

1.5E BEAM ALLOWABLE UNIFORM LOADS FLOOR 100%

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

Span (ft)	Key	One 1 3/4" 1.5E PWLVL							
		3 1/4"	5 1/2"	7 1/4"	9 1/4"	9 1/2"	11 1/4"	11 7/8"	14"
6	LL	64	250	572	-	-	-	-	-
	TL	95	372	588	793	820	1022	1099	1385
	BRG	1.5 / 3	1.5 / 3	1.8 / 4.4	2.4 / 5.9	2.5 / 6.1	3.1 / 7.7	3.3 / 8.2	4.1 / 10.4
7	LL	41	157	360	-	-	-	-	-
	TL	53	208	479	655	676	835	895	1114
	BRG	1.5 / 3	1.5 / 3	1.7 / 4.2	2.3 / 5.7	2.4 / 5.9	2.9 / 7.3	3.1 / 7.8	3.9 / 9.7
8	LL	-	105	241	501	543	-	-	-
	TL	-	121	279	557	575	706	755	931
	BRG	-	1.5 / 3	1.5 / 3	2.2 / 5.6	2.3 / 5.8	2.8 / 7.1	3 / 7.6	3.7 / 9.3
9	LL	-	74	169	352	381	-	-	-
	TL	-	75	173	473	498	611	652	800
	BRG	-	1.5 / 3	1.5 / 3	2.1 / 5.3	2.2 / 5.6	2.8 / 6.9	2.9 / 7.4	3.6 / 9
10	LL	-	-	256	278	278	461	543	-
	TL	-	48	112	381	402	538	574	701
	BRG	-	1.5 / 3	1.5 / 3	1.9 / 4.8	2 / 5.1	2.7 / 6.8	2.9 / 7.2	3.5 / 8.8
11	LL	-	-	193	209	209	347	408	-
	TL	-	32	76	285	309	456	505	623
	BRG	-	1.5 / 3	1.5 / 3	1.6 / 3.9	1.7 / 4.3	2.5 / 6.3	2.8 / 7	3.4 / 8.6
12	LL	-	-	148	161	161	267	314	515
	TL	-	-	53	218	237	383	424	561
	BRG	-	-	1.5 / 3	1.5 / 3.3	1.5 / 3.6	2.3 / 5.8	2.6 / 6.4	3.4 / 8.5
13	LL	-	-	117	126	126	210	247	405
	TL	-	-	37	171	185	310	360	491
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3.1	2 / 5.1	2.4 / 5.9	3.2 / 8
14	LL	-	-	93	101	101	168	198	324
	TL	-	-	27	136	148	247	291	423
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.8 / 4.4	2.1 / 5.2	3 / 7.5
15	LL	-	-	76	82	82	137	161	263
	TL	-	-	110	110	119	200	236	367
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.8	1.8 / 4.5	2.8 / 7
16	LL	-	-	63	68	68	113	132	217
	TL	-	-	90	97	97	164	193	319
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.4	1.6 / 4	2.6 / 6.5
17	LL	-	-	52	57	57	94	110	181
	TL	-	-	74	81	81	136	160	265
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.5	2.3 / 5.7
18	LL	-	-	44	48	48	79	93	152
	TL	-	-	62	67	67	114	134	222
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.1	2 / 5.1
19	LL	-	-	41	41	41	67	79	130
	TL	-	-	56	56	56	96	113	188
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.8 / 4.6
20	LL	-	-	58	58	58	81	96	160
	TL	-	-	81	81	81	119	139	229
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.7 / 4.1
21	LL	-	-	50	50	50	70	82	138
	TL	-	-	70	70	70	100	118	198
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.8
22	LL	-	-	43	43	43	60	71	119
	TL	-	-	60	60	60	82	96	164
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.4
23	LL	-	-	45	45	45	62	73	123
	TL	-	-	62	62	62	84	100	170
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.1
24	LL	-	-	64	64	64	88	104	176
	TL	-	-	90	90	90	120	144	240
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3
25	LL	-	-	57	57	57	79	93	156
	TL	-	-	79	79	79	105	126	210
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3
26	LL	-	-	51	51	51	69	82	138
	TL	-	-	70	70	70	93	111	186
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3
27	LL	-	-	45	45	45	61	72	123
	TL	-	-	61	61	61	81	96	164
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3
28	LL	-	-	41	41	41	54	64	109
	TL	-	-	54	54	54	72	86	146
	BRG	-	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3	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.

2 plies minimum for depths greater than 14 inches.

Wax-based sealer applied to mitigate moisture issues associated with wood products during storage and construction.

Key to Table:

LL = Maximum live load – limits deflection to L/360

TL = Maximum total load – limits deflections to L/240 (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.

1.5E BEAM ALLOWABLE UNIFORM LOADS FLOOR 100%

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

Span (ft)	Key	Two 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"	24"
6	LL	129	499	1143										
	TL	190	744	1176	1585	1640	2043	2197	2769	3384	4090	4910	5872	6940
	BRG	1.5 / 3	1.5 / 3	1.8 / 4.4	2.4 / 5.9	2.5 / 6.1	3.1 / 7.7	3.3 / 8.2	4.1 / 10.4	5.1 / 12.7	6.1 / 15.3	7.3 / 18.4	8.8 / 22	10.4 / 25.9
7	LL	81	314	720										
	TL	105	416	958	1309	1352	1670	1790	2227	2686	3198	3773	4423	5116
	BRG	1.5 / 3	1.5 / 3	1.7 / 4.2	2.3 / 5.7	2.4 / 5.9	2.9 / 7.3	3.1 / 7.8	3.9 / 9.7	4.7 / 11.7	5.6 / 14	6.6 / 16.5	7.7 / 19.3	8.9 / 22.3
8	LL	211	482	1002	1085									
	TL	242	559	1114	1150	1411	1509	1862	2225	2624	3062	3546	4049	
	BRG	1.5 / 3	1.5 / 3	2.2 / 5.6	2.3 / 5.8	2.8 / 7.1	3 / 7.6	3.7 / 9.3	4.5 / 11.1	5.2 / 13.1	6.1 / 15.3	7.1 / 17.7	8.1 / 20.2	
9	LL	148	339	704	762									
	TL	149	346	946	995	1222	1304	1599	1899	2224	2575	2958	3350	
	BRG	1.5 / 3	1.5 / 3	2.1 / 5.3	2.2 / 5.6	2.8 / 6.9	2.9 / 7.4	3.6 / 9	4.3 / 10.7	5 / 12.5	5.8 / 14.5	6.7 / 16.6	7.5 / 18.8	
10	LL	-	-	513	556	923	1085							
	TL	96	225	761	804	1077	1148	1401	1656	1929	2222	2537	2855	
	BRG	1.5 / 3	1.5 / 3	1.9 / 4.8	2 / 5.1	2.7 / 6.8	2.9 / 7.2	3.5 / 8.8	4.2 / 10.4	4.8 / 12.1	5.6 / 13.9	6.4 / 15.9	7.1 / 17.9	
11	LL	-	-	385	418	693	815							
	TL	64	152	570	618	912	1010	1246	1468	1703	1953	2220	2487	
	BRG	1.5 / 3	1.5 / 3	1.6 / 3.9	1.7 / 4.3	2.5 / 6.3	2.8 / 7	3.4 / 8.6	4.1 / 10.1	4.7 / 11.7	5.4 / 13.5	6.1 / 15.3	6.9 / 17.1	
12	LL	-	-	297	322	534	628	1029						
	TL	-	105	437	474	765	847	1122	1317	1524	1742	1973	2202	
	BRG	-	1.5 / 3	1.5 / 3.3	1.5 / 3.6	2.3 / 5.8	2.6 / 6.4	3.4 / 8.5	4 / 9.9	4.6 / 11.5	5.2 / 13.1	5.9 / 14.9	6.6 / 16.6	
13	LL	-	-	233	253	420	494	810						
	TL	-	74	342	371	620	720	983	1195	1378	1571	1775	1976	
	BRG	-	1.5 / 3	1.5 / 3	1.5 / 3.1	2 / 5.1	2.4 / 5.9	3.2 / 8	3.9 / 9.8	4.5 / 11.3	5.1 / 12.8	5.8 / 14.5	6.5 / 16.1	
14	LL	-	-	187	203	336	396	648	967					
	TL	-	54	272	295	494	583	846	1088	1258	1431	1613	1791	
	BRG	-	1.5 / 3	1.5 / 3	1.5 / 3	1.8 / 4.4	2.1 / 5.2	3 / 7.5	3.8 / 9.6	4.4 / 11.1	5 / 12.6	5.7 / 14.2	6.3 / 15.8	
15	LL	-	-	152	165	273	322	527	787	1120				
	TL	-	220	238	400	472	735	946	1157	1314	1477	1638		
	BRG	-	1.5 / 3	1.5 / 3	1.5 / 3.8	1.8 / 4.5	2.8 / 7	3.6 / 8.9	4.4 / 10.9	5 / 12.4	5.6 / 14	6.2 / 15.5		
16	LL	-	-	125	136	225	265	434	648	923				
	TL	-	179	195	328	387	639	830	1036	1214	1363	1508		
	BRG	-	1.5 / 3	1.5 / 3	1.5 / 3.4	1.6 / 4	2.6 / 6.5	3.4 / 8.4	4.2 / 10.5	4.9 / 12.2	5.5 / 13.7	6.1 / 15.2		
17	LL	-	-	104	113	188	221	362	540	769	1055			
	TL	-	148	161	272	321	530	733	916	1118	1265	1398		
	BRG	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.5	2.3 / 5.7	3.2 / 7.9	3.9 / 9.8	4.8 / 12	5.4 / 13.6	6 / 15		
18	LL	-	-	88	95	158	186	305	455	648	889			
	TL	-	124	134	227	268	445	652	815	995	1179	1302		
	BRG	-	1.5 / 3	1.5 / 3	1.5 / 3	1.5 / 3.1	2 / 5.1	3 / 7.5	3.7 / 9.3	4.5 / 11.3	5.4 / 13.4	5.9 / 14.8		
19	LL	-	-	81	135	158	259	387	551	756	1006			
	TL	-	113	192	227	376	566	730	891	1068	1218			
	BRG	-	1.5 / 3	1.5 / 3	1.5 / 3	1.8 / 4.6	2.7 / 6.9	3.5 / 8.8	4.3 / 10.7	5.1 / 12.8	5.9 / 14.6			
20	LL	-	-	115	136	222	332	473	648	863	1103			
	TL	-	163	193	321	483	657	803	961	1122				
	BRG	-	1.5 / 3	1.5 / 3	1.7 / 4.1	2.5 / 6.2	3.3 / 8.4	4.1 / 10.2	4.9 / 12.2	5.7 / 14.2				
21	LL	-	-	100	117	192	287	408	560	745	952			
	TL	-	139	165	275	415	595	726	870	1016				
	BRG	-	1.5 / 3	1.5 / 3	1.5 / 3.8	2.2 / 5.6	3.2 / 8	3.9 / 9.7	4.6 / 11.6	5.4 / 13.5				
22	LL	-	-	87	102	167	249	355	487	648	828			
	TL	-	120	142	238	359	516	660	791	924				
	BRG	-	1.5 / 3	1.5 / 3	1.5 / 3.4	2 / 5.1	2.9 / 7.3	3.7 / 9.3	4.4 / 11.1	5.2 / 12.9				
23	LL	-	-	89	146	218	311	426	567	725				
	TL	-	123	207	313	450	602	722	843					
	BRG	-	1.5 / 3.1	1.9 / 4.7	2.7 / 6.7	3.5 / 8.9	4.2 / 10.6	4.9 / 12.4						
24	LL	-	-	129	192	273	375	499	638					
	TL	-	180	274	394	544	662	773						
	BRG	-	1.5 / 3	1.7 / 4.3	2.4 / 6.1	3.4 / 8.4	4.1 / 10.2	4.7 / 11.8						
25	LL	-	-	114	170	242	332	442	565					
	TL	-	158	240	347	480	608	711						
	BRG	-	1.5 / 3	1.6 / 4	2.3 / 5.6	3.1 / 7.7	3.9 / 9.8	4.5 / 11.4						
26	LL	-	-	101	151	215	295	393	502					
	TL	-	139	212	306	424	561	655						
	BRG	-	1.5 / 3	1.5 / 3.7	2.1 / 5.2	2.9 / 7.1	3.8 / 9.4	4.4 / 10.9						
27	LL	-	-	90	135	192	263	351	448					
	TL	-	123	188	272	377	506	606						
	BRG	-	1.5 / 3	1.5 / 3.4	1.9 / 4.8	2.7 / 6.6	3.5 / 8.8	4.2 / 10.5						
28	LL	-	-	81	121	172	236	314	402					
	TL	-	109	167	242	336	452	562						
	BRG	-	1.5 / 3	1.5 / 3.2	1.8 / 4.5	2.5 / 6.2	3.3 / 8.2	4.1 / 10.2						
29	LL	-	-	109	155	213	283	362						
	TL	-	149	216	301	404	521							
	BRG	-	1.5 / 3	1.7 / 4.2	2.3 / 5.7	3.1 / 7.6	3.9 / 9.8							
30	LL	-	-	98	140	192	256	327						
	TL	-	133	194	270	363	468							
	BRG	-	1.5 / 3	1.6 / 3.9	2.1 / 5.4	2.9 / 7.1	3.7 / 9.1							

* 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/360
- TL = Maximum total load – limits deflections to L/240 (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 BEAM ALLOWABLE UNIFORM LOADS FLOOR 100%

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"	24"
6	LL	193	749	1715	-	-	-	-	-	-	-	-	-	
	TL	285	1116	1765	2378	2460	3065	3296	4154	5076	6135	7365	8808	10410
	BRG	1.5/3	1.5/3	1.8/4.4	2.4/5.9	2.5/6.1	3.1/7.7	3.3/8.2	4.1/10.4	5.1/12.7	6.1/15.3	7.3/18.4	8.8/22	10.4/25.9
7	LL	122	472	1080	-	-	-	-	-	-	-	-	-	-
	TL	158	624	1437	1964	2028	2505	2685	3341	4029	4796	5659	6635	7674
	BRG	1.5/3	1.5/3	1.7/4.2	2.3/5.7	2.4/5.9	2.9/7.3	3.1/7.8	3.9/9.7	4.7/11.7	5.6/14	6.6/16.5	7.7/19.3	8.9/22.3
8	LL	-	316	724	1503	1628	-	-	-	-	-	-	-	-
	TL	-	363	838	1672	1725	2117	2264	2793	3338	3935	4593	5319	6074
	BRG	-	1.5/3	1.5/3	2.2/5.6	2.3/5.8	2.8/7.1	3/7.6	3.7/9.3	4.5/11.1	5.2/13.1	6.1/15.3	7.1/17.7	8.1/20.2
9	LL	-	222	508	1056	1143	-	-	-	-	-	-	-	-
	TL	-	224	519	1420	1493	1833	1956	2399	2849	3335	3863	4438	5024
	BRG	-	1.5/3	1.5/3	2.1/5.3	2.2/5.6	2.8/6.9	2.9/7.4	3.6/9	4.3/10.7	5/12.5	5.8/14.5	6.7/16.6	7.5/18.8
10	LL	-	-	-	769	834	1384	1628	-	-	-	-	-	-
	TL	-	144	337	1142	1207	1615	1722	2102	2484	2893	3333	3805	4282
	BRG	-	1.5/3	1.5/3	1.9/4.8	2/5.1	2.7/6.8	2.9/7.2	3.5/8.8	4.2/10.4	4.8/12.1	5.6/13.9	6.4/15.9	7.1/17.9
11	LL	-	-	-	578	626	1040	1223	-	-	-	-	-	-
	TL	-	96	227	855	926	1369	1515	1869	2201	2554	2930	3330	3730
	BRG	-	1.5/3	1.5/3	1.6/3.9	1.7/4.3	2.5/6.3	2.8/7	3.4/8.6	4.1/10.1	4.7/11.7	5.4/13.5	6.1/15.3	6.9/17.1
12	LL	-	-	-	445	482	801	942	1544	-	-	-	-	-
	TL	-	-	158	655	711	1148	1271	1683	1976	2285	2613	2959	3304
	BRG	-	-	1.5/3	1.5/3.3	1.5/3.6	2.3/5.8	2.6/6.4	3.4/8.5	4/9.9	4.6/11.5	5.2/13.1	5.9/14.9	6.6/16.6
13	LL	-	-	-	350	379	630	741	1214	-	-	-	-	-
	TL	-	-	112	513	556	930	1080	1474	1792	2068	2357	2662	2964
	BRG	-	-	1.5/3	1.5/3	1.5/3.1	2/5.1	2.4/5.9	3.2/8	3.9/9.8	4.5/11.3	5.1/12.8	5.8/14.5	6.5/16.1
14	LL	-	-	-	280	304	504	592	972	-	-	-	-	-
	TL	-	-	81	408	443	741	874	1268	1632	1887	2147	2419	2687
	BRG	-	-	1.5/3	1.5/3	1.5/3	1.8/4.4	2.1/5.2	3/7.5	3.8/9.6	4.4/11.1	5/12.6	5.7/14.2	6.3/15.8
15	LL	-	-	-	228	247	410	482	790	-	-	-	-	-
	TL	-	-	-	329	358	600	707	1102	1419	1735	1971	2216	2457
	BRG	-	-	-	1.5/3	1.5/3	1.5/3.8	1.8/4.5	2.8/7	3.6/8.9	4.4/10.9	5/12.4	5.6/14	6.2/15.5
16	LL	-	-	-	188	204	338	397	651	972	1384	-	-	-
	TL	-	-	-	269	292	492	580	958	1244	1554	1821	2044	2262
	BRG	-	-	-	1.5/3	1.5/3	1.5/3.4	1.6/4	2.6/6.5	3.4/8.4	4.2/10.5	4.9/12.2	5.5/13.7	6.1/15.2
17	LL	-	-	-	157	170	282	331	543	811	1154	1583	-	-
	TL	-	-	-	222	242	407	481	795	1100	1374	1677	1897	2096
	BRG	-	-	-	1.5/3	1.5/3	1.5/3	1.5/3.5	2.3/5.7	3.2/7.9	3.9/9.8	4.8/12	5.4/13.6	6/15
18	LL	-	-	-	132	143	237	279	457	683	972	1334	-	-
	TL	-	-	-	185	201	341	403	667	979	1223	1493	1769	1953
	BRG	-	-	-	1.5/3	1.5/3	1.5/3	1.5/3.1	2/5.1	3/7.5	3.7/9.3	4.5/11.3	5.4/13.4	5.9/14.8
19	LL	-	-	-	122	202	237	389	581	827	1134	1509	-	-
	TL	-	-	-	169	287	340	564	849	1095	1337	1601	1827	-
	BRG	-	-	-	-	1.5/3	1.5/3	1.5/3	1.8/4.6	2.7/6.9	3.5/8.8	4.3/10.7	5.1/12.8	5.9/14.6
20	LL	-	-	-	173	204	333	498	709	972	1294	1654	-	-
	TL	-	-	-	244	289	481	725	986	1204	1442	1684	-	-
	BRG	-	-	-	-	1.5/3	1.5/3	1.7/4.1	2.5/6.2	3.3/8.4	4.1/10.2	4.9/12.2	5.7/14.2	-
21	LL	-	-	-	149	176	288	430	612	840	1118	1429	-	-
	TL	-	-	-	209	247	413	623	892	1090	1305	1524	-	-
	BRG	-	-	-	-	1.5/3	1.5/3	1.5/3.8	2.2/5.6	3.2/8	3.9/9.7	4.6/11.6	5.4/13.5	-
22	LL	-	-	-	130	153	251	374	532	730	972	1243	-	-
	TL	-	-	-	180	213	357	539	774	990	1187	1386	-	-
	BRG	-	-	-	-	1.5/3	1.5/3	1.5/3.4	2/5.1	2.9/7.3	3.7/9.3	4.4/11.1	5.2/12.9	-
23	LL	-	-	-	134	219	327	466	639	851	1087	-	-	-
	TL	-	-	-	185	310	469	674	904	1083	1265	-	-	-
	BRG	-	-	-	-	1.5/3	1.5/3.1	1.9/4.7	2.7/6.7	3.5/8.9	4.2/10.6	4.9/12.4	-	-
24	LL	-	-	-	193	288	410	563	749	957	-	-	-	-
	TL	-	-	-	270	410	591	817	992	1159	-	-	-	-
	BRG	-	-	-	-	1.5/3	1.7/4.3	2.4/6.1	3.4/8.4	4.1/10.2	4.7/11.8	-	-	-
25	LL	-	-	-	171	255	363	498	663	847	-	-	-	-
	TL	-	-	-	237	360	520	719	912	1066	-	-	-	-
	BRG	-	-	-	-	1.5/3	1.6/4	2.3/5.6	3.1/7.7	3.9/9.8	4.5/11.4	-	-	-
26	LL	-	-	-	152	227	323	443	589	753	-	-	-	-
	TL	-	-	-	209	318	459	636	841	983	-	-	-	-
	BRG	-	-	-	-	1.5/3	1.5/3.7	2.1/5.2	2.9/7.1	3.8/9.4	4.4/10.9	-	-	-
27	LL	-	-	-	136	202	288	395	526	672	-	-	-	-
	TL	-	-	-	184	282	408	565	759	909	-	-	-	-
	BRG	-	-	-	-	1.5/3	1.5/3.4	1.9/4.8	2.7/6.6	3.5/8.8	4.2/10.5	-	-	-
28	LL	-	-	-	122	181	258	354	472	603	-	-	-	-
	TL	-	-	-	163	250	363	504	677	843	-	-	-	-
	BRG	-	-	-	-	1.5/3	1.5/3.2	1.8/4.5	2.5/6.2	3.3/8.2	4.1/10.2	-	-	-
29	LL	-	-	-	163	232	319	424	543	-	-	-	-	-
	TL	-	-	-	223	324	451	607	781	-	-	-	-	-
	BRG	-	-	-	-	1.5/3	1.7/4.2	2.3/5.7	3.1/7.6	3.9/9.8	-	-	-	-
30	LL	-	-	-	147	210	288	383	490	-	-	-	-	-
	TL	-	-	-	199	290	405	545	702	-	-	-	-	-
	BRG	-	-	-	-	1.5/3	1.6/3.9	2.1/5.4	2.9/7.1	3.7/9.1	-	-	-	-

* 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/360

TL = Maximum total load – limits deflections to L/240 (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.