Appendix F

Budget Summary & Worksheets

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Budget Summary

Budget Worksheets

Park Quadrant Budgets

ReLeaf Cedar Rapids

Budget Summary

Community Plantings, Outreach & Education			Notes
Trees & Planting Support			
Adoptions	$	1,920,000.00	Assumes 5 years x 3,000 trees and 5 years x 1,500 trees; starting tree cost = $75; annual inflation of 3.5%
Seedlings	$	461,534.00	Assumes 6 seedlings for every one tree adopted; starting cost of $3 per seedling; annual inflation of 3.5%
Grants	$	1,000,000.00	Assumes grants totaling $100,000 per year for 10 years
Procurement, Logistics, Management	$	907,187.00	
Subtotal	***$***	***4,288,721.00***	
Education & Volunteer Coordination	$	703,870.00	
Program Capacity & Administration			
Fundraising & Donor Stewardship	$	1,230,979.00	
Reporting & Mapping	$	657,706.00	
Subtotal	***$***	***1,888,685.00***	
Contingency	***$***	***50,000.00***	
Total Planned Cost (CP, Outreach & Edu.)	**$**	**6,931,276.00**	

Public Trees			Notes
Program Management	***$***	***1,000,000.00***	Assumes 10-year cost for City ReLeaf Program Manager salary, benefits, and administrative costs
Street Trees			
Tree Cost	$	11,267,161.99	34,227 total street trees planned; 3.5% annual inflation; see Street Tree Costs sheet
Watering Cost	$	13,226,624.89	Total watering cost for all street trees planted; 3.5% annual inflation
Subtotal	***$***	***24,493,786.88***	
Park Trees			
Tree Cost	$	1,737,150.77	8,275 total park trees planned; 3.5% annual inflation; see Park Tree Costs sheet
Watering Cost	$	3,197,842.91	Total watering cost for all park trees planned; 3.5% annual inflation
Seedlings	$	177,835.45	49,650 seedlings planned; assumes no watering; 3.5% annual inflation
Subtotal	***$***	***5,112,829.13***	
Total Public Tree Cost (Street + Park)	***$***	***30,606,616.01***	

Total Planned ReLeaf Program Cost	**$**	**37,537,892.01**

ReLeaf Cedar Rapids

Worksheet: Street Tree Cost

	Total Trees Pre-Derecho	Active/Living Trees (Current)	Removed Due to Derecho	*Percentage Lost*	Pre-Derecho Vacant Sites	Retired/ Ready to Plant	Stumps	Total Available Planting Sites	*Percentage Increase*	Total Future Street Trees (Active + Available)	PTD Trees Planted To Date (post-derecho)	Total Trees Planned (Available less PTD)
All Streets	38,172	28903	9269	*24.28%*	17469	7672	9086	34227	*89.67%*	**63130**	**0**	**34227**

Planting Phases (yr)

	1-2		3-7					8-10		
	3422		**19255**					**11553**		
	1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*
	1711	1711	3851	3851	3851	3851	3851	3851	3851	3851
	10%		56.25%					33.75%		
Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Planned Unit Cost	$ 600.00	$ 621.00	$ 642.74	$ 665.24	$ 688.52	$ 712.62	$ 737.56	$ 763.37	$ 790.09	$ 817.74
	2022	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**
Annual Cost	$ 1,026,600.00	$ 1,062,531.00	$ 2,475,191.74	$ 2,561,839.24	$ 2,651,490.52	$ 2,744,299.62	$ 2,840,343.56	$ 2,939,737.87	$ 3,042,636.59	$ 3,149,116.74
Phase Cost	$ 2,089,131.00		$ 13,273,164.68					$ 9,131,491.20		
	Phase 1		Phase 2					Phase 3		
Total Street Tree Cost										**$24,493,786.88**

Unit & Watering Cost Breakout

	1711	1711	3851	3851	3851	3851	3851	3851	3851	3851
	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Unit Cost (w/o H2O)	$ 276.00	$ 285.66	$ 295.66	$ 306.01	$ 316.72	$ 327.81	$ 339.28	$ 351.15	$ 363.44	$ 376.16
Annual Cost	$ 472,236.00	$ 488,764.26	$ 1,138,586.66	$ 1,178,444.51	$ 1,219,688.72	$ 1,262,396.31	$ 1,306,567.28	$ 1,352,278.65	$ 1,399,607.44	$ 1,448,592.16
Phase Cost	$ 961,000.26		$ 6,105,683.48					$ 4,200,478.25		
	Phase 1		Phase 2					Phase 3		
								Total Unit Cost		**$11,267,161.99**

	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
2-year H2O Only	$ 324.00	$ 335.34	$ 347.08	$ 359.23	$ 371.80	$ 384.81	$ 398.28	$ 412.22	$ 426.65	$ 441.58
Annual Cost	$ 554,364.00	$ 573,766.74	$ 1,336,605.08	$ 1,383,394.73	$ 1,431,801.80	$ 1,481,903.31	$ 1,533,776.28	$ 1,587,459.22	$ 1,643,029.15	$ 1,700,524.58
Phase Cost	$ 1,128,130.74		$ 7,167,481.20					$ 4,931,012.95		
	Phase 1		Phase 2					Phase 3		
	Watering costs account for 54% of total *planned* Street Tree cost							***Total Watering Cost***		**$13,226,624.89**

ReLeaf Cedar Rapids

Worksheet: Park Tree Costs (All Parks)

	Total Trees	Trees Removed to Derecho	Remaining Trees	*Percentage Lost*	1:1 Replacement Total	25% Increase Over Pre-Derecho	Total Trees Planned	New Trees Planted To Date	ADJUSTED Trees Planned
Inventoried Parks (38)	***8445***	*3458*	*4987*	*40.95%*	***3458***	*2116*	***5574***	***402***	***5172***
Other Parks Totals	***6061***	*2482*	*3579*	*40.95%*	*2482*	*621*	*3103*	*0*	***3103***
Overall Totals	**14506**	5940	8566	*40.95%*	5940	3627	**9567**	**402**	**8275**

Planting Phases (yr)

This data was collected and analyzed by the Planning Team

These totals are assumed based on City provided data and percentage lost in 38 parks (as calculated by inventory)

	1-2		3-7					8-10		
	828		**4655**					**2793**		
	1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*
	414	414	931	931	931	931	931	931	931	931
	10%		56.25%					33.75%		
Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Planned Unit Cost	$ 500.00	$ 517.50	$ 535.61	$ 554.36	$ 573.76	$ 593.84	$ 614.62	$ 636.13	$ 658.39	$ 681.43
	2022	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**
Annual Cost	$ 207,000.00	$ 214,245.00	$ 498,652.91	$ 516,109.16	$ 534,170.56	$ 552,865.04	$ 572,211.22	$ 592,237.03	$ 612,961.09	$ 634,411.33
Phase Cost	$ 421,245.00		$ 2,674,008.89					$ 1,839,609.45		
	Phase 1		Phase 2					Phase 3		
Total Parks Cost										**$4,934,863.34**

Unit & Watering Cost Breakout (All Parks)

Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Unit Cost (w/o H2O)	$ 176.00	$ 182.16	$ 188.54	$ 195.14	$ 201.97	$ 209.04	$ 216.36	$ 223.93	$ 231.77	$ 239.88
Annual Cost	$ 72,864.00	$ 75,414.24	$ 175,530.74	$ 181,675.34	$ 188,034.07	$ 194,616.24	$ 201,431.16	$ 208,478.83	$ 215,777.87	$ 223,328.28
Phase Cost	$ 148,278.24		$ 941,287.55					$ 647,584.98		
	Phase 1		Phase 2					Phase 3		
								Total Unit Cost		**$1,737,150.77**

Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
2-year H2O Only	$ 324.00	$ 335.34	$ 347.08	$ 359.23	$ 371.80	$ 384.81	$ 398.28	$ 412.22	$ 426.65	$ 441.58
Annual Cost	$ 134,136.00	$ 138,830.76	$ 323,131.48	$ 334,443.13	$ 346,145.80	$ 358,258.11	$ 370,798.68	$ 383,776.82	$ 397,211.15	$ 411,110.98
Phase Cost	$ 272,966.76		$ 1,732,777.20					$ 1,192,098.95		
	Phase 1		Phase 2					Phase 3		
	Watering costs account for 65% of total *planned* Park Tree cost							***Total Watering Cost***		**$3,197,842.91**

ReLeaf CEDAR RAPIDS

ReLeaf Cedar Rapids

Worksheet: Public Seedling Cost

PLANNED Total Park Trees	#Seedlings per Park Tree	Total SEEDLINGS Planned
8275	6	49650

	Planting Phases (yr)									
	1-2		3-7					8-10		
	4966		27930					16758		
	1	2	3	4	5	6	7	8	9	10
	2483	2483	5586	5586	5586	5586	5586	5586	5586	5586
	10%		56.25%					33.75%		
Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Planned Unit Cost	$ 3.00	$ 3.11	$ 3.22	$ 3.33	$ 3.45	$ 3.57	$ 3.69	$ 3.82	$ 3.95	$ 4.09
	2022	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**
Annual Cost	$ 7,449.00	$ 7,722.13	$ 17,986.92	$ 18,601.38	$ 19,271.70	$ 19,942.02	$ 20,612.34	$ 21,338.52	$ 22,064.70	$ 22,846.74
Phase Cost	$15,171.13		$96,414.36					$66,249.96		
	Phase 1		Phase 2					Phase 3		
Total Public Seedlings Cost	**$177,835.45**									

Notes:

Final seedling quantity may vary depending on availability. Not all seedlings planted are expected to survive.

Seedling cost does not include watering

Planned unit cost includes seedling & grow tube

ReLeaf Cedar Rapids

Worksheet: Community Planting, Outreach & Education

Provided by **Trees Forever**

Year	YR1	YR2	YR3	YR4	YR5	YR6	YR7	YR8	YR9	YR10	Project Totals
Trees & Planting	**$ 469,719**	**$ 479,484**	**$ 489,591**	**$ 500,052**	**$ 510,878**	**$ 356,401**	**$ 362,200**	**$ 368,202**	**$ 374,414**	**$ 380,843**	**$ 4,291,784**
Adoptions [1]	$ 225,000	$ 232,875	$ 241,026	$ 249,462	$ 258,193	$ 133,615	$ 138,292	$ 143,132	$ 148,142	$ 153,327	$ 1,923,064
Seedlings [2]	$ 54,000	$ 55,890	$ 57,846	$ 59,871	$ 61,966	$ 32,067	$ 33,189	$ 34,351	$ 35,553	$ 36,797	$ 461,530
Grants [3]	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 1,000,000
Procurement, Logistics, Management	$ 90,719	$ 90,719	$ 90,719	$ 90,719	$ 90,719	$ 90,719	$ 90,719	$ 90,719	$ 90,719	$ 90,719	$ 907,190
Education & Volunteer Management	**$ 105,581**	**$ 105,581**	**$ 105,581**	**$ 105,581**	**$ 105,581**	**$ 35,194**	**$ 35,194**	**$ 35,194**	**$ 35,194**	**$ 35,194**	**$ 703,875**
Program Delivery & Coordination	**$ 238,108**	**$ 238,108**	**$ 238,108**	**$ 238,108**	**$ 238,108**	**$ 139,630**	**$ 139,630**	**$ 139,630**	**$ 139,630**	**$ 139,630**	**$ 1,888,690**
Fundraising & Donor Stewardship	$ 172,337	$ 172,337	$ 172,337	$ 172,337	$ 172,337	$ 73,859	$ 73,859	$ 73,859	$ 73,859	$ 73,859	$ 1,230,980
Reporting & Mapping	$ 65,771	$ 65,771	$ 65,771	$ 65,771	$ 65,771	$ 65,771	$ 65,771	$ 65,771	$ 65,771	$ 65,771	$ 657,710
Contingency	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 50,000**
Annual Total	**$ 818,408**	**$ 828,173**	**$ 838,280**	**$ 848,741**	**$ 859,567**	**$ 536,225**	**$ 542,024**	**$ 548,026**	**$ 554,238**	**$ 560,667**	**$ 6,934,349**

[1] Assumes 5 years x 3,000 trees and 5 years x 1,500 trees; starting tree cost of $75; annual inflation of 3.5 percent

[2] Assumes 6 seedlings for every one tree adopted; starting cost of $3 per seedling; annual inflation of 3.5 percent

[3] Assumes grants to nonprofit partners from Trees Forever of $100,000 per year

ReLeaf Cedar Rapids

Worksheet: Park Tree Costs (parks w/planting plans)

	#	Park	Total Trees (Pre-Derecho)	Trees Removed to Derecho	Remaining Trees	*Percentage Lost*	1:1 Replacement Total	25% Increase Over Pre-Derecho	Total Trees Planned	New Trees Planted To Date (Post-Derecho)	ADJUSTED Trees Planned
Northeast Quadrant	1	Bowman Woods	199	64	135	*32.16%*	64	50	114	0	**114**
	2	Daniels Park	382	226	156	*59.16%*	226	96	322	0	**322**
	3	Kenwood Park	14	8	6	*57.14%*	8	4	12	0	**12**
	4	Noelridge Park	794	293	501	*36.90%*	293	199	492	111	**381**
	5	Pierce Park	57	41	16	*71.93%*	41	14	55	0	**55**
	6	Seminole Valley Park	293	145	148	*49.49%*	145	73	218	23	**195**
	7	Shaver Park	26	13	13	*50.00%*	13	7	20	0	**20**
	8	Twin Pines Golf Course	697	191	506	*27.40%*	191	174	365	53	**312**
	9	Ushers Ferry Historical Village	100	38	62	*38.00%*	38	25	63	0	**63**
		Total NE Quadrant	**2562**	1019	1543	*39.77%*	1019	642	1661	187	**1474**

Planting Phases (yr)

Park	1-2	3-7	8-10	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*
1 Bowman Woods	**12**	**65**	**39**	6	6	13	13	13	13	13	13	13	13
2 Daniels Park	**32**	**180**	**108**	16	16	36	36	36	36	36	36	36	36
3 Kenwood Park	**2**	**5**	**3**	1	1	1	1	1	1	1	1	1	1
4 Noelridge Park	**38**	**215**	**129**	19	19	43	43	43	43	43	43	43	43
5 Pierce Park	**6**	**30**	**18**	3	3	6	6	6	6	6	6	6	6
6 Seminole Valley Park	**20**	**110**	**66**	10	10	22	22	22	22	22	22	22	22
7 Shaver Park	**2**	**10**	**6**	1	1	2	2	2	2	2	2	2	2
8 Twin Pines Golf Course	**32**	**175**	**105**	16	16	35	35	35	35	35	35	35	35
9 Ushers Ferry Historical Village	**6**	**35**	**21**	3	3	7	7	7	7	7	7	7	7
Total NE Quadrant	10%	56.25%	33.75%										
	150	**825**	**495**	**75**	**75**	**165**	**165**	**165**	**165**	**165**	**165**	**165**	**165**

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Planned Unit Cost (w/ 2-yr H2O)	$ 500.00	$ 517.50	$ 535.61	$ 554.36	$ 573.76	$ 593.84	$ 614.62	$ 636.13	$ 658.39	$ 681.43
Annual Cost	$ 37,500.00	$ 38,812.50	$ 88,375.65	$ 91,469.40	$ 94,670.40	$ 97,983.60	$ 101,412.30	$ 104,961.45	$ 108,634.35	$ 112,435.95
Phase Cost		$ 76,312.50					$ 473,911.35			$ 326,031.75
	Phase 1		Phase 2					Phase 3		
Total Quadrant Cost										**$876,255.60**

Unit & Watering Cost Breakout

	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Unit Cost (w/o H2O)	$ 176.00	$ 182.16	$ 188.54	$ 195.14	$ 201.97	$ 209.04	$ 216.36	$ 223.93	$ 231.77	$ 239.88
Annual Cost	$ 13,200.00	$ 13,662.00	$ 31,109.10	$ 32,198.10	$ 33,325.05	$ 34,491.60	$ 35,699.40	$ 36,948.45	$ 38,242.05	$ 39,580.20
Phase Cost		$ 26,862.00					$ 166,823.25			$ 114,770.70
	Phase 1		Phase 2					Phase 3		
							Total Unit Cost (NE Quad)			**$ 308,455.95**

	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
2-year H2O Only	$ 324.00	$ 335.34	$ 347.08	$ 359.23	$ 371.80	$ 384.81	$ 398.28	$ 412.22	$ 426.65	$ 441.58
Annual Cost	$ 24,300.00	$ 25,150.50	$ 57,268.20	$ 59,272.95	$ 61,347.00	$ 63,493.65	$ 65,716.20	$ 68,016.30	$ 70,397.25	$ 72,860.70
Phase Cost		$ 49,450.50					$ 307,098.00			$ 211,274.25
	Phase 1		Phase 2					Phase 3		
							Total Watering Cost (NE Quad)			**$ 567,822.75**

Watering costs account for 65% of total *planned* Park Tree cost

ReLeaf Cedar Rapids

Worksheet: **NE** Quadrant Annual Cost - By Parks w/Plans

Park		1	2	3	4	5	6	7	8	9	10
Bowman Woods	Cost Per Year	$ 3,000.00	$ 3,105.00	$ 6,962.93	$ 7,206.68	$ 7,458.88	$ 7,719.92	$ 7,990.06	$ 8,269.69	$ 8,559.07	$ 8,858.59
	Cost Per Phase		$ 6,105.00					$ 37,338.47			$ 25,687.35
										Park Total Cost	**$ 69,130.82**
Daniels Park	Cost Per Year	$ 8,000.00	$ 8,280.00	$ 19,281.96	$ 19,956.96	$ 20,655.36	$ 21,378.24	$ 22,126.32	$ 22,900.68	$ 23,702.04	$ 24,531.48
	Cost Per Phase		$ 16,280.00					$ 103,398.84			$ 71,134.20
										Park Total Cost	**$ 190,813.04**
Kenwood Park	Cost Per Year	$ 500.00	$ 517.50	$ 535.61	$ 554.36	$ 573.76	$ 593.84	$ 614.62	$ 636.13	$ 658.39	$ 681.43
	Cost Per Phase		$ 1,017.50					$ 2,872.19			$ 1,975.95
										Park Total Cost	**$ 5,865.64**
Noelridge Park	Cost Per Year	$ 9,500.00	$ 9,832.50	$ 23,031.23	$ 23,837.48	$ 24,671.68	$ 25,535.12	$ 26,428.66	$ 27,353.59	$ 28,310.77	$ 29,301.49
	Cost Per Phase		$ 19,332.50					$ 123,504.17			$ 84,965.85
										Park Total Cost	**$ 227,802.52**
Pierce Park	Cost Per Year	$ 1,500.00	$ 1,552.50	$ 3,213.66	$ 3,326.16	$ 3,442.56	$ 3,563.04	$ 3,687.72	$ 3,816.78	$ 3,950.34	$ 4,088.58
	Cost Per Phase		$ 3,052.50					$ 17,233.14			$ 11,855.70
										Park Total Cost	**$ 32,141.34**
Seminole Valley Park	Cost Per Year	$ 5,000.00	$ 5,175.00	$ 11,783.42	$ 12,195.92	$ 12,622.72	$ 13,064.48	$ 13,521.64	$ 13,994.86	$ 14,484.58	$ 14,991.46
	Cost Per Phase		$ 10,175.00					$ 63,188.18			$ 43,470.90
										Park Total Cost	**$ 116,834.08**
Shaver Park	Cost Per Year	$ 500.00	$ 517.50	$ 1,071.22	$ 1,108.72	$ 1,147.52	$ 1,187.68	$ 1,229.24	$ 1,272.26	$ 1,316.78	$ 1,362.86
	Cost Per Phase		$ 1,017.50					$ 5,744.38			$ 3,951.90
										Park Total Cost	**$ 10,713.78**
Twin Pines Golf Course	Cost Per Year	$ 8,000.00	$ 8,280.00	$ 18,746.35	$ 19,402.60	$ 20,081.60	$ 20,784.40	$ 21,511.70	$ 22,264.55	$ 23,043.65	$ 23,850.05
	Cost Per Phase		$ 16,280.00					$ 100,526.65			$ 69,158.25
										Park Total Cost	**$ 185,964.90**
Ushers Ferry Historical Village	Cost Per Year	$ 1,500.00	$ 1,552.50	$ 3,749.27	$ 3,880.52	$ 4,016.32	$ 4,156.88	$ 4,302.34	$ 4,452.91	$ 4,608.73	$ 4,770.01
	Cost Per Phase		$ 3,052.50					$ 20,105.33			$ 13,831.65
										Park Total Cost	**$ 36,989.48**

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Annualized Inflation	*0.00*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*
Planned Unit Cost	*$ 500.00*	*$ 517.50*	*$ 535.61*	*$ 554.36*	*$ 573.76*	*$ 593.84*	*$ 614.62*	*$ 636.13*	*$ 658.39*	*$ 681.43*

Total NE Quadrant Cost **$876,255.60**

ReLeaf CEDAR RAPIDS

ReLeaf Cedar Rapids

Worksheet: Park Tree Costs (parks w/planting plans)

Northwest Quadrant

#	Park	Total Trees	Trees Removed to Derecho	Remaining Trees	*Percentage Lost*	1:1 Replacement Total	25% Increase Over Pre-Derecho	Total Trees Planned	New Trees Planted To Date	ADJUSTED Trees Planned
10	Cedar Hills Park	80	42	38	*52.50%*	42	20	62	0	**62**
11	Cherokee Park	221	109	112	*49.32%*	109	55	164	0	**164**
12	Cherry Hill Park	512	242	270	*47.27%*	242	128	370	33	**337**
13	Delaney Park	149	46	103	*30.87%*	46	37	83	0	**83**
14	Ellis Golf Course	584	193	391	*0.3*	193	146	339	28	**311**
15	Ellis Harbor	72	12	60	*16.67%*	12	18	30	0	**30**
16	Ellis Park	802	346	456	*43.14%*	346	201	547	0	**547**
17	Jacolyn Park	49	30	19	*61.22%*	30	12	42	0	**42**
18	Manhattan Park	147	45	102	*30.61%*	45	37	82	0	**82**
19	Robbins Lake	164	65	99	*39.63%*	65	41	106	0	**106**
20	Shawnee Park	156	47	109	*30.13%*	47	39	86	0	**86**
	Total NW Quadrant	**2936**	1177	1759	*40.09%*	1177	734	1911	61	1850

Planting Phases (yr)

Park	1-2	3-7	8-10	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*
Cedar Hills Park	**6**	**35**	**21**	3	3	7	7	7	7	7	7	7	7
Cherokee Park	**16**	**90**	**54**	8	8	18	18	18	18	18	18	18	18
Cherry Hill Park	**34**	**190**	**114**	17	17	38	38	38	38	38	38	38	38
Delaney Park	**8**	**45**	**27**	4	4	9	9	9	9	9	9	9	9
Ellis Golf Course	**32**	**175**	**105**	16	16	35	35	35	35	35	35	35	35
Ellis Harbor	**4**	**15**	**9**	2	2	3	3	3	3	3	3	3	3
Ellis Park	**54**	**310**	**186**	27	27	62	62	62	62	62	62	62	62
Jacolyn Park	**4**	**25**	**15**	2	2	5	5	5	5	5	5	5	5
Manhattan Park	**8**	**45**	**27**	4	4	9	9	9	9	9	9	9	9
Robbins Lake	**10**	**60**	**36**	5	5	12	12	12	12	12	12	12	12
Shawnee Park	**8**	**50**	**30**	4	4	10	10	10	10	10	10	10	10
	10%	56.25%	33.75%										
	184	1040	624	**92**	**92**	**208**	**208**	**208**	**208**	**208**	**208**	**208**	**208**

	1	2	3	4	5	6	7	8	9	10
Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Planned Unit Cost (w/ 2-yr H2O)	$ 500.00	$ 517.50	$ 535.61	$ 554.36	$ 573.76	$ 593.84	$ 614.62	$ 636.13	$ 658.39	$ 681.43
	2022	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**
Annual Cost	$ 46,000.00	$ 47,610.00	$ 111,406.88	$ 115,306.88	$ 119,342.08	$ 123,518.72	$ 127,840.96	$ 132,315.04	$ 136,945.12	$ 141,737.44
Phase Cost		$ 93,610.00					$ 597,415.52			$ 410,997.60
		Phase 1			Phase 2				Phase 3	
Total Quadrant Cost										**$ 1,102,023.12**

Unit & Watering Cost Breakout

	1	2	3	4	5	6	7	8	9	10
Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Unit Cost (w/o H2O)	$ 176.00	$ 182.16	$ 188.54	$ 195.14	$ 201.97	$ 209.04	$ 216.36	$ 223.93	$ 231.77	$ 239.88
Annual Cost	$ 16,192.00	$ 16,758.72	$ 39,216.32	$ 40,589.12	$ 42,009.76	$ 43,480.32	$ 45,002.88	$ 46,577.44	$ 48,208.16	$ 49,895.04
Phase Cost		$ 32,950.72					$ 210,298.40			$ 144,680.64
		Phase 1			Phase 2				Phase 3	
							Total Unit Cost (NW Quad)			**$ 387,929.76**

	1	2	3	4	5	6	7	8	9	10
Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
2-year H2O Only	$ 324.00	$ 335.34	$ 347.08	$ 359.23	$ 371.80	$ 384.81	$ 398.28	$ 412.22	$ 426.65	$ 441.58
Annual Cost	$ 29,808.00	$ 30,851.28	$ 72,192.64	$ 74,719.84	$ 77,334.40	$ 80,040.48	$ 82,842.24	$ 85,741.76	$ 88,743.20	$ 91,848.64
Phase Cost		$ 60,659.28					$ 387,129.60			$ 266,333.60
		Phase 1			Phase 2				Phase 3	
							Total Watering Cost (NW Quad)			**$ 714,122.48**

Watering costs account for 65% of total *planned* Park Tree cost

ReLeaf CEDAR RAPIDS

ReLeaf Cedar Rapids

Worksheet: **NW** Quadrant Annual Cost - By Parks w/Plans

Park	Plan Year	1	2	3	4	5	6	7	8	9	10
Cedar Hills Park	Cost Per Year	$ 1,500.00	$ 1,552.50	$ 3,749.27	$ 3,880.52	$ 4,016.32	$ 4,156.88	$ 4,302.34	$ 4,452.91	$ 4,608.73	$ 4,770.01
	Cost Per Phase		$ 3,052.50					$ 20,105.33			$ 13,831.65
										Park Total Cost	**$ 36,989.48**
Cherokee Park	Cost Per Year	$ 4,000.00	$ 4,140.00	$ 9,640.98	$ 9,978.48	$ 10,327.68	$ 10,689.12	$ 11,063.16	$ 11,450.34	$ 11,851.02	$ 12,265.74
	Cost Per Phase		$ 8,140.00					$ 51,699.42			$ 35,567.10
										Park Total Cost	**$ 95,406.52**
Cherry Hill Park	Cost Per Year	$ 8,500.00	$ 8,797.50	$ 20,353.18	$ 21,065.68	$ 21,802.88	$ 22,565.92	$ 23,355.56	$ 24,172.94	$ 25,018.82	$ 25,894.34
	Cost Per Phase		$ 17,297.50					$ 109,143.22			$ 75,086.10
										Park Total Cost	**$ 201,526.82**
Delaney Park	Cost Per Year	$ 2,000.00	$ 2,070.00	$ 4,820.49	$ 4,989.24	$ 5,163.84	$ 5,344.56	$ 5,531.58	$ 5,725.17	$ 5,925.51	$ 6,132.87
	Cost Per Phase		$ 4,070.00					$ 25,849.71			$ 17,783.55
										Park Total Cost	**$ 47,703.26**
Ellis Golf Course	Cost Per Year	$ 8,000.00	$ 8,280.00	$ 18,746.35	$ 19,402.60	$ 20,081.60	$ 20,784.40	$ 21,511.70	$ 22,264.55	$ 23,043.65	$ 23,850.05
	Cost Per Phase		$ 16,280.00					$ 100,526.65			$ 69,158.25
										Park Total Cost	**$ 185,964.90**
Ellis Harbor	Cost Per Year	$ 1,000.00	$ 1,035.00	$ 1,606.83	$ 1,663.08	$ 1,721.28	$ 1,781.52	$ 1,843.86	$ 1,908.39	$ 1,975.17	$ 2,044.29
	Cost Per Phase		$ 2,035.00					$ 8,616.57			$ 5,927.85
										Park Total Cost	**$ 16,579.42**
Ellis Park	Cost Per Year	$ 13,500.00	$ 13,972.50	$ 33,207.82	$ 34,370.32	$ 35,573.12	$ 36,818.08	$ 38,106.44	$ 39,440.06	$ 40,820.18	$ 42,248.66
	Cost Per Phase		$ 27,472.50					$ 178,075.78			$ 122,508.90
										Park Total Cost	**$ 328,057.18**
Jacolyn Park	Cost Per Year	$ 1,000.00	$ 1,035.00	$ 2,678.05	$ 2,771.80	$ 2,868.80	$ 2,969.20	$ 3,073.10	$ 3,180.65	$ 3,291.95	$ 3,407.15
	Cost Per Phase		$ 2,035.00					$ 14,360.95			$ 9,879.75
										Park Total Cost	**$ 26,275.70**
Manhattan Park	Cost Per Year	$ 2,000.00	$ 2,070.00	$ 4,820.49	$ 4,989.24	$ 5,163.84	$ 5,344.56	$ 5,531.58	$ 5,725.17	$ 5,925.51	$ 6,132.87
	Cost Per Phase		$ 4,070.00					$ 25,849.71			$ 17,783.55
										Park Total Cost	**$ 47,703.26**
Robbins Lake	Cost Per Year	$ 2,500.00	$ 2,587.50	$ 6,427.32	$ 6,652.32	$ 6,885.12	$ 7,126.08	$ 7,375.44	$ 7,633.56	$ 7,900.68	$ 8,177.16
	Cost Per Phase		$ 5,087.50					$ 34,466.28			$ 23,711.40
										Park Total Cost	**$ 63,265.18**
Shawnee Park	Cost Per Year	$ 2,000.00	$ 2,070.00	$ 5,356.10	$ 5,543.60	$ 5,737.60	$ 5,938.40	$ 6,146.20	$ 6,361.30	$ 6,583.90	$ 6,814.30
	Cost Per Phase		$ 4,070.00					$ 28,721.90			$ 19,759.50
										Park Total Cost	**$ 52,551.40**

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Annualized Inflation	*0.00*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*
Planned Unit Cost	*$ 500.00*	*$ 517.50*	*$ 535.61*	*$ 554.36*	*$ 573.76*	*$ 593.84*	*$ 614.62*	*$ 636.13*	*$ 658.39*	*$ 681.43*

Total NW Quadrant Cost **$1,102,023.12**

ReLeaf Cedar Rapids

Worksheet: Park Tree Costs (parks w/planting plans)

Southeast Quadrant

#	Park	Total Trees	Trees Removed to Derecho	Remaining Trees	*Percentage Lost*	1:1 Replacement Total	25% Increase Over Pre-Derecho	Total Trees Planned	New Trees Planted To Date	ADJUSTED Trees Planned	Planting Phases (yr) 1-2	3-7	8-10	1	2	3	4	5	6	7	8	9	10
21	Anderson Park	22	9	13	*40.91%*	9	6	15	0	**15**	**2**	**10**	**6**	1	1	2	2	2	2	2	2	2	2
22	Bever Park	763	322	441	*42.20%*	322	191	513	31	**482**	**48**	**270**	**162**	24	24	54	54	54	54	54	54	54	54
23	Cedar Valley Park	49	27	22	*55.10%*	27	12	39	0	**39**	**4**	**20**	**12**	2	2	4	4	4	4	4	4	4	4
24	Gardner Golf Course	855	298	557	*34.85%*	298	214	512	25	**487**	**48**	**275**	**165**	24	24	55	55	55	55	55	55	55	55
25	Greene Square	76	14	62	*18.42%*	14	19	33	9	**24**	**2**	**15**	**9**	1	1	3	3	3	3	3	3	3	3
26	Hidder Park	18	4	14	*22.22%*	4	5	9	0	**9**	**0**	**5**	**3**	0	0	1	1	1	1	1	1	1	1
27	Prairie Park Fishery	1	0	1	*0.00%*	0	0	0	0	**0**	**0**	**0**	**0**	0	0	0	0	0	0	0	0	0	0
28	Redmond Park	32	19	13	*59.38%*	19	8	27	21	**6**	**0**	**5**	**3**	0	0	1	1	1	1	1	1	1	1
29	Sinclair Park	25	6	19	*24.00%*	6	6	12	0	**12**	**2**	**5**	**3**	1	1	1	1	1	1	1	1	1	1
30	Sun Valley (Sac & Fox)	39	8	31	*20.51%*	8	10	18	0	**18**	**2**	**10**	**6**	1	1	2	2	2	2	2	2	2	2
31	Van Vechten Park	90	38	52	*42.22%*	38	23	61	0	**61**	**6**	**35**	**21**	3	3	7	7	7	7	7	7	7	7
32	Viola Gibson Park	23	13	10	*56.52%*	13	6	19	0	**19**	**2**	**10**	**6**	1	1	2	2	2	2	2	2	2	2
											10%	56.25%	33.75%										
	Total SE Quadrant	**1993**	758	1235	*38.03%*	758	500	1258	86	**1172**	**116**	**660**	**396**	**58**	**58**	**132**	**132**	**132**	**132**	**132**	**132**	**132**	**132**

	1	2	3	4	5	6	7	8	9	10
Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Planned Unit Cost (w/ 2-yr H2O)	$ 500.00	$ 517.50	$ 535.61	$ 554.36	$ 573.76	$ 593.84	$ 614.62	$ 636.13	$ 658.39	$ 681.43
	2022	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**
Annual Cost	$ 29,000.00	$ 30,015.00	$ 70,700.52	$ 73,175.52	$ 75,736.32	$ 78,386.88	$ 81,129.84	$ 83,969.16	$ 86,907.48	$ 89,948.76
Phase Cost		$ 59,015.00					$ 379,129.08			$ 260,825.40
	Phase 1		Phase 2					Phase 3		
Total Quadrant Cost										**$ 698,969.48**

Unit & Watering Cost Breakout

	1	2	3	4	5	6	7	8	9	10
Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Unit Cost (w/o H2O)	$ 176.00	$ 182.16	$ 188.54	$ 195.14	$ 201.97	$ 209.04	$ 216.36	$ 223.93	$ 231.77	$ 239.88
Annual Cost	$ 10,208.00	$ 10,565.28	$ 24,887.28	$ 25,758.48	$ 26,660.04	$ 27,593.28	$ 28,559.52	$ 29,558.76	$ 30,593.64	$ 31,664.16
Phase Cost		$ 20,773.28					$ 133,458.60			$ 91,816.56
	Phase 1		Phase 2					Phase 3		
								Total Unit Cost (SE Quad)		**$ 246,048.44**

	1	2	3	4	5	6	7	8	9	10
Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
2-year H2O Only	$ 324.00	$ 335.34	$ 347.08	$ 359.23	$ 371.80	$ 384.81	$ 398.28	$ 412.22	$ 426.65	$ 441.58
Annual Cost	$ 18,792.00	$ 19,449.72	$ 45,814.56	$ 47,418.36	$ 49,077.60	$ 50,794.92	$ 52,572.96	$ 54,413.04	$ 56,317.80	$ 58,288.56
Phase Cost		$ 38,241.72					$ 245,678.40			$ 169,019.40

ReLeaf Cedar Rapids

Worksheet: **SE** Quadrant Annual Cost - By Parks w/Plans

Anderson Park

Plan Year	1	2	3	4	5	6	7	8	9	10
Cost Per Year	$ 500.00	$ 517.50	$ 1,071.22	$ 1,108.72	$ 1,147.52	$ 1,187.68	$ 1,229.24	$ 1,272.26	$ 1,316.78	$ 1,362.86
Cost Per Phase	$ 1,017.50		$ 5,744.38					$ 3,951.90		
									Park Total Cost	**$ 10,713.78**

Bever Park

Plan Year	1	2	3	4	5	6	7	8	9	10
Cost Per Year	$ 12,000.00	$ 12,420.00	$ 28,922.94	$ 29,935.44	$ 30,983.04	$ 32,067.36	$ 33,189.48	$ 34,351.02	$ 35,553.06	$ 36,797.22
Cost Per Phase	$ 24,420.00		$ 155,098.26					$ 106,701.30		
									Park Total Cost	**$ 286,219.56**

Cedar Valley Park

Plan Year	1	2	3	4	5	6	7	8	9	10
Cost Per Year	$ 1,000.00	$ 1,035.00	$ 2,142.44	$ 2,217.44	$ 2,295.04	$ 2,375.36	$ 2,458.48	$ 2,544.52	$ 2,633.56	$ 2,725.72
Cost Per Phase	$ 2,035.00		$ 11,488.76					$ 7,903.80		
									Park Total Cost	**$ 21,427.56**

Gardner Golf Course

Plan Year	1	2	3	4	5	6	7	8	9	10
Cost Per Year	$ 12,000.00	$ 12,420.00	$ 29,458.55	$ 30,489.80	$ 31,556.80	$ 32,661.20	$ 33,804.10	$ 34,987.15	$ 36,211.45	$ 37,478.65
Cost Per Phase	$ 24,420.00		$ 157,970.45					$ 108,677.25		
										$ 291,067.70

Greene Square

Plan Year	1	2	3	4	5	6	7	8	9	10
Cost Per Year	$ 500.00	$ 517.50	$ 1,606.83	$ 1,663.08	$ 1,721.28	$ 1,781.52	$ 1,843.86	$ 1,908.39	$ 1,975.17	$ 2,044.29
Cost Per Phase	$ 1,017.50		$ 8,616.57					$ 5,927.85		
									Park Total Cost	**$ 15,561.92**

Hidder Park

Plan Year	1	2	3	4	5	6	7	8	9	10
Cost Per Year	$ -	$ -	$ 535.61	$ 554.36	$ 573.76	$ 593.84	$ 614.62	$ 636.13	$ 658.39	$ 681.43
Cost Per Phase	$ -		$ 2,872.19					$ 1,975.95		
									Park Total Cost	**$ 4,848.14**

Prairie Park Fishery

Plan Year	1	2	3	4	5	6	7	8	9	10
Cost Per Year	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Cost Per Phase	$ -		$ -					$ -		
									Park Total Cost	**$ -**

Redmond Park

Plan Year	1	2	3	4	5	6	7	8	9	10
Cost Per Year	$ -	$ -	$ 535.61	$ 554.36	$ 573.76	$ 593.84	$ 614.62	$ 636.13	$ 658.39	$ 681.43
Cost Per Phase	$ -		$ 2,872.19					$ 1,975.95		
									Park Total Cost	**$ 4,848.14**

Sinclair Park

Plan Year	1	2	3	4	5	6	7	8	9	10
Cost Per Year	$ 500.00	$ 517.50	$ 535.61	$ 554.36	$ 573.76	$ 593.84	$ 614.62	$ 636.13	$ 658.39	$ 681.43
Cost Per Phase	$ 1,017.50		$ 2,872.19					$ 1,975.95		
									Park Total Cost	**$ 5,865.64**

Sun Valley (Sac & Fox)

Plan Year	1	2	3	4	5	6	7	8	9	10
Cost Per Year	$ 500.00	$ 517.50	$ 1,071.22	$ 1,108.72	$ 1,147.52	$ 1,187.68	$ 1,229.24	$ 1,272.26	$ 1,316.78	$ 1,362.86
Cost Per Phase	$ 1,017.50		$ 5,744.38					$ 3,951.90		
									Park Total Cost	**$ 10,713.78**

Van Vechten Park

Plan Year	1	2	3	4	5	6	7	8	9	10
Cost Per Year	$ 1,500.00	$ 1,552.50	$ 3,749.27	$ 3,880.52	$ 4,016.32	$ 4,156.88	$ 4,302.34	$ 4,452.91	$ 4,608.73	$ 4,770.01
Cost Per Phase	$ 3,052.50		$ 20,105.33					$ 13,831.65		
									Park Total Cost	**$ 36,989.48**

Viola Gibson Park

Plan Year	1	2	3	4	5	6	7	8	9	10
Cost Per Year	$ 500.00	$ 517.50	$ 1,071.22	$ 1,108.72	$ 1,147.52	$ 1,187.68	$ 1,229.24	$ 1,272.26	$ 1,316.78	$ 1,362.86
Cost Per Phase	$ 1,017.50		$ 5,744.38					$ 3,951.90		
									Park Total Cost	**$ 10,713.78**

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Annualized Inflation	*0.00*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*
Planned Unit Cost	*$ 500.00*	*$ 517.50*	*$ 535.61*	*$ 554.36*	*$ 573.76*	*$ 593.84*	*$ 614.62*	*$ 636.13*	*$ 658.39*	*$ 681.43*

Total SE Quadrant Cost **$698,969.48**

ReLeaf CEDAR RAPIDS

ReLeaf Cedar Rapids

Worksheet: Park Tree Costs (parks w/planting plans)

Southwest Quadrant	#	Park	Total Trees	Trees Removed to Derecho	Remaining Trees	*Percentage Lost*	1:1 Replacement Total	25% Increase Over Pre-Derecho	Total Trees Planned	New Trees Planted To Date	ADJUSTED Trees Planned
	33	Cleveland Park	75	25	50	*33.33%*	25	19	44	47	**-3**
	34	Jones Park	550	364	186	*66.18%*	364	138	502	21	**481**
	35	Lincoln Way Park	79	19	60	*24.05%*	19	20	39	0	**39**
	36	Navajo Park	60	15	45	*25.00%*	15	15	30	0	**30**
	37	Riverside Park	78	46	32	*58.97%*	46	20	66	0	**66**
	38	Van Buren Park	45	10	35	*22.22%*	10	11	21	0	**21**
	39	Veterans Memorial Tennis Center	67	25	42	*37.31%*	25	17	42	0	**42**
		Total SW	**954**	504	450	*52.83%*	504	240	744	68	**676**

Planting Phases (yr)

Park	1-2	3-7	8-10	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*
Cleveland Park	**0**	**0**	**0**	0	0	0	0	0	0	0	0	0	0
Jones Park	**48**	**270**	**162**	24	24	54	54	54	54	54	54	54	54
Lincoln Way Park	**4**	**20**	**12**	2	2	4	4	4	4	4	4	4	4
Navajo Park	**4**	**15**	**9**	2	2	3	3	3	3	3	3	3	3
Riverside Park	**6**	**35**	**21**	3	3	7	7	7	7	7	7	7	7
Van Buren Park	**2**	**10**	**6**	1	1	2	2	2	2	2	2	2	2
Veterans Memorial Tennis Center	**4**	**25**	**15**	2	2	5	5	5	5	5	5	5	5
Total SW	10%	56.25%	33.75%										
	68	**375**	**225**	**34**	**34**	**75**	**75**	**75**	**75**	**75**	**75**	**75**	**75**

	1	2	3	4	5	6	7	8	9	10
Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Planned Unit Cost (w/ 2-yr H2O)	$ 500.00	$ 517.50	$ 535.61	$ 554.36	$ 573.76	$ 593.84	$ 614.62	$ 636.13	$ 658.39	$ 681.43
	2022	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**
Annual Cost	$ 17,000.00	$ 17,595.00	$ 40,170.75	$ 41,577.00	$ 43,032.00	$ 44,538.00	$ 46,096.50	$ 47,709.75	$ 49,379.25	$ 51,107.25
Phase Cost		$ 34,595.00					$ 215,414.25			$ 148,196.25
		Phase 1					Phase 2			Phase 3
Total Quadrant Cost										**$ 398,205.50**

Unit & Watering Cost Breakout

	1	2	3	4	5	6	7	8	9	10
Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Unit Cost (w/o H2O)	$ 176.00	$ 182.16	$ 188.54	$ 195.14	$ 201.97	$ 209.04	$ 216.36	$ 223.93	$ 231.77	$ 239.88
Annual Cost	$ 5,984.00	$ 6,193.44	$ 14,140.50	$ 14,635.50	$ 15,147.75	$ 15,678.00	$ 16,227.00	$ 16,794.75	$ 17,382.75	$ 17,991.00
Phase Cost		$ 12,177.44					$ 75,828.75			$ 52,168.50
		Phase 1					Phase 2			Phase 3
								Total Unit Cost (SW Quad)		**$ 140,174.69**

	1	2	3	4	5	6	7	8	9	10
Annualized Inflation	0.00	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
2-year H2O Only	$ 324.00	$ 335.34	$ 347.08	$ 359.23	$ 371.80	$ 384.81	$ 398.28	$ 412.22	$ 426.65	$ 441.58
Annual Cost	$ 11,016.00	$ 11,401.56	$ 26,031.00	$ 26,942.25	$ 27,885.00	$ 28,860.75	$ 29,871.00	$ 30,916.50	$ 31,998.75	$ 33,118.50
Phase Cost		$ 22,417.56					$ 139,590.00			$ 96,033.75
		Phase 1					Phase 2			Phase 3
								Total Watering Cost (SW Quad)		**$ 258,041.31**

ReLeaf Cedar Rapids

Worksheet: **SW** Quadrant Annual Cost - By Parks w/Plans

Cleveland Park	Plan Year	1	2	3	4	5	6	7	8	9	10
	Cost Per Year	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	Cost Per Phase		$ -					$ -			$ -
										Park Total Cost	**$ -**

Jones Park	Plan Year	1	2	3	4	5	6	7	8	9	10
	Cost Per Year	$ 12,000.00	$ 12,420.00	$ 28,922.94	$ 29,935.44	$ 30,983.04	$ 32,067.36	$ 33,189.48	$ 34,351.02	$ 35,553.06	$ 36,797.22
	Cost Per Phase		$ 24,420.00					$ 155,098.26			$ 106,701.30
										Park Total Cost	**$ 286,219.56**

Lincoln Way Park	Plan Year	1	2	3	4	5	6	7	8	9	10
	Cost Per Year	$ 1,000.00	$ 1,035.00	$ 2,142.44	$ 2,217.44	$ 2,295.04	$ 2,375.36	$ 2,458.48	$ 2,544.52	$ 2,633.56	$ 2,725.72
	Cost Per Phase		$ 2,035.00					$ 11,488.76			$ 7,903.80
										Park Total Cost	**$ 21,427.56**

Navajo Park	Plan Year	1	2	3	4	5	6	7	8	9	10
	Cost Per Year	$ 1,000.00	$ 1,035.00	$ 1,606.83	$ 1,663.08	$ 1,721.28	$ 1,781.52	$ 1,843.86	$ 1,908.39	$ 1,975.17	$ 2,044.29
	Cost Per Phase		$ 2,035.00					$ 8,616.57			$ 5,927.85
										Park Total Cost	**$ 16,579.42**

Riverside Park	Plan Year	1	2	3	4	5	6	7	8	9	10
	Cost Per Year	$ 1,500.00	$ 1,552.50	$ 3,749.27	$ 3,880.52	$ 4,016.32	$ 4,156.88	$ 4,302.34	$ 4,452.91	$ 4,608.73	$ 4,770.01
	Cost Per Phase		$ 3,052.50					$ 20,105.33			$ 13,831.65
										Park Total Cost	**$ 36,989.48**

Van Buren Park	Plan Year	1	2	3	4	5	6	7	8	9	10
	Cost Per Year	$ 500.00	$ 517.50	$ 1,071.22	$ 1,108.72	$ 1,147.52	$ 1,187.68	$ 1,229.24	$ 1,272.26	$ 1,316.78	$ 1,362.86
	Cost Per Phase		$ 1,017.50					$ 5,744.38			$ 3,951.90
										Park Total Cost	**$ 10,713.78**

Veterans Memorial Tennis Center	Plan Year	1	2	3	4	5	6	7	8	9	10
	Cost Per Year	$ 1,000.00	$ 1,035.00	$ 2,678.05	$ 2,771.80	$ 2,868.80	$ 2,969.20	$ 3,073.10	$ 3,180.65	$ 3,291.95	$ 3,407.15
	Cost Per Phase		$ 2,035.00					$ 14,360.95			$ 9,879.75
										Park Total Cost	**$ 26,275.70**

	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Annualized Inflation	*0.00*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*	*3.50%*
Planned Unit Cost	*$ 500.00*	*$ 517.50*	*$ 535.61*	*$ 554.36*	*$ 573.76*	*$ 593.84*	*$ 614.62*	*$ 636.13*	*$ 658.39*	*$ 681.43*

Total SE Quadrant Cost **$398,205.50**