



CALC'D BY: TAS
 CALC'D DATE: 1/20/2023
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Design - Engineer's Project Cost Opinion
 for
FERGUSON TOWNSHIP GREENBRIAR-SAYBROOK PARK
MASTER SITE PLAN PROJECT
R000769.0432

ITEM DESCRIPTION	Quantity	Unit	Unit Price	Total
A. Demolition / Site Preparation				
Miscellaneous Demolition	1	LS	\$12,500.00	\$12,500.00
			TOTAL	\$12,500.00
B. Parking Lot Improvements				
ADA Pavement Markings, 4" Blue, Thermoplastic	1	LS	\$3,000.00	\$3,000.00
ADA Parking Post-Mounted Sign, Type B	1	EA	\$500.00	\$500.00
			TOTAL	\$3,500.00
C. Bituminous Pavement and Trails				
8' Wide Trail - New Trail Extensions (Class 1 Asphalt)	1200	SY	\$35.00	\$42,000.00
Pave Existing Trail System (Class 1 Asphalt)	1778	SY	\$35.00	\$62,230.00
ADA Companion Seating Areas (30"x42" Asphalt)	70	SY	\$35.00	\$2,450.00
Bicycle Parking Areas (Asphalt)	24	SY	\$35.00	\$840.00
			TOTAL	\$107,520.00
D. New Sports Amenities				
Bocce Court	1	EA	\$30,000.00	\$30,000.00
			TOTAL	\$30,000.00
E. Tot Lot Playground Improvements & Nature Playground				
ADA / Play Equipment Allowance (2-5 yr olds)	1	LS	\$37,500.00	\$37,500.00
Nature Play / Discovery Zone Allowance	1	LS	\$125,000.00	\$125,000.00
Supply and Level Mulch Safety Surface to Tot Lot	1	LS	\$4,500.00	\$4,500.00
Tot Lot Equipment Shipping & Installation Allowance	1	LS	\$10,500.00	\$10,500.00
Removal of Existing Equipment (10%)	1	LS	\$3,200.00	\$3,200.00
Unit Paver Plaza	1000	SF	\$25.00	\$25,000.00
			TOTAL	\$205,700.00

F. New Youth Playground (5-12 Yrs)				
Burke Inclusive 5-12 YR Play Structure	1	EA	\$222,500.00	\$222,500.00
Burke Inclusive 2-Bay Swing	1	EA	\$12,500.00	\$12,500.00
Burke Inclusive Orbit	1	EA	\$15,000.00	\$15,000.00
Burke Inclusive Playsemble	1	EA	\$30,000.00	\$30,000.00
Bulk Earthwork Allowance	1	LS	\$10,500.00	\$10,500.00
Supply, Level and Compact Stone Sub-Base	1	LS	\$28,500.00	\$28,500.00
Playbound Poured-In-Place Rubber Safety Surface	1	LS	\$102,500.00	\$102,500.00
Stormwater BMP Infiltration Bed	315	CY	\$140.00	\$44,100.00
Play Equipment Shipping & Installation (30%)	1	LS	\$84,000.00	\$84,000.00
			TOTAL	\$549,600.00
G. Site Amenities				
Benches (Wood & Metal)	8	EA	\$1,500.00	\$12,000.00
Circular Bench (Wood & Metal)	1	EA	\$8,500.00	\$8,500.00
Adult Exercise Stations Allowance	8	EA	\$6,000.00	\$48,000.00
Delivery and Installation of Exercise Stations	1	LS	\$12,500.00	\$12,500.00
Bike Racks (Metal)	1	EA	\$750.00	\$750.00
Pet Waste Station	2	EA	\$400.00	\$800.00
Educational Signage Allowance (4 PreFab Signs)	1	LS	\$7,200.00	\$7,200.00
			TOTAL	\$89,750.00
H. Pavilions and Structures				
Picnic Pavilion (16' x 24' Timber & Metal PreFab)	1	LS	\$35,000.00	\$35,000.00
Pavilion Surface (Concrete)	384	SF	\$15.00	\$5,760.00
Shade Sail Allowance (2 Shade Sails)	2	EA	\$30,000.00	\$60,000.00
Shade Sail Shipping and Installation (30%)	1	LS	\$18,000.00	\$18,000.00
Outdoor Classroom Pergola Allowance	1	LS	\$25,000.00	\$25,000.00
Stepping Stones	568	SF	\$35.00	\$19,880.00
			TOTAL	\$163,640.00
I. Landscaping				
Native Shade Trees (2-2.5" cal. B&B)	17	EA	\$350.00	\$5,950.00
Native Evergreen Trees (8-10' ht., B&B)	15	EA	\$275.00	\$4,125.00
Native Pollinator Meadow Seeding	2900	SY	\$1.30	\$3,770.00
Native Rain Garden Seed Mix (20 lbs/acre)	4	LBS	\$40.00	\$160.00
Low-Mow Planting Area (7 lbs/1000 sq.ft.)	97	LBS	\$5.95	\$577.15
Picnic Grove (Native Trees 2-2.5" cal. B&B, 25' o.c.)	20	EA	\$350.00	\$7,000.00
General Planting Areas (1 gallon perennials, 3' o.c.)	620	EA	\$15.00	\$9,300.00
Sensory Garden Plantings (1 gallon perennials, 3' o.c.)	270	EA	\$15.00	\$4,050.00
Invasive Species Management Allowance	1	LS	\$2,500.00	\$2,500.00
			TOTAL	\$37,432.15
J. Stormwater Drainage Improvements				
Rain Garden Construction Allowance	490	CY	\$36.00	\$17,600.00
Vegetated Bioswale	1880	LF	\$104.00	\$195,520.00
EROSION & SEDIMENTATION CONTROL	1	LS	\$6,000.00	\$6,000.00
			TOTAL	\$219,120.00
			SUBTOTAL	\$1,418,762.15
			10% Contingency	\$141,876.22
			Construction Phase Engineering (10%)	\$156,063.84
			TOTAL	\$1,716,702.20