

**CITY OF COOPER CITY GENERAL EMPLOYEES RETIREMENT PLAN
ACTUARIAL VALUATION REPORT AS OF OCTOBER 1, 2009**

**ANNUAL EMPLOYER CONTRIBUTION IS DETERMINED BY THIS VALUATION
FOR THE YEAR ENDING SEPTEMBER 30, 2011**

December 11, 2009

Board of Trustees
City of Cooper City General Employees
Retirement Plan
Cooper City, Florida

Dear Board Members:

We are pleased to present our October 1, 2009 Actuarial Valuation Report for the Plan. The purpose of the Report is to set forth required contribution levels, to disclose plan assets and actuarial liabilities, to comment on funding progress and to provide supporting information regarding the operation of the Plan. This Report is also designed to comply with requirements of the State.

The valuation was performed on the basis of employee, retiree and financial information supplied by the City. Although we did not audit this information, it was reviewed for reasonableness and comparability to prior years.

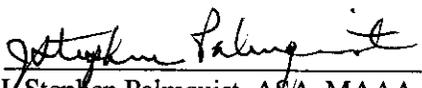
The benefits valued are outlined at the end of the Report. Actuarial assumptions and the actuarial cost method are also described herein. Any changes in benefits, assumptions or methods are described in the first section.

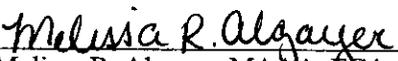
As indicated below, the undersigned are Members of the American Academy of Actuaries (MAAA) and meet the Qualification Standards of the Academy of Actuaries to render the actuarial opinion herein.

We will be pleased to answer any questions pertaining to the valuation and to meet with you to review this Report.

Respectfully submitted,

GABRIEL, ROEDER, SMITH AND COMPANY

By 
Stephen Palmquist, ASA, MAAA, FCA
Enrolled Actuary No. 08-1560

By 
Melissa R. Algayer, MAAA, FCA
Enrolled Actuary No. 08-6467

STATEMENT BY ENROLLED ACTUARY

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. In my opinion, the techniques and assumptions used are reasonable, meet the requirements and intent of Part VII, Chapter 112, Florida Statutes, and are based on generally accepted actuarial principles and practices. 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 cost have not been established or otherwise taken into account 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.


Signature

12-11-2009
Date

08-1560
Enrollment Number

TABLE OF CONTENTS

Section	Title	Page
A	Discussion of Valuation Results	1
B	Valuation Results	
	1. Participant Data	3
	2. Annual Required Contribution	4
	3. Actuarial Value of Benefit and Assets	5
	4. Calculation of Employer Normal Cost	7
	5. Liquidation of the Unfunded Frozen Actuarial Accrued Liability	8
	6. Actuarial Gains and Losses	10
	7. Actuarial Assumptions and Cost Method	13
	8. Glossary of Terms	17
C	Pension Fund Information	
	1. Summary of Assets	20
	2. Summary of Fund's Income and Disbursements	21
	3. Actuarial Value of Assets	22
	4. Reconciliation of DROP Accounts	24
	4. Allocation of Assets	25
	5. Investment Rate of Return	26
D	Financial Accounting Information	
	1. FASB No. 35	27
	2. GASB No. 25	28
	3. GASB No. 27	30
E	Miscellaneous Information	
	1. Reconciliation of Membership Data	32
	2. Age and Service Distributions	33
	3. Inactive Participant Scatter	35
F	Summary of Plan Provisions	36

SECTION A
DISCUSSION OF VALUATION RESULTS

DISCUSSION OF VALUATION RESULTS

Comparison of Required Employer Contributions

The following is a comparison of required contributions developed in this year's and last year's actuarial valuations:

	For FYE 9/30/11 Based on 10/1/2009 Valuation <i>After Method & Assumption Changes</i>	For FYE 9/30/10 Based on 10/1/2008 Valuation	Increase (Decrease)
Required City Contribution	\$ 1,221,002	\$ 1,108,737	\$ 112,265
As % of Covered Payroll	24.23 %	22.79 %	1.44 %
Required BSO Contribution Including Employee Portion	\$ 173,265	\$ 138,723	\$ 34,542
As % of Covered Payroll	33.62 %	28.03 %	5.59 %
Total Required Contribution	\$ 1,394,267	\$ 1,247,460	\$ 146,807
As % of Covered Payroll	25.10 %	23.27 %	1.83 %

The required employer contribution was calculated under the assumption that payment would be made in equal installments at the end of each calendar quarter. The actual employer contribution for the fiscal year ending September 30, 2009 was \$1,072,479 compared to the required contribution of \$1,072,479.

Revisions in Benefits

There have been no revisions in benefits since the last valuation.

Revisions in Actuarial Assumptions and Methods

As of October 1, 2009, the asset valuation method was changed to the difference between actual and expected investment earnings recognized over five years. This change was necessary because the previous asset valuation method may not have been in compliance with Actuarial Standard of Practice Number 44.

The assumed investment rate of return was lowered from 8.0% to 7.5% per year and projected member salary increases were lowered from 6.5% to 6.0% per year.

The combined method and assumption changes resulted in net increase of 1.51% in the required employer contribution rate for the City and 2.12% for BSO.

Actuarial Experience

There was a net actuarial loss of \$279,745 for the year which means that actual experience was less favorable than expected. The loss is due to recognized investment return below the assumed rate of 8%, and was offset by a gain due to lower than expected salary increases. The investment return was 1.6% based on market value of assets and 2.2% based on actuarial value of assets.

Funded Ratio

The funded ratio this year is 70.0% compared to 70.3% last year. The ratio was 70.5% before the changes in assumptions and methods described above. The funded ratio is equal to the actuarial value of assets divided by the actuarial accrued (past service) liability.

Variability of Future Contribution Rates

The Actuarial Cost Method used to determine the contribution rate is intended to produce contribution rates which are generally level as a percent of payroll. Even so, when experience differs from the assumptions, as it often does, the employer's contribution rate can vary significantly from year-to-year.

Over time, if the year-to-year gains and losses offset each other, the contribution rate would be expected to return to the current level, but this does not always happen. The Actuarial Value of Assets exceeds the Market Value of Assets by \$1,454,125 as of the valuation date (see Section C). This difference will be gradually recognized over the next five years in the absence of offsetting gains. In turn, the computed employer contribution rate will increase by approximately 4.0% of covered payroll over the same period.

Relationship to Market Value

If Market Value had been the basis for the valuation, the contribution rate would have been 27.6% and the funded ratio would have been 63.9%. In the absence of other gains and losses, the City contribution rate should increase to that level over the next several years.

The remainder of this Report includes detailed actuarial valuation results, financial information, miscellaneous information and statistics, and a summary of plan provisions.

SECTION B
VALUATION RESULTS

PARTICIPANT DATA		
	October 1, 2009	October 1, 2008
ACTIVE MEMBERS - City Employees		
Number	93	92
Covered Annual Payroll	\$ 4,845,398	\$ 4,677,898
Average Annual Payroll	\$ 52,101	\$ 50,847
Average Age	46.5	45.7
Average Past Service	8.7	7.8
Average Age at Hire	37.8	37.9
ACTIVE MEMBERS - BSO Employees		
Number	10	10
Covered Annual Payroll	\$ 515,350	\$ 494,980
Average Annual Payroll	\$ 51,535	\$ 49,498
Average Age	49.2	48.2
Average Past Service	11.5	10.5
Average Age at Hire	37.7	37.7
RETIREEES & BENEFICIARIES & DROP		
Number	55	55
Annual Benefits	\$ 869,534	\$ 911,518
Average Annual Benefit	\$ 15,810	\$ 16,573
Average Age	65.0	64.1
DISABILITY RETIREEES		
Number	3	3
Annual Benefits	\$ 47,290	\$ 41,726
Average Annual Benefit	\$ 15,763	\$ 13,909
Average Age	53.8	52.8
TERMINATED VESTED MEMBERS		
Number	4	4
Annual Benefits	\$ 58,362	\$ 58,362
Average Annual Benefit	\$ 14,591	\$ 14,591
Average Age	46.7	45.7

ANNUAL REQUIRED CONTRIBUTION (ARC)									
A. Valuation Date	October 1, 2009			October 1, 2009			October 1, 2008		
	After Method & Assumption Changes			Before Method & Assumption Changes					
	City Employees	BSO Transfers		City Employees	BSO Transfers		City Employees	BSO Transfers	
B. ARC to Be Paid During Fiscal Year Ending	9/30/2011	9/30/2011	9/30/2011	9/30/2011	9/30/2010	9/30/2010	9/30/2010	9/30/2010	9/30/2010
C. Assumed Dates of Employer Contributions	Quarterly	Quarterly	Quarterly	Quarterly	Quarterly	Quarterly	Quarterly	Quarterly	Quarterly
D. Annual Payment to Amortize Unfunded Actuarial Liability	\$ 407,604	\$ 0	\$ 0	\$ 389,388	\$ 0	\$ 0	\$ 402,922	\$ 0	\$ 0
E. Employer Normal Cost	715,058	165,710	165,710	660,305	154,836	154,836	613,832	132,301	132,301
F. ARC if Paid on the Valuation Date: D+E	1,122,662	165,710	165,710	1,049,693	154,836	154,836	1,016,754	132,301	132,301
G. ARC Adjusted for Frequency of Payments	1,173,844	173,265	173,265	1,100,645	162,352	162,352	1,066,107	138,723	138,723
H. ARC as % of Covered Payroll	24.23 %	33.62 %	33.62 %	22.72 %	31.50 %	31.50 %	22.79 %	28.03 %	28.03 %
I. Assumed Rate of Increase in Covered Payroll to Contribution Year	4.00 %	0.00 %	0.00 %	4.00 %	0.00 %	0.00 %	4.00 %	0.00 %	0.00 %
J. Covered Payroll for Contribution Year	5,039,214	515,350	515,350	5,039,214	515,350	515,350	4,865,014	494,980	494,980
K. ARC for Contribution Year: H x J	1,221,002	173,265	173,265	1,144,909	162,352	162,352	1,108,737	138,723	138,723
L. ARC as % of Covered Payroll in Contribution Year: K ÷ J	24.23 %	33.62 %	33.62 %	22.72 %	31.50 %	31.50 %	22.79 %	28.03 %	28.03 %

ACTUARIAL VALUE OF BENEFITS AND ASSETS

A. Valuation Date	October 1, 2009			October 1, 2009		
	<i>After Method & Assumption Changes</i>			<i>Before Method & Assumption Changes</i>		
	City Employees	BSO Transfers	Totals	City Employees	BSO Transfers	Totals
Projected Benefits for						
1. Active Members						
a. Service Retirement Benefits	\$ 16,481,878	\$ 1,727,443	\$ 18,209,321	\$ 15,617,247	\$ 1,635,196	\$ 17,252,443
b. Vesting Benefits	1,093,704	108,801	1,202,505	990,747	99,457	1,090,204
c. Disability Benefits	738,654	80,919	819,573	700,845	76,673	777,518
d. Preretirement Death Benefits	230,931	24,123	255,054	219,012	22,935	241,947
e. Return of Member Contributions	70,044	60	70,104	69,666	60	69,726
f. Total	18,615,211	1,941,346	20,556,557	17,597,517	1,834,321	19,431,838
2. Inactive Members						
a. Service Retirees & Beneficiaries	7,855,550	1,420,213	9,275,763	7,546,189	1,361,420	8,907,609
b. Disability Retirees	563,008	-	563,008	538,068	-	538,068
c. Terminated Vested Members	402,139	-	402,139	372,554	-	372,554
d. Total	8,820,697	1,420,213	10,240,910	8,456,811	1,361,420	9,818,231
3. Total for All Members	27,435,908	3,361,559	30,797,467	26,054,328	3,195,741	29,250,069
C. Actuarial Accrued (Past Service) Liability per GASB No. 25	20,969,442	2,820,040	23,789,482	19,961,577	2,686,765	22,648,342
D. Actuarial Value of Accumulated Plan Benefits per FASB No. 35	18,929,353	2,453,882	21,383,235	17,959,578	2,326,812	20,286,390
E. Plan Assets						
1. Market Value	13,120,962	2,086,511	15,207,473	13,120,962	2,086,511	15,207,473
2. Actuarial Value	14,376,690	2,284,908	16,661,598	13,782,746	2,191,069	15,973,815
F. Actuarial Present Value of Projected Covered Payroll	33,264,646	3,423,968	36,688,614	33,275,877	3,424,965	36,700,842
G. Actuarial Present Value of Projected Member Contributions	3,469,502	0	3,469,502	3,470,674	0	3,470,674

ACTUARIAL VALUE OF BENEFITS AND ASSETS - Prior Year			
A. Valuation Date	October 1, 2008		
	<i>City Employees</i>	<i>BSO Transfers</i>	<i>Totals</i>
B. Projected Benefits for			
1. Active Members			
a. Service Retirement Benefits	\$ 14,262,636	\$ 1,485,395	\$ 15,748,031
b. Vesting Benefits	963,231	104,075	1,067,306
c. Disability Benefits	663,662	73,952	737,614
d. Preretirement Death Benefits	208,632	23,020	231,652
e. Return of Member Contributions	75,625	157	75,782
f. Total	<u>16,173,786</u>	<u>1,686,599</u>	<u>17,860,385</u>
2. Inactive Members			
a. Service Retirees & Beneficiaries	8,120,522	1,378,553	9,499,075
b. Disability Retirees	463,351	-	463,351
c. Terminated Vested Members	344,438	-	344,438
d. Total	<u>8,928,311</u>	<u>1,378,553</u>	<u>10,306,864</u>
3. Total for All Members	25,102,097	3,065,152	28,167,249
C. Actuarial Accrued (Past Service) Liability per GASB No. 25	18,853,284	2,530,134	21,383,418
D. Actuarial Value of Accumulated Plan Benefits per FASB No. 35	17,348,884	2,174,436	19,523,320
E. Plan Assets			
1. Market Value	12,328,379	2,040,126	14,368,505
2. Actuarial Value	12,897,801	2,133,947	15,031,748
F. Actuarial Present Value of Projected Covered Payroll	33,943,860	3,579,221	37,523,081
G. Actuarial Present Value of Projected Member Contributions	3,540,345	0	3,540,345

CALCULATION OF EMPLOYER NORMAL COST						
A. Valuation Date	October 1, 2009		October 1, 2009		October 1, 2008	
	After Method & Assumption Changes		Before Method & Assumption Changes		City Employees	BSO Transfers
	City Employees	BSO Transfers	City Employees	BSO Transfers	City Employees	BSO Transfers
B. Actuarial Present Value of Projected Benefits	\$ 27,435,908	\$ 3,361,559	\$ 26,054,328	\$ 3,195,741	\$ 25,102,097	\$ 3,065,152
C. Actuarial Value of Assets	14,376,690	2,284,908	13,782,746	2,191,069	12,897,801	2,133,947
D. Unfunded Actuarial Accrued Liability	4,833,332	0	4,419,411	0	4,362,635	0
E. Actuarial Present Value of Projected Member Contributions	3,469,502	0	3,470,674	0	3,540,345	0
F. Actuarial Present Value of Projected Employer Normal Costs: B-C-D-E	4,756,384	1,076,651	4,381,497	1,004,672	4,301,316	931,205
G. Actuarial Present Value of Projected Covered Payroll	33,264,646	3,423,968	33,275,877	3,424,965	33,943,860	3,579,221
H. Employer Normal Cost Rate: F/G	14.30 %	31.44 %	13.17 %	29.33 %	12.67 %	26.02 %
I. Covered Annual Payroll	4,845,398	515,350	4,845,398	515,350	4,677,898	494,980
J. Employer Normal Cost: H x I	692,892	162,026	638,139	151,152	592,690	128,794
K. Assumed Amount of Administrative Expenses	22,166	3,684	22,166	3,684	21,142	3,507
L. Total Employer Normal Cost: J+K	715,058	165,710	660,305	154,836	613,832	132,301
M. Employer Normal Cost as % of Covered Payroll	14.76 %	32.15 %	13.63 %	30.04 %	13.12 %	26.73 %

LIQUIDATION OF THE UNFUNDED ACTUARIAL ACCRUED LIABILITY

A. Derivation of the Current UAAL	
1. Last Year's UAAL	\$ 4,362,635
2. Last Year's Employer Normal Cost	613,832
3. Last Year's Contributions	927,762
4. Interest at the Assumed Rate on:	
a. 1 and 2 for one year	398,117
b. 3 from dates paid	27,411
c. a - b	<u>370,706</u>
5. This Year's UAAL Prior to Revision: 1 + 2 - 3 + 4c	4,419,411
6. Change in UAAL Due to Plan Amendments and/or Changes in Actuarial Assumptions	413,921
7. This Year's Revised UAAL: 5 + 6	4,833,332

B. UAAL Amortization Period and Payments					
Original UAAL			Current UAAL		
Years	Amortization Period (Years)	Amount	Years Remaining	Amount	Payment
10/1/1996	30	(220,148)	17	(163,906)	(16,162)
10/1/1999	27	411,423	17	366,729	36,161
10/1/2000	30	920,235	21	869,904	77,708
10/1/2001	30	(111,846)	22	(107,549)	(9,423)
10/1/2002	30	651,970	23	636,758	54,812
10/1/2003	30	767,426	24	760,214	64,388
10/1/2004	30	697,594	25	702,868	58,656
10/1/2007	30	524,531	28	538,196	43,259
10/1/2007	30	795,472	28	816,197	65,603
10/1/2009	30	1,007,865	30	1,007,865	79,383
10/1/2009	30	(593,944)	30	(593,944)	(46,781)
		<u>4,850,578</u>		<u>4,833,332</u>	<u>407,604</u>

C. Amortization Schedule

The UFAAL is being amortized as a level dollar amount over the number of years remaining in the amortization period. The expected amortization schedule is as follows:

Amortization Schedule	
Year	Expected UAAL
2009	\$ 4,833,332
2010	4,757,655
2011	4,676,305
2012	4,588,854
2013	4,494,843
2014	4,393,782
2019	3,762,755
2024	2,856,834
2029	1,625,722
2034	446,128
2039	0

ACTUARIAL GAINS AND LOSSES

When the actual plan experience differs from the actuarial assumptions, an actuarial gain or loss is the result. The net actuarial gain (loss) for the past year is computed as follows:

A.	<i>City Employees</i>	<i>BSO Transfers</i>	<i>Total</i>
Employer Normal Cost as a Percentage of Covered Payroll			
1. Prior Valuation	12.67 %	26.02 %	-
2. Current Valuation*	13.17	29.33	-
3. Difference: 1 - 2	(0.50)	(3.31)	-
 B. Actuarial Present Value of Projected Covered Payroll*	 \$33,275,877	 \$3,424,965	 \$36,700,842
C. Net Actuarial Gain (Loss): A3 x B	(166,379)	(113,366)	(279,745)
D. Gain (Loss) due to Investments	-	-	(885,504)
E. Gain (Loss) due to Other Causes	-	-	605,759

* Before method and assumption changes

Net actuarial gains in previous years have been as follows:

Year Ending 9/30	Change in Employer Normal Cost Rate	Net Gain (Loss)
1981	0.35	8,072
1982	0.35	12,528
1983	0.20	9,760
1984	(0.85)	(81,158)
1985	(0.02)	(2,777)
1986	0.03	4,460
1987	(0.24)	(41,465)
1988	0.13	24,866
1989	0.16	33,689
1990	(0.03)	(6,649)
1991	(0.19)	(42,692)
1992	(0.11)	(27,945)
1993	(0.02)	(5,269)
1994	0.52	157,739
1995	0.29	84,210
1996	(0.23)	(70,865)
1997	0.65	211,531
1998	0.37	128,546
1999	0.74	256,936
2000	0.26	87,617
2001	0.42	153,442
2002	(1.78)	(665,219)
2003	(2.21)	(778,018)
2004	(0.70)	(199,189)
2005	0.05	16,158
2006	(0.66)	(239,145)
2007	0.65	241,481
2008	(3.14)	(1,179,079)
2009	(0.75)	(279,745)

The fund earnings and salary increase assumptions have considerable impact on the cost of the Plan so it is important that they are in line with the actual experience. The following table shows the actual fund earnings and salary increase rates compared to the assumed rates for the last few years:

Year Ending 9/30	Investment Return		Salary Increases	
	Actual	Assumed	Actual	Assumed
1987	7.4 %	8.0 %	7.2 %	8.00 %
1988	6.9	8.0	7.6	8.00
1989	10.1	8.0	5.6	8.00
1990	5.5	8.0	3.0	8.00
1991	15.0	8.0	10.2	8.00
1992	10.3	8.0	8.8	8.00
1993	8.7	8.0	6.7	8.00
1994	5.9	8.0	5.9	8.00
1995	8.9	8.0	4.6	7.25
1996	8.4	8.0	6.4	7.25
1997	10.1	8.0	5.2	7.25
1998	8.5	8.0	4.4	7.25
1999	10.7	8.0	5.0	7.25
2000	5.7	8.0	6.0	7.25
2001	8.5	8.0	5.6	7.25
2002	3.2	8.0	5.8	6.50
2003	3.7	8.0	6.5	6.50
2004	3.0	8.0	3.6	6.50
2005	3.9	8.0	5.4	6.50
2006	5.0	8.0	11.1	6.50
2007	8.6	8.0	5.5	6.50
2008	3.4	8.0	5.9	6.50
2009	2.2	8.0	2.9	6.50
Averages	7.1 %	---	6.0 %	---

The actual investment return rates shown above are based on the actuarial value of assets. The actual salary increase rates shown above are the increases received by those active members who were included in the actuarial valuation both at the beginning and the end of each period.

Actual (A) Compared to Expected (E) Decrements Among Active Employees													
Year Ended	Number Added During Year		Service & DROP Retirement		Disability Retirement		Death		Terminations				Active Members End of Year
	A	E	A	E	A	E	A	E	Vested	Other	Totals		
									A	A	A	E	
9/30/2006	16	15	5	9	0	0	0	0	1	9	10	4	105
9/30/2007	8	8	6	4	0	0	0	0	0	2	2	4	105
9/30/2008	7	10	7	4	0	0	0	0	0	3	3	4	102
9/30/2009	1	0	0	4	0	0	0	0	0	0	0	4	103
9/30/2010				4		0		0				3	
4 Yr Totals *	32	33	18	21	0	0	0	0	1	14	15	16	

* Totals are through current Plan Year only.

ACTUARIAL ASSUMPTIONS AND COST METHOD

Valuation Methods

Actuarial Cost Method (City Employees) - Normal cost and the allocation of benefit values between service rendered before and after the valuation date were determined using the **Frozen Entry-Age Actuarial Cost Method**. The excess of the Actuarial Present Value of Projected Benefits of the group included in the valuation, over the sum of the Actuarial Value of Assets, the Unfunded Frozen Actuarial Accrued Liability and the Actuarial Present Value of Future Member Contributions (if any) is allocated as a level percentage of earnings of the group between the valuation date and the assumed retirement age. This allocation is performed for the group as a whole, not as a sum of individual allocations. The portion of this Actuarial Present Value allocated to a specific year is called the Employer Normal Cost.

Under this method, actuarial gains (losses) reduce (increase) future Normal Costs.

Actuarial Cost Method (BSO Employees) - Normal cost and the allocation of benefit values between service rendered before and after the valuation date were determined using the **Aggregate Method**. The excess of the Actuarial Present Value of Projected Benefits of the group included in the valuation, over the sum of the Actuarial Value of Assets and the Actuarial Present Value of Future Member Contributions (if any) is allocated as a level percentage of earnings of the group between the valuation date and the assumed retirement age. This allocation is performed for the group as a whole, not as a sum of individual allocations. The portion of this Actuarial Present Value allocated to a specific year is called the Employer Normal Cost.

Under this method, actuarial gains and losses, plan amendments, and changes in actuarial assumptions and methods reduce or increase future Normal Costs.

Financing of Unfunded Actuarial Accrued Liabilities - Unfunded Actuarial Accrued Liabilities (full funding credit if assets exceed liabilities) were amortized by level (principal & interest combined) dollar amount contributions over a reasonable period of future years.

Actuarial Value of Assets - The Actuarial Value of Assets phases in the difference between the actual and expected investment earnings over a period of five years. The Actuarial Value of Assets will be further adjusted to the extent necessary to fall within the corridor whose lower limit is 80% of the Market Value of plan assets and whose upper limit is 120% of the Market Value of plan assets. During periods when investment performance exceeds the assumed rate, Actuarial Value of Assets will tend to be less than Market Value. During periods when investment performance is less than assumed rate, Actuarial Value of Assets will tend to be greater than Market Value.

Valuation Assumptions

The actuarial assumptions used in the valuation are shown in this Section.

Economic Assumptions

The investment return rate assumed in the valuations is 7.5% per year, compounded annually (net after investment expenses).

The **Wage Inflation Rate** assumed in this valuation was 4% per year. The Wage Inflation Rate is defined to be the portion of total pay increases for an individual that are due to macro economic forces

including productivity, price inflation, and labor market conditions. The wage inflation rate does not include pay changes related to individual merit and seniority effects.

The assumed **real rate of return** over wage inflation is defined to be the portion of total investment return that is more than the assumed wage inflation rate. Considering other economic assumptions, the 7.5% investment return rate translates to an assumed real rate of return over wage inflation of 3.5%.

Pay increase assumptions for individual active members are shown below. Part of the assumption for each age is for merit and/or seniority increase, and the other 4% recognizes wage inflation, including price inflation, productivity increases, and other macroeconomic forces.

The rates of salary increase used for individual members are in accordance with the following table. This assumption is used to project a member's current salary to the salaries upon which benefits will be based.

Years of Service	% Increase in Salary		
	Merit and Seniority	Base (Economic)	Total Increase
All	2.0%	4.0%	6.0%

Demographic Assumptions

The mortality table was the RP -2000 Generational Mortality Table for males and females.

Sample Attained Ages (in 2009)	Probability of Dying Next Year		Future Life Expectancy (years)	
	Men	Women	Men	Women
	50	0.18 %	0.14 %	33.81
55	0.31	0.25	28.70	30.42
60	0.58	0.48	23.79	25.65
65	1.12	0.93	19.22	21.18
70	1.94	1.60	15.08	17.07
75	3.33	2.61	11.38	13.37
80	5.88	4.31	8.25	10.11

This assumption is used to measure the probabilities of each benefit payment being made after retirement. For active members, the probabilities of dying before retirement were based upon the same mortality table as members dying after retirement.

For disabled retirees, the regular mortality tables are set forward 5 years in ages to reflect impaired longevity.

The rates of retirement used to measure the probability of eligible members retiring during the next year were as follows:

Number of Years After First Eligibility for Normal Retirement	Probability of Normal Retirement
0	70 %
1	40
2	40
3	40
4	40
5	100

The rate of retirement is 3% for each year of eligibility for early retirement.

Rates of separation from active membership were as shown below (rates do not apply to members eligible to retire and do not include separation on account of death or disability). This assumption measures the probabilities of members remaining in employment.

Sample Ages	% of Active Members Separating Within Next Year
20	12.4 %
25	11.7
30	10.5
35	8.3
40	5.7
45	3.5
50	1.5
55	0.6
60	0.5

Rates of disability among active members.

Sample Ages	% Becoming Disabled within Next Year
20	0.07 %
25	0.09
30	0.11
35	0.14
40	0.19
45	0.30
50	0.51
55	0.96
60	1.66

Miscellaneous and Technical Assumptions

<i>Administrative & Investment Expenses</i>	The investment return assumption is intended to be the return net of investment expenses. Annual administrative expenses are assumed to be equal to the average of the expenses over the previous 2 years. Assumed administrative expenses are added to the Normal Cost.
<i>Benefit Service</i>	Exact fractional service is used to determine the amount of benefit payable.
<i>Decrement Operation</i>	Disability and mortality decrements operate during retirement eligibility.
<i>Decrement Timing</i>	Decrements of all types are assumed to occur at the beginning of the year.
<i>Eligibility Testing</i>	Eligibility for benefits is determined based upon the age nearest birthday and service nearest whole year on the date the decrement is assumed to occur.
<i>Forfeitures</i>	For vested separations from service, it is assumed that 0% of members separating will withdraw their contributions and forfeit an employer financed benefit. It was further assumed that the liability at termination is the greater of the vested deferred benefit (if any) or the member's accumulated contributions.
<i>Incidence of Contributions</i>	Contributions are assumed to be received continuously throughout the year based upon the computed percent of payroll shown in this report, and the actual payroll payable at the time contributions are made.
<i>Marriage Assumption</i>	100% of males and 100% of females are assumed to be married for purposes of death-in-service benefits. Male spouses are assumed to be three years older than female spouses for active member valuation purposes.
<i>Normal Form of Benefit</i>	A life annuity is the normal form of benefit.
<i>Pay Increase Timing</i>	End of fiscal year. This is equivalent to assuming that reported pay represents the rate of pay for the fiscal year beginning on the valuation date.
<i>Service Credit Accruals</i>	It is assumed that members accrue one year of service credit per year.

GLOSSARY

<i>Actuarial Accrued Liability (AAL)</i>	The difference between the Actuarial Present Value of Future Benefits, and the Actuarial Present Value of Future Normal Costs.
<i>Actuarial Assumptions</i>	Assumptions about future plan experience that affect costs or liabilities, such as: mortality, withdrawal, disablement, and retirement; future increases in salary; future rates of investment earnings; future investment and administrative expenses; characteristics of members not specified in the data, such as marital status; characteristics of future members; future elections made by members; and other items.
<i>Actuarial Cost Method</i>	A procedure for allocating the Actuarial Present Value of Future Benefits between the Actuarial Present Value of Future Normal Costs and the Actuarial Accrued Liability.
<i>Actuarial Equivalent</i>	Of equal Actuarial Present Value, determined as of a given date and based on a given set of Actuarial Assumptions.
<i>Actuarial Present Value (APV)</i>	The amount of funds required to provide a payment or series of payments in the future. It is determined by discounting the future payments with an assumed interest rate and with the assumed probability each payment will be made.
<i>Actuarial Present Value of Future Benefits (APVFB)</i>	The Actuarial Present Value of amounts which are expected to be paid at various future times to active members, retired members, beneficiaries receiving benefits, and inactive, nonretired members entitled to either a refund or a future retirement benefit. Expressed another way, it is the value that would have to be invested on the valuation date so that the amount invested plus investment earnings would provide sufficient assets to pay all projected benefits and expenses when due.
<i>Actuarial Valuation</i>	The determination, as of a valuation date, of the Normal Cost, Actuarial Accrued Liability, Actuarial Value of Assets, and related Actuarial Present Values for a plan. An Actuarial Valuation for a governmental retirement system typically also includes calculations of items needed for compliance with GASB No. 25, such as the Funded Ratio and the Annual Required Contribution (ARC).
<i>Actuarial Value of Assets</i>	The value of the assets as of a given date, used by the actuary for valuation purposes. This may be the market or fair value of plan assets or a smoothed value in order to reduce the year-to-year volatility of calculated results, such as the funded ratio and the actuarially required contribution (ARC).

<i>Amortization Method</i>	A method for determining the Amortization Payment. The most common methods used are level dollar and level percentage of payroll. Under the Level Dollar method, the Amortization Payment is one of a stream of payments, all equal, whose Actuarial Present Value is equal to the UAAL. Under the Level Percentage of Pay method, the Amortization Payment is one of a stream of increasing payments, whose Actuarial Present Value is equal to the UAAL. Under the Level Percentage of Pay method, the stream of payments increases at the rate at which total covered payroll of all active members is assumed to increase.
<i>Amortization Payment</i>	That portion of the plan contribution or ARC which is designed to pay interest on and to amortize the Unfunded Actuarial Accrued Liability.
<i>Amortization Period</i>	The period used in calculating the Amortization Payment.
<i>Annual Required Contribution (ARC)</i>	The employer's periodic required contributions, expressed as a dollar amount or a percentage of covered plan compensation, determined under GASB No. 25. The ARC consists of the Employer Normal Cost and Amortization Payment.
<i>Closed Amortization Period</i>	A specific number of years that is reduced by one each year, and declines to zero with the passage of time. For example if the amortization period is initially set at 30 years, it is 29 years at the end of one year, 28 years at the end of two years, etc.
<i>Employer Normal Cost</i>	The portion of the Normal Cost to be paid by the employer. This is equal to the Normal Cost less expected member contributions.
<i>Equivalent Single Amortization Period</i>	For plans that do not establish separate amortization bases (separate components of the UAAL), this is the same as the Amortization Period. For plans that do establish separate amortization bases, this is the period over which the UAAL would be amortized if all amortization bases were combined upon the current UAAL payment.
<i>Experience Gain/Loss</i>	A measure of the difference between actual experience and that expected based upon a set of Actuarial Assumptions, during the period between two actuarial valuations. To the extent that actual experience differs from that assumed, Unfunded Actuarial Accrued Liabilities emerge which may be larger or smaller than projected. Gains are due to favorable experience, e.g., the assets earn more than projected, salaries do not increase as fast as assumed, members retire later than assumed, etc. Favorable experience means actual results produce actuarial liabilities not as large as projected by the actuarial assumptions. On the other hand, losses are the result of unfavorable experience, i.e., actual results that produce Unfunded Actuarial Accrued Liabilities which are larger than projected.
<i>Funded Ratio</i>	The ratio of the Actuarial Value of Assets to the Actuarial Accrued Liability.

<i>GASB</i>	Governmental Accounting Standards Board.
<i>GASB No. 25 and GASB No. 27</i>	These are the governmental accounting standards that set the accounting rules for public retirement systems and the employers that sponsor or contribute to them. Statement No. 27 sets the accounting rules for the employers that sponsor or contribute to public retirement systems, while Statement No. 25 sets the rules for the systems themselves.
<i>Normal Cost</i>	The annual cost assigned, under the Actuarial Cost Method, to the current plan year.
<i>Open Amortization Period</i>	An open amortization period is one which is used to determine the Amortization Payment but which does not change over time. In other words, if the initial period is set as 30 years, the same 30-year period is used in determining the Amortization Period each year. In theory, if an Open Amortization Period is used to amortize the Unfunded Actuarial Accrued Liability, the UAAL will never completely disappear, but will become smaller each year, either as a dollar amount or in relation to covered payroll.
<i>Unfunded Actuarial Accrued Liability</i>	The difference between the Actuarial Accrued Liability and Actuarial Value of Assets.
<i>Valuation Date</i>	The date as of which the Actuarial Present Value of Future Benefits are determined. The benefits expected to be paid in the future are discounted to this date.

SECTION C
PENSION FUND INFORMATION

STATEMENT OF PLAN ASSETS AT MARKET VALUE

Item	September 30	
	2009	2008
A. Cash and Cash Equivalents (Operating Cash)	\$ 73,260	\$ 47
B. Receivables:		
1. Member Contributions	\$ -	\$ -
2. Employer Contributions	\$ -	\$ -
3. BSO Contributions	\$ 5,029	\$ 68,354
4. Investment Income and Other Receivables	299,828	84,507
5. Total Receivables	\$ 304,857	\$ 152,861
C. Investments		
1. Short-Term Investments	\$ 724,379	\$ 1,324,626
2. Domestic and International Equities	9,018,601	7,836,700
3. Domestic and International Fixed Income	5,341,757	5,156,697
4. Real Estate	-	-
5. Private Equity	-	-
6. Total Investments	\$ 15,084,737	\$ 14,318,023
D. Liabilities		
1. Benefits/Refunds Payable	\$ (4,831)	\$ (29,430)
2. Accrued Expenses and Other Payables	(28,685)	(19,260)
3. DROP Accounts	(85,351)	(53,736)
4. Prepaid Contribution (BSO)	(60,588)	-
5. Other	(75,926)	-
6. Total Liabilities	\$ (255,381)	\$ (102,426)
E. Total Market Value of Assets Available for Benefits	\$ 15,207,473	\$ 14,368,505
F. Allocation of Investments		
1. Short-Term Investments	4.80%	9.25%
2. Domestic and International Equities	59.79%	54.73%
3. Domestic and International Fixed Income	35.41%	36.02%
4. Real Estate	0.00%	0.00%
5. Private Equity	0.00%	0.00%
6. Total Investments	100.00%	100.00%

RECONCILIATION OF PLAN ASSETS

Item	September 30	
	2009	2008
A. Market Value of Assets at Beginning of Year	\$ 14,422,241	\$ 15,751,387
B. Revenues and Expenditures		
1. Contributions		
a. Employee Contributions	\$ 496,222	\$ 478,170
b. City Contributions	927,762	823,249
c. BSO Employer and Employee Contributions	144,717	171,977
d. Purchased Service Credit	-	-
e. Other	-	-
f. Total	<u>\$ 1,568,701</u>	<u>\$ 1,473,396</u>
2. Investment Income		
a. Interest, Dividends, and Other Income	\$ 396,764	\$ 447,198
b. Net Realized and Unrealized Gains/(Losses)	(42,702)	(2,354,114)
c. Investment Expenses	(110,736)	(105,499)
d. Net Investment Income	<u>\$ 243,326</u>	<u>\$ (2,012,415)</u>
3. Benefits and Refunds		
a. Refunds	\$ (36,206)	\$ (8,876)
b. Regular Monthly Benefits	(871,315)	(748,474)
c. DROP Payments	(7,500)	(7,500)
d. Total	<u>\$ (915,021)</u>	<u>\$ (764,850)</u>
4. Administrative and Miscellaneous Expenses	\$ (26,423)	\$ (25,277)
5. Transfers	\$ -	\$ -
C. Market Value of Assets at End of Year	\$ 15,292,824	\$ 14,422,241
D. Less: DROP account balance	\$ 85,351	\$ 53,736
E. Final Market Value of Assets at End of Year	\$ 15,207,473	\$ 14,368,505

DEVELOPMENT OF ACTUARIAL VALUE OF ASSETS – OLD METHOD

The Actuarial Value of Assets is equal to the market value less capital appreciation which has not yet been recognized. Capital appreciation, the total of realized and unrealized gains, is being recognized at the rate of 20% per year. Recognized and unrecognized capital appreciation for this year's valuation is developed as follows:

Year Ending	(1) Capital Appreciation	Amount of (1) Recognized Each Year	Amount of (1) Recognized by Valuation Date	Amount of (1) Unrecognized by Valuation Date
9/30/2009	\$ (39,019)	\$ (7,804)	\$ (7,804)	\$ (31,215)
9/30/2008	(2,351,209)	(470,242)	(940,484)	(1,410,725)
9/30/2007	1,422,009	284,402	853,206	568,803
9/30/2006	533,971	106,794	427,176	106,795
9/30/2005	754,642	150,928	754,642	0
	<u>320,394</u>	<u>64,078</u>	<u>1,086,736</u>	<u>(766,342)</u>
<p>Actuarial Value of Assets = (Market Value) - (Unrecognized Capital Appreciation)</p> <p style="padding-left: 40px;">= \$ 15,292,824 - \$ (766,342)</p> <p style="padding-left: 40px;">= \$ 16,059,166</p> <p style="padding-left: 40px;">Range from 80% to 120% of Market Value = \$12,234,259 to \$18,351,389</p> <p>Final Actuarial Value of Assets = AVA + Buybacks - DROP Account</p> <p style="padding-left: 40px;">= \$ 16,059,166 + \$ - - \$ 85,351</p> <p style="padding-left: 40px;">Final Actuarial Value = \$15,973,815</p>				

Investment earnings recognized in the Actuarial Value of Assets are computed as follows:

\$ 16,059,166	Actuarial Value this year
- 15,085,484	Actuarial Value last year
- 1,568,701	Contributions during year
+ <u>1,052,180</u>	Disbursements during year
457,161	Gross Earnings recognized
- <u>110,736</u>	Investment related expenses
346,425	Net Earnings recognized

DEVELOPMENT OF ACTUARIAL VALUE OF ASSETS – NEW METHOD

Valuation Date – September 30	2009	2010	2011	2012	2013
A. Actuarial Value of Assets Beginning of Year	\$ 15,085,484	\$ 16,746,949	\$ -	\$ -	\$ -
B. Market Value End of Year	\$ 15,292,824	-	-	-	-
C. Market Value Beginning of Year	14,422,241	15,292,824	-	-	-
D. Non-Investment/Administrative Net Cash Flow	627,257	-	-	-	-
E. Investment Income					
E1. Actual Market Total: B-C-D	243,326	-	-	-	-
E2. Assumed Rate of Return	8.00%	7.50%	7.50%	7.50%	7.50%
E3. Assumed Amount of Return	1,231,929	-	-	-	-
E4. Amount Subject to Phase-In: E1-E3	(988,603)	-	-	-	-
F. Phase-In Recognition of Investment Income					
F1. Current Year: 0.20 x E4	(197,721)	-	-	-	-
F2. First Prior Year	-	(197,721)	-	-	-
F3. Second Prior Year	-	-	(197,721)	-	-
F4. Third Prior Year	-	-	-	(197,721)	-
F5. Fourth Prior Year	-	-	-	-	(197,721)
F6. Total Phase-Ins	(197,721)	(197,721)	(197,721)	(197,721)	(197,721)
G. Actuarial Value of Assets End of Year					
G1. Preliminary Actuarial Value of Assets End of Year: A+D+E3+F6	\$ 16,746,949	\$ -	\$ -	\$ -	\$ -
G2. Upper Corridor Limit: 120%*B	18,351,389	-	-	-	-
G3. Lower Corridor Limit: 80%*B	12,234,259	-	-	-	-
G4. Funding Value End of Year	16,746,949	-	-	-	-
G5. Less: DROP Balance	85,351	-	-	-	-
G6. Final Funding Value End of Year	16,661,598	-	-	-	-
H. Difference between Market & Actuarial Value of Assets	(1,454,125)	\$ -	\$ -	\$ -	\$ -
I. Actuarial Rate of Return	6.72%	0.00%	0.00%	0.00%	0.00%
J. Market Value Rate of Return	1.65%	0.00%	0.00%	0.00%	0.00%
K. Ratio of Actuarial Value of Assets to Market Value	109.56%	0.00%	0.00%	0.00%	0.00%

Reconciliation of Deferred Retirement Option Plan (DROP) Accounts	
Value at Beginning of Period	\$ 53,736
Payments Credited to Account	35,614
Investment Earnings Credited	3,501
Withdrawals from Accounts	(7,500)
Value at End of Period	85,351

ASSET ALLOCATION

Market Value	BSO	City	Total
Valuation Date	10/01/2009	10/01/2009	
Assets shown for year end	9/30/2009	9/30/2009	
Market Value at BOY	2,040,126	12,328,379	14,368,505
Present Value of Buybacks	-	-	-
DROP Accounts	-	53,736	53,736
Net Market Value at BOY	2,040,126	12,382,115	14,422,241
Contributions			
City EE Contributions	-	496,222	496,222
City ER Contributions	-	927,762	927,762
BSO Employer Contributions	144,717	-	144,717
Total Income	144,717	1,423,984	1,568,701
Disbursements			
Monthly Benefit Payments	128,100	750,715	878,815
Lump Sum Distributions	-	-	-
Refunds of Contributions	-	36,206	36,206
Investment Related Expenses	15,664	95,072	110,736
Other Administrative Expenses	3,738	22,685	26,423
Insurance Premiums	-	-	-
Total Disbursements	147,502	904,678	1,052,180
Weighted Market Value	2,038,734	12,641,768	14,680,502
Total Investment Earnings	49,170	304,892	354,062
Market Value - Gross	2,086,511	13,206,313	15,292,824
PV EE Buybacks	-	-	-
DROP Accounts	-	85,351	85,351
Market Value at End of Period	2,086,511	13,120,962	15,207,473
Actuarial Value (Old Method)	2,191,069	13,868,097	16,059,166
DROP	-	85,351	85,351
Net Actuarial Value (Old Method)	2,191,069	13,782,746	15,973,815
Actuarial Value (New Method)	2,284,908	14,462,041	16,746,949
DROP	-	85,351	85,351
Net Actuarial Value (New Method)	2,284,908	14,376,690	16,661,598

INVESTMENT RATE OF RETURN

The approximate annual rates of investment return have been calculated on two bases and are shown below:

- Basis 1** - Interest, dividends, realized gains (losses) and unrealized appreciation (depreciation) divided by the weighted average of the market value of assets during the year. This basis is commonly known as the Total Rate of Return.
- Basis 2** - Investment income recognized in the Actuarial Value of Assets divided by the average of the Actuarial Value of Assets during the year.

Year Ending September 30th	Investment Rate of Return	
	Basis 1*	Basis 2
1981	11.6 %	11.6 %
1982	12.7	12.7
1983	10.6	10.6
1984	10.0	10.0
1985	10.3	10.3
1986	6.1	6.9
1987	7.7	7.4
1988	6.4	6.9
1989	12.2	10.1
1990	3.6	5.5
1991	21.2	15.0
1992	11.9	10.3
1993	8.0	8.7
1994	(1.7)	5.9
1995	19.2	8.9
1996	10.3	8.4
1997	20.1	10.1
1998	8.4	8.5
1999	10.1	10.7
2000	8.2	5.7
2001	(1.7)	8.5
2002	(3.9)	3.2
2003	11.5	3.7
2004	6.9	3.0
2005	10.2	3.9
2006	7.0	5.0
2007	12.7	8.6
2008	(12.5)	3.4
2009	1.6	2.2
Average Compounded Rate of Return for Number of Years Shown	8.0 %	7.7 %
Average Compounded Rate of Return for Last 5 Years	3.4 %	4.6 %

* Net of investment expenses after 2006

GRS

SECTION D
FINANCIAL ACCOUNTING INFORMATION

FASB NO. 35 INFORMATION

A. Valuation Date	October 1, 2009	October 1, 2008
B. Actuarial Present Value of Accumulated Plan Benefits		
1. Vested Benefits		
a. Members Currently Receiving Payments	\$ 9,838,771	9,962,426
b. Terminated Vested Members	402,139	344,438
c. Other Members	<u>10,183,767</u>	<u>7,980,636</u>
d. Total	20,424,677	18,287,500
2. Non-Vested Benefits	958,558	1,235,820
3. Total Actuarial Present Value of Accumulated Plan Benefits: 1d + 2	21,383,235	19,523,320
4. Accumulated Contributions of Active Members	3,343,456	2,673,418
C. Changes in the Actuarial Present Value of Accumulated Plan Benefits		
1. Total Value at Beginning of Year	19,523,320	16,839,892
2. Increase (Decrease) During the Period Attributable to:		
a. Plan Amendment	0	0
b. Change in Actuarial Assumptions	1,096,845	0
c. Latest Member Data, Benefits Accumulated and Decrease in the Discount Period	1,678,091	3,448,278
d. Benefits Paid	<u>(915,021)</u>	<u>(764,850)</u>
e. Net Increase	1,859,915	2,683,428
3. Total Value at End of Period	21,383,235	19,523,320
D. Market Value of Assets	15,207,473	14,368,505
E. Actuarial Assumptions - See page entitled Actuarial Assumptions and Methods		

SCHEDULE OF FUNDING PROGRESS
(GASB Statement No. 25)

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) - Entry Age (b)	Unfunded AAL (UAAL) (b) - (a)	Funded Ratio (a) / (b)	Covered Payroll (c)	UAAL As % of Covered Payroll (b - a) / c
10/1/1993	\$ 5,463,381	\$ 5,872,846	\$ 409,465	93.0 %	\$ 4,880,767	8.4 %
10/1/1994	6,643,449	7,740,789	1,097,340	85.8	5,541,940	19.8
10/1/1995	8,159,543	9,095,864	936,321	89.7	5,787,179	16.2
10/1/1996	9,766,918	10,154,900	387,982	96.2	6,235,012	6.2
10/1/1997	11,633,049	11,432,645	(200,404)	101.8	6,348,795	(3.2)
10/1/1998	13,486,497	12,937,090	(549,407)	104.2	7,058,737	(7.8)
10/1/1999	6,315,092	6,076,148	(238,944)	103.9	3,494,300	(6.8)
10/1/2000	6,953,308	7,501,451	548,143	92.7	3,785,129	14.5
10/1/2001	7,810,426	8,359,137	548,711	93.4	3,970,651	13.8
10/1/2002	8,276,575	9,765,995	1,489,420	84.7	4,225,613	35.2
10/1/2003	8,986,939	11,586,664	2,599,725	77.6	4,669,102	55.7
10/1/2004	9,824,507	13,789,862	3,965,355	71.2	4,472,264	88.7
10/1/2005	11,007,218	14,867,345	3,860,127	74.0	4,690,414	82.3
10/1/2006	12,205,942	16,275,780	4,069,838	75.0	4,977,931	81.8
10/1/2007	13,868,934	19,014,592	5,145,658	72.9	5,154,649	99.8
10/1/2008	15,031,748	21,383,418	6,351,670	70.3	5,172,878	122.8
10/1/2009 (b)	15,973,815	22,648,342	6,674,527	70.5	5,360,748	124.5
10/1/2009 (a)	16,661,598	23,789,482	7,127,884	70.0	5,360,748	133.0

(b) Before Method and Assumption Changes
(a) After Method and Assumption Changes

SCHEDULE OF CONTRIBUTIONS FROM EMPLOYER

(GASB Statement No. 25)

Year Ended September 30	Annual Required Contribution	Actual Contribution	Percentage Contributed
1991	\$386,389	\$397,941	103.0 %
1992	434,772	446,813	102.8
1993	484,306	498,459	102.9
1994	581,944	625,378	107.5
1995	665,284	685,642	103.1
1996	694,851	720,175	103.6
1997	707,615	730,462	103.2
1998	672,808	721,352	107.2
1999	726,863	760,933	104.7
2000	229,683	229,683	100.0
2001	277,716	277,716	100.0
2002	233,352	233,352	100.0
2003	415,671	415,671	100.0
2004	619,985	630,569	101.7
2005	885,796	885,796 *	100.0
2006	913,443	913,443 **	100.0
2007	927,417	927,417 ***	100.0
2008	995,226	995,226 ***	100.0
2009	1,072,479	1,072,479	100.0

* Includes BSO receivable contribution of \$47,402

** Includes BSO receivable contribution of \$56,704

*** Includes BSO receivable contribution of \$41,912

**** Includes BSO receivable contribution of \$68,354

**ANNUAL PENSION COST AND NET PENSION OBLIGATION
(GASB STATEMENT NO. 27)**

Employer FYE September 30	2010	2009	2008
Annual Required Contribution (ARC)	\$1,247,460	\$1,072,479	\$995,226
Interest on Net Pension Obligation (NPO)	(455)	(544)	(609)
Adjustment to ARC	(1,166)	(1,271)	(1,418)
Annual Pension Cost (APC)	1,248,171	1,073,206	996,035
Contributions made	*	1,072,479	995,226
Increase (decrease) in NPO	*	727	809
NPO at beginning of year	(6,072)	(6,799)	(7,608)
NPO at end of year	*	(6,072)	(6,799)

* To be determined

THREE-YEAR TREND INFORMATION

Fiscal Year Ending	Annual Pension Cost	Percentage of APC Contributed	Net Pension Obligation
9/30/2007	\$ 928,322	99.9 %	\$ (7,608)
9/30/2008	996,035	99.9	(6,799)
9/30/2009	1,073,206	99.9	(6,072)

RELATED INFORMATION

Contribution Rates	
Employer	25.10%
Plan members	10.43% for City Employees 0.00% for BSO Employees
Actuarial valuation date	10/1/09
Actuarial cost method	Frozen entry age for City Employees Aggregate for BSO Employees
Amortization method	Level dollar, closed
Remaining amortization period (years)	30
Asset valuation method	5-year-smoothed market value
Actuarial assumptions	
Investment rate of return*	7.5%
Projected salary increases*	6.0%
* Includes inflation at	4%
Cost of Living adjustments	NA

SECTION E
MISCELLANEOUS INFORMATION

RECONCILIATION OF MEMBERSHIP DATA		
	From 10/1/08 To 10/1/09	From 10/1/07 To 10/1/08
A. Active Members		
1. Number Included in Last Valuation	102	105
2. New Members Included in Current Valuation	1	7
3. Non-Vested Employment Terminations	0	(3)
4. Vested Employment Terminations	0	0
5. Service Retirements	0	(6)
6. DROP Retirements	0	(1)
7. Disability Retirements	0	0
8. Deaths	0	0
9. Other - Transfers to Other Plans	0	0
10. Number Included in This Valuation	<u>103</u>	<u>102</u>
B. Terminated Vested Members		
1. Number Included in Last Valuation	4	6
2. Additions from Active Members	0	0
3. Lump Sum Payments/Refunds	0	0
4. Payments Commenced	0	(2)
5. Deaths	0	0
6. Other - Data Correction	0	0
7. Number Included in This Valuation	<u>4</u>	<u>4</u>
C. DROP Participation		
1. Number Included in Last Valuation	2	1
2. Additions from Active Members	0	1
3. Payments commenced	0	0
4. Deaths	0	0
5. Other	0	0
6. Number Included in This Valuation	<u>2</u>	<u>2</u>
D. Service Retirees, Disability Retirees and Beneficiaries - City		
1. Number Included in Last Valuation	50	44
2. Additions from Active Members	0	4
3. Additions from Terminated Vested Members	0	2
4. Additions from DROP	0	0
5. Deaths Resulting in No Further Payments	0	0
6. Deaths Resulting in New Survivor Benefits	0	0
7. End of Certain Period - No Further Payments	0	0
8. Other	0	0
9. Number Included in This Valuation	<u>50</u>	<u>50</u>
E. Service Retirees, Disability Retirees and Beneficiaries - BSO		
1. Number Included in Last Valuation	6	4
2. Additions from Active Members	0	2
3. Additions from Terminated Vested Members	0	0
4. Additions from DROP	0	0
5. Deaths Resulting in No Further Payments	0	0
6. Deaths Resulting in New Survivor Benefits	0	0
7. End of Certain Period - No Further Payments	0	0
8. Other	0	0
9. Number Included in This Valuation	<u>6</u>	<u>6</u>

Cooper City General Employees Retirement Fund – Active Members excluding BSO Transfers

Age Group	Years of Service to Valuation Date													Totals	
	0-1	1-2	2-3	3-4	4-5	5-9	10-14	15-19	20-24	25-29					
20-24 NO.	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
TOT PAY	0	0	0	36,932	0	0	0	0	0	0	0	0	0	0	36,932
AVG PAY	0	0	0	36,932	0	0	0	0	0	0	0	0	0	0	36,932
25-29 NO.	1	1	0	0	2	0	0	0	0	0	0	0	0	0	4
TOT PAY	39,279	31,221	0	0	91,636	0	0	0	0	0	0	0	0	0	162,136
AVG PAY	39,279	31,221	0	0	45,818	0	0	0	0	0	0	0	0	0	40,534
30-34 NO.	0	1	1	0	2	1	0	0	0	0	0	0	0	0	5
TOT PAY	0	39,772	38,802	0	89,797	49,590	0	0	0	0	0	0	0	0	217,961
AVG PAY	0	39,772	38,802	0	44,899	49,590	0	0	0	0	0	0	0	0	43,592
35-39 NO.	0	2	0	1	2	4	2	0	0	0	0	0	0	0	11
TOT PAY	0	62,442	0	30,221	79,640	224,612	111,845	0	0	0	0	0	0	0	508,760
AVG PAY	0	31,221	0	30,221	39,820	56,153	55,923	0	0	0	0	0	0	0	46,251
40-44 NO.	0	0	1	0	0	0	7	1	0	0	1	0	0	0	10
TOT PAY	0	0	40,337	0	0	382,769	56,060	0	0	67,989	0	0	0	0	547,155
AVG PAY	0	0	40,337	0	0	54,681	56,060	0	0	67,989	0	0	0	0	54,716
45-49 NO.	0	1	3	5	2	8	2	1	0	0	1	0	0	0	23
TOT PAY	0	39,738	106,256	232,346	79,408	459,232	99,376	85,690	0	46,208	0	0	0	0	1,148,254
AVG PAY	0	39,738	35,419	46,469	39,704	57,404	49,688	85,690	0	46,208	0	0	0	0	49,924
50-54 NO.	0	1	1	0	4	4	4	5	4	5	1	0	0	0	25
TOT PAY	0	44,407	81,646	0	251,061	189,933	295,203	223,202	298,719	58,842	0	0	0	0	1,443,013
AVG PAY	0	44,407	81,646	0	62,765	47,483	59,041	55,801	59,744	58,842	0	0	0	0	57,721
55-59 NO.	0	1	0	1	0	3	1	1	1	0	0	0	0	0	7
TOT PAY	0	38,769	0	38,447	0	178,753	101,743	48,458	0	0	0	0	0	0	406,170
AVG PAY	0	38,769	0	38,447	0	59,284	101,743	48,458	0	0	0	0	0	0	58,024
60-64 NO.	0	0	0	1	0	2	2	0	1	0	0	0	0	0	6
TOT PAY	0	0	0	81,646	0	93,297	102,425	0	61,106	0	0	0	0	0	338,474
AVG PAY	0	0	0	81,646	0	46,649	51,213	0	61,106	0	0	0	0	0	56,412
65-99 NO.	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
TOT PAY	0	0	36,543	0	0	0	0	0	0	0	0	0	0	0	36,543
AVG PAY	0	0	36,543	0	0	0	0	0	0	0	0	0	0	0	36,543
TOT NO.	1	7	7	9	12	29	13	6	7	2					93
TOT AMT	39,279	256,349	303,584	419,592	591,542	1,578,186	766,652	357,350	427,814	105,050					4,845,398
AVG AMT	39,279	36,621	43,369	46,621	49,295	54,420	58,973	59,558	61,116	52,525					52,101

Cooper City General Employees Retirement Fund – BSO Transfers Remaining in the Plan

Age Group	Years of Service to Valuation Date										Totals	
	0-1	1-2	2-3	3-4	4-5	5-9	10-14	15-19	20-24	25-29		
20-24 NO.	0	0	0	0	0	0	0	0	0	0	0	0
TOT PAY	0	0	0	0	0	0	0	0	0	0	0	0
AVG PAY	0	0	0	0	0	0	0	0	0	0	0	0
25-29 NO.	0	0	0	0	0	0	0	0	0	0	0	0
TOT PAY	0	0	0	0	0	0	0	0	0	0	0	0
AVG PAY	0	0	0	0	0	0	0	0	0	0	0	0
30-34 NO.	0	0	0	0	0	0	0	0	0	0	0	0
TOT PAY	0	0	0	0	0	0	0	0	0	0	0	0
AVG PAY	0	0	0	0	0	0	0	0	0	0	0	0
35-39 NO.	0	0	0	0	0	0	0	0	0	0	0	0
TOT PAY	0	0	0	0	0	0	0	0	0	0	0	0
AVG PAY	0	0	0	0	0	0	0	0	0	0	0	0
40-44 NO.	0	0	0	0	0	0	0	0	0	0	0	2
TOT PAY	0	0	0	0	0	42,256	0	54,185	0	0	0	96,441
AVG PAY	0	0	0	0	0	42,256	0	54,185	0	0	0	48,221
45-49 NO.	0	0	0	0	0	0	0	0	0	0	0	3
TOT PAY	0	0	0	0	0	69,918	90,475	0	0	0	0	160,393
AVG PAY	0	0	0	0	0	69,918	45,238	0	0	0	0	53,464
50-54 NO.	0	0	0	0	0	0	0	0	0	0	0	4
TOT PAY	0	0	0	0	0	42,256	162,075	0	0	0	0	204,331
AVG PAY	0	0	0	0	0	42,256	54,025	0	0	0	0	51,083
55-59 NO.	0	0	0	0	0	0	0	0	0	0	0	0
TOT PAY	0	0	0	0	0	0	0	0	0	0	0	0
AVG PAY	0	0	0	0	0	0	0	0	0	0	0	0
60-64 NO.	0	0	0	0	0	0	0	0	0	0	0	0
TOT PAY	0	0	0	0	0	0	0	0	0	0	0	0
AVG PAY	0	0	0	0	0	0	0	0	0	0	0	0
65-99 NO.	0	0	0	0	0	0	0	0	0	0	0	1
TOT PAY	0	0	0	0	0	54,185	0	0	0	0	0	54,185
AVG PAY	0	0	0	0	0	54,185	0	0	0	0	0	54,185
TOT NO.	0	0	0	0	0	4	5	1	0	0	0	10
TOT AMT	0	0	0	0	0	208,615	252,550	54,185	0	0	0	515,350
AVG AMT	0	0	0	0	0	52,154	50,510	54,185	0	0	0	51,535

INACTIVE PARTICIPANT SCATTER

Age Group	Terminated Vested		Disabled		Retired		Deceased with Beneficiary	
	Number	Total Benefits	Number	Total Benefits	Number	Total Benefits	Number	Total Benefits
Under 20	-	-	-	-	-	-	-	-
20-24	-	-	-	-	-	-	-	-
25-29	-	-	-	-	-	-	-	-
30-34	-	-	-	-	-	-	-	-
35-39	-	-	-	-	-	-	-	-
40-44	2	16,342	-	-	-	-	1	8,614
45-49	1	16,125	1	9,464	-	-	-	-
50-54	1	25,895	-	-	1	29,671	-	-
55-59	-	-	2	37,826	11	239,915	1	15,867
60-64	-	-	-	-	16	308,873	1	5,982
65-69	-	-	-	-	13	181,126	-	-
70-74	-	-	-	-	1	8,896	1	10,421
75-79	-	-	-	-	5	42,577	1	4,422
80-84	-	-	-	-	2	10,587	-	-
85-89	-	-	-	-	1	2,583	-	-
90-94	-	-	-	-	-	-	-	-
95-99	-	-	-	-	-	-	-	-
100 & Over	-	-	-	-	-	-	-	-
Total	4	58,362	3	47,290	50	824,228	5	45,306
Average Age		47		53		65		62

SECTION F
SUMMARY OF PLAN PROVISIONS

**CITY OF COOPER CITY
GENERAL EMPLOYEES' RETIREMENT PLAN**

SUMMARY OF PLAN PROVISIONS

A. Ordinances

Plan established under the Code of Ordinances for the City of Cooper City, Florida, Chapter 2, Article VI, Division 2, and was most recently amended under Ordinance No. 07-12-1 passed and adopted on December 11, 2007. The Plan is also governed by certain provisions of Part VII, Chapter 112, Florida Statutes and the Internal Revenue Code.

B. Effective Date

October 1, 1979

C. Plan Year

October 1 through September 30

D. Type of Plan

Qualified, governmental defined benefit retirement plan; for GASB purposes it is a single employer plan.

E. Eligibility Requirements

All full-time general employees are eligible for membership on the date of employment.

F. Credited Service

Service is measured as the total number of years and completed months as a general employee with the City of Cooper City.

G. Compensation

Base compensation including pick-up contributions for all straight time hours worked, but excluding bonuses, overtime, any other non-regular payments and lump sum payments of unused leave.

H. Final Monthly Compensation (FMC)

The average of Compensation over the highest 3 years of Credited Service.

I. Normal Retirement

Eligibility: A member may retire on the first day of the month coincident with or next following age 55 and 6 years of Credited Service.

Benefit: 2.5% of FMC multiplied by Credited Service. In addition, members will receive a monthly supplemental benefit equal to \$20 multiplied by Credited Service. For those who became BSO employees, the multiplier is 1% for service before 10/1/81, 1.75% from 10/1/81 through 9/30/93, and 2% thereafter unless the employee chose to purchase a higher multiplier of 2.25%.

Normal Form of Benefit: Single Life Annuity; other options are also available.

COLA: None

J. Early Retirement

Eligibility: A member may elect to retire earlier than the Normal Retirement Eligibility upon attainment of age 53 and 10 years of Credited Service.

Benefit: The Normal Retirement Benefit is reduced by 4.0% for each year by which the Early Retirement date precedes the Normal Retirement date.

Normal Form of Benefit: Single Life Annuity; other options are also available.

COLA: None

K. Delayed Retirement

Same as Normal Retirement taking into account compensation earned and service credited until the date of actual retirement.

L. Service Connected Disability

Eligibility: Any member who becomes totally and permanently disabled and unable to perform regular and continuous duties for the City as a result of an act occurring in the performance of service for the City is immediately eligible for a disability benefit.

Benefit: The accrued Normal Retirement Benefit taking into account compensation earned and service credited as of the date of disability. There will be no actuarial reduction for the period of time that the date of disability precedes the Normal Retirement date.

Normal Form of Benefit: Payable until death or recovery from disability.

COLA: None

M. Non-Service Connected Disability

Eligibility: Any member who has 10 years of Credited Service and becomes totally and permanently disabled and unable to perform regular and continuous duties for the City is immediately eligible for a disability benefit.

Benefit: The accrued Normal Retirement Benefit taking into account compensation earned and service credited as of the date of disability. There will be no actuarial reduction for the period of time that the date of disability precedes Normal Retirement date.

Normal Form of Benefit: Payable until death or recovery from disability.

COLA: None

N. Death in the Line of Duty

Eligibility: Members are eligible for survivor benefits after the completion of 6 or more years of Credited Service.

Benefit: Benefit is payable as though the member had retired on the date of death and elected the 100% Joint & Survivor option; other options are also available.

Normal Form of Benefit: Benefit is payable for the life of the beneficiary.

COLA: None

The beneficiary of a plan member with less than 6 years of Credited Service at the time of death will receive a refund of the member's accumulated contributions with interest.

O. Other Pre-Retirement Death

Eligibility: Members are eligible for survivor benefits after the completion of 6 or more years of Credited Service.

Benefit: Benefit is payable as though the member had retired on the date of death and elected the 100% Joint & Survivor option; other options are also available.

Normal Form of Benefit: Benefit is payable for the life of the beneficiary.

COLA: None

The beneficiary of a plan member with less than 6 years of Credited Service at the time of death will receive a refund of the member's accumulated contributions with interest.

P. Post Retirement Death

Benefit determined by the form of benefit elected upon retirement.

Q. Optional Forms

In lieu of electing the Normal Form of benefit, the optional forms of benefits available to all retirees are the 10 Year Certain and Life thereafter and Joint and Last Survivor options.

R. Vested Termination

Eligibility: A member has earned a non-forfeitable right to Plan benefits after the completion of 6 years of Credited Service.

Benefit: The benefit is the member's accrued Normal Retirement Benefit as of the date of termination. Benefit begins on the member's Normal Retirement date.

Normal Form of Benefit: Single Life Annuity; other options are also available.

COLA: None

Members terminating employment with less than 6 years of Credited Service will receive a refund of their own accumulated contributions with interest.

S. Refunds

Eligibility: All members terminating employment with less than 6 years of Credited Service are eligible. Optionally, vested members (those with 6 or more years of Credited Service) may elect a refund in lieu of the vested benefits otherwise due.

Benefit: Refund of the member's contributions with interest. Interest is currently credited at a rate of 6.00%.

T. Member Contributions

10.43% of Compensation for City Employees

0% for BSO Employees

U. Employer Contributions

Any additional amount determined by the actuary needed to fund the plan properly according to State laws.

V. Cost of Living Increases

Not Applicable

W. Changes from Previous Valuation

There have been no changes in Benefits since the previous valuation

X. 13th Check

Not Applicable

Y. Deferred Retirement Option Plan

Eligibility: Plan members who have attained age 55 and 6 years of Credited Service are eligible for the DROP.

Benefit: The member's Credited Service and FMC are frozen upon entry into the DROP. The monthly retirement benefit as described under Normal Retirement is calculated based upon the frozen Credited Service and FMC.

**Maximum
DROP Period:** 5 years

Interest

Credited: The member's DROP account is credited at an interest rate based upon the option chosen by the member. Members elect from the following options:

- (1) Gain or loss at the same rate earned by the Plan, or
- (2) Gain or loss at the rate earned by a self-directed investment account.

Normal Form

of Benefit: Members elect one following options:

- (1) A single lump sum,
- (2) annual installments,
- (3) equal monthly installments,
- (4) combination of lump sum and periodic payments
- (5) direct rollover to another qualified retirement plan.

COLA: None

Z. Other Ancillary Benefits

There are no ancillary retirement type benefits not required by statutes but which might be deemed a City of Cooper City General Employees' Retirement Plan liability if continued beyond the availability of funding by the current funding source.