

05 12 Structural Steel Framing

05 12 23 – Structural Steel for Buildings

05 12 23.17 Columns, Structural

			Crew	Daily Output	Labor- Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
								Labor	Equipment		
5300	7" to 10" wide, light section	G	E-2	15000	.004	Lb.	1.64	.23	.17	2.04	2.33
5400	Heavy section	G		18000	.003	↓	1.64	.19	.14	1.97	2.24
5500	Structural tubing, rect., 5" x 3" x 1/4" x 12'-0"	G		58	.966	Ea.	262	59	43	364	425
5550	6" x 4" x 5/16" x 12'-0"	G		54	1.037		410	63.50	46	519.50	600
5600	8" x 4" x 3/8" x 12'-0"	G		54	1.037		595	63.50	46	704.50	805
5650	10" x 6" x 3/8" x 14'-0"	G		50	1.120		960	68.50	49.50	1,078	1,200
5700	12" x 8" x 1/2" x 16'-0"	G		48	1.167	↓	1,775	71.50	51.50	1,898	2,125
6800	W Shape, A992 steel, 2 tier, W8 x 24	G		1080	.052	L.F.	43	3.18	2.30	48.48	55
6850	W8 x 31	G		1080	.052		56	3.18	2.30	61.48	69
6900	W8 x 48	G		1032	.054		86.50	3.32	2.40	92.22	103
6950	W8 x 67	G		984	.057		121	3.49	2.52	127.01	141
7000	W10 x 45	G		1032	.054		81	3.32	2.40	86.72	96.50
7050	W10 x 68	G		984	.057		122	3.49	2.52	128.01	143
7100	W10 x 112	G		960	.058		202	3.57	2.58	208.15	230
7150	W12 x 50	G		1032	.054		90	3.32	2.40	95.72	107
7200	W12 x 87	G		984	.057		157	3.49	2.52	163.01	180
7250	W12 x 120	G		960	.058		216	3.57	2.58	222.15	246
7300	W12 x 190	G		912	.061		340	3.76	2.72	346.48	385
7350	W14 x 74	G		984	.057		133	3.49	2.52	139.01	155
7400	W14 x 120	G		960	.058		216	3.57	2.58	222.15	246
7450	W14 x 176	G	↓	912	.061	↓	315	3.76	2.72	321.48	360
8090	For projects 75 to 99 tons, add					%	10%				
8092	50 to 74 tons, add						20%				
8094	25 to 49 tons, add						30%	10%			
8096	10 to 24 tons, add						50%	25%			
8098	2 to 9 tons, add						75%	50%			
8099	Less than 2 tons, add					↓	100%	100%			

05 12 23.18 Corner Guards

0010	CORNER GUARDS										
0020	Steel angle w/anchors, 1" x 1" x 1/4", 1.5#/L.F.		2 Carp	160	.100	L.F.	8	5.65		13.65	17.20
0100	2" x 2" x 1/4" angles, 3.2#/L.F.			150	.107		20.50	6		26.50	31.50
0200	3" x 3" x 5/16" angles, 6.1#/L.F.			140	.114		14	6.45		20.45	25
0300	4" x 4" x 5/16" angles, 8.2#/L.F.		↓	120	.133		17	7.50		24.50	30
0350	For angles drilled and anchored to masonry, add						15%	120%			
0370	Drilled and anchored to concrete, add						20%	170%			
0400	For galvanized angles, add						35%				
0450	For stainless steel angles, add					↓	100%				

05 12 23.20 Curb Edging

0010	CURB EDGING										
0020	Steel angle w/anchors, shop fabricated, on forms, 1" x 1", 0.8#/L.F.	G	E-4	350	.091	L.F.	1.99	5.70	.42	8.11	11.45
0100	2" x 2" angles, 3.92#/L.F.	G		330	.097		8.10	6.05	.45	14.60	18.75
0200	3" x 3" angles, 6.1#/L.F.	G		300	.107		13	6.65	.49	20.14	25
0300	4" x 4" angles, 8.2#/L.F.	G		275	.116		17.15	7.25	.54	24.94	30.50
1000	6" x 4" angles, 12.3#/L.F.	G		250	.128		25	8	.59	33.59	40.50
1050	Steel channels with anchors, on forms, 3" channel, 5#/L.F.	G		290	.110		10.25	6.90	.51	17.66	22.50
1100	4" channel, 5.4#/L.F.	G		270	.119		11.05	7.40	.55	19	24
1200	6" channel, 8.2#/L.F.	G		255	.125		17.15	7.80	.58	25.53	31.50
1300	8" channel, 11.5#/L.F.	G		225	.142		23.50	8.85	.66	33.01	40.50
1400	10" channel, 15.3#/L.F.	G		180	.178		31	11.10	.82	42.92	52
1500	12" channel, 20.7#/L.F.	G	↓	140	.229		41.50	14.25	1.05	56.80	69
2000	For curved edging, add					↓	35%	10%			