

**DESIGN DEVELOPMENT ESTIMATE
 OLD TOWN PARKING DECK
 FOR
 CITY OF TRAVERSE CITY**

07-06-09

SLAB ON GRADE: 45,246 sq. ft.
 SUPPORTED AREA: 131,382 sq. ft.
 TOTAL AREA: 176,628 sq. ft.

522 cars

338 sq. ft./car

	QUANTITY	UNIT COST	AMOUNT	COST/S.F.	COST/CAR
1	GENERAL CONDITIONS (includes permits)		\$376,352	\$2.13	\$721
2	SITE CLEARING		\$30,000 lump sum	\$0.17	\$57
3	CONSUMERS GUIDE POLE		\$60,000 lump sum	\$0.34	\$115
4	LANDSCAPING		\$25,000 lump sum	\$0.14	\$48
5	SITE WORK (includes alleys and walks)		\$165,000 lump sum	\$0.93	\$316
6	EARTHWORK (excav. & backfill)		5200 c.y. \$35.00 /c.y.	\$1.03	\$349
7	AUGER PILE FOUNDATION		131,382 sq. ft. \$5.30 ea	\$3.94	\$1,334
8	CONCRETE WALLS/POUR STRIPS		1 \$225,000 lump sum	\$1.27	\$431
9	C.I.P. SLAB ON GRADE		45,246 sq. ft. \$4.00 /sq. ft.	\$1.02	\$347
10	PRECAST SUPERSTRUCTURE		131,382 sq. ft. \$28.25 /sq. ft.	\$21.01	\$7,110
11	ELEVATORS (Holed Hydraulic)		2 \$90,000.00 ea	\$1.02	\$345
12	STAIR/ELEVATOR TOWERS (in precast)		2 \$ lump sum	\$0.00	\$0
13	GLASS AND GLAZING (incl. Lobbies)		4,400 sq. ft. \$35.00 /sq. ft.	\$0.87	\$295
14	TOWER ROOFS		2 \$15,000.00 ea	\$0.17	\$57
15	FLOOR SEALER		176,628 sq. ft. \$.25 /sq. ft.	\$0.25	\$85
16	WATERPROOFING/SEALANTS/CAULKING		176,628 sq. ft. \$.95 /sq. ft.	\$0.95	\$321
17	MASONRY (BLOCK)		1 \$30,000 lump sum	\$0.17	\$57
18	FINISHES (resilient tile, etc.)		1 \$40,000 lump sum	\$0.23	\$77
19	GENERAL PAINTING		176,628 sq. ft. \$.25 /sq. ft.	\$0.25	\$85
20	PARKING STALL PAINT		522 cars \$25.00 /car	\$0.07	\$25
21	SIGNAGE (interior and exterior)		522 cars \$200.00 /car	\$0.59	\$200
22	DOORS & HARDWARE		1 \$25,000 lump sum	\$0.14	\$48
23	PLUMBING/HVAC		176,628 sq. ft. \$.85 /sq. ft.	\$0.85	\$288
24	FIRE PROTECTION (standpipes)		176,628 sq. ft. \$.30 /sq. ft.	\$0.30	\$102
25	ELECTRICAL		176,628 sq. ft. \$2.75 /sq. ft.	\$2.75	\$931
26	UPS ELECTRICAL (backup power)		1 \$50,000 lump sum	\$0.28	\$96
27	MISC. METALS (railing, louvers, etc.)		176,628 sq. ft. \$1.65 /sq. ft.	\$1.65	\$558
28	ROLLING GRILLE (8th Street entry)		1 \$12,000.00 ea	\$0.07	\$23
29	SUBTOTAL		\$7,527,049	\$38.83	\$14,420
30					
31	CONTINGENCY (design) 1.000%		\$7,527,049	\$0.43	\$144
32	CONTINGENCY (construction) 3.000%		\$7,602,319	\$1.29	\$437
33	BOND 0.50%		\$8,105,829	\$0.23	\$78
34	SUBTOTAL		\$7,869,737	\$44.56	\$15,076
35					
36	G.C. OVERHEAD & PROFIT 3.00%		\$7,869,737.27	\$1.34	\$452
37					
38	CONSTRUCTION TOTAL		\$8,105,829	\$45.89	\$15,528
39					
40	OWNER FURNISHED ITEMS				
41	PARKING CONTROL		\$283,393		
42	TESTING		\$87,990		
43	SUBTOTAL		\$371,383		
44	SITWORK				
45	HOUSE DEMOLITION		\$28,340		
46	UTILITY RELOCATION		\$106,556		
47	UTILITY TIE IN		\$47,610		
48	SUBTOTAL		\$182,506		
49	SUSTAINABLE OPTIONS				
50	BIKE RACKS & LOCKERS		\$11,336		
51	LEED & GREEN TECHNOLOGIES (1%)		\$96,354		
52	GREEN ROOF ON TOWERS		\$57,631		
53	PAVERS/PERVIOUS CONCRETE PREMIUM		\$39,675		
54	GREEN ROOF OVER RAMP (include. Snow Melt Credit)		\$448,000		
55	SUBTOTAL		\$652,996		
56	PREFERRED ITEMS				
57	ARCHITECTURAL METAL WORK (Ext. & Cornice)		\$170,035		
58	METAL CLADDING AT TOWERS		\$145,098		
59	STAINING GROUND LEVEL CEILING		\$45,343		
60	SNOW MELTING (Towers/Roof Ramp/8th Street)		\$166,634		
61	SUBTOTAL		\$527,110		
62	ADDITIONAL CONSIDERATIONS				
63	Paving of the remaining alley				
64	LED / Fluorescent Lighting				
65	Parking Control Functions				
66	Other Utilities				