

Mitchell Park Sketch Master Plan

PHASED Estimate of Probable Construction Costs - April 6, 2007

PHASE 1

Item No.	Item	Quantity	Unit	Unit Cost	Materials Cost	Total Hours	Hourly Rate	Labor Cost	TOTAL COST
1 Earthwork									\$ 60,000
	Earthwork				\$0	2000	\$30	\$ 60,000	\$60,000
2 Clearing and Grubbing									\$ 7,500
	Clearing and Grubbing				\$0	250	\$30	\$ 7,500	\$7,500
3 Site Structures									\$ 207,000
	Restrooms (with Water, Electric, Sewer service)	1	LS	\$61,000	\$ 61,000	1000	\$30	\$ 30,000	\$91,000
	Large Picnic Pavilions (60' x 40')	2	EA	\$40,000	\$ 80,000	1200	\$30	\$ 36,000	\$116,000
4 Site Paving and Signage									\$ 53,658
	Concrete Pads (for large pavilions)	267	SY	\$36	\$ 9,612	200	\$30	\$ 6,000	\$15,612
	Asphalt Paving (Heavy Duty - Parking areas)	102	SY	\$23	\$ 2,346	50	\$30	\$ 1,500	\$3,846
	Asphalt Paving (Standard Duty - Walks)	272	SY	\$20	\$ 5,440	40	\$30	\$ 1,200	\$6,640
	Gravel Paving (Picnic Area Access Drive - 8" depth)	1555	SY	\$12	\$ 18,660	250	\$30	\$ 7,500	\$26,160
	Accessible Parking Signs (includes footing)	2	EA	\$420	\$ 840	12	\$30	\$ 360	\$1,200
	Linestriping (at Accessible Parking Spots)	1	LS	\$50	\$ 50	5	\$30	\$ 150	\$200
5 Other Improvements									\$ 4,260
	Standing Charcoal Grills (approx. size 6' x 3')	6	EA	\$300	\$ 1,800	30	\$30	\$ 900	\$2,700
	Trash Receptacles (2 per pavilion)	6	EA	\$200	\$ 1,200	12	\$30	\$ 360	\$1,560
6 Utilities									\$18,000
	Underground Electric Service Extension (incl. approx. 1300' conduit, wire, and fixtures)	1	LS	\$12,000	\$ 12,000	200	\$30	\$ 6,000	\$18,000
7 Landscaping									\$3,150
	Seeding (lawn areas)	45.0	MSF	\$50	\$ 2,250	30	\$30	\$ 900	\$3,150
SUBTOTALS					\$195,198			\$ 158,370	\$ 353,568
	Permitting	1	LS	\$10,000	\$ 10,000			\$ -	\$10,000
	Erosion & Sedimentation Control Measures	1	LS	\$12,000	\$ 12,000	200	\$30	\$ 6,000	\$18,000
	Design and Engineering Fees	1	LS	\$30,000	\$ 30,000			\$ -	\$30,000
PHASE 1 TOTAL									\$411,568

Mitchell Park Sketch Master Plan

PHASED Estimate of Probable Construction Costs - April 6, 2007

PHASE 2

Item No.	Item	Quantity	Unit	Unit Cost	Materials Cost	Total Hours	Hourly Rate	Labor Cost	TOTAL COST
1	Removals and Demolition								\$ 4,800
	Remove Play Equipment				\$0	120	\$30	\$ 3,600	\$3,600
	Remove Chain-link fencing at Existing Playground				\$0	40	\$30	\$ 1,200	\$1,200
2	Earthwork								\$ 75,000
	Earthwork				\$0	2500	\$30	\$ 75,000	\$75,000
3	Site Structures								\$ 84,800
	Large Picnic Pavilions (60' x 40')	1	EA	\$40,000	\$ 40,000	600	\$30	\$ 18,000	\$58,000
	Small Picnic Pavilions (24' x 20')	1	EA	\$19,000	\$ 19,000	260	\$30	\$ 7,800	\$26,800
4	Site Paving and Signage								\$ 92,673
	Concrete Pads (for large pavilion)	133	SY	\$36	\$ 4,788	100	\$30	\$ 3,000	\$7,788
	Concrete Pads (for small pavilion)	54	SY	\$36	\$ 1,944	40	\$30	\$ 1,200	\$3,144
	Asphalt Paving (Heavy Duty - Parking areas)	869	SY	\$23	\$ 19,987	350	\$30	\$ 10,500	\$30,487
	Asphalt Paving (Standard Duty - Walks)	87	SY	\$20	\$ 1,740	10	\$30	\$ 300	\$2,040
	Gravel Paving (Picnic Area Access Drive - 8" depth)	1560	SY	\$12	\$ 18,720	250	\$30	\$ 7,500	\$26,220
	Crushed Aggregate Paving (Portions of Trail)	1112	SY	\$12	\$ 13,344	200	\$30	\$ 6,000	\$19,344
	Trail Signage (Entrance Signs and Distance Markers)	1	LS	\$1,500	\$ 1,500	25	\$30	\$ 750	\$2,250
	Accessible Parking Signs (includes footing)	2	EA	\$420	\$ 840	12	\$30	\$ 360	\$1,200
	Linestriping (at Accessible Parking Spots)	1	LS	\$50	\$ 50	5	\$30	\$ 150	\$200
5	Ball Field Improvements								\$ 37,200
	Aluminum Bleachers (5 rows x 15' length)	4	EA	\$3,000	\$ 12,000	40	\$30	\$ 1,200	\$13,200
	Field Lighting (Little League Field Only)	1	LS	\$24,000	\$ 24,000			\$ -	\$24,000
6	Playground								\$ 60,870
	Ages 5-12 Play Structure	1	LS	\$20,000	\$ 20,000	250	\$30	\$ 7,500	\$27,500
	Ages 2-5 Play Structure	1	LS	\$16,000	\$ 16,000	225	\$30	\$ 6,750	\$22,750
	Relocate Existing Swingset	1	LS	\$250	\$ 250	60	\$30	\$ 1,800	\$2,050
	Shredded bark mulch safety surface (12" depth)	112	CY	\$40	\$ 4,480	50	\$30	\$ 1,500	\$5,980
	Aggregate Base Course (for drainage - 6" depth)	56	SY	\$10	\$ 560	6	\$30	\$ 180	\$740
	4" perforated PVC underdrain (daylight to swale)	250	LF	\$5	\$ 1,250	20	\$30	\$ 600	\$1,850
7	Other Improvements								\$ 16,200
	Sand Volleyball Court (incl. sand, poles, net, etc.)	1	LS	\$6,000	\$ 6,000	100	\$30	\$ 3,000	\$9,000
	Horseshoe Courts (Clay Pits, backstops, grass infield)	4	EA	\$1,200	\$ 4,800	80	\$30	\$ 2,400	\$7,200
8	Utilities								\$9,480
	Parking Lot Lighting (incl. 30' poles and fixture)	3	EA	\$2,800	\$ 8,400	36	\$30	\$ 1,080	\$9,480
9	Landscaping								\$6,955
	Seeding (lawn areas)	16.1	MSF	\$50	\$ 805	10	\$30	\$ 300	\$1,105
	Deciduous Shade Trees (3" caliper)	18	EA	\$225	\$ 4,050	60	\$30	\$ 1,800	\$5,850
SUBTOTALS					\$224,508			\$ 163,470	\$ 387,978
	Permitting	1	LS	\$0	\$ -			\$ -	\$0
	Erosion & Sedimentation Control Measures	1	LS	\$6,000	\$ 6,000	100	\$30	\$ 3,000	\$9,000
	Design and Engineering Fees	1	LS	\$30,000	\$ 30,000			\$ -	\$30,000
PHASE 2 TOTAL									\$426,978