



Proposed Mega Park

Life Cycle Cost Analysis

PROPOSED MEGA PARK LIFE CYCLE COST ANALYSIS (LCC) SUMMARY

1. Methodology



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2. Report Highlights



FEATURES & OTHER AMENITIES

1. Junior Adventure Park (18 months – 5 years)
2. Youth Adventure Park (5 years - 12 years+)
3. Spray Park
4. Accessible Playground
5. Competition caliber Pump Track
6. Senior Friendly Outdoor Fitness Station

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|----------------------------|----------------------------|
| ■ Washroom with Changeroom | ■ Fencing |
| ■ Picnic Shelter & Tables | ■ Drinking Water Fountains |
| ■ Benches | ■ Paved Walkways |
| ■ Trees | ■ Trail Lighting |
| ■ Turf | ■ Trash Containers |
| ■ Irrigation | ■ Signage |

METHODOLOGY

- Estimated Service Life (ESL);
- Initial Capital Cost;
- Future Capital Renewal Costs;
- Annual Operating Costs;
- Cyclical Maintenance Costs;
- End of Life Costs.

Project Budget & Schedule

Budget/Estimates Pricing

Description	Amount
Design / Consulting	250,000
Spray park	300,000
Junior adventure park	135,000
Teen adventure park with tower	235,000
Senior fitness stations	75,000
PumpTrack	250,000
All accessible playground	1,100,000
Contingency & Escalation	500,000
Total	2,845,000

Note: the budget above does not include land prep, utilities/amenities (water/sewer/lighting)

REPORT HIGHLIGHTS

PROPOSED LOCATION



CITY OF PRINCE GEORGE

ASSUMPTIONS

- Annual inflation set to 5%
- Possible revenue not included
- 50 years of ownership
- Six major features donated
- Park amenities closed during winter except for walkways

RESULTS

Total Life Cycle Costs over 50 years of Ownership:	
Initial Capital Cost	\$3,975,305
Annual Operating Costs Over 50 yrs	\$10,508,392
Cyclical Maintenance Costs Over 50 yrs	\$12,156,576
Capital Renewal Costs Over 50 yrs	\$41,635,395
Total Life Cycle Cost (LCC)	\$68,275,668
LCC/Year	\$1,365,513

KEY MESSAGES

- \$68M over 50 years = \$1.36M annually required to operate, maintain, and save up for eventual replacements of assets
- Additional \$107k annually for O&M, not including fulltime onsite staffing if desired
- Consider investing in existing park infrastructure that is in need of replacement or upgrade rather than building new assets to add to the inventory.

A vibrant, high-quality photograph of a golf course. In the foreground, there are out-of-focus purple flowers and green foliage. The middle ground shows a well-maintained green lawn with a few trees. In the background, a white clubhouse with a green roof is visible through the trees. The text "THANK YOU" is centered in the middle of the image.

THANK YOU