

## June 6, 2019 Facilities and Grounds

### Playgrounds:

- A. Next steps to design development
  - a. Accept master plan - 6/17 Board action
  - b. Approve Metcalfe contract - 6/17 Board action
  - c. Design development (approve design on 6/17?)
    - i. Team: Ed, Vern, principals with Metcalfe
    - ii. Approach with Metcalfe is to combine traditional/nature/existing into three sites while integrating ADA accessibility.
    - iii. Evaluating equipment to be reused
    - iv. Confirm proposed design and new equipment
    - v. Develop construction documents
  - d. Site plan approval (tentative - July)
  - e. Purchase equipment through state contract - Board action (approve - July)
  - f. Selection of contractor for completion of site work, installation of all equipment and accessories - Board action (August)
  - g. First day of school expectations -
    - i. hardscape complete (e.g., basketball/four square)
    - ii. Grass space available for play
    - iii. Remaining work under construction
- B. ADA - Wood Fiber
  - a. Estimated Cost (for Phase A)
    - i. Spring Creek - \$72,105
    - ii. Corl Street - \$77,780
    - iii. Radio Park - \$60,535
  - b. Maintenance
    - i. Chart attached
- C. Estimated Cost Breakout from master plan
- D. Metcalfe Contract details

### Maintenance Costs of Loose Fill vs. Engineered Wood Fiber\*

Item	Loose fill (current)	cost per 1,000 ft2	Engineered wood fiber	cost per 1,000 ft2
Maintenance raking**	0.375 hrs per 1,000 ft2; 3x per week	\$878	1.0 hrs per 1,000 ft; 1x per week	\$780.00
Total raking cost for 6 years		\$5,265		\$4,680.00
Top off cost***				
- materials	\$0.037 per ft2	\$37	\$0.11 per ft2	\$110.00
- labor	0.25 hrs per 1,000 ft2	\$4	0.5 hrs per 1,000 ft2	\$7.50
6 year cost		\$164		\$235.00

*\*for comparative purposes only, cost data is from 2000*

*\*\*assuming \$15 per hour labor cost*

*\*\*\*Loose fill top off frequency is 1.5 years, engineered wood fiber frequency is 3 years*

Playground Master Planning

	Spring Creek			Corl St			Radio Park		
	A	B	Total	A	B	Total	A	B	Total
Design/Permitting	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Mobilization	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Site Prep	14,500	14,500	29,000	14,500	14,500	29,000	14,500	14,500	29,000
Demolition			-	10,250		10,250	2,050		2,050
Equipment Relocation			-			-			-
New Engineered Wood Fiber	72,105		72,105	77,780		77,780	60,535		60,535
Rerouted Driveway			-			-			-
Path (Regraded)			-		46,223	46,223			-
Asphalt Path & Landings			-			-			-
Asphalt Circle			-			-			-
Playground Paths			-			-			-
Asphalt Pad			-			-			-
Planting	31,275		31,275	21,125		21,125	24,350		24,350
Lighting and Irrigation	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Kompan Swings	21,858		21,858	24,450		24,450	24,782		24,782
Kompan Parkour		20,545	20,545	12,441		12,441	12,558		12,558
Kompan Twister			-		10,905	10,905			-
Kompan Supernova	16,527		16,527				10,650		10,650
Kompan Six-Sided Climbing Structure			-			-	17,368		17,368
Vertical Spider Net			-			-			-
Black Locust Posts	16,500		16,500			-	20,625		20,625
Log Stump Seats	3,200		3,200			-			-
Tree Cookie Path		12,200	12,200		9,800	9,800	27,450		27,450
Balance Logs			-		11,500	11,500			-
Log & Boulder Climbing Area	45,150		45,150	34,510		34,510			-
Hillside Rock Slabs			-		5,205	5,205			-
Tunnel Mound			-			-			-
Log Mound	11,725		11,725	23,450		23,450			-
Log Mound w/ Slide		150,900	150,900			-		151,500	151,500
Grass Mound			-	20,529		20,529		3,738	3,738
Split Mound	13,549		13,549			-	9,583		9,583
Grass Mound & Boulder Scramble			-			-			-
Boulder Mound			-			-		89,170	89,170
Boulder Mound/Classroom			-			-			-
Group Embankment Slide			-		85,259	85,259			-
Fractured Climber			-			-			-
Log Steppers			-			-			-
Log Stepper Slope			-		16,800	16,800			-
Stone Pavers			-			-	5,376		5,376
Concrete Pad & Stairs			-			-			-
Stone Slab Benches			-			-			-
Wooden Bridge			-			-			-
Lookout Platform			-			-		85,910	85,910
Raised Beds			-	4,125		4,125	5,000		5,000
Dyneema (InCord) Netting			-			-			-
Wood Playhouse			-			-			-
Basketball Hoops	13,000		13,000	13,000		13,000	13,000		13,000
			-			-			-
			-			-			-
<b>Total</b>	<b>259,389</b>	<b>198,145</b>	<b>457,534</b>	<b>256,160</b>	<b>200,192</b>	<b>456,352</b>	<b>247,827</b>	<b>344,818</b>	<b>592,645</b>
All others	117,880	14,500	132,380	123,655	60,723	184,378	101,435	14,500	115,935
Equipment	141,509	183,645	325,154	132,505	139,469	271,974	146,392	330,318	476,710
<b>Total</b>	<b>259,389</b>	<b>198,145</b>	<b>457,534</b>	<b>256,160</b>	<b>200,192</b>	<b>456,352</b>	<b>247,827</b>	<b>344,818</b>	<b>592,645</b>

Notes for Design Development

1. Prioritize ADA Accessibility for all students
2. Recommend for later phasing and/or partnership with stakeholders
3. Recommend purchase and installation directly by district