

Musselman Park  
Park Master Plan Cost Estimate  
05/19/2023

SITE DETAILS				
DESCRIPTION	UNIT	UNIT COST	QUANTITY	COST
<b>ROADS</b>				
ROAD PAVEMENT (ASPHALT)	S.Y.	-	3570	-
SUBGRADE FOR ASPHALT	S.Y.	\$3.50	3570	\$12,495.00
1.5" SM 9.5-A	S.Y.	\$10.65	3570	\$38,020.50
2" IM-19	S.Y.	\$13.50	3570	\$48,195.00
6" 21-A	S.Y.	\$18.00	3570	\$64,260.00
STREAM CROSSING	LS	\$100,000.00	1	\$100,000.00
THERMOPLASTIC STRIPING	EA	\$300.00	4	\$1,200.00
<b>CATEGORY SUB-TOTAL</b>				<b>\$264,170.50</b>
<b>PARKING/TRANSPORTATION</b>				
LOT PAVEMENT (ASPHALT)	S.Y.	-	7131	-
SUBGRADE FOR ASPHALT	S.Y.	\$3.50	7131	\$24,958.89
1.5" SM 9.5-A	S.Y.	\$10.65	7131	\$75,946.33
2" IM-19	S.Y.	\$13.50	7131	\$96,270.00
6" 21-A	S.Y.	\$18.00	7131	\$128,360.00
WHEEL STOPS (CONCRETE)	EA	\$100.00	143	\$14,300.00
LOT STRIPING	LF	\$2.50	600	\$1,500.00
SIDEWALK PAVEMENT (CONCRETE)	S.Y.	\$62.00	2857	\$177,134.00
TRAIL (SOFT)	S.Y.	\$19.00	4691	\$89,131.11
TRAIL (PAVED)	S.F.	\$11.00	34510	\$379,610.00
<b>CATEGORY SUB-TOTAL</b>				<b>\$987,210.33</b>
<b>PLAYGROUND</b>				
PLAYGROUND COVER (WOOD CHIPS)	S.Y.	\$19.00	2638	\$50,115.67
NATURE PLAYGROUND	EA	\$100,000.00	1	\$100,000.00
INCLUSION PLAYGROUND	EA	\$220,000.00	1	\$220,000.00
<b>CATEGORY SUB-TOTAL</b>				<b>\$370,115.67</b>
<b>LANDSCAPING</b>				
LARGE DECIDUOUS TREES	EA	\$600.00	107	\$64,200.00
ORNAMENTAL TREES	EA	\$400.00	50	\$20,000.00
LARGE DECIDUOUS SHRUBS	EA	\$80.00	100	\$8,000.00
SUCCESSIONAL PLANTINGS LANDSCAPED AREA	S.F.	\$2.40	39285	\$94,284.00
BUFFER LANDSCAPED AREA	S.F.	\$5.00	135835	\$679,175.00
MEADOW	AC	\$7,000.00	13.2	\$92,400.00
TURF	S.Y.	\$3.00	70727	\$212,182.33
<b>CATEGORY SUB-TOTAL</b>				<b>\$1,170,241.33</b>
<b>SPORTS</b>				
SPORT COURTS	EA	\$40,000.00	10	\$400,000.00
DISC GOLF PUTTING GREEN ^	PER HOLE	\$2,200.00	2	\$4,400.00
<b>CATEGORY SUB-TOTAL</b>				<b>\$404,400.00</b>
<b>MISCELLANEOUS</b>				
SHELTER (SHADE/PICNIC/EDUCATION)	EA	\$100,000.00	8	\$800,000.00
MAINTENANCE FACILITY *	EA	\$445,000.00	1	\$445,000.00
RESTROOM FACILITIES (PRE FAB, PLUMBED)	EA	\$300,000.00	2	\$600,000.00
PICNIC TABLES	EA	\$2,000.00	11	\$22,000.00
GATES	EA	\$3,000.00	2	\$6,000.00
PARK ENTRANCE SIGN	EA	\$3,000.00	1	\$3,000.00
BIKE RACK	EA	\$1,500.00	2	\$3,000.00
DOGGY STATIONS	EA	\$900.00	3	\$2,700.00
TRASH CANS	EA	\$1,000.00	7	\$7,000.00
BENCHES	EA	\$1,200.00	15	\$18,000.00
FENCING	LF	\$50.00	2100	\$105,000.00
<b>CATEGORY SUB-TOTAL</b>				<b>\$2,011,700.00</b>
<b>TOTAL CONSTRUCTION COSTS</b>				<b>\$5,207,837.83</b>
<b>CONSTRUCTION SUPPORT COSTS</b>				
MOBILIZATION	LS	\$25,000	1	\$25,000.00
EARTHWORK (GRADING/ DEMO/ E&S)	<b>10% OF CONSTRUCTION COST</b>			\$520,783.78
<b>SUB-TOTAL OF ALL COSTS</b>				<b>\$5,753,621.62</b>
<b>TOTAL (WITH 10% CONTINGENCY)</b>				<b>\$6,328,983.78</b>
^ ASSUMES EACH HOLE HAS A BASKET (\$1000), TEE (\$500), AND PAVED 5' WIDE SIDEWALK 10' LONG (\$700)				
* ASSUMES 1,500 SF BLDG @ \$250/SF AND A 7,000 SF MAINTENANCE YARD @10/SF				