

22-290-066 Guardrail Materials

22-290-066 Guardrail Materials			Ace Fence		Midstate Barrier		Statewide Traffic		Interstate / Trentman	
ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	Line Totals	UNIT PRICE	Line Totals	UNIT PRICE	Line Totals	UNIT PRICE	Line Totals
1	50	MGS Single Beam Rail	\$196.47	\$9,823.50	\$156.00	\$7,800.00	\$228.75	\$11,437.50	\$130.00	\$6,500.00
2	20	Three Beam Rail	\$304.50	\$6,090.00	\$242.00	\$4,840.00	\$351.88	\$7,037.60	\$247.00	\$4,940.00
3	10	MGS CAA Single Beam Rail	\$2,318.75	\$23,187.50	\$164.00	\$1,640.00	\$242.50	\$2,425.00	\$156.00	\$1,560.00
4	10	Type A Terminals	\$96.99	\$969.90	\$77.00	\$770.00	\$115.71	\$1,157.10	\$45.50	\$455.00
5	10	Type B Terminals	\$93.38	\$933.80	\$74.00	\$740.00	\$62.69	\$626.90	\$39.00	\$390.00
6	10	Type C Terminals	\$196.84	\$1,968.40	\$156.00	\$1,560.00	\$177.00	\$1,770.00	\$160.00	\$1,600.00
7	5	Trim. End Shoe W/9" Hole	\$191.03	\$955.15	\$152.00	\$760.00	\$184.86	\$924.30	\$121.00	\$605.00
8	10	Anchor Assembly Type 6 ft, Cable, End Plate, Pipe, Nut	\$953.75	\$9,537.50	\$188.00	\$1,880.00	\$383.50	\$3,835.00	\$130.00	\$1,300.00
9	5	MGS #5 Radius in feet Convex Single Beam Rail	\$498.75	\$2,493.75	\$219.00	\$1,095.00	\$512.86	\$2,564.30	\$375.00	\$1,875.00
10	5	MGS #5 Radius in feet Concave Single Beam Rail	\$498.75	\$2,493.75	\$219.00	\$1,095.00	\$512.86	\$2,564.30	\$375.00	\$1,875.00
11	5	MGS #10 Radius in feet Convex Single Beam Rail	\$498.75	\$2,493.75	\$219.00	\$1,095.00	\$512.86	\$2,564.30	\$375.00	\$1,875.00
12	5	MGS #10 Radius in feet Concave Single Beam Rail	\$498.75	\$2,493.75	\$219.00	\$1,095.00	\$512.86	\$2,564.30	\$375.00	\$1,875.00
13	5	MGS #15 Radius in feet Convex Single Beam Rail	\$481.25	\$2,406.25	\$219.00	\$1,095.00	\$512.86	\$2,564.30	\$375.00	\$1,875.00
14	5	MGS #15 Radius in feet Concave Single Beam Rail	\$481.25	\$2,406.25	\$219.00	\$1,095.00	\$512.86	\$2,564.30	\$375.00	\$1,875.00
15	5	MGS #20 Radius in feet Convex Single Beam Rail	\$481.25	\$2,406.25	\$219.00	\$1,095.00	\$512.86	\$2,564.30	\$375.00	\$1,875.00
16	5	MGS #20 Radius in feet Concave Single Beam Rail	\$481.25	\$2,406.25	\$219.00	\$1,095.00	\$512.86	\$2,564.30	\$375.00	\$1,875.00
17	5	MGS #25 Radius in feet Convex Single Beam Rail	\$437.50	\$2,187.50	\$219.00	\$1,095.00	\$512.86	\$2,564.30	\$375.00	\$1,875.00
18	5	MGS #25 Radius in feet Concave Single Beam Rail	\$437.50	\$2,187.50	\$219.00	\$1,095.00	\$512.86	\$2,564.30	\$375.00	\$1,875.00
19	5	MGS #30 Radius in feet Convex Single Beam Rail	\$393.75	\$1,968.75	\$219.00	\$1,095.00	\$512.86	\$2,564.30	\$375.00	\$1,875.00
20	5	MGS #30 Radius in feet Concave Single Beam Rail	\$393.75	\$1,968.75	\$219.00	\$1,095.00	\$512.86	\$2,564.30	\$375.00	\$1,875.00
21	5	MGS #35 Radius in feet Convex Single Beam Rail	\$376.25	\$1,881.25	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
22	5	MGS #35 Radius in feet Concave Single Beam Rail	\$376.25	\$1,881.25	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
23	5	MGS #40 Radius in feet Convex Single Beam Rail	\$358.75	\$1,793.75	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
24	5	MGS #40 Radius in feet Concave Single Beam Rail	\$358.75	\$1,793.75	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
25	5	MGS #45 Radius in feet Convex Single Beam Rail	\$323.75	\$1,618.75	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
26	5	MGS #45 Radius in feet Concave Single Beam Rail	\$323.75	\$1,618.75	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
27	5	MGS #50 Radius in feet Convex Single Beam Rail	\$323.75	\$1,618.75	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
28	5	MGS #50 Radius in feet Concave Single Beam Rail	\$323.75	\$1,618.75	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
29	5	MGS #55 Radius in feet Convex Single Beam Rail	\$306.25	\$1,531.25	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
30	5	MGS #55 Radius in feet Concave Single Beam Rail	\$306.25	\$1,531.25	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
31	5	MGS #60 Radius in feet Convex Single Beam Rail	\$306.25	\$1,531.25	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
32	5	MGS #60 Radius in feet Concave Single Beam Rail	\$306.25	\$1,531.25	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
33	5	MGS #65 Radius in feet Convex Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
34	5	MGS #65 Radius in feet Concave Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
35	5	MGS #70 Radius in feet Convex Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
36	5	MGS #70 Radius in feet Concave Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00

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ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	Line Totals	UNIT PRICE	Line Totals	UNIT PRICE	Line Totals	UNIT PRICE	Line Totals
37	5	MGS #75 Radius in feet Convex Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
38	5	MGS #75 Radius in feet Concave Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$374.38	\$1,871.90	\$375.00	\$1,875.00
39	5	MGS #80 Radius in feet Convex Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
40	5	MGS #80 Radius in feet Concave Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
41	5	MGS #85 Radius in feet Convex Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
42	5	MGS #85 Radius in feet Concave Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
43	5	MGS #90 Radius in feet Convex Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
44	5	MGS #90 Radius in feet Concave Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
45	5	MGS #95 Radius in feet Convex Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
46	5	MGS #95 Radius in feet Concave Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
47	5	MGS #100 Radius in feet Convex Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
48	5	MGS #100 Radius in feet Concave Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
49	5	MGS #110 Radius in feet Convex Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
50	5	MGS #110 Radius in feet Concave Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
51	5	MGS #120 Radius in feet Convex Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
52	5	MGS #120 Radius in feet Concave Single Beam Rail	\$288.75	\$1,443.75	\$219.00	\$1,095.00	\$340.00	\$1,700.00	\$375.00	\$1,875.00
53	350	5/8"x1-1/4" Button Head Bolts	\$0.72	\$252.00	\$0.60	\$210.00	\$0.76	\$266.00	\$0.46	\$161.00
54	600	5/8" Recess Nuts	\$0.65	\$390.00	\$0.55	\$330.00	\$0.65	\$390.00	\$0.46	\$276.00
55	100	5/8"x2" Bolts H.D.G.	\$1.23	\$123.00	\$0.85	\$85.00	\$1.20	\$120.00	\$0.72	\$72.00
56	75	5/8"x18" Bolts H.D.G.	\$13.56	\$1,017.00	\$5.50	\$412.50	\$12.99	\$974.25	\$4.10	\$307.50
57	40	5/8"x20" Bolts H.D.G.	\$15.75	\$630.00	\$7.15	\$286.00	\$13.86	\$554.40	\$4.42	\$176.80
58	40	5/8"x10" Bolts	\$3.99	\$159.60	\$3.15	\$126.00	\$3.09	\$123.60	\$2.28	\$91.20
59	150	5/8" Flat Washers	\$0.75	\$112.50	\$0.60	\$90.00	\$0.57	\$85.50	\$0.39	\$58.50
60	50	Meets CALTANS Specification 6"x8"x72" Yellow Pine Post-Two Hole	\$50.40	\$2,520.00	\$63.50	\$3,175.00	\$81.79	\$4,089.50	\$59.00	\$2,950.00
61	30	Meets CALTANS Specification 8"x8"x84" Yellow Pine Post-Two Hole	\$99.31	\$2,979.30	\$90.75	\$2,722.50	\$113.69	\$3,410.70	\$73.97	\$2,219.10
62	15	Meets CALTANS Specification 10"x10"x72" Yellow Pine Post-Two Hole	\$159.08	\$2,386.20	\$122.00	\$1,830.00	\$167.29	\$2,509.35	\$126.10	\$1,891.50
63	70	Meets CALTANS Specification 6"x8"x14" Yellow Pine Block	\$22.40	\$1,568.00	\$12.25	\$857.50	\$15.04	\$1,052.80	\$11.44	\$800.80
64	15	Meets CALTANS Specification 8"x8"x14" Yellow Pine Block	\$18.73	\$280.95	\$15.10	\$226.50	\$19.13	\$286.95	\$15.21	\$228.15
65	15	Meets CALTANS Specification 6"x8"x72" C.R.T. Yellow Pine Wood Post	\$87.15	\$1,307.25	\$70.50	\$1,057.50	\$157.45	\$2,361.75	\$58.89	\$883.35
66	15	Meets CALTANS Specification 5-1/2"x7"x45" B.L.A. Wood Post	\$210.00	\$3,150.00	\$52.50	\$787.50	\$59.79	\$896.85	\$88.20	\$1,323.00
67	15	Meets CALTANS Specification W6"x8.5"x72" Steel Post	\$110.51	\$1,657.65	\$95.00	\$1,425.00	\$121.07	\$1,816.05	\$70.20	\$1,053.00
68	15	14" Composite Block	\$19.06	\$285.90	\$9.00	\$135.00	\$9.78	\$146.70	\$5.66	\$84.90
69	5	Soil Tubes	\$428.75	\$2,143.75	\$206.00	\$1,030.00	\$400.00	\$2,000.00	\$279.50	\$1,397.50
70	30	MGS Single Beam Rail	\$366.86	\$11,005.80	\$184.00	\$5,520.00	\$228.75	\$6,862.50	\$156.00	\$4,680.00
71	6	MGS #25 Radius in feet Convex Single Beam Rail	\$687.50	\$4,125.00	\$264.00	\$1,584.00	\$512.86	\$3,077.16	\$400.00	\$2,400.00
72	6	MGS #35 Radius in feet Convex Single Beam Rail	\$591.25	\$3,547.50	\$264.00	\$1,584.00	\$374.38	\$2,246.28	\$400.00	\$2,400.00

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			Ace Fence		Midstate Barrier		Statewide Traffic		Interstate / Trentman	
ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	Line Totals	UNIT PRICE	Line Totals	UNIT PRICE	Line Totals	UNIT PRICE	Line Totals
73	6	MGS #45 Radius in feet Convex Single Beam Rail	\$508.75	\$3,052.50	\$264.00	\$1,584.00	\$374.38	\$2,246.28	\$400.00	\$2,400.00
74	6	MGS #60 Radius in feet Convex Single Beam Rail	\$481.25	\$2,887.50	\$264.00	\$1,584.00	\$374.38	\$2,246.28	\$400.00	\$2,400.00
75	40	5/8"x10" Bolts	\$4.54	\$181.60	\$4.00	\$160.00	\$3.09	\$123.60	\$2.93	\$117.20
76	150	5/8"x1-1/4" Button Head Bolts	\$2.26	\$339.00	\$1.40	\$210.00	\$0.76	\$114.00	\$0.78	\$117.00
77	150	5/8" Recess Nuts	\$1.38	\$207.00	\$1.40	\$210.00	\$0.65	\$97.50	\$0.78	\$117.00
78	100	5/8"x2" Bolts	\$1.93	\$193.00	\$0.85	\$85.00	\$1.20	\$120.00	\$1.98	\$198.00
79	40	5/8"x18" Bolts	\$26.81	\$1,072.40	\$7.00	\$280.00	\$12.99	\$519.60	\$5.20	\$208.00
80	40	5/8"x20" Bolts C-10	\$30.25	\$1,210.00	\$9.00	\$360.00	\$13.86	\$554.40	\$6.50	\$260.00
81	100	5/8" Flat Washers	\$0.88	\$88.00	\$0.80	\$80.00	\$0.57	\$57.00	\$0.46	\$46.00
			Ace Fence	\$179,075.65	Midstate	\$96,197.00	Statewide	\$156,828.20	Interstate	\$129,167.50