

Antelope Village

Level 2 Reserve Study



Report Period – 01/01/2025 – 12/31/2025

Client Reference Number	12637
Property Type	Townhouse
Number of Units	69
Fiscal Year End	12/31

Type of Study	Update w / Site Visit
Date of Property Inspection	9/5/2024
Prepared By	Dale Gifford
Analysis Method	Cash Flow
Funding Goal	Full Funding

Report prepared on – Thursday, March 20, 2025



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Glossary of Commonly used Words and Phrases

Executive Summary – Antelope Village - ID # 12637

Information to complete a Level 1, and Level 2 Reserve Study was gathered by performing an in-person site visit of the community. Information to complete the Level 1, Level 2, and Level 3 Reserve Study was gathered by researching the expenditures of the community with the client. In addition, we may have also obtained information by contacting vendors and/or contractors that have worked with the community. To the best of our knowledge, the conclusions and recommendations of this report are considered reliable and accurate as far as the information obtained from these sources.

Projected Starting Balance as of 01/01/2025	\$280,000
Ideal Reserve Balance as of 01/01/2025	\$783,875
Percent Funded as of 01/01/2025	36%
Recommended Reserve Contribution (per month)	\$7,250
Recommended Special Assessment 2025	\$0

Antelope Village is a 69-unit Townhome community. The community offers a basketball court, playground, and landscaped areas as amenities. Construction on the community was completed in 2006.

Currently Programmed Projects

There are multiple projects programmed to occur this fiscal year (FY2025). We have programmed an estimated \$18,000 in reserve expenditures toward the completion of these projects. (See page 15)

Significant Reserve Projects

The association's significant reserve projects are roofs replace (Comp# 105), vinyl siding replace (Comp# 302), stucco surfaces repair/repaint (Comp# 201), and asphalt seal coat (Comp# 402). The fiscal significance of these components is approximately 36%, 11%, 8%, and 8% respectively (see page 9). A component's significance is calculated by dividing its replacement cost by its useful life. In this way, not only is a component's replacement cost considered but also the frequency of occurrence. These components most significantly contribute to the total monthly reserve contribution. As these components have a high level of fiscal significance the association should properly maintain them to ensure they reach their full useful lives.

Reserve Funding

In comparing the projected starting reserve balance of \$280,000 versus the ideal reserve balance of \$783,875 we find the association's reserve fund to be approximately 36% funded. This indicates a fair reserve fund position. In order to continue to strengthen the account fund, we suggest adopting a monthly reserve contribution of \$7,250 (\$105.07/unit) per month. If the contribution falls below this rate, then the reserve fund may fall into a situation where special assessments, deferred maintenance, and lower property values are likely at some point in the future.

Introduction

Reserve Study Purpose

The purpose of this Reserve Study is to provide the Association with a budgeting tool to help ensure that there are adequate reserve funds available to perform future reserve projects. The detailed schedules will serve as an advance warning that major projects will need to be addressed in the future. This will allow the Association to have ample time to obtain competitive bids for each project. It will also help to ensure the physical well-being of the property and enhance each owner's investment, while limiting the possibility of unexpected major projects that may lead to special assessments.

Preparer's Credentials

Mr. Gifford has been working in the community association industry since 2002. Prior to taking a position as the Regional Project Manager covering the Utah region, at Complex Solutions in 2010, he worked in community association management in Utah. While in community association management his positions included, Maintenance Supervisor, Senior Portfolio Manager and Vice President of Community Management. His work in community association management gave him experience with budget creation, reserves and reserve budgeting, community inspections, and analyzing common area components.

- Bachelor of Science in Chemistry from Emporia State University.
- Personally, has prepared over 3,000 reserve studies in Utah.
- Member of the Association of Professional Reserve Analysts (APRA).
- Professional Reserve Analyst (PRA) designation from Association of Professional Reserve Analysts (APRA), PRA #2320.
- Member of the Utah Chapter of Community Associations Institute (UCCAI). Former Board member, and former Utah Chapter President.
- Reserve Specialist (RS) designation from Community Associations Institute (CAI), RS# 231.
- Professional Community Association Manager® (PCAM®) designation from Community Associations Institute (CAI), PCAM# 1740.
- Association Management Specialist® (AMS®) designation from Community Associations Institute (CAI).
- Recipient of Community Associations Institute's (CAI) annual award of Excellence in Chapter Leadership for service and achievement in 2010.
- Member of the CAI Utah Legislative Action Committee.

Budget Breakdown

Every association conducts their business within a budget. There are typically two main parts to this budget, the Operating budget, and the Reserve budget. The operating budget includes all expenses that occur on an annual basis as well as general maintenance and repairs. Typical operating budget line items include management fees, maintenance expenses, utilities, etc. The reserve budget is primarily made up of replacement items such as roofing, fencing, mechanical equipment, etc., that do not normally occur on an annual basis.

Report Sections

Reserve Analysis: this section contains the evaluation of the association's reserve balance, income, and expenses. It includes a finding of the client's current reserve fund status (measured as percent funded) and a recommendation for an appropriate reserve allocation rate (also known as the funding plan).

Component Evaluation: this section contains information regarding the physical status and replacement cost of reserve components the association is responsible to maintain. It is important to understand that while the component inventory will remain relatively "stable" from year to year, the condition assessment and life estimates will vary from year to year.

General Information and Frequently Asked Questions

Is it the law to have a Reserve Study conducted?

The Government requires a reserve study in approximately twenty states. Also, the Association's governing documents may require a reserve fund to be established. This does not mean a Reserve Study is required, but how are you going to know if you have enough money in the reserve fund if you do not have the proper information?

Why is it important to perform a Reserve Study?

This report provides the essential information that is needed to guide the Association in establishing the reserve portion of the total monthly assessment. The reserve fund is critical to the future of the association because it helps ensure that reserve projects can be completed on time. When projects are completed on time, deferred maintenance and the lower property values that typically accompany it can be avoided. It is suggested that a third party professionally prepare the Reserve Analysis Study since there is no vested interest in the property.

After we have a Reserve Study, what do we do with it?

Please take the time to review the report carefully and make sure the component information is complete and accurate. If there are any inaccuracies, or changes such as a component that the association feels should be added, removed, or altered, please inform us immediately so we may revise the report. Use the report to help establish your budget for the upcoming fiscal year.

How often do we review and update our Reserve Study?

There is a misconception that a Reserve Study is good for an extended period since the report has projections for a thirty-year period. The assumptions, interest rates, inflation rates and other information used to create this report change each year. Scheduled events may not happen, unpredictable circumstances could occur, deterioration rates can be unpredictable and repair/replacement costs will vary from causes that are unforeseen. These variations alter the results of the Reserve Study. The Reserve Study should be professionally reviewed each year by having a Level III "no site visit" update reserve study performed. The Reserve Study should be professionally updated every three years by having a Level II "site visit" update reserve study performed.

What is a "Reserve Component" versus an "Operating Component"?

A "Reserve" component is an item that is the responsibility of the association to maintain, has a limited useful life, predictable remaining useful life, typically occurs on a cyclical basis that exceeds one year, and costs above a minimum threshold amount. An "Operating" component is typically a fixed expense that occurs on an annual basis.

What are the GREY areas of "maintenance" items that are often seen in a Reserve Study?

One of the most frequently asked questions revolves around major "maintenance" items, such as painting the buildings or seal coating the asphalt. You may hear from your accountant that since painting or seal coating is not replacing a "capital" item, it cannot be considered a reserve component. However, it is the opinion of several major Reserve Study providers, including Complex Solutions, that these components meet the criteria of a reserve component.

Information and Data Gathered:

The information contained in this report is based on estimates and assumptions gathered from various sources. Estimated life expectancies are based upon conditions that were readily visible and accessible at the time of the site visit. While every effort has been made to ensure accurate results, this report reflects the judgment of Complex Solutions Ltd. and should not be construed as a guarantee or assurance of predicting future events.

What happens during the Site Visit?

During the site visit we identified the common area components that we have determined require reserve funding. These components are quantified, and physical condition is observed. The site visit is conducted on the common areas as reported by the client.

What is the Financial Analysis?

We project the starting balance by taking the most recent reserve fund balance as stated by the client and add expected reserve contributions to the end of the fiscal year. We then subtract the expenses of any pending projects. We compare this number to the Fully Funded Balance and arrive at the Percent Funded level. Based on that level of funding we then recommend a Funding Plan to help ensure the adequacy of funding in the future.

Measures of reserve fund financial strength are as follows:

0% - 30% Funded is considered a “weak” financial position. Associations that fall into this category are more likely to have special assessments and deferred maintenance. Action should be taken to improve the financial strength of the reserve fund.

31% - 69% Funded is considered a “fair” financial position. Associations that fall into this category are less likely to experience special assessments and deferred maintenance than being in a weak financial position. Action should be taken to improve the financial strength of the reserve fund.

70% - 99% Funded is considered a “strong” financial position. Associations that fall into this category are less likely to experience special assessments and deferred maintenance than being in a fair financial position. Action should be taken to improve the financial strength of the reserve fund.

100% Funded is considered an “ideal” financial position. Action should be taken to maintain the financial strength of the reserve fund.

Disclosures:

Information provided to the preparer of a reserve study by an official representative of the association regarding financial, historical, physical, quantitative, or reserve project issues will be deemed reliable by the preparer. A reserve study will reflect information provided to the preparer of the reserve study. The total of actual or projected reserves required as presented in the reserve study is based upon information provided that was not audited.

A reserve study is not intended to be used to perform an audit, an analysis of quality, a forensic study, or a background check of historical records. An on-site inspection conducted in conjunction with a reserve study should not be deemed to be a project audit or quality inspection.

The results of this study are based on the independent opinion of the preparer and his experience and research during his career in preparing Reserve Studies. In addition, the opinions of experts on certain components have been gathered through research within their industry and with client's actual vendors. There is no implied warranty or guarantee regarding our life and cost estimates/predictions. There is no implied warranty or guarantee on any of our work products. Our results and findings will vary from another preparer's results and findings. A Reserve Study is necessarily a work in progress and subsequent Reserve Studies will vary from prior studies.

The projected life expectancy of the reserve components and the funding needs of the reserves of the association are based upon the association performing appropriate routine and preventative maintenance for each component. Failure to perform such maintenance can negatively impact the remaining useful life of the component and dramatically increase the funding needs of the reserves of the association.

This Reserve Study assumes that all construction assemblies and components identified herein are built properly and are free from defects in materials and/or workmanship. Defects can lead to reduced useful life and premature failure. It was not the intent of this Reserve Study to inspect for or to identify defects. If defects exist, repairs should be made so that the construction components and assemblies at the community reach the full and expected useful lives.

Site Visits: Should a site visit have been performed during the preparation of this reserve study, no invasive testing was performed. The physical analysis performed during the site visit was not intended to be exhaustive in nature and may have included representative sampling. Estimated life expectancies and life cycles are based upon conditions that were readily accessible and visible at the time of the site visit. We have assumed all components have been properly built and will reach normal, typical life expectancies. A reserve study is not intended to identify or fund construction defects. We did not and will not look for or identify construction defects during our site visit. In addition, environmental hazards (such as lead paint, asbestos, radon, etc.), have been excluded from this report.

Update Reserve Studies:

Level II Studies: Quantities of major components as reported in previous reserve studies are deemed to be accurate and reliable. The reserve study relies upon the validity of previous reserve studies.

Level III Studies: In addition to the above we have not visited the property when completing a Level III “No Site Visit” study. Therefore, we have not verified the current condition of the components.

Insurance: We carry general and professional liability insurance as well as workers' compensation insurance.

Actual or Perceived Conflicts of Interest: There are no potential actual or perceived conflicts of interest of which we are aware.

Inflation and Interest Rates: The after-tax interest rate used in the financial analysis may or may not be based on the clients' reported after-tax interest rate. If it is, we have not verified or audited the reported rate. The inflation rate may also be based on an amount we believe appropriate given the 30-year horizon of this study and may or may not reflect current or historical inflation rates.

Funding Summary

Beginning Assumptions

# of units	69
Fiscal Year End	31-Dec
Budgeted Monthly Reserve Allocation	\$1,229
Projected Starting Reserve Balance	\$280,000
Ideal Starting Reserve Balance	\$783,875

Economic Assumptions

Projected Inflation Rate	4.00%
Reported After-Tax Interest Rate	2.00%

Current Reserve Status

Current Balance as a % of Ideal Balance	36%
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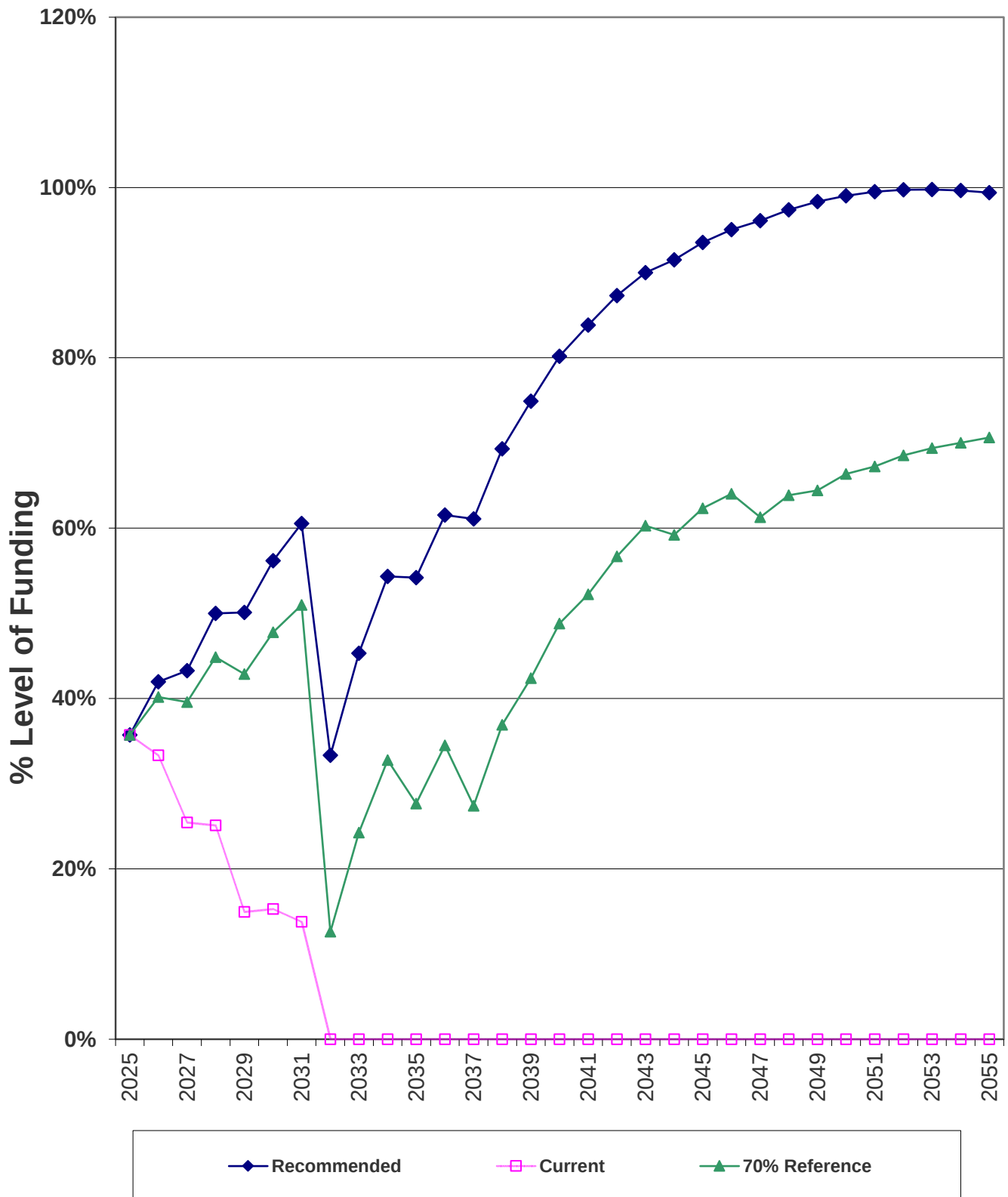
Recommendations

Recommended Monthly Reserve Allocation	\$7,250
Per Unit	\$105.07
Future Annual Increases	3.00%
For number of years:	30
Increases thereafter:	0.00%
70% Funded Monthly Reserve Allocation Reference	\$6,000
Per Unit	\$86.96
Future Annual Increases	3.00%
For number of years:	30
Increases thereafter:	0.00%

Changes From Prior Year

Recommended Increase to Reserve Allocation as Percentage	\$6,021 490%
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Percent Funded - Graph



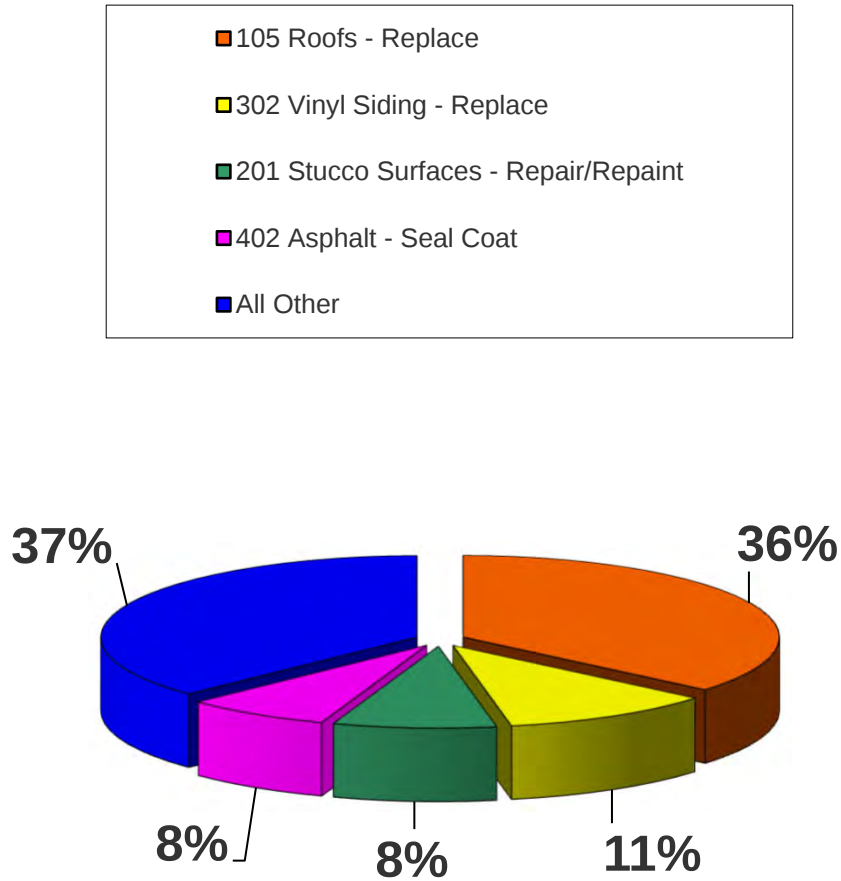
Component Inventory

Category	ID #	Component Name	Useful Life (yrs.)	Remaining Useful Life (yrs.)	Best Cost	Worst Cost
Roofing	105	Roofs - Replace	25	6	\$396,000	\$480,000
	120	Rain Gutters/Downspouts - Replace	30	11	\$56,000	\$68,000
Painted Surfaces	201	Stucco Surfaces - Repair/Repaint	15	3	\$52,000	\$69,000
	202	Porch Poles - Repaint	5	3	\$3,000	\$4,000
	204	Front Doors - Repaint	N/A		\$0	\$0
	219	Faux Shutters - Repaint	6	3	\$4,000	\$6,000
Siding Materials	302	Vinyl Siding - Replace	50	31	\$234,000	\$293,000
	390	Faux Shutters - Replace	20	13	\$12,000	\$15,000
Drive Materials	401	Asphalt - Major Rehab	30	9	\$93,000	\$113,000
	402	Asphalt - Seal Coat	5	0	\$16,000	\$20,000
	403	Concrete - Repair/Replace	10	1	\$8,000	\$10,000
Prop. Identification	801	Community Signs - Replace	20	3	\$2,000	\$3,000
	803	Mailboxes - Replace	20	1	\$15,000	\$18,000
Life / Safety	903	Security Camera System - Replace	12	6	\$8,000	\$10,000
Fencing	1002	Metal Fencing - Replace	40	21	\$17,000	\$21,000
	1008	Vinyl Fencing & Railing - Replace	30	11	\$85,000	\$10,000
Courts	1206	Basketball Court - Replace	50	31	\$30,000	\$36,000
	1207	Basketball Equipment - Replace	15	3	\$2,000	\$3,000
Recreation Equip.	1301	Play Structure - Replace	20	1	\$4,000	\$5,000
	1303	Play Area Groundcover - Refill	5	3	\$2,000	\$3,000
	1307	Bench - Replace	N/A		\$0	\$0
	1308	Trash Receptacles - Replace	N/A		\$0	\$0
Light Fixtures	1602	Exterior Light Fixtures - Replace	20	1	\$47,000	\$62,000
	1604	Pole Lights - Replace	20	3	\$2,000	\$3,000
Landscaping	1812	Landscaping & Irrigation System - Renov	20	3	\$20,000	\$30,000

Significant Components

ID #	Component Name	Useful Life (yrs.)	Remaining Useful Life (yrs.)	Average Current Cost	Significance: (Curr Cost/UL)	
					As \$	As %
105	Roofs - Replace	25	6	\$438,000	\$17,520	36.1672%
120	Rain Gutters/Downspouts - Replace	30	11	\$62,000	\$2,067	4.2663%
201	Stucco Surfaces - Repair/Repaint	15	3	\$60,500	\$4,033	8.3262%
202	Porch Poles - Repaint	5	3	\$3,500	\$700	1.4450%
219	Faux Shutters - Repaint	6	3	\$5,000	\$833	1.7203%
302	Vinyl Siding - Replace	50	31	\$263,500	\$5,270	10.8791%
390	Faux Shutters - Replace	20	13	\$13,500	\$675	1.3934%
401	Asphalt - Major Rehab	30	9	\$103,000	\$3,433	7.0876%
402	Asphalt - Seal Coat	5	0	\$18,000	\$3,600	7.4316%
403	Concrete - Repair/Replace	10	1	\$9,000	\$900	1.8579%
801	Community Signs - Replace	20	3	\$2,500	\$125	0.2580%
803	Mailboxes - Replace	20	1	\$16,500	\$825	1.7031%
903	Security Camera System - Replace	12	6	\$9,000	\$750	1.5483%
1002	Metal Fencing - Replace	40	21	\$19,000	\$475	0.9806%
1008	Vinyl Fencing & Railing - Replace	30	11	\$47,500	\$1,583	3.2685%
1206	Basketball Court - Replace	50	31	\$33,000	\$660	1.3625%
1207	Basketball Equipment - Replace	15	3	\$2,500	\$167	0.3441%
1301	Play Structure - Replace	20	1	\$4,500	\$225	0.4645%
1303	Play Area Groundcover - Refill	5	3	\$2,500	\$500	1.0322%
1602	Exterior Light Fixtures - Replace	20	1	\$54,500	\$2,725	5.6253%
1604	Pole Lights - Replace	20	3	\$2,500	\$125	0.2580%
1812	Landscaping & Irrigation System - Rend	20	3	\$25,000	\$1,250	2.5804%

Significant Components - Graph



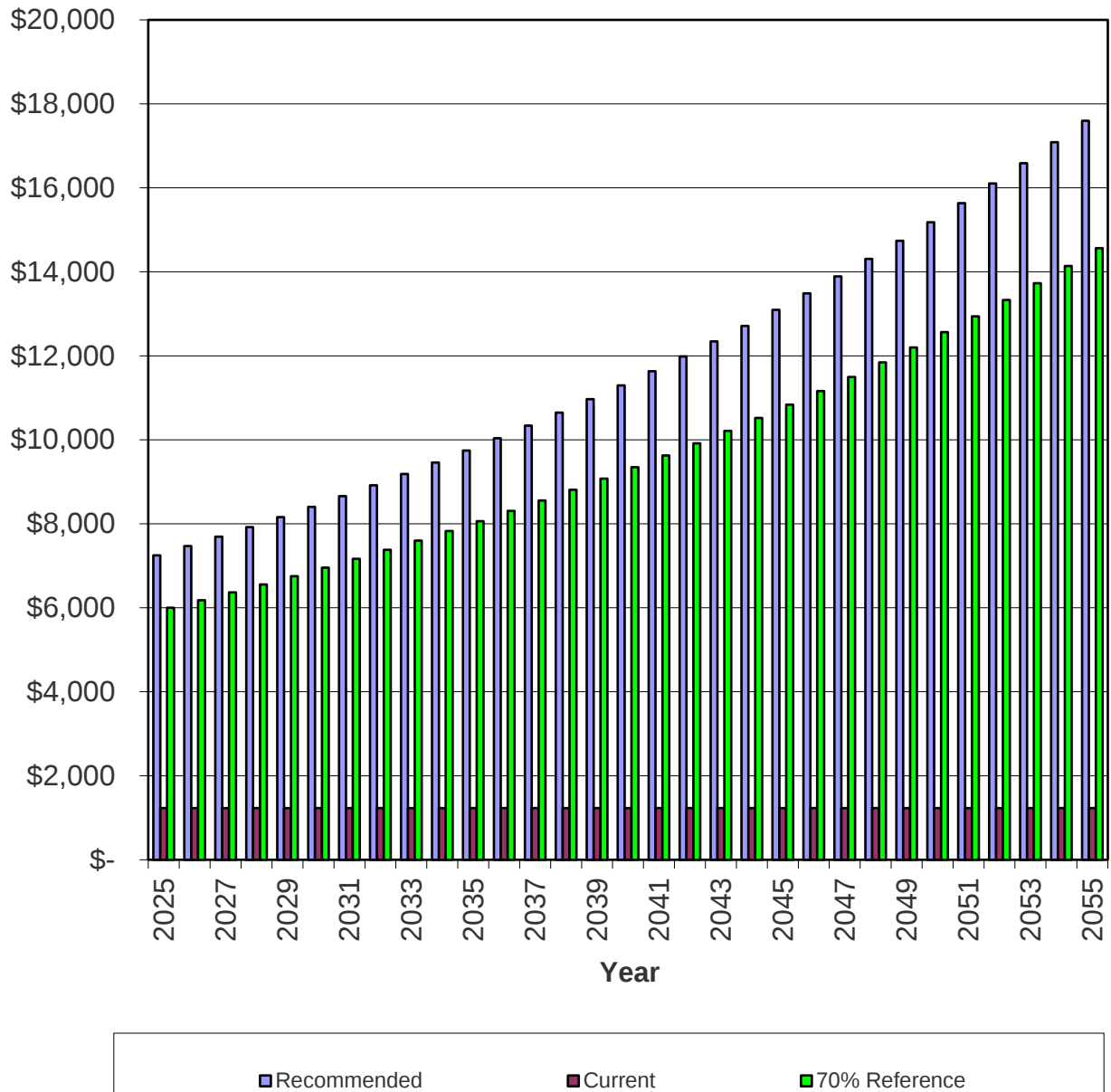
ID #	Component Name	Useful Life (yrs.)	Remaining Useful Life (yrs.)	Average Current Cost	Significance: (Curr Cost/UL)	
					As \$	As %
105	Roofs - Replace	25	6	\$438,000	\$17,520	36%
302	Vinyl Siding - Replace	50	31	\$263,500	\$5,270	11%
201	Stucco Surfaces - Repair/Repaint	15	3	\$60,500	\$4,033	8%
402	Asphalt - Seal Coat	5	0	\$18,000	\$3,600	8%
All Other	See Expanded Table For Breakdown				\$18,018	37%

Yearly Summary

Year	Fully Funded Balance	Starting Reserve Balance	% Funded	Reserve Contributions	Interest Income	Reserve Expenses	Ending Reserve Balance
2025	\$783,875	\$280,000	36%	\$87,000	\$6,348	\$18,000	\$355,348
2026	\$846,889	\$355,348	42%	\$89,610	\$7,190	\$87,880	\$364,268
2027	\$841,764	\$364,268	43%	\$92,298	\$8,284	\$0	\$464,850
2028	\$929,925	\$464,850	50%	\$95,067	\$9,161	\$116,986	\$452,093
2029	\$902,127	\$452,093	50%	\$97,919	\$10,113	\$0	\$560,126
2030	\$997,148	\$560,126	56%	\$100,857	\$12,103	\$21,900	\$651,186
2031	\$1,075,553	\$651,186	61%	\$103,883	\$8,484	\$565,598	\$197,955
2032	\$594,099	\$197,955	33%	\$106,999	\$5,075	\$0	\$310,029
2033	\$684,159	\$310,029	45%	\$110,209	\$7,287	\$8,211	\$419,314
2034	\$771,933	\$419,314	54%	\$113,515	\$8,058	\$153,718	\$387,169
2035	\$714,650	\$387,169	54%	\$116,921	\$8,726	\$26,644	\$486,171
2036	\$790,099	\$486,171	62%	\$120,428	\$9,187	\$182,425	\$433,362
2037	\$709,537	\$433,362	61%	\$124,041	\$9,999	\$0	\$567,402
2038	\$818,578	\$567,402	69%	\$127,762	\$12,414	\$32,469	\$675,110
2039	\$901,439	\$675,110	75%	\$131,595	\$14,955	\$0	\$821,660
2040	\$1,024,737	\$821,660	80%	\$135,543	\$17,535	\$41,422	\$933,316
2041	\$1,113,378	\$933,316	84%	\$139,609	\$20,247	\$0	\$1,093,173
2042	\$1,252,273	\$1,093,173	87%	\$143,798	\$23,516	\$0	\$1,260,487
2043	\$1,400,498	\$1,260,487	90%	\$148,112	\$25,342	\$158,014	\$1,275,927
2044	\$1,394,243	\$1,275,927	92%	\$152,555	\$27,293	\$0	\$1,455,775
2045	\$1,556,154	\$1,455,775	94%	\$157,132	\$30,572	\$39,440	\$1,604,038
2046	\$1,687,770	\$1,604,038	95%	\$161,846	\$31,515	\$247,246	\$1,550,152
2047	\$1,612,947	\$1,550,152	96%	\$166,701	\$32,971	\$0	\$1,749,824
2048	\$1,796,860	\$1,749,824	97%	\$171,702	\$36,156	\$88,730	\$1,868,953
2049	\$1,900,626	\$1,868,953	98%	\$176,853	\$39,508	\$0	\$2,085,315
2050	\$2,105,789	\$2,085,315	99%	\$182,159	\$43,445	\$47,985	\$2,262,933
2051	\$2,274,419	\$2,262,933	99%	\$187,623	\$47,569	\$0	\$2,498,126
2052	\$2,505,071	\$2,498,126	100%	\$193,252	\$52,228	\$14,417	\$2,729,189
2053	\$2,735,542	\$2,729,189	100%	\$199,050	\$56,914	\$17,992	\$2,967,161
2054	\$2,977,325	\$2,967,161	100%	\$205,021	\$61,959	\$0	\$3,234,141

Reserve Contributions - Graph

Monthly Reserve Contributions



Component Funding Information

ID	Component Name	UL	RUL	Quantity	Average Current Cost	Ideal Balance	Current Fund Balance	Monthly
105	Roofs - Replace	25	6	Approx 83,325 SF	\$438,000	\$332,880	\$101,375	\$2,622.12
120	Rain Gutters/Downspouts - Replace	30	11	Approx 6,180 LF	\$62,000	\$39,267	\$0	\$309.31
201	Stucco Surfaces - Repair/Repaint	15	3	Approx 34,025 SF	\$60,500	\$48,400	\$48,400	\$603.65
202	Porch Poles - Repaint	5	3	(68) Units	\$3,500	\$1,400	\$1,400	\$104.77
219	Faux Shutters - Repaint	6	3	(125) Shutters	\$5,000	\$2,500	\$2,500	\$124.72
302	Vinyl Siding - Replace	50	31	Approx 19,500 SF	\$263,500	\$100,130	\$0	\$788.73
390	Faux Shutters - Replace	20	13	(125) Shutters	\$13,500	\$4,725	\$0	\$101.02
401	Asphalt - Major Rehab	30	9	Approx 40,900 SF	\$103,000	\$72,100	\$0	\$513.85
402	Asphalt - Seal Coat	5	0	Approx 40,900 SF	\$18,000	\$18,000	\$18,000	\$538.79
403	Concrete - Repair/Replace	10	1	Extensive SF	\$9,000	\$8,100	\$8,100	\$134.70
801	Community Signs - Replace	20	3	(2) Signs	\$2,500	\$2,125	\$2,125	\$18.71
803	Mailboxes - Replace	20	1	(5) Clusters	\$16,500	\$15,675	\$15,675	\$123.47
903	Security Camera System - Replace	12	6	(1) System	\$9,000	\$4,500	\$0	\$112.25
1002	Metal Fencing - Replace	40	21	Approx 330 LF	\$19,000	\$9,025	\$0	\$71.09
1008	Vinyl Fencing & Railing - Replace	30	11	Approx 1,530 LF	\$47,500	\$30,083	\$0	\$236.97
1206	Basketball Court - Replace	50	31	Approx 1,200 SF	\$33,000	\$12,540	\$0	\$98.78
1207	Basketball Equipment - Replace	15	3	(1) Backboard	\$2,500	\$2,000	\$2,000	\$24.94
1301	Play Structure - Replace	20	1	(1) Structure	\$4,500	\$4,275	\$4,275	\$33.67
1303	Play Area Groundcover - Refill	5	3	Approx 1,000 SF	\$2,500	\$1,000	\$1,000	\$74.83
1602	Exterior Light Fixtures - Replace	20	1	(308) Fixtures	\$54,500	\$51,775	\$51,775	\$407.84
1604	Pole Lights - Replace	20	3	(2) Poles	\$2,500	\$2,125	\$2,125	\$18.71
1812	Landscaping & Irrigation System - Renovate	20	3	Extensive SF	\$25,000	\$21,250	\$21,250	\$187.08
					\$978,500	\$629,627	\$181,900	\$5,860

Current Fund Balance as a percentage of Ideal Balance: 29%

Yearly Cash Flow

Year	2025	2026	2027	2028	2029
Starting Balance	\$280,000	\$355,348	\$364,268	\$464,850	\$452,093
<i>Reserve Income</i>	\$87,000	\$89,610	\$92,298	\$95,067	\$97,919
<i>Interest Earnings</i>	\$6,348	\$7,190	\$8,284	\$9,161	\$10,113
<i>Special Assessments</i>	\$0	\$0	\$0	\$0	\$0
Funds Available	\$373,348	\$452,148	\$464,850	\$569,079	\$560,126
Reserve Expenditures	\$18,000	\$87,880	\$0	\$116,986	\$0
Ending Balance	\$355,348	\$364,268	\$464,850	\$452,093	\$560,126

Year	2030	2031	2032	2033	2034
Starting Balance	\$560,126	\$651,186	\$197,955	\$310,029	\$419,314
<i>Reserve Income</i>	\$100,857	\$103,883	\$106,999	\$110,209	\$113,515
<i>Interest Earnings</i>	\$12,103	\$8,484	\$5,075	\$7,287	\$8,058
<i>Special Assessments</i>	\$0	\$0	\$0	\$0	\$0
Funds Available	\$673,085	\$763,552	\$310,029	\$427,525	\$540,887
Reserve Expenditures	\$21,900	\$565,598	\$0	\$8,211	\$153,718
Ending Balance	\$651,186	\$197,955	\$310,029	\$419,314	\$387,169

Year	2035	2036	2037	2038	2039
Starting Balance	\$387,169	\$486,171	\$433,362	\$567,402	\$675,110
<i>Reserve Income</i>	\$116,921	\$120,428	\$124,041	\$127,762	\$131,595
<i>Interest Earnings</i>	\$8,726	\$9,187	\$9,999	\$12,414	\$14,955
<i>Special Assessments</i>	\$0	\$0	\$0	\$0	\$0
Funds Available	\$512,816	\$615,787	\$567,402	\$707,579	\$821,660
Reserve Expenditures	\$26,644	\$182,425	\$0	\$32,469	\$0
Ending Balance	\$486,171	\$433,362	\$567,402	\$675,110	\$821,660

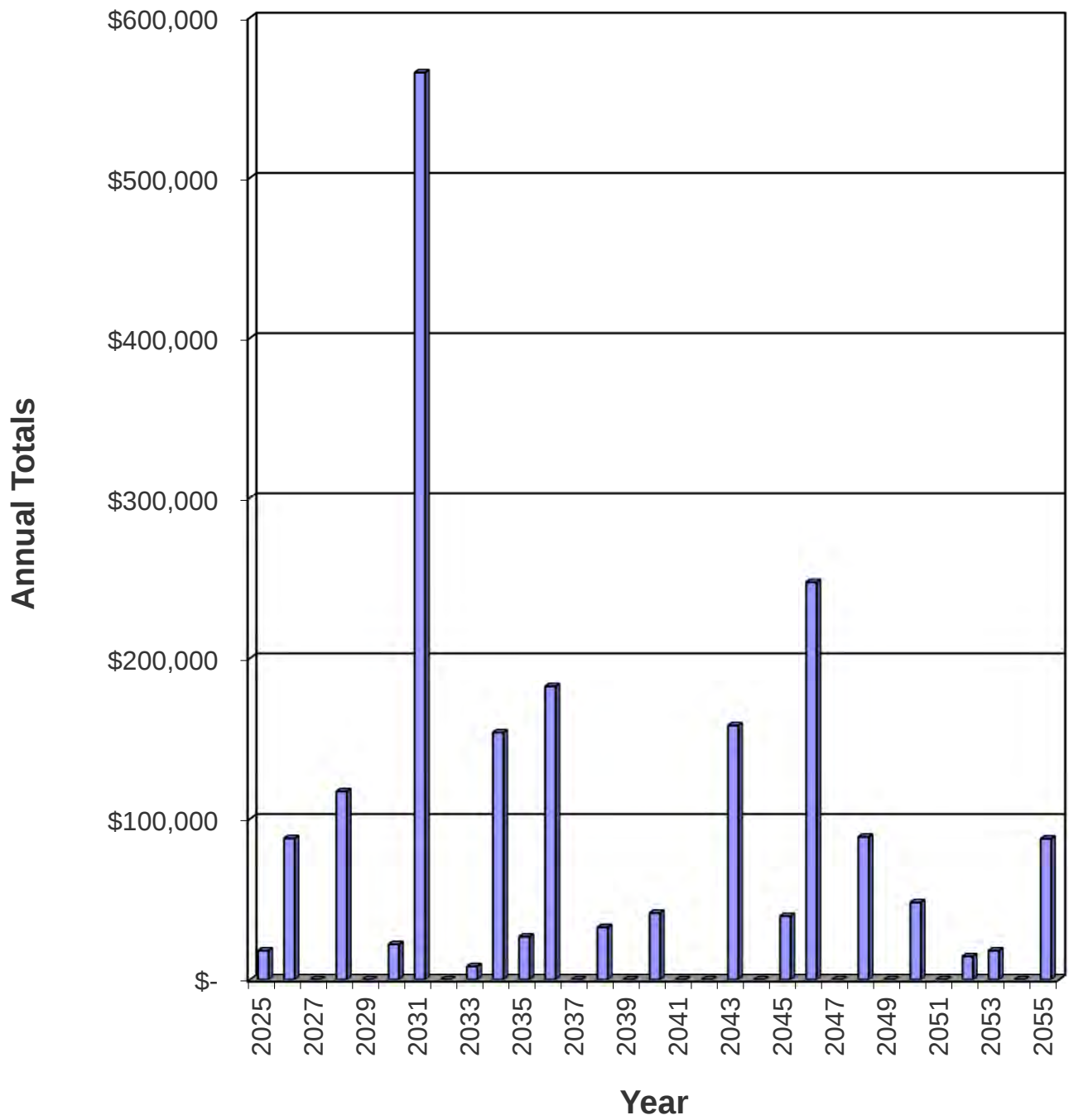
Year	2040	2041	2042	2043	2044
Starting Balance	\$821,660	\$933,316	\$1,093,173	\$1,260,487	\$1,275,927
<i>Reserve Income</i>	\$135,543	\$139,609	\$143,798	\$148,112	\$152,555
<i>Interest Earnings</i>	\$17,535	\$20,247	\$23,516	\$25,342	\$27,293
<i>Special Assessments</i>	\$0	\$0	\$0	\$0	\$0
Funds Available	\$974,737	\$1,093,173	\$1,260,487	\$1,433,940	\$1,455,775
Reserve Expenditures	\$41,422	\$0	\$0	\$158,014	\$0
Ending Balance	\$933,316	\$1,093,173	\$1,260,487	\$1,275,927	\$1,455,775

Year	2045	2046	2047	2048	2049
Starting Balance	\$1,455,775	\$1,604,038	\$1,550,152	\$1,749,824	\$1,868,953
<i>Reserve Income</i>	\$157,132	\$161,846	\$166,701	\$171,702	\$176,853
<i>Interest Earnings</i>	\$30,572	\$31,515	\$32,971	\$36,156	\$39,508
<i>Special Assessments</i>	\$0	\$0	\$0	\$0	\$0
Funds Available	\$1,643,478	\$1,797,398	\$1,749,824	\$1,957,683	\$2,085,315
Reserve Expenditures	\$39,440	\$247,246	\$0	\$88,730	\$0
Ending Balance	\$1,604,038	\$1,550,152	\$1,749,824	\$1,868,953	\$2,085,315

Year	2050	2051	2052	2053	2054
Starting Balance	\$2,085,315	\$2,262,933	\$2,498,126	\$2,729,189	\$2,967,161
<i>Reserve Income</i>	\$182,159	\$187,623	\$193,252	\$199,050	\$205,021
<i>Interest Earnings</i>	\$43,445	\$47,569	\$52,228	\$56,914	\$61,959
<i>Special Assessments</i>	\$0	\$0	\$0	\$0	\$0
Funds Available	\$2,310,918	\$2,498,126	\$2,743,606	\$2,985,153	\$3,234,141
Reserve Expenditures	\$47,985	\$0	\$14,417	\$17,992	\$0
Ending Balance	\$2,262,933	\$2,498,126	\$2,729,189	\$2,967,161	\$3,234,141



Yearly Reserve Expenditures - Graph



Projected Reserve Expenditures by Year

Year	ID #	Component Name	Projected Cost	Total Per Annum
2025	402	Asphalt - Seal Coat	\$18,000	\$18,000
2026	403	Concrete - Repair/Replace	\$9,360	
	803	Mailboxes - Replace	\$17,160	
	1301	Play Structure - Replace	\$4,680	
	1602	Exterior Light Fixtures - Replace	\$56,680	\$87,880
2027		No Expenditures Projected		\$0
2028	201	Stucco Surfaces - Repair/Repaint	\$68,054	
	202	Porch Poles - Repaint	\$3,937	
	219	Faux Shutters - Repaint	\$5,624	
	801	Community Signs - Replace	\$2,812	
	1207	Basketball Equipment - Replace	\$2,812	
	1303	Play Area Groundcover - Refill	\$2,812	
	1604	Pole Lights - Replace	\$2,812	
	1812	Landscaping & Irrigation System - Renovate	\$28,122	\$116,986
2029		No Expenditures Projected		\$0
2030	402	Asphalt - Seal Coat	\$21,900	\$21,900
2031	105	Roofs - Replace	\$554,210	
	903	Security Camera System - Replace	\$11,388	\$565,598
2032		No Expenditures Projected		\$0
2033	202	Porch Poles - Repaint	\$4,790	
	1303	Play Area Groundcover - Refill	\$3,421	\$8,211
2034	219	Faux Shutters - Repaint	\$7,117	
	401	Asphalt - Major Rehab	\$146,601	\$153,718
2035	402	Asphalt - Seal Coat	\$26,644	\$26,644
2036	120	Rain Gutters/Downspouts - Replace	\$95,446	
	403	Concrete - Repair/Replace	\$13,855	
	1008	Vinyl Fencing & Railing - Replace	\$73,124	\$182,425
2037		No Expenditures Projected		\$0
2038	202	Porch Poles - Repaint	\$5,828	
	390	Faux Shutters - Replace	\$22,478	
	1303	Play Area Groundcover - Refill	\$4,163	\$32,469
2039		No Expenditures Projected		\$0
2040	219	Faux Shutters - Repaint	\$9,005	
	402	Asphalt - Seal Coat	\$32,417	\$41,422
2041		No Expenditures Projected		\$0
2042		No Expenditures Projected		\$0
2043	201	Stucco Surfaces - Repair/Repaint	\$122,562	
	202	Porch Poles - Repaint	\$7,090	
	903	Security Camera System - Replace	\$18,232	
	1207	Basketball Equipment - Replace	\$5,065	
	1303	Play Area Groundcover - Refill	\$5,065	\$158,014
2044		No Expenditures Projected		\$0
2045	402	Asphalt - Seal Coat	\$39,440	\$39,440
2046	219	Faux Shutters - Repaint	\$11,394	

Year	Comp ID	Component Name	Projected Cost	Total Per Annum
	403	Concrete - Repair/Replace	\$20,509	
	803	Mailboxes - Replace	\$37,600	
	1002	Metal Fencing - Replace	\$43,297	
	1301	Play Structure - Replace	\$10,254	
	1602	Exterior Light Fixtures - Replace	\$124,193	\$247,246
2047		No Expenditures Projected		\$0
2048	202	Porch Poles - Repaint	\$8,627	
	801	Community Signs - Replace	\$6,162	
	1303	Play Area Groundcover - Refill	\$6,162	
	1604	Pole Lights - Replace	\$6,162	
	1812	Landscaping & Irrigation System - Renovate	\$61,618	\$88,730
2049		No Expenditures Projected		\$0
2050	402	Asphalt - Seal Coat	\$47,985	\$47,985
2051		No Expenditures Projected		\$0
2052	219	Faux Shutters - Repaint	\$14,417	\$14,417
2053	202	Porch Poles - Repaint	\$10,495	
	1303	Play Area Groundcover - Refill	\$7,497	\$17,992
2054		No Expenditures Projected		\$0

Component Evaluation

Comp #: 105 Roofs - Replace



Location: **Building Roofs**

Quantity: **Approx 83,325 SF**

Life Expectancy: **25 Remaining Life: 6**

Best Cost: **\$396,000**

Estimate to replace

Worst Cost: **\$480,000**

Higher estimate

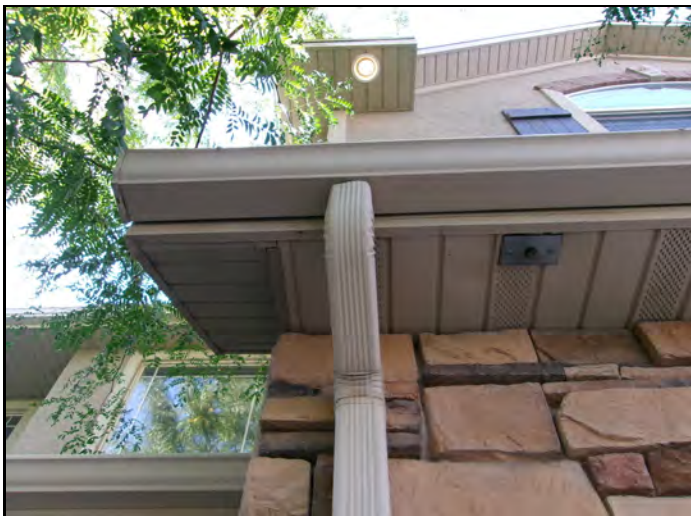
Source of Information: CSL Cost Database

Observations:

The roofs appear to be in good to fair condition. We recommend funding to replace this component approximately every 20 - 25 years. Remaining life based on current age.

General Notes:

Comp #: 120 Rain Gutters/Downspouts - Replace



Location: **Building Roofs**

Quantity: **Approx 6,180 LF**

Life Expectancy: **30** *Remaining Life:* **11**

Best Cost: **\$56,000**

Estimate to replace

Worst Cost: **\$68,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The rain gutters and downspouts appear to be in good to fair condition. We recommend funding to replace this component approximately every 25 - 30 years. Remaining life based on current age.

General Notes:

Comp #: 201 Stucco Surfaces - Repair/Repaint



Location: **Building Exteriors**

Quantity: **Approx 34,025 SF**

Life Expectancy: **15** *Remaining Life:* **3**

Best Cost: **\$52,000**

Estimate to repair/repaint

Worst Cost: **\$69,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The stucco surfaces appear to be in fair condition. We recommend funding to repair/repaint this component approximately every 12 - 15 years. Remaining life based on current age and condition.

General Notes:



Comp #: 202 Porch Poles - Repaint



Location: **Building Exteriors**

Quantity: **(68) Units**

Life Expectancy: **5** *Remaining Life:* **3**

Best Cost: **\$3,000**

Estimate to repaint

Worst Cost: **\$4,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The painted wood surfaces are in good to fair condition. We recommend funding to repaint this component approximately every 4 - 6 years. Remaining life based on current condition.

General Notes:

Comp #: 204 Front Doors - Repaint



Location: **Unit Front Doors**

Quantity: **(68) Doors**

Life Expectancy: **N/A** *Remaining Life:*

Best Cost: **\$0**

Worst Cost: **\$0**

Source of Information:

Observations:

Research with the client reveals this component is not a responsibility of the association.

General Notes:

Comp #: 219 Faux Shutters - Repaint



Location: **Building Exteriors**

Quantity: **(125) Shutters**

Life Expectancy: **6** *Remaining Life:* **3**

Best Cost: **\$4,000**

Estimate to repaint

Worst Cost: **\$6,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The painted surfaces are in good to fair condition. We recommend funding to repaint this component approximately every 6 years. Remaining life based on current age.

General Notes:

Comp #: 302 Vinyl Siding - Replace



Location: **Building Exteriors**

Quantity: **Approx 19,500 SF**

Life Expectancy: **50** *Remaining Life:* **31**

Best Cost: **\$234,000**

Estimate to replace

Worst Cost: **\$293,000**

Higher estimate

Source of Information: CSL Cost Database

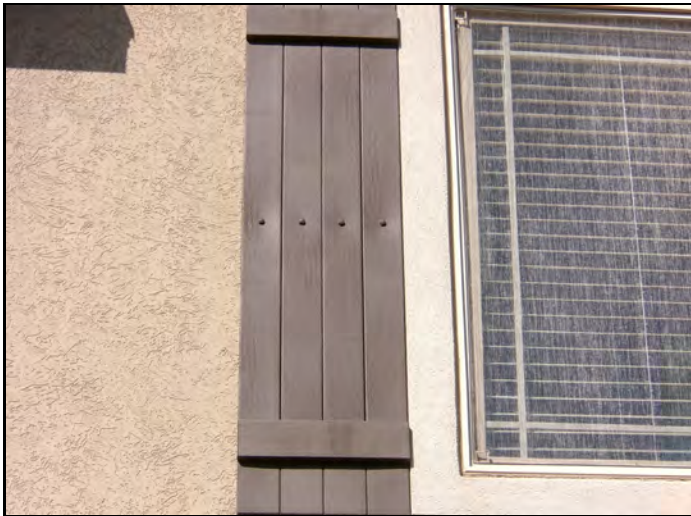
Observations:

The vinyl siding is in good condition. We recommend funding to replace this component approximately every 40 - 50 years. Remaining life based on current age.

General Notes:



Comp #: 390 Faux Shutters - Replace



Location: **Building Exteriors**

Quantity: **(125) Shutters**

Life Expectancy: **20** *Remaining Life:* **13**

Best Cost: **\$12,000**

Estimate to replace

Worst Cost: **\$15,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The faux shutters are in good condition. We recommend funding to replace this component approximately every 20 - 30 years. Remaining life based on current age.

General Notes:

Comp #: 401 Asphalt - Major Rehab



Location: **Community Parking Areas & Streets**

Quantity: **Approx 40,900 SF**

Life Expectancy: **30** *Remaining Life:* **9**

Best Cost: **\$93,000**

Estimate for major rehab

Worst Cost: **\$113,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The asphalt surfaces are generally in fair condition. We recommend funding for a major rehab of this component approximately every 25 - 30 years. Remaining life based on current age.

General Notes:

Comp #: 402 Asphalt - Seal Coat



Location: **Community Parking Areas & Streets**

Quantity: **Approx 40,900 SF**

Life Expectancy: **5** *Remaining Life:* **0**

Best Cost: **\$16,000**

Estimate for seal coat

Worst Cost: **\$20,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The asphalt seal coat is in poor condition. We recommend funding to seal this component approximately every 3 - 5 years. Remaining life based on current condition.

General Notes:

Comp #: 403 Concrete - Repair/Replace



Location: **Community Driveways & Sidewalks**

Quantity: **Extensive SF**

Life Expectancy: **10** *Remaining Life:* **1**

Best Cost: **\$8,000**

Allowance to repair/replace

Worst Cost: **\$10,000**

Higher allowance

Source of Information: CSL Cost Database

Observations:

The concrete is in good to fair condition. This component has an extended useful life under normal conditions. We recommend funding to make repairs and partially replace this component approximately every 10 years. Remaining life based on current age.

General Notes:

Comp #: 801 Community Signs - Replace



Location: **Community Entrance**

Quantity: **(2) Signs**

Life Expectancy: **20** *Remaining Life:* **3**

Best Cost: **\$2,000**

Estimate to replace

Worst Cost: **\$3,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The community signs are in fair condition. We recommend funding to replace this component approximately every 15 - 20 years. Remaining life is based on current age and condition.

General Notes:

Comp #: 803 Mailboxes - Replace



Location: **Common Area**

Quantity: **(5) Clusters**

Life Expectancy: **20** *Remaining Life:* **1**

Best Cost: **\$15,000**

Estimate to replace

Worst Cost: **\$18,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The mailboxes are in good to fair condition. We recommend funding to replace this component approximately every 20 - 25 years. Remaining life based on current age.

General Notes:



Comp #: 903 Security Camera System - Replace



Location: **Common Area**

Quantity: **(1) System**

Life Expectancy: **12** *Remaining Life:* **6**

Best Cost: **\$8,000**

Estimate to replace

Worst Cost: **\$10,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The security camera system is in working condition. We recommend funding to replace this component approximately every 10 - 12 years. Remaining life based on current age.

General Notes:

Comp #: 1002 Metal Fencing - Replace



Location: **Community South Perimeter**

Quantity: **Approx 330 LF**

Life Expectancy: **40** *Remaining Life:* **21**

Best Cost: **\$17,000**

Estimate to replace

Worst Cost: **\$21,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The metal fencing is in good to fair condition. We recommend funding to replace this component approximately every 40 - 50 years. Remaining life based on current age.

General Notes:

Comp #: 1008 Vinyl Fencing & Railing - Replace



Location: **Backyard Dividers & East Perimeter**

Quantity: **Approx 1,530 LF**

Life Expectancy: **30** *Remaining Life:* **11**

Best Cost: **\$85,000**

Estimate to replace

Worst Cost: **\$10,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The vinyl fencing and railing is in good to fair condition. We recommend funding to replace this component approximately every 25 - 30 years. Remaining life based on current age.

General Notes:

Quantity description:

1,390 Linear ft. - Fencing

140 Linear ft. - Railing

1,530 Linear ft. - Total

Comp #: 1206 Basketball Court - Replace



Location: **Common Area**

Quantity: **Approx 1,200 SF**

Life Expectancy: **50** *Remaining Life:* **31**

Best Cost: **\$30,000**

Estimate to replace

Worst Cost: **\$36,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The basketball court is in good to fair condition. We recommend funding to replace this component approximately every 40 - 50 years. Remaining life based on current age.

General Notes:

Comp #: 1207 Basketball Equipment - Replace



Location: **Common Area**

Quantity: **(1) Backboard**

Life Expectancy: **15** *Remaining Life:* **3**

Best Cost: **\$2,000**

Estimate to replace

Worst Cost: **\$3,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The basketball equipment is in fair condition. We recommend funding to replace this component approximately every 10 - 15 years. Remaining life is based on current age.

General Notes:

Comp #: 1301 Play Structure - Replace



Location: **Common Area**

Quantity: **(1) Structure**

Life Expectancy: **20** *Remaining Life:* **1**

Best Cost: **\$4,000**

Estimate to replace

Worst Cost: **\$5,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The play structure is in fair condition. We recommend funding to replace this component approximately every 15 - 20 years. Remaining life based on current age.

General Notes:

Comp #: 1303 Play Area Groundcover - Refill



Location: **Play Area**

Quantity: **Approx 1,000 SF**

Life Expectancy: **5** *Remaining Life:* **3**

Best Cost: **\$2,000**

Estimate to refill

Worst Cost: **\$3,000**

Higher estimate for more labor costs

Source of Information: CSL Cost Database

Observations:

The play area groundcover is in good condition. We recommend funding to refill this component approximately every 3 - 5 years. Remaining life is based on current age.

General Notes:

Comp #: 1307 Bench - Replace



Location: **Play Area**

Quantity: **(1) Bench**

Life Expectancy: **N/A** *Remaining Life:*

Best Cost: **\$0**

Worst Cost: **\$0**

Source of Information:

Observations:

Due to the minimal cost of replacing this component, reserve funding is not appropriate. Replace as necessary as an operating expense.

General Notes:

Comp #: 1308 Trash Receptacles - Replace



Location: **Common Area**

Quantity: **(2) Receptacles**

Life Expectancy: **N/A** *Remaining Life:*

Best Cost: **\$0**

Worst Cost: **\$0**

Source of Information:

Observations:

Due to the minimal cost of replacing this component, reserve funding is not appropriate. Replace as necessary as an operating expense.

General Notes:

Comp #: 1602 Exterior Light Fixtures - Replace



Location: **Building Exteriors**

Quantity: **(308) Fixtures**

Life Expectancy: **20** *Remaining Life:* **1**

Best Cost: **\$47,000**

Estimate to replace

Worst Cost: **\$62,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The exterior light fixtures are in good to fair condition. We recommend funding to replace this component approximately every 16 - 20 years. Remaining life based on current age and condition.

General Notes:

Quantity description:

(2) - Basketball Area

(238) - Front

(68) - Rear

(308) - Total

Comp #: 1604 Pole Lights - Replace



Location: **Common Area**

Quantity: **(2) Poles**

Life Expectancy: **20** *Remaining Life:* **3**

Best Cost: **\$2,000**

Estimate to replace

Worst Cost: **\$3,000**

Higher estimate

Source of Information: CSL Cost Database

Observations:

The pole lights are in fair condition. We recommend funding to replace these pole light fixtures, poles and to refurbish the electrical approximately every 16 - 20 years. Remaining life based on current age and condition.

General Notes:

Comp #: 1812 Landscaping & Irrigation System - Renovate



Location: **Common Area**

Quantity: **Extensive SF**

Life Expectancy: **20** *Remaining Life:* **3**

Best Cost: **\$20,000**

Allowance to renovate

Worst Cost: **\$30,000**

Higher allowance

Source of Information: CSL Cost Database

Observations:

The landscaping and irrigation system appear to be in good to fair condition. We recommend funding for an allowance to renovate this component approximately every 20 years. Remaining life based on current age and condition.

General Notes:

Glossary of Commonly Used Words And Phrases

(Provided by the National Reserve Study Standards of the Community Associations Institute)

Cash Flow Method – A method of developing a reserve funding plan where contributions to the reserve fund are designed to offset the variable annual expenditures from the reserve fund. Different reserve funding plans are tested against the anticipated schedule of reserve expenses until the desired funding goal is achieved.

Component – Also referred to as an “Asset.” Individual line items in the Reserve Study developed or updated in the physical analysis. These elements form the building blocks for the Reserve Study. Components typically are: 1) Association responsibility, 2) with limited useful life expectancies, 3) have predictable remaining life expectancies, 4) above a minimum threshold cost, and 5) required by local codes.

Component Full Funding – When the actual (or projected) cumulative reserve balance for all components is equal to the fully funded balance.

Component Inventory – The task of selecting and quantifying reserve components. This task can be accomplished through on-site visual observations, review of association design and organizational documents, a review of established association precedents, and discussion with appropriate association representatives.

Deficit – An actual (or projected reserve balance), which is less than the fully funded balance.

Effective Age – The difference between useful life and remaining useful life (UL - RUL).

Financial Analysis – The portion of the Reserve Study where current status of the reserves (measured as cash or percent funded) and a recommended reserve contribution rate (reserve funding plan) are derived, and the projected reserve income and expenses over time is presented. The financial analysis is one of the two parts of the Reserve Study.

Fully Funded Balance – An indicator against which the actual (or projected) reserve balance can be compared. The reserve balance that is in direct proportion to the fraction of life “used up” of the current repair or replacement cost of a reserve component. This number is calculated for each component, and then summed together for an association total.

$$\text{FFB} = \text{Current Cost} * \text{Effective Age} / \text{Useful Life}$$

Fund Status – The status of the reserve fund as compared to an established benchmark, such as percent funded.

Funding Goals – Independent of calculation methodology utilized, the following represent the basic categories of funding plan goals:

- *Baseline Funding:* Establishing a reserve-funding goal of keeping the reserve balance above zero.
- *Component Full Funding:* Setting a reserve funding goal of attaining and maintaining cumulative reserves at or near 100% funded.
- *Threshold Funding:* Establishing a reserve funding goal of keeping the reserve balance above a specified dollar or percent funded amount.

Funding Plan – An association’s plan to provide income to a reserve fund to offset anticipated expenditures from that fund.



Funding Principles –

- Sufficient funds when required
- Stable contributions through the year
- Evenly distributed contributions over the years
- Fiscally responsible

GSF - Gross Square Feet

Life and Valuation Estimates – The task of estimating useful life, remaining useful life, and repair or replacement costs for the reserve components.

LF - Linear Feet

Percent Funded – The ratio, at a particular point in time (typically the beginning of the fiscal year), of the actual (or projected) reserve balance to the ideal fund balance, expressed as a percentage.

Physical Analysis – The portion of the Reserve Study where the component evaluation, condition assessment, and life and valuation estimate tasks are performed. This represents one of the two parts of the Reserve Study.

Remaining Useful Life (RUL) – Also referred to as “remaining life” (RL). The estimated time, in years, that a reserve component can be expected to continue to serve its intended function. Projects anticipated to occur in the current fiscal year have a “0” remaining useful life.

Replacement Cost – The cost of replacing, repairing, or restoring a reserve component to its original functional condition. The current replacement cost would be the cost to replace, repair, or restore the component during that particular year.

Reserve Balance – Actual or projected funds as of a particular point in time (typically the beginning of the fiscal year) that the association has identified for use to defray the future repair or replacement of those major components that the association is obligated to maintain. Also known as “reserves,” “reserve accounts,” or “cash reserves.” In this report the reserve balance is based upon information provided and is not audited.

Reserve Study – A budget-planning tool, which identifies the current status of the reserve fund and a stable and equitable funding plan to offset the anticipated future major common area expenditures. The Reserve Study consists of two parts: The Physical Analysis and the Financial Analysis.

Special Assessment – An assessment levied on the members of an association in addition to regular assessments. Governing documents or local statutes often regulate special assessments.

Surplus – An actual (or projected) reserve balance that is greater than the fully funded balance.

Useful Life (UL) – Also known as “life expectancy.” The estimated time, in years, that a reserve component can be expected to serve its intended function if properly constructed and maintained in its present application of installation.

