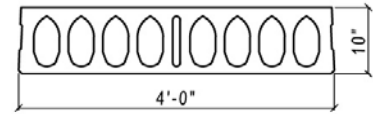




Ultralight Load Table

10" Thick

1.0" Strand Cover



No Structural Topping Dead Load Weight of Slab = 67 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 3 hours				
Section Properties					
A=277 in ²	Yt=4.83 in	b=14.6 in			
I=3238 in ⁴	Yb=5.17 in	wt=67 psf			
ϕM_n ft-k/ft	29.09	38.12	46.75	53.23	63.64
Series	1.0E-10706	1.0E-10708	1.0E-10710	1.0E-10808	1.0E-10810
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
	16	489			
17	439	489			
18	398	444			
19	352	404	440		
20	313	369	401		
21	279	341	369	394	417
22	250	315	342	364	395
23	225	291	314	337	375
24	202	273	294	310	351
25	182	252	271	290	324
26	165	232	256	269	303
27	149	211	237	252	281
28	135	193	225	236	264
29	123	176	210	222	246
30	111	161	200	208	232
31	101	148	188	198	217
32	92	136	177	185	206
33	83	125	164	177	197
34	75	115	152	167	185
35		105	140	156	173
36		97	130	145	165
37		89	120	134	157
38		82	111	124	148
39		75	103	115	138
40			95	107	128
41			88	99	118
42			81	92	110
43			75	85	103
44				79	96
45				73	89
46				68	83
47					78
48					72

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 92 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 4 hours				
Section Properties					
A=362 in ²	Yt=5.46 in	b=14.6 in			
I=5473 in ⁴	Yb=6.54 in	wt=92 psf			
ϕM_n ft-k/ft	35.34	46.14	56.35	64.3	77.95
Series	1.0E-10706T	1.0E-10708T	1.0E-10710T	1.0E-10808T	1.0E-10810T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
	18	470			
19	421	442			
20	373	416			
21	332	393			
22	296	372			
23	265	353			
24	238	331			
25	214	300	319		
26	193	272	304		
27	174	247	290		
28	157	225	272	276	
29	141	205	258	264	
30	127	187	239	253	
31		171	224	238	243
32		156	206	226	233
33		143	190	211	224
34		130	173	195	215
35			157	178	207
36			143	162	195
37			130	148	181
38			117	135	165
39				123	152
40				112	139
41				102	128
42					117
43					107
44					98
45					90

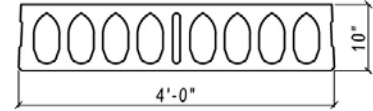
Concrete Strength: 6,000 psi at 28 days
 Prestress Strands: 3/8", 7/16", 1/2" special, 270 ksi Lo-Lax

 Camber 1"-1 1/2"
 Camber > 1 1/2"

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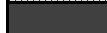
Ultralight Load Table 10" Thick 1.63" Strand Cover



No Structural Topping Dead Load Weight of Slab = 67 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 3 hours				
Section Properties					
A=277 in ²	Yt=4.83 in	b=14.6 in			
I=3238 in ⁴	Yb=5.17 in	wt=67 psf			
ϕM_n ft-k/ft	26.94	35.21	43.1	48.97	58.3
Series	1.63E-10706	1.63E-10708	1.63E-10710	1.63E-10808	1.63E-10810
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
16	453				
17	409	456	499		
18	365	412	451	460	
19	323	374	408	432	
20	286	343	373	396	406
21	255	317	344	361	384
22	228	290	314	333	363
23	204	270	292	309	345
24	183	250	272	285	319
25	165	231	252	266	295
26	149	210	237	246	275
27	134	191	220	232	257
28	121	174	207	216	239
29	110	159	194	205	225
30	99	145	182	191	210
31	90	133	173	181	198
32	81	122	160	170	186
33		111	148	160	177
34		102	136	154	166
35		93	126	144	156
36		85	116	134	149
37			107	124	141
38			99	114	133
39			91	106	126
40			84	98	117
41				90	109
42				83	101
43					94
44					87
45					81
46					75

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 92 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A=362 in ²	Yt=5.46 in	b=14.6 in			
I=5473 in ⁴	Yb=6.54 in	wt=92 psf			
ϕM_n ft-k/ft	33.19	43.22	52.69	60.05	72.6
Series	1.63E-10706T	1.63E-10708T	1.63E-10710T	1.63E-10808T	1.63E-10810T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
17	469				
18	439				
19	391	412			
20	346	388			
21	307	366			
22	274	346			
23	245	328			
24	219	306	312		
25	196	277	296		
26	176	251	282		
27	159	227	269		
28		207	252	256	
29		188	238	245	
30		171	221	234	
31		156	205	220	225
32			188	207	216
33			173	194	207
34			158	179	199
35			143	162	188
36				148	180
37				134	165
38					151
39					138
40					126
41					115

Concrete Strength: 6,000 psi at 28 days
 Prestress Strands: 3/8", 7/16", 1/2" special, 270 ksi Lo-Lax

 Camber 1"-1 1/2"
 Camber > 1 1/2"

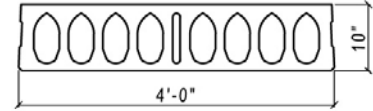
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Ultralight Load Table

10" Thick

2.0" Strand Cover



No Structural Topping Dead Load Weight of Slab = 67 psf					
IBC Fire Ratings	Unrestrained 3 hours				
	Restrained 3 hours				
Section Properties					
A=277 in ²	Yt=4.83 in	b=14.6 in			
I=3238 in ⁴	Yb=5.17 in	wt=67 psf			
ϕM_n ft-k/ft	25.63	33.46	40.91	46.42	55.08
Series	2.0E-10706	2.0E-10708	2.0E-10710	2.0E-10808	2.0E-10810
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
	15	493			
16	441	488			
17	393	440	481		
18	345	399	435	453	
19	305	364	396	418	424
20	270	330	360	382	399
21	240	305	331	351	377
22	214	282	306	321	357
23	192	259	281	298	330
24	172	240	262	277	304
25	155	217	242	256	282
26	139	197	227	241	264
27	125	179	212	223	244
28	113	163	200	211	230
29	102	149	186	196	214
30	92	136	177	186	202
31		124	163	174	189
32		113	149	164	178
33		103	138	157	169
34		94	127	147	159
35			117	138	152
36			108	127	143
37			99	117	135
38				108	129
39				99	119
40				92	111
41					103
42					95
43					88
44					82

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 92 psf					
IBC Fire Ratings	Unrestrained 3 hours				
	Restrained 4 hours				
Section Properties					
A=362 in ²	Yt=5.46 in	b=14.6 in			
I=5473 in ⁴	Yb=6.54 in	wt=92 psf			
ϕM_n ft-k/ft	31.88	41.47	50.5	57.5	69.39
Series	2.0E-10706T	2.0E-10708T	2.0E-10710T	2.0E-10808T	2.0E-10810T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
	16	481			
17	449				
18	420				
19	372	394			
20	329	371			
21	292	350			
22	260	331			
23	232	314			
24	208	291	298		
25	186	263	283		
26	167	238	269		
27		215	257		
28		195	240		
29		177	225	233	
30			210	221	
31			194	209	214
32			178	195	205
33			163	184	197
34				168	189
35				152	177
36					169
37					154
38					141
39					128

Concrete Strength: 6,000 psi at 28 days
 Prestress Strands: 3/8", 7/16", 1/2" special, 270 ksi Lo-Lax

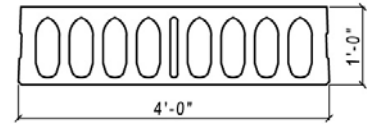
 Camber 1"-1 1/2"
 Camber > 1 1/2"

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Load tables are presented as guidelines only. Design requirements must be reviewed by the engineer of record for each specific project.



Ultralight Load Table 12" Thick 1.0" Strand Cover



No Structural Topping Dead Load Weight of Slab = 80 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 4 hours				
Section Properties					
A=330 in ²	Yt=5.72 in	b=16.6 in			
I=5442 in ⁴	Yb=6.28 in	wt=80 psf			
ϕM_n ft-k/ft	36.07	47.45	58.42	66.81	81.54
Series	1.0E-12706	1.0E-12708	1.0E-12710	1.0E-12808	1.0E-12810
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
18	496				
19	439				
20	391				
21	349	465			
22	312	430	465		
23	281	388	428	452	
24	253	352	401	422	
25	228	319	373	391	
26	207	291	351	369	
27	187	265	328	343	380
28	170	242	311	325	354
29	154	222	287	305	335
30	140	203	264	288	313
31	127	187	244	274	298
32	116	171	225	257	279
33	105	158	208	245	267
34	96	145	193	227	251
35	87	133	178	211	238
36	79	123	165	196	228
37		113	153	182	212
38		104	142	169	197
39		96	132	157	184
40		88	122	146	172
41		81	114	136	161
42			105	126	150
43			98	117	140
44			91	109	131
45			84	101	123
46				94	115
47				88	107
48				81	100
49					94
50					88
51					82

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 105 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 4 hours				
Section Properties					
A=415in ²	Yt=6.35 in	b=16.6 in			
I=8518in ⁴	Yb=7.65 in	wt=105 psf			
ϕM_n ft-k/ft	42.32	55.47	68.03	77.86	94.94
Series	1.0E-12706T	1.0E-12708T	1.0E-12710T	1.0E-12808T	1.0E-12810T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
20	450	496			
21	401	469			
22	358	444			
23	321	421			
24	288	400			
25	260	365	381		
26	234	331	363		
27	211	302	347		
28	191	275	332		
29	173	251	318		
30	156	229	299		
31	141	210	275	291	
32		192	253	280	
33		176	233	269	
34		161	215	258	
35		147	199	239	249
36		135	184	221	240
37			170	204	231
38			157	187	223
39			145	172	207
40			134	158	192
41				145	177
42				133	164
43				121	151
44					140
45					129
46					118
47					109
48					100

Concrete Strength: 6,000 psi at 28 days
 Prestress Strands: 3/8", 7/16", 1/2" special, 270 ksi Lo-Lax

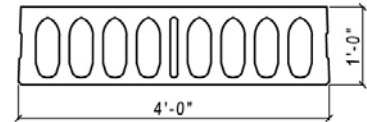
 Camber 1"-1 1/2"
 Camber > 1 1/2"

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Load tables are presented as guidelines only. Design requirements must be reviewed by the engineer of record for each specific project.



Ultralight Load Table 12" Thick 1.63" Strand Cover



No Structural Topping Dead Load Weight of Slab = 80 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A=330 in ²	Yt=5.72 in	b=16.6 in			
I=5442 in ⁴	Yb=6.28 in	wt=80 psf			
ϕM_n ft-k/ft	33.89	44.54	54.78	62.57	76.24
Series	1.63E-12706	1.63E-12708	1.63E-12710	1.63E-12808	1.63E-12810
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
18	463				
19	409				
20	363	474			
21	324	440	474	499	
22	290	400	437	459	
23	260	361	404	427	470
24	234	326	379	394	433
25	211	296	350	369	405
26	190	269	331	344	375
27	172	245	307	324	352
28	156	224	289	303	329
29	141	205	266	287	310
30	128	187	244	268	290
31	116	172	225	257	276
32	105	157	207	241	259
33	95	144	191	227	248
34	86	132	177	211	234
35		122	163	195	221
36		112	151	181	213
37		102	140	168	201
38		94	130	157	187
39			120	146	174
40			111	135	162
41			103	126	151
42			95	117	141
43				109	132
44				101	123
45				94	114
46					107
47					99
48					93
49					86
50					80

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 105 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A=415 in ²	Yt=6.35 in	b=16.6 in			
I=8518 in ⁴	Yb=7.65 in	wt=105 psf			
ϕM_n ft-k/ft	40.14	52.55	64.39	73.62	89.62
Series	1.63E-12706T	1.63E-12708T	1.63E-12710T	1.63E-12808T	1.63E-12810T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
19	477	497			
20	423	468	495		
21	376	442	456	480	
22	336	418	418	441	489
23	300	397	397	409	452
24	269	377	377	376	415
25	242	341	359	358	386
26	218	310	342	341	356
27	196	282	326	325	333
28	177	256	312	311	311
29	160	234	298	297	297
30	144	213	279	285	285
31		194	256	273	273
32		178	235	262	262
33		162	217	252	252
34		148	200	240	242
35			184	222	233
36			170	205	224
37			156	190	216
38			144	174	208
39				159	194
40				145	179
41					165
42					152
43					139
44					128
45					117

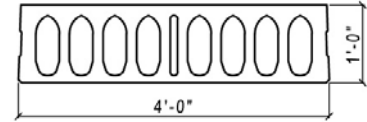
Concrete Strength: 6,000 psi at 28 days
 Prestress Strands: 3/8", 7/16", 1/2" special, 270 ksi Lo-Lax

Camber 1"-1 1/2"
 Camber > 1 1/2"

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Ultralight Load Table 12" Thick 2.0" Strand Cover



No Structural Topping Dead Load Weight of Slab = 80 psf					
IBC Fire Ratings	Unrestrained 3 hours				
	Restrained 4 hours				
Section Properties					
A=330 in ²	Yt=5.72 in	b=16.6 in			
I=5442 in ⁴	Yb=6.28 in	wt=80 psf			
ϕM_n ft-k/ft	32.58	42.79	52.6	60.03	73.06
Series	2.0E-12706	2.0E-12708	2.0E-12710	2.0E-12808	2.0E-12810
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
18	443				
19	391	496			
20	347	457	494		
21	309	424	457	478	
22	276	382	418	442	485
23	248	344	389	412	449
24	223	311	363	379	413
25	200	282	337	356	386
26	181	256	318	329	358
27	163	233	295	311	337
28	148	213	275	290	315
29	133	194	253	276	297
30	121	178	232	257	278
31	109	162	213	246	265
32	99	149	197	231	248
33	89	136	181	215	237
34		125	167	200	224
35		114	154	185	211
36		105	143	171	203
37		96	132	159	193
38			122	148	180
39			113	137	167
40			104	127	156
41			96	118	145
42				110	135
43				102	126
44					117
45					109
46					101
47					94
48					88

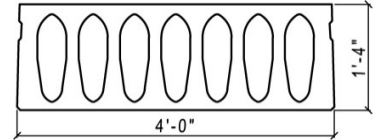
2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 105 psf					
IBC Fire Ratings	Unrestrained 3 hours				
	Restrained 4 hours				
Section Properties					
A=415 in ²	Yt=6.35 in	b=16.6 in			
I=8518 in ⁴	Yb=7.65 in	wt=105 psf			
ϕM_n ft-k/ft	38.83	50.81	62.2	71.08	86.42
Series	2.0E-12706T	2.0E-12708T	2.0E-12710T	2.0E-12808T	2.0E-12810T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
19	459	479			
20	406	451			
21	361	426			
22	322	403			
23	288	382			
24	258	362			
25	232	327	345		
26	208	297	329		
27	187	270	314		
28	169	245	300		
29		223	287		
30		203	267	274	
31		185	245	262	
32		169	225	251	
33			207	241	
34			190	229	232
35			175	211	223
36			161	195	215
37				181	207
38				165	199
39				151	185
40					170
41					156
42					143
43					132

Concrete Strength: 6,000 psi at 28 days
 Prestress Strands: 3/8", 7/16", 1/2" special, 270 ksi Lo-Lax

Camber 1"-1 1/2"
 Camber > 1 1/2"

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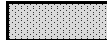

**Ultralight Load Table
16" Thick
1.0" Strand Cover**



No Structural Topping Dead Load Weight of Slab = 105 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 4 hours				
Section Properties					
A = 433 in ²	Yt = 8.11 in	b = 16 in			
I = 12493 in ⁴	Yb = 7.89 in	wt = 105 psf			
ϕM_n ft-k/ft	66.02	93.93	115.67	133.96	147.83
Series	1.0G-16708	1.0G-16808	1.0G-16810	1.0G-16812	1.0G-16814
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
	32				
33					
34					
35					
36	176	246	271		
37	162	232	256		
38	150	223	245	264	
39	138	210	231	251	
40	128	199	219	239	
41	118	192	210	227	
42	108	181	199	216	
43		172	189	207	
44		164	182	197	
45		153	173	187	
46		143	165	180	
47		134	157	172	
48		125	152	164	
49		117	145	156	
50		109	138	152	
51			131	145	
52			127	141	
53			122	135	
54			116	129	143
55			110	123	137
56				117	131
57				112	125
58				107	120
59				103	115
60				97	110
61					105
62					100
63					95
64					90

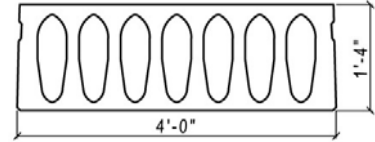
2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 130 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 4 hours				
Section Properties					
A = 518 in ²	Yt = 8.61 in	b = 16 in			
I = 18409 in ⁴	Yb = 9.38 in	wt = 130 psf			
ϕM_n ft-k/ft	74.03	104.95	128.83	151.95	174.29
Series	1.0G-16708T	1.0G-16808T	1.0G-16810T	1.0G-16812T	1.0G-16814T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
	32	264	356	373	
33	242	333	358		
34	223	315	344		
35	205	296	329		
36	188	278	309		
37	173	265	294		
38	159	249	276	294	
39		237	262	284	
40		224	249	271	
41		211	235	259	
42		200	224	245	
43		186	213	232	
44		174	201	221	
45		162	192	211	
46			184	200	
47			174	190	
48			165	183	
49			159	173	
50			151	169	
51				160	
52				156	
53				148	
54				141	159
55				134	151
56					144
57					137
58					129
59					120

Concrete Strength: 6,000 psi at 28 days
Prestress Strands: 3/8", 7/16", 1/2" special, 270 ksi Lo-Lax

 Camber 1"-1 1/2"
 Camber > 1 1/2"

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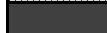
Ultralight Load Table
16" Thick
1.63" Strand Cover



No Structural Topping Dead Load Weight of Slab = 105 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A = 433 in ²	Yt = 8.11 in	b = 16 in			
I = 12493 in ⁴	Yb = 7.89 in	wt = 105 psf			
ϕM_n ft-k/ft	63.11	89.7	110.39	127.57	138.33
Series	1.63G-16708	1.63G-16808	1.63G-16810	1.63G-16812	1.63G-16814
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
32	229	294	325		
33	211	279	308		
34	194	261	289	298	
35	179	247	273	287	
36	165	234	258	277	
37	152	220	244	267	
38	140	210	233	252	
39	129	199	220	238	247
40	118	188	208	228	239
41		180	199	216	231
42		171	189	205	221
43		162	179	196	210
44		153	171	187	201
45		143	164	177	192
46		133	155	169	182
47		124	147	163	176
48			142	155	168
49			136	147	163
50			129	143	158
51			123	136	151
52			119	133	148
53				127	141
54				121	135
55				115	129
56				110	123
57				104	117
58					112
59					107
60					102
61					98

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 130 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A = 518 in ²	Yt = 8.61 in	b = 16 in			
I = 18409 in ⁴	Yb = 9.38 in	wt = 130 psf			
ϕM_n ft-k/ft	71.12	100.72	123.53	145.57	166.82
Series	1.63G-16708T	1.63G-16808T	1.63G-16810T	1.63G-16812T	1.63G-16814T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
31	273				
32	250	340	356		
33	229	317	342		
34	210	300	329		
35	193	281	313		
36	177	264	294	304	
37		251	279	292	
38		235	262	282	
39		224	249	272	
40		212	236	258	
41		199	222	245	252
42		188	212	232	244
43		175	201	219	235
44			189	210	226
45			181	199	217
46			172	188	206
47			163	179	198
48			155	172	188
49				163	182
50				158	177
51				150	168
52				146	165
53					157
54					149
55					141
56					134

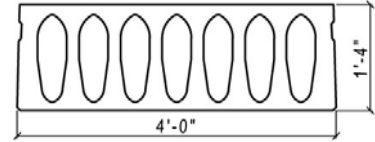
Concrete Strength: 6,000 psi at 28 days
Prestress Strands: 3/8", 7/16", 1/2" special, 270 ksi Lo-Lax

 Camber 1"-1 1/2"
 Camber > 1 1/2"

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Ultralight Load Table 16" Thick 2.00" Strand Cover



No Structural Topping Dead Load Weight of Slab = 105 psf					
IBC Fire Ratings	Unrestrained 3 hours				
	Restrained 4 hours				
Section Properties					
A = 433 in ²	Yt = 8.11 in	b = 16 in			
I = 12493 in ⁴	Yb = 7.89 in	wt = 105 psf			
ϕM_n ft-k/ft	61.37	87.16	107.22	123.73	131.71
Series	2.0G-16708	2.0G-16808	2.0G-16810	2.0G-16812	2.0G-16814
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
	29	286	346	357	
30	262	323	341		
31	241	305	327		
32	221	285	314		
33	203	270	299		
34	187	253	280	289	
35	172	238	264	278	
36	158	227	250	268	
37	145	213	236	258	
38	138	203	224	245	
39	123	192	213	231	239
40		181	201	221	231
41		173	192	209	224
42		165	182	198	214
43		156	172	189	203
44		146	164	180	194
45		137	158	171	186
46		127	149	162	176
47			142	157	170
48			136	149	162
49			131	142	157
50			124	137	153
51			118	131	145
52				128	142
53				121	136
54				116	129
55				110	123
56					118
57					112
58					107
59					102

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 130 psf					
IBC Fire Ratings	Unrestrained 3 hours				
	Restrained 4 hours				
Section Properties					
A = 518 in ²	Yt = 8.61 in	b = 16 in			
I = 18409 in ⁴	Yb = 9.38 in	wt = 130 psf			
ϕM_n ft-k/ft	69.37	98.18	120.36	141.74	162.35
Series	2.0G-16708T	2.0G-16808T	2.0G-16810T	2.0G-16812T	2.0G-16814T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
	30	288	375		
31	263	349	360		
32	241	329	345		
33	221	307	332		
34	203	291	319		
35	186	272	303		
36		256	284	295	
37		242	270	284	
38		227	254	274	
39		217	241	264	
40		204	228	249	254
41		191	214	237	245
42		181	205	224	237
43			193	212	229
44			182	202	219
45			175	192	210
46			166	181	198
47				173	191
48				165	181
49				156	175
50				151	171
51					162
52					158
53					150
54					142

Concrete Strength: 6,000 psi at 28 days
 Prestress Strands: 3/8", 7/16", 1/2" special, 270 ksi Lo-Lax

 Camber 1"-1 1/2"
 Camber > 1 1/2"
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Load tables are presented as guidelines only. Design requirements must be reviewed by the engineer of record for each specific project.