

ESTIMATE OF PROBABLE COST

PROJECT: Gate Street Recreation Area			JOB NO: 3880.002		DATE: 6/2/2023	
CLIENT: Town of Voluntown			PREP BY: B&L			
	TOTAL	UNIT	QTY	COST/UNIT	2023 COSTS	WITH 25% Contingency
GATE STREET RECREATION AREA						
NEW PLAYGROUND (5-12 YEARS)						
	PLAYGROUND EQUIPMENT	EA	1	\$150,000.00	\$150,000.00	\$187,500.00
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Playground Area)	CY	295	\$30.00	\$8,850.00	\$11,062.50
	POURED-IN PLACE RUBBER SURFACING	SF	11,890	\$20.00	\$237,800.00	\$297,250.00
	NEW SPLIT RAIL FENCE	LF	185	\$75.00	\$13,875.00	\$17,343.75
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Bench Foundation)	CY	3	\$40.00	\$120.00	\$150.00
	CONCRETE PAD FOR BENCH	SF	120	\$24.00	\$2,880.00	\$3,600.00
	NEW BENCHES	EA	4	\$2,500.00	\$10,000.00	\$12,500.00
	NEW LITTER (TRASH) RECEPTACLE	EA	2	\$1,000.00	\$2,000.00	\$2,500.00
	LAWN RESTORATION (Assume 5' perimeter around playground)	SY	235	\$20.00	\$4,700.00	\$5,875.00
	SUBTOTAL:				\$430,225	\$537,781
	15% PROFESSIONAL DESIGN FEES:				\$64,534	\$80,667
	TOTAL:				\$494,759	\$618,448
NEW PLAYGROUND (2-5 YEARS)						
	PLAYGROUND EQUIPMENT	EA	1	\$75,000.00	\$75,000.00	\$93,750.00
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Playground Area)	CY	215	\$30.00	\$6,450.00	\$8,062.50
	POURED-IN PLACE RUBBER SURFACING	SF	8,635	\$20.00	\$172,700.00	\$215,875.00
	NEW SPLIT RAIL FENCE	LF	280	\$75.00	\$21,000.00	\$26,250.00
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Bench Foundation)	CY	2	\$40.00	\$60.00	\$75.00
	CONCRETE PAD FOR BENCH	SF	60	\$24.00	\$1,440.00	\$1,800.00
	NEW BENCHES	EA	2	\$2,500.00	\$5,000.00	\$6,250.00
	NEW LITTER (TRASH) RECEPTACLE	EA	1	\$1,000.00	\$1,000.00	\$1,250.00
	LAWN RESTORATION (Assume 5' perimeter around playground)	SY	215	\$20.00	\$4,300.00	\$5,375.00
	SUBTOTAL:				\$286,950	\$358,688
	15% PROFESSIONAL DESIGN FEES:				\$43,043	\$53,803
	TOTAL:				\$329,993	\$412,491

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EXPANDED PARKING AREA & BOAT LAUNCH DRIVE						
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Asphalt Pavement)	CY	1,375	\$30.00	\$41,250.00	\$51,562.50
	ASPHALT PAVEMENT (Includes Subbase)	SY	6,173	\$65.00	\$401,266.67	\$501,583.33
	CONCRETE SIDEWALK/PATHWAY TO ROAD	SF	1,695	\$17.00	\$28,815.00	\$36,018.75
	DETECTABLE WARNING STRIP	SF	54	\$42.50	\$2,295.00	\$2,868.75
	NEW STRIPING	LF	1,892	\$1.00	\$1,892	\$2,365.00
	NEW PAVEMENT MARKINGS	SF	1,094	\$5.00	\$5,470	\$6,837.50
	LAWN RESTORATION (Assume 5ft on either side of pathways, and include landscape Islands)	SY	1,450	\$20.00	\$29,000.00	\$36,250.00
	SUBTOTAL:				\$509,989	\$637,486
	15% PROFESSIONAL DESIGN FEES:				\$76,498	\$95,623
	TOTAL:				\$586,487	\$733,109
REMOVALS						
	REMOVAL OF EXISTING GARAGE	LS	1	\$50,000.00	\$50,000.00	\$62,500.00
	REMOVAL OF BASEBALL FIELD & LAWN RESTORATION	LS	1	\$25,000.00	\$25,000.00	\$31,250.00
	EXISTING PARKING AREA -PARTIAL REMOVAL & LAWN RESTORATION	LS	1	\$28,000.00	\$28,000.00	\$35,000.00
	REMOVAL OF EXISTING PLAYGROUND & LAWN RESTORATION	LS	1	\$25,000.00	\$25,000.00	\$31,250.00
	SUBTOTAL:				\$128,000	\$160,000
	15% PROFESSIONAL DESIGN FEES:				\$19,200	\$24,000
	TOTAL:				\$147,200	\$184,000
FAMILY PICNIC AREA						
	PICNIC TABLE - WHEELCHAIR ACCESSIBLE	EA	6	\$3,000.00	\$18,000.00	\$23,000.00
	SUBTOTAL:				\$18,000	\$23,000
	15% PROFESSIONAL DESIGN FEES:				\$2,700	\$3,450
	TOTAL:				\$20,700	\$26,450
PAVILION & NEW BATHROOMS						
	BUILDING-RESTROOM & OFFICE (16'x32')	LS	1	\$125,000.00	\$125,000.00	\$156,250.00
	PAVILION (32'x54')	LS	1	\$175,000.00	\$175,000.00	\$218,750.00
	BICYCLE RACK (DESIGN CAPACITY 6 BICYCLES)	EA	2	\$1,500.00	\$3,000.00	\$3,750.00
	SUBTOTAL:				\$303,000	\$378,750
	15% PROFESSIONAL DESIGN FEES:				\$45,450	\$56,813
	TOTAL:				\$348,450	\$435,563

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FENCED DOG PARK						
	NEW 6FT HIGH CHAIN LINK FENCE	LF	465	\$75.00	\$34,875.00	\$43,593.75
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Mulched Dog Park)	CY	215	\$30.00	\$6,450.00	\$8,062.50
	NEW MULCH COVER (6" DEEP)	SY	957	\$9.00	\$8,612.00	\$10,765.00
	NEW SHADE STRUCTURE	EA	2	\$30,000.00	\$60,000.00	\$75,000.00
	NEW PET PLAYGROUND EQUIPMENT	LS	1	\$10,000.00	\$10,000.00	\$12,500.00
	NEW PET WASTE BAG DISPENSER	EA	2	\$2,000.00	\$4,000.00	\$5,000.00
	NEW SIGNAGE	EA	1	\$500.00	\$500.00	\$625.00
	WATER BOTTLE FILLING STATION WITH PET FOUNTAIN (includes water service)	EA	1	\$7,000.00	\$7,000.00	\$8,750.00
	WATER SERVICE	LS	1	\$10,000.00	\$10,000.00	\$12,500.00
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	220	\$20.00	\$4,400.00	\$5,500.00
	SUBTOTAL:				\$145,837	\$182,296
	15% PROFESSIONAL DESIGN FEES:				\$21,876	\$27,344
	TOTAL:				\$167,713	\$209,641
BICYCLE SKILLS PARK						
	NEW BICYCLE SKILLS EQUIPMENT (WOODEN AND/OR CONCRETE JUMPS/RAMPS/STRUCTURES, ETC.)	LS	1	\$50,000.00	\$50,000.00	\$62,500.00
	DIRT PATHWAY SURFACING	SF	10,550	\$2.00	\$21,100.00	\$26,375.00
	BICYCLE RACK (DESIGN CAPACITY 6 BICYCLES)	EA	2	\$1,500.00	\$3,000.00	\$3,750.00
	NEW SIGNAGE	EA	1	\$500.00	\$500.00	\$625.00
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	960	\$20.00	\$19,200.00	\$24,000.00
	SUBTOTAL:				\$93,800	\$117,250
	15% PROFESSIONAL DESIGN FEES:				\$14,070	\$17,588
	TOTAL:				\$107,870	\$134,838

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SPORTS COURTS						
	RELOCATION OF DISC GOLF TARGETS	EA	4	\$500.00	\$2,000.00	\$2,500.00
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Volleyball Area)	CY	105	\$30.00	\$3,150.00	\$3,937.50
	BEACH VOLLEYBALL COURT SAND (1' DEEP) (2 COURTS)	CY	102	\$50.00	\$5,092.59	\$6,365.74
	NEW POSTS AND NETS - BEACH VOLLEYBALL COURT (7.95' TALL)	EA	2	\$1,500.00	\$3,000.00	\$3,750.00
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	140	\$20.00	\$2,800.00	\$3,500.00
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Multi Sport Court Area)	CY	375	\$30.00	\$11,250.00	\$14,062.50
	NEW COURT SURFACING - TENNIS (1 COURT)	SF	2,808	\$5.00	\$14,040.00	\$17,550.00
	NEW ASPHALT COURT (Entire court area)	SF	15,145	\$10.00	\$151,450.00	\$189,312.50
	NEW POSTS AND NETS - TENNIS (1 COURT)	EA	1	\$1,000.00	\$1,000.00	\$1,250.00
	DIGITAL INFORMATION SIGN	EA	1	\$10,000.00	\$10,000.00	\$12,500.00
	NEW COURT SURFACING - WALLBALL (2 COURT)	SF	1,360	\$5.00	\$6,800.00	\$8,500.00
	NEW CONCRETE WALL - WALLBALL (2 COURT)	SF	640	\$40.00	\$25,600.00	\$32,000.00
	NEW COURT SURFACING - PICKLEBALL (2 COURT)	SF	1,760	\$5.00	\$8,800.00	\$11,000.00
	NEW POSTS AND NETS - PICKLEBALL (2 COURT)	EA	2	\$1,000.00	\$2,000.00	\$2,500.00
	NEW 8FT HIGH CHAIN LINK FENCE (INCLUDING (2) SINGLE ACCESS GATES)	LF	495	\$95.00	\$47,025.00	\$58,781.25
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	285	\$20.00	\$5,700.00	\$7,125.00
	SUBTOTAL:				\$299,708	\$374,634
	15% PROFESSIONAL DESIGN FEES:				\$44,956	\$56,195
	TOTAL:				\$344,664	\$430,830
PEDESTRIAN WALKING PATHS THROUGH PARK						
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Bench Foundation)	CY	20	\$40.00	\$780.00	\$975.00
	CONCRETE PAD FOR BENCH	SF	780	\$24.00	\$18,720.00	\$23,400.00
	NEW BENCHES	EA	26	\$2,500.00	\$65,000.00	\$81,250.00
	NEW LITTER (TRASH) RECEPTACLE	EA	26	\$1,000.00	\$26,000.00	\$32,500.00
	LIGHT POST	EA	26	\$15,000.00	\$390,000.00	\$487,500.00
	PICNIC TABLE - WHEELCHAIR ACCESSIBLE	EA	3	\$3,000.00	\$9,000.00	\$11,250.00
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Pathway)	CY	1,100	\$30.00	\$33,000.00	\$41,250.00
	10 FT PEDESTRIAN PATHWAYS (ASPHALT) (Includes Subbase)	SY	4,944	\$42.00	\$207,643.33	\$259,554.17
	DETECTABLE WARNING STRIP	SF	216	\$42.50	\$9,180.00	\$11,475.00
	WAYFINDING SIGNAGE	EA	10	\$500.00	\$5,000.00	\$6,250.00
	TERRA BOUND SOLUTIONS DOG WASTE SYSTEM	EA	2	\$2,000.00	\$4,000.00	\$5,000.00
	BOTTLE FILL STATION	EA	2	\$7,000.00	\$14,000.00	\$17,500.00
	WATERLINE CONNECTION	LS	2	\$10,000.00	\$20,000.00	\$25,000.00
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	4,285	\$20.00	\$85,700.00	\$107,125.00
	SUBTOTAL:				\$888,023	\$1,110,029
	15% PROFESSIONAL DESIGN FEES:				\$133,204	\$166,504
	TOTAL:				\$1,021,227	\$1,276,534

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SIDEWALKS ALONG ROADWAYS						
	UNCLASSIFIED EXCAVATION AND DISPOSAL (Sidewalk)	CY	85	\$30.00	\$2,550.00	\$3,187.50
	5 FT CONCRETE SIDEWALK (Includes Subbase)	SF	3,410	\$15.50	\$52,855.00	\$66,068.75
	RECTANGULAR RAPID FLASHING BEACON	EA	2	\$10,000.00	\$20,000.00	\$25,000.00
	PAINT STRIPING - STREET CROSSING	SF	340	\$5.00	\$1,700.00	\$2,125.00
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	795	\$20.00	\$15,900.00	\$19,875.00
	LIGHT POST	EA	11	\$15,000.00	\$165,000.00	\$206,250.00
	SUBTOTAL:				\$93,005	\$322,506
	15% PROFESSIONAL DESIGN FEES:				\$13,951	\$48,376
	TOTAL:				\$106,956	\$370,882
COMMUNITY GARDEN						
	NEW 6FT HIGH CHAIN LINK FENCE	LF	270	\$75.00	\$20,250.00	\$25,312.50
	NEW MULCH COVER (6" DEEP)	SY	360	\$9.00	\$3,240.01	\$4,050.02
	PLANTER BOXES (Includes soil)	EA	30	\$500.00	\$15,000.00	\$18,750.00
	LAWN RESTORATION (Assume 5ft off of disturbed areas)	SY	160	\$20.00	\$3,200.00	\$4,000.00
	SUBTOTAL:				\$41,690	\$52,113
	15% PROFESSIONAL DESIGN FEES:				\$6,254	\$7,817
	TOTAL:				\$47,944	\$59,929
RAIN GARDENS/POLLINATOR GARDENS						
	RAIN GARDEN (Assume underdrain, bioretention soil, and plantings)	SF	10,870	\$8.50	\$92,395.00	\$115,493.75
	POLLINATOR GARDEN (soil, and plantings)	SF	7,495	\$5.50	\$41,222.50	\$51,528.13
	SUBTOTAL:				\$133,618	\$167,022
	15% PROFESSIONAL DESIGN FEES:				\$20,043	\$25,053
	TOTAL:				\$153,660	\$192,075
VIEW SHEDS						
	SELECTIVE REMOVAL OF INVASIVE PLANT SPECIES	SF	2,000	\$15.00	\$30,000.00	\$37,500.00
	FISHING PIER/OVERLOOK STRUCTURE (ONE STRUCTURE)	SF	1,500	\$50.00	\$75,000.00	\$93,750.00
	STRUCTURE RAILING	LF	110	\$150.00	\$16,500.00	\$20,625.00
	PICNIC TABLE - WHEELCHAIR ACCESSIBLE	EA	2	\$3,000.00	\$6,000.00	\$7,500.00
	SUBTOTAL:				\$127,500	\$159,375
	15% PROFESSIONAL DESIGN FEES:				\$19,125	\$23,906
	TOTAL:				\$146,625	\$183,281
SITE LANDSCAPING						
	MAJOR TREES	EA	80	\$800.00	\$64,000	\$80,000.00
	MINOR TREES	EA	80	\$500.00	\$40,000	\$50,000.00
	LAWN RESTORATION	SY	2,000	\$20.00	\$40,000	\$50,000.00
	SUBTOTAL:				\$144,000	\$180,000
	15% PROFESSIONAL DESIGN FEES:				\$21,600	\$27,000
	TOTAL:				\$165,600	\$207,000
	PROBABLE COST TOTAL:				\$4,189,846	\$5,475,070

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