



MTW *g r o u p*

LANDSCAPE ARCHITECTURE AND PLANNING

PROBABLE COST OF CONSTRUCTION

Date: 5/11/2020

MTW No: 19-66

DRAFT CAPITAL IMPROVEMENT PRIORITIES FOR GO BOND CONSIDERATION

Orangevale Community Center Master Plan

The following opinion is based upon Schematic Design dated 3/4/20.

INFRASTRUCTURE

1. Parking Lot Expansion + Driveway	36,363 S.F. @ \$	12.00	\$ 436,356
2. Concrete Walking Path w/base material	19,832 S.F. @ \$	15.00	\$ 297,480
3. Electrical	100,000 Allowance		\$ 100,000
4. Water	100,000 Allowance		\$ 100,000
5. Rough Site Grading	257,991 S.F. @ \$	2.00	\$ 515,982
6. SWPPP Measures	50,000 Allowance		\$ 50,000
	Subtotal		\$ 1,499,818

SOCCKER ARENA

1. Clear/Grub	62,623 S.F. @ \$	0.50	\$ 31,312
2. Site Grading	62,623 S.F. @ \$	2.00	\$ 125,246
3. Soccer Field, including perimeter walls	16,911 S.F. @ \$	50.00	\$ 845,550
4. Shade Structure over Soccer Arena	400,000 Allowance		\$ 400,000
5. Concrete Paving with base material	45,712 S.F. @ \$	15.00	\$ 685,680
6. Tree Grates	11 Each @ \$	2,500.00	\$ 27,500
7. Bleachers	1 Each @ \$	12,000.00	\$ 12,000
8. Trash and Recycling Receptacles	4 Each @ \$	3,000.00	\$ 12,000
9. Electrical Service	50,000 Allowance		\$ 50,000
10. Solar Panel	300,000 Allowance		\$ 300,000
11. Lighting	200,000 Allowance		\$ 200,000
12. 12' Tall Pole Lighting - Pathway Lighting	8 Each @ \$	10,000.00	\$ 80,000
13. Scoreboard	1 Each @ \$	16,000.00	\$ 16,000
14. Seatwalls	315 L.F. @ \$	350.00	\$ 110,250
15. Landscaping	1,695 S.F. @ \$	2.50	\$ 4,238
16. Trees	16 Each @ \$	300.00	\$ 4,800
17. Irrigation	1,895 S.F. @ \$	2.50	\$ 4,738
18. Maintenance Period (90 days)	1,895 S.F. @ \$	0.25	\$ 474
	Subtotal		\$ 2,909,786



SKATE PARK/PUMP TRACK

1. Clear/Grub	44,820 S.F.	@ \$	0.50	\$	22,410
2. Site Grading	44,820 S.F.	@ \$	3.50	\$	156,870
3. Imported Soil	3,240 C.Y.	@ \$	20.00	\$	64,800
4. Concrete Paving with base material	7,642 S.F.	@ \$	15.00	\$	114,630
5. 6' Tall Chain Link Fence	128 L.F.	@ \$	40.00	\$	5,120
6. Skate Park Surfacing (use sf of skate park)	11,538 S.F.	@ \$	40.00	\$	461,520
7. Pump Track Surfacing (use sf of pump track)	17,500 S.F.	@ \$	20.00	\$	350,000
8. Tree	15 Each	@ \$	300.00	\$	4,500
9. Shrub/Groundcover	8,140 S.F.	@ \$	2.50	\$	20,350
10. Irrigation	8,140 S.F.	@ \$	2.50	\$	20,350
11. Drinking Fountain	1 Each	@ \$	5,000.00	\$	5,000
12. Pole Lighting for plaza	1 Each	@ \$	10,000.00	\$	10,000
13. Maintenance Period (90 days)	8,140 S.F.	@ \$	0.25	\$	2,035
Subtotal				\$	1,237,585

SOFTBALL RENOVATION

1. Demolition	263,895 S.F.	@ \$	1.50	\$	395,843
2. Site Grading	263,895 S.F.	@ \$	2.50	\$	659,738
3. Backstops/Fencing/Dugouts	3 Each	@ \$	50,000.00	\$	150,000
4. Foul Poles	6 Each	@ \$	2,400.00	\$	14,400
5. Field Lighting (per field)	3 Each	@ \$	350,000.00	\$	1,050,000
6. Emergency Field Lighting	3 Each	@ \$	40,000.00	\$	120,000
7. Bleachers (2 per field)	6 Each	@ \$	12,000.00	\$	72,000
8. Home Plate/Bases/Pitching Rubber (per field)	3 Each	@ \$	1,200.00	\$	3,600
9. Concrete Paving with base material	29,225 S.F.	@ \$	15.00	\$	438,375
10. Restroom Building	1 Each	@ \$	150,000.00	\$	150,000
11. Trash and Recycling Receptacles	6 Each	@ \$	3,000.00	\$	18,000
12. Public Adress System	3 Each	@ \$	30,000.00	\$	90,000
13. Lawn - Sod including soil prep	182,951 S.F.	@ \$	2.50	\$	457,378
14. Infield Mix	21,713 S.F.	@ \$	4.00	\$	86,852
15. Irrigation	182,951 S.F.	@ \$	2.50	\$	457,378
16. Misc Landscape	30,000 S.F.	@ \$	5.00	\$	150,000
17. Trees	10 Each	@ \$	300.00	\$	3,000
18. Maintenance Period (90 days)	234,670 S.F.	@ \$	0.25	\$	58,668
Subtotal				\$	4,375,230



NEW MULTI-PURPOSE BUILDING

1. Demolition	26,886 S.F. @ \$	3.00	\$ 80,658
2. Site Grading	26,886 S.F. @ \$	2.00	\$ 53,772
3. Building: Meetings, Kitchen, Restrooms	7,200 S.F. @ \$	550.00	\$ 3,960,000
4. Concrete Paving with base material	26,886 S.F. @ \$	15.00	\$ 403,290
5. Shade Structure	1 Each @ \$	40,000.00	\$ 40,000
6. Shrubs/Groundcover	6,037 S.F. @ \$	2.50	\$ 15,093
7. Trees	10 Each @ \$	300.00	\$ 3,000
8. Irrigation	6,237 S.F. @ \$	2.50	\$ 15,593
9. Electrical Service	200,000 Allowance		\$ 200,000
10. Water Service	50,000 Allowance		\$ 50,000
11. Sanitary Sewer Service	200,000 Allowance		\$ 200,000
12. Maintenance Period (90 days)	6,237 S.F. @ \$	0.25	\$ 1,559
Subtotal			\$ 5,022,964

POOL EXANPSION

1. Demolition	28,255 S.F. @ \$	3.00	\$ 84,765
2. Site Grading	28,255 S.F. @ \$	2.00	\$ 56,510
3. Pool Reno (Plaster, Filters, Energy Efficiency)	450,000 Allowance		\$ 450,000
4. Concrete Paving with base material	21,497 Each @ \$	15.00	\$ 322,455
5. Splash Park/Water Play Equipment	800,000 Allowance		\$ 800,000
6. Lawn - Sod including soil prep	18,867 S.F. @ \$	2.50	\$ 47,168
7. Irrigation	18,867 S.F. @ \$	2.50	\$ 47,168
8. Trees	10 Each @ \$	300.00	\$ 3,000
9. 6' Tall Retaining Wall	195 L.F. @ \$	400.00	\$ 78,000
10. Shade Structure	1 Each @ \$	40,000.00	\$ 40,000
11. 8' Tall Ornamental Metal Fencing	832 L.F. @ \$	200.00	\$ 166,400
12. Restroom Improvements	200,000 Allowance		\$ 200,000
13. Maintenance Period (90 days)	18,867 S.F. @ \$	0.25	\$ 4,717
			\$ 2,300,182

SHACKLETON WOODS IMPROVEMENTS

1. Demolition	16,751 S.F. @ \$	2.00	\$ 33,502
2. Asphalt Paving with base material	9,750 S.F. @ \$	18.00	\$ 175,500
3. Decomposed Granite	4,895 S.F. @ \$	4.00	\$ 19,580
4. Concrete Paving with base material	2,106 S.F. @ \$	15.00	\$ 31,590
5. Picnic Tables	2 Each @ \$	2,500.00	\$ 5,000
6. Trees	9 Each @ \$	300.00	\$ 2,700
			\$ 267,872



YOUTH CENTER RENOVATION

1. Demolition	78,610 S.F.	@	\$	3.00	\$	235,830
2. Site Grading	78,610 S.F.	@	\$	2.00	\$	157,220
3. Backstops/Fencing/Dugouts	1 Each	@	\$	50,000.00	\$	50,000
4. 6' Tall Chain Link Fence - Outfield	883 L.F.	@	\$	40.00	\$	35,320
5. Foul Poles	2 Each	@	\$	2,400.00	\$	4,800
6. Field Lighting (per field)	1 Each	@	\$	350,000.00	\$	350,000
7. Emergency Field Lighting	3 Each	@	\$	40,000.00	\$	120,000
8. Scoreboard	1 Each	@	\$	16,000.00	\$	16,000
9. Bleachers (2 per field)	2 Each	@	\$	12,000.00	\$	24,000
10. Home Plate/Bases/Pitching Rubber (per field)	1 Each	@	\$	1,200.00	\$	1,200
11. Concrete Paving with base material	9,740 S.F.	@	\$	15.00	\$	146,100
12. Tree Grates	11 Each	@	\$	2,500.00	\$	27,500
13. 12' Tall Pole Lighting - Pathway Lighting	6 Each	@	\$	10,000.00	\$	60,000
14. Play Structures	60,000 Allowance				\$	60,000
15. Playground Surfacing	4,570 S.F.	@	\$	30.00	\$	137,100
16. Shade Structure over Play Structure	60,000 Allowance				\$	60,000
17. Picnic Shade	60,000 Allowance				\$	60,000
18. Parking Lot Asphalt Paving Expansion	13,466 S.F.	@	\$	12.00	\$	161,592
19. Concession Stand w/Restroom	1,200 S.F.	@	\$	325.00	\$	390,000
20. Lawn - Sod including soil prep	38,025 S.F.	@	\$	2.50	\$	95,063
21. Baseball Infield Mix	3,882 S.F.	@	\$	4.00	\$	15,528
22. Trees	8 Each	@	\$	300.00	\$	2,400
23. Irrigation	38,185 S.F.	@	\$	2.50	\$	95,463
24. Maintenance Period (90 days)	38,185 S.F.	@	\$	0.25	\$	9,546
25. Youth Center building renovation	2,400 S.F.	@	\$	100.00	\$	240,000
26. Kidz Korner Building re-roofing	2,400 S.F.	@	\$	10.00	\$	24,000
27. Shop Expansion	150,000 Allowance				\$	150,000
					\$	2,728,661

CHURCH AREA IMPROVEMENTS

1. Demolition	20,361 S.F.	@	\$	3.00	\$	61,083
2. Site Grading	20,361 S.F.	@	\$	2.00	\$	40,722
3. Lawn - Sod including soil prep	13,028 S.F.	@	\$	2.50	\$	32,570
4. Groundcover/Shrubs	7,333 S.F.	@	\$	2.50	\$	18,333
5. Irrigation	20,361 S.F.	@	\$	2.50	\$	50,903
6. Picnic Shade	1 Each	@	\$	60,000.00	\$	60,000
7. Building Improvements	1	@	\$	500,000.00	\$	500,000
8. Maintenance Period (90 days)	20,361 S.F.	@	\$	0.25	\$	5,090
					\$	768,700



MISCELLANEOUS SITE AMENITIES

1. Demolition	107,586 S.F.	@ \$	3.00	\$	322,758
2. Site Grading	107,586 S.F.	@ \$	2.00	\$	215,172
3. Large Picnic Shelter	1 Each	@ \$	150,000.00	\$	150,000
4. Small Picnic Shelter	1 Each	@ \$	50,000.00	\$	50,000
5. Play Structure	2 Each	@ \$	100,000.00	\$	200,000
6. Playground Surfacing	12,868 S.F.	@ \$	30.00	\$	386,040
7. Shade Structure over Play Structure	2 Each	@ \$	80,000.00	\$	160,000
8. Benches	10 Each	@ \$	1,400.00	\$	14,000
9. Trash and Recycling Receptacles	10 Each	@ \$	3,000.00	\$	30,000
10. Concrete Paving with base material	26,242 S.F.	@ \$	15.00	\$	393,630
11. Fitness Equipment	150,000 Allowance			\$	150,000
12. Fitness Area - Rubber Surfacing	4,101 S.F.	@ \$	30.00	\$	123,030
13. Restroom	250,000 Allowance			\$	250,000
14. Bocce Ball Court	3,480 S.F.	@ \$	4.00	\$	13,920
15. Trellis at Bocce Ball Courts	2 Each	@ \$	15,000.00	\$	30,000
16. Trees	50 Each	@ \$	300.00	\$	15,000
17. Lawn - Sod including soil prep	61,996 S.F.	@ \$	2.50	\$	154,990
18. Misc Landscape	40,534 S.F.	@ \$	2.50	\$	101,335
19. Irrigation	61,966 S.F.	@ \$	2.50	\$	154,915
20. Lawn Terracing seatwalls	280 L.F.	@ \$	60.00	\$	16,800
21. Maintenance Period (90 days)	20,361 S.F.	@ \$	0.25	\$	5,090
22. Community Center HVAC	75,000 Allowance			\$	75,000
23. Community Center Roofing	175,000 Allowance			\$	175,000
				\$	2,936,680

OVERALL PROJECT COSTS

1. INFRASTRUCTURE	\$	1,499,818
2. SOCCER ARENA	\$	2,909,786
3. SKATE PARK/PUMP TRACK	\$	1,237,585
4. SOFTBALL RENOVATION	\$	4,375,230
5. NEW MULTI-PURPOSE BUILDING	\$	5,022,964
6. POOL EXANPSION	\$	2,300,182
7. SHACKLETON WOODS IMPROVEMENTS	\$	267,872
8. YOUTH CENTER RENOVATION	\$	2,728,661
9. CHURCH AREA IMPROVEMENTS	\$	768,700
10 MISCELLANEOUS SITE AMENITIES	\$	2,936,680
Construction Subtotal	\$	24,047,479
Contractor Markup - 10%	\$	2,404,748
General Conditions - 5%	\$	1,202,374
Bonding - 1.25%	\$	300,593
Insurance - 0.7%	\$	1,683,323
Construction Total	\$	29,638,517
Owner Contingency - 10%	\$	2,963,852
Soft Cost - 20%	\$	5,927,703
Subtotal	\$	38,530,072



PECAN PARK	Quantity		Unit	Extension
1. Accessible pathway improvements	64,000	Allowance		\$ 64,000
2. Bridge	30,000	Allowance		\$ 30,000
3. Concrete walk from dog park to NE corner (2,650	L.F. @ \$	90.00	\$ 238,500
4. New playground equipment and expansion c	175,000	Allowance		\$ 175,000
5. New picnic shelter including 4-6 picnic tables	120,000	Allowance		\$ 120,000
6. New restroom and demolition of existing res	150,000	Allowance		\$ 150,000
7. Irrigation for BMX Area	20,000	S.F. @ \$	2.00	\$ 40,000
8. Irrigation for remaining lawn areas including	110,000	S.F. @ \$	1.50	\$ 165,000
			Subtotal	\$ 982,500

ALMOND PARK	Quantity			Extension
1. Tennis Court Renovation	17,000	S.F. @ \$	3.00	\$ 51,000
2. New Restroom	200,000	Allowance		\$ 200,000
3. Basketball Court Half Court Striping and new	20,000	Allowance		\$ 20,000
4. New Playground Equip at Northern Playgro	150,000	Allowance		\$ 150,000
5. Top off of bark surfacing at Northern Playgr	8,300	S.F. @ \$	0.50	\$ 4,150
6. New Playground Equip/Surfacing at Picnic	100,000	Allowance		\$ 100,000
7. New Surfacing at Picnic Area Playground	3,400	S.F. @ \$	20.00	\$ 68,000
8. Replace Sand Volleyball Court, Netting, Hos	30,000	Allowance		\$ 30,000
9. Small Shade Structures at picnic areas	2	EA @ \$	40,000.00	\$ 80,000
10. New site furnishings	10,000	Allowance		\$ 10,000
11. Shade Sails over playgrounds	30,000	Allowance		\$ 30,000
12. Rock Border at Street (8' o.c)	80	Each @ \$	275.00	\$ 22,000
13. Exercise Stations with Concrete Pad	50,000	Allowance		\$ 50,000
			Subtotal	\$ 815,150

SUNDANCE AND STRENG CORRIDORS	Quantity			Extension
1. Trail amenities/lighting/water/etc	200,000	Allowance		\$ 200,000
2. Rock Border at Street (8' o.c)	45	Each @ \$	275.00	\$ 12,375
			Subtotal	\$ 212,375

ORANGEVALE COMMUNITY PARK	Quantity			Extension
1. Oak and Filbert Active Recreation Area	2,331,800	Allowance		\$ 2,331,800
2. Filbert Avenue Nature Area	169,200	Allowance		\$ 169,200
3. Oak Avenue Nature Area	228,000	Allowance		\$ 228,000
4. Horse Arena Area	624,500	Allowance		\$ 624,500
5. Elm Avenue Entrance	293,100	Allowance		\$ 293,100
6. Disc Golf Resources	634,700	Allowance		\$ 634,700
			Subtotal	\$ 4,281,300



MTW *group*

LANDSCAPE ARCHITECTURE AND PLANNING

GRAND TOTAL ALL PARKS \$ 44,821,397

TOTAL PRIORITY PROJECTS (DRAFT) \$ 13,867,960

Contractor Markup - 10%	\$ 1,386,796
General Conditions - 5%	\$ 693,398
Bonding - 1.25%	\$ 173,350
Insurance - 0.7%	\$ 970,757
Construction Total	\$ 17,092,261
Owner Contingency - 10%	\$ 1,709,226
Soft Cost - 20%	\$ 3,418,452
Subtotal	\$ 22,219,939