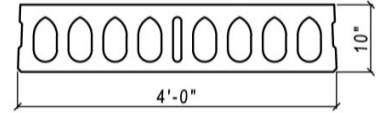




**Standard Load Table**  
**10" Thick**  
**1.0" Strand Cover**



No Structural Topping Dead Load Weight of Slab = 76 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 3 hours				
Section Properties					
A = 312 in <sup>2</sup>	Yt = 4.84 in	b = 17.8 in			
I = 3484 in <sup>4</sup>	Yb = 5.16 in	wt = 76 psf			
$\phi M_n$ ft-k/ft	29.09	38.12	46.75	53.23	64.52
Series	1.0D-10706	1.0D-10708	1.0D-10710	1.0D-10808	1.0D-10810
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
	17	446			
18	392	490			
19	346	450	484		
20	307	416	446		
21	273	375	409	429	
22	243	337	379	399	
23	218	303	354	367	
24	196	274	327	344	379
25	176	248	309	320	352
26	158	225	286	300	330
27	143	205	264	281	306
28	129	186	241	266	290
29	116	170	221	248	270
30	105	155	203	234	257
31	94	141	186	215	240
32	85	129	171	198	228
33	77	118	158	183	214
34		108	145	168	197
35		99	134	155	182
36		90	123	143	169
37		82	114	132	157
38			105	122	145
39			97	113	135
40			89	104	125
41			82	96	117
42				89	108
43				82	101
44				75	93
45					87
46					80
47					74
48					69

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 101 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 4 hours				
Section Properties					
A = 397 in <sup>2</sup>	Yt = 5.59 in	b = 17.8 in			
I = 5787 in <sup>4</sup>	Yb = 6.41 in	wt = 101 psf			
$\phi M_n$ ft-k/ft	35.35	46.14	56.35	64.3	77.95
Series	1.0D-10706T	1.0D-10708T	1.0D-10710T	1.0D-10808T	1.0D-10810T
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
	17	495			
18	463	472			
19	414	435	466		
20	367	409	429		
21	325	386	390	411	
22	290	365	365	381	
23	259	346	346	349	
24	231	325	329	327	361
25	207	293	312	311	333
26	186	266	297	296	312
27	167	241	284	283	288
28	150	219	271	270	271
29		199	259	258	258
30		181	237	247	267
31		164	218	236	236
32		150	200	227	227
33		136	183	213	217
34			168	194	209
35			154	177	201
36			140	161	193
37				146	179
38				133	164
39				120	150
40					137
41					125
42					114
43					104
44					
45					
46					
47					
48					

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

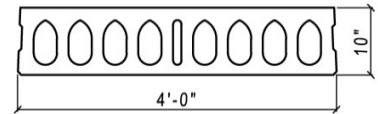
Camber 1"-1 1/2"  
Camber > 1 1/2"  
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# Standard Load Table

## 10" Thick

### 1.63" Strand Cover



No Structural Topping					
Dead Load Weight of Slab = 76 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 3 hours				
Section Properties					
A = 312 in <sup>2</sup>	Yt = 4.84 in	b = 17.8 in			
I = 3484 in <sup>4</sup>	Yb = 5.16 in	wt = 76 psf			
$\phi M_n$ ft-k/ft	26.94	35.21	43.1	48.98	59.16
Series	1.63D-10706	1.63D-10708	1.63D-10710	1.63D-10808	1.63D-10810
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
16	469				
17	409				
18	359	456	493		
19	316	419	451	475	
20	280	382	414	433	478
21	248	342	378	400	439
22	221	307	352	369	402
23	198	276	325	340	372
24	177	249	303	319	346
25	159	225	283	294	319
26	142	203	262	278	300
27	128	185	239	258	278
28	115	168	218	245	263
29	103	152	199	228	245
30	93	139	183	215	234
31		126	167	198	219
32		115	154	182	208
33		105	141	168	197
34		95	130	155	183
35			119	143	169
36			109	132	157
37			101	121	145
38			92	112	134
39				103	124
40				94	115
41					106
42					98
43					91
44					84

2" Bonded Structural Topping					
Dead Load Weight of Slab With Topping = 101 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A = 397 in <sup>2</sup>	Yt = 5.59 in	b = 17.8 in			
I = 5787 in <sup>4</sup>	Yb = 6.41 in	wt = 101 psf			
$\phi M_n$ ft-k/ft	33.2	43.22	52.7	60.05	72.61
Series	1.63D-10706T	1.63D-10708T	1.63D-10710T	1.63D-10808T	1.63D-10810T
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
16	496				
17	462	482			
18	432	438	475		
19	384	405	433	456	
20	339	381	395	415	459
21	301	360	360	382	420
22	267	340	340	350	383
23	238	322	322	323	353
24	212	300	305	304	328
25	190	270	290	289	301
26	170	244	276	275	282
27		221	263	262	262
28		200	251	250	250
29		181	238	238	238
30		164	217	228	228
31			199	218	218
32			182	209	209
33			166	195	200
34				177	192
35				160	185
36				145	177
37					163
38					148
39					135
40					122

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"

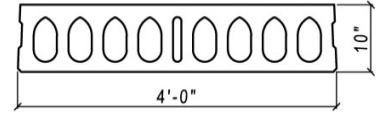
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# Standard Load Table

## 10" Thick


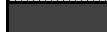
### 2.0" Strand Cover



No Structural Topping Dead Load Weight of Slab = 76 psf					
IBC Fire Ratings	Unrestrained 3 hours				
	Restrained 3 hours				
Section Properties					
A = 312 in <sup>2</sup>	Yt = 4.84 in	b = 17.8 in			
I = 3484 in <sup>4</sup>	Yb = 5.16 in	wt = 76 psf			
$\phi M_n$ ft-k/ft	25.63	33.46	40.92	46.43	55.93
Series	2.0D-10706	2.0D-10708	2.0D-10710	2.0D-10808	2.0D-10810
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
16	444				
17	386	486			
18	339	439	475		
19	298	403	434	459	
20	263	361	399	422	460
21	234	322	368	385	419
22	208	289	338	357	388
23	185	259	316	331	359
24	165	234	291	306	332
25	148	211	270	288	311
26	133	191	246	267	288
27	119	173	224	252	272
28	106	156	204	235	253
29	95	142	186	219	240
30		129	170	201	224
31		117	156	185	212
32		106	143	170	201
33			131	156	189
34			120	144	174
35			110	133	161
36				122	148
37				113	137
38				104	126
39					117
40					108
41					99
42					92

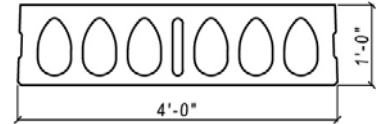
2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 101 psf					
IBC Fire Ratings	Unrestrained 3 hours				
	Restrained 4 hours				
Section Properties					
A = 397 in <sup>2</sup>	Yt = 5.59 in	b = 17.8 in			
I = 5787 in <sup>4</sup>	Yb = 6.41 in	wt = 101 psf			
$\phi M_n$ ft-k/ft	31.88	41.47	50.51	57.51	69.39
Series	2.0D-10706T	2.0D-10708T	2.0D-10710T	2.0D-10808T	2.0D-10810T
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
16	474				
17	442	467			
18	413	421	457	485	
19	366	388	416	442	484
20	323	364	381	403	441
21	286	343	349	367	401
22	254	324	324	339	370
23	226	307	307	312	341
24	201	284	291	290	314
25	179	256	276	275	294
26		231	263	262	270
27		209	250	249	254
28		189	239	238	238
29			225	227	227
30			205	217	217
31			187	207	207
32				198	198
33				183	190
34					182
35					175
36					167
37					151

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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**Standard Load Table**  
**12" Thick**  
**1.0" Strand Cover**



No Structural Topping Dead Load Weight of Slab = 86 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 4 hours				
Section Properties					
A = 355 in <sup>2</sup>	Yt = 5.72 in	b = 15.6 in			
I = 5784 in <sup>4</sup>	Yb = 6.28 in	wt = 86 psf			
$\phi M_n$ ft-k/ft	36.07	47.45	58.42	66.81	81.57
Series	1.0D-12706	1.0D-12708	1.0D-12710	1.0D-12808	1.0D-12810
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
	18	492			
19	435				
20	386	490			
21	345	453	489		
22	308	414	450	475	
23	276	384	417	441	
24	249	347	390	406	
25	224	315	360	381	
26	202	287	340	354	390
27	183	261	315	333	366
28	166	238	299	310	340
29	150	218	279	294	321
30	136	199	260	275	299
31	123	182	240	263	284
32	112	167	221	246	266
33	101	153	204	233	254
34	92	141	188	223	239
35	83	129	174	208	225
36		119	161	193	217
37		109	149	180	205
38		100	138	167	194
39		92	128	155	187
40		84	118	144	175
41			109	134	163
42			101	125	152
43			94	116	142
44			86	108	132
45				101	124
46				93	115
47				87	108
48					100
49					94
50					87
51					81

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 111 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 4 hours				
Section Properties					
A = 440 in <sup>2</sup>	Yt = 6.42 in	b = 15.6 in			
I = 8904 in <sup>4</sup>	Yb = 7.58 in	wt = 111 psf			
$\phi M_n$ ft-k/ft	42.32	55.47	68.04	77.86	94.94
Series	1.0D-12706T	1.0D-12708T	1.0D-12710T	1.0D-12808T	1.0D-12810T
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
	20	446	492		
21	397	465	472		
22	354	440	440	457	
23	317	417	417	423	
24	284	396	396	395	
25	255	361	377	376	
26	230	327	359	358	371
27	207	297	343	342	347
28	187	271	328	327	327
29	168	247	313	312	312
30	152	225	295	299	299
31	137	205	271	287	287
32		188	249	275	275
33		171	229	264	264
34		157	211	254	254
35		143	195	235	245
36			179	217	236
37			165	201	227
38			152	186	219
39			141	173	210
40				159	194
41				145	179
42				133	165
43					152
44					140
45					129
46					118
47					108

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

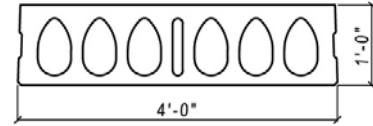
Camber 1"-1 1/2"  
Camber > 1 1/2"  
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# Standard Load Table

## 12" Thick

### 1.63" Strand Cover



No Structural Topping Dead Load Weight of Slab = 86 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A = 355 in <sup>2</sup>	Yt = 5.72 in	b = 15.6 in			
I = 5784 in <sup>4</sup>	Yb = 6.28 in	wt = 86 psf			
$\phi M_n$ ft-k/ft	33.89	44.54	54.78	62.58	76.25
Series	1.63D-12706	1.63D-12708	1.63D-12710	1.63D-12808	1.63D-12810
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
18	459				
19	405				
20	359	462			
21	320	425	462	486	
22	286	390	423	449	480
23	256	357	393	415	455
24	230	322	364	384	420
25	207	292	339	359	391
26	186	265	317	332	363
27	168	241	296	313	341
28	152	220	278	291	317
29	137	200	261	276	300
30	124	183	240	258	280
31	112	167	221	244	266
32	101	153	203	230	249
33	91	140	187	216	235
34		128	173	206	224
35		117	159	191	211
36		107	147	177	201
37		98	136	164	192
38			125	152	181
39			116	141	173
40			107	131	164
41			99	122	153
42				113	142
43				105	133
44				97	123
45					115
46					107
47					99
48					92
49					86

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 111 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A = 440 in <sup>2</sup>	Yt = 6.42 in	b = 15.6 in			
I = 8904 in <sup>4</sup>	Yb = 7.58 in	wt = 111 psf			
$\phi M_n$ ft-k/ft	40.14	52.56	64.39	73.62	89.61
Series	1.63D-12706T	1.63D-12708T	1.63D-12710T	1.63D-12808T	1.63D-12810T
Span in Feet	Allowable Superimposed Load In lbs/ft <sup>2</sup>				
19	473	493			
20	419	464	484		
21	372	438	444	468	
22	331	414	414	431	462
23	296	392	392	396	436
24	265	373	373	371	402
25	238	337	354	353	374
26	214	306	338	336	345
27	192	277	322	321	323
28	173	252	307	306	306
29	155	229	294	293	293
30		209	275	281	281
31		190	252	269	269
32		173	231	258	258
33		158	212	247	247
34			195	235	238
35			180	217	229
36			165	201	220
37			152	186	212
38				172	204
39				159	196
40					180
41					165
42					152
43					139
44					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" Issued: 5/1/2013  
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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.

