

Spans 2 and 3
Truss Member Unfactored Axial Loads (kips)

Member Type	Member ID	Dead Load	HS-20-44		2F-1		3F-1		4F-1		5C-1		Truck Train	
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
Upper chord	U1-U2	-428	0	-168	0	-51	0	-77	0	-90	0	-121	0	-174
	U2-U3	-492	0	-194	0	-58	0	-88	0	-103	0	-140	0	-196
	U3-U4	-537	0	-212	0	-63	0	-96	0	-112	0	-151	0	-214
	U4-U5	-558	0	-220	0	-66	0	-100	0	-116	0	-155	0	-222
	U5-U6	-558	0	-220	0	-66	0	-100	0	-116	0	-155	0	-222
	U6-U7	-537	0	-212	0	-63	0	-96	0	-112	0	-151	0	-214
	U7-U8	-492	0	-194	0	-58	0	-88	0	-103	0	-140	0	-196
	U8-U9	-428	0	-168	0	-51	0	-77	0	-90	0	-121	0	-174
Lower Chord	L0-L1	290	113	0	34	0	52	0	60	0	83	0	121	0
	L1-L2	290	113	0	34	0	52	0	60	0	83	0	121	0
	L2-L3	413	163	0	49	0	74	0	86	0	117	0	168	0
	L3-L4	486	192	0	58	0	87	0	102	0	138	0	193	0
	L4-L5	536	212	0	63	0	96	0	112	0	151	0	214	0
	L5-L6	536	212	0	63	0	96	0	112	0	151	0	214	0
	L6-L7	486	192	0	58	0	87	0	102	0	138	0	193	0
	L7-L8	413	163	0	49	0	74	0	86	0	117	0	168	0
	L8-L9	290	113	0	34	0	52	0	60	0	83	0	121	0
	L9-L10	290	113	0	34	0	52	0	60	0	83	0	121	0
Diagonals	U1-L0	-436	0	-184	28	-15	43	-21	50	-22	68	-18	91	-17
	U1-L2	185	92	-26	26	-19	39	-28	45	-32	60	-28	76	-29
	U2-L3	124	76	-40	27	-19	41	-29	47	-33	62	-36	73	-37
	U3-L4	93	73	-42	26	0	39	0	45	0	57	0	63	0
	U4-L5	42	63	0	21	0	32	0	36	0	44	0	47	0
	U5-L4	0	47	0	0	-51	0	-78	0	-91	0	-124	0	-181
	U5-L6	0	47	0	0	-51	0	-78	0	-91	0	-124	0	-181
	U6-L5	42	63	0	21	0	32	0	36	0	44	0	47	0
	U7-L6	93	73	-42	26	0	39	0	45	0	57	0	63	0
	U8-L7	124	76	-40	27	-19	41	-29	47	-33	62	-36	73	-37
Verticals	U9-L8	185	92	-26	26	-19	39	-28	45	-32	60	-28	76	-29
	U9-L10	-436	0	-184	28	-15	43	-21	50	-22	68	-18	91	-17
	U1-L1	70	81	0	42	0	63	0	70	0	61	0	61	0
	U2-L2	-75	48	-54	23	-19	34	-28	38	-33	35	-44	35	-55
	U3-L3	-36	51	-48	23	-18	35	-27	40	-32	44	-41	45	-49
	U4-L4	-14	48	-46	21	-19	32	-29	37	-33	45	-42	48	-46
	U5-L5	-7	53	-40	22	-18	33	-27	38	-32	49	-37	49	-37
	U6-L6	-14	48	-46	21	-19	32	-29	37	-33	45	-42	48	-46
	U7-L7	-36	51	-48	23	-18	35	-27	40	-32	44	-41	45	-49
	U8-L8	-75	48	-54	23	-19	34	-28	38	-33	35	-44	35	-55
	U9-L9	70	81	0	42	0	63	0	70	0	61	0	61	0