

Tennis Court Comparative Analysis

Court Type	Post Tension	Asphalt	Clay
Construction Cost Per Court	\$127,000.00	\$95,000.00	\$133,000.00
Total Cost for 18 Courts	\$2,286,000.00	\$1,710,000.00	\$2,394,000.00
Ave Resurfacing Cycle in yrs	5.6	5.6	7
Basic Resurfacing	\$7,500.00	\$7,500.00	\$6,000.00
15yr Major Resurfacing	\$0.00	\$462,920.04	\$0.00
Maintenance Costs Per Year	\$2,800.00	\$2,800.00	\$5,600.00

30 yr Analysis	LCC	Initial Cost	Major Repair	Residual	OM&R	Resurfacing
Post Tension	\$248,500.00	\$127,000.00	\$0.00	0	\$84,000	\$37,500.00
Asphalt	\$252,934.00	\$95,000.00	\$51,434.00	0	\$84,000	\$22,500.00
Clay	\$325,000.00	\$133,000.00	\$0.00	0	\$168,000	\$24,000.00

Costs per year				Cumulative Costs per year			
Years	Post Tension	Asphalt	Clay	Years	Post Tension	Asphalt	Clay
0	\$127,000.00	\$95,000.00	\$133,000.00	0	\$127,000.00	\$95,000.00	\$133,000.00
1	\$2,800.00	\$2,800.00	\$5,600.00	1	\$129,800.00	\$97,800.00	\$138,600.00
2	\$2,800.00	\$2,800.00	\$5,600.00	2	\$132,600.00	\$100,600.00	\$144,200.00
3	\$2,800.00	\$2,800.00	\$5,600.00	3	\$135,400.00	\$103,400.00	\$149,800.00
4	\$2,800.00	\$2,800.00	\$5,600.00	4	\$138,200.00	\$106,200.00	\$155,400.00
5	\$2,800.00	\$2,800.00	\$5,600.00	5	\$141,000.00	\$109,000.00	\$161,000.00
6	\$10,300.00	\$10,300.00	\$5,600.00	6	\$151,300.00	\$119,300.00	\$166,600.00
7	\$2,800.00	\$2,800.00	\$11,600.00	7	\$154,100.00	\$122,100.00	\$178,200.00
8	\$2,800.00	\$2,800.00	\$5,600.00	8	\$156,900.00	\$124,900.00	\$183,800.00
9	\$2,800.00	\$2,800.00	\$5,600.00	9	\$159,700.00	\$127,700.00	\$189,400.00
10	\$2,800.00	\$2,800.00	\$5,600.00	10	\$162,500.00	\$130,500.00	\$195,000.00
11	\$2,800.00	\$2,800.00	\$5,600.00	11	\$165,300.00	\$133,300.00	\$200,600.00
12	\$10,300.00	\$10,300.00	\$5,600.00	12	\$175,600.00	\$143,600.00	\$206,200.00
13	\$2,800.00	\$2,800.00	\$11,600.00	13	\$178,400.00	\$146,400.00	\$217,800.00
14	\$2,800.00	\$2,800.00	\$5,600.00	14	\$181,200.00	\$149,200.00	\$223,400.00
15	\$2,800.00	\$2,800.00	\$5,600.00	15	\$184,000.00	\$152,000.00	\$229,000.00
16	\$2,800.00	\$2,800.00	\$5,600.00	16	\$186,800.00	\$154,800.00	\$234,600.00
17	\$2,800.00	\$2,800.00	\$5,600.00	17	\$189,600.00	\$157,600.00	\$240,200.00
18	\$10,300.00	\$28,517.00	\$5,600.00	18	\$199,900.00	\$186,117.00	\$245,800.00
19	\$2,800.00	\$2,800.00	\$11,600.00	19	\$202,700.00	\$188,917.00	\$257,400.00
20	\$2,800.00	\$2,800.00	\$5,600.00	20	\$205,500.00	\$191,717.00	\$263,000.00
21	\$2,800.00	\$2,800.00	\$5,600.00	21	\$208,300.00	\$194,517.00	\$268,600.00
22	\$2,800.00	\$2,800.00	\$5,600.00	22	\$211,100.00	\$197,317.00	\$274,200.00
23	\$2,800.00	\$2,800.00	\$5,600.00	23	\$213,900.00	\$200,117.00	\$279,800.00
24	\$10,300.00	\$10,300.00	\$5,600.00	24	\$224,200.00	\$210,417.00	\$285,400.00
25	\$2,800.00	\$2,800.00	\$11,600.00	25	\$227,000.00	\$213,217.00	\$297,000.00
26	\$2,800.00	\$2,800.00	\$5,600.00	26	\$229,800.00	\$216,017.00	\$302,600.00
27	\$2,800.00	\$2,800.00	\$5,600.00	27	\$232,600.00	\$218,817.00	\$308,200.00
28	\$2,800.00	\$2,800.00	\$5,600.00	28	\$235,400.00	\$221,617.00	\$313,800.00
29	\$2,800.00	\$2,800.00	\$5,600.00	29	\$238,200.00	\$224,417.00	\$319,400.00
30	\$10,300.00	\$28,517.00	\$5,600.00	30	\$248,500.00	\$252,934.00	\$325,000.00
	\$248,500.00	\$252,934.00	\$325,000.00				

Asphalt resurfacing year extended to 18 due to average temps and timing of acrylic resurfacing.

Asphalt resurfacing assumed to provide approximately 10 additional years of usage per instance.