



Herbert, Rowland & Grubic, Inc.
Engineering & Related Services

AN EMPLOYEE-OWNED COMPANY

LITTLESTOWN BOROUGH COMMUNITY PARK MASTER SITE PLAN						
PLANNING LEVEL COST ESTIMATE - REVISION 1						
Item	Qty	Unit	Material	Unit Cost	Total	Comments
Erosion & Sediment Control (5%)	1	LS		\$ 60,000.00	\$ 60,000.00	
Mobilization (5%)	1	LS		\$ 60,000.00	\$ 60,000.00	
Trail Surface	4,700	SY	Decomposed Granite	\$ 18.00	\$ 84,600.00	Assume 4" depth of stabilized decomposed granite plus 4" of #57 stone subbase; no edge restraint
Lawn Seeding - Soccer Fields	90,000	SF	Hydroseed	\$ 0.15	\$ 13,500.00	Hydroseed application
Earthwork Allowance - Soccer Fields & Trail Sections	1	LS		\$ 75,000.00	\$ 75,000.00	Cut and fill without stockpile; 1500' haul; fine grade topsoil for seeded lawn areas
Infield Construction w/ Drainage System, Baseball	1	LS		\$ 35,000.00	\$ 35,000.00	6" compacted infield mix w/ underdrainage, clay, fine grading
Dugout System	1	LS		\$ 40,000.00	\$ 40,000.00	Assume 8' ht. x 30' length x 8' ht., concrete slab on grade, split faced block, metal roof, aluminum bench w/ back
Baseball Outfield Restoration	1	LS		\$ 35,000.00	\$ 35,000.00	Assume 6" topsoil, hydroseed
Pickleball Court	2	EA		\$ 40,000.00	\$ 80,000.00	Assume two (2) double asphalt courts; cost excludes lighting, windscreen and subgrade prep but includes nets
Bocce Court	1	EA		\$ 30,000.00	\$ 30,000.00	Assume 13' wide x 90' long court at \$25.00/sf
Pavilion	1	LS	Timber & Metal	\$ 25,000.00	\$ 25,000.00	Assume 25' wide x 25' long prefab pavilion; site preparation and installation costs not included
Pavilion Surface	1500	SF	Concrete	\$ 8.00	\$ 12,000.00	4" concrete on 4" of #57 stone subbase; broom swept finish
Horseshoe Pit	2	EA		\$ 3,500.00	\$ 7,000.00	
Pollinator Meadow Seeding	28,000	SF	Drill seed	\$ 0.12	\$ 3,360.00	Drill seed application
Pollinator Meadow Seed Qty (28,000 s.f.)	3	LBS	ERNMX-153-1	\$ 110.00	\$ 330.00	Ernst Conservation Seeds - Showy Northeast Native Wildflower Mix (5 lbs/acre)
Pollinator Meadow Cover Crop (28,000 s.f.)	20	LBS	ERNMX-135	\$ 0.98	\$ 19.60	Ernst Conservation Seeds - Cover Crop Mix (40 lbs/acre)
Lawn Seeding - General Park Areas	8000	SF	Hydroseed	\$ 0.15	\$ 1,200.00	Hydroseed application
Shade Trees	50	EA	B&B	\$ 300.00	\$ 15,000.00	2.5-3" cal. B&B
Flowering Trees	40	EA	B&B	\$ 280.00	\$ 11,200.00	6-8' ht. B&B
Riparian Buffer Trees	30	EA	Saplings w/ Shelters	\$ 30.00	\$ 900.00	2-3' ht. tree saplings with Combitube tree shelters, stakes and bird netting
Restroom	1	EA	Prefab	\$ 200,000.00	\$ 200,000.00	Assume 10' wide x 150' long prefab structure; site preparation, utility work and installation costs not included
Water Line to Restroom	150	LF	Ductile Iron	\$ 90.00	\$ 13,500.00	Assume 6" ductile iron pipe connected to water service at existing community center building
Sewer Service to Restroom	150	LF	8" PVC	\$ 32.00	\$ 4,800.00	Includes excavation and backfill
Painted Parking Lines	212	EA	White Paint	\$ 0.15	\$ 31.80	4" wide painted line markings
HC Symbol Painting (single color)	10	EA	White Paint	\$ 2.50	\$ 25.00	
Playground Equipment	1	LS	Varies	\$ 310,000.00	\$ 310,000.00	Lump Sum allowance for all three (3) Play Areas including ADA play equipment; Pieces can be installed in phases
Playground Subbase	2400	SY	2A Stone	\$ 9.00	\$ 21,600.00	Quantity is for all three (3) Play Areas combined; 6" 2A stone subbase; does not include edging
Playground Wood Fiber Surface	21600	SF	Wood Fiber	\$ 3.00	\$ 64,800.00	Quantity is for all three (3) Play Areas combined; does not include edging
Playground Underdrain	660	LF		\$ 12.00	\$ 7,920.00	Includes 6" perforated underdrain and geotextile fabric
Benches	8	EA	Wood & Metal	\$ 1,500.00	\$ 12,000.00	Concrete pads for benches not included in costs
Litter Receptacles	2	EA	Wood & Metal	\$ 1,400.00	\$ 2,800.00	Concrete pads for litter receptacles not included in costs
Bike Rack	2	EA	Metal	\$ 750.00	\$ 1,500.00	Concrete pad for bike rack not included in costs
Bioswale & Rain Garden	1	LS		\$ 15,000.00	\$ 15,000.00	Lump Sum for site grading, utility piping, erosion control matting, native plantings
Pet Waste Station	1	LS	Metal	\$ 400.00	\$ 400.00	Assume Dogipot Aluminum Dog Waste Station & Receptacle
Water Bottle Filling Station	1	LS	Metal	\$ 1,000.00	\$ 1,000.00	Cost is for fixture only; Station assumed to be installed as part of Restroom Upgrade/Renovation
Signage	1	LS		\$ 400.00	\$ 400.00	DCNR Grant Acknowledgement Sign
			SUBTOTAL		\$ 1,244,886.40	
			Engineering Costs (10%) =		\$ 124,488.64	
			Total with Engineering Costs =		\$ 1,369,375.04	
			General Conditions (10%) =		\$ 136,937.50	
			Total with General Conditions =		\$ 1,506,312.54	
			Contingency (5%) =		\$ 75,315.63	
			GRAND TOTAL =		\$ 1,581,628.17	

EXCLUSIONS						
Site Lighting - convert to LED						
Relocation of Existing Gazebo						
Removal of Existing Play Equipment						
Fishing Pier at Restored Pond						
Soccer Field Slope Seating						
Community Pool Pavilions or Improvements						
Playground Fencing						