

UNIT LEGENDS:      LS=Lump Sum, SF=Square Feet, SY=Square Yards, EA=Each,  
LF=Lineal Foot, FF=Face Feet, CY=Cubic Yards, AC = Acres

Happy Acres Park General Site Improvements				Engineers Estimate		All Phase Contracting, Inc.		Sunram Construction, Inc.		Veit & Company, Inc.		Park Construction Company		Blackstone Contractors, LLC.		G. Urban Companies, Inc.							
No.	Removals Description	Estimated Qty.	Unit	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)						
1	Provide all necessary construction surveying and staking to meet layout and grading requirements for all work - complete	1	LS	\$14,000.00	\$14,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$13,200.00	\$13,200.00	\$18,900.00	\$18,900.00	\$12,000.00	\$12,000.00						
2	Mobilization	1	LS	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$60,000.25	\$60,000.25	\$83,000.00	\$83,000.00	\$78,000.00	\$78,000.00	\$66,750.00	\$66,750.00	\$54,000.00	\$54,000.00						
3	Remove bituminous pavement including saw cut at edge to remain - complete.	4,519	SY	\$2.50	\$11,297.50	\$10.80	\$48,805.20	\$3.15	\$14,234.85	\$3.00	\$13,557.00	\$2.80	\$12,653.20	\$9.13	\$41,258.47	\$9.00	\$40,671.00						
4	Remove concrete pavement including saw cut at edge to remain - complete.	603	SF	\$2.00	\$1,206.00	\$12.96	\$7,814.88	\$2.50	\$1,507.50	\$1.40	\$844.20	\$2.25	\$1,356.75	\$1.20	\$723.60	\$2.00	\$1,206.00						
5	Remove concrete curb and gutter - complete.	60	LF	\$4.00	\$240.00	\$27.00	\$1,620.00	\$16.00	\$960.00	\$13.00	\$780.00	\$8.20	\$492.00	\$12.08	\$724.80	\$10.00	\$600.00						
6	Remove light pole and concrete foundation - complete.	2	EA	\$550.00	\$1,100.00	\$3,240.00	\$6,480.00	\$2,100.00	\$4,200.00	\$371.00	\$742.00	\$701.00	\$1,402.00	\$362.50	\$725.00	\$750.00	\$1,500.00						
7	Clear and grub tree - complete.	45	EA	\$500.00	\$22,500.00	\$182.22	\$8,199.90	\$168.00	\$7,560.00	\$185.00	\$8,325.00	\$163.00	\$7,335.00	\$483.33	\$21,749.85	\$260.00	\$11,700.00						
8	Cut and clear tree (stump to remain for bank stablization) - complete.	10	EA	\$300.00	\$3,000.00	\$350.00	\$3,500.00	\$265.00	\$2,650.00	\$290.00	\$2,900.00	\$255.00	\$2,550.00	\$290.00	\$2,900.00	\$305.00	\$3,050.00						
9	Cut and clear understory vegetation including pruning hedge along existing trail to allow installation of piping and trail between cul de sac and ped bridge - complete.	0.50	AC	\$2,000.00	\$1,000.00	\$24,000.00	\$12,000.00	\$3,200.00	\$1,600.00	\$3,480.00	\$1,740.00	\$3,060.00	\$1,530.00	\$2,320.00	\$1,160.00	\$6,000.00	\$3,000.00						
10	Salvage and reinstall chain link fence – complete.	83	LF	\$20.00	\$1,660.00	\$70.20	\$5,826.60	\$80.00	\$6,640.00	\$95.00	\$7,885.00	\$71.40	\$5,926.20	\$26.20	\$2,174.60	\$75.00	\$6,225.00						
11	Remove sign and footing – complete.	4	EA	\$100.00	\$400.00	\$324.00	\$1,296.00	\$200.00	\$800.00	\$463.00	\$1,852.00	\$204.00	\$816.00	\$290.00	\$1,160.00	\$250.00	\$1,000.00						
12	Salvage and reinstall sign – complete.	3	EA	\$150.00	\$450.00	\$216.00	\$648.00	\$300.00	\$900.00	\$406.00	\$1,218.00	\$459.00	\$1,377.00	\$241.67	\$725.01	\$550.00	\$1,650.00						
13	Abandon water line in place. Remove water line as needed to install structures. Cut and cap existing water line.	1	LS	\$500.00	\$500.00	\$5,940.00	\$5,940.00	\$1,850.00	\$1,850.00	\$3,230.00	\$3,230.00	\$1,790.00	\$1,790.00	\$1,450.00	\$1,450.00	\$4,750.00	\$4,750.00						
14	Remove outlet - complete.	49	LF	\$12.00	\$588.00	\$162.00	\$7,938.00	\$175.00	\$8,575.00	\$28.00	\$1,372.00	\$28.60	\$1,401.40	\$20.71	\$1,014.79	\$10.00	\$490.00						
15	Remove culvert - complete.	14	LF	\$12.00	\$168.00	\$54.00	\$756.00	\$30.00	\$420.00	\$54.00	\$756.00	\$28.60	\$400.40	\$20.71	\$289.94	\$32.00	\$448.00						
Section 1 - Site Surveying/Mobilization/Removals Total:					\$83,109.50			\$175,824.58			\$126,897.60			\$148,201.20			\$130,229.95			\$161,706.06			\$142,290.00
No.	Section 2- Earthwork Description	Estimated Qty.	Unit	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)						
1	*On-site earthwork as required to achieve plan grades and on-site earthwork balance - complete, including 1) stripping and stockpiling of topsoil; 2) common excavation of subsoil materials to subgrade elevations identified for paving areas and bio-retention areas; 3) maintenance of grades throughout construction including all silt fence, bio rolls, or other approved method; 4) final grading to specified tolerances - complete	1	LS	\$75,000.00	\$75,000.00	\$80,387.50	\$80,387.50	\$67,425.00	\$67,425.00	\$110,000.00	\$110,000.00	\$131,900.00	\$131,900.00	\$130,500.00	\$130,500.00	\$240,000.00	\$240,000.00						
2	Furnish and install silt fence.	2,675	LF	\$2.50	\$6,687.50	\$5.45	\$14,578.75	\$2.00	\$5,350.00	\$2.50	\$6,687.50	\$1.95	\$5,216.25	\$3.71	\$9,924.25	\$4.50	\$12,037.50						
3	Furnish and install bioroll	433	LF	\$3.50	\$1,515.50	\$5.45	\$2,359.85	\$3.75	\$1,623.75	\$3.50	\$1,515.50	\$3.55	\$1,537.15	\$3.16	\$1,368.28	\$6.00	\$2,598.00						
4	Furnish and install inlet protection	4	EA	\$450.00	\$1,800.00	\$136.25	\$545.00	\$150.00	\$600.00	\$285.00	\$1,140.00	\$199.00	\$796.00	\$122.50	\$490.00	\$400.00	\$1,600.00						
5	Furnish and install Category 3N erosion control blanket as shown on the plans and within basins per details on sheet L5.2	2,427	SY	\$2.50	\$6,067.50	\$5.45	\$13,227.15	\$2.10	\$5,096.70	\$1.70	\$4,125.90	\$2.05	\$4,975.35	\$2.52	\$6,116.04	\$3.00	\$7,281.00						
6	Furnish and install 12" compacted select granular borrow including Type V geotextile fabric on all sides - complete.	1,932	CY	\$30.00	\$57,960.00	\$39.70	\$76,700.40	\$38.35	\$74,092.20	\$36.75	\$71,001.00	\$54.60	\$105,487.20	\$53.67	\$103,690.44	\$48.00	\$92,736.00						

7	Install and maintain rock construction entrance throughout construction - remove upon completion of construction operations.	2	EA	\$1,500.00	\$3,000.00	\$3,270.00	\$6,540.00	\$850.00	\$1,700.00	\$2,200.00	\$4,400.00	\$1,170.00	\$2,340.00	\$980.00	\$1,960.00	\$2,250.00	\$4,500.00
Section 2 - Earthwork Total:					\$152,030.50		\$194,338.65		\$155,887.65		\$198,869.90		\$252,251.95		\$254,049.01		\$360,752.50
No.	Section 3- Utilites Description	Estimated Qty.	Unit	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)
1	Furnish and install medium filter aggregate (CV)	13	CY	\$70.00	\$910.00	\$70.85	\$921.05	\$104.00	\$1,352.00	\$203.00	\$2,639.00	\$136.00	\$1,768.00	\$87.31	\$1,135.03	\$75.00	\$975.00
2	Furnish and install 12" GS pipe apron	4	EA	\$500.00	\$2,000.00	\$545.00	\$2,180.00	\$775.00	\$3,100.00	\$1,550.00	\$6,200.00	\$755.00	\$3,020.00	\$1,290.00	\$5,160.00	\$800.00	\$3,200.00
3	Furnish and install 15" RC pipe apron	5	EA	\$1,000.00	\$5,000.00	\$1,635.00	\$8,175.00	\$2,195.00	\$10,975.00	\$3,250.00	\$16,250.00	\$2,130.00	\$10,650.00	\$1,182.00	\$5,910.00	\$3,200.00	\$16,000.00
4	Furnish and install 6" perf PE pipe drain	1,022	LF	\$18.00	\$18,396.00	\$10.90	\$11,139.80	\$37.00	\$37,814.00	\$22.75	\$23,250.50	\$52.70	\$53,859.40	\$11.55	\$11,804.10	\$30.00	\$30,660.00
5	Furnish and install 6" PVC pipe sewer	58	LF	\$35.00	\$2,030.00	\$21.80	\$1,264.40	\$51.00	\$2,958.00	\$58.50	\$3,393.00	\$49.00	\$2,842.00	\$26.29	\$1,524.82	\$55.00	\$3,190.00
6	Furnish and install 6" precast concrete headwall	1	EA	\$550.00	\$550.00	\$1,686.20	\$1,686.20	\$930.00	\$930.00	\$651.00	\$651.00	\$905.00	\$905.00	\$443.50	\$443.50	\$925.00	\$925.00
7	Furnish and install 12" CS pipe sewer	67	LF	\$45.00	\$3,015.00	\$87.20	\$5,842.40	\$71.00	\$4,757.00	\$56.50	\$3,785.50	\$68.30	\$4,576.10	\$70.15	\$4,700.05	\$75.00	\$5,025.00
8	Furnish and install 15" RC pipe sewer design 3006 class V	436	LF	\$64.00	\$27,904.00	\$81.75	\$35,643.00	\$140.00	\$61,040.00	\$77.00	\$33,572.00	\$136.00	\$59,296.00	\$81.94	\$35,725.84	\$145.00	\$63,220.00
9	Furnish and install drainage structure design H - complete.	8.5	LF	\$450.00	\$3,825.00	\$545.00	\$4,632.50	\$945.00	\$8,032.50	\$727.00	\$6,179.50	\$918.00	\$7,803.00	\$432.94	\$3,679.99	\$1,000.00	\$8,500.00
10	Furnish and install drainage structure design special 1 (2x3 catch basin)	11.8	LF	\$450.00	\$5,310.00	\$599.50	\$7,074.10	\$810.00	\$9,558.00	\$904.00	\$10,667.20	\$785.00	\$9,263.00	\$622.88	\$7,349.98	\$850.00	\$10,030.00
11	Furnish and install drainage structure design 60-4020 - complete.	5.0	LF	\$530.00	\$2,650.00	\$1,643.10	\$8,215.50	\$2,145.00	\$10,725.00	\$2,000.00	\$10,000.00	\$2,080.00	\$10,400.00	\$2,638.00	\$13,190.00	\$2,300.00	\$11,500.00
12	Furnish and install drainage structure design 48-4020 - complete.	31.1	LF	\$500.00	\$15,550.00	\$1,132.50	\$35,220.75	\$1,545.00	\$48,049.50	\$1,860.00	\$57,846.00	\$1,500.00	\$46,650.00	\$1,380.23	\$42,925.15	\$1,600.00	\$49,760.00
13	Furnish and install random riprap class III	15	CY	\$100.00	\$1,500.00	\$141.70	\$2,125.50	\$205.00	\$3,075.00	\$298.00	\$4,470.00	\$199.00	\$2,985.00	\$136.33	\$2,044.95	\$220.00	\$3,300.00
14	Furnish and install granular filter	50	CY	\$55.00	\$2,750.00	\$49.05	\$2,452.50	\$105.00	\$5,250.00	\$111.00	\$5,550.00	\$111.00	\$5,550.00	\$99.50	\$4,975.00	\$55.00	\$2,750.00
15	Furnish and install guide post type B	9	EA	\$65.00	\$585.00	\$163.50	\$1,471.50	\$150.00	\$1,350.00	\$116.00	\$1,044.00	\$459.00	\$4,131.00	\$207.78	\$1,870.02	\$120.00	\$1,080.00
16	Furnish and install filter topsoil borrow	641	CY	\$60.00	\$38,460.00	\$34.88	\$22,358.08	\$47.00	\$30,127.00	\$49.00	\$31,409.00	\$49.60	\$31,793.60	\$33.07	\$21,197.87	\$43.00	\$27,563.00
17	Furnish and install root rap	149	CY	\$150.00	\$22,350.00	\$49.05	\$7,308.45	\$99.00	\$14,751.00	\$235.00	\$35,015.00	\$114.00	\$16,986.00	\$127.85	\$19,049.65	\$150.00	\$22,350.00
18	Furnish and Install drain tile clean-out - complee	5	EA	\$600.00	\$3,000.00	\$708.50	\$3,542.50	\$650.00	\$3,250.00	\$783.00	\$3,915.00	\$522.00	\$2,610.00	\$118.00	\$590.00	\$650.00	\$3,250.00
19	Furnish and install under drain valve - complete	1	EA	\$2,500.00	\$2,500.00	\$5,715.50	\$5,715.50	\$2,255.00	\$2,255.00	\$4,200.00	\$4,200.00	\$2,550.00	\$2,550.00	\$1,580.00	\$1,580.00	\$3,000.00	\$3,000.00
Section 3 - Utilities Total:					\$158,285.00		\$166,968.73		\$259,349.00		\$260,036.70		\$277,638.10		\$184,855.96		\$266,278.00
No.	Section 4- Pavement & Curbs Description	Estimated Qty.	Unit	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)
1	Furnish and install bituminous pavement for park drive and parking area - complete.	7,162	SY	\$35.00	\$250,670.00	\$25.24	\$180,768.88	\$26.25	\$188,002.50	\$27.75	\$198,745.50	\$23.70	\$169,739.40	\$29.98	\$214,716.76	\$30.00	\$214,860.00
2	Furnish and install bituminous pavement for trails - complete.	1,221	SY	\$29.00	\$35,409.00	\$25.94	\$31,672.74	\$24.50	\$29,914.50	\$26.00	\$31,746.00	\$26.60	\$32,478.60	\$24.90	\$30,402.90	\$26.00	\$31,746.00
3	Furnish and install B612 concrete curb - complete.	1,519	LF	\$24.00	\$36,456.00	\$19.62	\$29,802.78	\$22.75	\$34,557.25	\$20.25	\$30,759.75	\$18.20	\$27,645.80	\$23.01	\$34,952.19	\$22.00	\$33,418.00
4	Furnish and install B618 concrete curb - complete.	59	LF	\$30.00	\$1,770.00	\$35.00	\$2,065.00	\$44.00	\$2,596.00	\$47.50	\$2,802.50	\$41.50	\$2,448.50	\$36.78	\$2,170.02	\$46.00	\$2,714.00
5	Furnish and install 6" thick concrete - complete.	774	SF	\$12.00	\$9,288.00	\$12.00	\$9,288.00	\$13.75	\$10,642.50	\$14.00	\$10,836.00	\$11.80	\$9,133.20	\$14.83	\$11,478.42	\$14.50	\$11,223.00
6	Furnish and install signage and parking lot striping as shown on the plans and details - complete.	1	LS	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$2,800.00	\$2,800.00	\$9,820.00	\$9,820.00	\$2,010.00	\$2,010.00	\$2,100.00	\$2,100.00	\$8,000.00	\$8,000.00
7	Furnish and install truncated domes as shown on the plans and details - complete.	52	SF	\$55.00	\$2,860.00	\$54.50	\$2,834.00	\$58.00	\$3,016.00	\$66.50	\$3,458.00	\$56.70	\$2,948.40	\$80.77	\$4,200.04	\$65.00	\$3,380.00
Section 4 - Pavement & Curbs Total:					\$340,453.00		\$261,431.40		\$271,528.75		\$288,167.75		\$246,403.90		\$300,020.33		\$305,341.00

No.	Section 5 - Landscape/Turf Establishment	Estimated Qty.	Unit	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)	Unit Cost (in Dollars)	Total Cost (In Dollars)
1	Furnish and install Low Maintenance Turf seed mix as shown on the plans and specifications - complete.	1.6	AC	\$6,500.00	\$10,400.00	\$7,020.00	\$11,232.00	\$4,500.00	\$7,200.00	\$1,910.00	\$3,056.00	\$4,340.00	\$6,944.00	\$7,281.25	\$11,650.00	\$10,000.00	\$16,000.00
2	Furnish and install Storm Water South and West seed mix as shown on the plans and specifications - complete.	0.4	AC	\$9,500.00	\$3,800.00	\$7,560.00	\$3,024.00	\$4,725.00	\$1,890.00	\$1,330.00	\$532.00	\$4,590.00	\$1,836.00	\$8,250.00	\$3,300.00	\$12,000.00	\$4,800.00
3	Furnish and install Riparian South and West seed mix as shown on the plans and specifications - complete.	0.2	AC	\$9,500.00	\$1,900.00	\$7,560.00	\$1,512.00	\$5,250.00	\$1,050.00	\$1,330.00	\$266.00	\$5,100.00	\$1,020.00	\$5,125.00	\$1,025.00	\$12,000.00	\$2,400.00
Section 5 - Landscape/Turf Establishment Total:					\$16,100.00		\$15,768.00		\$10,140.00		\$3,854.00		\$9,800.00		\$15,975.00		\$23,200.00
Total Bid:					\$749,978.00		\$814,331.36		\$823,803.00		\$899,129.55		\$916,323.90		\$916,606.36		\$1,097,861.50