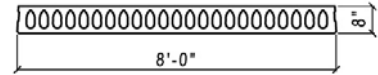




Load Table

96" Wide 8" Thick

1.0" Strand Cover



No Structural Topping Dead Load Weight of Slab = 63 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 2 hours				
Section Properties					
A = 511 in ²	Yt=3.99 in	b = 37.5 in			
I = 3629 in ⁴	Yb=4.01 in	wt = 63 psf			
ϕM_n ft-k/ft	16.72	22.13	28.78	35.04	40.87
Series	1.0H-8612	1.0H-8712	1.0H-8716	1.0H-8720	1.0H-8724
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
	13	448			
14	379				
15	324	445			
16	279	385	450	487	
17	242	336	408	439	
18	211	294	374	400	434
19	184	259	345	368	397
20	162	229	313	337	365
21	142	204	279	311	332
22	126	181	250	291	309
23	111	162	225	267	287
24	98	145	203	252	265
25	87	130	183	229	250
26	76	116	166	208	231
27		105	150	189	213
28		94	136	172	194
29		84	124	157	177
30		76	113	143	162
31			103	130	149
32			93	119	136
33			85	109	125
34			77	100	115
35				91	106
36				83	97
37				76	89
38					82
39					75
40					69

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 88 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 4 hours				
Section Properties					
A = 685 in ²	Yt = 4.75 in	b = 37.5 in			
I = 6857 in ⁴	Yb = 5.25 in	wt = 88 psf			
ϕM_n ft-k/ft	21.48	28.39	36.8	44.65	52.33
Series	1.0H-8612T	1.0H-8712T	1.0H-8716T	1.0H-8720T	1.0H-8724T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
	14	482	499		
15	411	461			
16	354	428			
17	306	399			
18	266	372			
19	232	327	350		
20	203	289	329		
21	178	256	310		
22	156	227	293		
23		202	278		
24		180	254	263	
25		161	229	250	
26			206	238	
27			187	227	
28			169	214	
29			153	192	207
30				172	197
31				155	181
32				138	164
33				123	147
34					133
35					119
36					107

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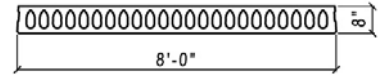
Load tables are presented as guidelines only. Design requirements must be reviewed by the engineer of record for each specific project.



Load Table

96" Wide 8" Thick

1.63" Strand Cover



No Structural Topping Dead Load Weight of Slab = 63 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 2 hours				
Section Properties					
A = 511 in ²	Yt=3.99 in	b = 37.5 in			
I = 3629 in ⁴	Yb=4.01 in	wt = 63 psf			
ϕM_n ft-k/ft	15.12	19.96	25.89	31.41	36.43
Series	1.63H-8612	1.63H-8712	1.63H-8716	1.63H-8720	1.63H-8724
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
12	479				
13	401				
14	339	462			
15	289	396	466		
16	248	343	420	451	482
17	215	298	380	410	435
18	186	261	343	370	396
19	162	229	311	338	362
20	142	202	276	313	329
21	124	179	246	287	305
22	109	159	220	266	283
23	96	141	198	249	261
24	84	126	178	226	246
25		112	160	204	227
26		100	144	185	213
27		90	130	168	194
28			118	153	176
29			107	140	161
30			97	127	147
31				116	134
32				106	122
33				96	112
34					102
35					93
36					85

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 88 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A = 685 in ²	Yt = 4.75 in	b = 37.5 in			
I = 6857 in ⁴	Yb = 5.25 in	wt = 88 psf			
ϕM_n ft-k/ft	19.88	26.22	33.9	41	47.94
Series	1.63H-8612T	1.63H-8712T	1.63H-8716T	1.63H-8720T	1.63H-8724T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
14	441	459			
15	376	424			
16	322	393			
17	278	366			
18	241	339			
19	209	297	321		
20	183	262	301		
21		231	284		
22		205	268		
23		182	253		
24			228	240	
25			205	228	
26			185	217	
27				206	
28				190	196
29				169	187
30					177
31					159

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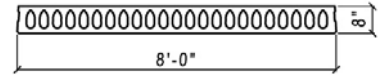
Load tables are presented as guidelines only. Design requirements must be reviewed by the engineer of record for each specific project.



Load Table

96" Wide 8" Thick

2.0" Strand Cover



No Structural Topping Dead Load Weight of Slab = 63 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 2 hours				
Section Properties					
A = 511 in ²	Yt=3.99 in	b = 37.5 in			
I = 3629 in ⁴	Yb=4.01 in	wt = 63 psf			
ϕM_n ft-k/ft	14.16	18.63	24.11	29.18	33.74
Series	2.0H-8612	2.0H-8712	2.0H-8716	2.0H-8720	2.0H-8724
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
12	444				
13	372				
14	314	428			
15	267	367	453	479	
16	229	317	407	433	465
17	198	275	366	394	421
18	171	240	325	357	384
19	149	211	287	328	348
20	130	186	254	304	319
21	113	164	226	277	296
22	99	145	202	254	272
23		129	181	229	254
24		115	162	206	236
25			146	186	220
26			131	169	199
27			118	153	181
28				139	164
29				126	149
30				115	136
31					123
32					112

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 88 psf					
IBC Fire Ratings	Unrestrained 3 hours				
	Restrained 4 hours				
Section Properties					
A = 685 in ²	Yt = 4.75 in	b = 37.5 in			
I = 6857 in ⁴	Yb = 5.25 in	wt = 88 psf			
ϕM_n ft-k/ft	18.92	24.89	32.12	38.77	45.26
Series	2.0H-8612T	2.0H-8712T	2.0H-8716T	2.0H-8720T	2.0H-8724T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
13	488				
14	417	448	488		
15	355	414	435		
16	304	384	388		
17	261	358	358		
18	226	318	334		
19	196	279	313		
20		245	294		
21		216	277		
22			261		
23			238	247	
24				234	
25				222	
26				211	
27					201
28					191

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

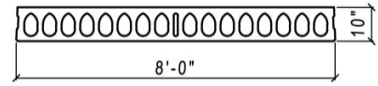
 Camber 1"-1 1/2"
 Camber > 1 1/2"

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Load Table

96" Wide 10" Thick 1.0" Strand Cover



No Structural Topping Dead Load Weight of Slab = 75 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 3 hours				
Section Properties					
A = 610 in ²	Yt = 4.79 in	b = 29.5 in			
I = 6964 in ⁴	Yb = 5.21 in	wt = 75 psf			
φM _n ft-k/ft	29.09	38.12	41.08	53.23	58.99
Series	1.0H-10712	1.0H-10716	1.0H-10812	1.0H-10816	1.0H-10818
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
16	492				
17	444	496			
18	393	446	462		
19	347	406	418	461	
20	307	373	382	432	
21	274	344	353	393	409
22	244	315	324	362	387
23	219	294	300	336	354
24	196	270	280	309	328
25	176	249	259	289	304
26	159	226	244	268	283
27	143	205	226	252	265
28	129	187	206	234	246
29	117	170	188	222	232
30	105	156	172	207	216
31	95	142	158	196	204
32	86	130	144	185	193
33	77	119	132	174	181
34		109	122	166	173
35		99	111	157	164
36		91	102	145	154
37		83	94	134	147
38			86	124	136
39			79	114	126
40				106	117
41				98	108
42				90	100
43				83	93
44				77	86
45					80
46					74

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 100 psf					
IBC Fire Ratings	Unrestrained 1 hour				
	Restrained 4 hours				
Section Properties					
A = 784 in ²	Yt = 5.53 in	b = 29.5 in			
I = 11471 in ⁴	Yb = 6.47 in	wt = 100 psf			
φM _n ft-k/ft	35.34	46.14	49.69	64.3	71.23
Series	1.0H-10712T	1.0H-10716T	1.0H-10812T	1.0H-10816T	1.0H-10818T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
17	496				
18	464				
19	415	436			
20	367	410			
21	326	387			
22	291	366			
23	259	347			
24	232	326			
25	208	294	312		
26	187	266	293		
27	168	242	266		
28	151	219	242		
29	135	199	220		
30		181	201	248	
31		165	184	236	
32		150	168	225	
33		137	153	210	218
34			140	195	207
35				178	196
36				162	179
37				147	164
38				134	150
39				121	137
40					124
41					113
42					103

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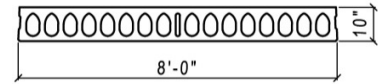
■ Camber > 1 1/2"
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Load tables are presented as guidelines only. Design requirements must be reviewed by the engineer of record for each specific project.

Load Table

96" Wide 10" Thick

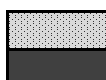
1.63" Strand Cover



No Structural Topping						
Dead Load Weight of Slab = 75 psf						
IBC Fire Ratings	Unrestrained 2 hours					
	Restrained 3 hours					
Section Properties						
A = 610 in ²		Yt = 4.79 in		b = 29.5 in		
I = 6964 in ⁴		Yb = 5.21 in		wt = 75 psf		
ϕM _n ft-k/ft	26.94	35.21	37.91	48.98	54.18	
Series	1.63H-10712	1.63H-10716	1.63H-10812	1.63H-10816	1.63H-10818	
Span in Feet	Allowable Superimposed Load In lbs/ft ²					
16	459					
17	410	458	475			
18	360	415	427			
19	317	378	388	425		
20	281	347	355	398		
21	249	315	327	365	376	
22	222	292	299	337	354	
23	198	271	278	309	325	
24	178	249	256	287	301	
25	159	225	239	266	278	
26	143	204	223	248	260	
27	129	185	204	232	242	
28	116	168	186	216	227	
29	104	153	169	202	212	
30	93	139	154	191	200	
31	84	127	141	178	186	
32		116	129	170	178	
33		105	118	159	166	
34		96	108	150	157	
35		88	99	143	150	
36			90	133	140	
37				123	133	
38				113	125	
39				104	115	
40				96	106	
41					98	
42					91	
43					84	

2" Bonded Structural Topping						
Dead Load Weight of Slab With Topping = 100 psf						
IBC Fire Ratings	Unrestrained 2 hours					
	Restrained 4 hours					
Section Properties						
A = 784 in ²		Yt = 5.53 in		b = 29.5 in		
I = 11471 in ⁴		Yb = 6.47 in		wt = 100 psf		
ϕM _n ft-k/ft	33.2	43.22	46.51	60.05	66.43	
Series	1.63H-10712T	1.63H-10716T	1.63H-10812T	1.63H-10816T	1.63H-10818T	
Span in Feet	Allowable Superimposed Load In lbs/ft ²					
16	496					
17	463					
18	433					
19	385	406				
20	340	382				
21	301	360				
22	268	340				
23	239	322				
24	213	300	305			
25	191	271	290			
26	171	245	269			
27	153	222	244			
28		201	222			
29		182	202			
30		165	183	229		
31			167	217		
32				206	210	
33				191	201	
34				178	191	
35				161	179	
36				146	163	
37					148	
38					135	
39					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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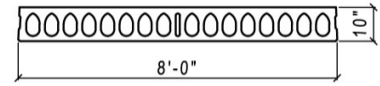
Load tables are presented as guidelines only. Design requirements must be reviewed by the engineer of record for each specific project.



Load Table

96" Wide 10" Thick

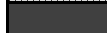
2.0" Strand Cover



No Structural Topping Dead Load Weight of Slab = 75 psf					
IBC Fire Ratings	Unrestrained 3 hours				
	Restrained 3 hours				
Section Properties					
A = 610 in ²	Yt = 4.79 in	b = 29.5 in			
I = 6964 in ⁴	Yb = 5.21 in	wt = 75 psf			
ϕM_n ft-k/ft	25.63	33.46	36.01	46.43	51.3
Series	2.0H-10712	2.0H-10716	2.0H-10812	2.0H-10816	2.0H-10818
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
16	442	495			
17	387	445	458		
18	339	401	415	446	
19	299	363	377	419	
20	264	333	342	387	393
21	234	307	315	352	370
22	209	280	291	324	341
23	186	260	266	300	315
24	166	234	249	276	290
25	149	211	229	257	270
26	133	191	210	238	250
27	120	173	191	223	234
28	107	157	173	208	217
29	96	143	158	196	205
30		130	144	182	191
31		118	131	174	182
32		107	120	162	170
33		97	109	153	160
34			100	145	152
35				133	142
36				123	136
37				113	128
38				105	118
39					108
40					100

2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 100 psf					
IBC Fire Ratings	Unrestrained 3 hours				
	Restrained 4 hours				
Section Properties					
A = 784 in ²	Yt = 5.53 in	b = 29.5 in			
I = 11471 in ⁴	Yb = 6.47 in	wt = 100 psf			
ϕM_n ft-k/ft	31.88	41.47	44.6	57.51	63.55
Series	2.0H-10712T	2.0H-10716T	2.0H-10812T	2.0H-10816T	2.0H-10818T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
16	475				
17	443				
18	414				
19	367	388			
20	324	365			
21	287	344			
22	254	325			
23	226	308			
24	202	285	291		
25	180	257	276		
26		232	255		
27		210	231		
28		190	210		
29		172	190	228	
30			173	218	
31				206	
32				194	199
33				180	189
34				167	181
35					168
36					152

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"

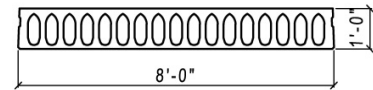
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Load Table

96" Wide 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 = 661 in ²		Yt = 5.7 in		b = 32.6 in	
I = 10915 in ⁴		Yb = 6.3 in		wt = 80 psf	
φM _n ft-k/ft	36.07	47.45	51.25	66.81	74.3
Series	1.0H 12712	1.0H- 12716	1.0H- 12812	1.0H- 12816	1.0H 12818
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
18	497				
19	440				
20	391				
21	349	464	474		
22	313	425	439		
23	281	389	406	451	
24	253	352	382	416	
25	229	320	350	391	411
26	207	291	319	362	381
27	187	265	292	343	359
28	170	243	267	319	334
29	154	222	245	304	317
30	140	204	225	285	296
31	128	187	207	271	282
32	116	172	190	256	266
33	106	158	175	241	251
34	96	145	162	229	241
35	87	134	149	212	227
36	79	123	138	197	213
37		113	127	183	199
38		104	117	170	185
39		96	109	158	172
40		88	100	147	161
41		81	92	137	150
42			85	127	140
43			79	118	130
44				110	122
45				102	114
46				95	106
47				88	99
48				82	92
49				76	86
50					80
51					74

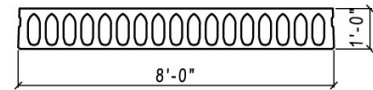
2" Bonded Structural Topping Dead Load Weight of Slab With Topping = 105 psf					
IBC Fire Ratings		Unrestrained 1 hour			
		Restrained 4 hours			
Section Properties					
A = 835 in ²		Yt = 6.33 in		b = 32.6 in	
I = 17032 in ⁴		Yb = 7.67 in		wt = 105 psf	
φM _n ft-k/ft	42.32	55.47	59.85	77.86	86.5
Series	1.0H- 12712T	1.0H- 12716T	1.0H- 12812T	1.0H- 12816T	1.0H- 12818T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
20	450	496			
21	401	469			
22	358	444			
23	321	421			
24	289	401			
25	260	365	380		
26	234	332	363		
27	212	302	332		
28	191	275	303		
29	173	251	277		
30	156	229	254	304	
31	141	210	233	291	
32	128	192	214	280	
33		176	196	269	
34		161	180	258	
35		148	166	239	249
36		135	152	222	240
37			140	205	225
38			129	188	208
39				173	192
40				159	177
41				146	163
42				134	150
43				122	138
44				112	127
45					116
46					106
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" Issued: 5/1/2013
Camber > 1 1/2" @Spancrete www.spancrete.com

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

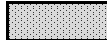
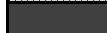
Load Table
96" Wide 12" Thick
1.63" Strand Cover



No Structural Topping Dead Load Weight of Slab = 80 psf					
IBC Fire Ratings	Unrestrained 2 hours				
	Restrained 4 hours				
Section Properties					
A = 661 in ²	Yt = 5.7 in	b = 32.6 in			
I = 10915 in ⁴	Yb = 6.3 in	wt = 80 psf			
ϕM_n ft-k/ft	33.89	44.54	48.08	62.57	69.52
Series	1.63H-12712	1.63H-12716	1.63H-12812	1.63H-12816	1.63H-12818
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
18	463				
19	409				
20	364	473	484		
21	324	434	448	495	
22	290	400	410	458	479
23	260	361	383	422	441
24	234	327	356	393	411
25	211	296	325	368	384
26	191	269	296	342	357
27	172	246	270	323	336
28	156	224	247	301	314
29	142	205	226	284	296
30	128	187	207	268	279
31	116	172	190	252	262
32	105	158	175	241	250
33	96	145	161	226	235
34	87	133	148	211	224
35		122	136	195	213
36		112	126	182	201
37		103	116	169	188
38		94	107	157	175
39		86	98	146	162
40			90	136	151
41				126	141
42				117	131
43				109	122
44				102	113
45				95	105
46					98
47					91
48					84

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 = 835 in ²	Yt = 6.33 in	b = 32.6 in			
I = 17032 in ⁴	Yb = 7.67 in	wt = 105 psf			
ϕM_n ft-k/ft	40.14	52.56	56.68	73.62	81.72
Series	1.63H-12712T	1.63H-12716T	1.63H-12812T	1.63H-12816T	1.63H-12818T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
19	477	497			
20	423	468			
21	376	442			
22	336	419			
23	301	397			
24	270	377			
25	242	342	358		
26	218	310	341		
27	197	282	310		
28	177	256	283		
29	160	234	258		
30	144	213	236	285	
31		195	216	273	
32		178	198	262	
33		163	182	252	
34		149	166	240	
35			153	222	233
36				205	224
37				190	211
38				175	194
39				160	178
40				147	164
41				134	150
42					138
43					126

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

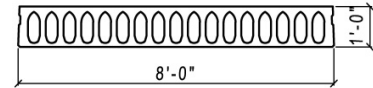
 Camber 1"-1 1/2"
 Camber > 1 1/2"

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Load Table

96" Wide 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 = 661 in ²		Yt = 5.7 in		b = 32.6 in	
I = 10915 in ⁴		Yb = 6.3 in		wt = 80 psf	
ϕM_n ft-k/ft	32.58	42.79	46.17	60.03	66.65
Series	2.0H-12712	2.0H-12716	2.0H-12812	2.0H-12816	2.0H-12818
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
18	443				
19	391	495			
20	347	456	467		
21	309	416	431	477	
22	277	382	395	442	463
23	248	344	368	406	425
24	223	311	341	379	396
25	201	282	309	352	367
26	181	257	282	329	344
27	163	234	257	308	322
28	148	213	234	289	302
29	134	194	215	272	283
30	121	178	197	257	268
31	110	163	180	240	250
32	99	149	165	231	240
33	90	136	152	216	225
34		125	140	200	214
35		115	128	185	204
36		105	118	172	192
37		96	109	159	181
38			100	148	168
39				137	156
40				128	145
41				119	134
42				110	125
43				102	116
44				95	108
45					100
46					93

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 = 835 in ²		Yt = 6.33 in		b = 32.6 in	
I = 17032 in ⁴		Yb = 7.67 in		wt = 105 psf	
ϕM_n ft-k/ft	38.83	50.81	54.77	71.08	78.85
Series	2.0H-12712T	2.0H-12716T	2.0H-12812T	2.0H-12816T	2.0H-12818T
Span in Feet	Allowable Superimposed Load In lbs/ft ²				
19	459	479			
20	407	451			
21	361	426			
22	322	403			
23	288	382			
24	258	362			
25	232	328	344		
26	208	297	326		
27	188	270	297		
28	169	245	271		
29	152	223	247		
30		204	226	274	
31		186	206	262	
32		169	189	252	
33		155	173	242	
34			158	229	
35				211	223
36				196	215
37				181	202
38				167	185
39				152	170
40					155
41					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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