

**Maximum Uniformly Distributed Service Load (psf)**

Strand pattern	Clear Span (ft)																
	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72
86	164	141	122	105	90	76	65	54	45	36							
106		152	142	132	115	99	86	74	63	53	45	37					
126					115	107	100	91	79	68	58	50	42	35			
146									80	74	68	61	52	44	34	31	
166													54	49	45	38	31

**Estimated 28-Day Camber (in.)**

Strand pattern	Clear Span (ft)																
	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72
86	0.70	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.70	0.70							
106		1.00	1.00	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.00	1.00					
126					1.30	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.30	1.20			
146									1.70	1.70	1.70	1.70	1.60	1.60	1.50	1.40	
166													1.90	1.90	1.80	1.70	1.60

$A_g = 914 \text{ in}^2$   
 $I_x = 61707 \text{ in}^4$   
 $y_b = 22.81 \text{ in}$   
 $w_{sw} = 952 \text{ plf}$   
 $f'_{ci} = 4000 \text{ psi}$   
 $f'_c = 6000 \text{ psi}$   
 Strand: 0.6" PULLED TO 70%

**NOTES:**

- TABULATED UNIFORM DISTRIBUTED LOADS IN THIS TABLE ARE BASED ON ACI 318-14/318R-14.
- ALL CALCULATED LOADS ARE CONSIDERED AS SUPERIMPOSED TOTAL LOAD BASED ON EQUAL MAGNITUDE OF DEAD AND LIVE LOAD.
- DOUBLE TEE IS 1½ HOUR FIRE RATED PER IBC 2006. FOR HIGHER FIRE RATING OR ALTERNATE CODES, PLEASE CONTACT KP.
- CONCENTRATED LOADS ON FLANGES REQUIRE SPECIAL CONSIDERATION AND MAY INCUR A COST SURCHARGE.
- FOR SPANS OR CONDITIONS NOT COVERED BY THIS TABLE PLEASE CONTACT KP.
- SHADED LOADS REQUIRE NON-STANDARD REINFORCING AND MAY INCUR A COST SURCHARGE (165psf MAXIMUM SUPERIMPOSED LOAD FOR STD. FLANGE REINFORCING).

