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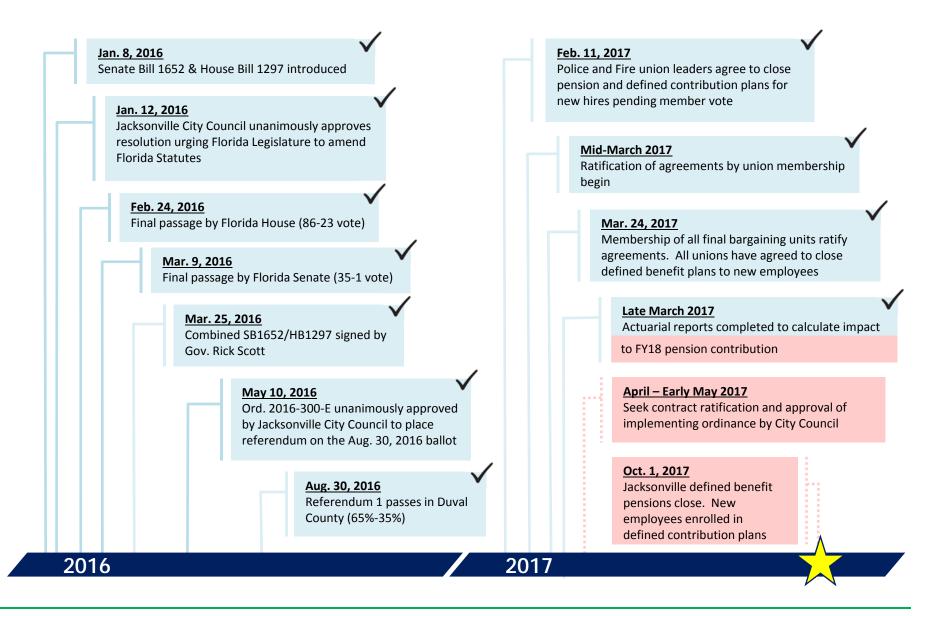
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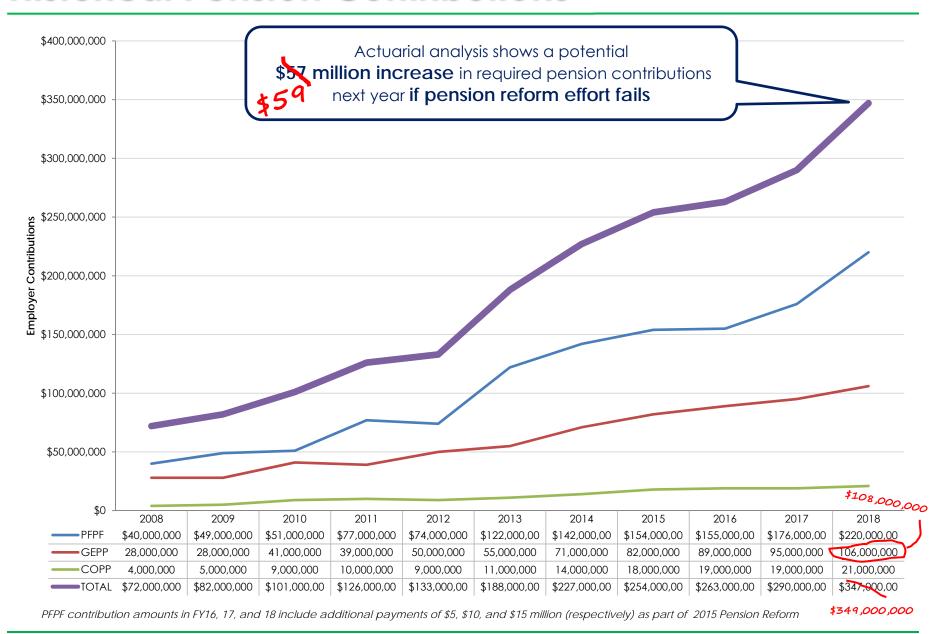
#### **2017 Pension Reform Goals**

- Identify a revenue stream exclusively dedicated to covering pension liabilities
- Ensure that pension funds are financially sound now and forever and able to meet obligations to participants
  - Liquidity Floor
  - Minimum Payment Requirement
  - Annual Review of ½ Penny Revenue Growth Assumption
- 3. Provide budget relief that will **allow the City to better serve** the citizens of Jacksonville

#### **2017 Pension Reform Timeline**



#### **Historical Pension Contributions**



#### **Historical Pension Contributions**

City of Jacksonville

#### **Historical City Pension Contributions**



\*FY 2018 contributions are based on draft 10/1/16 valuation reports. Absent successful implementation of pension reform, these numbers will apply.

#### **Proposed Solution to Meet 2017 Reform Goals**

- Closes the current defined benefit pension plans to new employees (as required by Florida statute) and provides them with a competitive defined contribution plan
- Extends the current ½ Penny being used for the Better Jacksonville Plan for up to an additional 30 years, with all proceeds during that time period being fully-dedicated to covering the unfunded pension liability (as required by Florida statute)
- Treats the ½ Penny, overwhelmingly approved by the citizens of Duval County, as an asset and includes its present value in each of the funds (as required by Florida statute) – distributed based on each fund's respective percentage of the City's total unfunded liability
- The increased value of assets and the 30-year re-amortization (as required by Florida statute) reduces the City's annual required contribution and frees up resources to better meet the needs of citizens
- Enacts local requirements which assure the financial stability of each fund by imposing liquidity floors, requiring annual minimum payments into each fund, and allowing for annual review of the ½ Penny revenue growth assumption

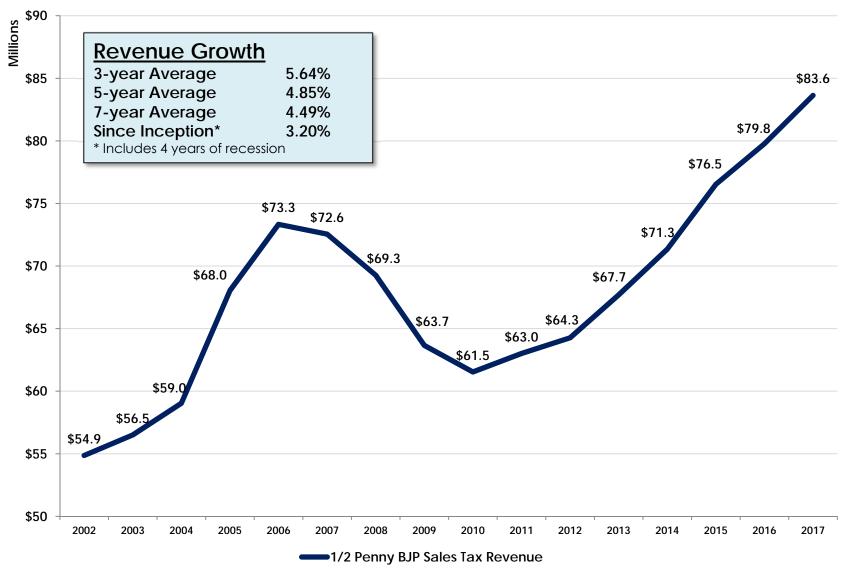
### **Collective Bargaining Status**

General Wage Increases										
Union	Bargaining Unit	Oct. 1, 2017	Oct. 1, 2018	Oct. 1, 2019	FY17 Lump Sum	Fully Vested	Employee Contribution	Employer Contribution	Tentatively Agreed	Ratified By Membership
	Officers through Sergeants	6.5%	6.5%	7.0%	3.0%	3 Yrs	10.0%	25.0%	<b>✓</b>	/
	Lieutenants and Captains	6.5%	6.5%	7.0%	3.0%	3 Yrs	10.0%	25.0%	/	/
Fraternal Order of Police (FOP)	Judicial Officers	5.0%	4.5%	4.5%	3.0%	5 Yrs	8.0%	12.0%	/	/
rratemal Order of Police (FOP)	Sworn Bailiffs	3.0%	4.5%	4.5%	N/A	N/A	N/A	N/A	/	/
	Correctional Officers	6.5%	6.5%	7.0%	3.0%	3 Yrs	10.0%	25.0%	<b>/</b>	/
	Supervisory Correctional Officers	6.5%	6.5%	7.0%	3.0%	3 Yrs	10.0%	25.0%	<b>✓</b>	<b>V</b>
	Professional Supervisors	5.0%	4.5%	4.5%	3.0%	5 Yrs	8.0%	12.0%	<b>/</b>	/
Jacksonville Supervisors Association (JSA)	Non-Professional Supervisors	5.0%	4.5%	4.5%	3.0%	5 Yrs	8.0%	12.0%	/	/
	Non-Professional Supervisors (JEA)	3.0%	3.0%	3.0%	1.5%	5 Yrs	8.0%	12.0%	✓	<b>V</b>
	Firefighters through Captains	6.5%	6.5%	7.0%	3.0%	3 Yrs	10.0%	25.0%	<b>/</b>	/
International Association of Firefighters (IAFF)	District Chiefs	6.5%	6.5%	7.0%	3.0%	3 Yrs	10.0%	25.0%	<b>✓</b>	/
	AFSCME	5.0%	4.5%	4.5%	3.0%	5 Yrs	8.0%	12.0%	/	/
	Special Purpose	5.0%	4.5%	4.5%	3.0%	5 Yrs	8.0%	12.0%	/	/
American Federation of State,	Temporary	3.0%	4.5%	4.5%	N/A	N/A	N/A	N/A	/	/
County & Municipal Employees (AFSCME)	Clerical & Technical (JHA)	2.0% Retro to 1/1/17	N/A	N/A	3.0%	5 Yrs	8.0%	12.0%	/	/
	Clerical & Technical (JEA)	2.5%	2.5%	3.0%	FY17 - 1% and 1.5% ratification FY18 - 1.5%	5 Yrs	8.0%	12.0%	<b>✓</b>	<b>V</b>
Communications Workers of America (CWA)	CWA	5.0%	4.5%	4.5%	2.0%	5 Yrs	8.0%	12.0%	<b>✓</b>	<b>/</b>
	LIUNA	5.0%	4.5%	4.5%	2.0%	5 Yrs	8.0%	12.0%	1	
Laborers' International Union of North America (LIUNA)	Temporary	3.0%	4.5%	4.5%	N/A	N/A	N/A	N/A	/	/
. ,	Water/Wastewater Craft & Technical (JEA)	4.5%	5.0%	4.5%	N/A	5 Yrs	8.0%	12.0%	<b>✓</b>	<b>/</b>
Professional Engineers Association (PEA)	Professional & Professional Supervisors (JEA)	3.0% merit pool 2.0% General Increase	3.0% merit pool	3.0% merit pool	N/A	5 Yrs	8.0%	12.0%	<b>/</b>	/
International Brotherhood of Electrical Workers (IBEW)	Skilled Craft (JEA)	4.5%	4.5%	4.5%	N/A	5 Yrs	8.0%	12.0%	<b></b>	<b>/</b>

### All Bargaining Units Have Agreed as of March 24

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### Historical ½ Penny BJP Sales Tax



Note: FY 2017 revenues are projections based on actuals through February 2017

# **BJP Program Projection**

	Projected BJP Program Revenues*	Projected BJP Program Debt Service	Projected Funds Available for BJP Projects
FY17	\$ 85.4	\$ 69.8	\$ 15.6
FY18	87.5	75.1	12.4
FY19	89.7	75.9	13.8
FY20	91.9	77.5	14.3
FY21	94.1	74.5	19.6
FY22	96.4	76.5	19.9
FY23	98.8	77.8	20.9
FY24	101.2	76.5	24.7
FY25	103.7	78.0	25.7
FY26	106.2	78.3	28.0
FY27	108.7	77.6	31.0
FY28	111.2	72.8	38.4
FY29	113.7	72.8	40.9
FY30	196.2	112.6	83.6
	\$ 1,484.6	\$ 1,095.7	\$ 388.9

Note: All figures in Millions \*Projected BJP Program Revenues include projected ½ BJP Sales Tax at 2.50%.

## Historical Ad Valorem Taxes – 1st Trigger

	Millage			Gross Ad Va	lorem Taxes
Fiscal Year	Rate	Change		Actual	Change
2017*	11.4419	0.0%		588,049,345	4.3%
2016	11.4419	0.0%		563,929,411	5.7%
2015	11.4419	0.0%		533,373,499	5.0%
2014	11.4419	14.0%		507,898,885	13.2%
2013	10.0353	0.0%		448,503,134	(4.2%)
2012	10.0353	0.0%		468,154,813	(7.0%)
2011	10.0353	8.2%		503,576,720	1.2%
2010	9.2727	9.3%		497,699,989	3.9%
2009	8.4841	0.0%		478,984,909	(0.5%)
2008	8.4841	(12.0%)		481,533,955	2.5%
2007	9.64	(0.1%)		469,666,337	14.0%
2006	9.65	(0.4%)		411,970,096	12.8%
2005	9.6879	(1.5%)		365,278,814	6.0%
2004	9.8398	(3.4%)		344,529,892	5.0%
2003	10.1842	(1.8%)		328,177,200	4.7%
2002	10.3675			313,501,247	

<sup>\*</sup> Gross Ad Valorem Taxes for FY17 are projected based on Q1 FY17 actuals vs. Q1 FY16

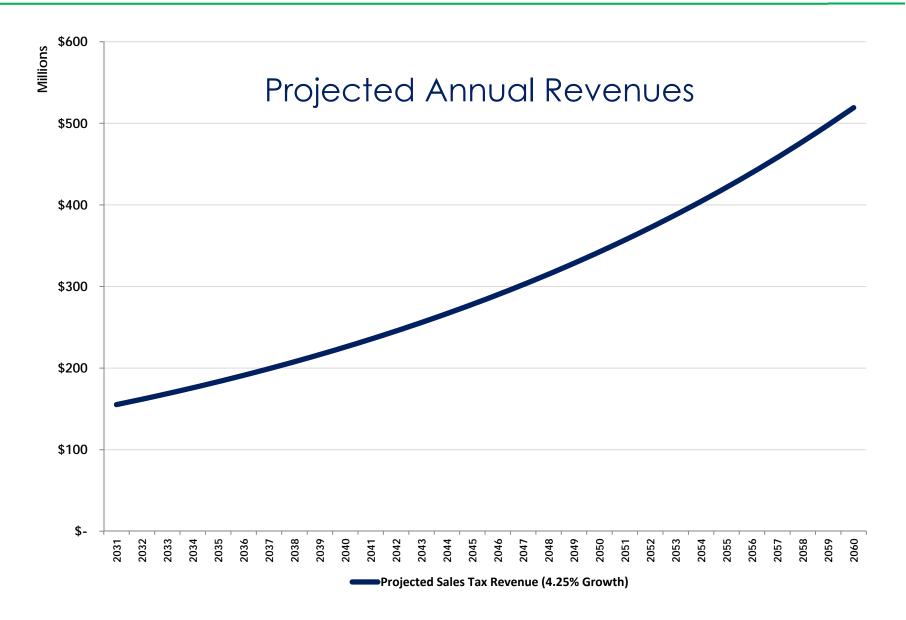
# Historical Pension Investment Returns – 2<sup>nd</sup> Trigger

	GEPP &	COPP	PFPI	-
Year	Annual	3-Yr Avg	Annual	3-Yr Avg
2016	10.0%	6.4%	10.0%	6.1%
2015	-2.5%		-3.4%	
2014	11.7%		11.6%	
2013	16.3%	11.7%	14.9%	11.7%
2012	18.1%		22.3%	
2011	0.8%		-2.1%	
2010	12.0%	-0.7%	7.7%	-4.2%
2009	1.5%		-4.2%	
2008	-15.6%		-16.1%	
2007	14.7%	10.6%	15.7%	12.0%
2006	7.7%		9.1%	
2005	9.3%		11.2%	
2004	9.3%	6.3%	9.3%	6.3%
2003	16.3%		16.3%	
2002	-6.7%		-6.7%	

# **Historical Payroll Growth Assumptions**

Valuation	PFPF	GEPP	COPP
2016	0.07%	0.57%	0.00%
2015	3.25%	1.14%	0.68%
2014	3.25%	2.24%	0.39%
2013	3.25%	2.62%	0.64%
2012	3.25%	3.00%	3.00%
2011	4.50%	3.50%	3.50%
2010	4.50%	3.50%	3.50%
2009	4.50%	3.50%	3.50%
2008	4.50%	3.50%	3.50%
2007	4.50%	3.50%	3.50%

### **Projected ½ Penny Pension Liability Sales Tax**



### **Projected ½ Penny Pension Liability Sales Tax**

#### Projected 1/2 Penny Pension Liability Sales Tax Revenue

	Projected	Projected Sales Tax Revenue		
Fiscal Year		(4.25% Growth)		
2031	\$	155,276,930		
2032		161,876,200		
2033		168,755,938		
2034		175,928,065		
2035		183,405,008		
2036		191,199,721		
2037		199,325,709		
2038		207,797,052		
2039		216,628,426		
2040		225,835,135		
2041		235,433,128		
2042		245,439,036		
2043		255,870,195		
2044		266,744,678		
2045		278,081,327		
2046		289,899,783		
2047		302,220,524		
2048		315,064,896		
2049		328,455,154		
2050		342,414,498		
2051		356,967,115		
2052		372,138,217		
2053		387,954,091		
2054		404,442,140		
2055		421,630,931		
2056		439,550,246		
2057		458,231,131		
2058		477,705,954		
2059		498,008,457		
2060		519,173,817		
Total	\$	9,081,453,503		

#### **Revenue Growth**

3-year Average 5.64% 5-year Average 4.85% 7-year Average 4.49% Since Inception\* 3.20%

\* Includes 4 years of recession

#### **Actuarial Assumptions**

#### Payroll Growth

- 1.50% for General Employees, Police, and Fire
- 1.25% for Corrections
- Takes into consideration raises in the union agreements as well as historical growth

#### ½ Penny Pension Liability Sales Tax

First year growth assumption set at 4.25%

#### Investment Returns

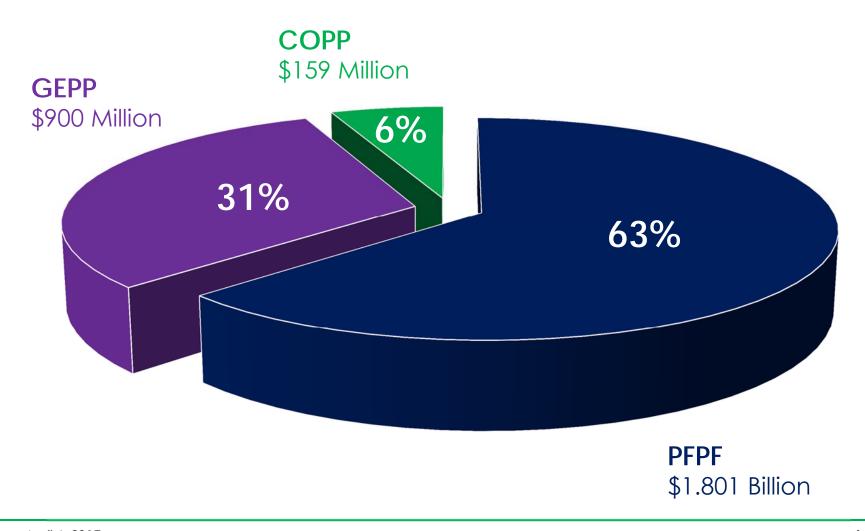
- GEPP & COPP 7.4%
- PFPF 7.0%

#### Mortality Rates

Updated to reflect mortality tables used by FRS, as required by law

#### PV Distribution of ½ Penny Sales Tax

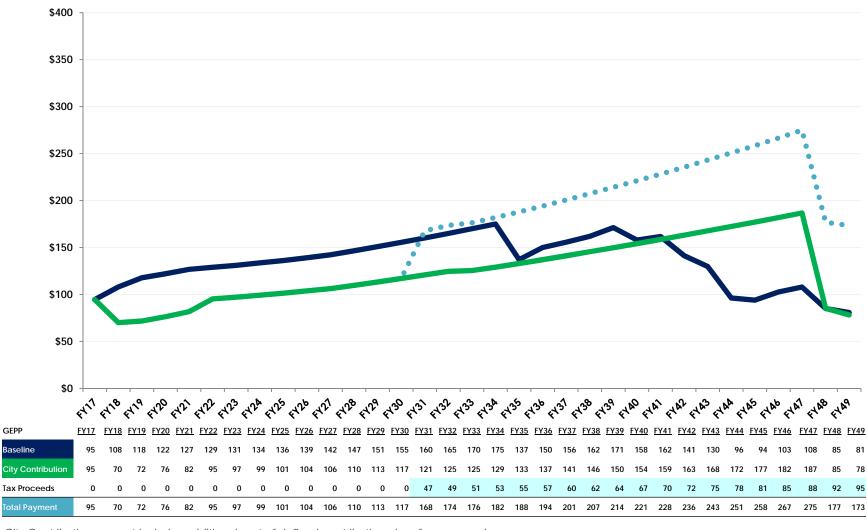
Total Unfunded Liability = \$2.861 Billion



# Pension Costs as a Percent of Payroll

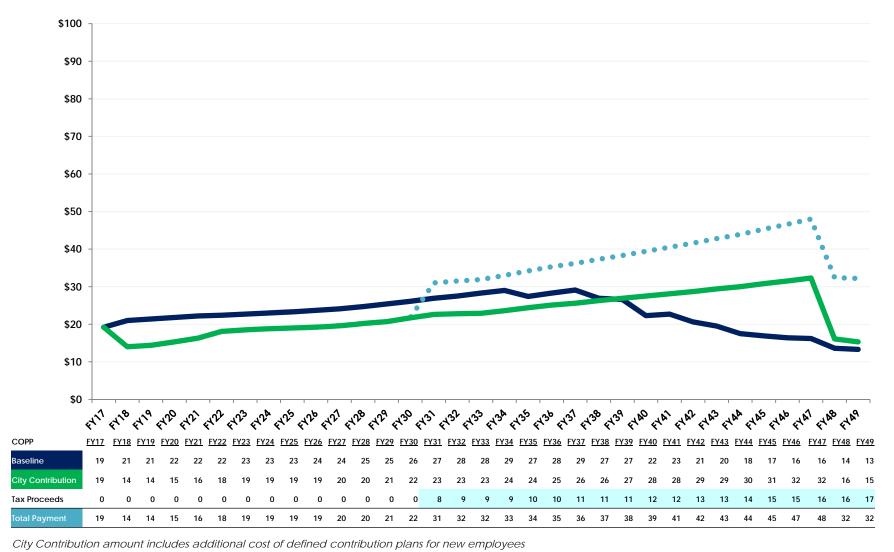
		Unfunded	
	Normal Cost	Liability Cost	Total Cost
FY2017	27.4%	92.2%	119.6%
FY 2018 No Reform	28.5%	121.3%	149.7%
FY 2018 With Reform	34.3%	53.9%	88.2%

#### Payment Forecast - GEPP

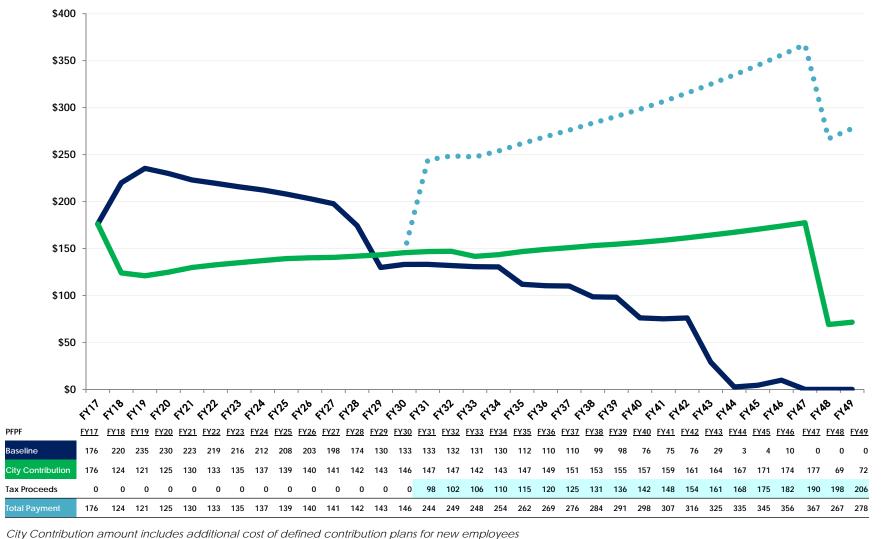


City Contribution amount includes additional cost of defined contribution plans for new employees

#### Payment Forecast - COPP

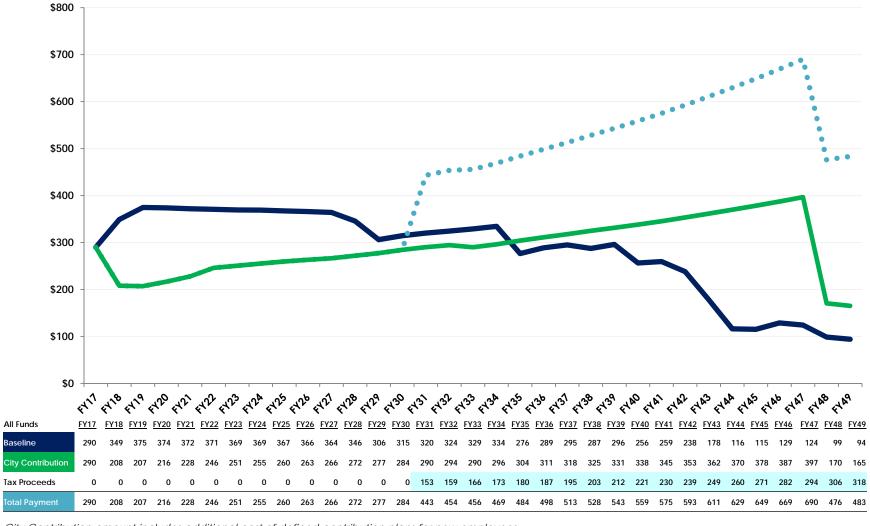


#### Payment Forecast - PFPF



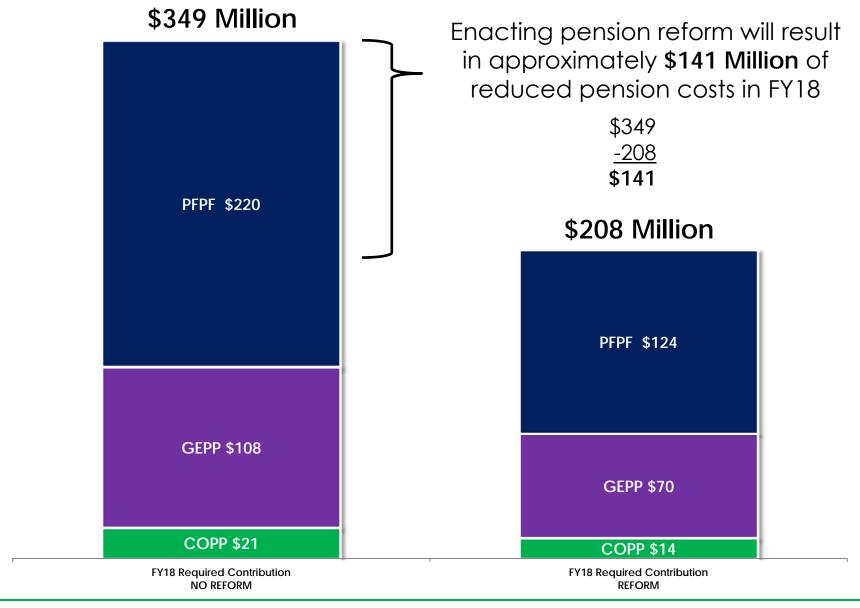
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#### Payment Forecast - All Pension Funds

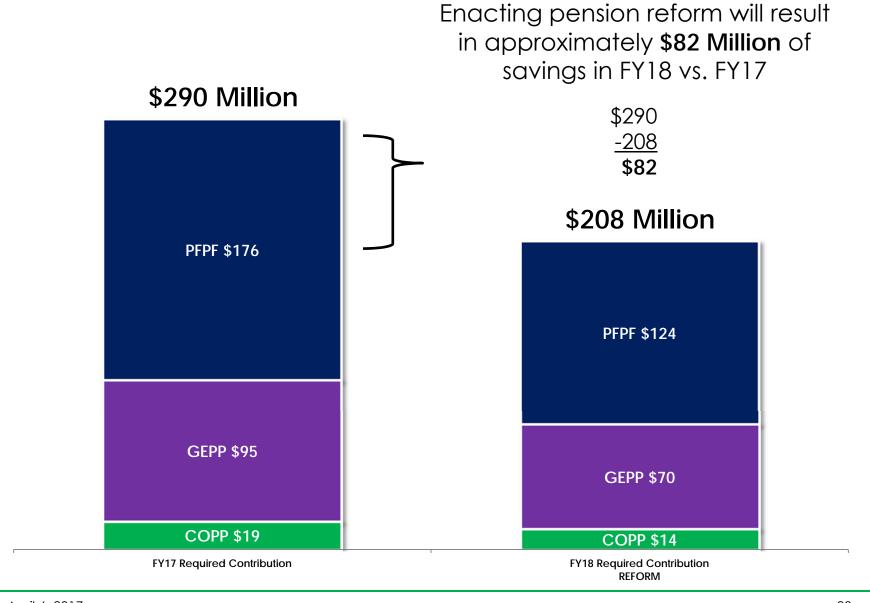


City Contribution amount includes additional cost of defined contribution plans for new employees

#### **FY18 Impact of No Reform**

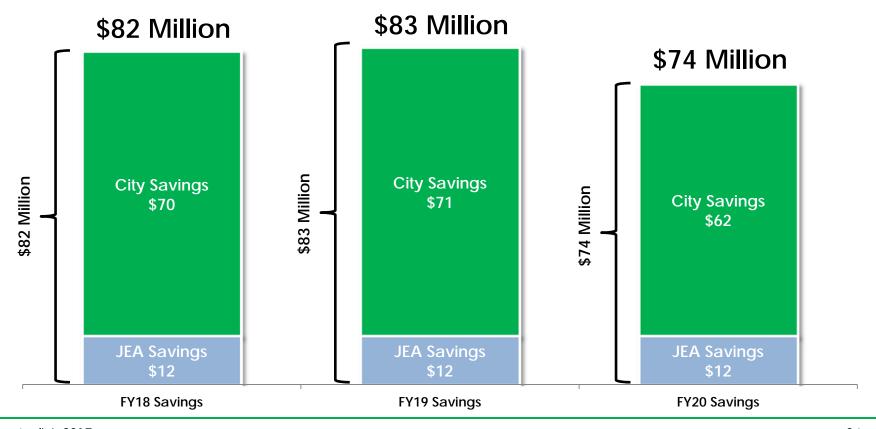


### FY18 Impact of Reform vs. FY17 Contribution



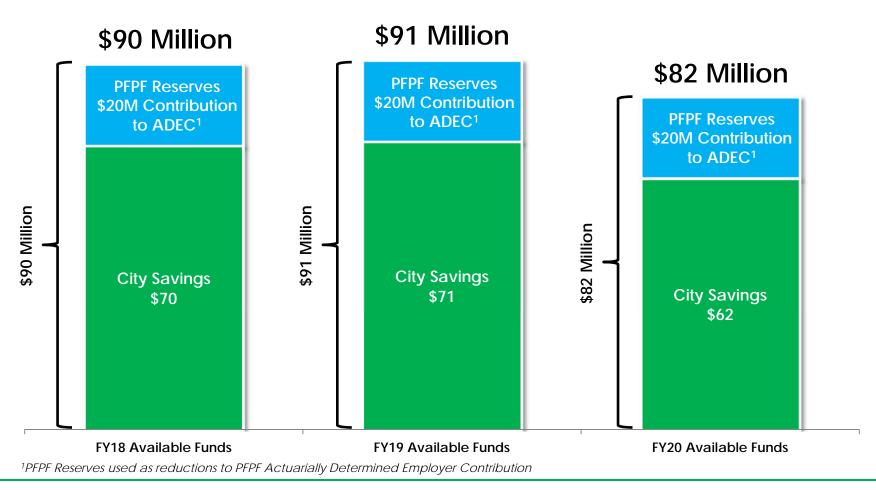
# Annual Savings – FY18-20 Compared to the FY17 Total Contribution Amount (\$290 Million)





### **Total Annual Savings**

In addition to annual City Savings, approximately \$60 Million of PFPF Reserve Funds will be a part of the total City contribution



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### **Annual Impact of Pay Raises**

All costs resulting from the collective bargaining agreements were considered, including:

Salaries & Benefits, including defined contribution increases Part-time salaries \$120 Million Overtime Holiday overtime Shift differentials Supervisor differentials FY20 Raises Out-of-class pay \$43 \$77 Million \$120 Million **FY19 Raises FY19 Raises** \$40 \$40 \$77 Million \$37 Million **FY18 Raises FY18 Raises FY18 Raises** \$37 \$37 \$37 FY18 FY19 FY20

### **Paying for Raises**

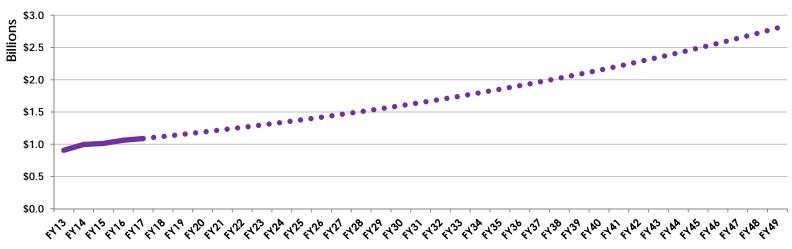
After factoring in the cost of pay raises, the City will still have approximately \$29 million of savings left over

	FY 18	FY 19		FY 20	Cui	mulative
City Savings	\$ 90	\$ 91	\$	82	\$	263
City Costs	 (37)	 (77)	·	(120)		(234)
Difference	\$ 53	\$ 14	\$	(38)	\$	29
Running Total	\$ 53	\$ 67	\$	29		

Note: All figures in Millions

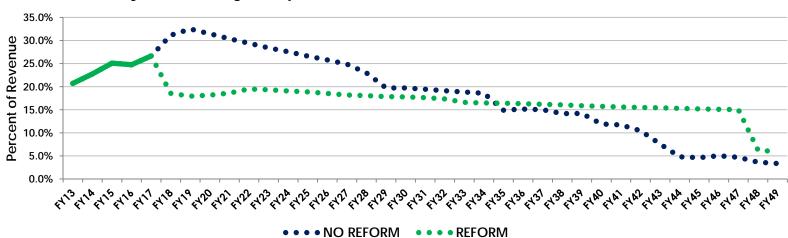
#### **General Fund Revenue Growth**

#### **Projected GF Revenue Growth**



Note: Data represents Recurring GF Revenue. FY13-16 figures are actuals. FY17 is budgeted amount. FY18 and beyond assume annual growth at 3.0%

#### Projected City Required Contribution as % of GF Revenue



Note: FY13-16 percentages are based on actuals. FY17 is based on budgeted revenue and actual contributions. FY18 and beyond are projected

#### **General Fund Revenue Growth**

#### In Millions

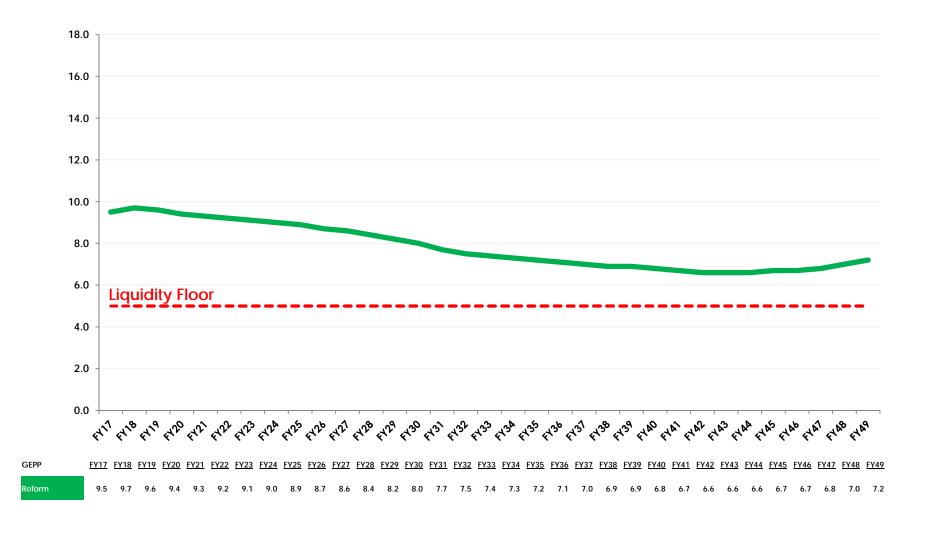
Fiscal Year	Recurring GF Revenue	Percent Change	Annual Change	Cumulative Change
FY13 Actual	\$ 907.8	\$	- \$	-
FY14 Actual	997.0	9.8%	89.2	-
FY15 Actual	1,012.5	1.6%	15.5	-
FY16 Actual	1,063.0	5.0%	50.5	-
FY17 Budget	1,088.1	2.4%	25.1	-
FY18	1,120.7	3.0%	32.6	32.6
FY19	1,154.4	3.0%	33.6	66.3
FY20	1,189.0	3.0%	34.6	100.9
FY21	1,224.7	3.0%	35.7	136.6
FY22	1,261.4	3.0%	36.7	173.3
FY23	1,299.3	3.0%	37.8	211.1
FY24	1,338.2	3.0%	39.0	250.1
FY25	1,378.4	3.0%	40.1	290.3
FY26	1,419.7	3.0%	41.4	331.6
FY27	1,462.3	3.0%	42.6	374.2
FY28	1,506.2	3.0%	43.9	418.1
FY29	1,551.4	3.0%	45.2	463.3
FY30	1,597.9	3.0%	46.5	509.8
FY31	1,645.9	3.0%	47.9	557.8
FY32	1,695.2	3.0%	49.4	607.1
FY33	1,746.1	3.0%	50.9	658.0
FY34	1,798.5	3.0%	52.4	710.4
FY35	1,852.4	3.0%	54.0	764.3
FY36	1,908.0	3.0%	55.6	819.9
FY37	1,965.2	3.0%	57.2	877.1
FY38	2,024.2	3.0%	59.0	936.1
FY39	2,084.9	3.0%	60.7	996.8
FY40	2,147.5	3.0%	62.5	1,059.4
FY41	2,211.9	3.0%	64.4	1,123.8
FY42	2,278.3	3.0%	66.4	1,190.1
FY43	2,346.6	3.0%	68.3	1,258.5
FY44	2,417.0	3.0%	70.4	1,328.9
FY 45	2,489.5	3.0%	72.5	1,401.4
FY46	2,564.2	3.0%	74.7	1,476.1
FY47	2,641.1	3.0%	76.9	1,553.0
FY48	2,720.4	3.0%	79.2	1,632.2
FY 49	2,802.0	3.0%	81.6	1,713.9

Note: Data represents Recurring GF Revenue. FY13-16 figures are actuals. FY17 is budgeted amount. FY18 and beyond assume annual growth at 3.0%

# **One-Time Payments**

	In Millions
FY17 Cost of One-Time Payments	\$ 10.70
Sources of Funding	
Collective Bargaining Contingency: Budgeted in FY17	\$ 2.98
Collective Bargaining Contingency: Added by ORD 2017-187	1.99
Pension UAAL Contingency	3.50
Total	\$ 8.47
FY16 Recapture	6.97
Total	\$ 15.44

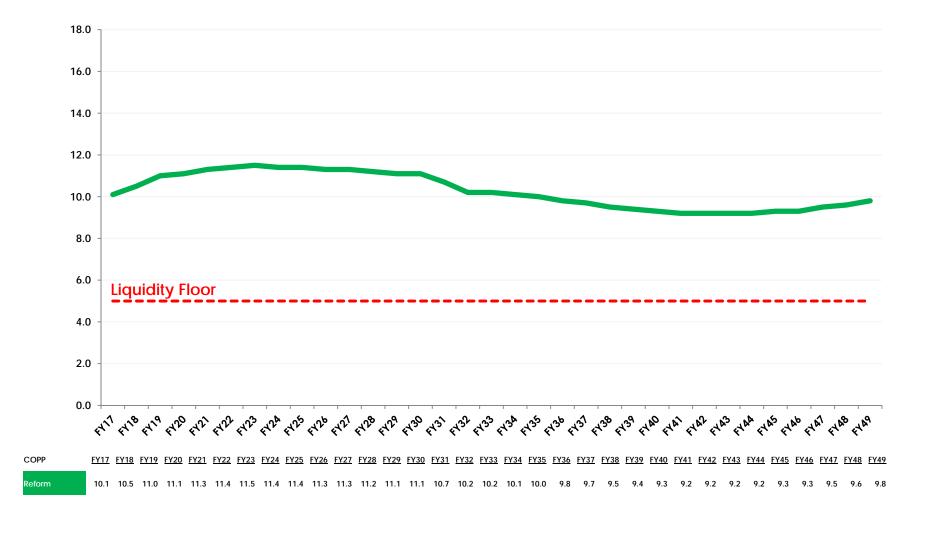
### **Liquidity Ratio – GEPP**



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### **Liquidity Ratio - COPP**



### **Liquidity Ratio – PFPF**



### **Safety Nets**

#### 1. Liquidity Ratio Floor

5.0x

Liquidity = (Estimated Market Value of Assets / Estimated Benefit Payments)

In any year where the Liquidity Ratio of any fund falls below 5.0 times, the City will make additional contributions to ensure a Liquidity Ratio of at least 5.0 times. This protection ensures the funds will have adequate cash to make benefit payments to participants

2. Minimum City Contributions	
PFPF	\$110 Million
GEPP	\$60 Million
COPP	\$10 Million

In any year where the required City contribution falls below the amounts above, the City will make additional contributions to equal the above amounts.

This protection ensures the City continues making progress towards 100% funding of the pension plans

#### 3. Review of Revenue Growth Assumption

The ½ Penny Pension Liability Sales Tax growth assumption will be reviewed annually by October 31 and may potentially be changed by City Council

### Summary

- ½ Penny Pension Liability Sales Tax is a dedicated revenue source that is more than adequate to cover the pension liability over time
- Closing the current defined benefit pension plans eliminates the uncontrollable nature of growing pension costs
- Pension funds will remain financially sound and able to meet all financial obligations with safety nets that ensure adequate liquidity, mandate minimum payments, and allow for annual review of the ½ Penny Revenue growth assumption
- New City employees will be provided with a competitive defined contribution plan that is flexible and safe
- The City will be able to better serve its citizens keeping citizens safe, providing services, building infrastructure, and developing the local economy