

APPENDIX C. COST ESTIMATES

APPENDIX C.: COST ESTIMATES

The following cost summaries outline the anticipated costs associated with improving and upgrading the Denver Mountain Parks system as recommended in the Master Plan. The cost estimates are presented alphabetically, by park name. Prior to the costs for the individual park is an overall cost associated with system-wide improvements that are recommended for signing and wayfinding.

Enhancement Park / Item	Unit	Quantity	Unit Cost	Subtotal
System-wide Wayfinding Signage				
1. Entry signs	EA	17	\$ 8,000.00	\$ 136,000.00
2. Directional Signage	EA	34	\$ 3,000.00	\$ 102,000.00
3. Graphics / Art Direction	LS	1	\$ 30,000.00	\$ 30,000.00
				\$ 268,000.00
System-wide				
1. Building Rehabilitation	LS	1	\$ 2,000,000.00	\$ 2,000,000.00
2. Shelter Rehabilitation	LS	1	\$ 1,000,000.00	\$ 1,000,000.00
3. Restroom Rehabilitation	EA	1	\$ 1,000,000.00	\$ 1,000,000.00
				\$ 4,000,000.00
Bell Park				
1. Hiking Trails	LF	0	\$ 3.00	\$ -
2. Multi-use / Mtn Biking Trails	LF	0	\$ 5.00	\$ -
3. Trailhead	EA	0	\$ 5,000.00	\$ -
4. Site Improvements	SF	71,500	\$ 4.00	\$ 286,000.00
5. Road Improvements	LF	6,500	\$ 60.00	\$ 390,000.00
6. Signage	LS	1	\$ 10,000.00	\$ 10,000.00
7. Revegetation	SF	321,750	\$ 1.50	\$ 482,625.00
8. Stream Edge Improvements	LF	0	\$ 500.00	\$ -
9. Forest Thinning	LS	1	\$ 15,000.00	\$ 15,000.00
			Total:	\$ 1,183,625.00
Bergen Park				
1. Hiking Trails	LF	1	\$ 3.00	\$ 3.00
2. Multi-use / Mtn Biking Trails	LF	1,800	\$ 5.00	\$ 9,000.00
3. Trailhead	EA	2	\$ 5,000.00	\$ 10,000.00
4. Site Improvements	SF	39,600	\$ 4.00	\$ 158,400.00
5. Road Improvements	LF	1,000	\$ 60.00	\$ 60,000.00
6. Signage	LS	1	\$ 10,000.00	\$ 10,000.00
7. Revegetation	SF	92,400	\$ 1.50	\$ 138,600.00
8. Stream Edge Improvements	LF	0	\$ 500.00	\$ -
9. Forest Thinning	LS	0	\$ 15,000.00	\$ -
			Total:	\$ 386,003.00

Denver Mountain Parks
Master Plan - Infrastructure Costing
Page 2

Corwina Park

1. Hiking Trails	LF	6,500	\$	3.00	\$	19,500.00
2. Multi-use / Mtn Biking Trails	LF	11,200	\$	5.00	\$	56,000.00
3. Trailhead	EA	1	\$	5,000.00	\$	5,000.00
4. Site Improvements	SF	73,800	\$	4.00	\$	295,200.00
5. Road Improvements	LF	3,500	\$	60.00	\$	210,000.00
6. Signage	LS	1	\$	10,000.00	\$	10,000.00
7. Revegetation	SF	49,200	\$	1.50	\$	73,800.00
8. Stream Edge Improvements	LF	0	\$	500.00	\$	-
9. Forest Thinning	LS	0	\$	15,000.00	\$	-
Total:					\$	669,500.00

Cub Creek

1. Hiking Trails	LF	0	\$	3.00	\$	-
2. Multi-use / Mtn Biking Trails	LF	0	\$	5.00	\$	-
3. Trailhead	EA	0	\$	5,000.00	\$	-
4. Site Improvements	SF	162,250	\$	4.00	\$	649,000.00
5. Road Improvements	LF	8,500	\$	60.00	\$	510,000.00
6. Signage	LS	1	\$	10,000.00	\$	10,000.00
7. Revegetation	SF	132,750	\$	1.50	\$	199,125.00
8. Stream Edge Improvements	LF	1,650	\$	500.00	\$	825,000.00
9. Forest Thinning	LS	1	\$	15,000.00	\$	15,000.00
Total:					\$	2,208,125.00

Dedisse Park

1. Hiking Trails	LF	0	\$	3.00	\$	-
2. Multi-use / Mtn Biking Trails	LF	4,250	\$	5.00	\$	21,250.00
3. Trailhead	EA	2	\$	5,000.00	\$	10,000.00
4. Site Improvements	SF	217,800	\$	4.00	\$	871,200.00
5. Road Improvements	LF	8,200	\$	60.00	\$	492,000.00
6. Signage	LS	1	\$	10,000.00	\$	10,000.00
7. Revegetation	SF	145,200	\$	1.50	\$	217,800.00
8. Stream Edge Improvements	LF	0	\$	500.00	\$	-
9. Forest Thinning	LS	0	\$	15,000.00	\$	-
Total:					\$	1,622,250.00

Denver Mountain Parks
Master Plan - Infrastructure Costing
Page 3

Echo Lake Park

1. Hiking Trails	LF	0	\$	3.00	\$	-
2. Multi-use / Mtn Biking Trails	LF	8,000	\$	5.00	\$	40,000.00
3. Trailhead	EA	5	\$	5,000.00	\$	25,000.00
4. Site Improvements	SF	338,000	\$	4.00	\$	1,352,000.00
5. Road Improvements	LF	14,500	\$	60.00	\$	870,000.00
6. Signage	LS	1	\$	10,000.00	\$	10,000.00
7. Revegetation	SF	338,000	\$	1.50	\$	507,000.00
8. Stream Edge Improvements	LF	2,250	\$	500.00	\$	1,125,000.00
9. Forest Thinning	LS	0	\$	15,000.00	\$	-
Total:						\$ 3,929,000.00

Fillius Park

1. Hiking Trails	LF	2500	\$	3.00	\$	7,500.00
1a. Enhance - Hiking Trails	LF	1800	\$	3.00	\$	5,400.00
2. Multi-use / Mtn Biking Trails	LF	0	\$	5.00	\$	-
3. Trailhead	EA	1	\$	5,000.00	\$	5,000.00
4. Site Improvements	SF	247,200	\$	4.00	\$	988,800.00
5. Road Improvements	LF	6,200	\$	60.00	\$	372,000.00
6. Signage	LS	0	\$	10,000.00	\$	-
7. Revegetation	SF	576,800	\$	1.50	\$	865,200.00
8. Stream Edge Improvements	LF	0	\$	500.00	\$	-
9. Forest Thinning	LS	0	\$	15,000.00	\$	-
Total:						\$ 2,243,900.00

Genesee Park

1. Hiking Trails	LF	30,300	\$	3.00	\$	90,900.00
1a. Enhance - Hiking Trails	LF	8,800	\$	3.00	\$	26,400.00
2. Multi-use / Mtn Biking Trails	LF	0	\$	5.00	\$	-
3. Trailhead	EA	5	\$	5,000.00	\$	25,000.00
4. Site Improvements	SF	662,900	\$	4.00	\$	2,651,600.00
5. Road Improvements	LF	36,000	\$	60.00	\$	2,160,000.00
6. Signage	LS	1	\$	10,000.00	\$	10,000.00
7. Revegetation	SF	1,231,100	\$	1.50	\$	1,846,650.00
8. Stream Edge Improvements	LF	0	\$	500.00	\$	-
9. Forest Thinning	LS	1	\$	15,000.00	\$	15,000.00
Total:						\$ 6,825,550.00

Denver Mountain Parks
Master Plan - Infrastructure Costing
Page 4

Little Park

1. Hiking Trails	LF	6,000	\$	3.00	\$	18,000.00
2. Multi-use / Mtn Biking Trails	LF	0	\$	5.00	\$	-
3. Trailhead	EA	1	\$	5,000.00	\$	5,000.00
4. Site Improvements	SF	36,500	\$	4.00	\$	146,000.00
5. Road Improvements	LF	1,500	\$	60.00	\$	90,000.00
6. Signage	LS	1	\$	10,000.00	\$	10,000.00
7. Revegetation	SF	36,500	\$	1.50	\$	54,750.00
8. Stream Edge Improvements	LF	700	\$	500.00	\$	350,000.00
9. Forest Thinning	LS	1	\$	15,000.00	\$	15,000.00
Total:						\$ 688,750.00

Lookout Mountain Park

1. Hiking Trails	LF	1,900	\$	3.00	\$	5,700.00
2. Multi-use / Mtn Biking Trails	LF	0	\$	5.00	\$	-
3. Trailhead	EA	1	\$	5,000.00	\$	5,000.00
4. Site Improvements	SF	133,800	\$	4.00	\$	535,200.00
5. Road Improvements	LF	10,500	\$	60.00	\$	630,000.00
6. Signage	LS	1	\$	10,000.00	\$	10,000.00
7. Revegetation	SF	89,200	\$	1.50	\$	133,800.00
8. Stream Edge Improvements	LF	0	\$	500.00	\$	-
9. Forest Thinning	LS	0	\$	15,000.00	\$	-
Total:						\$ 1,319,700.00

Newton Park

1. Hiking Trails	LF	0	\$	3.00	\$	-
2. Multi-use / Mtn Biking Trails	LF	0	\$	5.00	\$	-
3. Trailhead	EA	0	\$	5,000.00	\$	-
4. Site Improvements	SF	213,000	\$	4.00	\$	852,000.00
5. Road Improvements	LF	1,200	\$	60.00	\$	72,000.00
6. Signage	LS	1	\$	10,000.00	\$	10,000.00
7. Revegetation	SF	0	\$	1.50	\$	-
8. Stream Edge Improvements	LF	0	\$	500.00	\$	-
9. Forest Thinning	LS	1	\$	15,000.00	\$	15,000.00
Total:						\$ 949,000.00

Denver Mountain Parks
 Master Plan - Infrastructure Costing
 Page 5

O'Fallon Park

1. Hiking Trails	LF	24,200	\$	3.00	\$	72,600.00
2. Multi-use / Mtn Biking Trails	LF	9,300	\$	5.00	\$	46,500.00
3. Trailhead	EA	2	\$	5,000.00	\$	10,000.00
4. Site Improvements	SF	240,000	\$	4.00	\$	960,000.00
5. Road Improvements	LF	8,200	\$	60.00	\$	492,000.00
6. Signage	LS	1	\$	10,000.00	\$	10,000.00
7. Revegetation	SF	160,000	\$	1.50	\$	240,000.00
8. Stream Edge Improvements	LF	1,550	\$	500.00	\$	775,000.00
9. Forest Thinning	LS	1	\$	15,000.00	\$	15,000.00
Total:						\$ 2,621,100.00

Pence Park

1. Hiking Trails	LF	4,700	\$	3.00	\$	14,100.00
2. Multi-use / Mtn Biking Trails	LF	1,000	\$	5.00	\$	5,000.00
3. Trailhead	EA	1	\$	5,000.00	\$	5,000.00
4. Site Improvements	SF	70,800	\$	4.00	\$	283,200.00
5. Road Improvements	LF	1,600	\$	60.00	\$	96,000.00
6. Signage	LS	1	\$	10,000.00	\$	10,000.00
7. Revegetation	SF	47,200	\$	1.50	\$	70,800.00
8. Stream Edge Improvements	LF	0	\$	500.00	\$	-
9. Forest Thinning	LS	1	\$	15,000.00	\$	15,000.00
Total:						\$ 499,100.00

Summit Lake Park

1. Hiking Trails	LF	3,200	\$	3.00	\$	9,600.00
2. Multi-use / Mtn Biking Trails	LF	0	\$	5.00	\$	-
3. Trailhead	EA	1	\$	5,000.00	\$	5,000.00
4. Site Improvements	SF	25,000	\$	4.00	\$	100,000.00
5. Road Improvements	LF	2,500	\$	60.00	\$	150,000.00
6. Signage	LS	1	\$	10,000.00	\$	10,000.00
7. Revegetation	SF	75,000	\$	1.50	\$	112,500.00
8. Stream Edge Improvements	LF	0	\$	500.00	\$	-
9. Forest Thinning	LS	0	\$	15,000.00	\$	15,000.00
Total:						\$ 402,100.00