



TOWN OF MADISON

Facilities Office



William H. McMinn
Director of Facilities

October 10, 2018

Brown Outdoor Play and Leaning Area

Preliminary Cost Estimate

Site Clearing / Prep/ Demolition/ Earthwork: \$27,200

- Tree Protection
- Tree / Stump removal
- Earthwork
- Gravel Walk Removal
- Bituminous Walk Removal

Site Improvements: \$105,860

- Concrete Stairs w/ Railings
- Concrete Walk
- Concrete Ramp w/ Railings
- Bituminous Walk
- Concrete Wall
- Segmental Wall
- Decorative Fence

Painting and Lawn: \$31,340

Drainage / S&E Control: \$25,000

- Play Area Underdrainage
- Drain Inlets
- Sedimentation Control

Middle School Site Improvements approved July 1, 2018

Total: \$189,400

**Preliminary cost estimate from Richter & Cegan Inc. dated 12-21-2017

Brown Middle School Outdoor Play Area & Learning Space

Brown Middle School Site Improvements	Approved July 1, 2018	Additional cost
<u>Preliminary Cost Estimate</u>	*	**
<u>Site Clearing / Prep/ Demolition/ Earthwork:</u>	\$27,200	\$ 22,325
<ul style="list-style-type: none"> • Tree Protection • Tree / Stump removal • Earthwork • Gravel Walk Removal • Bituminous Walk Removal 		
<u>Site Improvements</u>	\$105,860	\$ 27,237
<ul style="list-style-type: none"> • Concrete Stairs w/ Railings • Concrete Walk • Concrete Ramp w/ Railings • Bituminous Walk • Concrete Wall • Segmental Wall • Decorative Fence 		
<u>Painting and Lawn</u>	\$31,340	\$ 16,809
<u>Drainage / S&E Control</u>	\$25,000	\$ 10,000
<ul style="list-style-type: none"> • Play Area Underdrainage • Drain Inlets • Sedimentation Control 		
Brown Middle School Site Improvements	Approved July 1, 2018	Additional cost
Total	\$189,400	\$ 76,371

*Preliminary cost estimate from Richter & Cegan Inc. dated 12-21-2017

Proposed Outdoor Play & Learning Area	Additional cost
Play Equipment Installed and Poured in Place Play Surface	\$ 313,668
Amphitheater, Benches, Outdoor classroom, Swings, Gaga Pit, Fencing and other items	\$ 154,764
Sub-Total	\$ 544,803
Contingency of 15% of overall project	\$ 110,130
Total	\$ 654,933

**Brown Playground Cost Estimate Richter & Cegan Inc. dated 9-4-2018 with added scope

Brown Playground Cost Estimate

September 4, 2018

Item	Unit	Price	Quantity	Total
Site Clearing/Grading	Allow	\$ 35,000.00	1	\$ 35,000.00
Tree Protection	EA	\$ 2,500.00	1	\$ 2,500.00
Tree/Stump Removal	Allow	\$ 10,000.00	1	\$ 10,000.00
Gravel Walk Removal	SF	\$ 0.50	2,000	\$ 1,000.00
Bituminous Walk Removal	SF	\$ 1.00	1,014	\$ 1,014.00
Concrete Stairs	SF	\$ 30.00	48	\$ 1,440.00
Concrete Ramp	LF	\$ 41.00	77	\$ 3,157.00
Railings for Steps and Ramp	LF	\$ 65.00	170	\$ 11,050.00
Bituminous Walk	SF	\$ 7.00	7,492	\$ 52,444.00
Concrete Wall	LF	\$ 300.00	31	\$ 9,300.00
Segmental Wall	LF	\$ 100.00	83	\$ 8,300.00
Decorative Fence	LF	\$ 285.00	26	\$ 7,410.00
8' Ht. Chain Link Fence	LF	\$ 50.00	92	\$ 4,600.00
4' Ht. Chain Link Fence	LF	\$ 30.00	233	\$ 6,990.00
Stone Dust Trail	SF	\$ 3.00	3,083	\$ 9,249.00
Stone Dust Trail Metal Edging	LF	\$ 15.00	1,015	\$ 15,225.00
Outdoor Classroom / Stone Seats	Allow	\$ 16,000.00	1	\$ 16,000.00
Bench	EA	\$ 800.00	5	\$ 4,000.00
Picnic Table	EA	\$ 1,000.00	4	\$ 4,000.00
Water Fountain	EA	\$ 2,250.00	1	\$ 2,250.00
Lawn	SF	\$ 1.00	23,150	\$ 23,150.00
Planting	Allow	\$ 25,000.00	1	\$ 25,000.00
Gaga Pit	EA	\$ 6,000.00	2	\$ 12,000.00
Play Equipment / Play Structures	Allow	\$ 147,974.00	1	\$ 147,974.00
Poured-in-Place Play Surface	EA	\$ 97,562.00	1	\$ 97,562.00
Swingset	EA	\$ 6,505.00	1	\$ 6,505.00
Engineered Wood Fiber	EA	\$ 5,250.00	1	\$ 5,250.00
Installation	EA	\$ 68,132.00	1	\$ 68,132.00
Play Surface Subbase	CY	\$ 25.00	337	\$ 8,425.00
Concrete Curb	LF	\$ 22.00	605	\$ 13,310.00
Amphitheater				
Dry-Laid Stone Seating Wall	LF	\$ 230.00	251	\$ 57,730.00
Stone Slab Steps	EA	\$ 835.00	18	\$ 15,030.00
Dry-Laid Stone Paving	SF	\$ 38.00	242	\$ 9,196.00
Stone Steps (Stage)	LF	\$ 167.00	30	\$ 5,010.00
Drainage and E&S Control	Allow	\$ 35,000.00	1	\$ 35,000.00
Total				\$ 734,203.00
15% Contingency				\$ 110,130.45
Grand Total				\$ 844,333.45