

Spans 1 and 4
Truss Member Unfactored Axial Loads (kips)

Member Type	Member ID	Dead Load	HS-20-44		2F-1		3F-1		4F-1		5C-1	
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
Upper chord	U1-U2	-307	0	-129	0	-48	0	-72	0	-84	0	-110
	U2-U3	-356	0	-150	0	-55	0	-83	0	-97	0	-127
	U3-U4	-378	0	-159	0	-58	0	-89	0	-103	0	-132
	U4-U5	-378	0	-159	0	-58	0	-89	0	-103	0	-132
	U5-U6	-356	0	-150	0	-55	0	-83	0	-97	0	-127
	U6-U7	-307	0	-129	0	-48	0	-72	0	-83	0	-110
Lower Chord	L0-L1	211	87	0	32	0	49	0	57	0	75	0
	L1-L2	211	87	0	32	0	49	0	57	0	75	0
	L2-L3	299	126	0	47	0	70	0	81	0	108	0
	L3-L4	355	149	0	55	0	83	0	97	0	126	0
	L4-L5	355	149	0	55	0	83	0	97	0	126	0
	L5-L6	299	126	0	47	0	70	0	81	0	108	0
	L6-L7	211	87	0	32	0	49	0	47	0	75	0
	L7-L8	211	87	0	32	0	49	0	57	0	75	0
Diagonals	U1-L0	-324	0	-148	0	-50	0	-75	0	-88	0	-116
	U1-L2	137	78	-24	30	-14	45	-19	52	-20	67	-16
	U2-L3	95	68	-36	29	-17	44	-26	50	-29	63	-25
	U3-L4	41	61	0	20	0	31	0	35	0	38	0
	U4-L3	0	45	0	27	0	41	0	47	0	56	0
	U4-L5	0	45	0	27	0	41	0	47	0	56	0
	U5-L4	41	61	0	20	0	31	0	35	0	38	0
	U6-L5	95	68	-36	29	-17	44	-26	50	-29	63	-25
	U7-L6	137	78	-24	30	-14	45	-19	52	-20	67	-16
	U7-L8	-324	0	-148	0	-50	0	-75	0	-88	0	-116
Verticals	U1-L1	71	80	0	42	0	62	0	69	0	61	0
	U2-L2	-43	45	-44	22	-19	32	-29	36	-33	32	-41
	U3-L3	-14	46	-43	21	-19	32	-29	36	-33	39	-39
	U4-L4	-6	50	-37	22	-17	34	-25	39	-29	46	-31
	U5-L5	-14	46	-43	21	-19	32	-29	36	-33	39	-39
	U6-L6	-43	45	-48	22	-19	32	-29	36	-33	32	-41
	U7-L7	71	80	0	42	0	62	0	69	0	61	0