

MATERIAL TAKEOFF AND COST ESTIMATE

EXTERIOR IMPROVEMENTS



E-mail: Info@aaestimating.com
 Web: www.aaestimating.com
 Contact:
 QTO #
 Update:

SR.	DRAWING	DETAIL	CSI NO	DESCRIPTION	QTY.	WASTE	TOTAL QTY.	UNIT	UNIT PRICE	TOTAL PRICE
			01 00 00	DIVISION 01 - GENERAL REQUIREMENTS						
1				General Requirements	1	0%	1	LS	\$0	\$0
				Subtotal						
			32000	DIVISION 32 - EXTERIOR IMPROVEMENTS						
				ASPHALT PAVING						
2	BPP102	6,7/ BPP104		Sawcut, Remove and Replace Asphalt Pavement: - (3"Thk.) Asphaltic concrete surface course - (6"Thk.) Concrete plant mix base course - (6"Thk.) Compacted aggregate base - Compact subgrade	600	5%	630	SF	\$0	\$0
3	A035	6/A056		Sawcut, Remove and Replace Asphalt Pavement: - (1-1/2"Thk.) Asphaltic wearing course - (4"Thk.) Asphaltic binder course - (6"Thk.) Compacted aggregate base - Scarify (Min. 10"Deep) and compact subgrade	1450	5%	1522.5	SF	\$0	\$0
4	A035	7/A056		Mill and Repave Asphalt Pavement: - 1-1/2" Wearing course - Tack coat	3680	5%	3864	SF	\$0	\$0
5	C104			Asphaltic Pavement: - (1-1/2"Thk.) Asphaltic concrete wearing course - Type 7F - (3"Thk.) Asphaltic concrete base course - Type 1 - (6"Thk.) Compacted aggregate sub-base course - Compact subgrade	2500	5%	2625	SF	\$0	\$0
6	C106			Remove and replace asphalt pavement - NYCDOT	268	5%	281.4	SF	\$0	\$0
				CONCRETE PAVING						
7	BPP102	3/BPP104		Sawcut, Remove and Replace Concrete Sidewalk: - (4"Thk.) WWF Reinforced concrete slab - (6"Thk.) Compacted aggregate base - Compact subgrade	1800	5%	1890	SF	\$0	\$0
8	A030	Keynote 4 4/A031		Concrete Pavement: - (5"Thk.) Rebar reinforced concrete pavement - (8"Thk.) Compacted aggregate base - Compact controlled fill	985	5%	1034.25	SF	\$0	\$0
9	A403	Keynote 5 5/A031		Concrete Ramp: - (4"Thk.) Reinforced concrete slab - (6"Thk.) Compacted aggregate base - Compact subgrade	80	5%	84	SF	\$0	\$0
10	C104	2/C104		Concrete Apron Pavement: - (5"Thk.) Concrete apron slab - WWF6x6-W2.1xW2.1 Mesh reinforcement - (10MIL.) Polyethylene vapor barrier - (6"Thk.) Compacted aggregate base - Compact subgrade	2235	5%	2346.75	SF	\$0	\$0
11	C104			Concrete Sidewalk Pavement: - (4"Thk.) Concrete apron slab - WWF6x6-W2.1xW2.1 Mesh reinforcement - (4"Thk.) Compacted aggregate base - Compact subgrade	1160	5%	1218	SF	\$0	\$0
12	C104	3/C104		Utility Pad: - (12"Thk.) Rebar reinforced concrete pad - Vapor barrier - Compact subgrade	62	5%	65.1	SF	\$0	\$0
13	C106			Remove and replace concrete sidewalk - NYCDOT	50	5%	52.5	SF	\$0	\$0

			UNIT PAVERS						
14	BPP102	6/BPP103	Permeable Paving: - Permeable interlocking concrete paver w/ #8 joint filler material - (2"Thk.) Compacted #8 bedding - Non-Woven filter fabric - (6"Thk.) Compacted #57 base - (12"Thk.) Compacted #2 sub-base - Geotextile fabric - 12" Overlap @ ends - Compact subgrade	3450	5%	3622.5	SF	\$0	\$0
15	BPP102	4/BPP103	(1/4"Thk. x 6"H) Galv. steel edge plate	280	5%	294	LF	\$0	\$0
			GRAVEL PAVING						
16	C101	4/C503	Gravel Driving Surface: - (4"Thk.) Compacted gravel wear surface - (6"Thk.) Compacted stone base - Scarify and compact subgrade	18000	5%	18900	SF	\$0	\$0
17	C101	1/L102	Stabilized ABA Gravel Path: - Roller coat of gravel-lok liquid - (2"Thk.) Gravel -lock mixed w/ (1/8" to 1/2") #78 clean washed angular stone - (1"Thk.) Aggregate overfill adjustment layer - (6"Thk.) Cell-tek LSG geogrid w/ (1/4" to 3/4") #57 clean washed stone - Non-woven geotextile fabric - Compact subgrade	780	5%	819	SF	\$0	\$0
			CONCRETE CURB & GUTTERS						
18	C104		(Avg. 7"Thk. x 20"H) Pre-cast concrete curb	74	5%	77.7	LF	\$0	\$0
19	C106		Remove and replace steel faced concrete curb - NYCDOT	15	5%	15.75	LF	\$0	\$0
20	BPP201- BPP203	4/BPP301	(18"Hx7"thk.) Type1, class 'A', granite curb	900	5%	945	LF	\$0	\$0
21			Concrete cradle for granite curb	36	5%	37.8	CY	\$0	\$0
22			(6"thk.) Compacted gravel (Type1, Grade 8) bedding - 850 LF	26	5%	27.3	CY	\$0	\$0
23			Full depth expansion joint	850	5%	892.5	LF	\$0	\$0
24			C201	8/C501	(6"thk.x18"H) Reinf. Concrete curb	112	5%	117.6	LF
25	C201	11/C503	(12"thk.x18"H) Reinf. Concrete curb	36	5%	37.8	LF	\$0	\$0
26	C201	4/C502	(1/4"thk.x18"H) Reinf. Concrete curb	224	5%	235.2	LF	\$0	\$0
			COLORED ATHLETIC WEARING SURFACE						
27	A104	2/A712	Athletic wearing surface - By "Pliexipave" or approved equal	1210	5%	1270.5	SF	\$0	\$0
			FENCES AND GATES						
28	C201	6/C502	(7'H) Chain link fence	120	5%	126	LF	\$0	\$0
29	C201	1/C502	(10'H) Chain link fence incl. - (6'x7') Double gate - 1 EA	12	5%	12.6	LF	\$0	\$0
30	C201	1/C502	(15'H) Chain link fence incl. - (6'x7') Double gate - 3 EA	212	5%	222.6	LF	\$0	\$0
31	A202		Chain link fence w/ mesh & posts (23 LF) incl. - (8'5"Wx8'2"H) Double gate - 1 EA	215	5%	225.75	SF	\$0	\$0
32			(16"Dia.) Concrete footing (4 EA)	1	5%	1.05	CY	\$0	\$0
33	C201	1,12/C503	(6'H) Wrought iron fence	12	5%	12.6	LF	\$0	\$0
34			(6'Wx6'H) Wrought iron fence double gate	3	0%	3	EA	\$0	\$0
35			(1'x1'x2'6"D) Reinf. Concrete footing for W.I.F - 10 EA	1	5%	1.05	CY	\$0	\$0
36	A201	9-10/A201	(5'8"H) Wrought iron decorative fence	22	5%	23.1	LF	\$0	\$0
37			(9'11"Wx8'8-1/2"H) Wrought iron decorative double gate	1	0%	1	EA	\$0	\$0
			SYNTHETIC TURF - TPE INFILL						
38	A103 A104	2/A712	Remove and Replace Synthetic Turf: - Synthetic turf pile - 2-3/8"H - 1-1/2" Resilient infill - Ecofill - 1/4" Sand - 4'6" Compacted Aggregate base - Non-woven geotextile fabric	2600	5%	2730	SF	\$0	\$0
			COATING AND MARKINGS						
39	C104		(4"W) Parking lot striping	90	5%	94.5	LF	\$0	\$0
40	BPP201- BPP203		(4"W) Thermoplastic pavement striping	195	5%	204.75	LF	\$0	\$0
41			(12"W) Thermoplastic pavement striping	115	5%	120.75	LF	\$0	\$0
42	C201	1,2/C504	Prepare and paint asphalt pavement Note: Color & pattern shall be followed	7235	5%	7596.75	SF	\$0	\$0
43			(2"W) Basketball / Soccer court lines painted over asphalt	1152	5%	1209.6	LF	\$0	\$0
44			(16"Dia.) Compass logo painted over asphalt pavement	1	0%	1	EA	\$0	\$0

				LANDSCAPE						
				Trees:						
45	C202	Plant Schedule		(3"-3-1/2") 'Armstrong' Red maple	2	0%	2	EA	\$0	\$0
46				(3"-3-1/2") Autumn brilliance serviceberry	2	0%	2	EA	\$0	\$0
				Shrubs:						
47	C202	Plant Schedule		(2'-2'6"H) Dwarf sweet pepperbush	39	0%	39	EA	\$0	\$0
48				(3'-4'H) 'Jim dandy' wintersweet holly	13	0%	13	EA	\$0	\$0
				Ground Cover:						
49	C202	Plant Schedule		(#1Cont.) Common bearberry	120	0%	120	EA	\$0	\$0
50	C202	10-12/C501		(24"thk.) Topsoil	680	5%	714	SF	\$0	\$0
51				(36"thk.) Topsoil	216	5%	226.8	SF	\$0	\$0
52				(2"thk.) Mulch	285	5%	299.25	SF	\$0	\$0
53	C202	10-12/C501		(3"thk.) Mulch	215	5%	225.75	SF	\$0	\$0
54				(4"thk.) Mulch	284	5%	298.2	SF	\$0	\$0
55	C202	10-12/C501		Non-woven geotextile	884	5%	928.2	SF	\$0	\$0
56	C202	9/C501		(1/4"thk., 6"H) Galv. Steel edging	32	5%	33.6	LF	\$0	\$0
				Tree Pit as:						
57	BPP201- BPP203	6,7/BPP301		(3"thk.) Mulch	950	5%	997.5	SF	\$0	\$0
58				(24"thk.) Topsoil	950	5%	997.5	SF	\$0	\$0
59				(6"x8") Concrete curb	600	5%	630	LF	\$0	\$0
60				New trees on sidewalk	19	0%	19	EA	\$0	\$0
61	L100 - L101			Grass seeding - Hydroseeding	48500	5%	50925	SF	\$0	\$0
62	L100 - L101			SOD	8500	5%	8925	SF	\$0	\$0
				SITE FURNISHINGS						
63	C104			Detectable warning dome surface	40	5%	42	SF	\$0	\$0
64	C104			(12"x18") type A signage	2	0%	2	EA	\$0	\$0
65	C104			(48"x48") ADA sign painted over pavement	1	0%	1	EA	\$0	\$0
66	C104			ADA Parking sign set w/ post & footing	1	0%	1	EA	\$0	\$0
67	C104	4/C104		(6"Dia, Sch. 40) Concrete filled, galvanized painted steel pipe bollard	14	0%	14	EA	\$0	\$0
68	C104	4/C104		(2'x2'x3'6") Concrete footing for bollard	14	0%	14	EA	\$0	\$0
69	E004	E502		Reinforced concrete encasement around duct bank	6	5%	6.3	CY	\$0	\$0
70	E002	2,3/E002		(65"x24") Reinf. Concrete duct bank	3.5	5%	3.675	CY	\$0	\$0
71				(24"x16") Reinf. Concrete duct bank	14.5	5%	15.225	CY	\$0	\$0
72	C201	2/C504		(5-9/16"Dia.x10'H) Basketball post w/ fan shaped alum. Backboard and net	2	0%	2	EA	\$0	\$0
73	C201	3/C504		(2'6"wx9'8" Lx1'6" H) Precast concrete backless bench w/ acid-etched waterproofed finish	7	0%	7	EA	\$0	\$0
74	C201	3/C504		SS / Alum. Bike rack - Bike capacity - 22 EA	12	5%	12.6	LF	\$0	\$0
				Subtotal						
				TOTAL BASE BID						
Exclusions:					Abbreviations:					
1: N/A					w/ <> with ; o.c <> on center ; incl. <> including ; Reinf. <> Reinforced					