

Table 3 - Truss Cost

Member	# Members	Length (ft)	Members Selected	Weight per Foot (lbs/ft)	Total Member Weight (lbs)	
Top Chord	8	8	2L6x6x1/2	39.2	313.60	
Diagonals	8	8.94	2L3.5x3.5x7/16	19.6	175.22	
Verticals	7	4	2L2x2x1/8	3.3	13.20	
Bottom Chord	6	8	2L4x4x3/4	37	296.00	
Total weight of steel for ONE Truss (lbs)					5778.99	
Total weight of steel for ONE Truss (Tons)					2.89	
				Units Required	Unit Cost	Total Cost
M - Total cost of steel for One Truss (\$)				5778.99 lbs	\$ 0.50 /lb	2889.496
E - Total cost of Erection for One Truss (\$)				2.89 tons	\$ 750.00 /ton	\$ 2,167.12
F1 - Total cost of Connections for One Truss (\$)				16 nodes	\$ 20.00 /node	\$ 320.00
F2 - Unique Member Fabrication Cost (\$)				4 members	\$ 100.00 /member	\$ 400.00
Total Cost for ONE Truss (M+E+F1+F2) ----->						\$ 5,776.62
Total Cost for Both Trusses ----->						\$ 11,553.24