

**CITY OF OAKLAND PARK
POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM
AS OF OCTOBER 1, 2014**

**FOR PLAN YEAR OCTOBER 1, 2015
THROUGH SEPTEMBER 30, 2016**

April, 2015

Determination of Contribution for the
Plan Year Ending September 30, 2015
Contribution to be
Paid in Fiscal Year October 1, 2015
Through September 30, 2016

**DuLaney and Company, Inc
Actuarial Services**

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April 22, 2015

Board of Trustees
City of Oakland Park Police
and Firefighters Retirement System
c/o Mr. Pete Prior
Benefits USA, Inc.
3810 Inverrary Boulevard, Ste. 303
Lauderhill, FL 33319

**Subject: Actuarial Valuation of Retirement System for Funding Requirements
For the October 1, 2015 through September 30, 2016 Fiscal Year**

Dear Trustees:

We are pleased to present the October 1, 2014 Actuarial Valuation for the City of Oakland Park Police and Firefighters Retirement System to determine the funding requirements for the October 1, 2015 through September 30, 2016 plan/fiscal year. The purpose of this report is to indicate appropriate contribution levels, comment on the actuarial stability of the System, and to satisfy State requirements.

This report consists of this commentary, detail Tables I through XVIII and the State Required Exhibit. The Tables contain basic System cost figures plus significant details on the benefits, liabilities, and experience of the System.

Retirement System Costs

This Actuarial Valuation utilized the census and financial data collected as of October 1, 2014 to develop the required minimum Retirement System contributions under the Florida Protection of Public Employee Retirement Benefits Act and for Police and Fire Retirement Chapters 175 and 185 for the following plan/fiscal year, October 1, 2015 through September 30, 2016. The cost projection was requested and approved by the Board of Trustees, and the methodology used is the fixed dollar method, as decided by the trustees at the July 19, 2013 meeting.

The minimum payment consists of the annual normal cost plus amortization of the components of the unfunded actuarial accrued liability over various periods as prescribed by law. The result as a percentage of the annual payroll is then applied to the projected annual payroll for the following fiscal year to obtain the minimum required payment from the City and Broward Sheriffs Office (BSO).

We anticipate that the State contributions (limited by Chapters 175 and 185 for funding) will be **\$341,612** (\$195,707 from Chapter 175 and \$145,905 from Chapter 185). The remaining funding requirement, **\$1,552,164**, which is **37.45792%** of the projected 2014/2015 annual payroll, is to be contributed by the City and BSO for the fiscal year October 1, 2015 through September 30, 2016. The amount payable by the City will be **\$1,238,032** and the amount payable by BSO will be **\$314,132**. Please note that Chapters 175 and 185 require that employer contributions must be made at least quarterly.

Changes in Plan Benefits, Actuarial Methods, or Assumptions Recognized in this Valuation

In this valuation, there were no changes in plan provisions. The principal plan provisions are summarized in Table XIII.

In performing this valuation, we reviewed the actuarial assumptions and made several changes, to better reflect future expected experience. The assumed fund investment rate of return was changed from 7.75% to 7.50% per annum. The assumed annual future salary increase rate was changed from 5.75% to 5.00% per year. There were no other changes in actuarial assumptions and methods from those utilized in the last actuarial valuation. Table XIV contains an outline of the assumptions and methods used.

Comparison of Valuation Results

Table II provides a comparison of the results for the 2013/2014 and 2014/2015 plan years. The left column of Table II contains the results as of October 1, 2013 while the center column contains the results as of October 1, 2014, prior to the assumptions changes. A comparison of the two columns provides an indication of plan experience. Covered payroll decreased by approximately 9.3% and the number of active participants decreased by about 10.9%, primarily due to the termination of six (6) fire fighters during the plan year. The number of members receiving benefits increased from 118 to 119. Unfunded actuarial accrued liability decreased from \$20,985,379 to \$17,348,759 primarily due to the actuarial gain of \$3,227,537 experienced during the plan year.

The center and right columns show the figures as of October 1, 2014 prior to and after the assumptions changes, respectively. Unfunded actuarial accrued liability increased by \$1,498,592, from \$17,348,759 to \$18,847,351. The net City and BSO costs decreased by \$275,436 from \$1,827,600 (40.0% covered payroll) to \$1,552,164 (37.5% of covered payroll), since the prior valuation.

Accounting Disclosure

In November, 1994, the Government Account Standards Board (GASB) adopted Statements No. 25 and No. 27, changing the way in which government retirement systems must

report financial information. Relevant information under GASB 25 is included in Table XII. In addition, information under GASB 27 has been added to Table XII as requested by the City.

Plan Experience

Table X of our report indicates that the System experienced an actuarial gain of \$3,227,537, meaning that actual experience was favorable than anticipated.

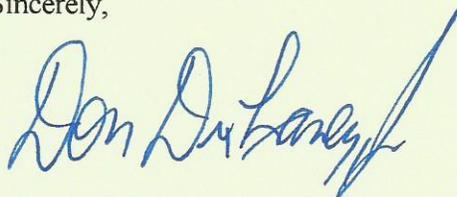
Three substantial components of experience are indicated in Table XVII. The average salary for all System Members increased by 2.88%, as compared to the assumed salary increase rate of 5.75%. Salary increase was a minor source of actuarial gain. Employee turnover was 188% of expected, which was a source of actuarial gain. The market value rate of return was 11.4%. The actuarial value rate of return was 13.4%, compared to the assumed 7.75%, therefore, investment performance was the primary source of the actuarial gain.

Participant Census and Financial Data

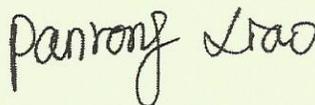
Participant census data was provided by the City and BSO. This information was not audited by us, however, we performed a number of reasonableness checks and on that basis we believe the data to be reliable.

Asset information was provided by the System Auditors.

Sincerely,



Donald A. DuLaney, Jr., A.S.A.
Senior Consulting Actuary



Panrong Xiao, M.A.A.A.
Enrolled Actuary

Table I

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Summary of Retirement Plan Costs as of October 1, 2014

	<u>Cost Data</u>	<u>% of Covered Payroll</u>
A. <u>Participant Data Summary (Table III)</u>		
1. Active employees	57	N/A
2. Terminated vested	4	N/A
3. Receiving benefits	119	N/A
4. DROP participants	7	N/A
5. Annual payroll of active employees	\$ 4,143,754	100.0%
6. Projected annual payroll of active employees for 10/1/2014 – 9/30/2015	\$ 4,143,754	100.0%
B. <u>Total Normal Costs as of 10/1/2014</u>		
1. Age retirement benefits	\$ 534,472	12.9%
2. Deferred vesting benefits	55,708	1.3%
3. Death benefits	8,318	0.2%
4. Disability benefits	33,932	0.8%
5. Estimated expenses	<u>101,210</u>	<u>2.4%</u>
6. Total annual normal costs	\$ 733,640	17.7%
C. <u>Total Actuarial Accrued Liability as of 10/1/2014</u>		
1. Age retirement benefits active employees	\$ 16,782,465	405.0%
2. Deferred vesting benefits active employees	649,206	15.7%
3. Death benefits active employees	134,316	3.2%
4. Disability benefits active employees	161,582	3.9%
5. Retired or terminated vested participants receiving benefits	45,760,900	1,104.3%
6. Terminated vested participants entitled to future benefits	452,369	10.9%
7. Deceased participants whose beneficiaries are receiving benefits	517,896	12.5%
8. DROP participants	5,456,762	131.7%
9. Disabled participants receiving benefits	1,383,323	33.4%
10. Miscellaneous liability (contributions for non-vested terminated former members not yet refunded)	<u>80,440</u>	<u>1.9%</u>
11. Total actuarial accrued liability	\$ 71,379,259	1,722.6%
D. <u>Actuarial Value of Assets (Table VI)</u>	\$ 52,531,908	1,267.7%

Table I
(continued two)

	<u>Cost Data</u>	<u>% of Covered Payroll</u>
E. <u>Unfunded Actuarial Accrued Liability as of 10/1/2014 (C.-D.)</u>	\$ 18,847,351	454.8%
F. <u>Minimum Required Contribution for 10/1/2015 – 9/30/2016</u>		
1. Total normal cost as of 10/1/2014	\$ 733,640	17.7%
2. Amortization of unfunded liability	1,439,066	34.7%
3. Interest and adjustment for payment timing	<u>84,704</u>	<u>2.0%</u>
4. Total required payment	\$ 2,257,410	54.5%
5. Expected employee contributions	\$ 363,634	8.8%
6. City, BSO and State contributions (4. – 5.)	\$ 1,893,776	45.7%
7. Item 6. as % of covered payroll	45.7019%	
8. Expected State contribution (limited by Chapters 175 & 185)	\$ 341,612	8.2%
9. Projected 10/1/2015 – 9/30/2016 covered payroll	\$ 4,143,754	
10. Minimum required City, BSO and State contributions for 10/1/2015 – 9/30/2016 (Item 9. x Item 7.)	\$ 1,893,776	
11. Minimum required City and BSO contributions for 10/1/2015 – 9/30/2016 (Item 10. – Item 8.)	\$ 1,552,164	
12. Item 11. as % of projected 10/1/2015 -9/30/2016 covered payroll (Item 11. divided by Item 9.)	37.4579%	
G. <u>Actuarial Gains / (Losses) (Table X)</u>	\$ 3,227,537	77.9%
H. <u>Actuarial Present Value of Vested Accrued Benefits</u>		
1. Retired, beneficiaries and disabled receiving benefits	\$ 47,662,119	1,150.2%
2. Terminated vested participants entitled to future benefits	452,369	10.9%
3. DROP participants	5,456,762	131.7%
4. Other participants entitled to future benefits	<u>13,579,228</u>	<u>327.7%</u>
5. Total actuarial present value of vested accrued benefits	\$ 67,150,478	1,620.5%
I. <u>Market Value of Assets (Table IV)</u>	\$ 53,933,775	1,301.6%
J. <u>Unfunded Actuarial Present Value of Vested Accrued Benefits (H. - I., not less than \$0)</u>	\$ 13,216,703	319.0%
K. <u>Vested Benefit Security Ratio (I. ÷ H.)</u>	80.3%	N/A

Table II
CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS RETIREMENT SYSTEM
Comparison of Cost Data of October 1, 2013 and October 1, 2014 Actuarial Valuations

	October 1, 2013		Prior Assumptions October 1, 2014		Revised Assumptions October 1, 2014	
	Cost Data	% of Annual Payroll	Cost Data	% of Annual Payroll	Cost Data	% of Annual Payroll
A. Participants						
1. Active employees	64	N/A	57	N/A	57	N/A
2. Terminated vested	5	N/A	4	N/A	4	N/A
3. Receiving benefits	118	N/A	119	N/A	119	N/A
4. DROP participants	6	N/A	7	N/A	7	N/A
5. Annual payroll of active employees	\$ 4,568,578	100.0%	\$ 4,143,754	100.0%	\$ 4,143,754	100.0%
5. Projected annual payroll of active employees for the following fiscal year	\$ 4,568,578	100.0%	\$ 4,143,754	100.0%	\$ 4,143,754	100.0%
B. Total Normal Costs	\$ 834,605	18.3%	\$ 753,792	18.2%	\$ 733,640	17.7%
C. Total Actuarial Accrued Liability	\$ 69,496,063	1,521.2%	\$ 69,880,667	1,686.4%	\$ 71,379,259	1,722.6%
D. Actuarial Value of Assets	\$ 48,510,684	1,061.8%	\$ 52,531,908	1,267.7%	\$ 52,531,908	1,267.7%
E. Unfunded Actuarial Accrued Liability	\$ 20,985,379	459.3%	\$ 17,348,759	418.7%	\$ 18,847,351	454.8%
F. Actuarial Gain / (Loss)	\$ 662,595	14.5%	\$ 3,227,537	77.9%	\$ 3,227,537	77.9%
G. Unfunded Actuarial Present Value of Vested Accrued Benefits	\$ 14,055,643	307.7%	\$ 11,727,115	283.0%	\$ 13,216,703	319.0%
H. Vested Benefit Security Ratio	78.3%	N/A	82.1%	N/A	80.3%	N/A
I. City & BSO Minimum Funding Requirement for Following Fiscal Year	\$ 1,827,600		\$ 1,463,163		\$ 1,552,164	
J. Item I. as % of Projected Annual Payroll for Following Fiscal Year	40.0%		35.3%		37.5%	

Table III

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Characteristics of Participants in Actuarial Valuation as of October 1, 2014

	<u>Police Officers</u>	<u>Fire Fighters</u>	<u>Total</u>
A. <u>Active Plan Participants Summary</u>			
1. Active participants fully vested	9	29	38
2. Active participants partially vested	0	16	16
3. Active participants non-vested	<u>0</u>	<u>3</u>	<u>3</u>
4. Total active participants	9	48	57
5. Annual covered payroll of active participants as of 10/1/2014	\$ 838,625	\$ 3,305,129	\$ 4,143,754
6. Projected annual covered payroll of active participants as of 10/1/2015	\$ 838,625	\$ 3,305,129	\$ 4,143,754
B. <u>Retired and Terminated Vested Participant Summary</u>			
1. Retired or terminated vested participants receiving benefits	67	41	108
2. DROP participants	0	7	7
3. Terminated vested participants entitled to future benefits	2	2	4
4. Deceased participants whose beneficiaries are receiving benefits	4	0	4
5. Disabled participants receiving benefits	6	1	7
C. <u>Annual Retirement Benefits</u>			
1. Retired or terminated vested participants receiving benefits	\$ 2,806,845	\$ 1,655,464	\$ 4,462,309
2. DROP participants	0	465,719	465,719
3. Terminated vested entitled to future benefits	31,708	17,686	49,394
4. Beneficiaries of deceased participants	68,597	0	68,597
5. Disabled participants	114,414	20,463	134,877

Table IV

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Market Value of Assets as of October 1, 2014

	<u>Market Value</u>
A. <u>General Investments</u>	
1. Cash and cash equivalents	\$ 554,090
2. U.S. government and agency securities	12,372,174
3. Corporate bonds	4,491,514
4. Fixed income fund	1,308,479
5. Common stocks	24,394,586
6. International equity funds	9,265,316
7. Receivables	1,151,228
8. Prepaid insurance	4,554
9. Real Estate	5,296,554
10. Liabilities (including DROP accounts of \$1,601,531)	<u>(1,794,417)</u>
B. <u>Total Fund</u>	\$ 57,044,078
C. <u>COLA Funding Reserve</u>	\$ 1,579,162
D. <u>Reserve for Unused Chapter 175 / 185 funds</u>	\$ 0
E. <u>Firefighters Share Plan and Police Ad-Hoc COLA Allocation Payable</u>	\$ 1,531,141
F. <u>Net Fund (B. – C. – D. – E.)</u>	<u>\$ 53,933,775</u>

Table V

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Reconciliation of Plan Assets

	<u>Membership And Benefit Account</u>	<u>Cost-of-Living Adjustment Account</u>	<u>Share Account</u>	<u>Total</u>
A. <u>Market Value of Assets</u> as of October 1, 2013	\$ 50,603,999	\$ 1,656,710	\$ 1,386,432	\$ 53,467,141
B. <u>Receipts During Period</u>				
1. Contributions				
a. Employee	\$ 404,467	\$ -	\$ -	\$ 404,467
b. City	1,673,501	-	-	1,673,501
c. State	531,755	-	118,602	650,357
d. BSO	<u>384,626</u>	<u>-</u>	<u>-</u>	<u>384,626</u>
e. Total	\$ 2,994,349	\$ -	\$ 118,602	\$ 3,112,951
2. Net interest and dividends				
a. Interest and dividends	\$ 2,087,686	\$ -	\$ 134,595	\$ 2,222,281
b. Investment expenses	<u>(330,616)</u>	<u>-</u>	<u>-</u>	<u>(330,616)</u>
c. Net interest and dividends	\$ 1,757,070	\$ -	\$ 134,595	\$ 1,891,665
3. Net realized and unrealized gain/(loss)				
a. Net realized gain (loss)	\$ (147,346)	\$ -	\$ -	\$ (147,346)
b. Net unrealized gain (loss)	<u>3,847,100</u>	<u>-</u>	<u>-</u>	<u>3,847,100</u>
c. Net realized and unrealized gain (loss)	\$ 3,699,754	\$ -	\$ -	\$ 3,699,754
4. Total receipts during period (1.e. + 2.c. + 3.c.)	\$ 8,451,173	\$ -	\$ 253,197	\$ 8,704,370
C. <u>Disbursements During Period</u>				
1. Pension payments	\$ 4,424,281	\$ 77,548	\$ 108,488	\$ 4,610,317
2. DROP payments	434,853	-	-	434,853
3. Refund of employee contributions	161,053	-	-	161,053
4. Administrative expenses	<u>101,210</u>	<u>-</u>	<u>-</u>	<u>101,210</u>
5. Total disbursements during period	\$ 5,121,397	\$ 77,548	\$ 108,488	\$ 5,307,433
D. <u>Market Value of Assets as of</u> <u>October 1, 2014 (A. + B.4. - C.5.)</u>	<u>\$ 53,933,775</u>	<u>\$ 1,579,162</u>	<u>\$ 1,531,141</u>	<u>\$ 57,044,078</u>

Table V
(continued two)

F. DROP Accounts

1. DROP Accounts balance as of October 1, 2013	\$ 1,354,522
2. Benefit payments into DROP Accounts during year	434,853
3. Disbursements from DROP Accounts during year	335,190
4. Investment gains/(losses) during year*	<u>147,346</u>
5. DROP Accounts balance as of September 30, 2014	\$ 1,601,531

* Based on actual performance of Fund.

G. COLA Reserve – No Investment Return Credited

Police Officers

Valuation Date	Beginning Year Balance	50% of Actuarial Gain	Payment to Retirees	Payment Date	Ending Year Balance
10/1/1999	\$ 0	\$ 263,484	\$ 84,354	9/2000	\$ 179,130
10/1/2000	\$ 179,130	\$ 0	\$ 0	N/A	\$ 179,130
10/1/2001	\$ 179,130	\$ 0	\$ 0	N/A	\$ 179,130
10/1/2002	\$ 179,130	\$ 0	\$ 0	N/A	\$ 179,130
10/1/2003	\$ 179,130	\$ 0	\$ 0	N/A	\$ 179,130
10/1/2004	\$ 179,130	\$ 0	\$ 0	N/A	\$ 179,130
10/1/2005	\$ 179,130	\$ 311,083	\$ 0	N/A	\$ 490,213
10/1/2006	\$ 490,213	\$ 0	\$ 0	N/A	\$ 490,213
10/1/2007	\$ 490,213	\$ 367,845	\$ 0	N/A	\$ 858,058
10/1/2008	\$ 858,058	\$ 0	\$ 0	N/A	\$ 858,058
10/1/2009	\$ 858,058	\$ 0	\$ 0	N/A	\$ 858,058
10/1/2010	\$ 858,058	\$ 0	\$ 0	N/A	\$ 858,058
10/1/2011	\$ 858,058	\$ 0	\$ 0	N/A	\$ 858,058
10/1/2012	\$ 858,058	\$ 125,568	\$ 0	N/A	\$ 983,626
10/1/2013	\$ 983,626	\$ 0	\$ 0	N/A	\$ 983,626
10/1/2014	\$ 983,626	\$ 0	\$ 0	N/A	\$ 983,626

Firefighters

Valuation Date	Beginning Year Balance	50% of Actuarial Gain	Payment to Retirees	Payment Date	Ending Year Balance
10/1/1999	\$ 0	\$ 168,558	\$ 35,867	9/2000	\$ 132,691
10/1/2000	\$ 132,691	\$ 0	\$ 0	N/A	\$ 132,691
10/1/2001	\$ 132,691	\$ 0	\$ 0	N/A	\$ 132,691
10/1/2002	\$ 132,691	\$ 0	\$ 0	N/A	\$ 132,691
10/1/2003	\$ 132,691	\$ 0	\$ 0	N/A	\$ 132,691
10/1/2004	\$ 132,691	\$ 0	\$ 0	N/A	\$ 132,691
10/1/2005	\$ 132,691	\$ 216,982	\$ 0	N/A	\$ 349,673
10/1/2006	\$ 349,673	\$ 0	\$ 0	N/A	\$ 349,673
10/1/2007	\$ 349,673	\$ 287,786	\$ 0	N/A	\$ 637,459
10/1/2008	\$ 637,459	\$ 0	\$ 0	N/A	\$ 637,459
10/1/2009	\$ 637,459	\$ 0	\$ 0	N/A	\$ 637,459
10/1/2010	\$ 637,459	\$ 0	\$ 0	N/A	\$ 637,459
10/1/2011	\$ 637,459	\$ 0	\$ 0	N/A	\$ 637,459
10/1/2012	\$ 637,459	\$ 93,285	\$ 0	N/A	\$ 730,744
10/1/2013	\$ 730,744	\$ 0	\$ 0	N/A	\$ 730,744
10/1/2014	\$ 730,744	\$ 0	\$ 0	N/A	\$ 730,744

Table VI

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Development of Actuarial Value of Assets

	<u>10/1/2013 – 9/30/2014</u>	<u>10/1/2012 – 9/30/2013</u>	<u>10/1/2011 – 9/30/2012</u>
A. Market value at beginning of year	\$ 50,603,999	\$ 47,841,468	\$ 42,100,137
B. Contributions	2,994,349	3,169,185	3,119,540
C. Benefit payments and expenses (administrative)	5,121,397	5,012,768	4,701,953
D. Expected investment return (A. x i + (B. – C.) x i / 2)	3,839,387	3,636,275	3,201,442
E. Expected market value at end of year (A. + B. – C. + D.)	\$ 52,316,338	\$ 49,634,160	\$ 43,719,166
F. Actual market value at end of year (Prior to Ch. 175 and Ch. 185 Reserves)	53,933,775	50,604,887	48,060,321
G. Excess/(Shortfall) of actual market value over expected market value at end of year (F. – E.)			
1. From previous year	1,617,437	970,727	4,341,155
2. From two years ago	970,727	4,341,155	(2,992,776)
H. Deferred recognized amounts of excess/(shortfall)			
1. 66-2/3% from previous year	1,078,291	647,151	2,894,103
2. 33-1/3% from two years ago	<u>323,576</u>	<u>1,447,052</u>	<u>(997,592)</u>
3. Total	1,401,867	2,094,203	1,896,511
I. Ch. 175 and Ch. 185 Reserves	0	0	0
J. Allocation to COLA Funding Reserve	0	0	218,853
K. 80% of end of year market value of assets	43,147,020	40,483,910	38,448,257
L. 120% of end of year market value of assets	64,720,530	60,725,864	57,672,385
M. Preliminary actuarial value at end of year (F. – H.3., but not less than K. or more than L.)	\$ 52,531,908	\$ 48,510,684	\$ 46,163,810
N. Final actuarial value end of year (M. - I. – J.)	\$ 52,531,908	\$ 48,510,684	\$ 45,944,957
O. Final market value end of year (F. - I. – J.)	\$ 53,933,775	\$ 50,604,887	\$ 47,841,468

Table VII

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

History of Chapter 185 Contribution Usage

Under the provisions of Florida Statutes Chapter 185, as amended by Chapter 99-1, increments in Chapter 185 contributions over the amount for 1997 must first be used to fund the cost of meeting minimum benefit requirements. After the minimum requirements are met, any additional Chapter 185 contributions received must be used to provide extra benefits. The following is an accounting of the contributions received and the amounts used for compliance since the 1997 plan year.

A.	1997 Chapter 185 contributions received (Base Amount)	\$	67,050
	2005 adoption of minimum retirement eligibilities and benefits, minimum service and non-service connected disability benefits, minimum pre-retirement death benefits, and effective October 1, 2003, the inclusion of up to 300 hours of overtime pay per year as pension earnings.		78,855
B.	Benefit improvements needed to meet Ch. 185 minimum benefits		None

**Table VII
(continued two)**

C. History of Chapter 185 contribution usage

During Plan Year	Base Amount			Actual Amount Received		
	Ch. 185 Contribution	Cost for New Benefits	Total Ch. 185 Contribution Used	Ch. 185 Contribution	Excess of Actual over Base Amount	Cumulative Excess of Actual over Base Amount w/ Interest*
1997/1998	\$ 67,050	\$ 0	\$ 67,050	\$ 67,050	\$ 0	\$ 0
1998/1999	\$ 67,050	\$ 0	\$ 67,050	\$ 75,838	\$ 8,788	\$ 8,788
1999/2000	\$ 67,050	\$ 0	\$ 67,050	\$ 113,876	\$ 46,826	\$ 55,614
2000/2001	\$ 67,050	\$ 0	\$ 67,050	\$ 76,993	\$ 9,943	\$ 65,557
2001/2002	\$ 67,050	\$ 0	\$ 67,050	\$ 85,557	\$ 18,507	\$ 84,064
2002/2003	\$ 67,050	\$ 0	\$ 67,050	\$ 111,254	\$ 44,204	\$ 134,993
2003/2004	\$ 67,050	\$ 0	\$ 67,050	\$ 148,202	\$ 81,152	\$ 226,944
2004/2005	\$ 67,050	\$78,855	\$ 145,905	\$ 150,369	\$ 4,464	\$ 142,245
2005/2006	\$ 145,905	\$ 0	\$ 145,905	\$ 173,752	\$ 27,847	\$ 181,472
2006/2007	\$ 145,905	\$ 0	\$ 145,905	\$ 200,320	\$ 54,415	\$ 250,405
2007/2008	\$ 145,905	\$ 0	\$ 145,905	\$ 203,116	\$ 57,211	\$ 327,648
2008/2009	\$ 145,905	\$ 0	\$ 145,905	\$ 244,010	\$ 98,105	\$ 451,965
2009/2010	\$ 145,905	\$ 0	\$ 145,905	\$ 226,684	\$ 80,779	\$ 0
2010/2011	\$ 145,905	\$ 0	\$ 145,905	\$ 211,726	\$ 65,821	\$ 0
2011/2012	\$ 145,905	\$ 0	\$ 145,905	\$ 236,130	\$ 90,225	\$ 0
2012/2013	\$ 145,905	\$ 0	\$ 145,905	\$ 239,602	\$ 93,697	\$ 0
2013/2014	\$ 145,905	\$ 0	\$ 145,905	\$ 264,507	\$ 118,602	\$ 0

* Interest accumulation begins with the 2002/2003 plan year, and applies to the cumulative excess of actual over base amount from prior plan year. The interest rates were 8.0% per year through 2008/2009, and 7.75% thereafter. For 2004/2005, a one-time amount of \$107,319 was also used to fund the adoption of minimum benefits. For 2009/2010, a one-time amount of \$532,744 was used to fund the Police Share Plan and Ad-hoc COLA Benefits. For 2010/2011, a one-time amount of \$65,821 was used to fund the Police Share Plan and Ad-hoc COLA Benefits. For 2011/2012, a one-time amount of \$90,225 was used to fund the Police Share Plan and Ad-hoc COLA Benefits. For 2012/2013, a one-time amount of \$93,697 was used to fund the Police Share Plan and Ad-hoc COLA Benefits. For 2013/2014, a one-time amount of \$118,602 was used to fund the Police Share Plan and Ad-hoc COLA Benefits.

Table VIII

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

History of Chapter 175 Contribution Usage

Under the provisions of Florida Statutes Chapter 175, as amended by Chapter 99-1, increments in Chapter 175 contributions over the amount for 1997 must first be used to fund the cost of meeting minimum benefit requirements. After the minimum requirements are met, any additional Chapter 175 contributions received must be used to provide extra benefits. The following is an accounting of the contributions received and the amounts used for compliance since the 1997 plan year.

A.	1997 Chapter 175 contributions received (Base Amount)	\$	76,087
	2005 adoption of minimum retirement eligibilities and benefits, minimum service and non-service connected disability benefits, and minimum pre-retirement death benefits.	.	14,407
	Increased benefit multiplier for years 11 – 20 of service; change in DROP participation duration; and increased member contributions, and the establishment of a Share Plan, to be effective 10/1/2006		105,213
B.	Benefit improvements needed to meet Ch. 175 minimum benefits		None

Table VIII
(continued two)

C. History of Chapter 175 contribution usage

During Plan Year	Base Amount			Actual Amount Received		
	Ch. 175 Contribution	Cost for New Benefits	Total Ch. 175 Contribution Used	Ch. 175 Contribution	Excess of Actual over Base Amount	Cumulative Excess of Actual over Base Amount w/ Interest*
1997/1998	\$ 76,087	\$ 0	\$ 76,087	\$ 76,087	\$ 0	\$ 0
1998/1999	\$ 76,087	\$ 0	\$ 76,087	\$ 69,690	\$ 0	\$ 0
1999/2000	\$ 76,087	\$ 0	\$ 76,087	\$ 102,217	\$ 26,130	\$ 26,130
2000/2001	\$ 76,087	\$ 0	\$ 76,087	\$ 113,525	\$ 37,438	\$ 63,568
2001/2002	\$ 76,087	\$ 0	\$ 76,087	\$ 132,048	\$ 55,961	\$ 119,529
2002/2003	\$ 76,087	\$ 0	\$ 76,087	\$ 182,977	\$ 106,890	\$ 235,981
2003/2004	\$ 76,087	\$ 0	\$ 76,087	\$ 209,599	\$ 133,512	\$ 388,372
2004/2005	\$ 76,087	\$ 14,407	\$ 90,494	\$ 201,474	\$ 110,980	\$ 516,015
2005/2006	\$ 90,494	\$ 0	\$ 90,494	\$ 195,485	\$ 107,991	\$ 665,287
2006/2007	\$ 90,494	\$ 105,213	\$ 195,707	\$ 300,224	\$ 104,517	\$ 0
2007/2008	\$ 195,707	\$ 0	\$ 195,707	\$ 305,105	\$ 109,398	\$ 0
2008/2009	\$ 195,707	\$ 0	\$ 195,707	\$ 291,037	\$ 95,330	\$ 0
2009/2010	\$ 195,707	\$ 0	\$ 195,707	\$ 306,510	\$ 110,803	\$ 0
2010/2011	\$ 195,707	\$ 0	\$ 195,707	\$ 310,716	\$ 115,009	\$ 0
2011/2012	\$ 195,707	\$ 0	\$ 195,707	\$ 297,123	\$ 101,416	\$ 0
2012/2013	\$ 195,707	\$ 0	\$ 195,707	\$ 298,612	\$ 102,905	\$ 0
2013/2014	\$ 195,707	\$ 0	\$ 195,707	\$ 303,971	\$ 108,264	\$ 0

* Interest accumulation begins with the 2002/2003 plan year, and applies to the cumulative excess of actual over base amount from prior plan year. The interest rates were 8.0% per year through 2008/2009, and 7.75% thereafter. For 2004/2005, a one-time amount of \$14,407 was also used to fund the adoption of minimum benefits was used. On 10/1/2006, a one-time amount of \$665,287 was used to fund the adoption of benefit improvements. On 9/30/2007, a one-time amount of \$104,517 was used for the funding of the Share Plan. On 9/30/2008, a one-time amount of \$109,398 was used for the funding of the Share Plan. On 9/30/2009, a one-time amount of \$95,330 was used for the funding of the Share Plan. On 9/30/2010, a one-time amount of \$110,803 was used for the funding of the Share Plan. On 9/30/2011, a one-time amount of \$115,009 was used for the funding of the Share Plan. On 9/30/2012, a one-time amount of \$101,416 was used for the funding of the Share Plan. On 9/30/2013, a one-time amount of \$102,905 was used to reduce the City's contribution. On 9/30/2014, a one-time amount of \$108,264 was used to reduce the City's contribution.

Table VIII
(continued three)

D. History of Supplemental Chapter 175 contribution usage

During Plan Year	Base Amount			Actual Amount Received		
	Ch. 175 Supplemental Contribution	Cost for New Benefits	Total Ch. 175 Supplemental Contribution Used	Ch. 175 Contribution	Excess of Actual over Base Amount	Cumulative Excess of Actual over Base Amount w/ Interest*
1997/1998	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
1998/1999	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
1999/2000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2000/2001	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2001/2002	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2002/2003	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2003/2004	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2004/2005	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2005/2006	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2006/2007	\$ 0	\$ 0	\$ 0	\$ 25,149	\$ 25,149	\$ 0
2007/2008	\$ 0	\$ 0	\$ 0	\$ 38,921	\$ 38,921	\$ 0
2008/2009	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
2009/2010	\$ 0	\$ 0	\$ 0	\$ 5,936	\$ 5,936	\$ 0
2010/2011	\$ 0	\$ 0	\$ 0	\$ 13,393	\$ 13,393	\$ 0
2011/2012	\$ 0	\$ 0	\$ 0	\$ 77,255	\$ 77,255	\$ 0
2012/2013	\$ 0	\$ 0	\$ 0	\$ 73,135	\$ 73,135	\$ 0
2013/2014	\$ 0	\$ 0	\$ 0	\$ 81,879	\$ 81,879	\$ 0

* Interest accumulation begins with the 2002/2003 plan year, and applies to the cumulative excess of actual over base amount from prior plan year. The interest rates were 8.0% per year through 2008/2009, and 7.75% thereafter. On 9/30/2007 and 9/30/2008, one-time uses of \$25,149 and \$38,921, respectively, were used for the funding of the Share Plan. On 9/30/2010, a one-time use of \$5,936 was used for the funding of the Share Plan. On 9/30/2011, a one-time use of \$13,393 was used for the funding of the Share Plan. On 9/30/2012, a one-time use of \$77,255 was used for the funding of the Share Plan. On 9/30/2013, a one-time use of \$73,135 was used to reduce the City's contribution. On 9/30/2014, a one-time use of \$81,879 was used to reduce the City's contribution.

Table IX

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Reconciliation of Firefighters' Share Accounts Balance and
Police Officers' Share and Ad-hoc COLA Accounts Balance

I. Firefighters' Share Accounts

A. <u>Share Accounts Balance as of September 30, 2013</u>	\$ 934,513
B. <u>Forfeitures during Plan Year</u>	38,500
C. <u>Distributions Made to Retirees and Beneficiaries During Plan Year</u>	(16,937)
D. <u>Allocations as of September 30, 2014</u> (Made from Available Annual Excess Chapter 175 Contributions)	
1) Excess Regular Chapter 175 Contributions received on September 20, 2014	\$ 0
2) Excess Supplemental Chapter 175 Contributions received on October 11, 2014	<u>0</u>
3) Total available for allocations (1. + 2.)	\$ 0
E. <u>Investment Earnings Credited During Plan Year</u>	\$ 101,595
F. <u>Allocations of Forfeitures during Plan Year</u>	<u>(38,500)</u>
G. <u>Share Accounts Balance as of September 30, 2014</u> (A. + B. + C. + E. + F.)	<u>\$ 1,019,171</u>

The investment returns were provided by the Plan's Investment Advisor.

Table IX
(continued two)

II. Police Officers' Share and Ad-hoc COLA Accounts

A. <u>Ad-hoc COLA Accounts Balance as of September 30, 2013</u>	\$ 451,919
B. <u>Forfeitures during Plan Year</u>	0
C. <u>Distributions Made to Retirees and Beneficiaries During Plan Year</u>	(99,526)
D. <u>Allocations as of September 30, 2014</u> (Made from Available Annual Excess Chapter 185 Contributions) - Excess Regular Chapter 185 Contributions received 09/20/2014	\$ 118,602
E. <u>Investment Earnings Credited During Plan Year</u>	\$ 40,975
F. <u>Allocations of Forfeitures during Plan Year</u>	<u>0</u>
G. <u>Share and Ad-hoc COLA Accounts Balance as of September 30, 2014</u> (A. + B. + C. + D. + E. + F.)	<u>\$ 511,970</u>

The investment returns were provided by the Plan's Investment Consultant.

Table X

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Actuarial Gains / (Losses) for Plan Year Ending September 30, 2014

A. Derivation of Actuarial Gain / (Loss)

1.	Employer net normal cost previous valuation	\$ 413,273
2.	Unfunded actuarial accrued liability previous valuation	\$ 20,985,379
3.	Contributions for previous year	
	(a) City and BSO	\$ 2,058,127
	(b) State (limited by Chapters 175 and 185)	<u>341,612</u>
	(c) Total	\$ 2,399,739
4.	Interest on:	
	(a) Employer net normal costs	\$ 32,029
	(b) Unfunded actuarial accrued liability	1,626,367
	(c) City, BSO and State contributions	<u>81,013</u>
	(d) Net total: (a) + (b) - (c)	\$ 1,577,383
5.	Increase (decrease) from methods/assumptions change	\$ 1,498,592
6.	Increase (decrease) from plan amendment	\$ 0
7.	Transfer from Chapter 175 and 185 Reserves	\$ 0
8.	Expected unfunded actuarial accrued liability current year: (1. + 2. - 3. + 4. + 5. + 6. - 7.)	\$ 22,074,888
9.	Actual unfunded actuarial accrued liability current year prior to funding for COLA Reserve:	\$ 18,847,351
10.	Actuarial gain / (loss): 8. - 9.	\$ 3,227,537
11.	50% of Actuarial gain / (loss) to COLA Reserve	\$ 0
12.	Net Actuarial gain / (loss): 10. - 11.	\$ 3,227,537

B. Approximate Portion of Gain / (Loss) Due to Investments

1.	Actuarial value of assets previous year	\$ 48,510,684
2.	Contributions during period (limited by Chapters 175 and 185)	\$ 2,813,012
3.	Benefits paid, contributions refunded and expenses paid during period	\$ 5,121,397
4.	Funding for COLA reserve	\$ 0
5.	Transfer from Chapter 175 and 185 Reserves	\$ 0
6.	Expected appreciation for period	\$ 3,657,810
7.	Expected actuarial value of assets current year: (1. + 2. - 3. - 4. + 5. + 6.)	\$ 49,860,109
8.	Actual actuarial value of assets current year	\$ 52,531,908
9.	Approximate gain / (loss): 8. - 7.	\$ 2,671,799

C. Approximate Portion of Gain / (Loss) Due to Liabilities: A.10. - B. \$ 555,738

Table XI

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Amortization of Unfunded Liability

<u>Date</u>	<u>Unfunded Liability</u>	<u>Amortization Payment</u>
10/01/2014	\$ 18,847,351	\$ 1,439,066
10/01/2015	\$ 18,713,907	\$ 1,737,657
10/01/2016	\$ 18,249,469	\$ 1,498,255
10/01/2017	\$ 18,007,555	\$ 1,274,563
10/01/2044	\$ 0	\$ 0

Table XII

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Accounting Disclosure Exhibit

I. Number of Plan Members

	<u>10/1/2013</u>	<u>10/1/2014</u>
a. Retirees and beneficiaries receiving benefits	118	119
b. DROP participants	6	7
c. Terminated plan members entitled but not yet receiving benefits	5	4
d. Active plan members	<u>64</u>	<u>57</u>
e. Total	193	187

II. Financial Accounting Standards Board Information

A. Statement of Accumulated Plan Benefits

1. Actuarial present value of accumulated vested plan benefits		
a. Participants currently receiving benefits	\$ 46,783,732	\$ 47,662,119
b. Terminated vested participants	574,721	452,369
c. DROP participants	4,560,720	5,456,762
d. Others entitled to future benefits	<u>12,600,376</u>	<u>13,498,788</u>
e. Total	\$ 64,660,530	\$ 67,150,478
2. Actuarial present value of accumulated non-vested plan benefits	<u>799,369</u>	<u>555,961</u>
3. Total actuarial present value of accumulated plan benefits	\$ 65,459,899	\$ 67,706,439

B. Statement of Change in Accumulated Plan Benefits

1. Actuarial present value of accumulated plan benefits as of October 1, 2013	\$ 65,459,899
2. Increase (decrease) during year attributable to:	
a. Plan amendment	\$ 0
b. Change in actuarial assumptions	1,519,951
c. Benefits paid including refunds and DROPs	(5,020,187)
d. Other, including benefits accumulated and increase for interest due to decrease in the discount period	<u>5,746,776</u>
e. Net increase	\$ 2,246,540
3. Actuarial present value of accumulated plan benefits as of October 1, 2014	\$ 67,706,439

C. Significant Matters Affecting Calculations

1. Assumed rate of return used in determining actuarial present values	7.50%
2. Change in actuarial assumptions	See Table XIV, Item M.
3. Plan amendments	None.

Table XII
(continued two)

III. Schedule of Funding Progress (As required by GASB No. 25)

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Valuation Date	Actuarial Value of Assets (AVA)	Actuarial Accrued Liability (AAL)	Unfunded Actuarial Accrued Liability (UAAL) (3) - (2)	Funded Ratio (2) / (3)	Annual Covered Payroll	UAAL as % of Payroll (4) / (6)
October 1, 1993	\$ 22,073	\$ 20,285	\$ (1,788)	108.8%	\$ 5,002	(35.7%)
October 1, 1994	\$ 22,862	\$ 20,992*	\$ (1,870)	108.9%	\$ 5,076	(36.8%)
October 1, 1995	\$ 28,841	\$ 24,924*	\$ (3,917)	115.7%	\$ 4,994	(78.4%)
October 1, 1996	\$ 32,593	\$ 27,114	\$ (5,479)	120.2%	\$ 5,408	(101.3%)
October 1, 1997	\$ 41,094	\$ 28,631	\$ (12,463)	143.5%	\$ 5,714	(218.1%)
October 1, 1998	\$ 44,551	\$ 35,140	\$ (9,411)	126.8%	\$ 6,232	(151.0%)
October 1, 1999	\$ 47,736	\$ 37,933	\$ (9,803)	125.8%	\$ 6,195	(158.2%)
October 1, 2000	\$ 48,223	\$ 39,148	\$ (9,075)	123.2%	\$ 5,776	(157.1%)
October 1, 2001	\$ 46,395	\$ 41,994	\$ (4,401)	110.5%	\$ 5,214	(84.4%)
October 1, 2002	\$ 40,435	\$ 43,856	\$ 3,421	92.2%	\$ 5,304	64.5%
October 1, 2003	\$ 36,972	\$ 46,238	\$ 9,266	80.0%	\$ 5,445	170.2%
October 1, 2004	\$ 37,705	\$ 47,581	\$ 9,876	79.2%	\$ 5,643	175.0%
October 1, 2005	\$ 40,764	\$ 50,627	\$ 9,863	80.5%	\$ 6,095	161.8%
October 1, 2006	\$ 43,845	\$ 55,951	\$ 12,106	78.4%	\$ 6,604	183.3%
October 1, 2007	\$ 46,510	\$ 58,204	\$ 11,694	79.9%	\$ 6,095	191.9%
October 1, 2008	\$ 46,826	\$ 60,407	\$ 13,581	77.5%	\$ 6,006	226.1%
October 1, 2009	\$ 45,395	\$ 64,951	\$ 19,556	69.9%	\$ 5,827	335.6%
October 1, 2010	\$ 43,666	\$ 66,387	\$ 22,721	65.8%	\$ 5,324	426.7%
October 1, 2011	\$ 43,878	\$ 68,557	\$ 24,679	64.0%	\$ 5,087	485.1%
October 1, 2012	\$ 45,945	\$ 68,062	\$ 22,117	67.5%	\$ 4,561	484.9%
October 1, 2013	\$ 48,511	\$ 69,496	\$ 20,985	69.8%	\$ 4,569	459.3%
October 1, 2014	\$ 52,532	\$ 71,379	\$ 18,847	73.6%	\$ 4,144	454.8%

Note: Dollar amounts in thousands

* AAL amount projected based on prior valuation results.

Table XII
(continued three)

IV. GASB No. 27 Disclosures

Period	(a) Annual Required Contribution* (ARC)	(b) Actual Employer Contributions	(c) Interest on NPO Balance	(d) Amortization Factor	(e) Adjustment to ARC (h) / (d)	(f) Annual Pension Cost* (APC) (a) + (c) – (e)	(g) Change in NPO (f) – (b)	(h) NPO = Prior NPO + (g)
10/01/2002 – 09/30/2003								\$ (151,143)
10/01/2003 – 09/30/2004	\$ 1,622,574	\$1,622,574	\$ (12,091)	11.9246	\$ (12,675)	\$ 1,623,158	\$ 584	\$ (150,559)
10/01/2004 – 09/30/2005	\$ 1,774,056	\$1,774,056	\$ (12,045)	11.9246	\$ (12,626)	\$ 1,774,637	\$ 581	\$ (149,978)
10/01/2005 – 09/30/2006	\$ 1,522,223	\$1,522,223	\$ (11,998)	11.9246	\$ (12,577)	\$ 1,522,802	\$ 579	\$ (149,399)
10/01/2006 – 09/30/2007	\$ 1,479,862	\$1,479,862	\$ (11,952)	11.9246	\$ (12,529)	\$ 1,480,439	\$ 577	\$ (148,822)
10/01/2007 – 09/30/2008	\$ 2,004,541	\$2,004,541	\$ (11,906)	11.9246	\$ (12,480)	\$ 2,005,115	\$ 574	\$ (148,248)
10/01/2008 – 09/30/2009	\$ 1,979,938	\$1,979,938	\$ (11,860)	11.9246	\$ (12,432)	\$ 1,980,510	\$ 572	\$ (147,676)
10/01/2009 – 09/30/2010	\$ 1,962,037	\$1,962,037	\$ (11,445)	12.4221	\$ (11,888)	\$ 1,962,480	\$ 443	\$ (147,233)
10/01/2010 – 09/30/2011	\$ 2,284,394	\$2,284,394	\$ (11,411)	12.4221	\$ (11,853)	\$ 2,284,836	\$ 442	\$ (146,791)
10/01/2011 – 09/30/2012	\$ 2,651,217	\$2,651,217	\$ (11,376)	12.4221	\$ (11,817)	\$ 2,651,658	\$ 441	\$ (146,350)
10/01/2012 – 09/30/2013	\$ 2,557,916	\$2,557,916	\$ (11,342)	12.4221	\$ (11,781)	\$ 2,558,355	\$ 439	\$ (145,911)
10/01/2013 – 09/30/2014	\$ 2,399,739	\$2,399,739	\$ (11,308)	12.4221	\$ (11,746)	\$ 2,400,177	\$ 438	\$ (145,473)

Annual Pension Cost and Net Pension Asset:

Fiscal Year Ended	09/30/2012	09/30/2013	09/30/2014
Annual Required Contribution	\$ 2,651,217	\$ 2,557,916	\$ 2,399,739
Interest on Net Pension Asset	(11,376)	(11,342)	(11,308)
Adjustment to Annual Required Contribution	11,817	11,781	11,746
Annual Pension Cost	\$ 2,651,658	\$ 2,558,355	\$ 2,400,177
Employer Contributions Made	(2,651,217)	(2,557,916)	(2,399,739)
(Increase) decrease in Net Pension Obligation	\$ 441	\$ 439	\$ 438
Net Pension (Asset), beginning of year	(146,791)	(146,350)	(145,911)
Net Pension (Asset), end of year	\$ (146,350)	\$ (145,911)	\$ (145,473)

Table XII
(continued four)

V. Schedule of Contributions (As required by GASB No. 25)

Plan Year	Annual Required Contribution	Percentage Contributed
10/01/96 – 09/30/97	\$ 254,049	100%
10/01/97 – 09/30/98	\$ 158,481	100%
10/01/98 – 09/30/99	\$ 245,653	100%
10/01/99 – 09/30/00	\$ 331,349	100%
10/01/00 – 09/30/01	\$ 188,144	100%
10/01/01 – 09/30/02	\$ 581,996	100%
10/01/02 – 09/30/03	\$ 1,178,897	100%
10/01/03 – 09/30/04	\$ 1,622,574	100%
10/01/04 – 09/30/05	\$ 1,774,056	100%
10/01/05 – 09/30/06	\$ 1,522,223	100%
10/01/06 – 09/30/07	\$ 1,479,862	100%
10/01/07 – 09/30/08	\$ 2,004,541	100%
10/01/08 – 09/30/09	\$ 1,979,938	100%
10/01/09 – 09/30/10	\$ 1,962,037	100%
10/01/10 – 09/30/11	\$ 2,284,394	100%
10/01/11 – 09/30/12	\$ 2,651,217	100%
10/01/12 – 09/30/13	\$ 2,557,916	100%
10/01/13 – 09/30/14	\$ 2,399,739	100%

VI. Notes to Required Supplementary Information

The information presented in the required supplementary schedules was determined as part of the actuarial valuations at the dates indicated. Additional information as of the latest actuarial valuation follows:

Valuation date	October 1, 2014
Actuarial cost method	Entry Age Normal Level Percentage of Pay
Amortization method	Layered amortization
Remaining amortization period	30 years
Asset valuation method	See Table XIV, Item G.
Actuarial assumptions:	
Investment rate of return*	7.50%
Projected salary increases*	5.00%
Cost-of-living adjustments	None

*Includes inflation at 3.00%

Table XII
(continued five)

VI. Revenues by Source and Expenses by Type

Fiscal Year	Revenues by Source				Total
	Employee Contributions	City, County & BSO Contributions	State Contributions	Investment Income	
2014	\$ 404,467	\$ 2,058,127	\$ 531,755	\$ 5,787,440	\$ 8,781,789
2013	\$ 435,229	\$ 2,216,304	\$ 611,349	\$ 4,866,697	\$ 8,129,579
2012	\$ 468,323	\$ 2,309,605	\$ 610,508	\$ 7,798,387	\$11,186,823
2011	\$ 495,572	\$ 1,942,782	\$ 535,835	\$ 555,676	\$ 3,529,865
2010	\$ 540,292	\$ 1,729,815	\$ 539,130	\$ 3,811,070	\$ 6,620,307
2009	\$ 579,769	\$ 1,638,325	\$ 535,047	\$ 1,322,337	\$ 4,075,478
2008	\$ 568,516	\$ 1,662,927	\$ 547,142	\$(6,000,183)	\$(3,221,598)
2007	\$ 592,785	\$ 1,243,462	\$ 525,693	\$ 6,112,097	\$ 8,474,037
2006	\$ 579,887	\$ 1,379,086	\$ 372,238	\$ 3,488,918	\$ 5,820,129
2005	\$ 537,614	\$ 1,630,919	\$ 351,843	\$ 4,020,992	\$ 6,541,368

Fiscal Year	Expenses by Type			Total
	Benefits	Expenses	Refunds	
2014	\$4,859,134	\$ 431,826	\$ 161,053	\$ 5,452,013
2013	\$5,009,307	\$ 411,956	\$ 81,698	\$ 5,502,961
2012	\$4,676,423	\$ 380,387	\$ 0	\$ 5,056,810
2011	\$4,600,702	\$ 358,533	\$ 5,649	\$ 4,964,884
2010	\$4,077,365	\$ 357,919	\$ 9,474	\$ 4,444,758
2009	\$ 3,804,902	\$ 327,834	\$ 25,486	\$ 4,158,222
2008	\$ 3,520,332	\$ 420,637	\$ 67,956	\$ 4,008,925
2007	\$ 3,136,698	\$ 385,819	\$ 75,993	\$ 3,598,510
2006	\$ 2,992,983	\$ 334,463	\$ 246,407	\$ 3,575,853
2005	\$ 2,981,797	\$ 308,106	\$ 66,072	\$ 3,355,975

Contributions were made in accordance with actuarially determined contribution requirements.

Table XIII

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Outline of Principal Provisions of Plan

A. Effective Date:

December 13, 1975. The Plan was amended and restated on July 5, 1995. The most recent amendment was City Ordinance O-2010-026, which established a Share Plan and Ad-hoc COLA benefits for Police Officers, effective October 1, 2009.

B. Continuous Service:

Service by a member in years and completed calendar months from the date of last employment until date of termination, death, disability or retirement.

C. Average Monthly Earnings (AME):

One-twelfth of average of annual earnings for highest three consecutive years of employment. Earnings are basic wages plus longevity pay but excluding overtime, bonuses, holiday premiums, vacation premiums and any other non-regular payments. Annual earnings are limited by IRC 401(a)(17). Effective October 1, 2003, up to 300 hours of overtime pay per year is to be included as pension earnings for Police Officers only.

D. Interest on Employee Contributions:

3.0% per annum, compounded semi-annually.

For firefighters hired on or after 3/1/2013 or firefighters with less than 10 years of continuous service on 3/1/2013, there will be no interest.

E. Eligibility:

Eligible on date of employment.

F. Normal Retirement:

1. Eligibility: Attainment of age 58, age 55 and 10 years of Continuous Service, or age 42 and 20 years of Continuous Service.
For firefighters hired on or after 3/1/2013 or firefighters not within 7 years of existing NRD as of 3/1/2013, age 55 and 10 years of Continuous Service, or age 52 and 25 years of Continuous Service.
2. Benefit: For Firefighters: 3.0% of AME per year for the first 10 years of Continuous Service and 4.0% of AME per year for the next 10 years of Continuous Service and 3.0% of AME for the next 5 years of Continuous Service, subject to a maximum of 85% of AME.

Table XIII
(continued two)

For firefighters hired on or after 3/1/2013 or firefighters not within 7 years of existing NRD as of 3/1/2013 – Accrued benefit as of 3/1/2013 or 2.25% per year (max 70%).
No benefits less than accrued benefit as of 3/1/2013.

For Police Officers: 3.0% of AME per year of Continuous Service, subject to a maximum of 75% of AME.

G. Early Retirement:

1. Eligibility: Completion of 20 years of Continuous Service or attainment of age 50 and 10 years of Continuous Service.
For firefighters hired on or after 3/1/2013 or firefighters not within 7 years of existing NRD as of 3/1/2013,
2. Benefit: Deferred benefit to normal retirement date in the amount of the benefit accrued to date of retirement based on service and earnings to that date. If the benefit is taken immediately, it is reduced by 3.0% per year for early receipt.

H. Deferred Retirement:

1. Eligibility: Continued employment beyond normal retirement date.
2. Benefit: Benefit accrued at deferred retirement date.

I. Disability Benefit:

1. Service connected: The greater of (a), (b), (c), or (d), where (a) is the benefit due under any other provision of the System, (b) is a monthly benefit payable for life only equal to 50% of AME, (c) is the accrued benefit at date of disability payable for ten years certain and life thereafter, and (d) is 42% of AME payable for ten years certain and life thereafter. Upon attainment of normal retirement date, service connected disability will be anticipated normal retirement benefit as of date of disability.

For firefighters hired on or after 3/1/2013 or firefighters not within 7 years of existing NRD as of 3/1/2013: the greater of 2% times years of service or 42% of Average Monthly Earnings.

2. Non-service connected (10 or more years of Continuous Service): the greatest of (a), (b) or (c), where (a) is the benefit due under any other provision of the System, and (b) is a monthly benefit equal to 25% of AME, and (c) is the accrued benefit at date of disability.

For firefighters hired on or after 3/1/2013 or firefighters not within 7 years of existing NRD as of 3/1/2013: greater of 2% times years of service or 42% of Average Monthly Earnings.

Table XIII
(continued three)

J. Pre-Retirement Death Benefit:

1. Service connected - to spouse until death or remarriage with 10 years certain, a monthly benefit of 50% of AME as of date of death for 10 years certain and life thereafter. If no spouse benefit is payable, benefit to each unmarried child until death or attainment of age 18 (or 22 if a student) of 20% of AME as of date of death subject to overall limitation of 50% of AME.

For firefighters hired on or after 3/1/2013 or firefighters not within 7 years of existing NRD as of 3/1/2013, accrued benefit payable at Normal or Early Retirement as 10-year certain and life.

2. Non-service connected - one-half of the service connected benefits.

Whether the death is service or non-service related, if a member had 10 or more years of Continuous Service at date of death, the benefit payable will not be less than the accrued benefit at date of death, payable for 10 years certain and life thereafter at the member's normal retirement date or reduced for early retirement.

For firefighters hired on or after 3/1/2013 or firefighters not within 7 years of existing NRD as of 3/1/2013, accrued benefit payable at Normal or Early Retirement as 10-year certain and life.

K. Vesting Benefits:

1. Receipt of accumulated employee contribution with interest, or
2. If member has at least five (5) years of Continuous Service, a percentage of his benefit accrued to date of termination per the following schedule:

<u>Years of Continuous Service</u>	<u>Vested Percentage</u>
5 but less than 10	25%
10 or more	100%

For firefighters hired on or after 3/1/2013 and firefighter hired prior to 3/1/2013 with less than 5 years of service on 3/1/2013:

<u>Years of Continuous Service</u>	<u>Vested Percentage</u>
0 but less than 10	0%
10 or more	100%

Table XIII
(continued four)

L. Employee Contributions:

Police members will contribute at a rate equal to 8.5% of their earnings (paid by BSO) and Firefighter members will contribute at a rate equal to 10.0% of their earnings.

For firefighters hired on or after 3/1/2013 or firefighters not within 7 years of existing Normal Retirement Date as of 3/1/2013, they will contribute at a rate equal to 8% of their earnings.

M. Normal Form of Annuity:

Ten years certain and life monthly annuity.

N. Cost of Living Adjustment (COLA) Benefits to Retirees and Beneficiaries

A Cost of Living Adjustment (COLA) Reserve Fund was established on September 30, 1999.

For plan years beginning with the 1998/99 plan year, COLA benefits were to be awarded if the plan experienced an actuarial gain for the prior year and there has been a cumulative gain since the inception of the COLA Reserve. This Reserve is funded by 50% of any annual actuarial gains, from all sources. The COLA benefit, if awarded, is paid in the form of a 13th monthly pension payment to each retiree or beneficiary. The payment is equal to 3% of the annual retirement benefit multiplied by the number of years that the participant has been retired up to a maximum of five (5) years, resulting in a maximum benefit equal to 15% of the participant's annual pension payment.

No gains are allocated after 3/1/2013.

O. Deferred Retirement Option Plan (DROP)

Members who have attained age 42 and completed 20 years of Continuous Service are eligible to participate in the DROP for a maximum period of five (5) years. After the maximum participation period, the participants shall be deemed separated from the City.

The maximum period of DROP participation shall decrease by one month for each month following the attainment of age 42 and completion of 20 years of Continuous Service. Firefighter members actively employed on or after March 7, 2007 would not have such reduction in duration of participation.

P. Firefighter Share Plan:

The Firefighter Share Plan is funded by the available annual excess Chapter 175 contributions. A Share account was created for each Firefighter who was actively employed on the adoption date of the ordinance (June 20, 2007) and is credited or debited with the overall rate of return, net of expenses, of the pension fund. Share allocations, if any, are made each year by crediting the available Share Plan funds equally to Firefighter members who are actively employed on September 30 of the preceding year. Members will not receive distributions from their Share accounts until they have completed 10 or more years of Continuous Service and become eligible for normal, early, disability, or death benefits from the retirement system. Share account balances

Table XIII
(continued five)

for members who terminated employment prior to the completion of 10 years of Continuous Service will revert back into the Share Plan and be reallocated to eligible members.

Q. Police Officers Share Plan and Ad-hoc COLA Benefits:

The Police Officers Share Plan and Ad-hoc COLA benefits are funded by the available excess Chapter 185 contributions. A Share account was created for each Police Officer who was actively employed on the adoption date of the ordinance (September 1, 2010) and is credited or debited with the overall rate of return, net of expenses, of the pension fund. An Ad-hoc COLA benefit was created for Police Officers who retire on or after December 1, 2007. Once an Officer retires, he will no longer be eligible to participate in the Share Plan, but will become eligible to receive his Share Ad-hoc COLA benefits. Initial allocations were made effective September 30, 2009 and September 30, 2010. Future allocations, if any, will be made each year by crediting the available funds equally

to Police members who are actively employed on September 30 of the current year and retired Police Officers eligible for Ad-hoc COLA benefits, and cannot be higher than the amount allocated at the time of the initial allocation, excluding the portion of the initial allocation that was attributable to the available cumulative Chapter 185 excess reserve. Available annual excess Chapter 185 contributions that are not allocated as a result will be held in the cumulative Chapter 185 excess reserve. Members will not receive distributions from their Share accounts or Ad-hoc COLA benefits until they become eligible for normal, early, disability, or death benefits from the retirement system.

R. Changes From Most Recent Valuation:

None.

Table XIV

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Actuarial Assumptions and Methods

A. Mortality:

The 1983 Group Annuity Mortality Table with separate male and female rates. No future improvements in mortality are assumed.

B. Investment Return:

7.50% per annum, compounded annually, net of investment expenses.

C. Provisions for Expenses or Contingencies:

Estimated based on actual administrative expense from previous year.

D. Employee Withdrawal Rates:

Males: The following is a sample of the number of assumed withdrawals per 100 employees

Age	Completed Years of Continuous Service										10 & over
	0	1	2	3	4	5	6	7	8	9	
20	32.3	31.5	30.6	29.8	24.7	10.2	8.7	7.1	5.5	4.0	2.5
25	24.7	23.8	23.0	22.1	18.7	9.4	8.0	6.6	5.2	3.8	2.5
30	16.2	15.3	14.5	13.6	12.8	5.1	4.6	4.1	3.5	3.0	2.5
35	11.9	11.9	11.9	11.9	10.2	5.1	4.5	3.9	3.2	2.6	2.0
40	11.9	11.9	11.9	11.9	10.2	5.1	4.5	3.8	3.2	2.6	2.0
45	11.9	11.9	11.9	11.9	10.2	5.1	4.5	3.9	3.2	2.6	2.0
50+	11.9	11.9	11.9	11.9	10.2	5.1	4.5	4.0	3.4	2.9	2.3

Females: The following is a sample of the number of assumed withdrawals per 100 employees

Age	Completed Years of Continuous Service										10 & over
	0	1	2	3	4	5	6	7	8	9	
20	40.8	40.0	39.1	38.3	33.2	18.7	15.4	12.1	8.7	5.4	2.0
25	33.2	32.3	31.5	30.6	27.2	17.9	14.7	11.6	8.3	5.2	2.0
30	24.7	23.8	23.0	22.1	21.3	13.6	11.2	8.8	6.5	4.2	1.8
35	20.4	20.4	20.4	20.4	18.7	13.6	11.2	8.8	6.4	3.9	1.5
40	20.4	20.4	20.4	20.4	18.7	13.6	11.4	9.2	7.1	4.8	2.6
45	20.4	20.4	20.4	20.4	18.7	13.6	11.2	8.8	6.5	4.1	1.7
50+	20.4	20.4	20.4	20.4	18.7	13.6	11.7	9.9	8.0	6.1	4.3

Table XIV
(continued two)

E. Salary Increase Factors:

Current salary is assumed to increase at a rate of 5.00% per year. Annual covered payroll is assumed to have no future growth.

F. Disability Rates:

<u>Age</u>	<u>Expected Annual Disabilities Per 1,000 Employees</u>	
	<u>Males</u>	<u>Females</u>
20	1.7	3.4
25	1.7	3.4
30	1.7	3.4
35	1.8	3.6
40	2.0	4.0
45	2.3	4.6
50	2.9	5.8
55 & Over	3.9	7.8

G. Valuation of Assets:

The method used for determining the actuarial value of assets phases in the deviations between the expected and actual market values of assets at the rate of 66-2/3% of the difference from the previously year, 33-1/3% of the difference from two plan years ago, and 0% of the difference from three plan years ago. The actuarial value of assets is further limited to be within the corridor formed by the upper limit of 120% of market value of assets and by the lower limit of 80% of market value of assets.

H. Retirement Age:

For Police Officers, the following are the retirement rates assumed for the participants eligible for retirement:

<u>Participants age 42 and above with 20 or more years of Continuous Service</u>		<u>Other Participants</u>	
<u>Years of Continuous Service</u>	<u>Percentage Retirement</u>	<u>Eligibility</u>	<u>Percentage Retirement</u>
20	50%	Age 55 with at least 10 years of Continuous Service	100%*
21 – 24	20%	Age 58 regardless of service	100%*
25 or more	100%*		

Table XIV
(continued three)

For Firefighters, the following are the retirement rates assumed for the participants eligible for retirement:

Participants age 42 and above with 20 or more years of Continuous Service		Other Participants	
Years of Continuous Service	Percentage Retirement	Eligibility	Percentage Retirement
20	60%	Age 55 with at least 10 years of Continuous Service	100%*
21 – 24	30%	Age 52 with 25 years of Continuous Service	100%*
25 or more	100%*		

For firefighters hired on or after 3/1/2013 or firefighters not within 7 years of existing Normal Retirement Date as of 3/1/2013:

All Participants	
Eligibility	Percentage Retirement
Age 55 with at least 10 years of Continuous Service	100%*
Age 52 with 25 years of Continuous Service	100%*

*These active participants who have met these normal retirement eligibility requirements as of the valuation date are assumed to work exactly one (1) more year and then retire.

I. Additional Assumptions for Disability Benefits:

50% of disabilities are service incurred and 50% are non-service incurred.

Table XIV
(continued four)

J. Additional Assumptions for Death Benefits:

- a) 90% of the participants have a spouse.
- b) There are no children eligible for benefits.
- c) 50% of deaths are service incurred and 50% are non-service incurred.

K. Inflation Rate:

3.0% per annum.

L. Cost Methods:

Normal Retirement, Termination, Pre-Retirement Death and Disability Benefits: Entry-Age Actuarial Cost Method.

Under this method the normal cost for each active employee is the amount which is calculated to be a level percentage of pay that would have been required annually from his age at hire to his retirement age to fund his estimated benefits, assuming the plan had always been in effect. The normal cost for the plan is the sum of the individual normal costs for all active participants. The actuarial accrued liability as of any valuation date for each active employee or inactive employee who is eligible to receive benefits under the plan is the excess of the actuarial present value of estimated future benefits over the actuarial present value of current and future normal costs. The unfunded actuarial accrued liability as of any valuation date is the excess of the actuarial accrued liability over the actuarial value of assets of the plan.

The amortization bases would be funded by the excess of actual contributions over prior year's normal cost, adjusted with interest. For each existing base, the funding is done proportionally, determined based on the individual base's required amortization payment as a percentage of the overall total required total amortization payment for the prior year. New bases are then added to the total outstanding unfunded actuarial accrued liability as new layers.

M. Changes From Last Actuarial Valuation:

- a) Assumed investment return was changed from 7.75% to 7.50% per annum, compounded annually.
- b) Assumed current salary increase rate was changed from 5.75% per year to 5.00% per year.

Table XV-A

CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS RETIREMENT SYSTEM

Active Police Officers

Distribution of Plan Participants by Attained Age Groups and Service Groups as of October 1, 2014

<u>Age Group</u>	<u>Years of Service</u>							<u>Total</u>
	<u>0 - 4</u>	<u>5 - 9</u>	<u>10 - 14</u>	<u>15 - 19</u>	<u>20 - 24</u>	<u>25 - 29</u>	<u>30 & Over</u>	
Under 25	0
25 - 29	0
30 - 34	0
35 - 39	0
40 - 44	.	.	.	6	.	.	.	6
45 - 49	.	.	.	3	.	.	.	3
50 - 54	0
55 - 59	0
60 - 64	0
65 & Over	—	—	—	—	—	—	—	0
TOTAL	0	0	0	9	0	0	0	9

	<u>10/01/2013</u>	<u>10/01/2014</u>
Average Attained Age	43.53 years	44.13 years
Average Hire Age	25.30 years	25.07 years
Average Pay	\$88,264	\$93,181
Percent Female	0.0%	0.0%

Table XV-B

CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS RETIREMENT SYSTEM

Active Firefighters

Distribution of Plan Participants by Attained Age Groups and Service Groups as of October 1, 2014

<u>Age Group</u>	<u>Years of Service</u>							<u>Total</u>
	<u>0 - 4</u>	<u>5 - 9</u>	<u>10 - 14</u>	<u>15 - 19</u>	<u>20 - 24</u>	<u>25 - 29</u>	<u>30 & Over</u>	
Under 25	1	.	.	.	.	.	.	1
25 - 29	2	4	.	.	.	.	.	6
30 - 34	.	5	3	.	.	.	.	8
35 - 39	.	4	5	.	.	.	.	9
40 - 44	.	1	4	3	1	.	.	9
45 - 49	.	2	2	2	2	.	.	8
50 - 54	.	.	3	2	1	.	.	6
55 - 59	.	.	.	1	.	.	.	1
60 - 64	.	.	.	.	.	.	.	0
65 & Over	—	—	—	—	—	—	—	0
TOTAL	3	16	17	8	4	0	0	48

	<u>10/01/2013</u>	<u>10/01/2014</u>
Average Attained Age	37.99 years	40.01 years
Average Hire Age	27.99 years	28.40 years
Average Pay	\$68,258	\$68,211
Percent Female	13.0%	13.0%

Table XV-C

CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS RETIREMENT SYSTEM

All Active Members

Distribution of Plan Participants by Attained Age Groups and Service Groups, as of October 1, 2014

<u>Total</u>	<u>Age Group</u>	<u>Years of Service</u>						
		<u>0 - 4</u>	<u>5 - 9</u>	<u>10 - 14</u>	<u>15 - 19</u>	<u>20 - 24</u>	<u>25 - 29</u>	<u>30 & Over</u>
Under 25	1	.	.	.	.	.	.	1
25 - 29	2	4	.	.	.	.	.	6
30 - 34	.	5	3	.	.	.	.	8
35 - 39	.	4	5	.	.	.	.	9
40 - 44	.	1	4	9	1	.	.	15
45 - 49	.	2	2	5	2	.	.	11
50 - 54	.	.	3	2	1	.	.	6
55 - 59	.	.	.	1	.	.	.	1
60 - 64	.	.	.	.	.	.	.	0
65 & Over	_____	_____	_____	_____	_____	_____	_____	_____0
TOTAL	3	16	17	17	4	0	0	57

	<u>10/01/2013</u>	<u>10/01/2014</u>
Average Attained Age	38.86 years	40.66 years
Average Hire Age	27.57 years	27.87 years
Average Pay	\$71,384	\$72,154
Percent Female	12.5%	10.5%

Table XVI

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Reconciliation of Employee Data

A. Active Participants

1.	Active participants as of October 1, 2013	64
2.	Retired during period	(1)
3.	Entered DROP	(1)
4.	Died during period	0
5.	Disabled during period	0
6.	Terminated vested during period	(0)
7.	Terminated non-vested during period	(6)
8.	Terminated received refund of contributions	0
9.	Rehired during period	1
10.	New active participants	<u>0</u>
11.	Active participants as of October 1, 2014	57

B. Participants Receiving Benefits

1.	Participants receiving benefits as of October 1, 2013	118
2.	New retired participants	1
3.	New terminated vested receiving benefits	0
4.	New disabled receiving benefits	0
5.	New beneficiaries receiving benefits	0
6.	Correction to DROP participant	0
7.	DROP participants exited and retired	0
8.	Died or ceased payment during period	<u>0</u>
9.	Participants receiving benefits as of October 1, 2014	119

C. DROP Participants

1.	DROP participants as of October 1, 2013	6
2.	New entrants during year	1
3.	Correction from retired participants	(0)
4.	Died during year	0
5.	Exited and retired during year	<u>(0)</u>
6.	DROP participants as of October 1, 2014	7

D. Terminated Vested Participants Entitled to Future Benefits

1.	Terminated vested entitled as of October 1, 2013	5
2.	Died during period	0
3.	Commenced receiving benefits during period	0
4.	New terminated vested	0
5.	Terminated vested paid employee contributions	0
6.	Rehired during period	<u>(1)</u>
7.	Terminated vested entitled as of October 1, 2014	4

Table XVII

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Recent Investment, Salary Increase, and Turnover Experience

A. Investment Return

Comparison of actual to assumed investment return for the last five years:

<u>Year Ended</u>	<u>Rate of Return¹</u>		<u>Assumed</u>
	<u>Market Value</u>	<u>Actuarial Value</u>	
09/30/2014	11.4%	13.4%	7.75%
09/30/2013	9.6%	10.2%	7.75%
09/30/2012	18.3%	9.0%	7.75%
09/30/2011	0.7%	4.3%	7.75%
09/30/2010	8.5%	-2.1%	7.75%
Last 3 Yrs.	13.0%	10.9%	7.75%
Last 5 Yrs.	9.6%	6.8%	7.75%

B. Recent Salary Increase and Turnover Experience

<u>Year Ended</u>	<u>% of Salary Increase</u>		<u>Ratio of Actual Turnover to Expected</u>
	<u>Actual</u>	<u>Assumed</u>	
09/30/2014	2.9%	5.75%	1.9
09/30/2013	5.5%	5.75%	2.0
09/30/2012	1.8%	5.75%	0.0
09/30/2011	1.5%	5.75%	0.0
09/30/2010	-0.5%	5.75%	0.2
Last 3 Yrs.	3.4%	5.75%	1.3
Last 5 Yrs.	2.2%	5.75%	0.8

¹ Computed as $2I / (A + B - I)$, where A is beginning value, B is ending value, and I is investment return, see Table XVIII.

Table XVIII

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Computation of Rates of Return

<u>10/1/2013 – 9/30/2014</u>	<u>Actuarial Value</u>	<u>Market Value</u>
A. Beginning of Year Value	\$ 48,510,684	\$ 50,603,999
B. End of Year Value	\$ 52,531,908	\$ 53,933,775
C. Expenses (Administrative)	\$ 101,210	\$ 101,210
D. Benefit Payments & Refunds & State Reserve		
1) Benefit Payments (including DROP credits)	\$ 4,859,134	\$ 4,859,134
2) Refunds	161,053	161,053
3) Funding for COLA Reserve	0	0
4) Increase to State Reserve	0	0
5) Total	<u>\$ 5,020,187</u>	<u>\$ 5,020,187</u>
E. Contributions - limited by Ch. 175 & 185		
1) Employees	\$ 404,467	\$ 404,467
2) City	1,673,501	1,673,501
3) BSO	384,626	384,626
4) Chapter 175	195,707	195,707
5) Chapter 185	145,905	145,905
6) Chapter 175 Supplemental	0	0
7) Total	<u>\$ 2,804,206</u>	<u>\$ 2,804,206</u>
I = (B – A + C + D.5. – E.7.)	\$ 6,338,415	\$ 5,646,967
Estimated Return (2 I / (A + B - I))	13.4%	11.4%

**CITY OF OAKLAND PARK POLICE AND FIREFIGHTERS
RETIREMENT SYSTEM**

Actuarial Valuation as of October 1, 2013

State Required Exhibit

	<u>10/1/2013</u>	<u>10/1/2014</u>
A. <u>Participant Data</u>		
1. Active participants	64	57
2. Retired participants and beneficiaries receiving benefits	111	112
3. DROP participants	6	7
4. Disabled participants receiving benefits	7	7
5. Terminated vested participants	5	4
6. Annual payroll of active participants	\$ 4,568,578	\$ 4,143,754
7. Annual benefits payable to those currently receiving benefits including DROPs	\$ 4,997,951	\$ 5,131,502
B. <u>Value of Assets</u>		
1. Actuarial Value	\$ 48,510,684	\$ 52,531,908
2. Market Value	\$ 50,604,887	\$ 53,933,775
C. <u>Liabilities</u>		
1. Actuarial present value of future expected benefit payments for active members		
a. Retirement benefits	\$ 20,237,531	\$ 19,782,322
b. Vesting benefits	1,268,343	1,090,292
c. Death benefits	147,827	155,346
d. Disability benefits	413,874	384,612
e. Total	\$ 22,067,575	\$ 21,412,572
2. Actuarial present value of future expected benefit payments for terminated vested members	\$ 574,721	\$ 452,369
3. Actuarial present value of future expected benefit payments for those receiving benefits		
a. Service retired including DROPs	\$ 49,442,857	\$ 51,217,662
b. Disability retired	1,375,762	1,383,323
c. Beneficiaries	525,833	517,896
d. Miscellaneous (terminated non-vested former members due refunds)	140,981	80,440
e. Total	\$ 51,485,433	\$ 53,199,321

State Required Exhibit
(continued two)

	<u>10/1/2013</u>	<u>10/1/2014</u>
4. Total actuarial present value of future expected benefit payments	\$ 74,127,729	\$ 75,064,262
5. Actuarial accrued liabilities	\$ 69,496,063	\$ 71,379,259
6. Unfunded actuarial accrued liabilities	\$ 20,985,379	\$ 18,847,351

D. Statement of Accumulated Plan Benefits

1. Actuarial present value of accumulated vested plan benefits		
a. Participants currently receiving benefits	\$ 46,783,732	\$ 47,662,119
b. Terminated vested participants	574,721	452,369
c. DROP participants	4,560,720	5,456,762
d. Other participants entitled to future benefits	<u>12,600,376</u>	<u>13,498,788</u>
e. Total	\$ 64,660,530	\$ 67,150,478
2. Actuarial present value of accumulated non-vested plan benefits	<u>\$ 799,369</u>	<u>\$ 555,961</u>
3. Total actuarial present value of accumulated plan benefits	<u>\$ 65,459,899</u>	<u>\$ 67,706,439</u>

E. Statement of Change in Accumulated Plan Benefits

1. Actuarial present value of accumulated plan benefits as of October 1, 2013	\$ 65,459,899	
2. Increase (decrease) during year attributable to:		
a. Plan amendment	\$ 0	
b. Change in actuarial assumptions	1,519,951	
c. Benefits paid including refunds and DROPs	(5,020,187)	
d. Other, including benefits accumulated and increase for interest due to decrease in the discount period	<u>5,746,776</u>	
e. Net increase	\$ 2,246,540	
3. Actuarial present value of accumulated plan benefits as of October 1, 2014	\$ 67,706,439	

**State Required Exhibit
(continued three)**

	10/1/2013	10/1/2014
F. <u>Pension Cost</u>		
1. Total normal cost	\$ 834,605	\$ 733,640
2. Expected employee contributions	421,332	363,634
3. Item 2. as percentage of covered payroll	9.2%	8.8%
4. Net employer normal cost (1. – 2.)	\$ 413,273	\$ 370,006
5. Payment required to amortize unfunded liability or projected unfunded liability	1,656,634	1,439,066
6. Interest and payment timing adjustments	99,305	84,704
7. Total required employer contribution	\$ 2,169,212	\$ 1,893,776
8. Item 7. as a percentage of payroll	47.5%	45.7%
9. State contributions	\$ 341,612	\$ 341,612
10. Item 9. as a percentage of payroll	7.5%	8.2%
11. Projected annual payroll for the following plan year	\$ 4,568,578	\$ 4,143,754
12. Amount payable by City, BSO and State based on projected payroll for the following plan year	\$ 2,169,212	\$ 1,893,776
13. Item 12. as a percentage of Item 11.	47.5%	45.7%
14. City and BSO contributions as percentage of Item 11. (Item 13. – Item 10.)	40.0037%	37.4579%
15. Projected BSO annual payroll for the following year	\$ 882,643	\$ 838,625
16. Amount payable by BSO for the following plan year (Item. 14. times Item 15.)	\$ 353,090	\$ 314,132
17. Projected City annual payroll for the following year	\$ 3,685,935	\$ 3,305,129
18. Amount payable by City for the following plan year (Item. 14. times Item 17.)	\$ 1,474,510	\$ 1,238,032
G. <u>Net Actuarial Gain / (Loss)</u>	\$ 662,595	\$ 3,227,537

State Required Exhibit
(continued four)

H. <u>Past Contributions</u>	<u>10/1/2013 - 9/30/2014</u>	<u>10/1/2014 - 9/30/2015</u>
1. Total contribution required for period as determined by prior year's valuation		
a. Employee	\$ 423,041	\$ 421,332
b. City and BSO	2,058,127	1,827,600
c. State	<u>341,612</u>	<u>341,612</u>
d. Total	\$ 2,822,780	\$ 2,590,544
2. Actual contributions made for period		
a. Employee	\$ 404,467	N/A
b. City and BSO	2,058,127	N/A
c. State	<u>341,612</u>	<u>N/A</u>
d. Total	\$ 2,804,206	N/A
	<u>10/1/2013</u>	<u>10/1/2014</u>
I. <u>Disclosure of Following Items:</u>		
1. Actuarial present value of future salaries - attained age	\$ 33,992,491	\$ 28,650,146
2. Actuarial present value of future employee contributions - attained age	\$ 2,844,067	\$ 2,427,908
3. Amount of active members accumulated contributions with interest	\$ 4,550,365	\$ 4,690,175
4. Actuarial present value of future contributions from other sources	N/A	N/A
5. Actuarial present value of future salaries, contributions and benefits at entry age	Not provided by software	
6. Actuarial present value of future employee contributions at entry age	Not provided by software	

State Required Exhibit
(continued five)

J. Plan to Amortize Unfunded Liability - amounts will be paid to eliminate unfunded liability over a 40-year period beginning 10/1/76. Any unfunded liability arising because of plan amendment will be amortized over a period of 30 years from the valuation coincident with or immediately following the effective date of the amendment. Any unfunded liability arising because of changes in actuarial assumptions and methods will be amortized over a period of 30 years from date of change. Any unfunded liability arising because of actuarial gains or losses will be amortized over a period of 30 years from date of gain or loss.

		Remaining Amortization Period	Unamortized Amount as of Valuation Date	Amortization Payment
10/01/1981	Unfunded liability	2 years	462,101	239,402
10/01/1985	Actuarial loss/(gain)	1 years	(441,938)	(441,938)
10/01/1985	Actuarial method change	1 years	143,347	143,347
10/01/1987	Actuarial loss/(gain)	3 years	40,921	14,638
10/01/1987	Plan amendment	3 years	584,425	209,054
10/01/1989	Actuarial loss/(gain)	5 years	(694,226)	(159,617)
10/01/1991	Actuarial loss/(gain)	7 years	184,327	32,373
10/01/1993	Actuarial loss/(gain)	9 years	(2,671,710)	(389,615)
10/01/1995	Actuarial loss/(gain)	11 years	(3,405,506)	(433,046)
10/01/1995	Plan amendment	11 years	831,180	105,693
10/01/1995	Assumption change	11 years	344,032	43,747
10/01/1995	Retirement window	11 years	461,419	58,674
10/01/1996	Actuarial loss/(gain)	12 years	(1,389,737)	(167,128)
10/01/1997	Actuarial loss/(gain)	13 years	(6,504,425)	(744,616)
10/01/1998	50% of Actuarial loss/(gain)	14 years	(80,360)	(8,806)
10/01/1998	Plan Amendment	14 years	3,314,808	363,233
10/01/1999	50% of Actuarial loss/(gain)	15 years	(393,931)	(41,514)
10/01/1999	Plan Amendment	15 years	107,153	11,292
10/01/2000	Actuarial loss/(gain)	16 years	816,197	83,056
10/01/2001	Actuarial loss/(gain)	17 years	11,084,841	1,093,017
10/01/2001	Actuarial method change	17 years	(6,816,741)	(672,163)
10/01/2002	Actuarial loss/(gain)	18 years	7,086,518	679,178
10/01/2003	Actuarial loss/(gain)	19 years	5,234,381	488,920
10/01/2004	Actuarial loss/(gain)	20 years	1,303,458	118,939
10/01/2004	Assumption change	20 years	(683,131)	(62,335)
10/01/2005	50% of Actuarial loss/(gain)	21 years	(502,993)	(44,932)
10/01/2005	Plan Amendment	19 years	874,621	81,694
10/01/2006	Actuarial loss/(gain)	22 years	711,917	62,375
10/01/2006	Assumption Change	22 years	863,631	75,668
10/01/2006	Plan Amendment	22 years	905,541	79,340
10/01/2007	50% of Actuarial loss/(gain)	23 years	(631,294)	(54,341)
10/01/2008	Actuarial loss (gain)	24 years	2,056,331	174,167
10/01/2009	Actuarial loss (gain)	25 years	4,261,537	355,633
10/01/2009	Assumption Change	25 years	1,638,788	136,760
10/01/2010	Actuarial loss (gain)	26 years	3,749,513	308,679
10/01/2010	Method Change	26 years	(1,105,551)	(91,015)
10/01/2011	Actuarial loss (gain)	27 years	1,791,836	145,684
10/01/2012	Plan Amendment	28 years	(2,090,674)	(168,042)
10/01/2012	Actuarial loss (gain)	28 years	(211,067)	(16,965)
10/01/2013	Actuarial loss (gain)	29 years	(653,242)	(51,954)
10/01/2014	Actuarial loss (gain)	30 years	(3,227,537)	(254,214)
10/01/2014	Assumption Change	20 years	1,498,592	136,744
TOTAL			<u>\$ 18,847,351</u>	<u>\$ 1,439,066</u>

State Required Exhibit
(continued six)

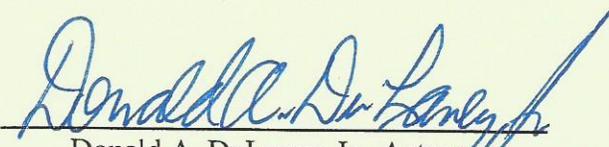
Split of Valuation Figures by Department

	<u>Police Officers</u>	<u>Firefighters</u>
K. <u>Liabilities</u>		
1. Actuarial present value of future expected benefit payments for active members		
a. Retirement benefits	\$ 5,459,128	\$ 14,323,194
b. Vesting benefits	39,448	1,050,844
c. Death benefits	40,748	114,598
d. Disability benefits	<u>42,011</u>	<u>342,601</u>
e. Total	\$ 5,581,335	\$ 15,831,237
2. Actuarial present value of future expected benefit payments for terminated vested members	\$ 236,774	\$ 215,595
3. Actuarial present value of future expected benefit payments for those receiving benefits		
a. Service retired	\$ 29,660,372	\$ 16,100,528
b. Disability retired	1,159,516	223,807
c. Beneficiaries	517,896	0
d. DROP participants	0	5,456,762
e. Miscellaneous (non-vested terminated members not yet refunded)	<u>0</u>	<u>80,440</u>
f. Total	\$ 31,337,784	\$ 21,861,537
4. Total actuarial present value of future expected benefit payments	\$ 37,155,893	\$ 37,908,369
5. Actuarial accrued liabilities	\$ 36,832,880	\$ 34,546,379
L. <u>Statement of Accumulated Plan Benefits</u>		
1. Actuarial present value of accumulated vested plan benefits		
a. Participants currently receiving benefits	\$ 31,337,784	\$ 16,324,335
b. Terminated vested participants	236,774	215,595
c. DROP participants	0	5,456,762
d. Other participants	<u>4,613,536</u>	<u>8,965,692</u>
e. Total	\$ 36,188,094	\$ 30,962,384
2. Actuarial present value of accumulated non-vested plan benefits	<u>0</u>	<u>555,961</u>
3. Total actuarial present value of accumulated plan benefits	\$ 36,188,094	\$ 31,518,345

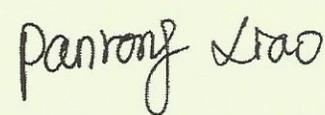
State Required Exhibit
(continued seven)

	<u>Police Officers</u>	<u>Firefighters</u>
M. <u>Disclosure of Following Items</u>		
1. Actuarial present value of future salaries attained age	\$ 2,593,023	\$ 26,057,123
2. Actuarial present value of future employee contributions - attained age	\$ 220,407	\$ 2,207,501
3. Amount of active members accumulated contributions with interest	\$ 1,137,035	\$ 3,553,140
4. Actuarial present value of future contributions from other sources	N/A	N/A

This actuarial valuation and/or cost determination was prepared and completed by me or under my direct supervision, and I acknowledge responsibility for the results. To the best of my knowledge, the results are complete and accurate, and in my opinion, the techniques and assumptions used are reasonable and meet the requirements and intent of Part VII, Chapter 112, Florida Statutes. There is no benefit or expense to be provided by the plan and/or paid from the plan's assets for which liabilities or current costs have not been established or otherwise unaccounted for in the valuation. All known events or trends which may require a material increase in plan costs or required contribution rates have been taken into account in the valuation.



 Donald A. DuLaney, Jr., Actuary



 Panrong Xiao, Enrolled Actuary

4/22/2015

 Date

4/22/2015

 Date

14-04191

 Enrollment Number

14-07551

 Enrollment Number

