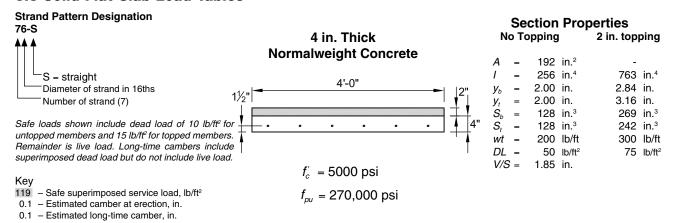
3.8 Solid Flat-Slab Load Tables



FS4

Table of safe superimposed service load, lb/ft², and cambers, in.

No Topping

Strand designation code	Span, ft													
	10	11	12	13	14	15	16	17	18	19	20	21	22	
i	119	105	94	86	76	70	61	48	38	29				
66-S	0.1	0.1	0.1	0.0	0.0	-0.1	-0.2	-0.3	-0.4	-0.6				
	0.1	0.1	0.0	0.0	-0.1	-0.3	-0.4	-0.6	-0.9	-1.2				
I	148	130	116	106	93	85	72	58	47	37	28			
76-S	0.1	0.1	0.1	0.1	0.0	0.0	-0.1	-0.2	-0.3	-0.5	-0.7			
	0.1	0.1	0.1	0.0	-0.1	-0.2	-0.3	-0.5	-0.7	-1.0	-1.4			
ĺ	135	120	107	98	90	82	74	66	61	51	42	34	26	
58-S	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	- 0.1	-0.3	-0.4	-0.7	-0.9	
	0.2	0.2	0.2	0.2	0.1	0.0	-0.1	-0.3	-0.5	-0.8	-1.1	-1.5	-2.0	
i	169	149	132	120	110	100	87	73	62	52	43	36	30	
68-S	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	-0.1	-0.3	-0.4	-0.7	
11.1	0.3	0.3	0.3	0.3	0.2	0.2	0.1	-0.1	-0.3	-0.5	-0.8	-1.2	-1.6	

FS4 + 2

Table of safe superimposed service load, lb/ft², and cambers, in.

2 in. Normalweight Topping

Strand	Span, ft													
designation code	11	12	13	14	15	16	17	18	19	20	21	22		
66-S	200 0.1 0.0	180 0.1 0.0	161 0.0 –0.1	147 0.0 –0.2	108 -0.1 -0.3	76 -0.2 -0.5	49 -0.3 -0.7	27 -0.4 -1.0						
76-S	250 0.1 0.0	225 0.1 0.0	200 0.1 –0.1	177 0.0 –0.1	134 0.0 –0.3	99 -0.1 -0.4	70 -0.2 -0.6	45 -0.3 -0.9						
58-S		210 0.2 0.1	187 0.2 0.0	175 0.1 0.0	154 0.1 –0.1	146 0.0 –0.3	111 0.0 –0.4	82 -0.1 -0.7	58 -0.3 -0.9	37 -0.4 -1.3				
68-S			228 0.2 0.1	215 0.2 0.1	190 0.2 0.0	184 0.2 –0.1	146 0.1 –0.3	114 0.0 –0.5	87 -0.1 -0.7	64 -0.3 -1.0	43 -0.4 -1.4	25 -0.7 -1.9		

Strength is based on strain compatibility; bottom tension is limited to $7.5\sqrt{f_c}$; see pages 3–8 through 3–11 for explanation. See item 3, note 4, Section 3.3.2 for explanation of vertical line.