

32 17 Paving Specialties

32 17 13 – Parking Bumpers

		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
32 17 13.13 Metal Parking Bumpers										
0010	METAL PARKING BUMPERS									
0015	Bumper rails for garages, 12 ga. rail, 6" wide, with steel									
0020	posts 12'-6" OC, minimum	E-4	190	.168	L.F.	21	10.50	.78	32.28	40
0030	Average	"	165	.194	"	26	12.10	.89	38.99	48.50
0100	Maximum	E-4	140	.229	L.F.	31.50	14.25	1.05	46.80	57.50
0300	12" channel rail, minimum		160	.200		26	12.45	.92	39.37	49
0400	Maximum	↓	120	.267	↓	39.50	16.65	1.23	57.38	70
1300	Pipe bollards, conc. filled/paint, 8' L x 4' D hole, 6" diam.	B-6	20	1.200	Ea.	470	59.50	16.45	545.95	620
1400	8" diam.	↓	15	1.600		515	79	22	616	705
1500	12" diam.	↓	12	2		600	99	27.50	726.50	835
2030	Folding with individual padlocks	B-2	50	.800	↓	128	37		165	196
8000	Parking lot control, see Section 11 12 13.10									
8890	Security bollards, SS, lighted, hyd. incl. controls, Single Unit	L-7	.08	.337	Ea.	22,200	18,400		40,600	52,000
8900	Security bollards, SS, lighted, hyd., incl. controls, group of 3		.06	.509		45,900	27,800		73,700	92,000
8910	Group of 5	↓	.04	.683	↓	80,500	37,300		117,800	144,000

32 17 13.16 Plastic Parking Bumpers

0010	PLASTIC PARKING BUMPERS									
1200	Thermoplastic, 6" x 10" x 6'-0"	B-2	120	.333	Ea.	51	15.35		66.35	79

32 17 13.19 Precast Concrete Parking Bumpers

0010	PRECAST CONCRETE PARKING BUMPERS									
1000	Wheel stops, precast concrete incl. dowels, 6" x 10" x 6'-0"	B-2	120	.333	Ea.	46	15.35		61.35	73.50
1100	8" x 13" x 6'-0"	"	120	.333	"	90	15.35		105.35	122

32 17 13.26 Wood Parking Bumpers

0010	WOOD PARKING BUMPERS									
0020	Parking barriers, timber w/saddles, treated type									
0100	4" x 4" for cars	B-2	520	.077	L.F.	5.20	3.54		8.74	11
0200	6" x 6" for trucks		520	.077	"	11	3.54		14.54	17.35
0600	Flexible fixed stanchion, 2' high, 3" diameter	↓	100	.400	Ea.	35.50	18.40		53.90	66.50

32 17 23 – Pavement Markings

32 17 23.13 Painted Pavement Markings

0010	PAINTED PAVEMENT MARKINGS									
0020	Acrylic waterborne, white or yellow, 4" wide, less than 3,000 L.F.	B-78	20000	.002	L.F.	.14	.11	.03	.28	.35
0200	6" wide, less than 3,000 L.F.		11000	.004		.21	.20	.05	.46	.59
0500	8" wide, less than 3,000 L.F.		10000	.005		.27	.22	.06	.55	.69
0600	12" wide, less than 3,000 L.F.		4000	.012	↓	.41	.56	.14	1.11	1.44
0620	Arrows or gore lines		2300	.021	S.F.	.26	.98	.24	1.48	2.01
0640	Temporary paint, white or yellow, less than 3,000 L.F.	↓	15000	.003	L.F.	.16	.15	.04	.35	.43
0660	Removal	1 Clab	300	.027			1.22		1.22	1.81
0680	Temporary tape	2 Clab	1500	.011		.53	.49		1.02	1.30
0710	Thermoplastic, white or yellow, 4" wide, less than 6,000 L.F.	B-79	15000	.003		.92	.13	.09	1.14	1.30
0730	6" wide, less than 6,000 L.F.		14000	.003		1.38	.13	.10	1.61	1.83
0740	8" wide, less than 6,000 L.F.		12000	.003		1.84	.16	.11	2.11	2.38
0750	12" wide, less than 6,000 L.F.	↓	6000	.007	↓	2.71	.31	.23	3.25	3.71
0760	Arrows	B-79	660	.061	S.F.	2.76	2.85	2.08	7.69	9.55
0770	Gore lines		2500	.016		2.76	.75	.55	4.06	4.76
0780	Letters	↓	660	.061	↓	.92	2.85	2.08	5.85	7.55
1000	Airport painted markings									
1050	Traffic safety flashing truck for airport painting	A-2B	1	8	Day		405	340	745	975
1100	Painting, white or yellow, taxiway markings	B-78	4000	.012	S.F.	.44	.56	.14	1.14	1.47
1110	with 12 lb. beads per 100 S.F.		4000	.012		.52	.56	.14	1.22	1.56
1200	Runway markings	↓	3500	.014	↓	.44	.64	.16	1.24	1.61