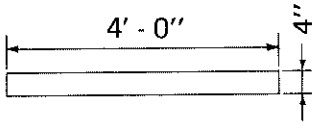


FLAT SLAB

TYPE "B" LOAD TABLE



Normal Weight Concrete

Section Properties						
Designation	A	I	y_b	Z_b	Z_t	wt. (plf)
4FS4	192	256	2.00	128	128	200
4FS4 + 2		763	2.84	269	242	300

Safe Superimposed Loads in psf

2" Normal Weight Topping

Designation	No. Strand	e	Span, ft.							
			12	13	14	15	16	17	18	19
4FS4	8	0.50	47	38	32	26	22			
			0.31	0.32	0.32	0.30	0.26			
			0.32	0.36	0.40	0.44	0.47			
4FS4 + 2	8	0.50			66	56	47	40	34	29
					0.32	0.30	0.26	0.20	0.12	0.00
					0.36	0.42	0.48	0.54	0.61	0.68

All safe loads controlled by ultimate

$f'_c = 5000$ psi

$f_{pu} = 270,000$ psi

Key

189 – Safe superimposed load, psf

0.26 – Anticipated initial camber, in.

0.48 – Deflection due to superimposed load shown, in.