

Spans 1 and 4				
Truss Member Unfactored Axial Loads				
Member Type	Member ID	Dead Load (Kips)	HS-20-44 (Kips)	
			Max.	Min.
Upper Chord	U1-U2	-306.6	0	-109.37
	U2-U3	-355.8	0	-126.01
	U3-U4	-378.1	0	-132.95
	U4-U5	-378.1	0	-132.95
	U5-U6	-355.8	0	-126.01
	U6-U7	-306.6	0	-109.37
Lower Chord	L0-L1	210.6	74.73	0
	L1-L2	210.6	74.73	0
	L2-L3	299.4	106.82	0
	L3-L4	354.9	125.67	0
	L4-L5	354.9	125.67	0
	L5-L6	299.4	106.82	0
	L6-L7	210.6	74.73	0
	L7-L8	210.6	74.73	0
Diagonals	U1-L0	-324.3	0	-115.06
	U1-L2	136.7	67.83	-23.93
	U2-L3	95	65.79	-36.13
	U3-L4	41.1	60.64	0
	U4-L3	0	44.86	0
	U4-L5	0	44.86	0
	U5-L4	41.1	60.64	0
	U6-L5	95	65.79	-36.13
Verticals	U7-L6	136.7	67.83	-23.93
	U7-L8	-324.3	0	-115.06
	U1-L1	71.3	79.55	0
	U2-L2	-43	45.49	-43.1
	U3-L3	-13.7	46.19	-42.63
	U4-L4	-5.7	50.06	-37.03
	U5-L5	-13.7	46.19	-42.63
	U6-L6	-43	45.49	-43.1
	U7-L7	71.3	79.55	0

Spans 2 and 3				
Truss Member Unfactored Axial Loads				
Member Type	Member ID	Dead Load (Kips)	HS-20-44 (Kips)	
			Max.	Min.
Upper Chord	U1-U2	-427.7	0	-117.97
	U2-U3	-491.8	0	-134.89
	U3-U4	-536.9	0	-146.79
	U4-U5	-558.4	0	-151.85
	U5-U6	-558.4	0	-151.85
	U6-U7	-536.9	0	-146.79
	U7-U8	-491.8	0	-134.89
	U8-U9	-427.7	0	-117.97
Lower Chord	L0-L1	290.2	79.82	0
	L1-L2	290.2	79.82	0
	L2-L3	413.2	113.98	0
	L3-L4	485.7	133.19	0
	L4-L5	536.2	146.58	0
	L5-L6	536.2	146.58	0
	L6-L7	485.7	133.19	0
	L7-L8	413.2	113.98	0
	L8-L9	290.2	79.82	0
	L9-L10	290.2	79.82	0
Diagonals	U1-L0	-435.8	0	-119.85
	U1-L2	184.6	65.94	-25.9
	U2-L3	123.9	59.71	-40.14
	U3-L4	93.1	62.28	-42.47
	U4-L5	42	59.34	0
	U5-L4	0	47.39	0
	U5-L6	0	47.39	0
	U6-L5	42	59.34	0
	U7-L6	93.1	62.28	-42.47
	U8-L7	123.9	59.71	-40.14
Verticals	U9-L8	184.6	65.94	-25.9
	U9-L10	-435.8	0	-119.85
	U1-L1	69.7	80.99	0
	U2-L2	-75.3	47.78	-43.26
	U3-L3	-36.3	51.09	-41.69
	U4-L4	-14.4	48.13	-43.68
	U5-L5	-7.4	50.32	-40.18
	U6-L6	-14.4	48.13	-43.68
	U7-L7	-36.3	51.09	-41.69
	U8-L8	-75.3	47.78	-43.26
	U9-L9	69.7	80.99	0