RDA REPORT

The Townhomes at Railroad Springs

Flagstaff, Arizona Account 4117 - Version 001 July 25, 2016

RESERVE DATA ANALYSIS, INC.

2761 East Bridgeport Parkway Gilbert, Arizona 85295 FAX (480) 473-7658 (480) 473-7643

Prepared By

KARL THOMPSON

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This reserve analysis study and the parameters under which it has been completed are based upon information provided to us in part by representatives of the association, its contractors, assorted vendors, specialist and independent contractors, the Community Associations Institute, various construction pricing and scheduling manuals including, but not limited to: Marshall & Swift Valuation Service, RS Means Facilities Maintenance & Repair Cost Data, RS Means Repair & Remodeling Cost Data, National Construction Estimator, National Repair & Remodel Estimator, Dodge Cost Manual and the McGraw Hill Book Company. Additionally, costs are obtained from numerous vendor catalogues, actual quotations or historical costs, and our own experience in the field of property management and preparation of reserve analysis studies.

It has been assumed, unless otherwise noted in this report, that all assets have been designed and constructed properly and each estimated useful life will approximate that of the norm per industry standards and/or manufacture specifications used. In some cases, estimates may have been used on assets which have an indeterminable but potential liability to the association. The decision for the inclusion of these as well as all assets considered is left to the client.

We recommend that your reserve analysis study be updated every two to three years due to fluctuating interest rates, inflationary changes and the unpredictable nature of the lives of many of the assets under consideration. All of the information collected during our inspection of the association and subsequent computations made in preparing this reserve analysis study are retained in our computer files. Therefore, updates can typically be completed in a more timely manner than the original study.

Reserve Data Analysis, Inc. would like to thank you for using our services, and we invite you to call us at any time should you have any questions or comments or need assistance. In addition, any of the parameters and estimates used in this study may be changed at your request, after which we will provide you with a revised study.

RESERVE DATA ANALYSIS, INC.

(480) 473-7643

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PART I - INTRODUCTION

Preparing the annual budget and overseeing the association's finances are perhaps the most important responsibilities of board members. The annual operating and reserve budgets reflect the planning and goals of the association and set the level and quality of service for all of the association's activities.

1. Funding Options

When a major repair or replacement is required in a community, an association has essentially four options available to address the expenditure:

The first option is to pass a "special assessment" to the membership in an amount required to cover the expenditure. Although not commonplace, there have been special assessments in the amount of \$10,000 per member assessed in associations in Virginia and southern California. When a special assessment is passed, the association has the authority and responsibility to collect the assessments, even by means of foreclosure if necessary. However, an association operating on a special assessment basis cannot guarantee that an assessment, when needed, will be passed. Consequently, it cannot guarantee its ability to perform the required repairs or replacements to those major components for which the association is obligated to maintain when the need arises. Additionally, while relatively new communities require very little in the way of major "reserve" expenditures, associations reaching 12 to 15 years of age and older find many components reaching the end of their effective useful lives. These required expenditures, all accruing at the same time, can be devastating to an association's overall budget.

The second option is for the association to acquire a loan from a lending institution in order to effect the required repairs. In many cases, banks will lend money to an association using "future homeowner assessments" as collateral for the loan. With this method, not only is the <u>current</u> board of directors pledging the <u>future</u> assets of an association, they are also required to pay interest fees on the loan payback in addition to the original principal. In the case of a \$150,000 roofing replacement, the association may be required to pay back the loan over a three to five year period, with interest; whereas, if the association was setting aside reserves for this purpose, using the

vehicle of the regularly assessed membership dues, it would have had the full term of the life of the roof in order to accumulate the necessary moneys. Additionally, those contributions would have been evenly distributed over the entire membership and would have earned interest as part of that contribution.

The third option, too often used, is simply to defer the required repair or replacement. This option can create an environment of declining property values due to the increasing deferred maintenance and the association's financial inability to keep pace with the normal aging process of the common area components. This, in turn, can have a seriously negative impact on sellers in the Association by making it difficult or even impossible for potential buyers to obtain financing from lenders. Increasingly, many lending institutions are requesting copies of the association's most recent reserve study before granting loans, either for the association, a prospective purchaser, or for an individual within such association.

The fourth, and only logical means that the board of directors has to ensure its ability to maintain the assets for which it is obligated, uniformly distributing the costs of the replacements over the entire membership, is by assessing an adequate level of reserves as part of the regular membership assessment. The community is not only comprised of present members, but also future members. Any decision by the board of directors to adopt a calculation method or funding plan which would disproportionately burden future members in order to make up for past reserve deficits would be a breach of its fiduciary responsibility to those future members. Unlike individuals determining their own course of action, the board is responsible to the "community" as a whole.

2. The Reserve Study

There are two components of a reserve study – a physical analysis and a financial analysis. During the physical analysis, a reserve provider evaluates information regarding the physical status and repair/replacement cost of the association's major common area components. To do so, the provider conducts a component inventory, a condition assessment, and life and valuation estimates. A financial analysis assesses the association's reserve balance or "fund status" (measured in cash or as percent funded) to determine a recommendation for an appropriate reserve contribution rate in the future known as the "funding plan."

Reserve studies fit into one of three categories: 1) Full Study; 2) Update - with site inspection; and 3) Update - without site inspection.

• In a Full reserve study, the reserve provider conducts a component inventory, a condition assessment (based upon on-site visual observations), and life and valuation estimates to determine both a "fund status" and "funding plan."

- In an Update with site inspection, the reserve provider conducts a component inventory (verification only, not quantification), a condition assessment (based on on-site visual observations), and life and valuation estimates to determine both the "fund status" and "funding plan."
- In an Update without site inspection, the reserve provider conducts life and valuation estimates to determine the "fund status" and "funding plan."

3. Developing a Component List

The budget process begins with an accurate inventory of all the major components for which the association is responsible. The determination of whether an expense should be labeled as operational, reserve, or excluded altogether is sometimes subjective. Since this labeling may have a major impact on the financial plans of the association, subjective determinations should be minimized. We suggest the following considerations when labeling an expense:

OPERATIONAL EXPENSES occur at least annually, no matter how large the expense, and can be effectively budgeted for each year. They are characterized as being reasonably predictable both in terms of frequency and cost. Operational expenses include all minor expenses which would not otherwise adversely affect an operational budget from one year to the next. Examples of Operational Expenses include:

Utilities:

- Electricity
- Gas
- Water
- Telephone
- Cable TV

Administrative:

- Supplies
- Bank Service Charges
- Dues & Publications
- Licenses, Permits & Fees

Services:

- Landscaping
- Pool Maintenance

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- Street Sweeping
- Accounting
- Reserve Study

Repair Expenses:

- Tile Roof Repairs
- Equipment Repairs
- Minor Concrete Repairs
- Operating Contingency

RESERVE EXPENSES are major expenses that occur other than annually and which must be budgeted for in advance in order to provide the necessary funds in time

for their occurrence. Reserve expenses are reasonably predictable both in terms of frequency and cost. However, they may include significant assets which have an indeterminable but potential liability which may be demonstrated as a likely occurrence. They are expenses that when incurred would have a significant affect on the smooth operation of the budgetary process from one year to the next if they were not reserved for in advance. Examples of Reserve Expenses include:

- Roof Replacements
- Painting
- Deck Resurfacing
- Fencing Replacement
- Street Seal/Slurry Coatings
- Asphalt Overlays
- Pool Re-plastering

- Pool Equipment Replacement
- Pool Furniture Replacement
- Tennis Court Resurfacing
- Park & Play Equipment
 - Equipment Replacement
- Interior Furnishings
- Lighting Replacement

BUDGETING IS NORMALLY EXCLUDED FOR repairs or replacements of assets which are deemed to have an estimated useful life equal to or exceeding the estimated useful life of the facility or community itself, or exceeding the legal life of the community as defined in an association's governing documents. Examples include the complete replacement of elevators, tile roofs, wiring and plumbing. Also excluded are insignificant expenses which may be covered either by an operating or reserve contingency, or otherwise in a general maintenance fund. Costs which are caused by acts of God, accidents or other occurrences which are more properly insured for, rather than reserved for, are also excluded.

4. Preparing the Reserve Study

Once the reserve assets have been identified and quantified, their respective replacement costs, useful lives and remaining lives must be assigned so that a funding schedule can be constructed. Replacement costs and useful lives can be found in published manuals such as construction estimators, appraisal handbooks, and valuation guides. Remaining lives are calculated from the useful lives and ages of assets and adjusted according to conditions such as design, manufacture quality, usage, exposure to the elements and maintenance history.

By following the recommendations of an effective reserve study the association should avoid any major shortfalls. However, to remain accurate, the report should be updated every two to three years to reflect such changes as shifts in economic parameters, additions of phases or assets, or expenditures of reserve funds. The association can assist in simplifying the reserve analysis update process by keeping accurate records of these changes throughout the year.

5. Funding Methods

From the simplest to most complex, reserve analysis providers use many different computational processes to calculate reserve requirements. However, there are two basic processes identified as industry standards: the cash-flow method and the component method.

The cash flow method develops 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 actual anticipated schedule of reserve expenses until the desired funding goal is achieved. This method sets up a "window" in which all future anticipated replacement costs are computed, based on the individual lives of the components under consideration.

The component method develops a reserve-funding plan where the total contribution is based on the sum of contributions for individual components. The component method is the more conservative of the two funding options, and assures that the association will achieve and maintain an ideal level of reserves over time. This method also allows for computations on individual components in the analysis. The RDA Summary and RDA Projection Reports are based upon the component methodology.

6. Funding Strategies

Once an association has established its funding goals, the association can select an appropriate funding plan. There are two basic strategies widely used by associations. It is recommended that associations consult professionals to determine the best strategy or combination of plans that best suit the association's need. Additionally, associations should consult with their financial advisor to determine the tax implications of selecting a particular plan. Further, consultation with the American Institute of Certified Public Accountants (AICPA) for their reporting requirements is advisable. The two funding plans and descriptions of both are detailed below.

• Full Funding — Given that the basis of funding for reserves is to distribute the costs of the replacements over the lives of the components in question, it follows that the ideal level of reserves would be proportionately related to those lives and costs. If an association has a component with an expected estimated useful life of ten years, it would set aside approximately one-tenth of the replacement cost each year. At the end of three years, one would expect that three-tenths of the replacement cost to have accumulated, and if so, that component would be "fully-funded." This model is

important in that it is a measure of the adequacy of an association's reserves at any one point of time, and is independent of any particular method which may have been used for past funding or may be under consideration for future funding. The formula is based on current replacement cost, and is a measure in time, independent of future inflationary or investment factors:

When an association's total accumulated reserves for all components meet this criteria, its reserves are "fully-funded."

• Threshold Funding (RDA Modified Cash Flow Reports) — There are two goals of this funding method. The first goal is to make sure that all scheduled reserve expenditures are covered by keeping the reserve cash balance above zero during the projected period. The second goal is to reach and maintain a 100% fully funded reserve balance during the projected period. Depending on the association's current percent funded, it may take the entire projected period (typically 30 years) before the 100% fully funded level is achieved.

Reaching and maintaining a 100% fully funded reserve balance by uniformly distributing the costs of the replacements over time benefits both current and future members of an association, and is the best approach the board of directors can take to fulfill its fiduciary responsibility. The modified cash flow method creates a funding strategy that gives the membership the lowest reserve funding recommendation as possible over time, while approaching the 100% fully funded level.

Another advantage of the modified cash flow method is that in most cases several strategies can be manually tested by Reserve Data Analysis, Inc. (the strategy is not based strictly on each components current funding status) until the best funding strategy is created – one that has consistent, incremental contribution increases from year to year. This very important aspect of the reserve study will aid the board of directors during the annual budgeting process.

7. Distribution of Accumulated Reserves

The first step is to identify the ideal level of reserves for each asset. As indicated in the prior section, this is accomplished by evaluating the component's age proportionate to its estimated useful life and current replacement cost. Again, the equation used is as follows:

The RDA RESERVE MANAGEMENT SOFTWARE™ program performs the above calculations to the very month the component was placed-in-service. It also allows for the accumulation of the necessary reserves for the replacement to be available on the first day of the fiscal year it is scheduled to be replaced.

After identifying the ideal level of reserves for each asset, the beginning reserve balance must be allocated to each of the individual components identified in the analysis.

The next step the program performs is to arrange all of the assets used in the study in ascending order by remaining life, and alphabetically within each grouping of remaining life items. These assets are then assigned their respective ideal level of reserves until the amount of funds available are depleted, or until all assets are appropriately funded. If any assets are assigned a zero remaining life (schedule for replacement this fiscal year), then the amount assigned equals the current replacement cost and funding begins for the next cycle of replacement. If there are insufficient funds available to accomplish this, then the software automatically adjusts the zero remaining life item to 1 year and that asset assumes its new grouping position alphabetically in the final printed report.

If at the completion of this task there are additional moneys which have not been distributed, the remaining reserves are then assigned, in ascending order, to a level equal to, but not exceeding, the current replacement cost for each component. If there are sufficient moneys available to fund all assets at their current replacement cost levels, then any excess funds are designated as such initially, but are then considered to be available reserves in the report funding computations.

Assigning the reserves in this manner defers the make-up period for any underfunding over the longest remaining life of all the assets under consideration, thereby minimizing the impact of deficiency. For example, if the report indicates an underfunding of \$50,000, this underfunding will be assigned to components with the longest remaining life possible in order to give more time to "replenish" the account. If the \$50,000 underfunding were to be assigned to short remaining life items, the impact would be immediately felt.

If the reserves are underfunded, the monthly contribution requirements as outlined in this report may be higher than normal depending on the calculation method that is used. In future years, as individual assets are replaced, the funding requirements will return to their normal levels. In the case of a large deficiency, a special assessment may be considered. The program can easily generate revised reports outlining how the monthly contributions would be affected by such an adjustment, or by any other changes which may be under consideration.

8. Funding Reserves

Two contribution numbers are provided in the report, the "Monthly Membership Contribution" and the "Net Monthly Allocation." The association should contribute to reserves each month the "Monthly Membership Contribution" figure, when the interest earned on the reserves is left in the reserve accounts as part of the contribution. When interest is earned on the reserves, that interest must be left in reserves and only amounts set aside for taxes should be removed.

The second alternative is to allocate the "Net Monthly Allocation" to reserves (this is the member contribution plus the anticipated interest earned for the fiscal year). This method assumes that all interest earned will be assigned directly as operating income. This allocation takes into consideration the anticipated interest earned on accumulated reserves regardless of whether or not it is actually earned. When taxes are paid the amount due will be taken directly from the association's operating accounts as the reserve accounts are allocated only those moneys net of taxes.

9. Users' Guide to Your Reserve Analysis Study

Part II of your RDA REPORT contains the reserve analysis study for your association. There are seven types of pages in the study as described below.

REPORT SUMMARY

The **Report Summary** lists all of the parameters which were used in calculating the report as well as the summary of your reserve analysis study.

INDEX REPORTS

The **Distribution of Accumulated Reserves** report lists all assets in remaining life order. It also identifies the ideal level of reserves which should have accumulated for the association as well as the actual reserves available.

DETAIL REPORTS

The **Detail Report** itemizes each asset and lists all measurements, current and future costs and calculations for that asset. Provisions for percentage replacements, salvage values and one-time replacements can also be utilized.

The numerical listings for each asset are enhanced by extensive narrative detailing factors such as design, manufacture quality, usage, exposure to elements and maintenance history.

The **Detail Report Index** is an alphabetical listing of all assets together with the page number of the asset's detail report and asset number.

PROJECTIONS AND CHARTS

Thirty-year Projections of projected data add to the usefulness of your reserve analysis study.

10. Definitions

- REPORT I.D. Includes the REPORT DATE (ex. November 15, 1992), VERSION (ex. 001), and ACCOUNT NUMBER (ex. 9773). Please use this information when referencing your report. (Displayed on the summary page.)
- **BUDGET YEAR BEGINNING/ENDING** The budgetary year for which the report is prepared. For associations with fiscal years ending December 31, the monthly contribution figures indicated are for the 12 month period beginning 1/1/2X and ending 12/31/2X.
- **NUMBER OF UNITS/PHASES** If applicable, the number of units and/or phases included in this version of the report.
- INFLATION This figure is used to approximate the future cost to repair or replace each component in the report. The current cost for each component is compounded on an annual basis by the number of remaining years to replacement and the total is used in calculating the monthly reserve contribution which will be necessary in order to accumulate the required funds in time for replacement.
- ANNUAL CONTRIBUTION INCREASE The percentage rate at which the association will increase its contribution to reserves at the end of each year until the year in which the asset is replaced. For example, in order to accumulate \$10,000 in 10 years, you could set aside \$1,000 per year. As an alternative, you could set aside \$795 the first year and increase that amount by 5% each year until the year of replacement. In either case you arrive at the same amount. The idea is that you start setting aside a lower amount and increase that number each year in accordance with the planned percentage. Ideally this figure should be equal to the rate of inflation. It can, however, be used to aid those associations that have not set aside appropriate reserves in the past by making the initial year's allocation less formidable.
- **INVESTMENT YIELD** The average interest rate anticipated by the association based upon its current investment practices.
- **TAXES ON YIELD** The estimated percentage of interest income which will be set aside for taxes.
- ACCUMULATED RESERVE BALANCE The anticipated reserve balance on the first day of the fiscal year for which this report has been prepared. Based upon information provided and not audited.

- PERCENT FULLY FUNDED The ratio, at the beginning of the fiscal year, of the actual (or projected) reserve balance to the calculated fully funded balance, expressed as a percentage.
- PHASE INCREMENT DETAIL/AGE Comments regarding aging of the components on the basis of construction date or date of acceptance by the association.
- **MONTHLY CONTRIBUTION** The contribution to reserves required by the association each month.
- **INTEREST CONTRIBUTION** The interest that should be earned on the reserves, net of taxes, based upon their beginning reserve balance and monthly contributions for one year. This figure is averaged for budgeting purposes.
- **NET MONTHLY ALLOCATION** The sum of the monthly contribution and interest contribution figures.
- **GROUP OR FACILITY NUMBER/CATEGORY NUMBER** The report may be prepared and sorted either by group or facility (location, building, phase, etc.) or by category (roofing, painting, etc.). Standard report printing format is by category.
- PERCENTAGE OF REPLACEMENT In some cases, an asset may not be replaced in its entirety or the cost may be shared with a second party. Examples are budgeting for a percentage of replacement of streets over a period of time, or sharing the expense to replace a common wall with a neighboring party.
- PLACED-IN-SERVICE The month and year that the asset was placed-in-service. This may be the construction date, the first escrow closure date in a given phase, or the date of the last servicing or replacement.
- **ESTIMATED USEFUL LIFE** The estimated useful life of an asset based upon industry standards, manufacturer specifications, visual inspection, location, usage, association standards and prior history. All of these factors are taken into consideration when tailoring the estimated useful life to the particular asset. For example, the carpeting in a hallway or elevator (a heavy traffic area) will not have the same life as the identical carpeting in a seldom-used meeting room or office.
- **ADJUSTMENT TO USEFUL LIFE** Once the useful life is determined it may be adjusted +/- by this separate figure for the current cycle of replacement. This will allow for a current period adjustment without affecting the estimated replacement cycles for future replacements.
- **ESTIMATED REMAINING LIFE** This calculation is completed internally based upon the report's fiscal year date and the date the asset was placed-in-service.

- **REPLACEMENT YEAR** The year that the asset is scheduled to be replaced. The appropriate funds will be available by the first day of the fiscal year for which replacement is anticipated.
- **FIXED ACCUMULATED RESERVES** An optional figure which, if used, will override the normal process of allocating reserves to each asset.
- FIXED MONTHLY CONTRIBUTION An optional figure which, if used, will override all calculations and set the contribution at this amount.
- **SALVAGE VALUE** The salvage value of the asset at the time of replacement, if applicable.
- ONE-TIME REPLACEMENT Notation if the asset is to be replaced on a one-time basis.
- **CURRENT REPLACEMENT COST** The estimated replacement cost effective as of the beginning of the fiscal year for which the report is being prepared.
- **FUTURE REPLACEMENT COST** The estimated cost to repair or replace the asset at the end of its estimated useful life based upon the current replacement cost and inflation.
- **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 representative(s).

11. A Multi-Purpose Tool

Your RDA REPORT is an important part of your association's budgetary process. Following its recommendations should ensure the association's smooth budgetary transitions from one fiscal year to the next, and either decrease or eliminate the need for "special assessments".

In addition, your RDA reserve study serves a variety of useful purposes:

- Following the recommendations of a reserve study performed by a professional consultant can protect the Board of Directors in a community from personal liability concerning reserve components and reserve funding.
- A reserve analysis study is required by your accountant during the preparation of the association's annual audit.
- A reserve study is often requested by lending institutions during the process of loan applications, both for the community and, in many cases, the individual owners.
- Your RDA REPORT is also a detailed inventory of the association's major assets and serves as a management tool for scheduling, coordinating and planning future repairs and replacements.
- Your RDA REPORT is a tool which can assist the Board in fulfilling its legal and fiduciary obligations for maintaining the community in a state of good repair. If a community is operating on a special assessment basis, it cannot guarantee that an assessment, when needed, will be passed. Therefore, it cannot guarantee its ability to perform the required repairs or replacements to those major components which the association is obligated to maintain.
- Since the RDA reserve analysis study includes precise measurements and cost estimates of the client's assets, the detail reports may be used to evaluate the accuracy and price of contractor bids when assets are due to be repaired or replaced.
- The reserve study is an annual disclosure to the membership concerning the financial condition of the association, and may be used as a "consumers' guide" by prospective purchasers.

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The Townhomes at Railroad Springs

Flagstaff, Arizona CFS Reserve Analysis Report Summary

Report Date Jul	y 25, 2016
Version	001
Account Number	4117
Budget Year Beginning	1/ 1/17
Ending	12/31/17
Total Units Included	0
Phase Development	1 of 1

Parameters:			
Inflation Annual Contr Investment Y Taxes on Yie Contingency	ield	ncrease (2.67% 2.67% 0.00% 0.00%
Reserve Fund	Balance a	as of	

Project Profile & Introduction

This community was started in 2006/2007. Refer to the Detail Report by Category section for the dates used to age the components and existing buildings. This report has been calculated using 0 units given that build-out has not occurred.

There is currently \$0.00 in reserves, & no reserve contribution. Thus, the projected January 1, 2017 reserve balance is \$0.00.

Calculation Method: Modified Cash Flow Funding Strategy: Threshold RDA Reports: July 2016.

Cash Flow Specific Summary of Calculations

Monthly Contribution to Reserves Required:		\$4,900.00
Average Net Monthly Interest Contribution This	Year:	0.00
Net Monthly Allocation to Reserves 1/ 1/17 to	12/31/17:	\$4,900.00

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The Townhomes at Railroad Springs Distribution of Accumulated Reserves

REPORT DATE:

July 25, 2016

VERSION:

001

ACCOUNT NUMBER:

4117

DESCRIPTION	REM LIFE	FULLY FUNDED RESERVES	ASSIGNED RESERVES
Concrete Components - Unfunded Irrigation System - Unfunded	0 0	0.00	0.00
Paint - Townhomes (Built 2007) (A) Streets - Seal Coat & Restripe	1	45,818.18 6,145.45	0.00
Paint - Townhomes (Built 2007) (B)	2	42,000.00	0.00
Paint - Townhomes (Built 2012)	3	6,300.00	0.00
Paint - Townhomes (Built 2013-2015)	4	11,700.00	0.00
Paint - Townhomes (Built 2015)	5	4,846.15	0.00
Paint - Townhomes (Built 2016)	6	3,715.38	0.00
Paint - Townhomes (Built 2017)	7	0.00	0.00
Streets - Asphalt Repairs	9	4,269.47	0.00
Mailboxes - Pedestal Sets (2007)	10	3,900.00	0.00
Mailboxes - Pedestal Sets (2013)	16	300.00	0.00
Mailboxes - Pedestal Sets (2016)	19	150.00	0.00
Streets - Asphalt Rehabilitation	21	65,419.35	0.00
Total Asset Summary: Contingency @ 0.00%: Grand Total:		194,563.98 0.00 194,563.98	0.00
Excess Reserves Not Used:			0.00

0 용

The Townhomes at Railroad Springs Cash Flow Specific Projections

REPORT DATE:

July 25, 2016

VERSION:

001

ACCOUNT NUMBER:

4117

Beginning Accumulated Reserves:

\$0

REPORT DATE: July 25, 2016 VERSION: 001 ACCOUNT NUMBER: 4117	
DESCRIPTION	EXPENDITURES
REPLACEMENT YEAR 2017 *** ANNUAL TOTAL:	0.00
REPLACEMENT YEAR 2018 Paint - Townhomes (Built 2007) (A) Streets - Seal Coat & Restripe	51,745.68 6,940.49
*** ANNUAL TOTAL:	58,686.17
REPLACEMENT YEAR 2019 Paint - Townhomes (Built 2007) (B)	53,127.29
*** ANNUAL TOTAL:	53,127.29
REPLACEMENT YEAR 2020 Paint - Townhomes (Built 2012)	11,363.71
*** ANNUAL TOTAL:	11,363.71
REPLACEMENT YEAR 2021 Paint - Townhomes (Built 2013-2015)	30,334.50
*** ANNUAL TOTAL:	30,334.50
REPLACEMENT YEAR 2022 Paint - Townhomes (Built 2015) Streets - Seal Coat & Restripe	23,957.25 7,711.95
*** ANNUAL TOTAL:	31,669.20
REPLACEMENT YEAR 2023 Paint - Townhomes (Built 2016)	56,572.91
*** ANNUAL TOTAL:	56,572.91
REPLACEMENT YEAR 2024 Paint - Townhomes (Built 2007) (A)	60,608.77

DESCRIPTION	EXPENDITURES
Paint - Townhomes (Built 2017)	30,304.39
*** ANNUAL TOTAL:	90,913.16
REPLACEMENT YEAR 2025	
Paint - Townhomes (Built 2007) (B)	62,227.02
*** ANNUAL TOTAL:	62,227.02
REPLACEMENT YEAR 2026	
Paint - Townhomes (Built 2012) Streets - Asphalt Repairs	13,310.11 10,283.01
Streets - Seal Coat & Restripe	8,569.17
*** ANNUAL TOŢAL:	32,162.29
REPLACEMENT YEAR 2027	
Mailboxes - Pedestal Sets (2007) Paint - Townhomes (Built 2013-2015)	10,151.50 35,530.25
*** ANNUAL TOTAL:	45,681.75
MANORE TOTALE.	43,001.73
REPLACEMENT YEAR 2028 Paint - Townhomes (Built 2015)	28,060.70
	•
*** ANNUAL TOTAL:	28,060.70
REPLACEMENT YEAR 2029	66 262 02
Paint - Townhomes (Built 2016)	66,262.82
*** ANNUAL TOTAL:	66,262.82
REPLACEMENT YEAR 2030	
Paint - Townhomes (Built 2007) (A) Paint - Townhomes (Built 2017)	70,989.94 35,494.97
Streets - Seal Coat & Restripe	9,521.68
*** ANNUAL TOTAL:	116,006.59
REPLACEMENT YEAR 2031	
Paint - Townhomes (Built 2007) (B)	72,885.37

DESCRIPTION	EXPENDITURES
*** ANNUAL TOTAL:	72,885.37
REPLACEMENT YEAR 2032 Paint - Townhomes (Built 2012)	15,589.89
*** ANNUAL TOTAL:	15,589.89
REPLACEMENT YEAR 2033 Mailboxes - Pedestal Sets (2013) Paint - Townhomes (Built 2013-2015) *** ANNUAL TOTAL:	2,286.58 41,615.93 43,902.51
REPLACEMENT YEAR 2034 Paint - Townhomes (Built 2015) Streets - Seal Coat & Restripe	32,866.98 10,580.06
*** ANNUAL TOTAL:	43,447.04
REPLACEMENT YEAR 2035 Paint - Townhomes (Built 2016)	77,612.43
*** ANNUAL TOTAL:	77,612.43
REPLACEMENT YEAR 2036 Mailboxes - Pedestal Sets (2016) Paint - Townhomes (Built 2007) (A) Paint - Townhomes (Built 2017) *** ANNUAL TOTAL:	4,949.35 83,149.23 41,574.61
REPLACEMENT YEAR 2037 Paint - Townhomes (Built 2007) (B)	85,369.31
*** ANNUAL TOTAL:	85,369.31
REPLACEMENT YEAR 2038 Paint - Townhomes (Built 2012) Streets - Asphalt Rehabilitation Streets - Asphalt Repairs Streets - Seal Coat & Restripe	18,260.15 352,681.57 14,107.27 11,756.07

DESCRIPTION	EXPENDITURES
*** ANNUAL TOTAL:	396,805.06
REPLACEMENT YEAR 2039 Paint - Townhomes (Built 2013-2015)	48,743.98
*** ANNUAL TOTAL:	48,743.98
REPLACEMENT YEAR 2040 Paint - Townhomes (Built 2015)	38,496.50
*** ANNUAL TOTAL:	38,496.50
REPLACEMENT YEAR 2041 Paint - Townhomes (Built 2016) *** ANNUAL TOTAL:	90,906.02
REPLACEMENT YEAR 2042 Paint - Townhomes (Built 2007) (A) Paint - Townhomes (Built 2017) Streets - Seal Coat & Restripe *** ANNUAL TOTAL:	97,391.17 48,695.58 13,062.81
REPLACEMENT YEAR 2043 Paint - Townhomes (Built 2007) (B) *** ANNUAL TOTAL:	99,991.51
REPLACEMENT YEAR 2044 Paint - Townhomes (Built 2012) *** ANNUAL TOTAL:	21,387.78
REPLACEMENT YEAR 2045 Paint - Townhomes (Built 2013-2015) *** ANNUAL TOTAL:	57,092.93

DESCRIPTION	EXPENDITURES
REPLACEMENT YEAR 2046 Paint - Townhomes (Built 2015) Streets - Seal Coat & Restripe	45,090.26 14,514.80
*** ANNUAL TOTAL:	59,605.06

REPORT DATE:

July 25, 2016

VERSION:

001

ACCOUNT NUMBER:

4117

		•
Concrete Components - Unfunded	QUANTITY UNIT COST	1 comment 0.000
ASSET ID 1001	PERCENT REPL	0.00%
GROUP/FACILITY 0	CURRENT COST	0.00
CATEGORY 10	FUTURE COST	0.00
	SALVAGE VALUE	0.00
PLACED IN SERVICE 0/0		
O YEAR USEFUL LIFE		
+0 YEAR ADJUSTMENT		
REPLACEMENT YEAR 2017		
0 YEAR REM LIFE		

REMARKS:

The following comments also apply to the concrete curbing & valley gutters:

We are not budgeting for repair or replacement of concrete decks, pads, sidewalks, or driveways as a reserve component. It is anticipated that any repairs required will be addressed immediately due to safety concerns. Good maintenance practice won't allow the need for repairs to accumulate to a point of major expense. We recommend that the client includes a line item in the annual operating budget for repairs and/or replacements on an "as needed" basis. However, should the client wish to include budgeting for concrete components, we will do so at their request (cost and useful life to be provided by client).

Streets - Asphalt Rehabilitation	QUANTITY	1 total
ASSET ID 1002 GROUP/FACILITY 0 CATEGORY 10	UNIT COST PERCENT REPL CURRENT COST FUTURE COST	202,800.000 100.00% 202,800.00
PLACED IN SERVICE 1/07 31 YEAR USEFUL LIFE +0 YEAR ADJUSTMENT REPLACEMENT YEAR 2038 21 YEAR REM LIFE	SALVAGE VALUE	352,681.56 0.00

REMARKS:

67,600 - sq. ft. of rehabilitation @ \$3.00 = \$202,800.00TOTAL = \$202,800.00

This component budgets to remove & repave the community asphalt.

Streets - Aspha	lt Repairs	QUANTITY UNIT COST	67,600 sq. ft. 3.000
ASSET ID	1005	PERCENT REPL	4.00%
GROUP/FACILITY	0	CURRENT COST	8,112.00
CATEGORY	10	FUTURE COST	10,283.00
		SALVAGE VALUE	0.00

PLACED IN SERVICE 1/07
12 YEAR USEFUL LIFE
+7 YEAR ADJUSTMENT
REPLACEMENT YEAR 2026
9 YEAR REM LIFE

REMARKS:

This component includes a provision for asphalt repairs. The accumulated funds should be used as needed for repairs in conjunction with the street sealing applications.

The useful life of the asphalt repairs has been adjusted to align with the future seal coating cycle. additional expenses that may be associated with the rehabilitation.

Streets - Seal	Coat & Restripe	QUANTITY	67,600 sq. ft.
		UNIT COST	0.100
ASSET ID	1003	PERCENT REPL	100.00%
GROUP/FACILITY	0	CURRENT COST	6,760.00
CATEGORY	10	FUTURE COST	6,940.49
		SALVAGE VALUE	0.00

PLACED IN SERVICE 1/07
4 YEAR USEFUL LIFE
+7 YEAR ADJUSTMENT
REPLACEMENT YEAR 2018
1 YEAR REM LIFE

REMARKS:

The asphalt hasn't been seal coated since its installation in 2006. It should be seal coated as soon as possible. However, due to a lack of available reserves, the first seal coat is scheduled to occur in 2018, and then on a continuous four year cycle (includes repainting the red curbs).

It should be noted that the repair, seal coat & rehabilitation assets are budgeted to occur simultaneously in 2038. We acknowledge that the seal coat won't be needed in the same year as the rehabilitation. However, in an effort to properly budget for a continuous seal coat cycle, this can't be avoided. The funds available for the seal coat can be used to help offset

Paint - Townhomes (Built 20	007) (A) QUANTITY UNIT COST	24 units 2,100.000
ASSET ID 1010	PERCENT REPL	100.00%
GROUP/FACILITY 0	CURRENT COST	50,400.00
CATEGORY 30	FUTURE COST	51,745.68
	SALVAGE VALUE	0.00

PLACED IN SERVICE 1/07 6 YEAR USEFUL LIFE +5 YEAR ADJUSTMENT REPLACEMENT YEAR 2018 1 YEAR REM LIFE

6 YEAR USEFUL LIFE +6 YEAR ADJUSTMENT REPLACEMENT YEAR 2019 2 YEAR REM LIFE

REMARKS:

The original nine buildings were built in 2006/2007, and need painting at this time. However, due to a lack of reserve funding, and not being able to pass a special assessment, there is no money available to paint these nine buildings at this time. Based on a bid provided by the client dated March 18, 2015, the cost to paint a unit was approximately \$2,032. There are 48 units making up the original nine buildings. This component budgets to repaint the exteriors of 24 units in 2018, and then on a continuous six (6) year cycle.

The nine original buildings include the following units:

Units 17 - 22, 23 - 28, 29 - 32, 33 - 39, 40 - 43, 44 - 47, 48 - 52, 53 - 58 & 59 - 64

** NOTE: Should sufficient funds become available in 2017 the client should go ahead and begin painting these units. The actual paint schedule can be adjusted at the time of a future update of this report.

Paint - Townhomes (Built 2007) (B)	QUANTITY	24 units
ASSET ID 1017	UNIT COST PERCENT REPL	2,100.000 100.00%
GROUP/FACILITY 0	CURRENT COST	50,400.00
CATEGORY 30	FUTURE COST	53,127.29
PLACED IN SERVICE 1/07	SALVAGE VALUE	0.00

Paint - Townhomes (Built 2007) (B), Continued ...

REMARKS:

This component budgets to repaint the exteriors of the other 24 units in 2019, and then on a continuous six (6) year cycle.

Paint - Townhomes (Built 2012)	QUANTITY	5 units
	UNIT COST	2,100.000
ASSET ID 1012	PERCENT REPL	100.00%
GROUP/FACILITY 0	CURRENT COST	10,500.00
CATEGORY 30	FUTURE COST	11,363,71
	SALVAGE VALUE	0.00

PLACED IN SERVICE 7/12 6 YEAR USEFUL LIFE

+2 YEAR ADJUSTMENT

REPLACEMENT YEAR 2020

3 YEAR REM LIFE

REMARKS:

One building was completed in 2012 (Units 94 - 98). This component budgets to repaint this building in 2020, and then on a continuous six (6) year cycle.

Paint - Townhomes (Built 2013-2015)	QUANTITY	13 units
	UNIT COST	2,100.000
ASSET ID 1013	PERCENT REPL	100.00%
GROUP/FACILITY 0	CURRENT COST	27,300.00
CATEGORY 30	FUTURE COST	30,334.50
	SALVAGE VALUE	0.00
PLACED IN SERVICE 1/14 6 YEAR USEFUL LIFE		

+1 YEAR ADJUSTMENT

DEDIACEMENT MEND 202

REPLACEMENT YEAR 2021

4 YEAR REM LIFE

REMARKS:

The following buildings were completed between 2013 - 2015 (used 2014 as an average placed in service date). This component budgets to repaint these buildings in 2021, and then on a continuous six (6) year cycle.

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Units 89 - 93, 115 - 120 & 121 - 122

Paint - Townhomes (Built 2015)	~	NTITY COST	10 units 2,100.000
ASSET ID 101	4	PERCENT		100.00%
GROUP/FACILITY	-)	CURRENT		21,000.00
CATEGORY 3	0	FUTURE	COST	23,957.26
		SALVAGE V	VALUE	0.00

PLACED IN SERVICE 7/15 6 YEAR USEFUL LIFE +1 YEAR ADJUSTMENT REPLACEMENT YEAR 2022

5 YEAR REM LIFE

REMARKS:

The following buildings were completed in 2015. This component budgets to repaint these buildings in 2022, and then on a continuous six (6) year cycle.

Units 65 - 70 & 129 - 132

Paint - Townhomes (Built 20	16) QUANTITY UNIT COST	23 units 2,100.000
ASSET ID 1015	PERCENT REPL	100.00%
GROUP/FACILITY 0	CURRENT COST	48,300.00
CATEGORY 30	FUTURE COST	56,572.91
	SALVAGE VALUE	0.00

PLACED IN SERVICE 7/16 6 YEAR USEFUL LIFE +1 YEAR ADJUSTMENT REPLACEMENT YEAR 2023

6 YEAR REM LIFE

REMARKS:

The following buildings were completed in 2016. This component budgets to repaint these buildings in 2023, and then on a continuous six (6) year cycle.

Units 11 - 16, 83 - 88, 104 - 108, 123 - 125 & 126 - 128

Paint - Townhom	es (Built 2017)	QUANTITY UNIT COST	12 units 2,100.000
ASSET ID	1016	PERCENT REPL	100.00%
GROUP/FACILITY	1010	CURRENT COST	25,200.00
CATEGORY	3.0	FUTURE COST	30,304.39
CATEGORI	30	SALVAGE VALUE	0.00

PLACED IN SERVICE 1/17
6 YEAR USEFUL LIFE
+1 YEAR ADJUSTMENT
REPLACEMENT YEAR 2024
7 YEAR REM LIFE

REMARKS:

The following buildings have been started in 2016, and we anticipate that they will be completed in 2017. This component budgets to repaint these buildings in 2024, and then on a continuous six (6) year cycle.

Units 77 - 82 & 109 - 114

Irrigation System - Unfunded	QUANTITY UNIT COST	1 comment 0.000
ASSET ID 1009	PERCENT REPL	0.00%
GROUP/FACILITY 0	CURRENT COST	0.00
CATEGORY 100	FUTURE COST	0.00
	SALVAGE VALUE	0.00
DIACED IN SERVICE O/O		

PLACED IN SERVICE 0/0 0 YEAR USEFUL LIFE

+0 YEAR ADJUSTMENT

REPLACEMENT YEAR 2017

O YEAR REM LIFE

REMARKS:

We have been advised that irrigation systems (pvc piping, sprinkler heads, valves, etc.) have a useful life of approximately 20 years, and should be included as a reserve component. However, budgeting for the replacement of the irrigation system requires evaluating the present condition (remaining useful life) and replacement cost - both of which call for expert evaluation, but fall outside the scope of a reserve study. Therefore, we recommend that the client have the system evaluated to determine these two factors so that budgeting can be included in a revision or future update of this report.

Mailboxes - Pedestal Sets (2007)	QUANTITY	1 total	
ASSET ID 1006	UNIT COST PERCENT REPL	7,800.000	
GROUP/FACILITY 0	CURRENT COST	7,800.00	
CATEGORY 100	FUTURE COST	10,151.50	
PLACED IN SERVICE 1/07	SALVAGE VALUE	0.00	

PLACED IN SERVICE 1/07 20 YEAR USEFUL LIFE +0 YEAR ADJUSTMENT REPLACEMENT YEAR 2027

10 YEAR REM LIFE

REMARKS:

2 - 8 box sets w/2 parcel lockers @ \$ 1,500.00 = \$ 3,000.00 3 - 16 box sets w/2 parcel lockers @ 1,600.00 = 4,800.00 TOTAL = \$ 7,800.00

These mailboxes were manufactured in February 2006.

Mailboxes - Pedestal Sets (2013)	QUANTITY UNIT COST	1 total 1,500.000
ASSET ID 1007	PERCENT REPL	100.00%
GROUP/FACILITY 0	CURRENT COST	1,500.00
CATEGORY 100	FUTURE COST	2,286.59
	SALVAGE VALUE	0.00
PLACED IN SERVICE 1/13 20 YEAR USEFUL LIFE +0 YEAR ADJUSTMENT REPLACEMENT YEAR 2033		

REMARKS:

16 YEAR REM LIFE

1 - 12 box set w/1 parcel locker @ \$ 1,500.00 = \$ 1,500.00 TOTAL = \$ 1,500.00

This mailbox was manufactured in October 2012.

Mailboxes - Pedestal Sets (2016)	QUANTITY	1 total
	UNIT COST	3,000.000
ASSET ID 1008	PERCENT REPL	100.00%
GROUP/FACILITY 0	CURRENT COST	3,000.00
CATEGORY 100	FUTURE COST	4,949.36
	SALVAGE VALUE	0.00
PLACED IN SERVICE 1/16		

20 YEAR USEFUL LIFE +0 YEAR ADJUSTMENT REPLACEMENT YEAR 2036 19 YEAR REM LIFE

REMARKS:

2 - 12 box sets w/1 parcel locker @ \$ 1,500.00 = \$ 3,000.00 TOTAL = \$ 3,000.00

These mailboxes were manufactured in April 2015.

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TOTAL ASSET LINES INCLUDED: 15