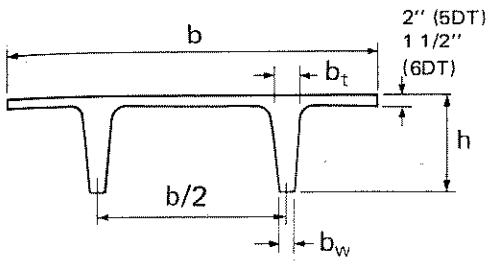


DOUBLE TEE TYPE "B" LOAD TABLE

5' - 0" Wide
6' - 0" Wide
Normal Weight Concrete



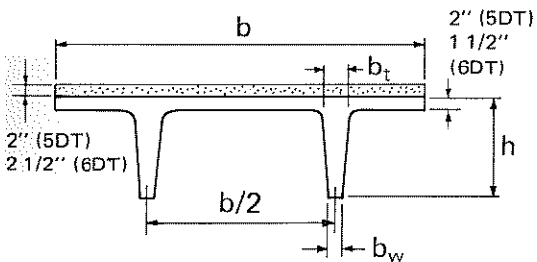
Section Properties									
Designation	b (in.)	h (in.)	b _t /b _w (in.)	A (in. ²)	I (in. ⁴)	y _b (in.)	Z _b (in. ³)	Z _t (in. ³)	wt (plf)
5DT18	5' - 0"	18	5.92/3.25	268	7546	12.48	605	1367	278
6DT12	6' - 0"	12	5.25/3.50	200	2438	8.65	282	728	208
6DT16	6' - 0"	16	5.88/3.50	244	5636	11.13	506	1157	254
6DT20	6' - 0"	20	6.50/3.50	293	10,754	13.52	795	1660	305

Table of Safe Superimposed Loads, Cambers and Deflections

No Topping

Designation	No. Strand	e _e e _c	Span, ft.													
			50	51	52	53	54	55	56	57	58	59	60	61	62	63
5DT18	8	3.48 9.73	79*	74*	69*	65*	61	57	53	49	45	42	39	36	33	30
			1.59	1.56	1.53	1.48	1.42	1.33	1.22	1.09	0.95	0.80	0.62	0.44	0.23	0.01
			1.72	1.75	1.77	1.80	1.81	1.82	1.82	1.81	1.80	1.78	1.76	1.73	1.70	1.66

Designation	No. Strand	e _e e _c	Span, ft.																		
			38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	
6DT12	6	1.98 6.15	55*	46*	39*																
			1.44	1.40	1.30																
			1.48	1.55	1.60																
6DT16	6	4.46 8.63				67*	58*	50*	43*	37*	32*	27*									
						1.32	1.26	1.16	1.02	0.83	0.58	0.28									
						1.18	1.23	1.27	1.30	1.32	1.32	1.30									
6DT20	10	3.52 10.52											72	64	56	49	43	38	32		
													1.74	1.66	1.54	1.36	1.09	0.76	0.36		
													2.09	2.13	2.15	2.16	2.15	2.11	2.06		



Section Properties									
Designation	b (in.)	h (in.)	b _t /b _w (in.)	I (in. ⁴)	y _b (in.)	Z _b (in. ³)	Z _t (in. ³)	wt (plf)	
5DT18+2	5' - 0"	18	5.92/3.25	10,507	14.17	742	1802	403	
6DT12+2½	6' - 0"	12	5.25/3.50	4244	10.54	403	1071	396	
6DT16+2½	6' - 0"	16	5.88/3.50	9032	13.36	676	1757	442	
6DT20+2½	6' - 0"	20	6.50/3.50	16,472	16.01	1029	2538	493	

Table of Safe Superimposed Loads, Cambers and Deflections

2" Normal Weight Topping

Designation	No. Strand	e _e e _c	Span, ft.												
			46	47	48	49	50	51	52	53	54	55	56	57	58
5DT18+2	8	3.48 9.73	95*	89*	82	75	68	61	55	49	44	39	34	29	25
			1.61	1.62	1.62	1.61	1.59	1.56	1.53	1.48	1.42	1.33	1.22	1.09	0.95
			1.46	1.51	1.56	1.59	1.61	1.63	1.65	1.67	1.69	1.70	1.70	1.70	1.70

Designation	No. Strand	e _e e _c	Span, ft.																		
			22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	
6DT12+2½	4	3.80 6.55	171*	134*	106*	83*	65*	46	29												
			0.68	0.78	0.86	0.90	0.92	0.90	0.84												
			0.39	0.46	0.54	0.63	0.72	0.77	0.82												
6DT16+2½	6	4.46 8.63							175*	146*	122*	103*	86*	72*	56	42	30				
									1.00	1.09	1.17	1.25	1.31	1.35	1.32	1.26	1.16				
									0.64	0.72	0.81	0.90	0.99	1.09	1.16	1.21	1.26				
6DT20+2½	8	5.02 10.77											147*	127*	110*	95*	81*	67	54	42	32
													1.31	1.39	1.45	1.49	1.51	1.50	1.43	1.32	1.18
													0.96	1.04	1.13	1.22	1.32	1.38	1.43	1.47	1.51

*Capacity governed by ultimate strength
f_c = 5000 psi f_{pu} = 270,000 psi

Values below heavy line require release strength higher than 3500 psi