PM+_{Reserves}

Veteran Owned Business

SPECIALIZING IN RESERVE STUDIES SINCE 1990 A PROFESSIONAL CORPORATION

Your HOA-FY18

Level I Full Reserve Study



Chantilly, VA

April 26, 2017

YOUR HOA

Prepared for:

Board of Directors



Engineer

Mario B. "Ben" Ginnetti, PRA, RS, P.E.

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EXECUTIVE SUMMARY

KEY TO UNDERSTANDING STUDY RESULTS – The purpose of a reserve study is to establish a financial plan for keeping the property's common and limited common elements in good repair. The plan is developed by identifying the component, assessing its condition and estimating both the time when work will be needed and cost of work. In a **PM+** study these entries can be found beginning on page A1, columns (1), (4) and (5). Those entries combined with reserve savings, current reserve contribution, interest and inflation rates and how much of a contingency should be preserved to fund unforeseen events are the factors that determine the reserve contribution.

RELEVANT DATA

1st Study Year FY18 FY Begins 1-Jan-18 Inspection Date(s) 25-Apr-17 # Units 140 \$240,000 AOH Start FY18 ◆
37,000 Your Contribution in FY17 ◆
1.76% Inflation ◆◆
2.82% Interest ◆◆

- <u>AOH</u> (cash/investments start of fiscal year) and Current Year Contribution were provided to PM+ and were best estimates available when provided, they are not audited amounts.
- ♦▲ INTEREST AND INFLATION factors¹ best project the future needs of the property. Inflation is based on the last tenyear average for the Consumer Price Index (CPI); interest on savings is based on the ten-year average of the Constant Maturity Yield for the 10-Year U.S. Treasury note.

NOTE – If changes to amounts/factors are desired PM+ will provide a revised study, if requested.

 <u>THE FOLLOWING TABLE COMPARES AND SUMMARIZES</u> the reserve funding plans. Association column is based on the contribution approved by the board of directors or last year's contribution adjusted for inflation. Each portrays total funding, amounts expected from interest and contributions, and minimums and maximums year end balances anticipated over 30 and 50-years:

——— CONTRIBUTION & F	UNDING SUM	<u> MARY</u> ———
	Association ²	PM+
	Planned	Recommended
	Contribution	Contribution
Reserve Contribution FY18	\$37,650	\$32,290
Avg Owner Contribution FY18	269	231
Avg Owner Contribution/Month	22.41	19.22
30-Year Income	1,818,920	1,507,610
Income From Interest	347,470	245,800
Income From Assessments	1,471,450	1,261,810
30-Year Min Balance	256,050	126,060
30-Year Max Balance	643,260	401,410
50-Year Min Balance	661,280	209,020
50-Year Max Balance	1,321,870	585,540

ANALYSIS:

• Study findings are shown above and can be summarized - "the association's current contribution is more than needed to meet the reserve needs of the property."

1

1. Although factors used may not prove to be precise they should be reasonable predictors of cost increases and contributions needed to support the reserve requirement over the life of the study.

2. If the study is being done for other than the current fiscal year, inflation is applied to prior year contribution.

- Both the association planned contribution and PM+ recommended contribution use the "Cash Flow" method as defined by the Community Association Institute (CAI) and the Association of Professional Reserve Analysts (APRA) for determining the reserve requirement. Most professional reserve providers, accountants and managers agree cash flow is the preferred method for funding reserves.
- "Component" method calculations are also provided to show the contribution needed if this method is used. Difference between cash flow and component method is cash flow averages the annual expenses over the life of the study to level out the needed contribution, yearly increases are mostly attributable to inflation. Component method is driven mostly by the estimated cost and remaining useful life for the next time work may be needed. Consequently, owner contributions will vary significantly from year to year. See page A3, columns (17) and (20), for a comparison of the contribution plans. Regardless of the plan chosen, both plans require the same amount of funding to pay 30-year expenses. Cash flow studies are considered valid for at least three years before updating; component studies should be update annually.
- The recommended owner contribution assumes interest earned on savings will be applied to the reserves and not
 used to offset operating account expenses or used for other purposes. If interest is not applied to the reserves, then
 the annual contribution will need to be increased by the interest amount.
- Funding plan dollar amounts shown on page A3 in columns (15), (18) and (21) are the approximate year end balances, both minimum and maximum, that can be expected if the plans are funded as shown. Properly funded plans will meet the following objectives: 1) funds are always available for needed work, 2) there is always a minimum savings balance available to provide for unforeseen contingencies, and 3) when studies are updated, there is not a substantial increase needed to meet the reserve requirement. To avoid substantial increases PM+ studies take into consideration the first thirty-years of the study and an additional twenty-years, making the "look at" period a total of fifty-years. The 50-year projection is to assure the recommended contribution is based on a sound long range analysis of the property's reserve needs.

RECOMMENDATION:

Fund the reserves to the recommended amount.

WHERE THE CONTRIBUTIONS TO THE RESERVES GO IN 30-YEARS:



STUDY INFORMATION

THIS STUDY is the initial engagement for the property by **PM+**. **PM+** has neither collaborated with nor provided consulting advice to others on issues pertaining to the property.

THIS IS A LEVEL I FULL STUDY with on-site visit. The association requested a Level I Full Study.

<u>STUDY WAS DONE</u> in its entirety by Mario B. "Ben" Ginnetti, a registered professional engineer (**P.E.**) licensed to practice engineering in the states of Virginia, Maryland and the District of Columbia. Mr. Ginnetti is also a CAI Certified Reserve Specialist (**RS**) and a Professional Reserve Analyst (**PRA**).

<u>RESERVE STUDY</u> criteria is defined by the Community Association Institute (CAI) and the Association of Professional Reserve Analysts (APRA). In complying with the criteria this study compares the "Associations" current funding plan to the two recommended methods for preparing reserve studies, "Cash Flow (AKA Pooling)" and "Component." This is a reserve study only - no other use is intended.

<u>STUDY WAS COMPILED</u> in accordance with generally accepted standards and represents our professional opinion on the components, timing and dollar amounts that should be budgeted for repair and replacement. In compiling this study information was obtained from drawings, field measurements, visual observations and management (information provided by management is considered to be reliable). Also taken into consideration are construction features, current conditions and component age. Testing was not performed, nor was demolition done or panels removed to determine conditions that are not obvious. Based on our observations and the information gained during the visit this study contains, to the best of our ability, all material issues required to determine the funding needed to meet the property's reserve requirement.

FOR PROPERTIES LOCATED IN THE STATE OF VIRGINIA, Virginia Statutes, 2003 Condominium and Property Owner's Association Act require the association to conduct reserve studies at least every five years, review the results of the study at least annually and make adjustments as necessary unless the condominium instruments/declaration imposes more stringent requirements. Your attention is called to Sections 55-79.83:1or 55-514.1 of the Statutes for the complete text.

AGE, UNITS AND STYLE

Constructed in 1997. 140-units; 70-single family, 70-townhomes. Major amenities – tot-lot.

CASH FLOW AND COMPONENT METHOD STUDIES

This study was calculated using both the Cash Flow and Component methods. A synopsis of each method:

CASH FLOW METHOD - This method develops the funding plan by having the annual contributions offset the variable annual expenses. All expenses are averaged over the life of the study to calculate the annual contribution needed to support the reserve requirement. Yearly contribution increases are mostly attributed to inflation.

COMPONENT METHOD - This method develops the funding plan by dividing the remaining useful life into the balance needed to fund the component for <u>only</u> the next cycle of work. Yearly contributions can vary significantly from year to year depending on where the components are in their life cycle. Contributions needed to pay expenses will equal the cash flow method over the life of the study.

FUNDING GOAL

This study complies with the "Threshold Funding Plan" established by the Community Association Institute (CAI) for reserve studies. Funding goal objective is to keep the reserve balance above a specified dollar or Percent Funded amount.

IN DEVELOPING the reserve we consider components that have a predictable life cycle as well as those that will

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most likely need annual maintenance and repairs to keep them in serviceable condition. They are as follows:

PREDICTABLE LIFE CYCLE

These components have a predictable life cycle (an average useful life). At the end of its useful life total replacement will be needed.

ANNUAL ALLOWANCES

We reserve an average annual amount for these components. They are typically "life of the property" or long lasting components that do not have a predictable life cycle. We assume the association will keep these components in satisfactory condition with timely spot repairs.

FOLLOWING CONSIDERATIONS should be taken into account to properly manage the reserves: 1) properly funded reserves avoids "special assessments", 2) each owner should pay their fair share for the time they use the component, 3) when reserve funds are available the Association is more inclined not to defer work; deferral results in additional deterioration and "catch-up" costs to restore the component to a good condition, 4) government mortgage guarantees agencies, i.e. FHA, require a current reserve study to be available before backing a loan, and 5) some state laws require them. In addition to these considerations, a new factor has recently become apparent. Years ago owners were poorly informed on the importance of the reserves and paid very little attention to whether or not a property had an adequate plan for funding the reserves. With the inclusion of reserve tables in resale packages and other publicity, many potential buyers are now verifying the reserve status before they buy.

<u>ALTHOUGH</u> we use generally accepted techniques and best information available, it is possible actual costs and useful lives can vary significantly from our estimates. We recognize that possibility and attempt with our methodology to arrive at the overall funding recommendation that will avoid, or minimize the amount of funding if a special assessment is needed to do reserve work.

FOR THE RESERVES to be an effective budget management tool it will need periodic updates. Because reserves on hand, current costs, quality of maintenance, acts of God, vandalism, and useful life can vary from year to year, a periodic review will assure it remains an effective management tool. We recommend studies be updated <u>every 3 years</u>.

<u>UNLESS OTHERWISE NOTED</u> this study does not take into consideration any work the association may need to correct hazardous or defective conditions, such as issues with asbestos, radon, lead, mold, FRT, etc., nor will it fund major projects to repair/replace facades, building tension cables, utilities and other essential systems. Projects of this nature require the services of engineers or other consultants to determine scope, timing and projects costs. If requested, once costs and project timing are known, we will provide a revised study at no additional cost.

FOR ANY RESERVE PROJECTS in progress on the date(s) of our visit our observation of the work should not be considered a project audit or quality control inspection. We leave that to others to determine.

IF WE DESCRIBE PREVENTIVE MAINTENANCE recommendations in this study they are intended to be general in nature and the most common tasks needed to extend useful life. They are not all inclusive; we do not imply that is all that is necessary for good maintenance. Manufactures' brochures, service specialty companies, and other qualified sources should be consulted to establish the full array of actions needed for proper preventive maintenance.

FUNDING FROM RESERVE VERSUS OPERATING ACCOUNT - There could be components in this study the association is funding from the operating account. When there are we recommend they be funded from the reserves. When components are worked on it usually extends their useful life - a proper reserve expense. Reserve funds are intended to keep property components in good repair and to replace those that need replacing; operating funds are intended for maintenance and reoccurring operating expenses.

MAINTENANCE/REPAIR/REPLACEMENT TIPS & RESERVE CONSIDERATIONS

THERE ARE THREE LEVELS of care needed to maximize the useful life of equipment and property components: 1) Maintenance, 2) Repair and 3) Replacement.

MAINTENANCE is taking care of a component by doing such tasks as sealing pavement cracks to prevent water from undermining the base, painting to prevent metal corrosion or wood rot, lubricating moving parts on mechanical equipment, fan belt adjustments, etc. It involves the least expenditure of funds and is the best way to maximize useful life. Repair is replacing a portion of a component, such as, a section of pavement, a part of a roof, an air conditioning compressor, etc. It's usually more expensive than maintenance. The most costly is replacement. It involves the entire replacement of the component.

<u>APPLICATION</u> of good maintenance and repair techniques can be explained by the following example: An asphalt parking lot of 1000 square yards develops a 10 foot long crack in the surface. The crack can be sealed for about a dollar a linear foot. By doing so, water will not seep through the asphalt causing damage to the base course. That simple maintenance action extended the useful life of the pavement at minimum cost. Assume the crack was not sealed and it grew to a 12' by 12' base damaged area. Cost of repairs would be approximately 60 times as much as fixing the crack. If the damaged area was not repaired and eventually the entire lot had to be replaced it would cost considerably more. Therefore, the prudent thing to do is good maintenance. It's the least costly of the three levels of work.

PRIOR TO TOTALLY REPLACING a component, e.g., a roof, a fence, an air conditioner, etc., all measures should be taken to extend the useful life of the component with repairs. If the roof is leaking do not automatically think the entire roof needs to be replaced. Most leaks occur around penetrations and flashed areas and they can be repaired for less than replacing the entire roof. Fence posts almost always rot out at ground level before the rest of the fence. Posts can be replaced without purchasing a complete new fence. The same applies to most mechanical/electrical equipment. Tube leaks frequently occur in boilers; compressor failures occur in air conditioners and circuit breakers wear out in electric panels. These kinds of failures are repairable without replacing the entire component. The reserve table should be used as an aid in establishing budgets - not as a work plan. When used as a budget management tool its effectiveness will be recognized when funds are readily available to do work - when it must be done. Do not use the remaining useful life data as a work plan. It should be treated as a "window of probable expectancy", based on statistical information, historical trends, conditions at time of survey and experience of when repair or replacement is most likely to be needed. Actual work should not be done until needed. For example, if paving is estimated to need replacement in five years but it's not a problem at that time, put it off until it is a problem. Conversely, if repairs are necessary sooner, do them sooner.

<u>WHEN CONTRACTING</u> for services, seek competitive bids and purchase only what's necessary to restore the component to its "like original" condition. Include state-of-the-art improvements but avoid over buying or substantially enhancing a component beyond its original condition. Such improvements are not included in the cost estimates.

CATASTROPHIC FAILURES to such components as footers, foundations, floors, exterior walls and total replacement of utility systems, etc., are not included in the table. They are not included because they are not predictable and it is rare that these components have to be replaced in total. We do recommend a reasonable annual amount be set aside for some repairs and reflect that in the reserve table.

FUNDING FOR RESERVES SHOULD BE FAIR TO ALL OWNERS; past, present and future. The worst case scenario for a property is to have no money set aside to pay for repairs/replacements forcing the current owners to pay the total cost. Additionally, having insufficient reserves also presents some injustices as illustrated by the following example:

Mr. and Mrs. "X" owned a unit at the property for the first ten years of its existence when reserve funding was suppressed and insufficient to take care of future problems. Mr. and Mrs. "X" sell their unit and leave. Five years after

they leave the pavement and sidewalks need to be repaired. Mr. & Mrs. "Y" now own the unit and receive notice they are to be "specially assessed" to pay for the repair costs.

For demonstration purposes let's say the pavement and sidewalk repairs costs \$150,000 and the association has \$50,000 in the reserve account. Let's also assume there are 100 units at this property.

Over the last fifteen years, past and present owners set aside \$50,000 to take care of the \$150,000 expenditure. Expressed in \$/year that equates to \$3,333/yr. or \$33.33 per owner per year.

Mr. & Mrs. "X" had the benefit of good paving and sidewalks for 10 years at a total cost to them of \$333.30. Unfortunately for Mr. & Mrs. "Y", they only used the components for five years, but it will cost them \$1166.50 for their share of the repairs.

Calculations for the above are as follows:

5 years they lived there X \$33.33/yr. = \$166.50

The difference between amount in reserves and repair costs divided by number of unit owners:

(\$150,000-50,000)/100 = \$<u>1000.00</u> Total cost to Mr. & Mrs. "Y" = \$1166.50

Or, said another way:

Mr. and Mrs. "X" used the components for 66% of their useful life but only paid 22% of the repair cost.

Mr. and Mrs. "Y" used the components for 34% of their useful life but had to pay 78% of the cost.

For funding to be fair all owners should contribute their share of the costs for the period of time they use the component.

READING and UNDERSTANDING TABLES & CHARTS

RELEVANT DATA

Study fiscal year, inspection date(s), units, association's financial data, and interest/inflation rates.

CONTRIBUTION SUMMARY

Financial summary of study results.

TABLE OF REPAIR & REPLACEMENT RESERVES

The Repair and Replacement Table shows the common or limited common element, average and remaining useful life, and estimated cost for work. This information, for the most part, is self-explanatory; however, when we believe more information is needed, we provide comments or use photographs.

Column

- (1) The property components the association should include in the reserves. Where a 15%, 30%, etc., is shown it means total replacement of the item is not anticipated. If we have omitted or added components that are not common or limited common area responsibility, please inform us so we can provide a revised table. It also applies if the association accomplishes the work from their annual operating expense and a reserve set-aside is not needed. If components are included that are operating expenses, we leave it to others to determine the correct tax consequence of the component.
- (2) Approximate quantity and unit of measure. The following abbreviations are used; however, they may not all appear in this study:
 - AC Acres AOH - Amount-On-Hand AnAvg - Annual Average BLD - Building EA - Each CY - Cubic Yards
- LF Linear Feet LS - Lump Sum HP – Horsepower RC - Replacement Cost SF - Square Feet SY - Square Yards
- TN Tons UN - Units > - Greater Than < - Less Than
- (3) The components' average useful life (Avg). Leading publications on useful life data, our own experiences and historical trends are used to determine average useful life.
- (4) Our best estimate of the remaining useful life (RUL). Some components in the table may not fail precisely as shown. We use the remaining useful life in conjunction with the estimated cost to calculate the annual contribution needed to fund the component. Actual remaining useful life can be significantly different.
- (5) Estimated costs are in current dollars; actual cost can be significantly different. Estimates are based on similar work in the greater Washington area, association experience, industry publications, such as R.S. Means and HomeTech, contractors and other reliable sources. It assumes the association will competitively seek bids and obtain a fair price in today's market. Some work, such as balconies, roofing, garages, façade, boiler and chiller replacements, etc. may need the services of an engineer or architect to determine scope and oversee repairs. Those estimates take precedence over those shown in the table. Some costs can be more predictable than others, i.e., when roofs and pavements are replaced the entire component will most likely be replaced so a total replacement costs can be estimated. Other components, such as closed loop piping, plumbing, electrical and fire protection systems may not need total replacement and will continue to perform with sub-systems being repaired. For these components, we reserve a reasonable amount for this work.
- (6) Distribution of the funds the association had (is projected to have) at the start of their fiscal year or the amount we were requested to use. The program distributes a prorated amount to each component.
- (7) The amount needed to fund the balance of the requirement.

- (8) The contribution needed to fund the 1st year applying the cash flow method. This value is the product of the components and the Funding Plans 30 Year Projection chart. The annual contribution is calculated so that the reserve balance never falls below the "X" axis and there is always a minimum balance for unforeseen contingencies.
- (9) The contribution needed to fund the 1st year applying the component method.

Fiscal Years 1 - 10 Expense Projection – Projected cash out-lays over the first ten years of the study.

Fiscal Years 11 - 30 Expense Projection – Projected cash out-lays over the next twenty years of the study.

Average Contribution Per Owner - The average contribution needed per owner to fund the 1st year reserve contribution. This amount is not indicative of each owner's individual contribution.

FUNDING PLANS - 30 YEAR PROJECTION

Column

- (10) Fiscal Year.
- (11) Projected annual expenses.
- (12) Cumulative expenses over 30-years.
- (13), (16) and (19) Interest earned per funding plan based on previous year end balance.
- (14), (17) and (20) Contribution per funding plan, inflation applied.
- (15), (18) and (21) Projected year-end balance per funding plan.

GRAPHS

Graphs depict the projected contributions and year end balances for each plan. The contribution objective should be to have a consistent contribution, year after year, that can be maintained with inflation adjustments. Avoid fluctuating contributions as they can impose financial hardships on owners. The plot objective for the reserve balance is to have the year end balances always above the "X" axis. If it falls below, it indicates a special assessment or loan will be needed to support the reserves.

SUMMARY

- 30-Year Income projected from interest and owners.
- 30 & 50-Year Minimum/Maximum Balances includes contingency for unforeseen events.

PROPERTY COMPARISON (NOT SHOWN IN SOME STUDIES)

The "Property Comparison" chart compares the property's current funding to the last properties we have studied. The comparison shows the maximums, minimums, property averages and medians compared to your property. Property features differ from one property to another so consider these as averages only and not a true comparison on your property to another similar property. Three comparisons are made:

- % Funded Ratio of the <u>current</u> to the <u>ideal</u> Reserve Balance for each component in the Reserve Table. The ratio is a product of the "used-up" life, useful life and component cost.
- Reserve Depletion Factor Number of years amount-on-hand will fund (It's the same as the "go broke" date if no more money is added to the reserves).
- Cost Per Owner Average contribution per owner needed to meet the reserve requirement. Dollar amounts will vary
 from property to property based on construction features, common/limited common elements, past contributions to
 the reserves and other factors that may not result in a true comparison.

Picture of single family housing. Photo deleted in this sample to withhold property identification.

Picture of townhome housing. Photo deleted in this sample to withhold property identification.

Typical view of single family housing and attached homes. Community is comprised of 40-single family and 100-townhomes.



Pavement condition is fair except for area shown in left photo. This area should be repaired to prevent deterioration from spreading. Open cracks also need to be sealed. Pavement upkeep is a major expense for association; effective preventive maintenance can reduce cost and extend pavement useful life. See our recommendations in the "Comments Section" for proper care of asphalt pavements.



Concrete sidewalks need to be kept level to avoid trip hazards. Repairs should be done as needed to keep them in good repair.



Reserve provides for the tot-lots to be replaced at the end of normal useful life and fill replenishment every two years. Children falling on non-absorbing material causes 70% of tot-lot injuries.



Reserve provides for sealing open cracks, periodic color coating, lighting/bench repairs/replacement and court rebuilding at end of asphalt useful life.



When retaining wall total replacement is needed consider installing a modular block (segmented) system. These systems have a longer useful life and require less maintenance.



Typical of retaining walls - top rail usually deteriorate. Rest of the wall is structurally sound - replacing top rail will extend the walls useful life.



Useful life of fencing can be extended by painting/staining, nailing or screw fastening warped boards, straightening and doing other repairs, as needed.



Mail boxes will eventually need to be replaced as locks, doors and hinges wear out. Only townhome boxes are included; single family units are owner responsibility.

PHOTOGRAPHS



Typical street light - reserve entry does not assume all units will be replaced at once but rather spot repairs to posts, fixtures, ballasts, sensors, etc. will be made as needed.



Electric service to entrance feature flood lights, wiring and electric panels are reserve components. As is upkeep of the irrigation system that can be kept in good repair with spot repairs.



A reasonable amount to replace dead or diseased trees and shrubbery. Does not include normal landscaping upkeep, which is funded from the operating account nor large scale improvements.



We reserve for signs to be replaced. Well maintained signs enhance property appearance.

Other Photo's as needed.

APPENDIX A

TABLE OF REPAIR/REPLACEMENT RESERVES AND YEARS 1-10 EXPENSES

Level I Full Reserve Study

COMPONENT	APPRO) QUAN	X'MT Tity	USEFUL AVG (YR	LIFE REM S)	ESTIMATED COST IN CURRENT \$	DISTR'BTN OF AOH AS OF	BALANCE NEEDED TO FUND RESERVE	FY18 CONTRIBU CASH FLOW C	TION COMPONENT	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
(1)	(2)		(3)	(4)	(5)	(6)	(7)	(8)	(9)										
PAVEMENTS/CONCRETE																			
PAVEMENTS																			
PREVENTIVE MAINTENANCE	Deleted	SY	4	1	24,030	10,320	13,710	6,860	6,670	24,030	0	0	0	25,770	0	0	0	0	0
PAVEMENT OVERLAY	in	SY	15	8	146,250	62,800	83,450	5,220	5,080	0	0	0	0	0	0	0	165,250	0	0
BASE/SUB-BASE/REPAIRS	Sample	SY	15	8	18,280	7,850	10,430	650	630	0	0	0	0	0	0	0	20,650	0	0
IMMEDIATE REPAIRS FOR LIFE EXTENSION		LS	NA	1	29,250	12,560	16,690	8,350	8,120	29,250	0	0	0	0	0	0	0	0	0
CONCRETE											_		-			_	_	_	
SIDEWALKS/CURBS/GUTTERS OTHER CONCRETE	¥	LF	4	1	4,700	2,020	2,680	1,340	1,300	4,700	0	0	0	5,040	0	0	0	0	0
TOTAL PAVEMENTS/CONCRETE					222,510	95,550	126,960	22,420	21,800										
RECREATION																			
		Ξ.	05	10	50.000	04 470	00 500	750	700	•	0	0	•	•	0	0	0	0	0
			20	19	50,000	21,470	20,530	750	730	1 000	0	1 0 4 0	0	1 070	0	1 1 1 0	0	1 150	0
		EA	2		1,000	430	570	290	200	1,000	0	1,040	0	1,070	0	1,110	0	1,150	0
		E٨	5	1	3 200	1 370	1 830	020	800	3 200	٥	٥	٥	٥	3 100	٥	٥	٥	٥
		ΕA	20	10	12 000	1,570	23 960	1 200	1 170	3,200 0	0	0	0	0	3,490 0	0	0	0	10 1/0
		ΕA	20	10	42,000	9 280	12 320	3/0	330	0	0	0	0	0	0	0	0	0	43,140
			30	18	15 120	5,200	8 630	2/0	230	0	0	0	0	0	0	0	0	0	0
PARK BENCHES		FA	30	18	1 900	820	1 080	.30	30	0	0	0	0	0	0	0	0	0	0
Trink Benones		2/(00	10						Ū	0	Ū	0	0	Ū	0	0	0	Ū
TOTAL RECREATION					134,820	57,900	76,920	3,770	3,660										
OTHER PROPERTY FEATURES																			
ENTRANCE(S)																			
ENTRANCE FEATURE-REPOINT/SINAGE/CLEANING		LS	5	1	2,500	1,070	1,430	720	700	2,500	0	0	0	0	2,730	0	0	0	0
FLOOD LIGHTS/ELECTRIC PANEL/WIRING		LS	20	8	2,500	1,070	1,430	90	90	0	0	0	0	0	0	0	2,820	0	0
TREES/SHUBBERY																			
DISEASED/DEAD REPLACEMENT		LS	3	1	3,000	1,290	1,710	860	830	3,000	0	0	3,160	0	0	3,330	0	0	3,510
FENCING/RETAINING WALLS																			
8' SOLID BOARD FENCE		LF	20	13	59,200	25,420	33,780	1,300	1,260	0	0	0	0	0	0	0	0	0	0
6' SOLID BOARD FENCE		LF	10	8	17,500	7,510	9,990	620	610	0	0	0	0	0	0	0	19,770	0	0
6' CHAIN LINK FENCING		LF	35	23	7,500	3,220	4,280	90	90	0	0	0	0	0	0	0	0	0	0
WOOD RETAINING WALL-RETENTION POND		SF	35	23	45,900	19,710	26,190	570	550	0	0	0	0	0	0	0	0	0	0
SITE FEATURES																			
MAILBOX-STREET		UN	25	13	28,000	12,020	15,980	610	600	0	0	0	0	0	0	0	0	0	0
POLE LIGHTING		EA	30	18	33,000	14,170	18,830	520	510	0	0	0	0	0	0	0	0	0	0
SITE ITEMS		LS	1	1	2,500	1,070	1,430	720	700	2,500	2,540	2,590	2,630	2,680	2,730	2,780	2,820	2,870	2,930
TOTAL OTHER PROPERTY FEATURES					201,600	86,550	115,050	6,100	5,940										
TOTAL RESERVES					\$558,930	\$240,000	\$318,930	\$32,290	\$31,400	\$70,180	\$2,540	\$3,630	\$5,790	\$34,560	\$8,950	\$7,220	\$211,310	\$4,020	\$55,580
							LILLE DV40	======	CO4 400	======	======	=====	=====	======	======	======	=====	=====	======
					R	eserve Contri	Dution FY18	\$32,290	\$31,400										
					Avg	Owner Contri	DUTION FY18	231	224										
Notes:					Avg O	wner Contrib	ution/Month	19.22	18.69										

All dollars rounded to nearest \$10. Totals may not add due to rounding.

One year remaining useful life indicates the useful life of the component is used up.

COMPONENT	USEFUL LIFE AVG REM		ESTIMATED COST IN																				
	(YR	S)	CURRENT \$	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
(1)	(3)	(4)	(5)																				
PAVEMENTS/CONCRETE																							
	4	1	24.020	0	20 110	0	٥	٥	21 220	0	0	0	22 470	٥	0	0	0	0	0	27 920	٥	٥	٥
	4	ו 8	24,030	0	29,110	0	0	0	31,220	0	0	0	33,470	0	0	214 680	0	0	0	37,020	0	0	0
BASE/SUB-BASE/REPAIRS	15	8	140,230	0	0	0	0	0	0	0	0	0	0	0	0	214,000	0	0	0	0	0	0	0
	NΔ	1	29,250	0	0	0	0	0	0	0	0	0	0	0	0	20,000	0	0	0	0	0	0	0
CONCRETE	INA.	'	25,250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SIDEWALKS/CURBS/GUTTERS OTHER CONCRETE	4	1	4.700	0	5.690	0	0	0	6.110	0	0	0	6.550	0	0	0	0	0	0	7.400	0	0	0
TOTAL PAVEMENTS/CONCRETE			222 510		-,				-, -				.,							,			
			222,010																				
RECREATION																							
										•		~~			•								
	25	19	50,000	0	0	0	0	0	0	0	0	68,450	0	0	0	0	0	4 500	0	0	0	0	0
	2	1	1,000	1,190	0	1,230	0	1,280	0	1,320	0	1,370	0	1,420	0	1,470	0	1,520	0	1,570	0	1,630	0
COLOR COAT/NETS	5	1	3 200	0	0	0	٥	4 090	0	0	0	0	4 460	0	0	0	0	4 860	0	0	0	0	0
MAJOR COURT REPAIRS	20	10	42 000	0	0	0	0	4,000 0	0	0	0	0	۰,+00 ۵	0	0	0	0	4,000	0	0	0	0	033 93
LIGHTS/POSTS	30	18	21 600	0	Ő	Ő	0	0	0	Ő	29 060	0	0	0	Ő	Ő	0	0	Ő	0	0	0	00,000
10' CHAIN LINK FENCE	30	18	15 120	0	Ő	Ő	Ő	0	0	Ő	20,340	0	Ő	0	Ő	Ő	0	Ő	Ő	0	0	0	Ő
PARK BENCHES	30	18	1,900	0	0 0	0 0	0	0	0	0	2,560	0	0	0	0	0	0	0	0	0	0	0	0
											,												
TOTAL RECREATION			134,820																				
OTHER PROPERTY FEATURES																							
ENTRANCE(S)	-																						
ENTRANCE FEATURE-REPOINT/SINAGE/CLEANING	5	1	2,500	2,980	0	0	0	0	3,250	0	0	0	0	3,540	0	0	0	0	3,870	0	0	0	0
FLOOD LIGHTS/ELECTRIC PANEL/WIRING	20	8	2,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,000	0	0
TREES/SHUBBERY																							
DISEASED/DEAD REPLACEMENT	3	1	3,000	0	0	3,700	0	0	3,900	0	0	4,110	0	0	4,330	0	0	4,560	0	0	4,810	0	0
FENCING/RETAINING WALLS																							
8' SOLID BOARD FENCE	20	13	59,200	0	0	72,990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6' SOLID BOARD FENCE	10	8	17,500	0	0	0	0	0	0	0	23,540	0	0	0	0	0	0	0	0	0	28,030	0	0
6' CHAIN LINK FENCING	35	23	7,500	0	0	0	0	0	0	0	0	0	0	0	0	11,010	0	0	0	0	0	0	0
WOOD RETAINING WALL-RETENTION POND	35	23	45,900	0	0	0	0	0	0	0	0	0	0	0	0	67,380	0	0	0	0	0	0	0
SITE FEATURES																							
MAILBOX-STREET	25	13	28,000	0	0	34,520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLE LIGHTING	30	18	33,000	0	0	0	0	0	0	0	44,390	0	0	0	0	0	0	0	0	0	0	0	0
SITE ITEMS	1	1	2,500	2,980	3,030	3,080	3,140	3,190	3,250	3,310	3,360	3,420	3,480	3,540	3,610	3,670	3,730	3,800	3,870	3,930	4,000	4,070	4,150
TOTAL OTHER PROPERTY FEATURES			201,600																				
			¢ 550,000	M7 450	¢07.000		<u> </u>	AO 500	A 17 700	A 1 000	A400.050	A77.050	A 17 000	<u> </u>	A7 0 10	¢205 040	¢0.700	MAA 740	M7 740	AF0 700	<u>¢ 40 0 40</u>	AF 700	¢70.040

Association & PM+ Plans are Calculated Using the Cash Flow Method

FY	FY Expenses		If Asso	ciation Plan	Continues	If PM+ Re	commendati	on is Used	If Comp	onent Metho	d is Used		Constribution
	Annual *	Cumulative	Interest	Contr'btn	Balance	Interest	Contr'btn	Balance	Interest	Contr'btn	Balance	400.000	Contribution
(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	100,000	
												90,000	.
AOH					\$240,000			\$240,000			\$240,000		
2018	70,180	70,180	6,770	37,650	214,240	6,770	32,290	208,880	6,770	31,400	207,990	80,000	
2019	2,540	72,720	6,040	38,310	256,050	5,890	32,860	245,090	5,870	18,940	230,260	70.000	
2020	3,630	76,350	7,220	38,980	298,620	6,910	33,440	281,810	6,490	21,310	254,430		
2021	5,790	82,140	8,420	39,670	340,920	7,950	34,030	318,000	7,170	24,690	280,500	60,000	
2022	34,560	116,700	9,610	40,370	356,340	8,970	34,630	327,040	7,910	30,670	284,520	50.000	
2023	8,950	125,650	10,050	41,080	398,520	9,220	35,240	362,550	8,020	31,330	314,920	50,000	
2024	7,220	132,870	11,240	41,800	444,340	10,220	35,860	401,410	8,880	38,790	355,370	40,000	
2025	211,310	344,180	12,530	42,540	288,100	11,320	36,490	237,910	10,020	59,450	213,530		
2026	4,020	348,200	8,120	43,290	335,490	6,710	37,130	277,730	6,020	38,310	253,840	30,000	
2027	55,580	403,780	9,460	44,050	333,420	7,830	37,780	267,760	7,160	38,590	244,010	20 000	
2028	7,150	410,930	9,400	44,830	380,500	7,550	38,440	306,600	6,880	31,150	274,890	20,000	
2029	37,830	448,760	10,730	45,620	399,020	8,650	39,120	316,540	7,750	36,240	281,050	10,000	
2030	115,520	564,280	11,250	46,420	341,170	8,930	39,810	249,760	7,930	59,870	233,330		
2031	3,140	567,420	9,620	47,240	394,890	7,040	40,510	294,170	6,580	27,750	264,520	0	2018 2021 2024 2027 2030 2033 2036 2039 2042 2045
2032	8,560	575,980	11,140	48,070	445,540	8,300	41,220	335,130	7,460	31,820	295,240		
2033	47,730	623,710	12,560	48,920	459,290	9,450	41,950	338,800	8,330	38,790	294,630		If Association Plan Continues
2034	4,630	628,340	12,950	49,780	517,390	9,550	42,690	386,410	8,310	52,260	350,570		If PM+ Recommendation is Used
2035	123,250	751,590	14,590	50,660	459,390	10,900	43,440	317,500	9,890	60,250	297,460		If Component Method is Used
2036	77,350	828,940	12,950	51,550	446,540	8,950	44,200	293,300	8,390	50,970	279,470		
2037	47,960	876,900	12,590	52,460	463,630	8,270	44,980	298,590	7,880	40,120	279,510		<i>i</i>
2038	8,500	885,400	13,070	53,380	521,580	8,420	45,770	344,280	7,880	58,010	336,900		Reserve Balance
2039	7,940	893,340	14,710	54,320	582,670	9,710	46,580	392,630	9,500	58,290	396,750	700,000	
2040	325.040	1.218.380	16.430	55.280	329.340	11.070	47,400	126.060	11,190	93,940	176.840		
2041	3 730	1 222 110	9 290	56 250	391 150	3 550	48 230	174 110	4 990	32 480	210 580	600,000	
2042	14 740	1 236 850	11 030	57 240	444 680	4 910	49 080	213 360	5 940	43 320	245 100		Γ Γ Γ
2043	7 740	1 244 590	12 540	58 250	507 730	6 0 2 0	49 940	261,580	6 910	33 410	277 680	500 000	
2044	50 720	1 295 310	14 320	59 280	530 610	7 380	50 820	269,060	7 830	36,080	270 870	000,000	
2044	10 840	1,236,150	14,020	60 320	565.050	7,500	51 710	203,000	7,000	10,000	287 500		
2045	40,040 5 700	1,330,130	14,500	61 200	505,050	7,550	51,710	207,320	7,040	49,030 52,040	207,300	400,000	
2040	5,700 72,040	1,341,030	15,930	01,300	030,000	0,110	52,620	342,330	0,110	55,210	343,120		
2047	/3,810	1,415,660	17,950	62,460	643,260	9,660	53,550	331,950	9,680	52,960	331,950	300,000	
		SUMMARY											
	30-	-Year Income =	347,470	1,471,450		245,800	1,261,810		233,380	1,274,230		200,000	
:	30-Year Minir	num Balance =			256,050			126,060			176,840		
3	30-Year Maxir	num Balance =	-		643,260			401,410			396,750	100,000	•
:	50-Year Minir	num Balance =	-		256,050			126,060			176,840		
ŧ	50 Year Maxir	num Balance =	-		1,321,870			585,540			567,830	0	

Notes:

* An annual average cost. Expenditures can change from year-to-year depending on when actual work is done. Projections are based on this year - will vary as current cost, useful life, amount-on-hand, contribution and contingency change. Data should be considered a more accurate projection for years 1 - 5 than the out-years.

Minimum balance does not include the first year.

If Component method is chosing expect column (20) amounts to vary significantly from one year to the next.

2018 2021 2024

2027 2030 2033

-----If Association Plan Continues

-If Component Method is Used

----If PM+ Recommendation is Used

2036

2039

2042

2045

— Association & PM+ Plans are Calcualted Using the Cash Flow Method

(od is Used	onent Meth	If Comp	od is Used	Flow Meth	If Cash	n Continues	iation Pla	If Assoc	enses	Exp	FY
L L		Balance	Contr'btn	Interest	Balance	Contr'btn	Interest	Balance	Contr'btn	Interest	Cumulative	Annual *	
	120,000	(21)	(20)	(19)	(18)	(17)	(16)	(15)	(14)	(13)	(12)	(11)	(10)
	.,	0.40.000			0.40.000			0.40.000					
		240,000	24 400	0 770	240,000	20.000	0.770	240,000	27.050	0 770	70.400	70 400	AUH
		207,990	31,400	0,770 5 970	200,000	32,290	5,770	214,240	37,000	0,770	70,180	70,180	2018
	100,000	230,200	10,940	5,670	240,090	32,000	5,690	200,000	30,310	0,040	72,720	2,540	2019
		204,400	21,310	0,490	201,010	33,440	7.050	290,020	30,900	7,220	76,350	3,030	2020
		200,000	24,090	7,170	310,000	34,030	8 070	340,920	39,070 40,370	0,420	02,140	5,790 24 FG0	2021
	80 000	204,020	31,320	8 020	362 550	35,240	0,370	308 520	40,370	3,010	125.650	34,300 0 0E0	2022
	00,000	355 370	38 700	8,880	J02,550	35,240	10 220	111 310	41,000	11 2/0	123,030	7 220	2023
		213 530	59,450	10,000	237 910	36 490	11 320	288 100	42 540	12 530	3// 180	211 310	2024
		253 840	38,310	6 020	277 730	37 130	6 710	335 490	43 290	8 120	348 200	4 020	2026
	60,000	244.010	38,590	7,160	267,760	37,780	7,830	333,420	44.050	9,460	403,780	55,580	2027
		274.890	31,150	6.880	306,600	38,440	7,550	380,500	44.830	9,400	410.930	7,150	2028
		281.050	36.240	7.750	316,540	39,120	8,650	399.020	45.620	10,730	448,760	37.830	2029
	40.000	233,330	59.870	7,930	249,760	39.810	8,930	341.170	46.420	11.250	564.280	115.520	2030
	40,000	264,520	27,750	6,580	294,170	40.510	7.040	394,890	47.240	9.620	567.420	3.140	2031
		295,240	31.820	7,460	335,130	41,220	8,300	445,540	48.070	11,140	575,980	8,560	2032
		294 630	38 790	8,330	338,800	41 950	9,450	459 290	48 920	12 560	623 710	47 730	2033
	20 000	350 570	52 260	8 310	386 410	42 690	9,550	517 390	49 780	12,000	628,340	4 630	2000
	20,000	297 460	60,250	9,890	317 500	43 440	10,900	459,390	50,660	14 590	751 590	123 250	2035
		279 470	50,200	8,390	293,300	44 200	8 950	446 540	51 550	12 950	828 940	77 350	2000
		279 510	40 120	7 880	298 590	44,200	8 270	463 630	52 460	12,500	876 900	47 960	2030
+ · · · · · · · · · · · · · ·	0	336,900	58 010	7,880	344 280	45 770	8 4 20	521 580	53,380	13,070	885 400	8 500	2038
2018 2023 2028 2033 203		396 750	58 290	9,500	392 630	46 580	9 710	582 670	54 320	14 710	893 340	7 9/10	2030
		176 840	93 940	11 190	126,060	47,000	11 070	329 340	55 280	16.430	1 218 380	325.040	2000
		210 580	32 480	4 990	174 110	48 230	3 550	391 150	56 250	9 290	1 222 110	3 730	2040
-fr Component Method is Us		245 100	43 320	5 940	213 360	49 080	4 910	444 680	57 240	11 030	1 236 850	1/ 7/0	2041
		277 680	33 410	6 910	261 580	40,000	6 020	507 730	58 250	12 540	1 244 590	7 7/0	2042
Res		270,870	36.080	7 830	269,060	50 820	7 380	530 610	59 280	14 320	1 295 310	50 720	2043
		287 500	10,000	7,640	203,000	51 710	7,500	565 050	60 320	1/ 060	1 336 150	40.840	2044
	1,400,000	207,000	53 210	8 110	342 550	52 620	8 110	636 660	61 380	15 030	1 341 850	5 700	2045
		331.050	52,060	0,110	331.050	52,020	0,110	643 260	62 460	17,050	1,341,030	72 010	2040
		320 170	12,500	9,000	332 120	54,400	0,000	661 280	62,400	19 140	1,413,000	62 690	2047
	1,200,000	376 120	42,040 51 010	9,000	302,120	55 450	0.370	740 320	64,680	19 650	1,479,340	4 200	2040
		351.060	7/ 910	10 610	350 570	56 430	11 070	740,320	65 820	20.880	1,403,030	4,230	2043
		303,800	/4,010	0.030	408.000	57 420	0,800	704.860	66 080	20,000	1,090,210	0,700	2000
	1,000,000	388,000	41,700	3,330	400,050	58 420	11 510	201 200	68 160	20,230	1,003,000	9,790	2001
		454.010	47,430 64.040	10.050	413,510	50,450	11,010	021,320	60,260	22,420	1,007,120	04,120	2002
		404,010	04,040	10,950	470,040 527 500	59,400	12 420	904,040 000 EE0	70 590	25,100	1,070,320	9,200	2053
	800,000	261.060	112 000	15,000	200,020	61 570	15,420	900,000 682.050	71,000	23,310	2,002,000	12,100	2004
		201,500	40,600	7 200	209,020	62.650	E 900	769 500	72,020	10.260	2,093,600	405,300	2000
		241 700	40,000	7,390	270,770	62,000	5,090	00,000	73,000	19,200	2,100,590	0,790	2050
	600,000	341,700	47,170	0,000	324,900	03,750	7,040	047,300	75,000	21,070	2,117,770	17,100	2057
		399,030	00,540	9,040	300,900	04,070	9,100	934,690	70,000	23,900	2,129,820	12,050	2058
		393,030	40,000	11,200	400,020	67 170	11,910	974,400	77,010	20,300	2,193,000	13,000	2059
	400,000	449,900	70 010	12,600	404,550	69.250	12 110	1,000,750	70,370	20,000	2,207,200	111 100	2000
		429,720	70,210 66,900	12,090	400,200	00,330 60 550	10,110	1,000,400	19,150 01 160	30,000	2,310,300	14 440	2001
		494,290	50,090	12,120	502,030	70 770	12,270	1,102,100	01,100	30,040	2,332,000	14,440	2002
	200,000 📲	407,000	24,910	13,940	507,030	70,770	14,170	1,190,900	02,000	32,110	2,413,340	00,040	2003
		007,000 475,560	14,290	16,010	200,040	12,020	14,300	1,300,930	04,030 95 510	30,100	2,421,150	7,810	2064
		410,000	92 220	12 /10	401,040	74 590	12,020	1 201 970	00,010 97.010	34,280	2,034,030	213,700	2005
**********	0 +	007,20U	03,330	15,410	004,220 452,000	75,000	15,020	1,021,070	01,010	34,200	2,049,870	10,020	2000
2023 2028 2033 2038	2018	404,880	04,000	15,720	453,000	10,890	1 15,070	1,270,510	00,540	31,280	2,822,050	172,180	2067
If Association Plan Continues											SUMMARY		
			51,980	9,360		51,090	9,610		59,590	17,560	Year Income =	50-	
If Component Method is Used		176,840			126,060			256,050			um Balance =	Year Minim	50-
		567,830			585,540			1,321,870			um Balance =	rear Maxim	50 \
													Niotoc:



2043

2048

----If Cash Flow Method is Used

2053

2058

2063

Same as 30-Year Comparison



Legend:

This comparison only compares the first study year to other properties.

% Funded -- Used-up life divided by Useful Life times Current Cost.

Reserve Depletion Factor -- Number of years the amount-on-hand will fund if no more is contributed to the reserves.

AOH - Reserve funds available at start of fiscal year.

Cost Per Owner - The average cost per owner to meet the reserve requirement compared to other properties.

Attention is directed to columns (1) COMPONENT, (3) AVG and (4) REM USEFUL LIFE, and (5) ESTIMATED COST IN CURRENT DOLLARS on Page A1. These entries, along with reserve savings at the start of the fiscal year and contingency built into the funding plan, determine the annual contribution needed to support the reserves. The remaining useful life approximates the time period when funding should be available for repair/replacement work. Good maintenance and repair practices prior to replacement can extend component useful life; conversely, poor or no maintenance/repair will shorten life and result in more cost to the association. Following comments are provided for components that may need further explanation.

PAVEMENTS/CONCRETE PAVEMENTS	There are three considerations that apply to asphalt pavements: 1) Have a preventive maintenance program - preventive maintenance consist of sealing open cracks (equal to or greater than 1/8"), repair wearing surface/base/sub-base areas that have failed (distinguished by "alligator" or "chicken wire" cracking), apply a seal coat to the entire surface and repaint traffic markings. An additional benefit of sealcoating and traffic markings is the pavement will look uniform and that enhances property appearance. Funding for this work is identified as "Preventive Maintenance" and/or "Immediate Repairs for Life Extension." Although we allow for preventive maintenance to be done every four years, if cracks open or asphalt failures occur sooner they should be repaired as needed. Contingency built into the funding plan should be more than adequate to fund this work, 2) Be prepared to repave all asphalt around the time period shown in the table. When repaving there are two possible courses of action, a) mill only near gutter pans to preserve proper drainage and place back 1-1/2" (or more) of compacted asphalt throughout, and b) total milling of all asphalt and repave to thickness removed. Notes: a) Asphalt is an oil based product - price varies with the cost of a barrel of oil, and b) When pavements are shared with adjacent properties quantity shown is one-half the shared amount. 3) Although we allow for 100% of the asphalt to be repaved our experience supports a smaller percentage of the base/sub-base will need repairs prior to overlaying.
CONCRETE	Repairs as needed to keep components in good repair. Work should be done concurrently with pavement work; pricing should be better because contractor is on site.
RECREATION TOT LOT	Tot-lot cost can vary depending on features desired - we use average costs for features and size. Always replace with equipment that "helps children develop physical coordination, strength, and flexibility as well as providing recreation and enjoyment (Wikipedia)."
OTHER PROPERTY FEATURES ENTRANCE(S) 6' CHAIN LINK FENCING SITE ITEMS	Provides for masonry repairs/repointing, name restoration, cleaning, flood lights, electric panels, wiring and other work needed to keep entrance features in good condition. Fence useful life can be extended by painting to control rust, stretching fabric, straightening posts and adding tie wires to hold the fabric tight. Repairs/replacements to signs, sign posts, irrigation systems, low height wood retaining walls, storm drainage, trash receptacles, dog stations and other miscellaneous items.
EXCLUSIONS	
PRESSURE WASHING/PAINTING/STAINING CATASTROPHES	Not included in the reserves. Maintenance work, properly funded from the operating account. Are not predictable events - no reserve allowance. If one occurs funding from other sources may be needed if the contingency built into the reserves is insufficient to cover expenses.
DRY WATER RETENTION POND	Grounds maintenance is an operating expense. Funding that may be needed for spill way repairs is provided for in the Site Items entry.