

## APPENDIX 20 WEIGHT CHART (PLATE 25-4)

### GREEN AND BONUS OVERLOADS\*

MAXIMUM PERMIT WEIGHT ON TANDEM AXLES = 52,000 POUNDS

Example: 8' - 0" Distance Between First and Last Axle in Feet

43,680
50,232
54,600

4 tires, 8' - 0" Wide  
8 tires, 8' - 0" Wide  
8 tires, 10' - 0" Wide

Green Load = 1.3 x 700 (L + 40)  
Green Load (+ 15%) = 1.15 x 1.3 x 700 (L + 40)  
Green Load (+ 25%) = 1.25 x 1.3 x 700 (L + 40)

IN. FT.	0	1	2	3	4	5	6	7	8	9	10	11
2	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000
3	24,000	24,000	24,000	24,000	24,000	24,000	39,585	39,661	39,737	39,813	39,888	39,964
4	40,040	40,116	40,192	40,268	40,343	40,419	40,495	40,571	40,647	40,723	40,798	40,874
5	40,950	41,026	41,102	41,178	41,253	41,329	41,405	41,481	41,557	41,633	41,708	41,784
6	41,860	41,936	42,012	42,088	42,163	42,239	42,315	42,391	42,467	42,543	42,618	42,694
7	42,770	42,846	42,922	42,998	43,073	43,149	43,225	43,301	43,377	43,453	43,528	43,604
8	43,680	43,756	43,832	43,908	43,983	44,059	44,135	44,211	44,287	44,363	44,438	44,514
9	44,590	44,666	44,742	44,818	44,893	44,969	45,045	45,121	45,197	45,273	45,348	45,424
10	45,500	45,576	45,652	45,728	45,803	45,879	45,955	46,031	46,107	46,183	46,258	46,334
11	46,410	46,486	46,562	46,638	46,713	46,789	46,865	46,941	47,017	47,093	47,168	47,244
12	47,320	47,396	47,472	47,548	47,623	47,699	47,775	47,851	47,927	48,003	48,078	48,154
13	48,230	48,306	48,382	48,458	48,533	48,609	48,685	48,761	48,837	48,913	48,988	49,064
14	49,140	49,216	49,292	49,368	49,443	49,519	49,595	49,671	49,747	49,823	49,898	49,974
15	50,050	50,126	50,202	50,278	50,353	50,429	50,505	50,581	50,657	50,733	50,808	50,884
16	50,960	51,036	51,112	51,188	51,263	51,339	51,415	51,491	51,567	51,643	51,718	51,794
17	51,870	51,946	52,022	52,098	52,173	52,249	52,325	52,401	52,477	52,553	52,628	52,704
18	52,780	52,856	52,932	53,008	53,083	53,159	53,235	53,311	53,387	53,463	53,538	53,614

\* A set of tandem axles with spacing between axles of less than 3' - 6" is considered as a single axle.