL	193	749	-	-	-	-	-	-	-	-	-	-	-
	TL	198	775	1354	1825	1887	2351	2529	3186	3894	4706	5649	6756	7984
	BRG	1.5 / 3	1.5 / 3	2 / 5.1	2.7 / 6.8	2.8 / 7.1	3.5 / 8.8	3.8 / 9.5	4.8 / 11.9	5.8 / 14.6	7 / 17.6	8.4 / 21.1	10.1 / 25.3	11.9 / 29.8
7	LL	-	-	-	-	-	-	-	-	-	-	-	-	-
	TL	105	416	958	1507	1556	1922	2060	2563	3091	3680	4341	5090	5887
	BRG	1.5 / 3	1.5 / 3	1.7 / 4.2	2.6 / 6.6	2.7 / 6.8	3.4 / 8.4	3.6 / 9	4.5 / 11.2	5.4 / 13.5	6.4 / 16.1	7.6 / 19	8.9 / 22.2	10.3 / 25.7
8	LL	-	-	-	-	-	-	-	-	-	-	-	-	-
	TL	-	242	559	1283	1324	1625	1737	2143	2561	3020	3524	4081	4660
	BRG	-	1.5 / 3	1.5 / 3	2.6 / 6.4	2.6 / 6.6	3.2 / 8.1	3.5 / 8.7	4.3 / 10.7	5.1 / 12.8	6 / 15.1	7 / 17.6	8.2 / 20.4	9.3 / 23.3
9	LL	-	-	1056	1143	-	-	-	-	-	-	-	-	-
	TL	-	149	346	1090	1146	1407	1502	1841	2186	2560	2965	3405	3855
	BRG	-	1.5 / 3	1.5 / 3	2.5 / 6.1	2.6 / 6.5	3.2 / 7.9	3.4 / 8.5	4.1 / 10.4	4.9 / 12.3	5.8 / 14.4	6.7 / 16.7	7.7 / 19.1	8.7 / 21.7
10	LL	-	-	769	834	-	-	-	-	-	-	-	-	-
	TL	-	96	225	881	926	1240	1322	1613	1907	2221	2558	2921	3286
	BRG	-	1.5 / 3	1.5 / 3	2.2 / 5.5	2.3 / 5.8	3.1 / 7.8	3.3 / 8.3	4 / 10.1	4.8 / 11.9	5.6 / 13.9	6.4 / 16	7.3 / 18.3	8.2 / 20.5
11	LL	-	-	578	626	1040	-	-	-	-	-	-	-	-
	TL	-	64	152	727	764	1051	1163	1435	1690	1961	2249	2556	2863
	BRG	-	1.5 / 3	1.5 / 3	2 / 5	2.1 / 5.3	2.9 / 7.2	3.2 / 8	4 / 9.9	4.7 / 11.6	5.4 / 13.5	6.2 / 15.5	7 / 17.6	7.9 / 19.7
12	LL	-	-	445	482	801	942	-	-	-	-	-	-	-
	TL	-	-	105	585	635	881	976	1292	1517	1755	2006	2272	2536
	BRG	-	-	1.5 / 3	1.8 / 4.4	1.9 / 4.8	2.7 / 6.6	2.9 / 7.4	3.9 / 9.7	4.6 / 11.4	5.3 / 13.2	6 / 15.1	6.8 / 17.1	7.6 / 19.1
13	LL	-	-	350	379	630	741	-	-	-	-	-	-	-
	TL	-	-	74	459	497	749	830	1132	1376	1588	1810	2044	2275
	BRG	-	-	1.5 / 3	1.5 / 3.8	1.6 / 4.1	2.5 / 6.1	2.7 / 6.8	3.7 / 9.2	4.5 / 11.2	5.2 / 13	5.9 / 14.8	6.7 / 16.7	7.4 / 18.5
14	LL	-	-	280	304	504	593	972	-	-	-	-	-	-
	TL	-	-	54	365	396	645	714	974	1253	1449	1649	1858	2063
	BRG	-	-	1.5 / 3	1.5 / 3.3	1.5 / 3.5	2.3 / 5.7	2.5 / 6.3	3.4 / 8.6	4.4 / 11	5.1 / 12.7	5.8 / 14.5	6.5 / 16.3	7.3 / 18.1
15	LL	-	-	228	247	410	482	790	-	-	-	-	-	-
	TL	-	-	296	321	537	621	847	1090	1333	1513	1702	1887	-
	BRG	-	-	1.5 / 3	1.5 / 3.1	2 / 5.1	2.4 / 5.9	3.2 / 8	4.1 / 10.3	5 / 12.6	5.7 / 14.3	6.4 / 16	7.1 / 17.8	-
16	LL	-	-	188	204	338	397	651	-	-	-	-	-	-
	TL	-	-	242	263	440	519	743	956	1194	1399	1570	1738	-
	BRG	-	-	1.5 / 3	1.5 / 3	1.8 / 4.5	2.1 / 5.3	3 / 7.5	3.9 / 9.6	4.8 / 12	5.6 / 14.1	6.3 / 15.8	7 / 17.5	-
17	LL	-	-	157	170	282	331	543	811	-	-	-	-	-
	TL	-	-	200	218	365	431	657	845	1056	1288	1457	1610	-
	BRG	-	-	1.5 / 3	1.5 / 3	1.6 / 4	1.9 / 4.7	2.8 / 7.1	3.6 / 9.1	4.5 / 11.3	5.5 / 13.8	6.2 / 15.6	6.9 / 17.2	-
18	LL	-	-	132	143	237	279	457	683	-	-	-	-	-
	TL	-	-	168	182	306	361	584	752	940	1147	1359	1500	-
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3.5	1.7 / 4.2	2.7 / 6.7	3.4 / 8.6	4.3 / 10.7	5.2 / 13	6.2 / 15.4	6.8 / 17	-
19	LL	-	-	122	202	237	389	581	827	-	-	-	-	-
	TL	-	-	153	259	306	506	674	842	1028	1231	1404	-	-
	BRG	-	-	1.5 / 3	1.5 / 3.2	1.5 / 3.7	2.4 / 6.1	3.2 / 8.1	4.1 / 10.1	4.9 / 12.3	5.9 / 14.8	6.7 / 16.8	-	-
20	LL	-	-	173	204	333	498	709	-	-	-	-	-	-
	TL	-	-	220	261	432	607	758	926	1109	1294	-	-	-
	BRG	-	-	1.5 / 3	1.5 / 3.4	2.2 / 5.5	3.1 / 7.7	3.8 / 9.6	4.7 / 11.7	5.6 / 14	6.5 / 16.3	-	-	-
21	LL	-	-	149	176	288	430	612	-	-	-	-	-	-
	TL	-	-	189	224	371	549	686	838	1004	1172	-	-	-
	BRG	-	-	1.5 / 3	1.5 / 3.1	2 / 5	2.9 / 7.3	3.7 / 9.2	4.5 / 11.2	5.3 / 13.4	6.2 / 15.6	-	-	-
22	LL	-	-	130	153	251	374	532	730	-	-	-	-	-
	TL	-	-	163	193	321	484	624	762	913	1066	-	-	-
	BRG	-	-	1.5 / 3	1.5 / 3	1.8 / 4.6	2.7 / 6.8	3.5 / 8.7	4.3 / 10.7	5.1 / 12.7	5.9 / 14.9	-	-	-
23	LL	-	-	134	219	327	466	639	-	-	-	-	-	-
	TL	-	-	168	280	422	569	696	833	973	-	-	-	-
	BRG	-	-	1.5 / 3	1.7 / 4.2	2.5 / 6.2	3.3 / 8.4	4.1 / 10.2	4.9 / 12.2	5.7 / 14.2	-	-	-	-
24	LL	-	-	193	288	410	563	749	-	-	-	-	-	-
	TL	-	-	245	370	522	637	764	892	-	-	-	-	-
	BRG	-	-	1.5 / 3.8	2.3 / 5.7	3.2 / 8	3.9 / 9.8	4.7 / 11.7	5.4 / 13.6	-	-	-	-	-
25	LL	-	-	171	255	363	498	663	-	-	-	-	-	-
	TL	-	-	215	325	467	586	702	820	-	-	-	-	-
	BRG	-	-	1.5 / 3.5	2.1 / 5.3	3 / 7.5	3.8 / 9.4	4.5 / 11.2	5.2 / 13.1	-	-	-	-	-
26	LL	-	-	152	227	323	443	589	753	-	-	-	-	-
	TL	-	-	190	288	414	540	648	757	-	-	-	-	-
	BRG	-	-	1.5 / 3.3	2 / 4.9	2.8 / 6.9	3.6 / 9	4.3 / 10.8	5 / 12.6	-	-	-	-	-
27	LL	-	-	136	202	288	395	526	672	-	-	-	-	-
	TL	-	-	168	255	368	500	599	700	-	-	-	-	-
	BRG	-	-	1.5 / 3	1.8 / 4.5	2.6 / 6.4	3.5 / 8.7	4.2 / 10.4	4.8 / 12.1	-	-	-	-	-
28	LL	-	-	122	181	258	354	472	603	-	-	-	-	-
	TL	-	-	149	227	328	454	556	650	-	-	-	-	-
	BRG	-	-	1.5 / 3	1.7 / 4.2	2.4 / 6	3.3 / 8.2	4 / 10	4.7 / 11.7	-	-	-	-	-
29	LL	-	-	163	232	319	424	543	-	-	-	-	-	-
	TL	-	-	203	294	407	517	604	-	-	-	-	-	-
	BRG	-	-	1.6 / 3.9	2.2 / 5.6	3.1 / 7.7	3.9 / 9.7	4.5 / 11.3	-	-	-	-	-	-
30	LL	-	-	147	210	288	383	490	-	-	-	-	-	-
	TL	-	-	182	264	366	482	563	-	-	-	-	-	-
	BRG	-	-	1.5 / 3.7	2.1 / 5.2	2.9 / 7.2	3.7 / 9.3	4.4 / 10.9	-	-	-	-	-	-

* Can be applied to the beam in addition to its own weight. Simple or multiple beam spans

Key to Table:

LL = Maximum live load – limits deflection to L/240

TL = Maximum total load – limits deflections to L/180 (or a maximum of 0.3125" for beams 7 1/4" deep or less)

BRG = Required end / intermediate bearing length (inches), based on bearing stress of 575 psi.

1.5E ALLOWABLE UNIFORM LOADS ROOF SNOW 115%

ALLOWABLE UNIFORM LOADS* – POUNDS PER LINEAL FOOT – 1 3/4" 1.5E PWLVL

Span (ft)	Key	Three 1 3/4" 1.5E PWLVL												
		3 1/2"	5 1/2"	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 7/8"	14"	16"	18"	20"	22"	23 7/8"
6	LL	289	1123	-	-	-	-	-	-	-	-	-	-	
	TL	297	1163	2031	2737	2831	3527	3793	4780	5841	7059	8474	10134	11977
	BRG	1.5 / 3	1.5 / 3	2 / 5.1	2.7 / 6.8	2.8 / 7.1	3.5 / 8.8	3.8 / 9.5	4.8 / 11.9	5.8 / 14.6	7 / 17.6	8.4 / 21.1	10.1 / 25.3	11.9 / 29.8
7	LL	-	-	-	-	-	-	-	-	-	-	-	-	
	TL	158	624	1437	2260	2335	2883	3090	3845	4636	5519	6512	7635	8830
	BRG	1.5 / 3	1.5 / 3	1.7 / 4.2	2.6 / 6.6	2.7 / 6.8	3.4 / 8.4	3.6 / 9	4.5 / 11.2	5.4 / 13.5	6.4 / 16.1	7.6 / 19	8.9 / 22.2	10.3 / 25.7
8	LL	-	-	-	-	-	-	-	-	-	-	-	-	
	TL	363	838	1924	1986	2437	2606	3215	3842	4529	5286	6122	6990	
	BRG	1.5 / 3	1.5 / 3	2.6 / 6.4	2.6 / 6.6	3.2 / 8.1	3.5 / 8.7	4.3 / 10.7	5.1 / 12.8	6 / 15.1	7 / 17.6	8.2 / 20.4	9.3 / 23.3	
9	LL	-	-	1583	1715	-	-	-	-	-	-	-	-	
	TL	224	519	1634	1719	2110	2252	2762	3279	3839	4447	5108	5783	
	BRG	1.5 / 3	1.5 / 3	2.5 / 6.1	2.6 / 6.5	3.2 / 7.9	3.4 / 8.5	4.1 / 10.4	4.9 / 12.3	5.8 / 14.4	6.7 / 16.7	7.7 / 19.1	8.7 / 21.7	
10	LL	-	-	1154	1250	-	-	-	-	-	-	-	-	
	TL	144	337	1322	1390	1860	1983	2420	2860	3331	3837	4381	4930	
	BRG	1.5 / 3	1.5 / 3	2.2 / 5.5	2.3 / 5.8	3.1 / 7.8	3.3 / 8.3	4 / 10.1	4.8 / 11.9	5.6 / 13.9	6.4 / 16	7.3 / 18.3	8.2 / 20.5	
11	LL	-	-	867	939	1560	-	-	-	-	-	-	-	
	TL	96	227	1090	1146	1576	1745	2153	2535	2941	3373	3834	4295	
	BRG	1.5 / 3	1.5 / 3	2 / 5	2.1 / 5.3	2.9 / 7.2	3.2 / 8	4 / 9.9	4.7 / 11.6	5.4 / 13.5	6.2 / 15.5	7 / 17.6	7.9 / 19.7	
12	LL	-	-	668	724	1202	1413	-	-	-	-	-	-	
	TL	158	878	952	1322	1464	1938	2276	2632	3009	3408	3804	-	
	BRG	1.5 / 3	1.8 / 4.4	1.9 / 4.8	2.7 / 6.6	2.9 / 7.4	3.9 / 9.7	4.6 / 11.4	5.3 / 13.2	6 / 15.1	6.8 / 17.1	7.6 / 19.1	-	
13	LL	-	-	525	569	945	-	-	-	-	-	-	-	
	TL	112	688	746	1124	1245	1698	2064	2381	2715	3066	3413	-	
	BRG	1.5 / 3	1.5 / 3.8	1.6 / 4.1	2.5 / 6.1	2.7 / 6.8	3.7 / 9.2	4.5 / 11.2	5.2 / 13	5.9 / 14.8	6.7 / 16.7	7.4 / 18.5	-	
14	LL	-	-	421	456	757	890	1458	-	-	-	-	-	
	TL	81	548	595	967	1071	1461	1880	2174	2473	2787	3095	-	
	BRG	1.5 / 3	1.5 / 3.3	1.5 / 3.5	2.3 / 5.7	2.5 / 6.3	3.4 / 8.6	4.4 / 11	5.1 / 12.7	5.8 / 14.5	6.5 / 16.3	7.3 / 18.1	-	
15	LL	-	-	342	370	615	724	1186	-	-	-	-	-	
	TL	443	481	805	931	1271	1635	1999	2270	2553	2830	2830	-	
	BRG	1.5 / 3	1.5 / 3.1	1.5 / 3.1	2 / 5.1	2.4 / 5.9	3.2 / 8	4.1 / 10.3	5 / 12.6	5.7 / 14.3	6.4 / 16	7.1 / 17.8	-	
16	LL	-	-	282	305	507	596	977	-	-	-	-	-	
	TL	363	394	661	779	1114	1434	1791	2098	2355	2607	-	-	
	BRG	1.5 / 3	1.5 / 3	1.8 / 4.5	2.1 / 5.3	3 / 7.5	3.9 / 9.6	4.8 / 12	5.6 / 14.1	6.3 / 15.8	7 / 17.5	-	-	
17	LL	-	-	235	254	423	497	815	1216	-	-	-	-	
	TL	301	326	548	647	985	1268	1584	1933	2186	2416	-	-	
	BRG	1.5 / 3	1.5 / 3	1.6 / 4	1.9 / 4.7	2.8 / 7.1	3.6 / 9.1	4.5 / 11.3	5.5 / 13.8	6.2 / 15.6	6.9 / 17.2	-	-	
18	LL	-	-	198	214	356	419	686	1024	-	-	-	-	
	TL	251	273	459	542	877	1129	1410	1721	2039	2250	-	-	
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.5	1.7 / 4.2	2.7 / 6.7	3.4 / 8.6	4.3 / 10.7	5.2 / 13	6.2 / 15.4	6.8 / 17	-	-	
19	LL	-	-	182	303	356	583	871	1240	-	-	-	-	
	TL	230	388	459	759	1011	1263	1542	1846	2106	-	-	-	
	BRG	1.5 / 3	1.5 / 3.2	1.5 / 3.7	2.4 / 6.1	3.2 / 8.1	4.1 / 10.1	4.9 / 12.3	5.9 / 14.8	6.7 / 16.8	-	-	-	
20	LL	-	-	260	305	500	747	1063	-	-	-	-	-	
	TL	331	391	648	910	1138	1389	1663	1941	-	-	-	-	
	BRG	1.5 / 3	1.5 / 3.4	2.2 / 5.5	3.1 / 7.7	3.8 / 9.6	4.7 / 11.7	5.6 / 14	6.5 / 16.3	-	-	-	-	
21	LL	-	-	224	264	432	645	918	-	-	-	-	-	
	TL	284	335	557	823	1030	1257	1506	1758	-	-	-	-	
	BRG	1.5 / 3	1.5 / 3.1	2 / 5	2.9 / 7.3	3.7 / 9.2	4.5 / 11.2	5.3 / 13.4	6.2 / 15.6	-	-	-	-	
22	LL	-	-	195	229	376	561	799	1096	-	-	-	-	
	TL	245	290	482	726	936	1143	1369	1599	-	-	-	-	
	BRG	1.5 / 3	1.5 / 3	1.8 / 4.6	2.7 / 6.8	3.5 / 8.7	4.3 / 10.7	5.1 / 12.7	5.9 / 14.9	-	-	-	-	
23	LL	-	-	201	329	491	699	959	-	-	-	-	-	
	TL	251	419	633	854	1043	1250	1460	-	-	-	-	-	
	BRG	1.5 / 3	1.7 / 4.2	2.5 / 6.2	3.3 / 8.4	4.1 / 10.2	4.9 / 12.2	5.7 / 14.2	-	-	-	-	-	
24	LL	-	-	289	432	615	844	1123	-	-	-	-	-	
	TL	367	554	782	956	1146	1338	-	-	-	-	-	-	
	BRG	1.5 / 3.8	2.3 / 5.7	3.2 / 8	3.9 / 9.8	4.7 / 11.7	5.4 / 13.6	-	-	-	-	-	-	
25	LL	-	-	256	382	544	747	994	-	-	-	-	-	
	TL	322	488	701	879	1054	1231	-	-	-	-	-	-	
	BRG	1.5 / 3.5	2.1 / 5.3	3 / 7.5	3.8 / 9.4	4.5 / 11.2	5.2 / 13.1	-	-	-	-	-	-	
26	LL	-	-	228	340	484	664	883	1129	-	-	-	-	
	TL	284	431	621	811	972	1135	-	-	-	-	-	-	
	BRG	1.5 / 3.3	2 / 4.9	2.8 / 6.9	3.6 / 9	4.3 / 10.8	5 / 12.6	-	-	-	-	-	-	
27	LL	-	-	203	303	432	593	789	1008	-	-	-	-	
	TL	252	383	552	750	899	1050	-	-	-	-	-	-	
	BRG	1.5 / 3	1.8 / 4.5	2.6 / 6.4	3.5 / 8.7	4.2 / 10.4	4.8 / 12.1	-	-	-	-	-	-	
28	LL	-	-	182	272	387	531	707	904	-	-	-	-	
	TL	224	341	492	681	834	974	-	-	-	-	-	-	
	BRG	1.5 / 3	1.7 / 4.2	2.4 / 6	3.3 / 8.2	4 / 10	4.7 / 11.7	-	-	-	-	-	-	
29	LL	-	-	245	349	478	637	814	-	-	-	-	-	
	TL	305	440	611	775	906	-	-	-	-	-	-	-	
	BRG	1.6 / 3.9	2.2 / 5.6	3.1 / 7.7	3.9 / 9.7	4.5 / 11.3	-	-	-	-	-	-	-	
30	LL	-	-	221	315	432	575	735	-	-	-	-	-	
	TL	273	395	549	722	845	-	-	-	-	-	-	-	
	BRG	1.5 / 3.7	2.1 / 5.2	2.9 / 7.2	3.7 / 9.3	4.4 / 10.9	-	-	-	-	-	-	-	

* Can be applied to the beam in addition to its own weight. Simple or multiple beam spans

Key to Table:

LL = Maximum live load – limits deflection to L/240

TL = Maximum total load – limits deflections to L/180 (or a maximum of 0.3125" for beams 7 1/4" deep or less)

BRG = Required end / intermediate bearing length (inches), based on bearing stress of 575 psi.