

# 2.0E ALLOWABLE UNIFORM LOADS ROOF SNOW 115%

**ALLOWABLE UNIFORM LOADS\* – POUNDS PER LINEAL FOOT – 1 3/4" 2.0E PWLV L**

Span (ft)	Key	One 1 3/4" 2.0E PWLV L							
		3 1/2"	5 1/2"	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 7/8"	14"
6	LL	129	499	-	-	-	-	-	-
	TL	132	518	878	1183	1224	1524	1640	2066
	BRG	1.5 / 3	1.5 / 3	1.8 / 4.4	2.4 / 6	2.5 / 6.2	3.1 / 7.7	3.3 / 8.3	4.2 / 10.4
7	LL	-	-	-	-	-	-	-	-
	TL	71	278	640	977	1009	1246	1336	1662
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.8	2.3 / 5.8	2.4 / 6	2.9 / 7.4	3.2 / 7.9	3.9 / 9.8
8	LL	-	-	-	-	-	-	-	-
	TL	-	162	374	832	859	1054	1127	1390
	BRG	-	1.5 / 3	1.5 / 3	2.2 / 5.6	2.3 / 5.8	2.8 / 7.1	3 / 7.6	3.8 / 9.4
9	LL	-	-	-	704	-	-	-	-
	TL	-	100	232	724	747	913	974	1194
	BRG	-	1.5 / 3	1.5 / 3	2.2 / 5.5	2.3 / 5.7	2.8 / 6.9	3 / 7.4	3.6 / 9.1
10	LL	-	-	-	513	556	-	-	-
	TL	-	65	151	621	651	805	858	1047
	BRG	-	1.5 / 3	1.5 / 3	2.1 / 5.3	2.2 / 5.5	2.7 / 6.8	2.9 / 7.3	3.5 / 8.8
11	LL	-	-	-	385	418	693	-	-
	TL	-	44	102	510	537	719	766	931
	BRG	-	1.5 / 3	1.5 / 3	1.9 / 4.8	2 / 5	2.7 / 6.7	2.9 / 7.1	3.5 / 8.7
12	LL	-	-	-	297	322	534	628	-
	TL	-	-	71	392	424	612	675	839
	BRG	-	-	1.5 / 3	1.6 / 4	1.7 / 4.3	2.5 / 6.2	2.7 / 6.9	3.4 / 8.5
13	LL	-	-	-	233	253	420	494	-
	TL	-	-	51	307	333	521	574	763
	BRG	-	-	1.5 / 3	1.5 / 3.4	1.5 / 3.7	2.3 / 5.7	2.5 / 6.3	3.4 / 8.4
14	LL	-	-	-	187	203	336	396	648
	TL	-	-	37	245	266	443	494	666
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3.2	2.1 / 5.3	2.4 / 5.9	3.2 / 7.9
15	LL	-	-	-	152	165	273	322	527
	TL	-	-	-	198	215	359	423	579
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.8 / 4.6	2.2 / 5.4	3 / 7.4
16	LL	-	-	-	125	136	225	265	434
	TL	-	-	-	163	177	295	348	508
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.6 / 4	1.9 / 4.8	2.8 / 6.9
17	LL	-	-	-	104	113	188	221	362
	TL	-	-	-	135	146	245	289	449
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.5 / 3.6	1.7 / 4.2	2.6 / 6.5
18	LL	-	-	-	88	95	158	186	305
	TL	-	-	-	113	123	206	243	400
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.5 / 3.2	1.5 / 3.8	2.5 / 6.2
19	LL	-	-	-	81	135	158	259	-
	TL	-	-	-	104	174	206	339	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3	1.5 / 3.4	2.2 / 5.5
20	LL	-	-	-	-	115	136	222	-
	TL	-	-	-	-	149	175	290	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3	2 / 5	-
21	LL	-	-	-	-	100	117	192	-
	TL	-	-	-	-	128	151	250	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3	1.8 / 4.5	-
22	LL	-	-	-	-	87	102	167	-
	TL	-	-	-	-	110	131	216	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3	1.6 / 4.1	-
23	LL	-	-	-	-	-	89	146	-
	TL	-	-	-	-	-	114	189	-
	BRG	-	-	-	-	-	1.5 / 3	1.5 / 3.8	-
24	LL	-	-	-	-	-	-	129	-
	TL	-	-	-	-	-	-	165	-
	BRG	-	-	-	-	-	-	1.5 / 3.5	-
25	LL	-	-	-	-	-	-	114	-
	TL	-	-	-	-	-	-	145	-
	BRG	-	-	-	-	-	-	1.5 / 3.2	-
26	LL	-	-	-	-	-	-	101	-
	TL	-	-	-	-	-	-	129	-
	BRG	-	-	-	-	-	-	1.5 / 3	-
27	LL	-	-	-	-	-	-	90	-
	TL	-	-	-	-	-	-	114	-
	BRG	-	-	-	-	-	-	1.5 / 3	-
28	LL	-	-	-	-	-	-	81	-
	TL	-	-	-	-	-	-	102	-
	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 850 psi.

# 2.0E ALLOWABLE UNIFORM LOADS ROOF SNOW 115%

## ALLOWABLE UNIFORM LOADS\* – POUNDS PER LINEAL FOOT – 1 3/4" 2.0E PWLVL

Span (ft)	Key	Two 1 3/4" 2.0E 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	257	998	-	-	-	-	-	-	-	-	-	-	-
	TL	265	1035	1756	2366	2447	3049	3279	4132	5049	6102	7323	8758	10350
	BRG	1.5 / 3	1.5 / 3	1.8 / 4.4	2.4 / 6	2.5 / 6.2	3.1 / 7.7	3.3 / 8.3	4.2 / 10.4	5.1 / 12.8	6.2 / 15.4	7.4 / 18.5	8.9 / 22.1	10.5 / 26.1
7	LL	-	-	-	-	-	-	-	-	-	-	-	-	-
	TL	141	556	1279	1954	2019	2493	2672	3324	4008	4772	5629	6599	7632
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.8	2.3 / 5.8	2.4 / 6	2.9 / 7.4	3.2 / 7.9	3.9 / 9.8	4.7 / 11.8	5.6 / 14.1	6.6 / 16.6	7.8 / 19.5	9 / 22.5
8	LL	-	-	-	-	-	-	-	-	-	-	-	-	-
	TL	324	747	1664	1718	2108	2254	2780	3323	3917	4570	5293	6043	-
	BRG	1.5 / 3	1.5 / 3	2.2 / 5.6	2.3 / 5.8	2.8 / 7.1	3 / 7.6	3.8 / 9.4	4.5 / 11.2	5.3 / 13.2	6.2 / 15.4	7.1 / 17.9	8.2 / 20.4	-
9	LL	-	-	1407	-	-	-	-	-	-	-	-	-	-
	TL	200	464	1449	1494	1825	1948	2389	2837	3321	3846	4417	5001	-
	BRG	1.5 / 3	1.5 / 3	2.2 / 5.5	2.3 / 5.7	2.8 / 6.9	3 / 7.4	3.6 / 9.1	4.3 / 10.8	5 / 12.6	5.8 / 14.6	6.7 / 16.8	7.6 / 19	-
10	LL	-	-	1026	1111	-	-	-	-	-	-	-	-	-
	TL	130	302	1241	1302	1609	1716	2093	2474	2882	3319	3789	4264	-
	BRG	1.5 / 3	1.5 / 3	2.1 / 5.3	2.2 / 5.5	2.7 / 6.8	2.9 / 7.3	3.5 / 8.8	4.2 / 10.5	4.9 / 12.2	5.6 / 14	6.4 / 16	7.2 / 18	-
11	LL	-	-	771	835	1387	-	-	-	-	-	-	-	-
	TL	87	204	1019	1075	1439	1532	1863	2193	2545	2918	3317	3716	-
	BRG	1.5 / 3	1.5 / 3	1.9 / 4.8	2 / 5	2.7 / 6.7	2.9 / 7.1	3.5 / 8.7	4.1 / 10.2	4.7 / 11.8	5.4 / 13.6	6.2 / 15.4	6.9 / 17.3	-
12	LL	-	-	594	643	1068	1256	-	-	-	-	-	-	-
	TL	142	783	849	1224	1350	1678	1970	2278	2604	2949	3292	-	-
	BRG	1.5 / 3	1.6 / 4	1.7 / 4.3	2.5 / 6.2	2.7 / 6.9	3.4 / 8.5	4 / 10	4.6 / 11.6	5.3 / 13.2	6 / 15	6.7 / 16.7	-	-
13	LL	-	-	467	506	840	988	-	-	-	-	-	-	-
	TL	102	614	666	1042	1148	1526	1787	2061	2350	2654	2954	-	-
	BRG	1.5 / 3	1.5 / 3.4	1.5 / 3.7	2.3 / 5.7	2.5 / 6.3	3.4 / 8.4	3.9 / 9.8	4.5 / 11.3	5.2 / 12.9	5.8 / 14.6	6.5 / 16.3	-	-
14	LL	-	-	374	405	673	791	1296	-	-	-	-	-	-
	TL	74	490	531	887	989	1332	1635	1882	2141	2412	2679	-	-
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.2	2.1 / 5.3	2.4 / 5.9	3.2 / 7.9	3.9 / 9.7	4.5 / 11.2	5.1 / 12.7	5.7 / 14.3	6.4 / 15.9	-	-
15	LL	-	-	304	329	547	643	1054	-	-	-	-	-	-
	TL	397	430	719	847	1158	1475	1732	1966	2211	2450	-	-	-
	BRG	1.5 / 3	1.5 / 3	1.8 / 4.6	2.2 / 5.4	3 / 7.4	3.8 / 9.4	4.4 / 11	5 / 12.5	5.6 / 14.1	6.2 / 15.6	-	-	-
16	LL	-	-	250	271	451	530	868	-	-	-	-	-	-
	TL	326	353	591	696	1016	1294	1602	1817	2040	2258	-	-	-
	BRG	1.5 / 3	1.5 / 3	1.6 / 4	1.9 / 4.8	2.8 / 6.9	3.5 / 8.8	4.4 / 10.9	4.9 / 12.3	5.5 / 13.8	6.1 / 15.3	-	-	-
17	LL	-	-	209	226	376	442	724	1081	-	-	-	-	-
	TL	270	293	491	578	899	1145	1417	1689	1894	2093	-	-	-
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.6	1.7 / 4.2	2.6 / 6.5	3.3 / 8.3	4.1 / 10.2	4.9 / 12.2	5.5 / 13.7	6 / 15.1	-	-	-
18	LL	-	-	176	191	316	372	610	910	-	-	-	-	-
	TL	226	245	412	485	800	1020	1262	1527	1767	1950	-	-	-
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.2	1.5 / 3.8	2.5 / 6.2	3.1 / 7.8	3.9 / 9.7	4.7 / 11.7	5.4 / 13.5	6 / 14.9	-	-	-
19	LL	-	-	162	269	316	519	774	1102	-	-	-	-	-
	TL	207	349	411	679	914	1131	1369	1627	1825	-	-	-	-
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.4	2.2 / 5.5	3 / 7.4	3.7 / 9.2	4.4 / 11.1	5.3 / 13.1	5.9 / 14.7	-	-	-	-
20	LL	-	-	231	271	445	664	945	-	-	-	-	-	-
	TL	297	351	580	823	1019	1234	1466	1700	-	-	-	-	-
	BRG	1.5 / 3	1.5 / 3	2 / 5	2.8 / 7	3.5 / 8.7	4.2 / 10.5	5 / 12.5	5.8 / 14.5	-	-	-	-	-
21	LL	-	-	199	234	384	573	816	-	-	-	-	-	-
	TL	255	302	499	745	923	1117	1328	1540	-	-	-	-	-
	BRG	1.5 / 3	1.5 / 3	1.8 / 4.5	2.7 / 6.7	3.3 / 8.3	4 / 10	4.8 / 11.9	5.5 / 13.8	-	-	-	-	-
22	LL	-	-	173	204	334	499	710	974	-	-	-	-	-
	TL	221	261	433	650	839	1016	1208	1401	-	-	-	-	-
	BRG	1.5 / 3	1.5 / 3	1.6 / 4.1	2.5 / 6.1	3.2 / 7.9	3.8 / 9.6	4.5 / 11.4	5.3 / 13.2	-	-	-	-	-
23	LL	-	-	178	292	436	621	852	-	-	-	-	-	-
	TL	227	377	567	767	928	1104	1280	-	-	-	-	-	-
	BRG	1.5 / 3	1.5 / 3.8	2.2 / 5.6	3 / 7.6	3.7 / 9.1	4.3 / 10.9	5 / 12.6	-	-	-	-	-	-
24	LL	-	-	257	384	547	750	998	-	-	-	-	-	-
	TL	330	498	703	851	1012	1174	-	-	-	-	-	-	-
	BRG	1.5 / 3.5	2.1 / 5.2	2.9 / 7.3	3.5 / 8.8	4.2 / 10.4	4.8 / 12.1	-	-	-	-	-	-	-
25	LL	-	-	228	340	484	664	883	-	-	-	-	-	-
	TL	291	439	629	783	931	1080	-	-	-	-	-	-	-
	BRG	1.5 / 3.2	1.9 / 4.8	2.7 / 6.8	3.4 / 8.4	4 / 10	4.6 / 11.6	-	-	-	-	-	-	-
26	LL	-	-	202	302	430	590	785	-	-	-	-	-	-
	TL	257	388	557	722	859	997	-	-	-	-	-	-	-
	BRG	1.5 / 3	1.8 / 4.4	2.5 / 6.3	3.2 / 8.1	3.8 / 9.6	4.5 / 11.1	-	-	-	-	-	-	-
27	LL	-	-	181	270	384	527	701	896	-	-	-	-	-
	TL	228	345	496	669	795	923	-	-	-	-	-	-	-
	BRG	1.5 / 3	1.6 / 4.1	2.3 / 5.8	3.1 / 7.8	3.7 / 9.2	4.3 / 10.7	-	-	-	-	-	-	-
28	LL	-	-	162	242	344	472	629	804	-	-	-	-	-
	TL	203	308	443	612	738	857	-	-	-	-	-	-	-
	BRG	1.5 / 3	1.5 / 3.8	2.2 / 5.4	3 / 7.4	3.6 / 8.9	4.1 / 10.3	-	-	-	-	-	-	-
29	LL	-	-	218	310	425	566	723	-	-	-	-	-	-
	TL	276	397	549	687	797	-	-	-	-	-	-	-	-
	BRG	1.5 / 3.5	2 / 5	2.8 / 6.9	3.4 / 8.6	4 / 10	-	-	-	-	-	-	-	-
30	LL	-	-	197	280	384	511	653	-	-	-	-	-	-
	TL	248	357	494	640	743	-	-	-	-	-	-	-	-
	BRG	1.5 / 3.3	1.9 / 4.7	2.6 / 6.5	3.3 / 8.3	3.9 / 9.6	-	-	-	-	-	-	-	-

\* 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 850 psi.

# 2.0E ALLOWABLE UNIFORM LOADS ROOF SNOW 115%

## ALLOWABLE UNIFORM LOADS\* – POUNDS PER LINEAL FOOT – 1 3/4" 2.0E PWLV L

Span (ft)	Key	Three 1 3/4" 2.0E PWLV L												
		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	386	1498	-	-	-	-	-	-	-	-	-	-	-
	TL	397	1553	2634	3549	3671	4573	4919	6198	7573	9152	10985	13137	15525
	BRG	1.5 / 3	1.5 / 3	1.8 / 4.4	2.4 / 6	2.5 / 6.2	3.1 / 7.7	3.3 / 8.3	4.2 / 10.4	5.1 / 12.8	6.2 / 15.4	7.4 / 18.5	8.9 / 22.1	10.5 / 26.1
7	LL	-	-	-	-	-	-	-	-	-	-	-	-	-
	TL	212	835	1919	2931	3028	3739	4008	4987	6012	7157	8444	9899	11449
	BRG	1.5 / 3	1.5 / 3	1.5 / 3.8	2.3 / 5.8	2.4 / 6	2.9 / 7.4	3.2 / 7.9	3.9 / 9.8	4.7 / 11.8	5.6 / 14.1	6.6 / 16.6	7.8 / 19.5	9 / 22.5
8	LL	-	-	-	-	-	-	-	-	-	-	-	-	-
	TL	-	486	1121	2496	2577	3161	3380	4170	4984	5875	6855	7939	9065
	BRG	-	1.5 / 3	1.5 / 3	2.2 / 5.6	2.3 / 5.8	2.8 / 7.1	3 / 7.6	3.8 / 9.4	4.5 / 11.2	5.3 / 13.2	6.2 / 15.4	7.1 / 17.9	8.2 / 20.4
9	LL	-	-	-	2111	-	-	-	-	-	-	-	-	-
	TL	-	301	696	2173	2242	2738	2922	3583	4255	4981	5769	6626	7501
	BRG	-	1.5 / 3	1.5 / 3	2.2 / 5.5	2.3 / 5.7	2.8 / 6.9	3 / 7.4	3.6 / 9.1	4.3 / 10.8	5 / 12.6	5.8 / 14.6	6.7 / 16.8	7.6 / 19
10	LL	-	-	-	1539	1667	-	-	-	-	-	-	-	-
	TL	-	195	453	1862	1954	2414	2573	3140	3711	4322	4978	5684	6396
	BRG	-	1.5 / 3	1.5 / 3	2.1 / 5.3	2.2 / 5.5	2.7 / 6.8	2.9 / 7.3	3.5 / 8.8	4.2 / 10.5	4.9 / 12.2	5.6 / 14	6.4 / 16	7.2 / 18
11	LL	-	-	-	1156	1253	2080	-	-	-	-	-	-	-
	TL	-	131	306	1529	1612	2158	2298	2794	3290	3817	4378	4976	5573
	BRG	-	1.5 / 3	1.5 / 3	1.9 / 4.8	2 / 5	2.7 / 6.7	2.9 / 7.1	3.5 / 8.7	4.1 / 10.2	4.7 / 11.8	5.4 / 13.6	6.2 / 15.4	6.9 / 17.3
12	LL	-	-	-	891	965	1602	1884	-	-	-	-	-	-
	TL	-	-	213	1175	1273	1836	2025	2517	2954	3417	3906	4424	4938
	BRG	-	-	1.5 / 3	1.6 / 4	1.7 / 4.3	2.5 / 6.2	2.7 / 6.9	3.4 / 8.5	4 / 10	4.6 / 11.6	5.3 / 13.2	6 / 15	6.7 / 16.7
13	LL	-	-	-	700	759	1260	1482	-	-	-	-	-	-
	TL	-	-	152	921	999	1562	1723	2289	2681	3092	3525	3981	4431
	BRG	-	-	1.5 / 3	1.5 / 3.4	1.5 / 3.7	2.3 / 5.7	2.5 / 6.3	3.4 / 8.4	3.9 / 9.8	4.5 / 11.3	5.2 / 12.9	5.8 / 14.6	6.5 / 16.3
14	LL	-	-	-	561	608	1009	1187	1944	-	-	-	-	-
	TL	-	-	111	735	797	1330	1483	1997	2453	2823	3212	3619	4019
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3.2	2.1 / 5.3	2.4 / 5.9	3.2 / 7.9	3.9 / 9.7	4.5 / 11.2	5.1 / 12.7	5.7 / 14.3	6.4 / 15.9
15	LL	-	-	-	456	494	820	965	1581	-	-	-	-	-
	TL	-	-	-	595	646	1078	1270	1737	2212	2597	2949	3316	3676
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.8 / 4.6	2.2 / 5.4	3 / 7.4	3.8 / 9.4	4.4 / 11	5 / 12.5	5.6 / 14.1	6.2 / 15.6
16	LL	-	-	-	376	407	676	795	1303	-	-	-	-	-
	TL	-	-	-	488	530	886	1044	1525	1941	2402	2726	3060	3386
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.6 / 4	1.9 / 4.8	2.8 / 6.9	3.5 / 8.8	4.4 / 10.9	4.9 / 12.3	5.5 / 13.8	6.1 / 15.3
17	LL	-	-	-	313	339	564	663	1086	1621	-	-	-	-
	TL	-	-	-	405	439	736	867	1348	1717	2125	2534	2841	3139
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.5 / 3.6	1.7 / 4.2	2.6 / 6.5	3.3 / 8.3	4.1 / 10.2	4.9 / 12.2	5.5 / 13.7	6 / 15.1
18	LL	-	-	-	264	286	475	558	915	1366	-	-	-	-
	TL	-	-	-	339	368	618	728	1201	1529	1893	2291	2650	2925
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.5 / 3.2	1.5 / 3.8	2.5 / 6.2	3.1 / 7.8	3.9 / 9.7	4.7 / 11.7	5.4 / 13.5	6 / 14.9
19	LL	-	-	-	243	404	475	778	1161	1653	-	-	-	-
	TL	-	-	-	311	523	617	1018	1370	1696	2053	2440	2738	-
	BRG	-	-	-	1.5 / 3	1.5 / 3	1.5 / 3.4	2.2 / 5.5	3 / 7.4	3.7 / 9.2	4.4 / 11.1	5.3 / 13.1	5.9 / 14.7	-
20	LL	-	-	-	346	407	667	996	1418	-	-	-	-	-
	TL	-	-	-	-	446	526	870	1235	1529	1850	2199	2550	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3	2 / 5	2.8 / 7	3.5 / 8.7	4.2 / 10.5	5 / 12.5	5.8 / 14.5	-
21	LL	-	-	-	299	352	576	860	1224	-	-	-	-	-
	TL	-	-	-	-	383	453	749	1118	1384	1676	1992	2310	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3	1.8 / 4.5	2.7 / 6.7	3.3 / 8.3	4 / 10	4.8 / 11.9	5.5 / 13.8	-
22	LL	-	-	-	260	306	501	748	1065	1461	-	-	-	-
	TL	-	-	-	-	331	392	649	975	1259	1524	1812	2102	-
	BRG	-	-	-	-	1.5 / 3	1.5 / 3	1.6 / 4.1	2.5 / 6.1	3.2 / 7.9	3.8 / 9.6	4.5 / 11.4	5.3 / 13.2	-
23	LL	-	-	-	-	268	439	655	932	1279	-	-	-	-
	TL	-	-	-	-	341	566	851	1150	1392	1655	1920	-	-
	BRG	-	-	-	-	-	1.5 / 3	1.5 / 3.8	2.2 / 5.6	3 / 7.6	3.7 / 9.1	4.3 / 10.9	5 / 12.6	-
24	LL	-	-	-	-	-	-	386	576	820	1125	1498	-	-
	TL	-	-	-	-	-	-	496	746	1054	1277	1518	1761	-
	BRG	-	-	-	-	-	-	1.5 / 3.5	2.1 / 5.2	2.9 / 7.3	3.5 / 8.8	4.2 / 10.4	4.8 / 12.1	-
25	LL	-	-	-	-	-	-	341	510	726	996	1325	-	-
	TL	-	-	-	-	-	-	436	658	943	1174	1397	1620	-
	BRG	-	-	-	-	-	-	1.5 / 3.2	1.9 / 4.8	2.7 / 6.8	3.4 / 8.4	4 / 10	4.6 / 11.6	-
26	LL	-	-	-	-	-	-	304	453	645	885	1178	-	-
	TL	-	-	-	-	-	-	386	582	836	1084	1289	1496	-
	BRG	-	-	-	-	-	-	1.5 / 3	1.8 / 4.4	2.5 / 6.3	3.2 / 8.1	3.8 / 9.6	4.5 / 11.1	-
27	LL	-	-	-	-	-	-	271	405	576	790	1052	1344	-
	TL	-	-	-	-	-	-	342	518	744	1003	1193	1384	-
	BRG	-	-	-	-	-	-	1.5 / 3	1.6 / 4.1	2.3 / 5.8	3.1 / 7.8	3.7 / 9.2	4.3 / 10.7	-
28	LL	-	-	-	-	-	-	243	363	517	709	943	1205	-
	TL	-	-	-	-	-	-	305	462	664	918	1107	1285	-
	BRG	-	-	-	-	-	-	1.5 / 3	1.5 / 3.8	2.2 / 5.4	3 / 7.4	3.6 / 8.9	4.1 / 10.3	-
29	LL	-	-	-	-	-	-	-	327	465	638	849	1085	-
	TL	-	-	-	-	-	-	-	414	595	823	1030	1196	-
	BRG	-	-	-	-	-	-	-	1.5 / 3.5	2 / 5	2.8 / 6.9	3.4 / 8.6	4 / 10	-
30	LL	-	-	-	-	-	-	-	295	420	576	767	980	-
	TL	-	-	-	-	-	-	-	371	535	741	961	1115	-
	BRG	-	-	-	-	-	-	-	1.5 / 3.3	1.9 / 4.7	2.6 / 6.5	3.3 / 8.3	3.9 / 9.6	-

\* 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 850 psi.