

Tools for the Financial Stability of Your Association

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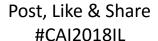






DISASTER DRIVE

Case Study #1









DISASTER DRIVE

• The Association has deferred maintenance for many years and never given much consideration to having a reserve study completed. Existing reserve funds have been adequate in years past but the Association has not pursued a major capital expenditure for some time. An unusually brutal winter causes part of the brick masonry to fall into the street, attracting the attention of the building department and the news media. While investigating the cause of the failure, engineers identify significant problems related to the walls, the windows and even the roofing system. A substantial repair and replacement project (\$550,000) is required to adequately fix several major building components and time is of the essence. The Association must determine an appropriate manner to fund the project in very short order.







Disaster Drive Balance Sheet

| DISASTER D BALANCE SH | | | | | | | | | | | | |
|---------------------------------------------------------|------|-----------|----|------------------|----|----------|---|-------------|----|-------------|----|----------|
| | | | | | | | | | | | | |
| | | | | December 31, 201 | 7 | | | | | | | |
| | | | | | | | | | | | | |
| | | OPERATING | | REPLACEMENT | | | | OPERATING | | REPLACEMENT | | |
| | | FUND | | FUND | | TOTAL | | FUND | | FUND | | TOTAL |
| ASSETS | | | | | | | | | | | | |
| Cash - Checking Accounts | \$ | 135,750 | \$ | 49,750 | \$ | 185,500 | | 55,688 | \$ | 35,700 | \$ | 91,388 |
| Certificates of Deposit | | 25,000 | | 114,000 | | 139,000 | | - | | 75,000 | | 75,000 |
| Accounts Receivable - Unit Owners | | 129,500 | | - | | 129,500 | | 75,500 | | - | | 75,500 |
| (12% of the 103 units are delinquent more than 90 days) | | | | | | | | | | | | |
| Allowance for Doubtful Accounts | | (68,000) | | - | | (68,000) | | (35,000) | | - | | (35,000) |
| Due from Operating Fund | _ | <u> </u> | _ | 100,000 | _ | 100,000 | - | | - | | _ | <u> </u> |
| TOTAL ASSETS | \$ | 222,250 | \$ | 263,750 | \$ | 486,000 | 9 | 96,188 | \$ | 110,700 | \$ | 206,888 |
| LIABILITIES AND FUN | D BA | LANCES | | | | | | | | | | |
| LIABILITIES | | | | | | | | | | | | |
| Accounts Payable | \$ | 15,500 | \$ | 1,301 | \$ | 16,801 | | 15,000 | \$ | 2,800 | \$ | 17,800 |
| Prepaid Assessments | | 10,916 | | - | | 10,916 | | 4,500 | | - | | 4,500 |
| Due to Replacement fund | | 100,000 | | - | | 100,000 | | - | | - | | - |
| Loan Payable | _ | <u> </u> | _ | 100,000 | _ | 100,000 | - | <u> </u> | _ | <u> </u> | _ | <u> </u> |
| TOTAL LIABILITIES | | 126,416 | | 101,301 | _ | 227,717 | _ | 19,500 | _ | 2,800 | _ | 22,300 |
| FUND BALANCES | | 95,834 | | 162,449 | | 258,283 | | 76,688 | | 107,900 | | 184,588 |
| TOTAL LIABILITIES AND FUND BALANCES | \$ | 222,250 | \$ | 263,750 | \$ | 486,000 | | 96,188 | \$ | 110,700 | \$ | 206,888 |







Disaster Drive Income Statements

| Disas | | | | | | |
|-----------------------------------|----------------|------------------|------------|------------|-------------|------------|
| STATEMENT OF REVENUES, EXPEN | SES AND CHANGE | S IN FUND BALANC | CES | | | |
| | YEAR E | NDED DECEMBER | 31, 2017 | YEAR EN | 31, 2016 | |
| | | | | | | |
| | OPERATING | REPLACEMENT | | OPERATING | REPLACEMENT | |
| | FUND | FUND | TOTAL | FUND | FUND | TOTAL |
| | | | | | | |
| | | | | | | |
| REVENUES | | | | | | |
| Member Assessments | \$ 285,000 | \$ 25,000 | \$ 310,000 | \$ 285,000 | \$ 35,000 | \$ 320,000 |
| Late Charges | 15,500 | - | 15,500 | 6,200 | - | 6,200 |
| Other Income | 465 | - | 465 | 500 | - | 500 |
| Interest Income | 361 | 471 | 832 | 375 | 475 | 850 |
| TOTAL REVENUES | 301,326 | 25,471 | 326,797 | 292,075 | 35,475 | 327,550 |
| | | | | | | |
| EXPENSES | | | | | | |
| Grounds Maintenance | 154,500 | - | 154,500 | 116,750 | - | 116,750 |
| Common Area Expense | 49,250 | - | 49,250 | 38,000 | - | 38,000 |
| Administrative | 78,430 | - | 78,430 | 76,037 | - | 76,037 |
| Replacement Fund Expenses | | 24,000 | 24,000 | | 35,000 | 35,000 |
| | | | | | | |
| TOTAL EXPENSES | 282,180 | 24,000 | 306,180 | 230,787 | 35,000 | 265,787 |
| | | | | | | |
| EXCESS REVENUES/(EXPENSES) | 19,146 | 1,471 | 20,617 | 61,288 | 475 | 61,763 |
| | | | | | | |
| FUND BALANCES - BEGINNING OF YEAR | 76,688 | 107,900 | 184,588 | 15,400 | 100,000 | 115,400 |
| | | | | | | |
| FUND BALANCES - END OF YEAR | \$ 95,834 | \$ 109,371 | \$ 205,205 | \$ 76,688 | \$ 107,900 | \$ 177,163 |







SURPRISE STREET

Case Study #2









Surprise Street

• The Association has generally been good at planning, but maintains a low reserve balance. A reserve study was completed sometime in the past and is updated every so often as a major project is completed. In fact, the reserve study suggests that improvements at the front entry, including landscaping and general repairs be performed next year. This was recommended due in part to minor peeling paint and other deficiencies but also to refresh the curb appeal of the building. The estimated cost of the refresh project is \$160,000. The roof however has continued to leak despite ongoing repair efforts. Although discussed in the current reserve study, the roof was budgeted for \$750,000 but was not anticipated for replacement for another 5 years. The Association must perform a roofing replacement project next year.







SURPRISE STREET BALANCE SHEET

| | CLID | PRISE STREET | | | | | | | | | | |
|------------------------------------------|---------|--------------|--------|----------------|----|-------------|-------------------|-------------|----|-------------|----|--------------|
| | | | | | | | | | | | | |
| | BA | LANCE SHEET | | | | | | | | | | |
| | | | Daa | ember 31, 2017 | , | | DECEMBER 31, 2016 | | | | | |
| | | | Dec | ember 31, 201. | | | | | | | | |
| | | OPERATING | RE | PLACEMENT | | | (| PERATING | RE | PLACEMENT | | |
| | | FUND | | FUND | | TOTAL | | FUND | | FUND | | TOTAL |
| ASSETS | | | | | | | | | | | | |
| Cash - Checking Accounts | \$ | 35,750 | \$ | - | \$ | 35,750 | \$ | 55,688 | \$ | 35,700 | \$ | 91,388 |
| Certificates of Deposit | | = | | 25,000 | | 25,000 | | - | | - | | - |
| Money Market Account | | 9,500 | | 10,672 | | 20,172 | | - | | = | | - |
| Accounts Receivable - Unit Owners | | 26,500 | | - | | 26,500 | | 25,000 | | - | | 25,000 |
| (5% of the 250 units are delinquent more | than 9 | 0 days) | | | | | | | | | | |
| Allowance for Doubtful Accounts | | = | | - | | - | | - | | - | | - |
| Due from Operating Fund | | <u>-</u> | _ | <u>-</u> | | <u>-</u> | | <u>-</u> | | <u> </u> | | <u> </u> |
| TOTAL ASSETS | \$ | 71,750 | \$ | 35,672 | \$ | 107,422 | \$ | 80,688 | \$ | 35,700 | \$ | 116,388 |
| LIAB | ILITIES | AND FUND BAL | .ANCES | | | | | | | | | |
| | | | | | | | | | | | | |
| LIABILITIES | | | | | | | | | | | | |
| Accounts Payable | \$ | 15,500 | \$ | 1,301 | \$ | 16,801 | \$ | 15,000 | \$ | 2,800 | \$ | 17,800 |
| Prepaid Assessments | | 10,916 | | - | | 10,916 | | 4,500 | | - | | 4,500 |
| Due to Replacement fund | | - | | - | | - | | - | | - | | - |
| Loan Payable | | - | | | _ | | | | | | _ | - |
| TOTAL LIABILITIES | | 26,416 | | 1,301 | | 27,717 | | 19,500 | | 2,800 | | 22,300 |
| FUND BALANCES | | 45,334 | | 34,371 | | 79,705 | | 61,188 | | 32,900 | | 94,088 |
| TOTAL LIABILITIES AND FUND BALANCES | \$ | 71,750 | \$ | 35,672 | \$ | 107,422 | \$ | 80,688 | \$ | 35,700 | \$ | 116,388 |







SURPRISE STREET INCOME STATEMENT

| SUR | PRISE S | STREET | | | | | | | | | | |
|-----------------------------------|----------|-----------|--------|------------|-------|----------|----|----------|------------|----------|-----|---------|
| STATEMENT OF REVENUES, EX | PENSES A | ND CHANGE | S IN F | UND BALAN | CES | | | | | | | |
| | | YEAR EN | DED | DECEMBER 3 | 31, 2 | 017 | | YEAR EN | IDED | DECEMBER | 31, | 2016 |
| | | | | | | | | | | | | |
| | 0 | PERATING | REF | PLACEMENT | | | 0 | PERATING | REPLACEMEN | | | |
| | | FUND | | FUND | | TOTAL | | FUND | FUND | | | TOTAL |
| | | | | | | | | | | | | |
| REVENUES | | | | | | | | | | | | |
| Member Assessments | \$ | 285,000 | \$ | 25,000 | \$ | 310,000 | \$ | 300,000 | \$ | 25,000 | Ś | 325,000 |
| Late Charges | | 15,500 | | - | | 15,500 | | 6,200 | | - | | 6,200 |
| Other Income | | 465 | | - | | 465 | | 500 | | - | | 500 |
| Interest Income | | 361 | | 471 | | 832 | | 375 | | 475 | | 850 |
| TOTAL REVENUES | | 301,326 | | 25,471 | | 326,797 | | 307,075 | | 25,475 | | 332,550 |
| EXPENSES | | | | | | | | | | | | |
| Grounds Maintenance | | 154,500 | | - | | 154,500 | | 116,750 | | - | | 116,750 |
| Common Area Expense | | 49,250 | | - | | 49,250 | | 40,500 | | - | | 40,500 |
| Roof repairs | | 35,000 | | - | | 35,000 | | 28,000 | | - | | 28,000 |
| Administrative | | 78,430 | | - | | 78,430 | | 76,037 | | - | | 76,037 |
| Replacement Fund Expenses | | <u>-</u> | | 24,000 | _ | 24,000 | | <u>-</u> | _ | 40,000 | _ | 40,000 |
| TOTAL EXPENSES | | 317,180 | | 24,000 | | 341,180 | | 261,287 | | 40,000 | | 301,287 |
| EXCESS REVENUES/(EXPENSES) | | (15,854) | | 1,471 | | (14,383) | | 45,788 | | (14,525) | | 31,263 |
| FUND BALANCES - BEGINNING OF YEAR | | 61,188 | | 32,900 | | 94,088 | | 15,400 | | 47,425 | | 62,825 |
| | | , | | ,3 | | , | | | | , | | ,520 |
| FUND BALANCES - END OF YEAR | \$ | 45,334 | \$ | 34,371 | \$ | 79,705 | \$ | 61,188 | \$ | 32,900 | \$ | 94,088 |







SURPRISE STREET RESERVE INFORMATION

| | SURPR | ISE STREET | | | | | | | | | | | |
|-----------------------|-----------------|------------|---------------|------|---------|--|--|--|--|--|--|--|--|
| | SURPRISE STREET | | | | | | | | | | | | |
| RESERVE STUDY EXCERPT | | | | | | | | | | | | | |
| DECEMBER 31, 2017 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | YE | AR OF REPLACE | MENT | | | | | | | | | |
| RESERVE COMPONENT | 2018 | 2019 | 2020 | 2021 | 2022 | | | | | | | | |
| | | | | | | | | | | | | | |
| Refresh Project: | | | | | | | | | | | | | |
| FRONT ENTRYWAY | | | | | | | | | | | | | |
| REPAIRS | 125,000 | | | | | | | | | | | | |
| LANDSCAPING | 35,000 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| ROOF PROJECT | | | | | 750,000 | | | | | | | | |
| (Now failing) | | | | | | | | | | | | | |

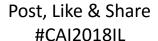






PREPARED PARKWAY

CASE STUDY #3









Prepared Parkway

This Association has been diligent and frequently updates their reserve study every 3 – 5 years. They generally maintain a healthy reserve balance and as such have never had to special assess. Over the years, owners have expressed increasing dissatisfaction with the window systems, citing operational problems, leakage, drafts and a general lack of interior comfort. Window replacement is inevitable but is not anticipated for another 5-7 years. Initial estimates for a window replacement project are several million dollars (\$7M - \$9M) without considering inflation. This is far more than the Association has ever spent on a capital project and despite the future timeframe, appears it will always be in excess of the Association's reserve funds.







Prepared Parkway Balance Sheet

| P | REPARED PAR | KWAY | | | | | | | | | | | |
|------------------------------------------|-----------------|--------|----------------|----|-----------|-------------------|----------|----|-----------|----|-----------|--|--|
| | BALANCE SHI | ET | | | | | | | | | | | |
| | | 1 | | | | | | | | | | | |
| | | DE | CEMBER 31, 201 | 7 | | DECEMBER 31, 2016 | | | | | 6 | | |
| | OPERATING | ì | REPLACEMENT | | | 0 | PERATING | RE | PLACEMENT | | | | |
| | FUND | | FUND | | TOTAL | | FUND | | FUND | | TOTAL | | |
| ASSETS | | | | | | | | | | | | | |
| Cash - Checking Accounts | \$ 115,50 | 00 \$ | 110,000 | \$ | 225,500 | \$ | 125,000 | \$ | 125,000 | \$ | 250,000 | | |
| Certificates of Deposit | - | | 955,000 | | 955,000 | | - | | 950,000 | | 950,000 | | |
| Money Market Account | 75,00 | 0 | 350,000 | | 425,000 | | - | | 250,000 | | 250,000 | | |
| Accounts Receivable - Unit Owners | 26,50 | 0 | - | | 26,500 | | 25,000 | | - | | 25,000 | | |
| (5% of the 250 units are delinquent more | than 90 days) | | | | | | | | | | | | |
| Allowance for Doubtful Accounts | - | | - | | - | | - | | - | | - | | |
| Due from Operating Fund | - | _ | <u>-</u> | _ | <u>-</u> | | <u>-</u> | | <u>-</u> | | <u> </u> | | |
| TOTAL ASSETS | \$ 217,00 | 00 \$ | 1,415,000 | \$ | 1,632,000 | \$ | 150,000 | \$ | 1,325,000 | \$ | 1,475,000 | | |
| LIABIL | LITIES AND FUND | BALANC | CES | | | | | | | | | | |
| | | | | | | | | | | | | | |
| LIABILITIES | | | | | | | | | | | | | |
| Accounts Payable | \$ 15,50 | 00 \$ | 1,301 | \$ | 16,801 | \$ | 15,000 | \$ | 2,800 | \$ | 17,800 | | |
| Prepaid Assessments | 10,91 | .6 | - | | 10,916 | | 4,500 | | - | | 4,500 | | |
| Due to Replacement fund | - | | - | | - | | - | | - | | - | | |
| Loan Payable | | | | _ | <u>=</u> | | <u> </u> | | <u>-</u> | _ | <u>-</u> | | |
| TOTAL LIABILITIES | 26,41 | .6 | 1,301 | | 27,717 | | 19,500 | | 2,800 | | 22,300 | | |
| FUND BALANCES | 190,58 | 34 | 1,413,699 | | 1,604,283 | | 130,500 | | 1,322,200 | | 1,452,700 | | |
| TOTAL LIABILITIES AND FUND BALANCES | \$ 217,00 | 00 \$ | 1,415,000 | \$ | 1,632,000 | \$ | 150,000 | \$ | 1,325,000 | \$ | 1,475,000 | | |







Prepared Parkway Income Statement

| SURPI | RISE S | STREET | | | | | | | | | | | |
|-----------------------------------|--------|-------------|-------------|------------|-----|-----------|----|----------|------|-----------|------------|-----------|--|
| STATEMENT OF REVENUES, EXPE | NSES A | AND CHANGES | IN FU | JND BALANC | ES | | | | | | | | |
| | | YEAR EN | NDED | DECEMBER 3 | 31, | 2017 | | YEAR E | NDEC | DECEMBER | ₹ 31, 2016 | | |
| | (| OPERATING | REPLACEMENT | | | | (| PERATING | RE | PLACEMENT | | | |
| | | FUND | | FUND | | TOTAL | | FUND | | FUND | | TOTAL | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| REVENUES | | | | | | | | | | | | | |
| Member Assessments | \$ | 675,000 | \$ | 350,000 | \$ | 1,025,000 | \$ | 650,000 | \$ | 350,000 | \$ | 1,000,000 | |
| Late Charges | | 15,500 | | - | | 15,500 | | 6,200 | | - | | 6,200 | |
| Other Income | | 465 | | - | | 465 | | 500 | | - | | 500 | |
| Interest Income | | <u> 361</u> | | 26,400 | | 26,761 | | 375 | | 23,187 | | 23,562 | |
| TOTAL REVENUES | | 691,326 | | 376,400 | L | 1,067,726 | | 657,075 | | 373,187 | | 1,030,262 | |
| | | | | | | | | | | | | | |
| EXPENSES | | | | | | | | | | | | | |
| Grounds Maintenance | | 140,750 | | - | | 140,750 | | 116,750 | | - | | 116,750 | |
| Common Area Expense | | 317,740 | | - | | 317,740 | | 292,688 | | - | | 292,688 | |
| Window Leak Repairs | | 94,322 | | - | | 94,322 | | 56,500 | | - | | 56,500 | |
| Administrative | | 78,430 | | - | | 78,430 | | 76,037 | | - | | 76,037 | |
| Replacement Fund Expenses | | <u>-</u> | | 284,901 | | 284,901 | | | | 97,712 | | 97,712 | |
| | | | | | | | | | | | | | |
| TOTAL EXPENSES | | 631,242 | | 284,901 | | 916,143 | | 541,975 | | 97,712 | | 639,687 | |
| | | | | | | | | | | | | | |
| EXCESS REVENUES/(EXPENSES) | | 60,084 | | 91,499 | | 151,583 | | 115,100 | | 275,475 | | 390,575 | |
| | | | | | | | | | | | | | |
| FUND BALANCES - BEGINNING OF YEAR | _ | 130,500 | | 1,322,200 | L | 1,452,700 | | 15,400 | | 1,046,725 | | 1,062,125 | |
| | | | | | | | | | | | | | |
| FUND BALANCES - END OF YEAR | \$ | 190,584 | \$ | 1,413,699 | \$ | 1,604,283 | \$ | 130,500 | \$ | 1,322,200 | \$ | 1,452,700 | |







Prepared Parkway Reserve Excerpt

| | PREPAR | ED PARKWAY | | | | | | | | | | | |
|----------------------------|-----------------------|--------------|-------------------|--------|-----------|-----------|-----------|--|--|--|--|--|--|
| | RESERVE STUDY EXCERPT | | | | | | | | | | | | |
| | DECEME | BER 31, 2017 | | | | | | | | | | | |
| | D202 | ,, | | | | | | | | | | | |
| | | | VEAD OF DEDLACEME | NIT | | | | | | | | | |
| | | | YEAR OF REPLACEME | NI | | | | | | | | | |
| RESERVE COMPONENT | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | | | | | | |
| | | | | | | | | | | | | | |
| Windows | | | | | 3 500 000 | 2 500 000 | 1 500 000 | | | | | | |
| WINDOWS | | | | | 3,500,000 | 3,500,000 | 1,500,000 | | | | | | |
| | | | | | | | | | | | | | |
| | 25.000 | 45.000 | 425.000 | CF 000 | 450.000 | 425.000 | 25.000 | | | | | | |
| Other Capital Replacements | 25,000 | 45,000 | 125,000 | 65,000 | 150,000 | 125,000 | 35,000 | | | | | | |



