

North Lakes Dog Park HWY 77 Construction Cost Estimate

Initial Construction Estimates
 Completed: October 24, 2018
 Options 1-4

	PROJECT TASKS	Amount	Unit	Unit Price	Total			
PROJECT DESIGN	Architectural Design	1	EA	\$0.00	\$0.00			
	Engineering Civil	1	EA	\$0.00	\$0.00			
	Engineering Geotechnical	1	EA	\$0.00	\$0.00			
	Surveys Topo and Lot	1	EA	\$0.00	\$0.00			
	City Design Cost Allocation	1	Lump	\$0.00	\$0.00			
	Subtotal				\$0.00	\$0.00		

					Option 1	Option 1a	Option 2	Option 2a	Option 3	Option 3a	Option 4
					Orion Park	1/2 Orion Park	Running Circles	1/2 Running Circles	Airfield Parking	1/2 Airfield Parking	Wiggly Field #2
Construction Costs	Concrete										
	•Sidewalk										
	Concept 1	415	SY	\$51.51	\$21,376.65						
	Concept 1a	291	SY	\$51.51		\$14,989.41					
	Concept 2	124	SY	\$51.51			\$6,387.24				
	Concept 2a	124	SY	\$51.51				\$6,387.24			
	Concept 3	124	SY	\$51.51					\$6,387.24		
	Concept 3a	124	SY	\$51.51						\$6,387.24	
	Concept 4	124	SY	\$51.51							\$6,387.24
	•Excavation										
	Concept 1	981	CY	\$24.12	\$23,661.72						
	Concept 1a	928	CY	\$24.12		\$22,383.36					
	Concept 2	928	CY	\$24.12			\$22,383.36				
	Concept 2a	928	CY	\$24.12				\$22,383.36			
	Concept 3	556	CY	\$24.12					\$13,410.72		
	Concept 3a	356	CY	\$24.12						\$8,586.72	
	Concept 4	928	CY	\$24.12							\$22,383.36
	•ADA Ramp 6ft	2	CY	\$2,300.00	\$4,600.00	\$4,600.00	\$4,600.00	\$4,600.00	\$4,600.00	\$4,600.00	\$4,600.00
	•Curb & Gutter										
	Concept 1	980	LF	\$17.90	\$17,542.00						
	Concept 1a	980	LF	\$17.90		\$17,542.00					
	Concept 2	980	LF	\$17.90			\$17,542.00				
	Concept 2a	980	LF	\$17.90				\$17,542.00			
	Concept 3	0	LF	\$17.90					\$0.00		
	Concept 3a	0	LF	\$17.90						\$0.00	
	Concept 4	980	LF	\$17.90							\$17,542.00
	•Parking Lot: Permeable 40 spaces										
	Concept 1	18,445	SF	\$6.00	\$110,670.00						
	Concept 1a	18,445	SF	\$6.00		\$110,670.00					
	Concept 2	18,445	SF	\$6.00			\$110,670.00				
	Concept 2a	18,445	SF	\$6.00				\$110,670.00			
	Concept 3	0	SF	\$6.00					\$0.00		
	Concept 3a	0	SF	\$6.00						\$0.00	
	Concept 4	18,445	SF	\$6.00							\$110,670.00
	Parking Markers	800	EA	\$2.00	\$1,600.00	\$1,600.00	\$1,600.00	\$1,600.00	\$0.00	\$0.00	\$1,600.00
	•Mow Strip (fence 18")										
	Concept 1	614	SY	\$51.51	\$31,627.14						
	Concept 1a	290	SY	\$51.51		\$14,937.90					
	Concept 2	404	SY	\$51.51			\$20,810.04				
	Concept 2a	404	SY	\$51.51				\$20,810.04			
	Concept 3	505	SY	\$51.51					\$26,012.55		
	Concept 3a	357	SY	\$51.51						\$18,389.07	
	Concept 4	166	SY	\$51.51							\$8,550.66
	•Mow Strip (12")										
	Concept 1	40	SY	\$51.51	\$2,060.40						
Concept 1a	20	SY	\$51.51		\$1,030.20						
Concept 2	83	SY	\$51.51			\$4,275.33					
Concept 2a	83	SY	\$51.51				\$4,275.33				
Concept 3	0	SY	\$51.51					\$0.00			
Concept 3a	0	SY	\$51.51						\$0.00		
Concept 4	0	SY	\$51.51							\$0.00	
Chainlink (5')											
Concept 1	3,887	LF	\$18.00	\$69,966.00							
Concept 1a	1,942	LF	\$18.00		\$34,956.00						
Concept 2	2,424	LF	\$18.00			\$43,632.00					
Concept 2a	1,688	LF	\$18.00				\$30,384.00				
Concept 3	3,033	LF	\$18.00					\$54,594.00			
Concept 3a	2,146	LF	\$18.00						\$38,628.00		
Concept 4	2,000	LF	\$18.00							\$36,000.00	
Gate (12')											
Concept 1	4	EA	\$1,330.00	\$5,320.00							
Concept 1a	2	EA	\$1,330.00		\$2,660.00						
Concept 2	3	EA	\$1,330.00			\$3,990.00					
Concept 2a	2	EA	\$1,330.00				\$2,660.00				
Concept 3	4	EA	\$1,330.00					\$5,320.00			
Concept 3a	3	EA	\$1,330.00						\$3,990.00		
Concept 4	3	EA	\$1,330.00							\$3,990.00	
Gate (3')											
Concept 1	12	EA	\$450.00	\$5,400.00							
Concept 1a	8	EA	\$450.00		\$3,600.00						
Concept 2	6	EA	\$450.00			\$2,700.00					
Concept 2a	4	EA	\$450.00				\$1,800.00				
Concept 3	8	EA	\$450.00					\$3,600.00			
Concept 3a	6	EA	\$450.00						\$2,700.00		
Concept 4	8	EA	\$450.00							\$3,600.00	
Trash Receptacles											
Concept 1	16	EA	\$750.00	\$12,000.00							
Concept 1a	8	EA	\$750.00		\$6,000.00						
Concept 2	12	EA	\$750.00			\$9,000.00					
Concept 2a	8	EA	\$750.00				\$6,000.00				
Concept 3	14	EA	\$750.00					\$10,500.00			
Concept 3a	10	EA	\$750.00						\$7,500.00		
Concept 4	9	EA	\$750.00							\$6,750.00	
Recycle Receptacles											
Concept 1	8	EA	\$750.00	\$6,000.00							
Concept 1a	4	EA	\$750.00		\$3,000.00						
Concept 2	6	EA	\$750.00			\$4,500.00					
Concept 2a	4	EA	\$750.00				\$3,000.00				
Concept 3	7	EA	\$750.00					\$5,250.00			
Concept 3a	5	EA	\$750.00						\$3,750.00		

PROJECT COST	Concept 4	5	EA	\$750.00								\$3,750.00	
	Irrigation	1	EA	\$81,000.00	\$81,000.00	\$81,000.00	\$81,000.00	\$81,000.00	\$81,000.00	\$81,000.00	\$81,000.00	\$81,000.00	
	•Booster Pump	1	EA	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	
	Conduit												
	Concept 1	4	EA	\$1,000.00	\$4,000.00								
	Concept 1a	4	EA	\$1,000.00		\$4,000.00							
	Concept 2	4	EA	\$1,000.00			\$4,000.00						
	Concept 2a	4	EA	\$1,000.00				\$4,000.00					
	Concept 3	4	EA	\$1,000.00					\$4,000.00				
	Concept 3a	4	EA	\$1,000.00						\$4,000.00			
	Concept 4	4	EA	\$1,000.00							\$4,000.00		\$4,000.00
	Solar Lights												
	Concept 1	5	EA	\$1,500.00	\$7,500.00								
	Concept 1a	5	EA	\$1,500.00		\$7,500.00							
	Concept 2	5	EA	\$1,500.00			\$7,500.00						
	Concept 2a	5	EA	\$1,500.00				\$7,500.00					
	Concept 3	5	EA	\$1,500.00					\$7,500.00				
	Concept 3a	5	EA	\$1,500.00						\$7,500.00			
	Concept 4	5	EA	\$1,500.00							\$7,500.00		\$7,500.00
	Solar Lights Parking												
	Concept 1	2	EA	\$3,500.00	\$7,000.00								
	Concept 1a	2	EA	\$3,500.00		\$7,000.00							
	Concept 2	2	EA	\$3,500.00			\$7,000.00						
	Concept 2a	2	EA	\$3,500.00				\$7,000.00					
	Concept 3	1	EA	\$3,500.00					\$3,500.00				
	Concept 3a	1	EA	\$3,500.00						\$3,500.00			
	Concept 4	2	EA	\$3,500.00							\$3,500.00		\$7,000.00
	Trees	94	EA	\$400.00	\$37,600.00	\$37,600.00	\$37,600.00	\$37,600.00	\$37,600.00	\$37,600.00	\$37,600.00	\$37,600.00	\$37,600.00
	Sod												
	Concept 1	216,401	SqFt	\$0.50	\$108,200.50								
	Concept 1a	93,600	SqFt	\$0.50		\$46,800.00							
	Concept 2	138,540	SqFt	\$0.50			\$69,270.00						
	Concept 2a	105,823	SqFt	\$0.50				\$52,911.50					
	Concept 3	166,780	SqFt	\$0.50					\$83,390.00				
	Concept 3a	107,612	SqFt	\$0.50						\$53,806.00			
	Concept 4	136,026	SqFt	\$0.50									\$68,013.00
	Wildflower/Bluebonnet Seed												
	Concept 2	2	Acre	\$575.00			\$1,150.00		\$1,150.00				
	Hydromulch												
	Concept 1	235,599	SqFt	\$0.12	\$28,271.88								
	Concept 1a	372,552	SqFt	\$0.12		\$44,706.24							
	Concept 2	313,460	SqFt	\$0.12			\$41,541.24						
	Concept 2a	346,177	SqFt	\$0.12				\$41,541.24					
	Concept 3	313,724	SqFt	\$0.12					\$37,646.88				
	Concept 3a	372,892	SqFt	\$0.12						\$44,747.04			
Concept 4	315,974	SqFt	\$0.12									\$37,916.88	
Decomposed Granite													
Concept 1	10	CY	\$100.00	\$1,000.00									
Concept 1a	7	CY	\$100.00		\$700.00								
Concept 2	411	CY	\$100.00			\$41,100.00							
Concept 2a	411	CY	\$100.00				\$41,100.00						
Concept 3	356	CY	\$100.00					\$35,600.00					
Concept 3a	356	CY	\$100.00						\$35,600.00				
Concept 4	0	CY	\$100.00										
Subtotal					\$616,396.29	\$497,275.11	\$572,251.21	\$535,914.71	\$449,911.39	\$392,284.07		\$498,853.14	

OTHER COST	Tree Removal	0		\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Planning	1		\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
	Permits	1		\$2,400.00	\$2,400.00	\$2,400.00	\$2,400.00	\$2,400.00	\$2,400.00	\$2,400.00	\$2,400.00	\$2,400.00
	Inspections	1		\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
	Subtotal				\$9,900.00	\$9,900.00	\$9,900.00	\$9,900.00	\$9,900.00	\$9,900.00	\$9,900.00	\$9,900.00

Subtotals					\$626,296.29	\$507,175.11	\$582,151.21	\$545,814.71	\$459,811.39	\$402,184.07		\$508,753.14
Risk (Contingency 10%)					\$62,629.63	\$50,717.51	\$58,215.12	\$54,581.47	\$45,981.14	\$40,218.41		\$50,875.31
Total (Scheduled)					\$688,925.92	\$557,892.62	\$640,366.33	\$600,396.18	\$505,792.53	\$442,402.48		\$559,628.45

North Lakes Dog Park HWY 77 Construction Cost Estimate

Initial Construction Estimates
Completed: October 1, 2018
Options 1-7

PROJECT DESIGN	PROJECT TASKS											
	Amount	Unit	Unit Price	Total	Option 1	Option 1a	Option 2	Option 2a	Option 3	Option 3a	Option 4	
					Orion Park	1/2 Orion Park	Running Circles	1/2 Running Circles	Airfield Parking	1/2 Airfield Parking	Wiggly Field #2	
	Architectural Design	1	EA	\$0.00	\$0.00							
	Engineering Civil	1	EA	\$0.00	\$0.00							
	Engineering Geotechnical	1	EA	\$0.00	\$0.00							
	Surveys Topo and Lot	1	EA	\$0.00	\$0.00							
	City Design Cost Allocation	1	Lump	\$0.00	\$0.00							
	Subtotal			\$0.00	\$0.00							
	•Mow Strip (Agility area)											
	Concept 1	27.2	SY	\$51.51	\$1,401.07							
	Concept 1a	27.2	SY	\$51.51		\$1,401.07						
	Concept 2	27.2	SY	\$51.51			\$1,401.07					
	Concept 2a	27.2	SY	\$51.51				\$1,401.07				
	Concept 3	27.2	SY	\$51.51					\$1,401.07			
	Concept 3a	27.2	SY	\$51.51						\$1,401.07		
	Concept 4	0	SY	\$51.51								\$0.00
	•Pavilion Slab 19x26											
	Concept 1	220	SY	\$51.51	\$11,332.20							
	Concept 1a	110	SY	\$51.51		\$5,666.10						
	Concept 2	165	SY	\$51.51			\$8,499.15					
	Concept 2a	110	SY	\$51.51				\$5,666.10				
	Concept 3	165	SY	\$51.51					\$8,499.15			
	Concept 3a	110	SY	\$51.51						\$5,666.10		
	Concept 4	0	SY	\$51.51								\$0.00
	Shade Structure											
	Concept 1	4	EA	\$20,000.00	\$80,000.00							

	Concept 1a	2	EA	\$20,000.00		\$40,000.00						
	Concept 2	3	EA	\$20,000.00			\$60,000.00					
	Concept 2a	2	EA	\$20,000.00				\$40,000.00				
	Concept 3	3	EA	\$20,000.00					\$60,000.00			
	Concept 3a	3	EA	\$20,000.00						\$40,000.00		
	Concept 4	2	EA	\$20,000.00							\$40,000.00	
	Stone Bench (Concept2 &2a)	15	EA	\$750.00								
	Agility Equipment Complete Systems											
	Concept 1	1	EA	\$15,000.00	\$15,000.00							
	Concept 1a	1	EA	\$15,000.00		\$15,000.00						
	Concept 2	1	EA	\$15,000.00			\$15,000.00					
	Concept 2a	1	EA	\$15,000.00				\$15,000.00				
	Concept 3	1	EA	\$15,000.00					\$15,000.00			
	Concept 3a	1	EA	\$15,000.00						\$15,000.00		
	Concept 4	1	EA	\$15,000.00							\$15,000.00	
	Dog Waste Station- Roll Bag with sponsor/donor sign											
	Concept 1	20	EA	\$80.00	\$1,600.00							
	Concept 1a	10	EA	\$80.00		\$800.00						
	Concept 2	15	EA	\$80.00			\$1,200.00					
	Concept 2a	10	EA	\$80.00				\$800.00				
	Concept 3	20	EA	\$80.00					\$1,600.00			
	Concept 3a	15	EA	\$80.00						\$1,200.00		
	Concept 4	10	EA	\$80.00							\$800.00	
	Picnic Tables											
	Concept 1	16	EA	\$1,000.00	\$32,000.00							
	Concept 1a	8	EA	\$1,000.00		\$8,000.00						
	Concept 2	12	EA	\$1,000.00			\$12,000.00					
	Concept 2a	16	EA	\$1,000.00				\$16,000.00				
	Concept 3	16	EA	\$1,000.00					\$16,000.00			
	Concept 3a	12	EA	\$1,000.00						\$12,000.00		
	Concept 4	16	EA	\$1,000.00							\$16,000.00	
	Water Fountains											
	Concept 1	4	EA	\$5,000.00	\$20,000.00							
	Concept 1a	2	EA	\$5,000.00		\$10,000.00						
	Concept 2	3	EA	\$5,000.00			\$15,000.00					
	Concept 2a	2	EA	\$5,000.00				\$10,000.00				
	Concept 3	4	EA	\$5,000.00					\$20,000.00			
	Concept 3a	3	EA	\$5,000.00						\$15,000.00		
	Concept 4	2	EA	\$5,000.00							\$10,000.00	
	Sign (main)	1	EA	\$15,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
	Subtotal				\$163,333.27	\$82,867.17	\$115,100.22	\$90,867.17	\$124,500.22	\$92,267.17	\$83,800.00	
OTHER COST	Tree Removal	0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Planning	0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Permits	0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Inspections	0		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Subtotal				\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Subtotals				\$163,333.27	\$82,867.17	\$115,100.22	\$90,867.17	\$124,500.22	\$92,267.17	\$83,800.00		
Risk (Contingency 10%)				\$16,333.33	\$8,286.72	\$11,510.02	\$9,086.72	\$12,450.02	\$9,226.72	\$8,380.00		
Total (Scheduled)				\$179,666.60	\$91,153.89	\$126,610.24	\$99,953.89	\$136,950.24	\$101,493.89	\$92,180.00		