

RESERVE ANALYSIS REPORT

Sample Townhomes Association

Summit County, Colorado

Version 1

Thursday, February 09, 2017



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Sample Townhomes Association

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Preface

This preface is intended to provide an introduction to the enclosed reserve analysis as well as detailed information regarding the reserve analysis report format, reserve fund goals/objectives and calculation methods. The following sections are included in this preface:

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◆ ◆ ◆ ◆ INTRODUCTION TO RESERVE BUDGETING ◆ ◆ ◆ ◆

The Board of Directors of an association has a legal and fiduciary duty to maintain the community in a good state of repair. Individual unit property values are significantly impacted by the level of maintenance and upkeep provided by the association as well as the amount of the regular assessment charged to each owner.

A prudent plan must be implemented to address the issues of long-range maintenance, repair and replacement of the common areas. Additionally, the plan should recognize that the value of each unit is affected by the amount of the regular assessment charged to each unit.

There is a fine line between “not enough,” “just right” and “too much.” Each member of an association should contribute to the reserve fund for their proportionate amount of “depreciation” (or “use”) of the reserve components. Through time, if each owner contributes his “fair share” into the reserve fund for the depreciation of the reserve components, then the possibility of large increases in regular assessments or special assessments will be minimized.

An accurate reserve analysis and a “healthy” reserve fund are essential to protect and maintain the association's common areas and the property values of the individual unit owners. A comprehensive reserve analysis is one of the most significant elements of any association's long-range plan and provides the critical link between sound business judgment and good fiscal planning. The reserve analysis provides a “financial blueprint” for the future of an association.

◆ ◆ ◆ ◆ UNDERSTANDING THE RESERVE ANALYSIS ◆ ◆ ◆ ◆

In order for the reserve analysis to be useful, it must be understandable by a variety of individuals. Board members (from seasoned, experienced Board members to new Board members), property managers, accountants, attorneys and even homeowners may ultimately review the reserve analysis. The reserve analysis must be detailed enough to provide a comprehensive analysis, yet simple enough to enable less experienced individuals to understand the results.

There are four key bits of information that a comprehensive reserve analysis should provide: Budget, Percent Funded, Projections and Inventory. This information is described as follows:

Budget

Amount recommended to be transferred into the reserve account for the fiscal year for which the reserve analysis was prepared. In some cases, the reserve analysis may present two or more funding plans based on different goals/objectives. The Board should have a clear understanding of the differences among these funding goals/objectives prior to implementing one of them in the annual budget.

Percent Funded

Measure of the reserve fund “health” (expressed as a percentage) as of the beginning of the fiscal year for which the

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reserve analysis was prepared. This figure is the ratio of the actual reserve fund on hand to the fully funded balance. A reserve fund that is “100% funded” means the association has accumulated the proportionately correct amount of money, to date, for the reserve components it maintains.

Projections

Indicate the “level of service” the association will provide the membership as well as a “road map” for the fiscal future of the association. The projections define the timetables for repairs and replacements, such as when the buildings will be painted or when the asphalt will be seal coated. The projections also show the financial plan for the association – when an underfunded association will “catch up” or how a properly funded association will remain fiscally “healthy.”

Inventory

Complete listing of the reserve components. Key bits of information are available for each reserve component, including placed-in-service date, useful life, remaining life, replacement year, quantity, current cost of replacement, future cost of replacement and analyst’s comments.

◆ ◆ ◆ ◆ RESERVE FUNDING GOALS / OBJECTIVES ◆ ◆ ◆ ◆

There are four reserve funding goals/objectives which may be used to develop a reserve funding plan that corresponds with the risk tolerance of the association: Full Funding, Baseline Funding, Threshold Funding and Statutory Funding. These goals/objectives are described as follows:

Full Funding

Describes the goal/objective to have reserves on hand equivalent to the value of the deterioration of the each reserve component. The objective of this funding goal is to achieve and/or maintain a 100% percent funded reserve fund. The component calculation method or cash flow calculation method is typically used to develop a full funding plan.

Baseline Funding

Describes the goal/objective to have sufficient reserves on hand to never completely run out of money. The objective of this funding goal is to simply pay for all reserve expenses as they come due without regard to the association’s percent funded. The cash flow calculation method is typically used to develop a baseline funding plan.

Threshold Funding

Describes the goal/objective other than the 100% level (full funding) or just staying cash-positive (baseline funding). This threshold goal/objective may be a specific percent funded target or a cash balance target. Threshold funding is often a value chosen between full funding and baseline funding. The cash flow calculation method is typically used to develop a threshold funding plan.

Statutory Funding

Describes the pursuit of an objective as described or required by local laws or codes. The component calculation method or cash flow calculation method is typically used to develop a statutory funding plan.

◆ ◆ ◆ ◆ RESERVE FUNDING CALCULATION METHODS ◆ ◆ ◆ ◆

There are two funding methods which can be used to develop a reserve funding plan based on a reserve funding goal/objective: Component Calculation Method and Cash Flow Calculation Method. These calculation methods are described as follows:

Component Calculation Method

This calculation method develops a funding plan for each individual reserve component. The sum of the funding plan for each component equals the total funding plan for the association. This method is often referred to as the “straight line”

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method and is widely believed to be the most conservative reserve funding method. This method structures a funding plan that enables the association to pay all reserve expenditures as they come due, enables the association to achieve the ideal level of reserves in time, and then enables the association to maintain the ideal level of reserves through time. The following is a detailed description of the component calculation method:

Step 1: Calculation of fully funded balance for each component

The fully funded balance is calculated for each component based on its age, useful life and current cost. The actual formula is as follows:

$$\text{Fully Funded Balance} = \frac{\text{Age}}{\text{Useful Life}} \times \text{Current Cost}$$

Step 2: Distribution of current reserve funds

The association's current reserve funds are assigned to (or distributed amongst) the reserve components based on each component's remaining life and fully funded balance as follows:

Pass 1: Components are organized in remaining life order, from least to greatest, and the current reserve funds are assigned to each component up to its fully funded balance, until reserves are exhausted.

Pass 2: If all components are assigned their fully funded balance and additional funds exist, they are assigned in a "second pass." Again, the components are organized in remaining life order, from least to greatest, and the remaining current reserve funds are assigned to each component up to its current cost, until reserves are exhausted.

Pass 3: If all components are assigned their current cost and additional funds exist, they are assigned in a "third pass." Components with a remaining life of zero years are assigned double their current cost.

Distributing, or assigning, the current reserve funds in this manner is the most efficient use of the funds on hand – it defers the make-up period of any underfunded reserves over the lives of the components with the largest remaining lives.

Step 3: Developing a funding plan

After step 2, all components have a "starting" balance. A calculation is made to determine what funding would be required to get from the starting balance to the future cost over the number of years remaining until replacement. The funding plan incorporates the annual contribution increase parameter to develop a "stair stepped" contribution.

For example, if an association needs to accumulate \$100,000 in ten years, \$10,000 could be contributed each year. Alternatively, the association could contribute \$8,723 in the first year and increase the contribution by 3% each year thereafter until the tenth year.

In most cases, this rate should match the inflation parameter. Matching the annual contribution increase parameter to the inflation parameter indicates, in theory, that member contributions should increase at the same rate as the cost of living (inflation parameter). Due to the "time value of money," this creates the most equitable distribution of member contributions through time.

Using an annual contribution increase parameter that is greater than the inflation parameter will reduce the burden to the current membership at the expense of the future membership. Using an annual contribution increase parameter that is less than the inflation parameter will increase the burden to the current membership to the benefit of the future membership. The following chart shows a comparison:

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| | <u>0% Increase</u> | <u>3% Increase</u> | <u>10% Increase</u> |
|---------|---------------------|---------------------|---------------------|
| Year 1 | \$10,000.00 | \$8,723.05 | \$6,274.54 |
| Year 2 | \$10,000.00 | \$8,984.74 | \$6,901.99 |
| Year 3 | \$10,000.00 | \$9,254.28 | \$7,592.19 |
| Year 4 | \$10,000.00 | \$9,531.91 | \$8,351.41 |
| Year 5 | \$10,000.00 | \$9,817.87 | \$9,186.55 |
| Year 6 | \$10,000.00 | \$10,112.41 | \$10,105.21 |
| Year 7 | \$10,000.00 | \$10,415.78 | \$11,115.73 |
| Year 8 | \$10,000.00 | \$10,728.25 | \$12,227.30 |
| Year 9 | \$10,000.00 | \$11,050.10 | \$13,450.03 |
| Year 10 | \$10,000.00 | \$11,381.60 | \$14,795.04 |
| TOTAL | <u>\$100,000.00</u> | <u>\$100,000.00</u> | <u>\$100,000.00</u> |

This parameter is used to develop a funding plan only; it does not mean that the reserve contributions must be raised each year. There are far more significant factors that will contribute to a total reserve contribution increase or decrease from year to year than this parameter.

One of the major benefits of using this calculation method is that for any single component (or group of components), the accumulated balance and reserve funding can be precisely calculated. For example, using this calculation method, the reserve analysis can indicate the exact amount of current reserve funds “in the bank” for the roofs and the amount of money being funded towards the roofs each month. This information is displayed on the Management / Accounting Summary and Charts as well as elsewhere within the report.

The component calculation method is typically used for well-funded associations (greater than 65% funded) with a goal/objective of full funding.

Cash Flow Calculation Method

This calculation method develops a funding plan based on current reserve funds and projected expenditures during a specific timeframe (typically 30 years). This funding method structures a funding plan that enables the association to pay for all reserve expenditures as they come due, but is not necessarily concerned with the ideal level of reserves through time.

This calculation method tests reserve contributions against reserve expenditures through time to determine the minimum contribution necessary (baseline Funding) or some other defined goal/objective (full funding, threshold funding or statutory funding).

Unlike the component calculation method, this calculation method cannot precisely calculate the reserve funding for any single component (or group of components). In order to work-around this issue to provide this bookkeeping information, a formula has been applied to component method results to calculate a reasonable breakdown. This information is displayed on the Management / Accounting Summary and Charts as well as elsewhere within the report.

The cash flow calculation method is typically used for under-funded associations (less than 65% funded) with a goal/objective of full funding, threshold funding, baseline funding or statutory funding.

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◆ ◆ ◆ ◆ READING THE RESERVE ANALYSIS ◆ ◆ ◆ ◆

In some cases, the reserve analysis may be a lengthy document of one hundred pages or more. A complete and thorough review of the reserve analysis is always a good idea. However, if time is limited, it is suggested that a thorough review of the summary pages be made. If a “red flag” is raised in this review, the reader should then check the detail information, of the component in question, for all relevant information. In this section, a description of most of the summary or report sections is provided along with comments regarding what to look for and how to use each section.

Executive Summary

Provides general information about the client, global parameters used in the calculation of the reserve analysis as well as the core results of the reserve analysis.

Client Information

Provides various client information including fiscal year for which the reserve analysis was prepared, number of units, phasing, etc.

Global Parameters

Displays the calculation parameters that were used to calculate the reserve analysis including inflation, annual contribution increase, investment rate, tax rate and contingency.

Community Profile

Provides brief description of the community, as well as other “global” type comments.

Budget

Provides recommended funding for the fiscal year for which the reserve analysis was prepared. Indicates the reserve funding from the membership, anticipated interest contribution and the total contribution

| Sample Homeowners Association Executive Summary Component Calculation Method | | | |
|---|-----------------------|------------------------------|---------------------------|
| Client Information: | | Global Parameters: | |
| Account Number | 99999 | Inflation Rate | 2.00% |
| Version Number | 1 | Annual Contribution Increase | 2.00% |
| Analysis Date | 3/18/2014 | Investment Rate | 1.00% |
| Fiscal Year | 6/1/2014 to 5/31/2015 | Taxes on Investments | 30.00% |
| Number of Units | 187 | Contingency | 3.00% |
| Phasing | 8 of 8 | | |
| Community Profile: | | | |
| This community consists of 187 attached units with private roadways, pool area and extensive landscaped areas. | | | |
| For budgeting purposes, unless otherwise indicated, we have used June 1995 as the average placed-in-service date for aging the original components in this community. | | | |
| ARS site visits: March 1, 2014; January 2011; February 2006; April 2008; March 2005; March 2003; March 2002; April 2001 and March 2000 | | | |
| Adequacy of Reserves as of June 1, 2014: | | | |
| Anticipated Reserve Balance | | \$865,450.00 | |
| Fully Funded Reserve Balance | | \$1,011,228.83 | |
| Percent Funded | | 85.58% | |
| Recommended Funding for the 2014-2015 Fiscal Year: | | | |
| | Annual | Monthly | Per Unit Per Month |
| Member Contribution | \$110,659 | \$9,221.58 | \$55.22 |
| Interest Contribution | \$5,977 | \$498.09 | \$2.98 |
| Total Contribution | \$116,636 | \$9,719.66 | \$58.20 |
| 3.18.2014(1) 1 ADVANCED RESERVE SOLUTIONS, INC. | | | |

Adequacy of Reserves

Displays the results of calculations with regard to the “health” of the reserve fund as of the beginning of the fiscal year for which the reserve analysis was prepared. Provides the anticipated reserve balance, fully funded reserve balance and the percent funded.

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Calculation of percent funded

Summary displays all reserve components, shown here in “category” order. Provides the remaining life, useful life, current cost and the fully funded balance at the beginning of the fiscal year for which the reserve analysis was prepared.

Reserve Components
All components are displayed (shown here in “category” order).

Lifespans
Remaining life and useful life are displayed. And, these columns are conveniently sub totaled to show range.

Sample Homeowners Association
Calculation of Percent Funded
Sorted by Category

| | Remaining Life | Useful Life | Current Cost | Fully Funded Balance |
|--|----------------|-------------|---------------------|----------------------|
| 010 Streets | | | | |
| Streets - Asphalt, Overlay / Major Rehab | 8 | 27 | \$101,867.50 | \$71,564.91 |
| Streets - Asphalt, Repair | 0 | 4 | \$3,621.75 | \$3,621.75 |
| Streets - Asphalt, Seal Coat | 0 | 4 | \$5,926.50 | \$5,926.50 |
| Streets - Concrete, Unfunded | n.a. | n.a. | \$0.00 | \$0.00 |
| Sub Total | 0-8 | 4-27 | \$111,245.75 | \$81,113.16 |
| 020 Roofs | | | | |
| Roofs - Tile | | | | |
| Sub Total | | | | |
| 030 Painting | | | | |
| Painting - Cabana Interior | | | | |
| Painting - Red Curbs | | | | |
| Painting - Stucco | | | | |
| Painting - Woodwork & Trim | | | | |
| Painting - Wrought Iron, Buildings | | | | |
| Painting - Wrought Iron, Pool Area | | | | |
| Sub Total | | | | |
| 040 Fencing | | | | |
| Fencing - Wrought Iron, Pool Area | | | | |
| Railing - Wrought Iron, Buildings | | | | |
| Sub Total | | | | |
| 050 Lighting | | | | |
| Lighting - Buildings | | | | |
| Lighting - Grounds | | | | |
| Sub Total | | | | |
| 060 Pool Area | | | | |
| Cabana - Ceramic Tile | | | | |
| Cabana - Doors | | | | |
| Cabana - Plumbing Fixtures | | | | |
| Cabana - Restroom Partitions | | | | |
| Cabana - Water Heater | | | | |
| Pool - Filter | | | | |
| Pool - Heater | | | | |
| Pool - Replaster & Tile Replace | | | | |
| Pool Area - Barbecues | | | | |
| Sub Total | | | | |

Sample Homeowners Association
Calculation of Percent Funded
Sorted by Category

| | Remaining Life | Useful Life | Current Cost | Fully Funded Balance |
|-------------------------------------|----------------|--------------|-----------------------|-----------------------|
| Pool Area - Ceramic Tile | 2 | 21 | \$8,591.63 | \$7,773.38 |
| Pool Area - Concrete Deck, Unfunded | n.a. | n.a. | \$0.00 | \$0.00 |
| Pool Area - Furniture (Refurbish) | 0 | 12 | \$9,255.00 | \$9,255.00 |
| Pool Area - Furniture (Replace) | 6 | 25 | \$17,315.00 | \$13,159.40 |
| Pool Area - Mastic | 0 | 4 | \$5,131.50 | \$5,131.50 |
| Spa - Filter | 0 | 13 | \$1,350.00 | \$1,350.00 |
| Spa - Heater | 0 | 10 | \$3,050.00 | \$3,050.00 |
| Spa - Replaster & Tile Replace | 3 | 8 | \$5,250.00 | \$3,126.40 |
| Sub Total | 0-6 | 4-25 | \$91,747.38 | \$71,964.53 |
| 070 Decks | | | | |
| Decks - Clean & Top Coat | 2 | 5 | \$30,480.00 | \$18,288.00 |
| Decks - Resurface | 2 | 13 | \$65,227.20 | \$54,720.81 |
| Sub Total | 2 | 5-13 | \$95,707.20 | \$73,008.81 |
| 080 Misc (Buildings) | | | | |
| Fire Extinguisher Cabinets | 2 | 21 | \$27,825.00 | \$24,804.05 |
| Utility Closet Doors | 2 | 21 | \$73,900.00 | \$69,861.00 |
| Sub Total | 2 | 21 | \$101,525.00 | \$91,855.95 |
| 090 Misc (Grounds) | | | | |
| Landscape - Irrigation Controllers | 0 | 12 | \$29,000.00 | \$29,000.00 |
| Landscape - Renovation, Unfunded | n.a. | n.a. | \$0.00 | \$0.00 |
| Mailboxes | 2 | 21 | \$37,200.00 | \$33,857.14 |
| Sub Total | 0-2 | 12-21 | \$66,200.00 | \$62,657.14 |
| 100 Termite Control | | | | |
| Termite Control | n.a. | n.a. | \$0.00 | \$100,000.00 |
| Sub Total | n.a. | n.a. | \$0.00 | \$100,000.00 |
| Contingency | n.a. | n.a. | n.a. | \$29,453.27 |
| Total | 0-11 | 2-30 | \$1,001,533.70 | \$1,011,228.83 |
| Anticipated Reserve Balance | | | | \$85,450.00 |
| Percent Funded | | | | 85.58% |

Current Cost
Displays the current cost to replace or otherwise maintain each component. This column is conveniently sub totaled.

Fully Funded Balance
Displays the fully funded balance for each component. This column is conveniently sub totaled.

The total current cost to replace or otherwise maintain all components, total fully funded balance, anticipated reserve balance and percent funded are provided at the bottom of this summary. Also shown is the range of reserve component remaining lives and useful lives.

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Management / Accounting Summary and Charts

Summary displays all reserve components, shown here in “category” order. Provides the assigned reserve funds at the beginning of the fiscal year for which the reserve analysis was prepared along with the monthly member contribution, interest contribution and total contribution for each component and category. Pie charts show graphically how the total reserve fund is distributed amongst the reserve component categories and how each category is funded on a monthly basis.

Balance at FYB
Shows the amount of reserve funds assigned to each reserve component. And, this column is conveniently sub totaled.

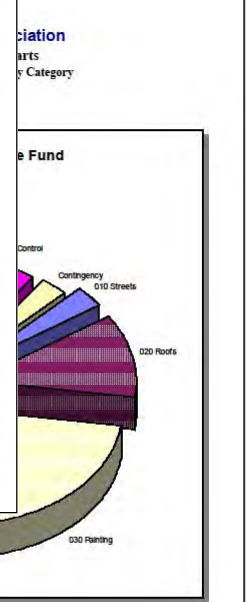
Sample Homeowners Association
Management / Accounting Summary
Component Calculation Method; Sorted by Category

| | Balance at Fiscal Year Beginning | Monthly Member Contribution | Monthly Interest Contribution | Total Monthly Contribution |
|--|----------------------------------|-----------------------------|-------------------------------|----------------------------|
| 010 Streets | | | | |
| Streets - Asphalt, Overlay / Major Rehab | \$17,637.90 | \$948.09 | \$13.37 | \$983.07 |
| Streets - Asphalt, Repair | \$3,021.75 | \$78.20 | \$0.25 | \$78.45 |
| Streets - Asphalt, Seal Coat | \$5,026.50 | \$127.96 | \$0.41 | \$128.37 |
| Streets - Concrete, Unfunded | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Sub Total | \$27,186.15 | \$1,155.84 | \$14.04 | \$1,169.88 |
| 020 Roofs | | | | |
| Roofs - Tile | | | | |
| Sub Total | | | | |
| 030 Painting | | | | |
| Painting - Cabana Interior | | | | |
| Painting - Red Curbs | | | | |
| Painting - Stucco | | | | |
| Painting - Woodwork & Trim | | | | |
| Painting - Wrought Iron, Buildings | | | | |
| Painting - Wrought Iron, Pool Area | | | | |
| Sub Total | | | | |
| 040 Fencing | | | | |
| Fencing - Wrought Iron, Pool Area | | | | |
| Railing - Wrought Iron, Buildings | | | | |
| Sub Total | | | | |
| 050 Lighting | | | | |
| Lighting - Buildings | | | | |
| Lighting - Grounds | | | | |
| Sub Total | | | | |
| 060 Pool Area | | | | |
| Cabana - Ceramic Tile | | | | |
| Cabana - Doors | | | | |
| Cabana - Plumbing Fixtures | | | | |
| Cabana - Restroom Partitions | | | | |
| Cabana - Water Heater | | | | |
| Pool - Filter | | | | |

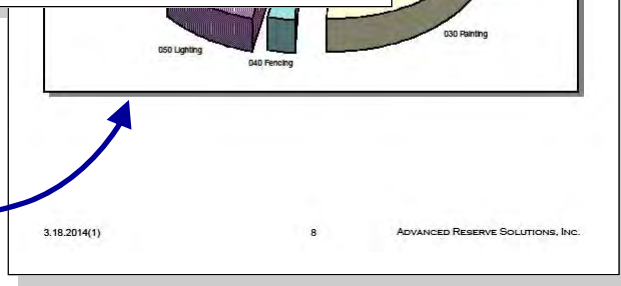
Sample Homeowners Association
Management / Accounting Summary
Component Calculation Method; Sorted by Category

| | Balance at Fiscal Year Beginning | Monthly Member Contribution | Monthly Interest Contribution | Total Monthly Contribution |
|-------------------------------------|----------------------------------|-----------------------------|-------------------------------|----------------------------|
| Pool - Heater | \$3,250.00 | \$24.60 | \$0.08 | \$24.68 |
| Pool - Replaster & Tile Replace | \$7,070.58 | \$146.76 | \$4.61 | \$151.37 |
| Pool Area - Barbecues | \$1,010.00 | \$29.98 | \$0.69 | \$30.67 |
| Pool Area - Ceramic Tile | \$7,773.38 | \$43.27 | \$4.69 | \$47.95 |
| Pool Area - Concrete Deck, Unfunded | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Pool Area - Furniture (Refurbish) | \$0,255.00 | \$70.05 | \$0.23 | \$70.27 |
| Pool Area - Furniture (Replace) | \$13,159.40 | \$74.76 | \$7.94 | \$82.70 |
| Pool Area - Mastic | \$5,131.50 | \$110.79 | \$0.36 | \$111.15 |
| Spa - Filter | \$1,350.00 | \$12.11 | \$0.04 | \$12.15 |
| Spa - Heater | \$2,600.00 | \$27.38 | \$0.09 | \$27.44 |
| Spa - Replaster & Tile Replace | \$3,126.40 | \$64.12 | \$2.04 | \$66.15 |
| Sub Total | \$71,964.53 | \$710.19 | \$30.10 | \$740.28 |
| 070 Decks | | | | |
| Decks - Clean & Top Coat | \$18,288.00 | \$539.52 | \$12.44 | \$551.96 |
| Decks - Resurfacing | \$54,720.81 | \$606.93 | \$33.05 | \$640.58 |
| Sub Total | \$73,008.81 | \$1,046.45 | \$46.09 | \$1,092.54 |
| 080 Misc (Buildings) | | | | |
| Fire Extinguisher Cabinets | \$24,094.05 | \$130.11 | \$15.07 | \$154.19 |
| Utility Closet Doors | \$66,891.60 | \$372.15 | \$40.32 | \$412.47 |
| Sub Total | \$91,855.95 | \$511.26 | \$55.40 | \$566.86 |
| 090 Misc (Grounds) | | | | |
| Landscape - Irrigation Controllers | \$20,000.00 | \$219.48 | \$0.71 | \$220.19 |
| Landscape - Renovation, Unfunded | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Mailboxes | \$33,657.14 | \$187.33 | \$20.30 | \$207.63 |
| Sub Total | \$62,657.14 | \$406.82 | \$21.00 | \$427.82 |
| 100 Termite Control | | | | |
| Termite Control | \$100,000.00 | \$0.00 | \$58.52 | \$58.52 |
| Sub Total | \$100,000.00 | \$0.00 | \$58.52 | \$58.52 |
| Contingency | \$25,207.28 | \$268.59 | \$15.81 | \$284.20 |
| Total | \$865,450.00 | \$3,221.58 | \$498.09 | \$9,719.66 |

Monthly Funding
Displays the monthly funding for each component from the members and interest. Total monthly funding is also indicated. And, these columns are conveniently sub totaled.



Pie Charts
Show graphically how the reserve fund is distributed amongst the reserve components and how the components are funded.



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Projections and Charts

Summary displays projections of beginning reserve balance, member contribution, interest contribution, expenditures and ending reserve balance for each year of the projection period (shown here for 30 years). The two columns on the right-hand side provide the fully funded ending balance and the percent funded for each year. Charts show the same information in an easy-to-understand graphic format.

**Sample Homeowners Association
Projections**
Component Calculation Method

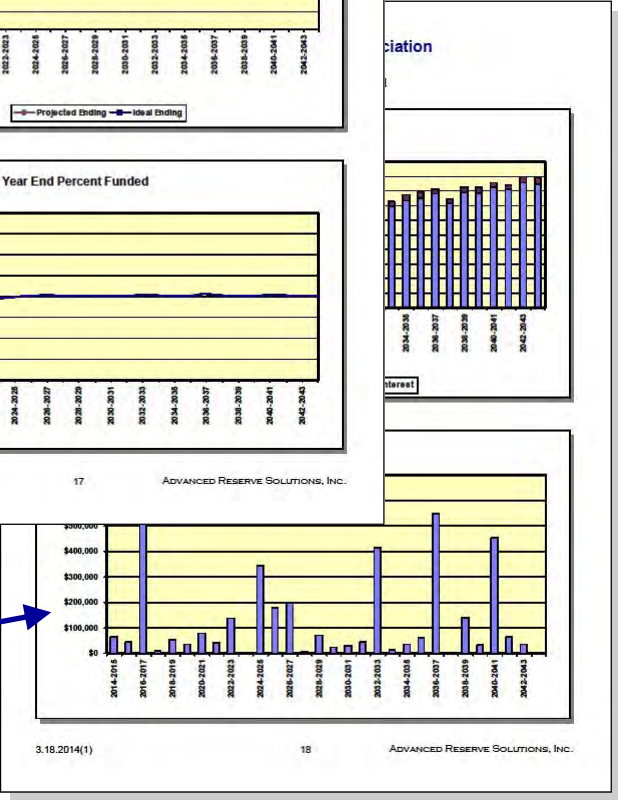
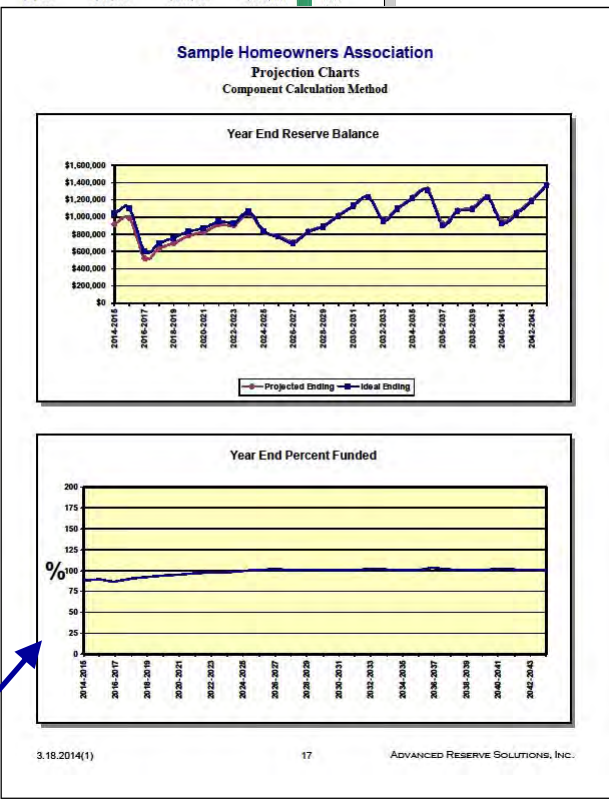
| Fiscal Year | Beginning Balance | Member Contribution | Interest Contribution | Expenditures | Ending Balance | Fully Funded Ending Balance | Percent Funded |
|-------------|-------------------|---------------------|-----------------------|--------------|----------------|-----------------------------|----------------|
| 2014-2015 | \$865,450 | \$110,659 | \$5,977 | \$54,980 | \$917,106 | \$1,046,139 | 88% |
| 2015-2016 | \$917,106 | \$111,857 | \$6,482 | \$45,317 | \$990,127 | \$1,104,068 | 90% |
| 2016-2017 | \$990,127 | \$118,806 | \$3,175 | \$501,549 | \$518,559 | \$598,939 | 87% |
| 2017-2018 | \$518,559 | \$115,807 | \$3,960 | \$7,715 | \$630,610 | \$698,915 | 90% |
| 2018-2019 | \$630,610 | \$116,508 | \$4,431 | \$52,973 | \$968,577 | \$755,512 | 94% |
| 2019-2020 | \$968,577 | \$116,723 | \$5,037 | \$34,761 | \$785,576 | \$834,243 | 94% |
| 2020-2021 | \$785,576 | \$118,645 | \$5,331 | \$80,731 | \$828,821 | \$898,170 | 92% |
| 2021-2022 | \$828,821 | \$121,026 | \$5,925 | \$40,530 | \$915,241 | \$948,147 | 96% |
| 2022-2023 | \$915,241 | \$123,506 | | | | | |
| 2023-2024 | \$907,080 | \$125,898 | | | | | |
| 2024-2025 | \$1,037,322 | \$128,436 | | | | | |
| 2025-2026 | \$825,894 | \$127,755 | | | | | |
| 2026-2027 | \$780,089 | \$125,648 | | | | | |
| 2027-2028 | \$713,358 | \$119,373 | | | | | |
| 2028-2029 | \$631,897 | \$131,689 | | | | | |
| 2029-2030 | \$696,194 | \$131,038 | | | | | |
| 2030-2031 | \$1,013,798 | \$137,575 | | | | | |
| 2031-2032 | \$1,130,818 | \$141,510 | | | | | |
| 2032-2033 | \$1,237,543 | \$143,162 | | | | | |
| 2033-2034 | \$973,396 | \$138,591 | | | | | |
| 2034-2035 | \$1,104,489 | \$147,134 | | | | | |
| 2035-2036 | \$1,222,966 | \$149,242 | | | | | |
| 2036-2037 | \$1,317,743 | \$155,808 | | | | | |
| 2037-2038 | \$629,828 | \$142,179 | | | | | |
| 2038-2039 | \$1,078,962 | \$157,913 | | | | | |
| 2039-2040 | \$1,102,377 | \$157,111 | | | | | |
| 2040-2041 | \$1,234,892 | \$165,390 | | | | | |
| 2041-2042 | \$652,393 | \$161,588 | | | | | |
| 2042-2043 | \$1,056,301 | \$171,747 | | | | | |
| 2043-2044 | \$1,200,105 | \$169,289 | | | | | |

NOTE: In some cases, the projected Ending Balance Expenditures. This is a result of the provision of contingency is continually adjusted according to

3.18.2014(1)

Improved format makes the numbers as easy to read and understand as possible. The color-coded bar indicates the reserve fund status:

Green: Good
Yellow: Fair
Red: Poor



Charts
Show graphically the reserve funding plan through time.

Preface

Component Detail

Summary provides detailed information about each reserve component. These pages display all information about each reserve component as well as comments from site observations and historical information regarding replacement or other maintenance.

Lifespan Information

Displays placed-in-service date, useful life, remaining life and replacement year.

Cost Information

Displays quantity, unit cost, percentage of replacement, current cost and future cost.

Calculation Results

Displays assigned reserves and funding requirements.

Sample Homeowners Association Component Detail
Component Calculation Method; Sorted by Category

Streets - Asphalt, Seal Coat

| | | | |
|-------------------|--------------|-------------------------------|----------------|
| Category | 010 Streets | Quantity | 65,860 sq. ft. |
| Photo Date | January 2011 | Unit Cost | \$0.090 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$5,928.50 |
| | | Future Cost | \$6,415.03 |
| Placed In Service | 11/09 | Assigned Reserves at FYB | \$5,928.50 |
| Useful Life | 4 | Monthly Member Contribution | \$127.96 |
| Remaining Life | 0 | Monthly Interest Contribution | \$0.41 |
| Replacement Year | 2014-2015 | Total Monthly Contribution | \$128.37 |

Comments:

The association seal coated and restriped for \$3,737. The association repaired, seal coated total cost of \$5,975. The association seal coated November 2006 for a total cost of \$8,000.

The current cost used for this component is adjusted for inflation where applicable.

Asphalt surfaces should be seal coated on

3.18.2014(1)

Sample Homeowners Association Component Detail
Component Calculation Method; Sorted by Category

Painting - Woodwork & Trim

| | | | |
|-------------------|--------------|-------------------------------|----------------|
| Category | 030 Painting | Quantity | 31,575 sq. ft. |
| Photo Date | January 2011 | Unit Cost | \$0.920 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$28,048.00 |
| | | Future Cost | \$30,222.58 |
| Placed In Service | 06/12 | Assigned Reserves at FYB | \$14,524.50 |
| Useful Life | 4 | Monthly Member Contribution | \$834.91 |
| Remaining Life | 2 | Monthly Interest Contribution | \$10.54 |
| Replacement Year | 2016-2017 | Total Monthly Contribution | \$855.95 |

Comments:

The association painted the woodwork and between July and November 2000 for a total cost of \$28,048. The association was in the process of painting the cabana interior (excluded) for a total cost of \$3,174.58 by the end of the year.

The current cost used for this component is adjusted for inflation where applicable.

For budgeting purposes, we have used the component.

The inventory for this component has been March 2000 site visit, we believe this inventory is accurate.

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Sample Homeowners Association Component Detail
Component Calculation Method; Sorted by Category

Pool - Replaster & Tile Replace

| | | | |
|-------------------|---------------|-------------------------------|--------------|
| Category | 060 Pool Area | Quantity | 1 pool |
| Photo Date | January 2011 | Unit Cost | \$15,075.000 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$15,075.00 |
| | | Future Cost | \$16,844.02 |
| Placed In Service | 01/10 | Assigned Reserves at FYB | \$7,070.58 |
| Useful Life | 10 | Monthly Member Contribution | \$146.78 |
| Remaining Life | 5 | Monthly Interest Contribution | \$4.61 |
| Replacement Year | 2019-2020 | Total Monthly Contribution | \$151.37 |

Comments:

The pool and spa were replastered in March 2000 for a total cost of approximately \$8,700. The association acid washed the pool in June 2002 for a total cost of \$675. The association replastered the pool and spa (including replacement of the mastic directly adjacent to the pool and spa) in January 2010 for a total cost of \$16,900.

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1,020 sq. ft. of replastering @ \$12.50 = \$12,750.00
 135 lin. ft. of trim tile @ \$15.00 = \$2,025.00
 25 lin. ft. of step tile @ \$12.00 = \$300.00
 TOTAL = \$15,075.00

Comments

Useful information from site observations and historical expenses included here.

Photos

Optional inclusion of photos adds an additional layer of detail the reserve analysis.

Preface

◆ ◆ ◆ ◆ GLOSSARY OF KEY TERMS ◆ ◆ ◆ ◆

Annual Contribution Increase Parameter

The rate used in the calculation of the funding plan. This rate is used on an annual compounding basis. This rate represents, in theory, the rate the association expects to increase contributions each year.

In most cases, this rate should match the inflation parameter. Matching the annual contribution increase parameter to the inflation parameter indicates, in theory, that member contributions should increase at the same rate as the cost of living (inflation parameter). Due to the “time value of money,” this creates the most equitable distribution of member contributions through time.

This parameter is used to develop a funding plan only; it does not mean that the reserve contributions must be raised each year. There are far more significant factors that will contribute to a total reserve contribution increase or decrease from year to year than this parameter. See the description of “reserve funding calculation methods” in this preface for more detail on this parameter.

Anticipated Reserve Balance (or Reserve Funds)

The amount of money, as of a certain point in time, held by the association to be used for the repair or replacement of reserve components. This figure is “anticipated” because it is calculated based on the most current financial information available as of the analysis date, which is almost always prior to the fiscal year beginning date for which the reserve analysis is prepared.

Assigned Funds (and “Fixed” Assigned Funds)

The amount of money, as of the fiscal year beginning date for which the reserve analysis is prepared, that a reserve component has been assigned.

The assigned funds are considered “fixed” when the normal calculation process is bypassed and a specific amount of money is assigned to a reserve component. For example, if the normal calculation process assigns \$10,000 to the roofs, but the association would like to show \$20,000 assigned to roofs, “fixed” funds of \$20,000 can be assigned.

Cash Flow Calculation Method

Reserve funding calculation method developed based on total annual expenditures. A more detailed description of the actual calculation process is included in the “reserve funding calculation methods” section of the preface.

Component Calculation Method

Reserve funding calculation method developed based on each individual component. A more detailed description of the actual calculation process is included in the “reserve funding calculation methods” section of the preface.

Contingency Parameter

The rate used as a built-in buffer in the calculation of the funding plan. This rate will assign a percentage of the reserve funds, as of the fiscal year beginning, as contingency funds and will also determine the level of funding toward the contingency each month.

Current Replacement Cost

The amount of money, as of the fiscal year beginning date for which the reserve analysis is prepared, that a reserve component is expected to cost to replace.

Fiscal Year

Indicates the budget year for the association for which the reserve analysis was prepared. The fiscal year beginning (FYB) is the first day of the budget year; the fiscal year end (FYE) is the last day of the budget year.

Fully Funded Reserve Balance (or Ideal Reserves)

The amount of money that should theoretically have accumulated in the reserve fund as of a certain point in time. Fully funded reserves are calculated for each reserve component based on the current replacement cost, age and useful life:

Preface

$$\text{Fully Funded Reserves} = \frac{\text{Age}}{\text{Useful Life}} \times \text{Current Replacement Cost}$$

The fully funded reserve balance is the sum of the fully funded reserves for each reserve component.

An association that has accumulated the fully funded reserve balance does not have all of the funds necessary to replace all of its reserve components immediately; it has the proportionately appropriate reserve funds for the reserve components it maintains, based on each component's current replacement cost, age and useful life.

Future Replacement Cost

The amount of money, as of the fiscal year during which replacement of a reserve component is scheduled, that a reserve component is expected to cost to replace. This cost is calculated using the current replacement cost compounded annually by the inflation parameter.

Global Parameters

The financial parameters used to calculate the reserve analysis. See also "inflation parameter," "annual contribution increase parameter," "investment rate parameter" and "taxes on investments parameter."

Inflation Parameter

The rate used in the calculation of future costs for reserve components. This rate is used on an annual compounding basis. This rate represents the rate the association expects to the cost of goods and services relating to their reserve components to increase each year.

Interest Contribution

The amount of money contributed to the reserve fund by the interest earned on the reserve fund and member contributions.

Investment Rate Parameter

The gross rate used in the calculation of interest contribution (interest earned) from the reserve balance and member contributions. This rate (net of the taxes on investments parameter) is used on a monthly compounding basis. This parameter represents the weighted average interest rate the association expects to earn on their reserve fund investments.

Membership Contribution

The amount of money contributed to the reserve fund by the association's membership.

Monthly Contribution (and "Fixed" Monthly Contribution)

The amount of money, for the fiscal year which the reserve analysis is prepared, that a reserve component will be funded.

The monthly contribution is considered "fixed" when the normal calculation process is bypassed and a specific amount of money is funded to a reserve component. For example, if the normal calculation process funds \$1,000 to the roofs each month, but the association would like to show \$500 funded to roofs each month, a "fixed" contribution of \$500 can be assigned.

Number of Units (or other assessment basis)

Indicates the number of units for which the reserve analysis was prepared. In "phased" developments (see phasing), this number represents the number of units, and corresponding common area components, that existed as of a certain point in time.

For some associations, assessments and reserve contributions are based on a unit of measure other than the number of units. Examples include time-interval weeks for timeshare resorts or lot acreage for commercial/industrial developments.

Preface

One-Time Replacement

Used for components that will be budgeted for only once.

Percent Funded

A measure, expressed as a percentage, of the association's reserve fund "health" as of a certain point in time. This number is the ratio of the anticipated reserve fund balance to the fully funded reserve balance:

$$\text{Percent Funded} = \frac{\text{Anticipated Reserve Fund Balance}}{\text{Fully Funded Reserve Balance}}$$

An association that is 100% funded does not have all of the reserve funds necessary to replace all of its reserve components immediately; it has the proportionately appropriate reserve funds for the reserve components it maintains, based on each component's current replacement cost, age and useful life.

Percentage of Replacement

The percentage of the reserve component that is expected to be replaced.

For most reserve components, this percentage should be 100%. In some cases, this percentage may be more or less than 100%. For example, fencing which is shared with a neighboring community may be set at 50%.

Phasing

Indicates the number of phases for which the reserve analysis was prepared and the total number of phases expected at build-out (i.e. Phase 4 of 7). In phased developments, the first number represents the number of phases, and corresponding common area components, that existed as of a certain point in time. The second number represents the number of phases that are expected to exist at build-out.

Placed-In-Service Date

The date (month and year) that the reserve component was originally put into service or last replaced.

Remaining Life

The length of time, in years, until a reserve component is scheduled to be replaced.

Remaining Life Adjustment

The length of time, in years, that a reserve component is expected to last in excess (or deficiency) of its useful life for the current cycle of replacement.

If the current cycle of replacement for a reserve component is expected to be greater than or less than the "normal" life expectancy, the reserve component's life should be adjusted using a remaining life adjustment.

For example, if wood trim is painted normally on a 4 year cycle, the useful life should be 4 years. However, when it comes time to paint the wood trim and it is determined that it can be deferred for an additional year, the useful life should remain at 4 years and a remaining life adjustment of +1 year should be used.

Replacement Year

The fiscal year that a reserve component is scheduled to be replaced.

Reserve Components

Line items included in the reserve analysis.

Taxes on Investments Parameter

The rate used to offset the investment rate parameter in the calculation of the interest contribution. This parameter represents the marginal tax rate the association expects to pay on interest earned by the reserve funds and member contributions.

Preface

Total Contribution

The sum of the membership contribution and interest contribution.

Useful Life

The length of time, in years, that a reserve component is expected to last each time it is replaced. See also “remaining life adjustment.”

◆ ◆ ◆ ◆ LIMITATIONS OF RESERVE ANALYSIS ◆ ◆ ◆ ◆

This reserve analysis is intended as a tool for the association’s Board of Directors to be used in evaluating the association’s current physical and financial condition with regard to reserve components. The results of this reserve analysis represent the independent opinion of the preparer. There is no implied warranty or guarantee of this work product.

For the purposes of this reserve analysis, it has been assumed that all components have been installed properly, no construction defects exist and all components are operational. Additionally, it has been assumed that all components will be maintained properly in the future.

The representations set forth in this reserve analysis are based on the best information and estimates of the preparer as of the date of this analysis. These estimates are subject to change. This reserve analysis includes estimates of replacement costs and life expectancies as well as assumptions regarding future events. Some estimates are projections of future events based on information currently available and are not necessarily indicative of the actual future outcome. The longer the time period between the estimate and the estimated event, the more likely the possibility of error and/or discrepancy. For example, some assumptions inevitably will not materialize and unanticipated events and circumstances may occur subsequent to the preparation of this reserve analysis. Therefore, the actual replacement costs and remaining lives may vary from this reserve analysis and the variation may be significant. Additionally, inflation and other economic events may impact this reserve analysis, particularly over an extended period of time and those events could have a significant and negative impact on the accuracy of this reserve analysis and, further, the funds available to meet the association’s obligation for repair, replacement or other maintenance of major components during their estimated useful life. Furthermore, the occurrence of vandalism, severe weather conditions, earthquakes, floods, acts of nature or other unforeseen events cannot be predicted and/or accounted for and excluded when assessing life expectancy, repair and/or replacement costs of the components.

Sample Townhomes Association

Executive Summary

Directed Cash Flow Calculation Method

Client Information:

| | |
|-----------------|------------------------|
| Account Number | 80649 |
| Version Number | 1 |
| Analysis Date | 02/09/2017 |
| Fiscal Year | 1/1/2017 to 12/31/2017 |
| Number of Units | 10 |
| Phasing | 1 of 1 |

Global Parameters:

| | |
|------------------------------|---------|
| Inflation Rate | 2.00 % |
| Annual Contribution Increase | 2.00 % |
| Investment Rate | 0.20 % |
| Taxes on Investments | 30.00 % |
| Contingency | 2.00 % |

Community Profile:

Sample Townhomes Association is a 10 unit association comprised of 2 buildings with common areas that include but are not limited to; roofs, exterior painting, decks, hot tub and common area parking.

This community was built in 1982. For budgeting purposes, unless otherwise indicated, we have used January 1982 as the average placed in service date for aging the original components included in this analysis.

ARS, Inc. field inspection conducted; December 30, 2016.

Adequacy of Reserves as of January 1, 2017:

| | |
|------------------------------|---------------------|
| Anticipated Reserve Balance | \$70,107.00 |
| Fully Funded Reserve Balance | \$142,152.57 |
| Percent Funded | 49.32% |

| Recommended Funding for the 2017 Fiscal Year: | Annual | Monthly | Per Unit |
|---|-----------------|-------------------|-----------------|
| | | | Per Month |
| Member Contribution | \$26,500 | \$2,208.33 | \$220.83 |
| Interest Contribution | \$115 | \$9.60 | \$0.96 |
| Total Contribution | \$26,615 | \$2,217.94 | \$221.79 |

Sample Townhomes Association

Preparer's Disclosure Statement

THIS RESERVE ANALYSIS REFLECTS THE COMPONENTS AS THEY WERE INTENDED TO HAVE BEEN DESIGNED AND CONSTRUCTED. THIS ANALYSIS DOES NOT INCLUDE ANY EXPENDITURES ANTICIPATED FOR REPAIRS REQUIRED DUE TO DEFECTIVE CONDITIONS.

In April 2011, Richard Hirschman was awarded the Reserve Specialist (RS) designation from Community Associations Institute (CAI). Mr. Hirschman was the two hundredth twenty first (#221) person in the United States to receive this professional designation.

The RS designation was developed by CAI for professional reserve analysts who wish to confirm to their peers and/or clients that they have demonstrated a basic level of competency within the industry. The RS designation is awarded to reserve analysts who are dedicated to the highest standards of professionalism and reserve analysis preparation.

Consultant certifies that:

- 1) Consultant has no other involvement with association which could result in actual or perceived conflicts of interest.
- 2) Consultant made field inspection of community on December 30, 2016. Component inventories were developed by actual field inventory, representative sampling, take-offs of scaled plans, provided by the association's previous reserve analysis prepared by another firm or provided by the association.
Component conditional assessments were developed by actual field observation and representative sampling.
- 3) Financial assumptions used in this analysis are listed on the Executive Summary and further explained in the Preface of this report.
- 4) Consultant is a Reserve Specialist (RS) designee.
- 5) The original analysis was an update of a previous reserve analysis prepared by another firm ("other firm's previous reserve analysis"). While a site inspection was performed during the preparation of this analysis, it is still dependent in many respects on the validity of the other firm's previous reserve analysis.
- 6) There are no material issues known to consultant at this time which would cause a distortion of the association's situation.

Sample Townhomes Association

Calculation of Percent Funded

Sorted by Category

| | Remaining Life | Useful Life | Current Cost | Fully Funded Balance |
|--|-------------------|----------------|--------------------|----------------------------|
| <u>010 Streets & Parking</u> | | | | |
| Streets & Parking - Asphalt, Overlay / Major Rehab | 5 | 20 | \$21,218.75 | \$15,914.06 |
| Streets & Parking - Asphalt, Repair | 1 | 4 | \$1,576.25 | \$1,182.19 |
| Streets & Parking - Asphalt, Seal Coat | 1 | 4 | \$2,910.00 | \$2,182.50 |
| Sub Total | 1-5 | 4-20 | \$25,705.00 | \$19,278.75 |
| <u>015 Concrete</u> | | | | |
| Concrete - Unfunded | n.a. | n.a. | \$0.00 | \$0.00 |
| Sub Total | n.a. | n.a. | \$0.00 | \$0.00 |
| <u>020 Roofs</u> | | | | |
| Roofs - Metal, Unfunded | n.a. | n.a. | \$0.00 | \$0.00 |
| Sub Total | n.a. | n.a. | \$0.00 | \$0.00 |
| <u>025 Painting</u> | | | | |
| Painting - Metal Railings | 6 | 7 | \$6,500.00 | \$928.57 |
| Painting - Metal Roof | 5 | 7 | \$58,750.00 | \$16,785.71 |
| Painting - Wood Decks Resurface | 3 | 7 | \$6,020.00 | \$3,440.00 |
| Painting - Woodwork | 3 | 7 | \$22,312.50 | \$12,750.00 |
| Sub Total | 3-6 | 7 | \$93,582.50 | \$33,904.29 |
| <u>030 Fencing</u> | | | | |
| Fencing - Wood, Unfunded | n.a. | n.a. | \$0.00 | \$0.00 |
| Sub Total | n.a. | n.a. | \$0.00 | \$0.00 |
| <u>035 Railings</u> | | | | |
| Railings - Metal | 27 | 28 | \$41,300.00 | \$1,475.00 |
| Sub Total | 27 | 28 | \$41,300.00 | \$1,475.00 |
| <u>040 Lighting</u> | | | | |
| Lighting - Exterior, Unfunded | n.a. | n.a. | \$0.00 | \$0.00 |
| Sub Total | n.a. | n.a. | \$0.00 | \$0.00 |
| <u>045 Stairs</u> | | | | |
| Stairs - Metal, Unfunded | n.a. | n.a. | \$0.00 | \$0.00 |
| Sub Total | n.a. | n.a. | \$0.00 | \$0.00 |
| <u>050 Garage Doors</u> | | | | |
| Garage Doors | 9 | 44 | \$15,000.00 | \$11,931.82 |
| Sub Total | 9 | 44 | \$15,000.00 | \$11,931.82 |

Sample Townhomes Association

Calculation of Percent Funded

Sorted by Category

| | Remaining Life | Useful Life | Current Cost | Fully Funded Balance |
|-------------------------------------|-------------------|----------------|---------------------|----------------------------|
| <u>055 Siding</u> | | | | |
| Siding - Wood, Unfunded | n.a. | n.a. | \$0.00 | \$0.00 |
| Sub Total | n.a. | n.a. | \$0.00 | \$0.00 |
| <u>060 Equipment</u> | | | | |
| Equipment - Irrigation Controller | 3 | 14 | \$1,500.00 | \$1,178.57 |
| Sub Total | 3 | 14 | \$1,500.00 | \$1,178.57 |
| <u>065 Grounds</u> | | | | |
| Grounds - Retaining Walls, Unfunded | n.a. | n.a. | \$0.00 | \$0.00 |
| Grounds - Spa, Acrylic | 3 | 38 | \$6,500.00 | \$5,986.84 |
| Grounds - Trash Enclosure | 18 | 25 | \$7,500.00 | \$2,100.00 |
| Sub Total | 3-18 | 25-38 | \$14,000.00 | \$8,086.84 |
| <u>070 Decks</u> | | | | |
| Decks - Synthetic | 24 | 40 | \$76,000.00 | \$30,400.00 |
| Decks - Wood | 5 | 40 | \$37,840.00 | \$33,110.00 |
| Sub Total | 5-24 | 40 | \$113,840.00 | \$63,510.00 |
| Contingency | n.a. | n.a. | n.a. | \$2,787.31 |
| Total | 1-27 | 4-44 | \$304,927.50 | \$142,152.57 |
| Anticipated Reserve Balance | | | | \$70,107.00 |
| Percent Funded | | | | 49.32% |

Sample Townhomes Association
Management / Accounting Summary
Directed Cash Flow Calculation Method; Sorted by Category

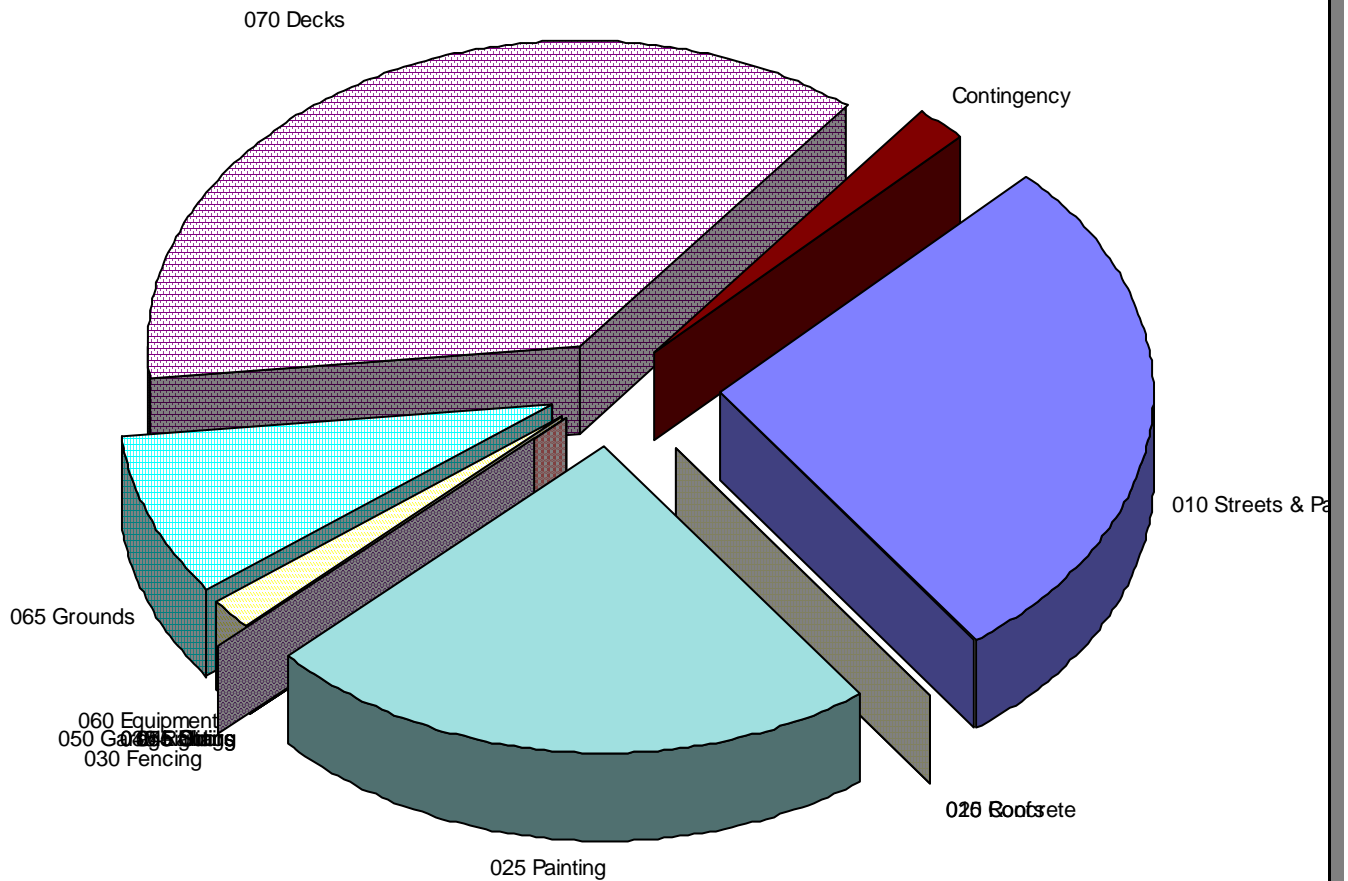
| | Balance at Fiscal Year Beginning | Monthly Member Contribution | Monthly Interest Contribution | Total Monthly Contribution |
|--|---|--|--|---|
| <u>010 Streets & Parking</u> | | | | |
| Streets & Parking - Asphalt, Overlay / Major Reh | \$15,914.06 | \$94.92 | \$1.86 | \$96.78 |
| Streets & Parking - Asphalt, Repair | \$1,182.19 | \$28.37 | \$0.15 | \$28.52 |
| Streets & Parking - Asphalt, Seal Coat | \$2,182.50 | \$52.37 | \$0.29 | \$52.66 |
| Sub Total | \$19,278.75 | \$175.66 | \$2.31 | \$177.97 |
| <u>015 Concrete</u> | | | | |
| Concrete - Unfunded | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Sub Total | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| <u>020 Roofs</u> | | | | |
| Roofs - Metal, Unfunded | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Sub Total | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| <u>025 Painting</u> | | | | |
| Painting - Metal Railings | \$0.00 | \$77.39 | \$0.06 | \$77.45 |
| Painting - Metal Roof | \$0.00 | \$831.82 | \$0.64 | \$832.46 |
| Painting - Wood Decks Resurface | \$3,440.00 | \$64.07 | \$0.43 | \$64.50 |
| Painting - Woodwork | \$12,750.00 | \$237.46 | \$1.62 | \$239.08 |
| Sub Total | \$16,190.00 | \$1,210.74 | \$2.75 | \$1,213.49 |
| <u>030 Fencing</u> | | | | |
| Fencing - Wood, Unfunded | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Sub Total | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| <u>035 Railings</u> | | | | |
| Railings - Metal | \$0.00 | \$131.28 | \$0.10 | \$131.37 |
| Sub Total | \$0.00 | \$131.28 | \$0.10 | \$131.37 |
| <u>040 Lighting</u> | | | | |
| Lighting - Exterior, Unfunded | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Sub Total | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| <u>045 Stairs</u> | | | | |
| Stairs - Metal, Unfunded | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Sub Total | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| <u>050 Garage Doors</u> | | | | |
| Garage Doors | \$0.00 | \$122.32 | \$0.10 | \$122.41 |

Sample Townhomes Association
Management / Accounting Summary
Directed Cash Flow Calculation Method; Sorted by Category

| | Balance at Fiscal Year Beginning | Monthly Member Contribution | Monthly Interest Contribution | Total Monthly Contribution |
|-------------------------------------|---|--|--|---|
| Sub Total | \$0.00 | \$122.32 | \$0.10 | \$122.41 |
| <u>055 Siding</u> | | | | |
| Siding - Wood, Unfunded | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Sub Total | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| <u>060 Equipment</u> | | | | |
| Equipment - Irrigation Controller | \$1,178.57 | \$8.92 | \$0.14 | \$9.05 |
| Sub Total | \$1,178.57 | \$8.92 | \$0.14 | \$9.05 |
| <u>065 Grounds</u> | | | | |
| Grounds - Retaining Walls, Unfunded | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Grounds - Spa, Acrylic | \$5,986.84 | \$19.34 | \$0.69 | \$20.03 |
| Grounds - Trash Enclosure | \$0.00 | \$33.11 | \$0.03 | \$33.13 |
| Sub Total | \$5,986.84 | \$52.45 | \$0.71 | \$53.16 |
| <u>070 Decks</u> | | | | |
| Decks - Synthetic | \$0.00 | \$264.94 | \$0.20 | \$265.14 |
| Decks - Wood | \$26,098.19 | \$198.73 | \$3.10 | \$201.83 |
| Sub Total | \$26,098.19 | \$463.67 | \$3.30 | \$466.97 |
| Contingency | \$1,374.65 | \$43.30 | \$0.19 | \$43.49 |
| Total | \$70,107.00 | \$2,208.33 | \$9.60 | \$2,217.94 |

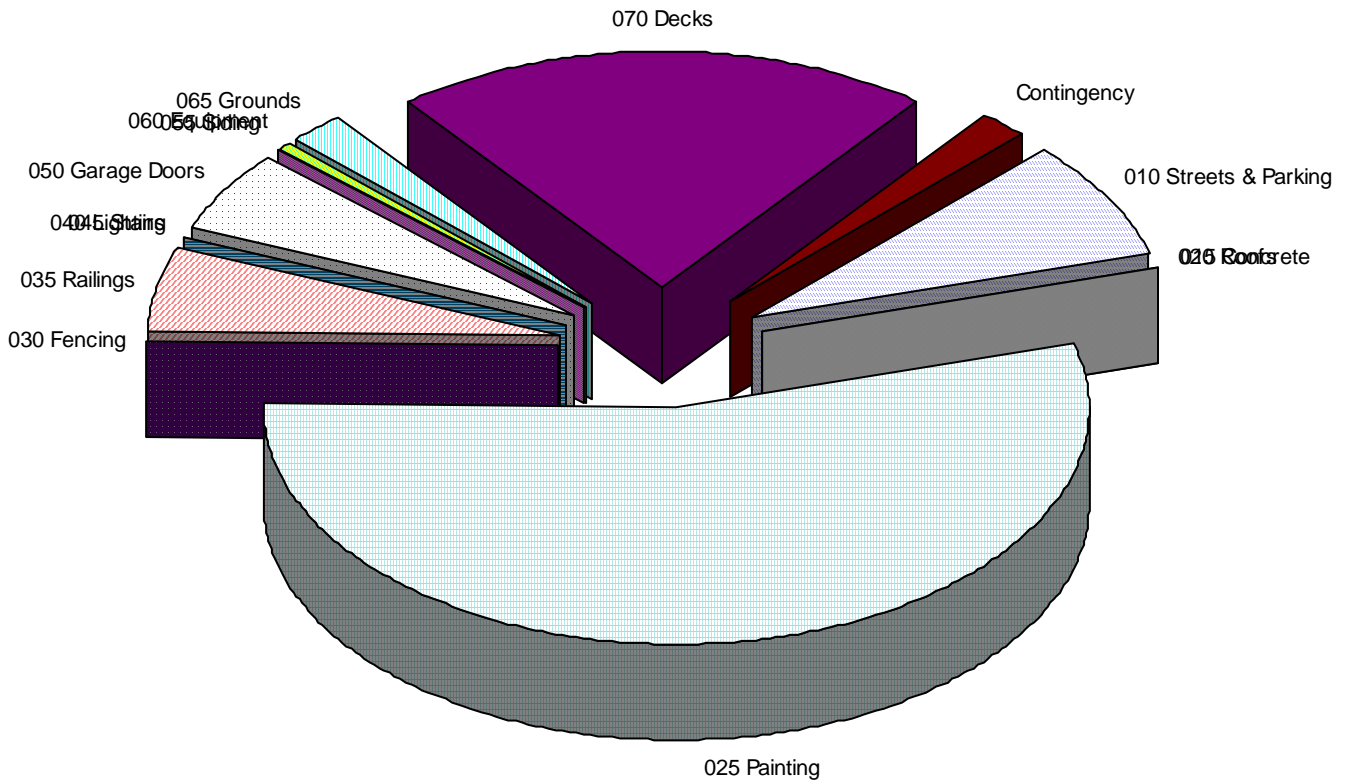
Sample Townhomes Association
Management / Accounting Charts
Directed Cash Flow Calculation Method; Sorted by Category

Distribution of Current Reserve Fund



Sample Townhomes Association
Management / Accounting Charts
Directed Cash Flow Calculation Method; Sorted by Category

Monthly Member Contribution



Sample Townhomes Association
Annual Expenditure Detail
Sorted by Description

2018 Fiscal Year

| | |
|--|------------|
| Streets & Parking - Asphalt, Repair | \$1,607.78 |
| Streets & Parking - Asphalt, Seal Coat | \$2,968.20 |

| | |
|------------------|-------------------|
| Sub Total | \$4,575.98 |
|------------------|-------------------|

2020 Fiscal Year

| | |
|-----------------------------------|-------------|
| Equipment - Irrigation Controller | \$1,591.81 |
| Grounds - Spa, Acrylic | \$6,897.85 |
| Painting - Wood Decks Resurface | \$6,388.47 |
| Painting - Woodwork | \$23,678.20 |

| | |
|------------------|--------------------|
| Sub Total | \$38,556.34 |
|------------------|--------------------|

2022 Fiscal Year

| | |
|--|-------------|
| Decks - Wood | \$41,778.42 |
| Painting - Metal Roof | \$64,864.75 |
| Streets & Parking - Asphalt, Overlay / Major Rehab | \$23,427.21 |
| Streets & Parking - Asphalt, Repair | \$1,740.31 |
| Streets & Parking - Asphalt, Seal Coat | \$3,212.88 |

| | |
|------------------|---------------------|
| Sub Total | \$135,023.56 |
|------------------|---------------------|

2023 Fiscal Year

| | |
|---------------------------|------------|
| Painting - Metal Railings | \$7,320.06 |
|---------------------------|------------|

| | |
|------------------|-------------------|
| Sub Total | \$7,320.06 |
|------------------|-------------------|

2026 Fiscal Year

| | |
|--|-------------|
| Garage Doors | \$17,926.39 |
| Streets & Parking - Asphalt, Repair | \$1,883.76 |
| Streets & Parking - Asphalt, Seal Coat | \$3,477.72 |

| | |
|------------------|--------------------|
| Sub Total | \$23,287.87 |
|------------------|--------------------|

2027 Fiscal Year

| | |
|---------------------------------|-------------|
| Painting - Wood Decks Resurface | \$7,338.35 |
| Painting - Woodwork | \$27,198.81 |

| | |
|------------------|--------------------|
| Sub Total | \$34,537.16 |
|------------------|--------------------|

2029 Fiscal Year

| | |
|-----------------------|-------------|
| Painting - Metal Roof | \$74,509.21 |
|-----------------------|-------------|

| | |
|------------------|--------------------|
| Sub Total | \$74,509.21 |
|------------------|--------------------|

2030 Fiscal Year

| | |
|---------------------------|------------|
| Painting - Metal Railings | \$8,408.44 |
|---------------------------|------------|

Sample Townhomes Association
Annual Expenditure Detail
Sorted by Description

| | |
|--|---------------------|
| Streets & Parking - Asphalt, Repair | \$2,039.05 |
| Streets & Parking - Asphalt, Seal Coat | \$3,764.40 |
| Sub Total | \$14,211.89 |
| | |
| 2034 Fiscal Year | |
| Equipment - Irrigation Controller | \$2,100.36 |
| Painting - Wood Decks Resurface | \$8,429.45 |
| Painting - Woodwork | \$31,242.89 |
| Streets & Parking - Asphalt, Repair | \$2,207.13 |
| Streets & Parking - Asphalt, Seal Coat | \$4,074.70 |
| Sub Total | \$48,054.54 |
| | |
| 2035 Fiscal Year | |
| Grounds - Trash Enclosure | \$10,711.85 |
| Sub Total | \$10,711.85 |
| | |
| 2036 Fiscal Year | |
| Painting - Metal Roof | \$85,587.66 |
| Sub Total | \$85,587.66 |
| | |
| 2037 Fiscal Year | |
| Painting - Metal Railings | \$9,658.66 |
| Sub Total | \$9,658.66 |
| | |
| 2038 Fiscal Year | |
| Grounds - Spa, Acrylic | \$9,851.83 |
| Streets & Parking - Asphalt, Repair | \$2,389.07 |
| Streets & Parking - Asphalt, Seal Coat | \$4,410.59 |
| Sub Total | \$16,651.49 |
| | |
| 2041 Fiscal Year | |
| Decks - Synthetic | \$122,241.23 |
| Painting - Wood Decks Resurface | \$9,682.79 |
| Painting - Woodwork | \$35,888.26 |
| Sub Total | \$167,812.28 |
| | |
| 2042 Fiscal Year | |
| Streets & Parking - Asphalt, Overlay / Major Rehab | \$34,811.61 |
| Streets & Parking - Asphalt, Repair | \$2,586.01 |
| Streets & Parking - Asphalt, Seal Coat | \$4,774.16 |
| Sub Total | \$42,171.78 |

Sample Townhomes Association
Annual Expenditure Detail
Sorted by Description

2043 Fiscal Year

Painting - Metal Roof

\$98,313.31

Sub Total

\$98,313.31

2044 Fiscal Year

Painting - Metal Railings

\$11,094.76

Railings - Metal

\$70,494.41

Sub Total

\$81,589.17

2046 Fiscal Year

Streets & Parking - Asphalt, Repair

\$2,799.18

Streets & Parking - Asphalt, Seal Coat

\$5,167.71

Sub Total

\$7,966.88

Sample Townhomes Association

Projections

Directed Cash Flow Calculation Method

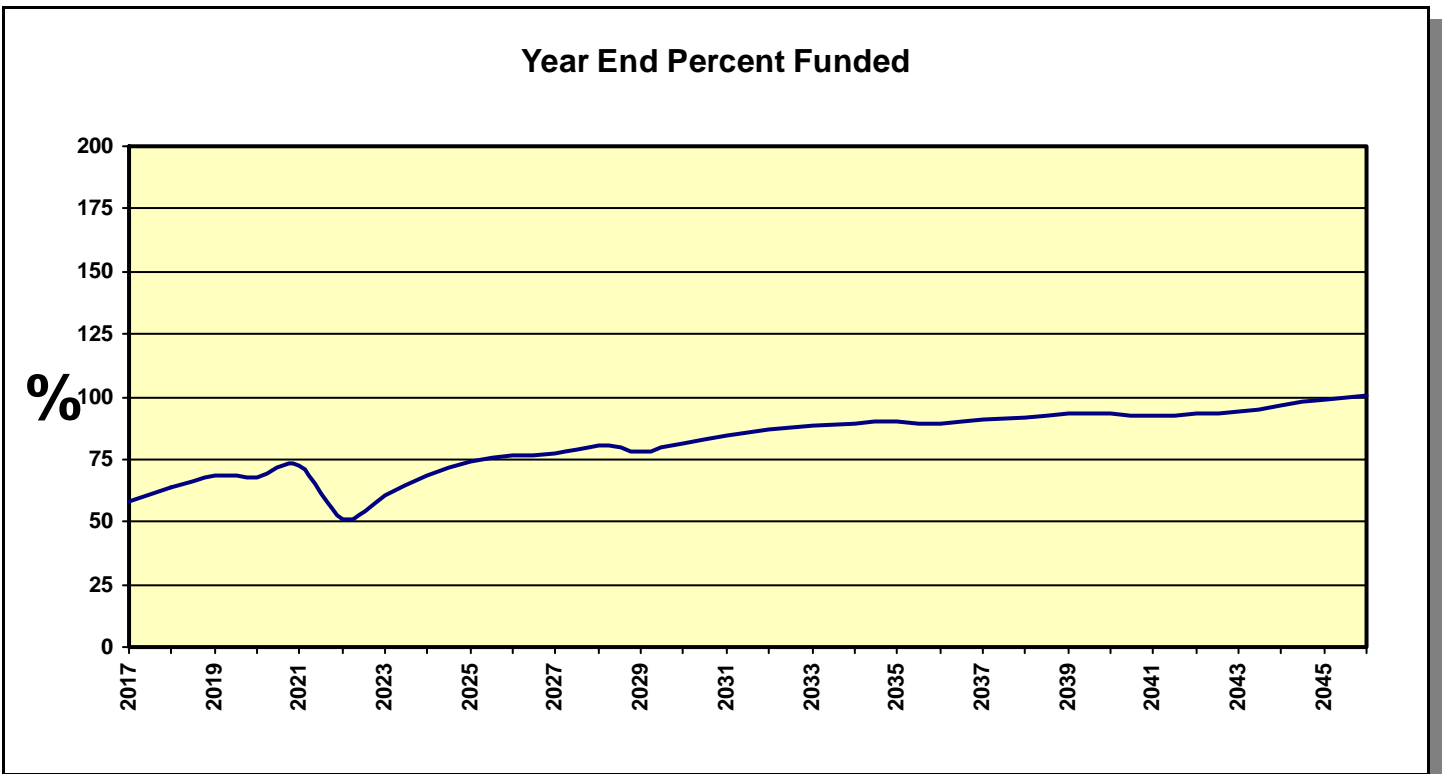
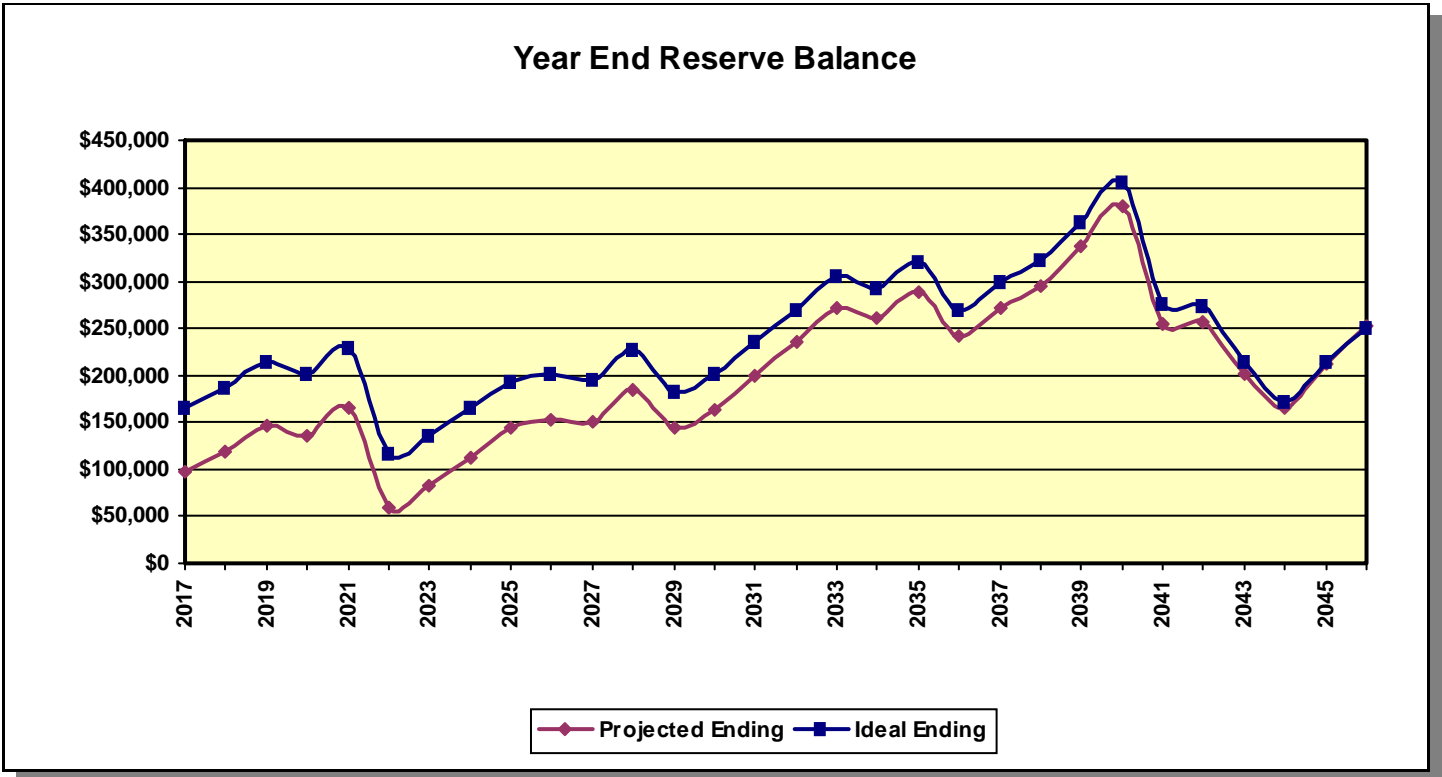
| Fiscal Year | Beginning Balance | Member Contribution | Interest Contribution | Expenditures | Ending Balance | Fully Funded | |
|-------------|-------------------|---------------------|-----------------------|--------------|----------------|----------------|----------------|
| | | | | | | Ending Balance | Percent Funded |
| 2017 | \$70,107 | \$26,500 | \$115 | \$0 | \$96,722 | \$166,627 | 58% |
| 2018 | \$96,722 | \$27,030 | \$146 | \$4,576 | \$119,323 | \$187,263 | 64% |
| 2019 | \$119,323 | \$27,571 | \$185 | \$0 | \$147,078 | \$213,514 | 69% |
| 2020 | \$147,078 | \$28,122 | \$170 | \$38,556 | \$136,814 | \$200,835 | 68% |
| 2021 | \$136,814 | \$28,684 | \$210 | \$0 | \$165,708 | \$228,481 | 73% |
| 2022 | \$165,708 | \$29,258 | \$62 | \$135,024 | \$60,005 | \$117,035 | 51% |
| 2023 | \$60,005 | \$29,843 | \$93 | \$7,320 | \$82,621 | \$136,713 | 60% |
| 2024 | \$82,621 | \$30,440 | \$135 | \$0 | \$113,196 | \$164,899 | 69% |
| 2025 | \$113,196 | \$31,049 | \$179 | \$0 | \$144,424 | \$194,158 | 74% |
| 2026 | \$144,424 | \$31,670 | \$190 | \$23,288 | \$152,996 | \$200,646 | 76% |
| 2027 | \$152,996 | \$32,303 | \$187 | \$34,537 | \$150,949 | \$196,096 | 77% |
| 2028 | \$150,949 | \$32,949 | \$233 | \$0 | \$184,131 | \$227,935 | 81% |
| 2029 | \$184,131 | \$33,608 | \$175 | \$74,509 | \$143,405 | \$183,450 | 78% |
| 2030 | \$143,405 | \$34,281 | \$203 | \$14,212 | \$163,677 | \$201,378 | 81% |
| 2031 | \$163,677 | \$34,966 | \$252 | \$0 | \$198,895 | \$235,032 | 85% |
| 2032 | \$198,895 | \$35,666 | \$302 | \$0 | \$234,862 | \$269,951 | 87% |
| 2033 | \$234,862 | \$36,379 | \$352 | \$0 | \$271,593 | \$306,173 | 89% |
| 2034 | \$271,593 | \$37,106 | \$337 | \$48,055 | \$260,982 | \$293,740 | 89% |
| 2035 | \$260,982 | \$37,849 | \$375 | \$10,712 | \$288,494 | \$320,539 | 90% |
| 2036 | \$288,494 | \$38,605 | \$309 | \$85,588 | \$241,820 | \$270,614 | 89% |
| 2037 | \$241,820 | \$39,378 | \$351 | \$9,659 | \$271,890 | \$299,341 | 91% |
| 2038 | \$271,890 | \$40,165 | \$383 | \$16,651 | \$295,787 | \$322,035 | 92% |
| 2039 | \$295,787 | \$40,968 | \$441 | \$0 | \$337,196 | \$363,187 | 93% |
| 2040 | \$337,196 | \$41,788 | \$499 | \$0 | \$379,483 | \$405,857 | 94% |
| 2041 | \$379,483 | \$42,624 | \$324 | \$167,812 | \$254,618 | \$275,496 | 92% |
| 2042 | \$254,618 | \$43,476 | \$326 | \$42,172 | \$256,248 | \$273,967 | 94% |
| 2043 | \$256,248 | \$44,346 | \$250 | \$98,313 | \$202,530 | \$214,734 | 94% |
| 2044 | \$202,530 | \$45,232 | \$198 | \$81,589 | \$166,372 | \$172,468 | 96% |
| 2045 | \$166,372 | \$46,137 | \$263 | \$0 | \$212,772 | \$215,008 | 99% |
| 2046 | \$212,772 | \$47,060 | \$317 | \$7,967 | \$252,182 | \$250,893 | 101% |

NOTE: In some cases, the projected Ending Balance may exceed the Fully Funded Ending Balance in years following high Expenditures. This is a result of the provision for contingency in this analysis, which in these projections is never expended. The contingency is continually adjusted according to need and any excess is redistributed among all components included.

Sample Townhomes Association

Projection Charts

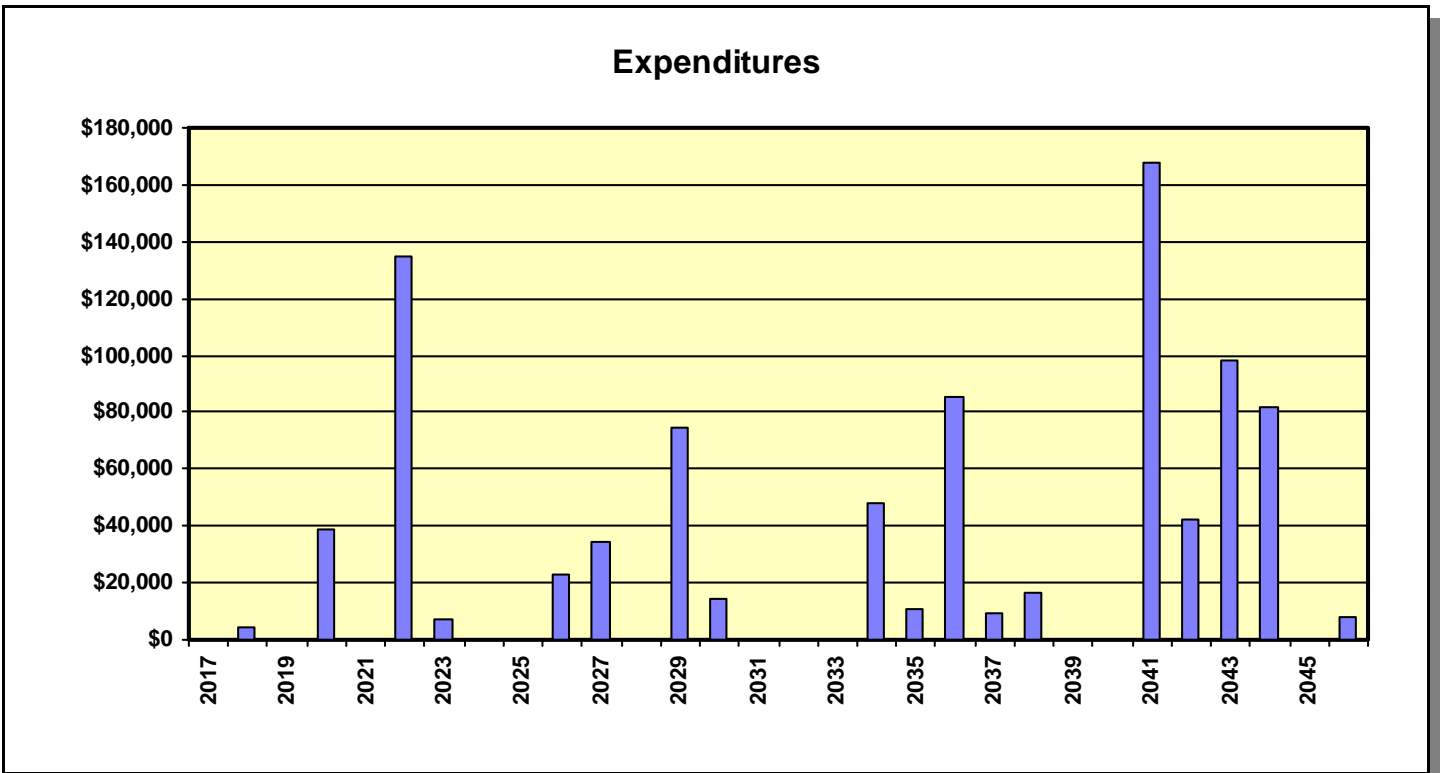
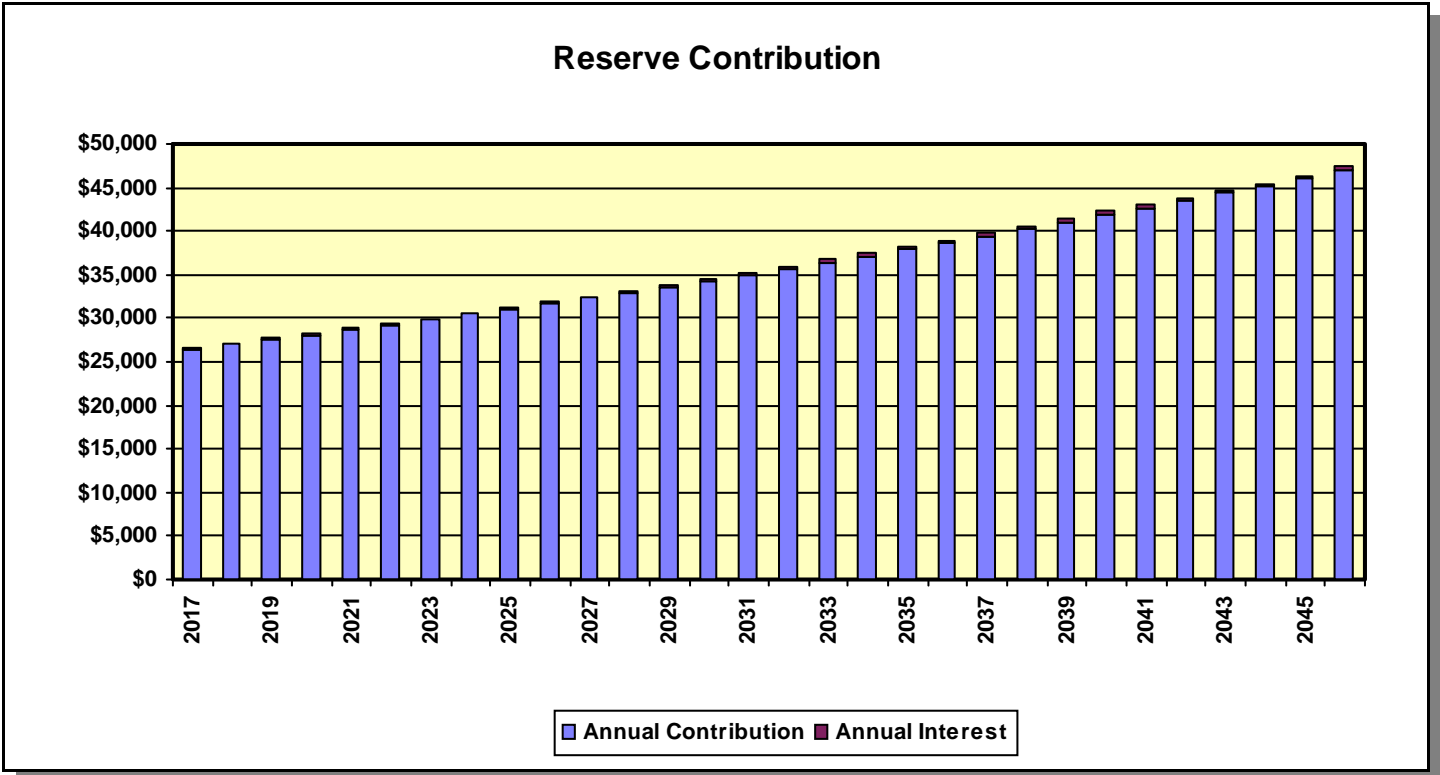
Directed Cash Flow Calculation Method



Sample Townhomes Association

Projection Charts

Directed Cash Flow Calculation Method



Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

| |
|---|
| Streets & Parking - Asphalt, Overlay / Major Rehab |
|---|

| | | | |
|-------------------|-----------------------|-------------------------------|----------------|
| Category | 010 Streets & Parking | Quantity | 12,125 sq. ft. |
| | | Unit Cost | \$1.750 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$21,218.75 |
| Placed In Service | 01/02 | Future Cost | \$23,427.21 |
| Useful Life | 20 | | |
| | | Assigned Reserves at FYB | \$15,914.06 |
| Remaining Life | 5 | Monthly Member Contribution | \$94.92 |
| Replacement Year | 2022 | Monthly Interest Contribution | \$1.86 |
| | | Total Monthly Contribution | \$96.78 |

Comments:



Most asphalt areas can be expected to last approximately 20 to 25 years before it will become necessary for an overlay to be applied or other major rehabilitation to be completed. It will be necessary to adjust manhole and valve covers at the time the overlay is applied or other major rehabilitation is completed.

Deflection testing should be conducted by an independent consultant near the end of the estimated useful life to determine the condition of the asphalt and estimated remaining life before the overlay or other major rehabilitation is required. In addition to this service, a consultant may be obtained to prepare the application specifications, and to work with the contractor during actual installation. It is recommended that the client obtain bids for such a consultation near the end of the estimated useful life. As costs vary, a provision for this consulting has not been included in this cost estimate. Should the client request, this cost can be incorporated into this analysis.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Streets & Parking - Asphalt, Repair

| | | | |
|-------------------|-----------------------|-------------------------------|----------------|
| Category | 010 Streets & Parking | Quantity | 12,125 sq. ft. |
| | | Unit Cost | \$6.500 |
| | | % of Replacement | 2.00% |
| | | Current Cost | \$1,576.25 |
| Placed In Service | 01/14 | Future Cost | \$1,607.78 |
| Useful Life | 4 | | |
| | | Assigned Reserves at FYB | \$1,182.19 |
| Remaining Life | 1 | Monthly Member Contribution | \$28.37 |
| Replacement Year | 2018 | Monthly Interest Contribution | \$0.15 |
| | | Total Monthly Contribution | \$28.52 |

Comments:



It is estimated that a percentage of the asphalt areas will require repair or replacement. The actual condition of the asphalt should be monitored through time and these estimates adjusted accordingly.

We have budgeted for the asphalt to be repaired on the same cycle and in conjunction with the seal coating of the asphalt.

The actual date this component was placed into service is not available. For budgeting purposes, this date has been estimated based on its condition at our most recent site visit.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Streets & Parking - Asphalt, Seal Coat

| | | | |
|-------------------|-----------------------|-------------------------------|----------------|
| Category | 010 Streets & Parking | Quantity | 12,125 sq. ft. |
| | | Unit Cost | \$0.240 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$2,910.00 |
| Placed In Service | 01/14 | Future Cost | \$2,968.20 |
| Useful Life | 4 | | |
| | | Assigned Reserves at FYB | \$2,182.50 |
| Remaining Life | 1 | Monthly Member Contribution | \$52.37 |
| Replacement Year | 2018 | Monthly Interest Contribution | \$0.29 |
| | | Total Monthly Contribution | \$52.66 |

Comments:



Asphalt surfaces should be seal coated within 3 years of their initial installation. Thereafter, a 3 to 5 year cycle should be observed and adjusted according to the client's particular needs.

The unit cost includes any restriping that may be necessary.

The actual date this component was placed into service is not available. For budgeting purposes, this date has been estimated based on its condition at our most recent site visit.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Concrete - Unfunded

| | | | |
|-------------------|--------------|-------------------------------|-------------|
| Category | 015 Concrete | Quantity | 500 sq. ft. |
| | | Unit Cost | \$0.00 |
| | | % of Replacement | 0.00% |
| | | Current Cost | \$0.00 |
| Placed In Service | 01/82 | Future Cost | \$0.00 |
| Useful Life | n.a. | | |
| | | Assigned Reserves at FYB | \$0.00 |
| Remaining Life | n.a. | Monthly Member Contribution | \$0.00 |
| Replacement Year | n.a. | Monthly Interest Contribution | \$0.00 |
| | | Total Monthly Contribution | \$0.00 |

Comments:



This is the concrete located within the community.

Typically, budgeting for concrete repairs as a reserve component is excluded as it is anticipated that any repairs required will be addressed immediately due to safety concerns. Good maintenance practice would not allow the need for repairs to accumulate to a point that they would become a major expense. Minor repairs, as needed, should be addressed immediately as a maintenance issue using the client's operating and/or reserve contingency funds. Should the client desire, funding for this component can be included.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Roofs - Metal, Unfunded

| | | | |
|-------------------|-----------|-------------------------------|---------------|
| Category | 020 Roofs | Quantity | 7,100 sq. ft. |
| | | Unit Cost | \$0.000 |
| | | % of Replacement | 0.00% |
| | | Current Cost | \$0.00 |
| Placed In Service | 01/82 | Future Cost | \$0.00 |
| Useful Life | n.a. | | |
| | | Assigned Reserves at FYB | \$0.00 |
| Remaining Life | n.a. | Monthly Member Contribution | \$0.00 |
| Replacement Year | n.a. | Monthly Interest Contribution | \$0.00 |
| | | Total Monthly Contribution | \$0.00 |

Comments:



This is a painted metal roof located on both buildings.

It is anticipated that the roofs will not be replaced in their entirety. Therefore, At the request of the client, budgeting for this component has been excluded as future maintenance will be completed by the client on an as needed basis. This component is listed for inventory purposes only.

In order to ensure a high quality installation, the client may wish to obtain the services of an independent roofing consultant to work with the client and the roofing contractor providing installation. Consultants are available for the preparation of installation specifications and, if desired, to work with the contractor during the installation process. Fees for these services vary based on the size of the project and detail required by the client, and have not been included in the cost used for this component. Should the client desire, a provision for a consultant can be incorporated into this analysis.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Painting - Metal Railings

| | | | |
|-------------------|--------------|-------------------------------|------------|
| Category | 025 Painting | Quantity | 1 total |
| | | Unit Cost | \$6,500.00 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$6,500.00 |
| Placed In Service | 01/16 | Future Cost | \$7,320.06 |
| Useful Life | 7 | | |
| | | Assigned Reserves at FYB | \$0.00 |
| Remaining Life | 6 | Monthly Member Contribution | \$77.39 |
| Replacement Year | 2023 | Monthly Interest Contribution | \$0.06 |
| | | Total Monthly Contribution | \$77.45 |

Comments:



According to the association, the metal railings on both buildings were painted in 2016.

The cost for this component has been provided by the client and incorporated into this analysis at their request.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Painting - Metal Roof

| | | | |
|-------------------|--------------|-------------------------------|-------------|
| Category | 025 Painting | Quantity | 1 total |
| | | Unit Cost | \$58,750.00 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$58,750.00 |
| Placed In Service | 01/15 | Future Cost | \$64,864.75 |
| Useful Life | 7 | | |
| | | Assigned Reserves at FYB | \$0.00 |
| Remaining Life | 5 | Monthly Member Contribution | \$831.82 |
| Replacement Year | 2022 | Monthly Interest Contribution | \$0.64 |
| | | Total Monthly Contribution | \$832.46 |

Comments:



According to the association, the roof on both buildings were painted in 2015.

The cost for this component has been provided by the client and incorporated into this analysis at their request.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Painting - Wood Decks Resurface

| | | | |
|-------------------|--------------|-------------------------------|---------------|
| Category | 025 Painting | Quantity | 1,720 sq. ft. |
| | | Unit Cost | \$3.500 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$6,020.00 |
| Placed In Service | 01/13 | Future Cost | \$6,388.47 |
| Useful Life | 7 | | |
| | | Assigned Reserves at FYB | \$3,440.00 |
| Remaining Life | 3 | Monthly Member Contribution | \$64.07 |
| Replacement Year | 2020 | Monthly Interest Contribution | \$0.43 |
| | | Total Monthly Contribution | \$64.50 |

Comments:



This is the painting and resurfacing of the wood decks located in the front of the buildings and in the spa area.

The actual date this component was placed into service is not available. For budgeting purposes, this date has been estimated based on its condition at our most recent site visit.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Painting - Woodwork

| | | | |
|-------------------|--------------|-------------------------------|----------------|
| Category | 025 Painting | Quantity | 12,750 sq. ft. |
| | | Unit Cost | \$1.750 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$22,312.50 |
| Placed In Service | 01/13 | Future Cost | \$23,678.20 |
| Useful Life | 7 | | |
| | | Assigned Reserves at FYB | \$12,750.00 |
| Remaining Life | 3 | Monthly Member Contribution | \$237.46 |
| Replacement Year | 2020 | Monthly Interest Contribution | \$1.62 |
| | | Total Monthly Contribution | \$239.08 |

Comments:



This is the painting of the woodwork on the exterior areas of the buildings.

The actual date this component was placed into service is not available. For budgeting purposes, this date has been estimated based on its condition at our most recent site visit.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Fencing - Wood, Unfunded

| | | | |
|-------------------|-------------|-------------------------------|-------------|
| Category | 030 Fencing | Quantity | 20 lin. ft. |
| | | Unit Cost | \$0.00 |
| | | % of Replacement | 0.00% |
| | | Current Cost | \$0.00 |
| Placed In Service | 01/82 | Future Cost | \$0.00 |
| Useful Life | n.a. | | |
| | | Assigned Reserves at FYB | \$0.00 |
| Remaining Life | n.a. | Monthly Member Contribution | \$0.00 |
| Replacement Year | n.a. | Monthly Interest Contribution | \$0.00 |
| | | Total Monthly Contribution | \$0.00 |

Comments:



This is the wood fencing located around the spa.

Due to the nature and size of this expense, funding for this component has been excluded. It is anticipated that any expenditures can be effectively budgeted for by the client's operating and/or reserve contingency funds. This component is listed for inventory purposes only.

Sample Townhomes Association
Component Detail
 Directed Cash Flow Calculation Method; Sorted by Category

Railings - Metal

| | | | |
|-------------------|--------------|-------------------------------|-------------|
| Category | 035 Railings | Quantity | 1 total |
| | | Unit Cost | \$41,300.00 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$41,300.00 |
| | | Future Cost | \$70,494.41 |
| Placed In Service | 01/16 | Assigned Reserves at FYB | \$0.00 |
| Useful Life | 28 | Monthly Member Contribution | \$131.28 |
| Remaining Life | 27 | Monthly Interest Contribution | \$0.10 |
| Replacement Year | 2044 | Total Monthly Contribution | \$131.37 |

Comments:



This is for the replacement of the metal railings located on the exterior areas of both buildings.

The cost for this component has been provided by the client and incorporated into this analysis at their request.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Lighting - Exterior, Unfunded

| | | | |
|-------------------|--------------|-------------------------------|----------|
| Category | 040 Lighting | Quantity | 25 total |
| | | Unit Cost | \$0.00 |
| | | % of Replacement | 0.00% |
| | | Current Cost | \$0.00 |
| Placed In Service | 01/82 | Future Cost | \$0.00 |
| Useful Life | n.a. | | |
| | | Assigned Reserves at FYB | \$0.00 |
| Remaining Life | n.a. | Monthly Member Contribution | \$0.00 |
| Replacement Year | n.a. | Monthly Interest Contribution | \$0.00 |
| | | Total Monthly Contribution | \$0.00 |

Comments:



These are exterior unit building lighting fixtures located throughout the community.

At the request of the client, budgeting for this component has been excluded as future maintenance will be completed by the client on an as needed basis. This component is listed for inventory purposes only.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Stairs - Metal, Unfunded

| | | | |
|-------------------|------------|-------------------------------|-------------|
| Category | 045 Stairs | Quantity | 300 sq. ft. |
| | | Unit Cost | \$0.00 |
| | | % of Replacement | 0.00% |
| | | Current Cost | \$0.00 |
| Placed In Service | 01/82 | Future Cost | \$0.00 |
| Useful Life | n.a. | | |
| | | Assigned Reserves at FYB | \$0.00 |
| Remaining Life | n.a. | Monthly Member Contribution | \$0.00 |
| Replacement Year | n.a. | Monthly Interest Contribution | \$0.00 |
| | | Total Monthly Contribution | \$0.00 |

Comments:



These are the metal stairs leading into the units.

It is anticipated that the metal stairs will not be replaced in their entirety. Therefore, At the request of the client, budgeting for this component has been excluded as future maintenance will be completed by the client on an as needed basis. This component is listed for inventory purposes only.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Garage Doors

| | | | |
|-------------------|------------------|-------------------------------|-------------|
| Category | 050 Garage Doors | Quantity | 12 total |
| | | Unit Cost | \$1,250.00 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$15,000.00 |
| | | Future Cost | \$17,926.39 |
| Placed In Service | 01/82 | | |
| Useful Life | 24 | | |
| Adjustment | +20 | Assigned Reserves at FYB | \$0.00 |
| Remaining Life | 9 | Monthly Member Contribution | \$122.32 |
| Replacement Year | 2026 | Monthly Interest Contribution | \$0.10 |
| | | Total Monthly Contribution | \$122.41 |

Comments:



These are exterior 9x7 wood roll-up doors located at the entrances to the unit buildings.

The remaining life of this component has been extended due to its condition at our most recent site visit.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Siding - Wood, Unfunded

| | | | |
|-------------------|------------|-------------------------------|----------------|
| Category | 055 Siding | Quantity | 12,750 sq. ft. |
| | | Unit Cost | \$0.00 |
| | | % of Replacement | 0.00% |
| | | Current Cost | \$0.00 |
| Placed In Service | 01/82 | Future Cost | \$0.00 |
| Useful Life | n.a. | | |
| | | Assigned Reserves at FYB | \$0.00 |
| Remaining Life | n.a. | Monthly Member Contribution | \$0.00 |
| Replacement Year | n.a. | Monthly Interest Contribution | \$0.00 |
| | | Total Monthly Contribution | \$0.00 |

Comments:



This is the wood siding located on the exterior areas of the buildings.

It is anticipated that not all of the siding will need replacement at one time. Therefore, At the request of the client, budgeting for this component has been excluded as future maintenance will be completed by the client on an as needed basis. This component is listed for inventory purposes only.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Equipment - Irrigation Controller

| | | | |
|-------------------|---------------|-------------------------------|--------------|
| Category | 060 Equipment | Quantity | 1 controller |
| | | Unit Cost | \$1,500.00 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$1,500.00 |
| Placed In Service | 01/06 | Future Cost | \$1,591.81 |
| Useful Life | 14 | | |
| | | Assigned Reserves at FYB | \$1,178.57 |
| Remaining Life | 3 | Monthly Member Contribution | \$8.92 |
| Replacement Year | 2020 | Monthly Interest Contribution | \$0.14 |
| | | Total Monthly Contribution | \$9.05 |

Comments:



This component, and all information contained herein, has been provided by the client and incorporated into this analysis at their request.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Grounds - Retaining Walls, Unfunded

| | | | |
|-------------------|-------------|-------------------------------|--------------|
| Category | 065 Grounds | Quantity | 162 lin. ft. |
| | | Unit Cost | \$0.00 |
| | | % of Replacement | 0.00% |
| | | Current Cost | \$0.00 |
| Placed In Service | 01/82 | Future Cost | \$0.00 |
| Useful Life | n.a. | | |
| | | Assigned Reserves at FYB | \$0.00 |
| Remaining Life | n.a. | Monthly Member Contribution | \$0.00 |
| Replacement Year | n.a. | Monthly Interest Contribution | \$0.00 |
| | | Total Monthly Contribution | \$0.00 |

Comments:



These are wood retaining walls located around the community.

It is anticipated that not all of the walls will need replacement at one time. Therefore, At the request of the client, budgeting for this component has been excluded as future maintenance will be completed by the client on an as needed basis. This component is listed for inventory purposes only.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Grounds - Spa, Acrylic

| | | | |
|-------------------|-------------|-------------------------------|------------|
| Category | 065 Grounds | Quantity | 1 spa |
| | | Unit Cost | \$6,500.00 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$6,500.00 |
| Placed In Service | 01/82 | Future Cost | \$6,897.85 |
| Useful Life | 18 | | |
| Adjustment | +20 | Assigned Reserves at FYB | \$5,986.84 |
| Remaining Life | 3 | Monthly Member Contribution | \$19.34 |
| Replacement Year | 2020 | Monthly Interest Contribution | \$0.69 |
| | | Total Monthly Contribution | \$20.03 |

Comments:



This is for the replacement of the acrylic spa located between the two buildings.

The remaining life of this component has been extended due to its condition at our most recent site visit.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Grounds - Trash Enclosure

| | | | |
|-------------------|-------------|-------------------------------|-------------|
| Category | 065 Grounds | Quantity | 1 enclosure |
| | | Unit Cost | \$7,500.00 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$7,500.00 |
| Placed In Service | 01/10 | Future Cost | \$10,711.85 |
| Useful Life | 25 | | |
| | | Assigned Reserves at FYB | \$0.00 |
| Remaining Life | 18 | Monthly Member Contribution | \$33.11 |
| Replacement Year | 2035 | Monthly Interest Contribution | \$0.03 |
| | | Total Monthly Contribution | \$33.13 |

Comments:



This is a wood trash enclosure located within the community.

The actual date this component was placed into service is not available. For budgeting purposes, this date has been estimated based on its condition at our most recent site visit.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Decks - Synthetic

| | | | |
|-------------------|-----------|-------------------------------|---------------|
| Category | 070 Decks | Quantity | 1,520 sq. ft. |
| | | Unit Cost | \$50.000 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$76,000.00 |
| Placed In Service | 01/01 | Future Cost | \$122,241.23 |
| Useful Life | 40 | | |
| | | Assigned Reserves at FYB | \$0.00 |
| Remaining Life | 24 | Monthly Member Contribution | \$264.94 |
| Replacement Year | 2041 | Monthly Interest Contribution | \$0.20 |
| | | Total Monthly Contribution | \$265.14 |

Comments:



This is for the replacement of the synthetic wood decks in the beck of the buildings.

The actual date this component was placed into service is not available. For budgeting purposes, this date has been estimated based on its condition at our most recent site visit.

Sample Townhomes Association

Component Detail

Directed Cash Flow Calculation Method; Sorted by Category

Decks - Wood

| | | | |
|-------------------|-----------|-------------------------------|-------------|
| Category | 070 Decks | Quantity | 1 total |
| | | Unit Cost | \$37,840.00 |
| | | % of Replacement | 100.00% |
| | | Current Cost | \$37,840.00 |
| | | Future Cost | \$41,778.42 |
| Placed In Service | 01/82 | | |
| Useful Life | 30 | | |
| Adjustment | +10 | Assigned Reserves at FYB | \$26,098.19 |
| Remaining Life | 5 | Monthly Member Contribution | \$198.73 |
| Replacement Year | 2022 | Monthly Interest Contribution | \$3.10 |
| | | Total Monthly Contribution | \$201.83 |

Comments:



This is for the replacement of the wood decks in the front of the buildings and the spa deck.

| | | | | |
|-----------------------------|---|--------------|----------|--------------------|
| 1,120 sq. ft. - front decks | @ | \$22.00 | = | \$24,640.00 |
| 600 sq. ft. - spa deck | @ | \$22.00 | = | \$13,200.00 |
| | | TOTAL | = | \$37,840.00 |

Sample Townhomes Association

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Number of components included in this reserve analysis is 21.