

**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	161	141	123	108	95	83	73	63	55	48	41	35					
106	169	158	148	132	116	103	91	81	71	63	55	48	42	32			
126					123	116	107	95	85	75	67	59	52	46	40	34	
146								96	90	85	76	68	60	54	47	42	36
166												70	66	60	63	47	42

**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	0.90	1.00	1.00	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.00					
106	1.10	1.20	1.30	1.30	1.40	1.40	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.40			
126					1.60	1.70	1.70	1.80	1.80	1.90	1.90	1.90	1.90	1.90	1.80	1.70	
146								2.00	2.10	2.10	2.20	2.20	2.20	2.20	2.20	2.10	2.00
166												2.40	2.40	2.40	2.40	2.30	2.30

$A_g = 626 \text{ in}^2$   
 $I_x = 45511 \text{ in}^4$   
 $y_b = 19.97 \text{ in}$   
 $W_{sw} = 652f$   
 $f'_{ci} = 4000 \text{ psi}$   
 $f'_c = 6000 \text{ psi}$   
 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 (78psf MAXIMUM SUPERIMPOSED LOAD FOR STD. FLANGE REINFORCING).

