

STRESS TABLE

Members	Service I		Strength I		Strength III	
	Axial	Bending	Axial	Bending	Axial	Bending
Front Lower Chord						
L1 L2	-5.2	37.7	0.9	56.3	-26.4	36.9
L2 L3	22.9	34.6	47.6	51.3	-13.9	34.1
L3 L4	46.6	37.8	85.9	56.0	-0.9	37.4
L4 L5	65.7	38.7	115.7	57.1	12.7	38.7
L5 L6	80.4	39.5	137.2	58.4	26.9	39.1
L6 L7	90.0	40.7	149.4	58.9	41.0	43.3
L7 L8	90.3	40.6	149.4	58.9	42.1	43.3
L8 L9	85.1	39.6	137.9	58.5	47.0	39.4
L9 L10	74.7	39.0	117.0	57.2	51.8	39.7
L10 L11	60.1	38.2	87.8	56.1	57.3	39.1
L11 L12	40.8	35.1	50.1	51.4	63.4	36.2
L12 L13	17.1	38.5	4.0	56.4	69.9	40.2
Rear Lower Chord						
L14 L15	0.4	40.3	0.5	59.6	0.6	40.8
L15 L16	39.8	36.9	49.2	54.3	60.6	37.7
L16 L17	71.7	40.2	89.2	59.2	108.1	40.8
L17 L18	96.0	41.0	120.2	60.4	143.0	41.2
L18 L19	112.8	42.1	142.3	61.8	165.5	42.7
L19 L20	122.0	41.7	155.3	62.5	175.1	39.3
L20 L21	117.6	41.6	154.7	62.5	156.1	39.0
L21 L22	104.0	41.8	141.1	61.7	127.4	41.8
L22 L23	82.8	40.6	118.3	60.4	86.0	39.7
L23 L24	54.0	39.7	86.7	59.2	31.9	38.6
L24 L25	17.7	36.3	46.1	54.2	-34.6	36.9
L25 L26	-26.1	39.4	-3.2	59.5	-113.8	36.9
Front Upper Chord						
U1 U2	-37.7	14.8	-47.0	20.9	-56.7	15.7
U2 U3	-68.2	7.0	-85.0	10.1	-102.5	6.5
U3 U4	-91.9	7.2	-114.5	10.2	-138.0	6.8
U4 U5	-108.7	8.9	-135.5	12.5	-163.1	8.9
U5 U6	-118.9	9.4	-148.3	13.5	-178.2	9.1
U6 U7	-121.5	10.5	-151.6	13.8	-182.2	13.7
U7 U8	-121.5	10.5	-151.6	13.8	-182.2	13.7
U8 U9	-118.8	9.5	-148.3	13.5	-178.2	9.4
U9 U10	-108.7	9.1	-135.5	12.6	-163.0	9.9
U10 U11	-91.8	7.5	-114.5	10.2	-137.8	8.4
U11 U12	-68.2	7.6	-85.0	10.2	-102.3	8.8
U12 U13	-37.7	13.8	-47.0	20.8	-56.5	11.7
Rear Upper Chord						
U14 U15	-34.1	15.3	-49.5	22.1	-33.6	15.4
U15 U16	-56.8	7.7	-89.8	10.5	-37.5	8.4
U16 U17	-74.3	7.7	-121.1	10.6	-39.7	8.2
U17 U18	-86.6	9.3	-143.5	13.0	-40.2	9.5
U18 U19	-93.7	10.1	-157.1	14.0	-38.8	10.7
U19 U20	-95.5	9.6	-161.5	14.6	-35.8	7.5
U20 U21	-95.7	9.6	-161.5	14.6	-37.0	6.9
U21 U22	-94.0	9.9	-157.1	14.0	-40.0	9.8
U22 U23	-86.9	8.9	-143.5	13.0	-41.4	7.9
U23 U24	-74.6	7.2	-121.1	10.5	-41.0	6.0
U24 U25	-57.1	7.0	-89.8	10.5	-38.8	5.6
U25 U26	-34.4	16.4	-49.6	22.2	-34.9	20.2
Front Truss Vertical						
L2 U2	-20.4	0.4	-29.2	0.5	-20.6	0.5
L3 U3	-16.1	0.4	-23.1	0.5	-16.4	0.5
L4 U4	-11.6	0.3	-16.6	0.4	-11.9	0.4
L5 U5	-7.2	0.2	-10.2	0.3	-7.5	0.3
L6 U6	-2.7	0.1	-3.8	0.1	-3.0	0.3
L7 U7	-0.4	0.0	-0.5	0.0	-0.2	0.0
L8 U8	-2.6	0.1	-3.7	0.1	-2.2	0.3
L9 U9	-7.0	0.2	-10.2	0.2	-6.7	0.3
L10 U10	-11.4	0.3	-16.6	0.4	-11.1	0.3
L11 U11	-15.9	0.4	-23.0	0.5	-15.6	0.4
L12 U12	-20.2	0.4	-29.2	0.5	-19.8	0.4
Rear Truss Vertical						
L15 U15	-21.3	0.4	-30.8	0.6	-21.1	0.4
L16 U16	-16.9	0.4	-24.4	0.6	-16.6	0.3
L17 U17	-12.2	0.2	-17.6	0.4	-11.9	0.1
L18 U18	-7.5	0.2	-10.8	0.3	-7.2	0.0
L19 U19	-2.8	0.1	-4.1	0.1	-2.6	0.1
L20 U20	-0.6	0.0	-0.7	0.0	-0.7	0.0
L21 U21	-3.0	0.1	-4.1	0.1	-3.4	0.1
L22 U22	-7.7	0.2	-10.9	0.3	-8.0	0.1
L23 U23	-12.3	0.3	-17.6	0.4	-12.7	0.2
L24 U24	-17.1	0.4	-24.4	0.6	-17.4	0.4
L25 U25	-21.5	0.4	-30.9	0.6	-21.9	0.5

Service I Strength I Strength III

Members Axial Bending Axial Bending Axial Bending

Front Lower Chord

L1 L2 -5.2 37.7 0.9 56.3 -26.4 36.9

L2 L3 22.9 34.6 47.6 51.3 -13.9 34.1

L3 L4 46.6 37.8 85.9 56.0 -0.9 37.4

L4 L5 65.7 38.7 115.7 57.1 12.7 38.7

L5 L6 80.4 39.5 137.2 58.4 26.9 39.1

L6 L7 90.0 40.7 149.4 58.9 41.0 43.3

L7 L8 90.3 40.6 149.4 58.9 42.1 43.3

L8 L9 85.1 39.6 137.9 58.5 47.0 39.4

L9 L10 74.7 39.0 117.0 57.2 51.8 39.7

L10 L11 60.1 38.2 87.8 56.1 57.3 39.1

L11 L12 40.8 35.1 50.1 51.4 63.4 36.2

L12 L13 17.1 38.5 4.0 56.4 69.9 40.2

Rear Lower Chord

L14 L15 0.4 40.3 0.5 59.6 0.6 40.8

L15 L16 39.8 36.9 49.2 54.3 60.6 37.7

L16 L17 71.7 40.2 89.2 59.2 108.1 40.8

L17 L18 96.0 41.0 120.2 60.4 143.0 41.2

L18 L19 112.8 42.1 142.3 61.8 165.5 42.7

L19 L20 122.0 41.7 155.3 62.5 175.1 39.3

L20 L21 117.6 41.6 154.7 62.5 156.1 39.0

L21 L22 104.0 41.8 141.1 61.7 127.4 41.8

L22 L23 82.8 40.6 118.3 60.4 86.0 39.7

L23 L24 54.0 39.7 86.7 59.2 31.9 38.6

L24 L25 17.7 36.3 46.1 54.2 -34.6 36.9

L25 L26 -26.1 39.4 -3.2 59.5 -113.8 36.9

Front Upper Chord

U1 U2 -37.7 14.8 -47.0 20.9 -56.7 15.7

U2 U3 -68.2 7.0 -85.0 10.1 -102.5 6.5

U3 U4 -91.9 7.2 -114.5 10.2 -138.0 6.8

U4 U5 -108.7 8.9 -135.5 12.5 -163.1 8.9