

APPENDIX F.

Tables showing the Strains in the Fixed Spans, in Pounds.

248 Ft. SPAN.

LENGTH, 246 FT.; END HEIGHT, 22 FT.; CENTRAL HEIGHT, 31.25 FT.; DEAD LOAD ON EACH TRUSS, PER FOOT, 1,330 LBS.; LIVE LOAD, 1,120 LBS.

No. PANEL.	UPPER CHORD.	LOWER CHORD.	MAIN BRACE.	MAIN TIE.	COUNTER BRACE.	COUNTER TIE.
1	86,600	71,514	164,400	172,200	.....	.....
2	225,750	201,363	146,700	153,700	.....	.....
3	350,600	304,993	129,200	142,400	.....	.....
4	417,500	389,445	118,075	123,800	.....	.....
5	482,575	454,115	98,120	113,450	.....	.....
6	530,000	506,385	86,110	95,200	.....	24,860
7	568,000	565,400	65,800	84,410	23,900	24,900
8	588,050	572,560	51,100	65,650	24,650	33,400
9	593,000	583,973	34,300	50,860	33,320	34,300

198 Ft. SPAN.

LENGTH, 198 FT.; END HEIGHT, 22 FT.; CENTRAL HEIGHT, 26 FT.; DEAD LOAD ON EACH TRUSS, PER FOOT, 1,250 LBS.; LIVE LOAD, 1,120 LBS.

No. PANEL.	UPPER CHORD.	LOWER CHORD.	MAIN BRACE.	MAIN TIE.	COUNTER BRACE.	COUNTER TIE.
1	66,700	55,570	115,570	133,936	.....	.....
2	177,500	167,241	106,102	116,490	.....	.....
3	267,200	257,818	88,097	109,095	.....	.....
4	337,500	327,823	77,395	88,884	.....	.....
5	390,200	380,008	58,816	78,470	17,255	17,926
6	424,050	413,592	47,458	59,359	18,091	26,818
7	437,720	428,015	27,654	47,458	26,818	27,654