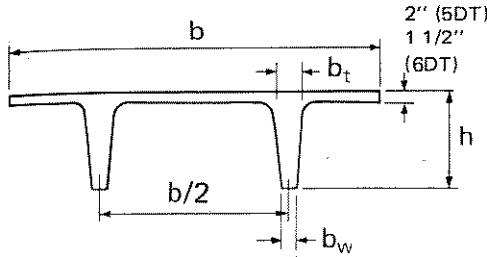


# DOUBLE TEE TYPE "B" LOAD TABLE

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



Section Properties									
Designation	b (in.)	h (in.)	b <sub>t</sub> /b <sub>w</sub> (in.)	A (in. <sup>2</sup> )	I (in. <sup>4</sup> )	y <sub>b</sub> (in.)	Z <sub>b</sub> (in. <sup>3</sup> )	Z <sub>t</sub> (in. <sup>3</sup> )	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 <sub>e</sub> e <sub>c</sub>	Span, ft.													
			50	51	52	53	54	55	56	57	58	59	60	61	62	63
			5DT18	8	3.48 9.73	79* 1.59 1.72	74* 1.56 1.75	69* 1.53 1.77	65* 1.48 1.80	61 1.42 1.81	57 1.33 1.82	53 1.22 1.82	49 1.09 1.81	45 0.95 1.80	42 0.80 1.78	39 0.62 1.76

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

\*Capacity governed by ultimate strength Values below heavy line require release strength higher than 35000 psi

$f'_c = 5000$  psi

$f_{pu} = 270,000$  psi