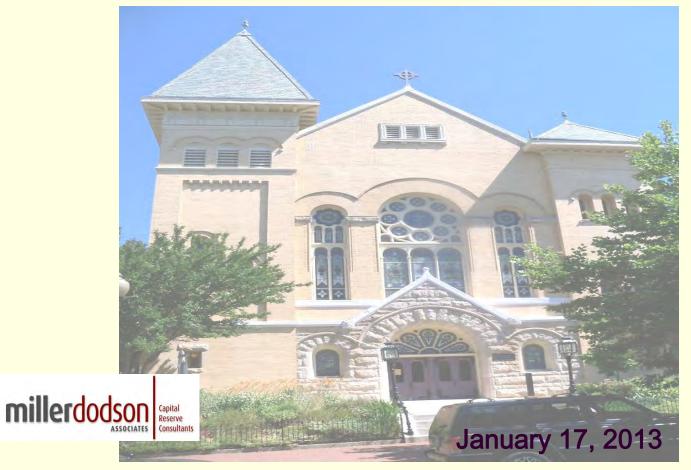
How Stable is your Annual Budget?

Capital Replacement Reserves for Your Church and School



How Stable is your Annual Budget?

Capital Replacement Reserves for Your Church and School





Mr. William I. Scrivens holds a Bachelors of Science Degree in Civil Engineering, with an emphasis in structures, from the Pennsylvania State University.

Mr. Scrivens, with 20 years of experience in structural design and inspection, has personally performed well over 1,800 inspections on wide variety of private, municipal, and military facilities throughout the United States.

Bill is currently a Reserve Specialist, and author and lecturer on the subject of Capital Reserve Funding for Miller-Dodson Associates.

Opening Survey

- Have you heard of a Reserve Study before?
- Are you a member of a Home Owners' Association, Condominium, Resort Timeshare, or Country Club?
- Have you ever served on a Board of Directors for any of the above mentioned properties?
- Have you been concerned about how to budget for your facilities capital assets like roofs, HVAC equipment, and other big ticket items?

Topics

- What are Reserves & Reserve Studies
- Importance of Reserves & Reserve Studies
- Where do Reserves fit into the Budget
- What is in a Reserve Study
- Reserve Studies, the 'nuts and bolts'
- Questions

What are Replacement Reserves?

- Funds typically set aside in a separate account.
- Used only for replacement or major repair of "capital components".
- Not to be used for "Maintenance and Operation" expenses.
- Not to be used for expansion of the facilities.

Purpose of

Adequate Reserve Funds

- Protect, preserve and enhance the physical assets and aesthetic quality of the facilities!
- Equitable distribution of costs over time for the major repair and replacement of physical assets.
- Help prevent the need for special funding efforts!

What are Reserves Studies?

- Financial Recommendation based on a <u>visual</u> condition assessment of facility's assets.
- Provides a Budgetary Parameter for annual funding of long-term capital replacements.
- Should include Management's Input reflecting specific needs & goals of the facility.
- May include a customized funding plan.

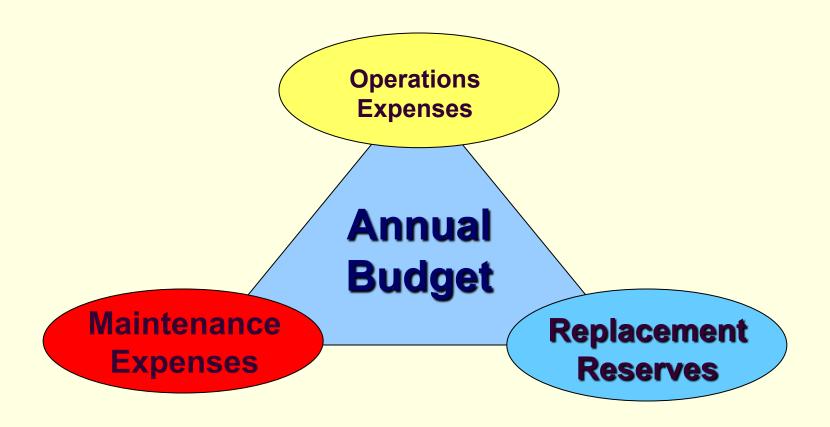
Why is a Reserve Study Important?

- Provides <u>independent</u> skilled assessment of future Reserve funding needs.
- Helps to prevent future financial crises due to lack of long-term financial planning.
- Provides fair and equitable funding of Reserves over time.
- Provides periodic updates of funding needs.

Benefits of a Reserve Study

- Sound Financial Planning Tool!
 - Establish Annual Reserve Contributions
 - Optimize Investment of Reserve Balance
- Documents Reserve Components.
- Documents projected Reserve "expenditures".
- Maintains consistent model of Reserve needs for the future!

Where Do Reserves Fit?



What is in a Reserve Study?

- Starts with an inventory of components.
- Provides a unit of measure and a replacement cost for each component.
- Sets a normal economic life and remaining economic life for each component

EM #	ITEM DESCRIPTION	UNIT	NUMBER OF UNITS	UNIT REPLACEMENT COST (\$)	NORMAL ECONOMIC LIFE (YRS)	REMAINING ECONOMIC LIFE (YRS)	REPLACEMENT COST (\$
1	Asphalt pavement, seal coat	sf	101,000	\$0.20	6	none	\$20,200
2	Asphalt pavement, mill & overlay	sf	101,000	\$1.70	18	6	\$171,700
3	Concrete roadway pavement (6%)	sf	10,600	\$9.80	60	none	\$103,880
4	Concrete roadway pavement (6%)	sf	10,600	\$9.80	60	6	\$103,880
5	Concrete roadway pavement (3%)	sf	5,800	\$9.80	60	12	\$56,840
6	Concrete roadway pavement (3%)	sf	5,800	\$9.80	60	18	\$56,840
7	Concrete roadway pavement (2%)	sf	3,900	\$9.80	60	24	\$38,220
8	Concrete roadway pavement (2%)	sf	3,900	\$9.80	60	30	\$38,22
9	Concrete roadway pavement (2%)	sf	3,900	\$9.80	60	36	\$38,22
10	Concrete roadway pavement (2%)	sf	3,900	\$9.80	60	42	\$38,220
11	Concrete roadway pavement (2%)	sf	3,900	\$9.80	60	48	\$38,220
12	Concrete roadway pavement (2%)	sf	3,900	\$9.80	60	54	\$38,22
13	Concrete curb w/ asph pvmt (10%)	ft	450	\$30.00	54	6	\$13,50
14	Concrete curb w/ asph pvmt (10%)	ft	450	\$30.00	54	24	\$13,500
15	Concrete curb w/ asph pvmt (10%)	ft	450	\$30.00	54	42	\$13,50
16	Concrete sidewalk (6%)	sf	2,000	\$8.50	60	none	\$17,00
17	Concrete sidewalk (3%)	sf	1,000	\$8.50	60	6	\$8,50
18	Concrete sidewalk (3%)	sf	1,000	\$8.50	60	12	\$8,50
19	Concrete sidewalk (2%)	sf	670	\$8.50	60	18	\$5,69
20	Concrete sidewalk (2%)	sf	670	\$8.50	60	24	\$5,69

EM #	ITEM DESCRIPTION	UNIT	NUMBER OF UNITS	REPLACEMENT COST (\$)	NORMAL ECONOMIC LIFE (YRS)	REMAINING ECONOMIC LIFE (YRS)	REPLACEMENT COST (\$
21	Site lights, tall, poles	ea	14	\$1,800.00	60	43	\$25,200
22	Site lights, tall, heads	ea	26	\$450.00	30	13	\$11,700
23	Site lights, short poles & heads	ea	14	\$1,500.00	30	none	\$21,000
24	Site lights, front, poles	ea	38	\$1,200.00	50	30	\$45,600
25	Site lights, front, heads	ea	62	\$350.00	25	5	\$21,700
26	Tree & landscape lighting (allowance)	ea	10	\$250.00	5	3	\$2,50
27	Entry monument (allowance)	Is	1	\$1,000.00	10	5	\$1,000
28	Entry gate	ft	120	\$45.00	20	none	\$5,40
29	Tree & foundation planting (allowance)	Is	1	\$8,000.00	15	5	\$8,00
30	Shade awning, refabric	sf	1,880	\$8.00	5	3	\$15,04
31	Shade awning, structure	sf	1,880	\$14.00	40	38	\$26,32
32	Shed (allowance)	Is	1	\$8,000.00	10	5	\$8,00
33	Irrigation controllers (allowance)	ea	2	\$3,000.00	10	3	\$6,00
34	Underground pipe & SWM (allow.)	Is	1	\$25,000.00	20	10	\$25,00
35	Golf carts, used	ea	2	\$5,000.00	20	10	\$10,00
		SITE CON	APONENT (c	ont.) - Replacem	ent Costs	Subtotal	\$232,46

ITEM	ITEM		NUMBER	UNIT REPLACEMENT	NORMAL ECONOMIC	REMAINING ECONOMIC	REPLACEMENT
#	DESCRIPTION	UNIT	OF UNITS	COST (\$)	LIFE (YRS)	LIFE (YRS)	COST (\$)
36	Tot lot - MP structure	ea	1	\$20,000.00	15	10	\$20,000
37	Tot lot - MP structure (small)	ea	1	\$12,000.00	15	10	\$12,000
38	Tot lot - swing, small tire	ea	1	\$1,200.00	15	10	\$1,200
39	Tot lot - swing, small 2 seat	ea	1	\$1,200.00	15	10	\$1,200
40	Tot lot - swing, 4 seat & tire	ea	1	\$5,000.00	15	10	\$5,000
41	Tot lot - playhouse	ea	1	\$6,000.00	15	10	\$6,000
42	Tot lot - climb	ea	1	\$2,500.00	15	10	\$2,500
43	Tot lot - miscl. play structures	ea	6	\$800.00	15	10	\$4,800
44	Tot lot - deck	sf	250	\$18.00	30	25	\$4,500
45	Tot lot - shade, refabric	sf	150	\$8.00	5	3	\$1,200
46	Tot lot - shade, structure	sf	150	\$14.00	40	28	\$2,100
47	Tot lot - wood border	ft	230	\$9.00	15	10	\$2,070
48	Tot lot - perimeter fencing	ft	220	\$15.00	30	10	\$3,300
49	Bench & exterior furnishing (allow.)	Is	1	\$5,000.00	10	5	\$5,000
50	Exterior worship area, seat & trellis	sf	400	\$12.00	15	5	\$4,800
51	Adelglass Garden (allowance)	Is	1	\$5,000.00	5	3	\$5,000
			тот	LOT - Replacem	ent Costs	- Subtotal	\$80,670

EM #	ITEM DESCRIPTION	UNIT	NUMBER OF UNITS	REPLACEMENT COST (\$)	NORMAL ECONOMIC LIFE (YRS)	REMAINING ECONOMIC LIFE (YRS)	REPLACEMEN COST (
52	Flat seam copper roof, (repair allow.)	sf	10,200	\$10.00	20	15	\$102,00
53	Standing seam metal roof	sf	4,700	\$9.60	35	18	\$45,12
54	Coal tar pitch roof	sf	100,750	\$9.50	15	3	\$957,12
55	Cap & flashing, repair/replace (allow.)	ft	6,700	\$12.00	15	3	\$80,40
56	Roof hatch	ea	1	\$1,200.00	30	3	\$1,20
57	Skylights	ea	17	\$800.00	15	3	\$13,60
58	Repointing (10% allowance)	sf	6,000	\$12.50	10	10	\$75,00
59	Recaulking	ft	20,000	\$2.00	10	10	\$40,00
60	Concrete repair (allowance)	sf	1,000	\$65.00	10	none	\$65,00
61	Stained glass, refurbish	sf	3,600	\$30.00	40	none	\$108,00
62	Stained glass, protective glazing	sf	3,600	\$40.00	40	none	\$144,00
63	Window, 1/3	sf	2,400	\$45.00	40	5	\$108,00
64	Window, 1/3	sf	2,400	\$45.00	40	10	\$108,00
65	Window, 1/3	sf	2,400	\$45.00	40	20	\$108,00

EM #	ITEM DESCRIPTION	UNIT	NUMBER OF UNITS	UNIT REPLACEMENT COST (\$)	NORMAL ECONOMIC LIFE (YRS)	REMAINING ECONOMIC LIFE (YRS)	REPLACEMENT COST (\$)
71	Sanctuary, arc, refurbish	Is	1	\$25,000.00	30	24	\$25,000
72	Torah, restoration	ea	4	\$1,000.00	10	6	\$4,000
73	Sanctuary, carpet	sf	2,200	\$5.50	10	8	\$12,100
74	Sanctuary, seating, refurbish	ea	675	\$600.00	30	24	\$405,000
75	Sanctuary, lighting, main (refurbish)	sf	12,400	\$10.00	40	3	\$124,000
76	Sanctuary, lighting, general	sf	12,400	\$2.00	40	3	\$24,800
77	Sanctuary, dimmer	ea	1	\$9,000.00	15	none	\$9,000
78	Sanctuary, handicap lift	ea	1	\$13,000.00	20	5	\$13,000
79	Sanctuary, organ electronics	ea	1	\$15,000.00	10	7	\$15,000
80	Sanctuary, releather	ea	1	\$25,000.00	20	7	\$25,000
81	Sanctuary, refelt & clean	ea	1	\$28,000.00	40	7	\$28,000
82	Choir loft, refurbish	sf	1,600	\$10.00	15	none	\$16,000
83	Sanctuary, sound system	ea	1	\$10,000.00	7	none	\$10,000
84	Chapel, arc, refurbish	Is	1	\$3,000.00	30	24	\$3,000
85	Chapel, cork flooring	sf	2,000	\$6.50	35	none	\$13,000
86	Chapel, carpet	sf	300	\$5.50	10	none	\$1,650

EM #	ITEM DESCRIPTION	UNIT	NUMBER OF UNITS	REPLACEMENT COST (\$)	NORMAL ECONOMIC LIFE (YRS)	REMAINING ECONOMIC LIFE (YRS)	REPLACEMEN COST (
22	Vinyl flooring (allowance)	sf	5,000	\$3.90	5	none	\$19,50
23	Interior lighting, general (allowance)	ea	100	\$75.00	10	6	\$7,50
24	Meeting/class/office, ff&e (1/5 allow.)	sf	13,100	\$7.00	15	2	\$91,70
25	Meeting/class/office, ff&e (1/5 allow.)	sf	13,100	\$7.00	15	5	\$91,70
26	Meeting/class/office, ff&e (1/5 allow.)	sf	13,100	\$7.00	15	8	\$91,70
27	Meeting/class/office, ff&e (1/5 allow.)	sf	13,100	\$7.00	15	11	\$91,70
28	Meeting/class/office, ff&e (1/5 allow.)	sf	13,100	\$7.00	15	14	\$91,70
29	Large restroom refurb. (allow)	ea	4	\$6,300.00	10	5	\$25,20
30	Medium restroom refurb. (allow)	ea	6	\$4,600.00	5	5	\$27,60
31	Small/powder restroom refurb. (allow)	ea	4	\$2,800.00	5	5	\$11,20
32	defibrillator	ea	1	\$1,600.00	3	1	\$1,60
33	Ceramic kiln	ea	1	\$3,000.00	20	18	\$3,00
34	Apartment, flooring	sf	1,300	\$4.25	10	none	\$5,52
35	Apartment, kitchen refurbish	ea	1	\$6,000.00	20	none	\$6,00
36	Apartment, kitchen & laundry appl.	Is	1	\$1,800.00	10	5	\$1,80
37	Apartment, bathroom	ea	1	\$4,000.00	20	none	\$4,00

TEM #	ITEM DESCRIPTION	UNIT	NUMBER OF UNITS	UNIT REPLACEMENT COST (\$)	NORMAL ECONOMIC LIFE (YRS)	REMAINING ECONOMIC LIFE (YRS)	REPLACEMENT COST (\$
156	Linz - Line hood w/ fire suppression	ea	1	\$12,000.00	40	23	\$12,000
157	Linz - Fire suppression	ea	1	\$5,000.00	15	2	\$5,000
158	Linz - Stove, 4 burner, single oven	ea	1	\$5,900.00	25	4	\$5,900
159	Linz - Warming drawers	ea	1	\$1,800.00	15	none	\$1,800
160	Linz - Reachin, 2 door refrigerator	ea	1	\$2,800.00	10	none	\$2,800
161	Linz - Kitchen, refurbish	Is	1	\$8,000.00	20	none	\$8,000
162	Linz - Residential ice maker	ea	1	\$1,000.00	10	5	\$1,000
163	Pollman - Residential hood	ea	1	\$900.00	10	5	\$900
164	Pollman - Residential cooktop	ea	1	\$1,100.00	10	5	\$1,100
165	Pollman - Residential double oven	ea	1	\$1,500.00	10	5	\$1,500
166	Pollman - Residential dishwasher	ea	1	\$800.00	10	5	\$800
167	Pollman - Residential ice maker	ea	1	\$1,000.00	10	5	\$1,000
168	Pollman - Reachin, freezer	ea	1	\$2,300.00	10	5	\$2,300
169	Pollman - Reachin, 2 door refridg.	ea	1	\$2,800.00	10	5	\$2,800
170	Pollman - Kitchen, refurbish	ls	1	\$12,000.00	20	15	\$12,000
171	Lounge - Residential hood	ea	3	\$900.00	10	5	\$2,700
172	Lounge - Residential cooktop	ea	3	\$800.00	10	5	\$2,400
173	Lounge - Residential oven	ea	2	\$500.00	10	5	\$1,000
174	Lounge - Residential dishwasher	ea	2	\$500.00	10	5	\$1,000
175	Lounge - Residential ice maker	ea	1	\$1,000.00	10	5	\$1,000
176	Lounge - Kitchen, refurbish	Is	1	\$12,000.00	20	15	\$12,000

TEM #	ITEM DESCRIPTION	UNIT	NUMBER OF UNITS	UNIT REPLACEMENT COST (\$)	NORMAL ECONOMIC LIFE (YRS)	REMAINING ECONOMIC LIFE (YRS)	REPLACEMENT COST (\$
186	Elevator cab & door, passenger	ea	1	\$7,900.00	20	3	\$7,900
187	Elevator, hydraulic psngr, controls	ea	1	\$29,500.00	20	3	\$29,500
188	Elevator, hydraulic psngr, piston	ea	1	\$14,800.00	40	28	\$14,800
189	Elevator cab & door, passenger	ea	1	\$20,000.00	20	3	\$20,000
190	Elevator, hydraulic psngr, controls	ea	1	\$37,800.00	20	3	\$37,800
191	Elevator, hydraulic psngr, piston	ea	1	\$19,000.00	40	28	\$19,000
192	Chillers	ea	2	\$100,000.00	25	24	\$200,000
193	Boilers, heat	ea	2	\$30,000.00	40	23	\$60,00
194	Fan coils	ea	75	\$2,100.00	30	13	\$157,50
195	Air handler/coil rebuild (allowance)	tons	40	\$800.00	10	3	\$32,00
196	HVAC control system	ea	1	\$7,000.00	15	10	\$7,00
197	HVAC, split systems	ea	3	\$6,000.00	15	5	\$18,00
198	Hotwater boiler	ea	1	\$12,000.00	30	29	\$12,00
199	Hotwater tank	ea	1	\$2,000.00	10	9	\$2,00
200	Pump 5 to 10 hp, replace	ea	2	\$3,200.00	10	2	\$6,40
201	Pump above 10 hp, rebuild	ea	2	\$2,800.00	15	2	\$5,60
202	Miscl Fan, motor, heater	Is	1	\$7,000.00	5	2	\$7,00
203	Building piping (allowance)	Is	1	\$8,000.00	10	8	\$8,00
204	Sump pumps	ea	3	\$1,200.00	10	3	\$3,60

	DING SYSTEM (cont.) ECTED REPLACEMENTS						
ITEM #	ITEM DESCRIPTION	UNIT	NUMBER OF UNITS	UNIT REPLACEMENT COST (\$)	NORMAL ECONOMIC LIFE (YRS)	REMAINING ECONOMIC LIFE (YRS)	REPLACEMENT COST (\$
205	Fire alarm system	ea	1	\$21,000.00	15	none	\$21,000
206	Telephone system	ea	1	\$28,000.00	15	12	\$28,000
207	Server computers	ea	2	\$8,000.00	5	3	\$16,000
208	Desktop computers	ea	45	\$1,300.00	3	2	\$58,500
209	Laptop computers	ea	15	\$1,600.00	3	1	\$24,000
210	Miscl, IT (allowance)	ls	1	\$24,000.00	3	none	\$24,000
211	Entry control system	ea	9	\$2,800.00	15	6	\$25,200
212	Security camera	ea	11	\$800.00	15	10	\$8,800
213	Security recorder	ea	1	\$5,000.00	15	10	\$5,000
214	Transformer (allowance)	ea	5	\$1,500.00	10	5	\$7,500
215	Electrical switching gear (allowance)	Is	1	\$40,000.00	20	2	\$40,000

BUILDING SYSTEM (cont.) - Replacement Costs - Subtotal

\$258,000

PROJECTED REPLACEMENTS - YEARS 10 TO 12 2021 2022 2023 Item Item 70 Exterior lighting, general \$1,900 34 Underground pipe & SWM (: \$25,000 98 Tobian Hall, stage lighting (a \$5,000 \$7,000 \$10,000 115 Piano voicing & repair (allow 35 Golf carts, used Linz Hall, tapestry cleaning \$5,000 \$5,000 149 TK Ice maker 36 Tot lot - MP structure \$20,000 Pollman Hall, maple flooring \$9,450 Tot lot - MP structure (small) Youth - Audio/video (allowar \$5,000 37 \$12,000 \$7,000 115 Piano voicing & repair (allow Hotwater tank \$2,000 38 Tot lot - swing, small fire \$1,200 \$91,700 127 Meeting/class/office, ff&e (1) 210 Miscl, IT (allowance) \$24,000 Tot lot - swing, small 2 seat \$1,200 Desktop computers \$58,500 39 Tot lot - swing, 4 seat & tire \$5,000 41 Tot lot - playhouse \$6,000 42 \$2,500 Tot lot - climb \$4,800 43 Tot lot - miscl. play structure 47 \$2,070 Tot lot - wood border 48 Tot lot - perimeter fencing \$3,300 58 Repointing (10% allowance) \$75,000 59 Recaulking \$40,000 60 Concrete repair (allowance) \$65,000 64 Window, 1/3 \$108,000 67 Storefront/plate, glazed door \$80,000 Solid door (allowance) \$2,250 Chapel, carpet \$1,650 Chapel, organ electronics \$4,000 Chapel, sound system 109 Poliman Hall, sound system \$5,000 110 Banquet table (allowance) \$6,250 \$62,500 111 Banquet chair (allowance) \$42,500 121 Carpet flooring, general (1/5 122 Vinyl flooring (allowance) \$19,500 130 Medium restroom refurb. (all \$27,600 \$11,200 131 Small/powder restroom refui 132 defibrillator \$1,600 \$5,525 134 Apartment, flooring TK Convection oven, 2 stack \$6,200 141 142 TK Small grill \$1,500 150 TK Large mixer \$3,600 \$2,800 160 Linz - Reachin, 2 door refrig HVAC control system 196 \$7,000 209 Laptop computers \$24,000 212 Security camera \$8,800 213 Security recorder \$5,000

\$709,549

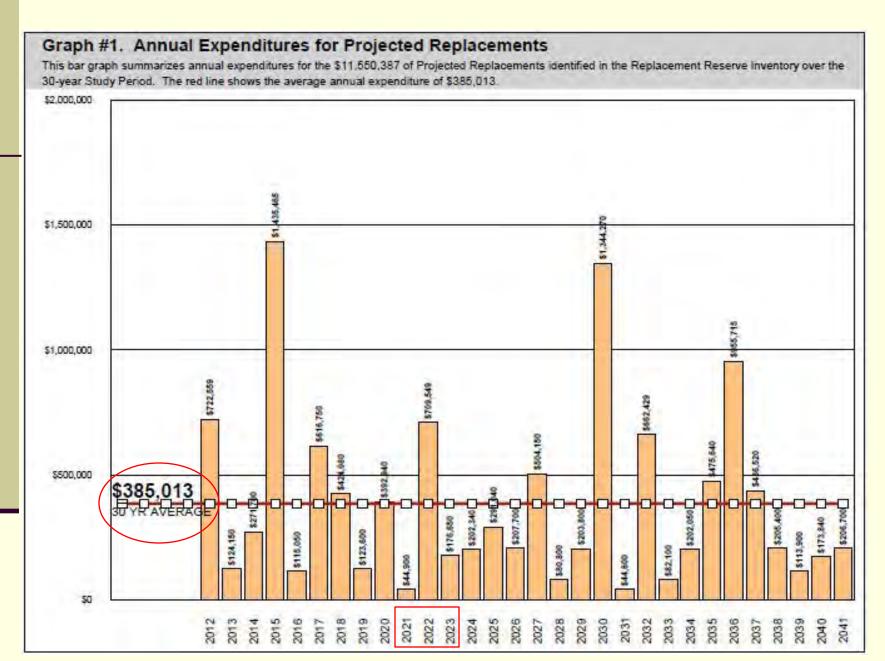
Total Scheduled Replacements

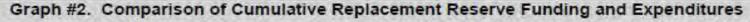
Total Scheduled Replacements

\$44,900

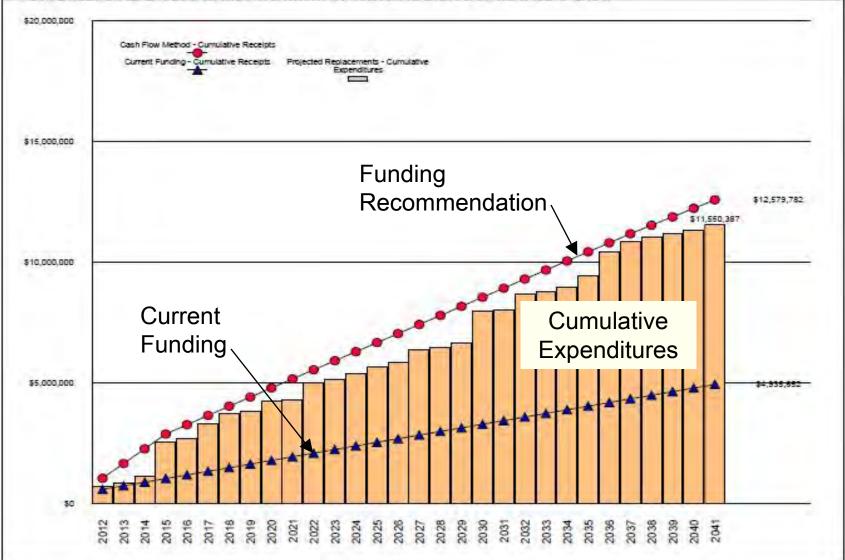
\$176,650

Total Scheduled Replacements



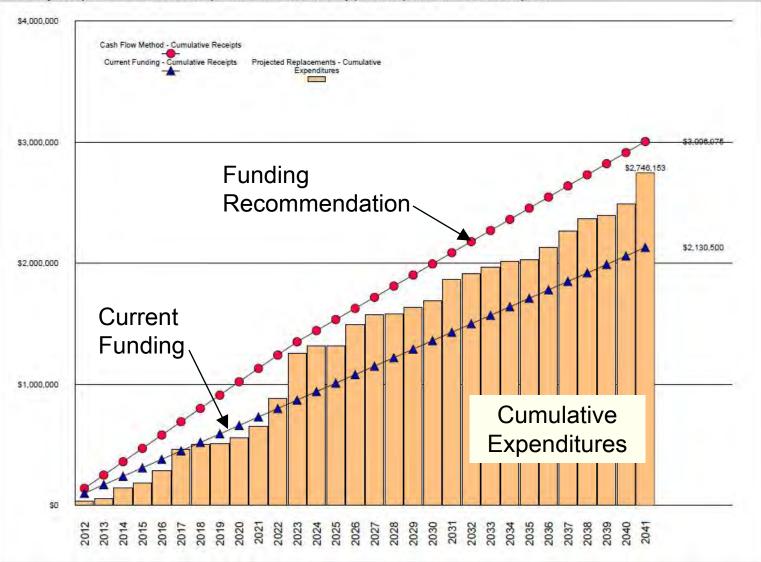


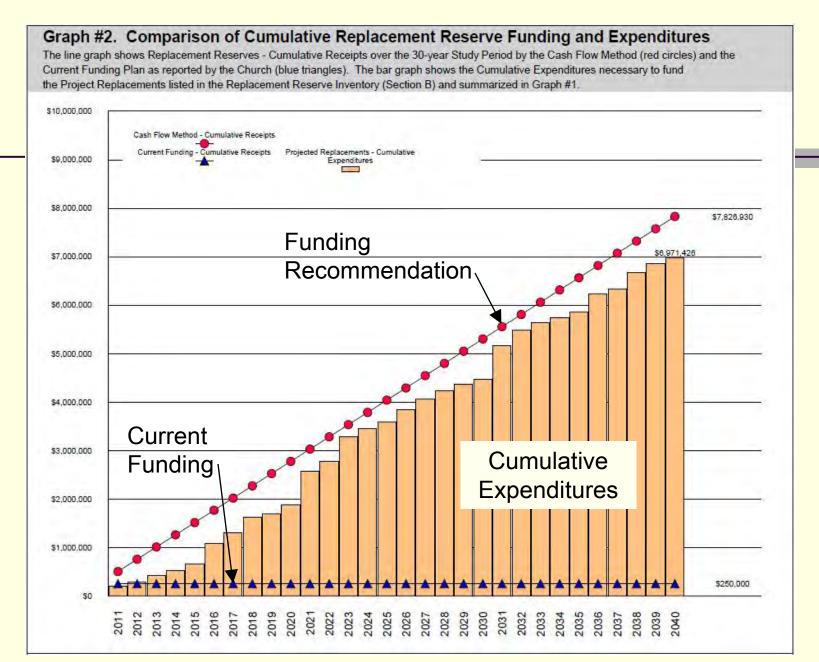
The line graph shows Replacement Reserves - Cumulative Receipts over the 30-year Study Period by the Cash Flow Method (red circles) and the Current Funding Plan as reported by the Temple (blue triangles). The bar graph shows the Cumulative Expenditures necessary to fund the Project Replacements listed in the Replacement Reserve Inventory (Section B) and summarized in Graph #1.

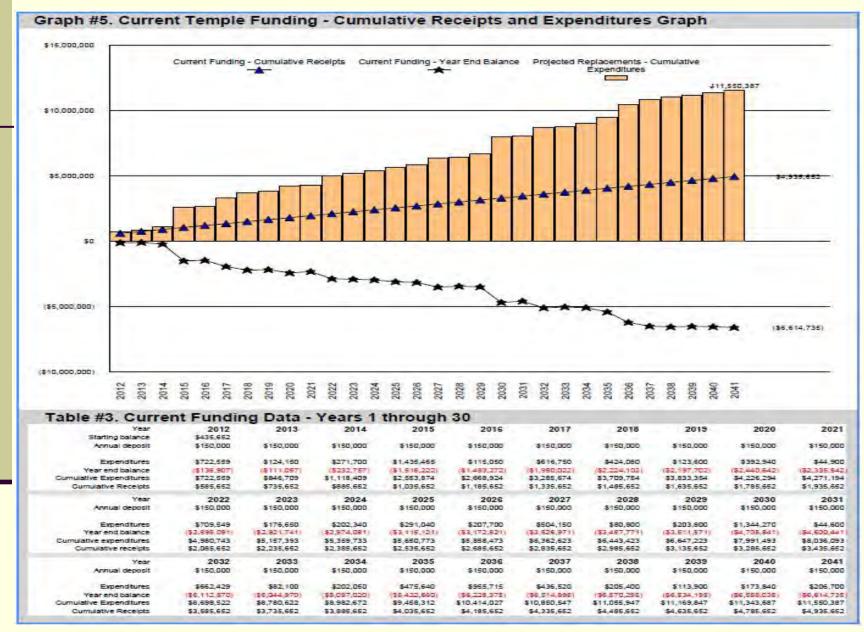


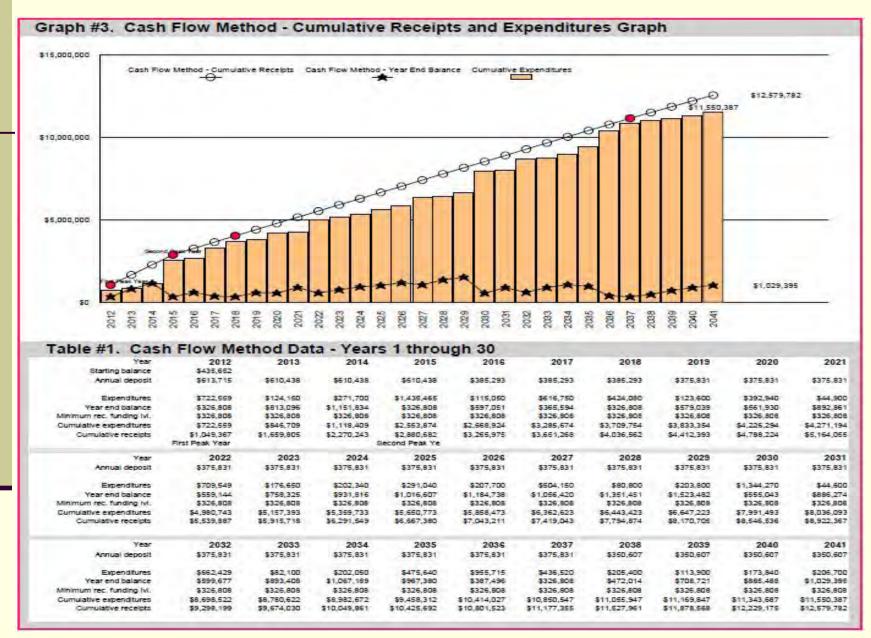
Graph #2. Comparison of Cumulative Replacement Reserve Funding and Expenditures

The line graph shows Replacement Reserves - Cumulative Receipts over the 30-year Study Period by the Cash Flow Method (red circles) and the Current Funding Plan as reported by the Center (blue triangles). The bar graph shows the Cumulative Expenditures necessary to fund the Project Replacements listed in the Replacement Reserve Inventory (Section B) and summarized in Graph #1.









EXECUTIVE SUMMARY

The Temple Replacement Reserve Inventory identifies 215 Projected Replacements for funding from Replacement Reserves, with an estimated one-time replacement cost of \$6,536,154.

The Replacement Reserve Analysis calculates recommended funding of Replacement Reserves by the Cash Flow Method. The Analysis also evaluates current funding of Replacement Reserves, as reported by the Temple. The calculations and evaluation are summarized below:

\$613,715 CASH FLOW METHOD MINIMUM ANNUAL FUNDING OF REPLACEMENT RESERVES IN THE STUDY YEAR, 2012.

The Cash Flow Method (CFM) calculates Minimum Annual Funding of Replacement Reserves that will fund Projected Replacements identified in the Replacement Reserve Inventory from a common pool of Replacement Reserves and prevent Replacement Reserves from dropping below a Minimum Recommended Balance. CFM - Minimum Annual Funding remains the same between peaks in cumulative expenditures called Peak Years.

The first Peak Year occurs in 2012 and the CFM - Minimum Annual Funding of Replacement Reserves in 2013 declines to \$610,438, after the completion of \$722,559 of replacements in the Study Year, 2012.

Subsequent Peak Years and declines in Minimum Annual Funding occur in: 2015, 2018, 2037.

\$150,000 CURRENT ANNUAL FUNDING OF REPLACEMENT RESERVES (as reported by the Temple).

The evaluation of Current Funding, as reported by the Temple, has calculated that if the Temple continues to fund Replacement Reserves at the current level, there will NOT be adequate funds for Projected Replacements in 30 years of the 30-year Study Period, and a maximum shortfall of \$-6,614,735 occurs in 2041.

Pages A2 and A3 explain the Study Year, Study Period, Adjustments (interest & inflation), Beginning Balance, and Projected Replacements. Pages A4 to A5 explain in more detail the calculations associated with the Cash Flow Method and Current Funding.

What are the basic

'nuts and bolts'
of a
Reserve Study?

Getting Started

- Determine Appropriate Level of Service
 - Level 1, 2 or 3 Study?
- Request Proposals
- Review and Accept a Proposal
- Schedule the Work

But what are the different study levels?

Level 1, Reserve Study

with site visit (Initial Study)

- Develops an Inventory of Reserve Components
- Performs Condition Assessments
- Establishes Replacement Cost Estimates and Useful Lives
- Reports the Current Funding Status
- Provides a Projected Funding Plan

Level 2, Reserve Study Update with site visit

- Modifies an Existing Inventory of Reserve Components
- Performs Condition Assessments
- Revises Replacement Cost Estimates and Useful Lives
- Reports the Current Funding Status
- Provides a Projected Funding Plan

Level 2 Updates recommended every 3 to 5 years.

Level 3, Reserve Study Update without a site visit

Typically performed annually by telephone interview and through emails between Level 1 and 2 or between Level 2 Studies.

- Revises Replacement Cost Estimates and Useful Lives
- Reports the Current Funding Status
- Provides a Projected Funding Plan

Coordination with Client

- A Reserve Study should reflect the intended use and mission(s) of the congregation.
- A Reserve Study should reflect the aesthetic preferences of the congregation.

Additional Services

- A Reserve Study provider should be able to meet on site or by electronic media with membership to present the Study and Recommendations.
- A Reserve Study provider should be able to provide a customized funding solution such as a Strategic Funding Plan.
- A Reserve Study provider should be able to provide annual or other future Reserve Study Updates.

Points for Churches

Protect your worship and missionary calling with a fuller understanding of your secular responsibilities, including the predictable long-term costs associated with the replacement of your facility's capital assets.

Points for Churches

Keep your banquet and other facilities attractive and inviting, promoting their continued desirability and use by the community and congregation, and thereby promoting fellowship and the goals of your calling.

Points for Churches

Practice true stewardship by understanding the funding needed to maintain the facilities bequeathed to your care, and show by example and practice, the message of stewardship to your congregation, community, and major donors.

Points for Schools

Keep the education of your students as the top priority, by developing a strategic plan and funding model for the replacement of your facilities, including your hi-tech and traditional educational systems.

Points for Schools

Project all costs, including long-term capital replacement costs, equitably to your tuition fees and other revenue streams.

Points for Schools

Track and understand your facility better and all of its components and subsystems, so you can be in a proactive financial position with respect to the funding of your capital replacements.

How Stable is your Annual Budget?

Capital Replacement Reserves for Your Church and School

In wrapping this up then, It is no longer a question of when the roof of your facility will need to be replaced, that is predictable.

But rather, will you be on target financially as the inevitability of the roof replacement approaches.

Capital Replacement Reserve planning will put your Church and School budget in a position of Financial Strength by Understanding the Long-Term Costs of Your Facility.

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Questions

Thank you for your attention!

and

Thank you NACBA

for inviting

Miller Dodson Associates
Capital Reserve Consultants
800.850.2835

A down load of this presentation is available at

mdaReserves.com