

TRAILHEAD PARK CONCEPTUAL DESIGN - DRAFT

Item	Item Description	Notes	Est. Quant.	Unit	Unit Price	Amount
PHASE 1						
Site Preparation						
1	Mobilization		LS	1	\$60,000.00	\$60,000.00
2	Silt Fence		LF	1,000	\$2.50	\$2,500.00
3	Clearing and Grubbing		LS	1	\$5,000.00	\$5,000.00
4	Pavement Removal (regardless of depth)		SY	1,300	\$7.50	\$9,750.00
5	Building Removal		LS	1	\$20,000.00	\$20,000.00
6	Playground Removal		LS	1	\$5,000.00	\$5,000.00
7	Earthwork/Grading/Ponding		LS	1	\$50,000.00	\$50,000.00
8	Streambank Stabilization (geotextile fabric soil lifts)		SF	1,000	\$45.00	\$45,000.00
Subtotal						\$197,250.00
Site Utilities						
9	Utilities (storm, water and electrical improvements)		LS	1	\$50,000.00	\$50,000.00
10	Storm Sewer (near tennis courts)		LS	1	\$45,000.00	\$45,000.00
11	Storm Sewer (under ATV connection trail)		LS	1	\$30,000.00	\$30,000.00
12	Lift Station for Trailhead Building		LS	1	\$42,500.00	\$42,500.00
Subtotal						\$167,500.00
Site Amenities						
13	Entry Monument		LS	1	\$15,000.00	\$15,000.00
14	Concrete Curb & Gutter		LF	1,000	\$25.00	\$25,000.00
15	Bituminous Pavement		SY	5,700	\$37.50	\$213,750.00
16	4" Concrete Walk		SY	300	\$70.00	\$21,000.00
17	Bituminous Trail		SY	1,000	\$37.50	\$37,500.00
18	Gravel ATV Trail Connection		SY	200	\$45.00	\$9,000.00
19	Trailhead Plaza		SY	300	\$135.00	\$40,500.00
20	Playground		LS	1	\$100,000.00	\$100,000.00
21	Tent Camping Area		EA	15	\$300.00	\$4,500.00
22	Trail Kiosk		EA	1	\$8,000.00	\$8,000.00
23	Lighting (parking lot & plaza)		LS	1	\$60,000.00	\$60,000.00
Subtotal						\$534,250.00
Buildings and Structures						
24	Trailhead Building		LS	1	\$950,000.00	\$950,000.00
25	Picnic Shelter		LS	1	\$25,000.00	\$25,000.00
Subtotal						\$975,000.00
Landscaping						
26	Trees, Shrubs, Perennials and Mulch		LS	1	\$45,000.00	\$45,000.00
27	Retaining Wall		SF	400	\$100.00	\$40,000.00
Subtotal						\$85,000.00
Misc.						
28	Table & Chairs (plaza space)		EA	5	\$4,500.00	\$22,500.00
29	Bench		EA	5	\$2,200.00	\$11,000.00
30	Limestone Block (24"x24"x24")		EA	10	\$700.00	\$7,000.00
31	Water Fountain		EA	1	\$5,000.00	\$5,000.00
32	Interpretive Signage		EA	2	\$2,500.00	\$5,000.00
Subtotal						\$50,500.00
Phase 1 Subtotal Construction						\$2,009,500.00
Contingency (20%)						\$401,900.00
Preliminary Phase 1 Total Construction						\$2,411,400.00
PHASE 2						
Site Preparation						
33	Mobilization		LS	1	\$30,000.00	\$30,000.00
34	Silt Fence		LF	1,000	\$2.50	\$2,500.00
35	Clearing and Grubbing		LS	1	\$5,000.00	\$5,000.00
36	Earthwork/Grading/Ponding		LS	1	\$30,000.00	\$30,000.00
Subtotal						\$67,500.00
Site Utilities						
37	Utilities (sanitary, storm, water and electrical improvements)		LS	1	\$25,000.00	\$25,000.00
Subtotal						\$25,000.00
Site Amenities						
38	Bituminous Pavement		SY	5,000	\$37.50	\$187,500.00
39	4" Concrete Walk		SY	200	\$45.00	\$9,000.00
40	Bituminous Trail		SY	450	\$37.50	\$16,875.00
41	Tent Camping Area		EA	10	\$300.00	\$3,000.00
42	Trail Kiosk		EA	1	\$8,000.00	\$8,000.00
43	Lighting (parking lot)		LS	1	\$60,000.00	\$60,000.00
Subtotal						\$284,375.00
Buildings and Structures						
44	Picnic Shelter & Plaza		LS	1	\$50,000.00	\$50,000.00
Subtotal						\$50,000.00
Landscaping						
45	Trees, Shrubs, Perennials and Mulch		LS	1	\$40,000.00	\$40,000.00
Subtotal						\$40,000.00
Misc.						
46	Table & Chairs (plaza space)		EA	5	\$4,000.00	\$20,000.00
47	Bench		EA	2	\$2,000.00	\$4,000.00
48	Limestone Block (24"x24"x24")		EA	10	\$700.00	\$7,000.00
49	Water Fountain		EA	1	\$5,000.00	\$5,000.00
50	Interpretive Signage		EA	2	\$2,500.00	\$5,000.00
Subtotal						\$41,000.00
Phase 2 Subtotal Construction						\$507,875.00
Contingency (20%)						\$101,575.00
Preliminary Phase 2 Total Construction						\$609,450.00

Preliminary Total Estimated Construction (Phase 1 & Phase 2)	\$3,020,850.00
Project Indirect Costs (25%)	\$755,212.50
Preliminary Estimated Total Project (Phase 1 & Phase 2)	\$3,776,062.50



CITY OF SILVER BAY | TRAILHEAD PARK **CONCEPT PLAN**



City of Silver Bay, Minnesota

On Lake Superior's Beautiful North Shore

