



CHAPTER 5 LIFE CYCLE COSTS

The City of Shoreline oversees approximately 345 acres of park and recreational land. The City offers a variety of park types including a regional park, large urban parks, community parks, neighborhood parks, and natural/special use parks. These parks and recreational sites offer a range of facilities including: 14 baseball fields, 10 soccer/football fields, 3 basketball courts, 11 tennis courts, 4 handball courts, 16 children's play areas, 4 waterfront and fishing locations, a swimming pool, and a skateboard park. In addition, there are over 100-acres of natural areas containing native species, trail systems, interpretive signage, streams, and wetlands. All of these facilities have an associated cost for maintenance and replacement.

Life cycle costs are the costs associated with replacing a particular feature or facility. It tracks the life span of certain amenities. The 10-year timeframe looks at features or facilities that will require replacement within the 10-year period. The life cycle costs associated with maintaining these parks include only the structural facilities currently on site. The costs assume replacement of facilities that have a life expectancy of 10-years or less.

The inventory in Chapter 6: Park Inventory details the costs listed here by item.



ANALYSIS OF LIFE CYCLE COSTS AND DEVELOPMENT OF MAINTENANCE SCHEDULE

Additional information on the Life Cycle Costs can be found in Appendix I: Life Cycle Cost Inventory.

Each park site was inventoried in the spring of 2003. The following table lists the 10-year life cycle and maintenance costs organized by park and further by park classification. In order to maintain the City of Shoreline's current structural facilities the cost over a 10-year period is approximately \$4,238,787.

Table 5.1 lists the 10-year life cycle costs and 10-year maintenance costs per park facility:

Table 5.1: 2003 Life Cycle and Maintenance Cost Summary

PARK	Classification	Size	Total Life Cycle 10-year period	Total Maint. Cost 10-year period
Ballinger Open Space	Natural/Special Use Park	3.2	\$1,450	\$35,000
Boeing Creek Park	Natural/Special Use Park	40.42	\$34,125	\$300,000
Brugger's Bog Park	Neighborhood Park	4.3	\$43,800	\$90,000
Cromwell Park	Community Park	9.0	\$89,116	\$155,000
Darnell Park	Natural/Special Use Park	0.84	\$0	\$3000
Echo Lake Park	Natural/Special Use Park	0.76	\$116,050	\$90,000
Hamlin Park	Large Urban Park	73.0	\$659,150	\$1,820,000
Hillwood Park	Community Park	10.0	\$217,166	\$510,000
Innis Arden Reserve	Natural/Special Use Park	23.0	\$4,300	\$70,000
Interurban Trail	Natural/Special Use Park	3.25 miles	\$5,000	\$350,000
James Keough Park	Neighborhood Park	3.1	\$48,200	\$92,000
Meridian Park	Natural/Special Use Park	3.20	\$6,950	\$60,000
Northcrest Park	Neighborhood Park	7.3	\$37,850	\$155,000
North City Park	Natural/Special Use Park	3.80	\$20,750	\$75,000
Paramount Open Space	Natural/Special Use Park	9.20	\$15,850	\$90,000
Paramount School Park	Community Park	8.6	\$15,300	\$705,000
Richmond Beach Community Park	Neighborhood Park	3.0	\$520,510	\$420,000
Richmond Beach Saltwater Park	Regional Park	42.2	\$709,730	\$870,000
Richmond Highlands Park	Community Park	4.2	\$447,650	\$400,000
Richmond Reserve	Natural/Special Use Park	.25	\$1,750	\$3000
Ridgecrest Park	Neighborhood Park	3.5	\$162,590	\$230,000
Ronald Bog Park	Natural/Special Use Park	13.6	\$8,850	\$350,000
Shoreline Park	Community Park	8.98	\$847,900	\$470,000
Shoreview Park	Large Urban Park	47.52	\$7,900	\$860,000
Strandberg Preserve	Natural/Special Use Park	2.6	\$1,500	\$50,000
Twin Ponds Park	Community Park	21.60	\$215,350	\$300,000
Total			\$4,238,787.00	\$8,593,000.00