# CITY OF NAPLES GENERAL RETIREMENT SYSTEM 

## ACTUARIAL VALUATION REPORT AS OF OCTOBER 1, 2013

November 25, 2013
Board of Trustees
City of Naples General Employees' Retirement System c/o City of Naples Finance Department
$7358^{\text {th }}$ Street, South
Naples, FL 34102
Re: City of Naples General Retirement System

Dear Board:
We are pleased to present to the Board this report of the annual actuarial valuation of the City of Naples General Retirement System. The valuation was performed to determine whether the assets and contributions are sufficient to provide the prescribed benefits and to develop the appropriate funding requirements for the applicable plan year.

The valuation has been conducted in accordance with generally accepted actuarial principles and practices, including the applicable Actuarial Standards of Practice as issued by the Actuarial Standards Board, and reflects laws and regulations issued to date pursuant to the provisions of Chapter 112, Florida Statutes, as well as applicable federal laws and regulations. In our opinion, the assumptions used in this valuation, as adopted by the Board of Trustees, represent reasonable expectations of anticipated plan experience.

In conducting the valuation, we have relied on personnel, plan design, and asset information supplied by the Board of Trustees, financial reports prepared by the custodian bank, and the actuarial assumptions and methods described in the Actuarial Assumptions section of this report. While we cannot verify the accuracy of all this information, the supplied information was reviewed for consistency and reasonableness. As a result of this review, we have no reason to doubt the substantial accuracy of the information and believe that it has produced appropriate results. This information, along with any adjustments or modifications, is summarized in various sections of this report.

The undersigned is familiar with the immediate and long-term aspects of pension valuations, and meets the Qualification Standards of the American Academy of Actuaries necessary to render the actuarial opinions contained herein. All of the sections of this report are considered an integral part of the actuarial opinions.

To our knowledge, no associate of Foster \& Foster, Inc. working on valuations of the program has any direct financial interest or indirect material interest in the City of Naples, nor does anyone at Foster \& Foster, Inc. act as a member of the Board of Trustees of the City of Naples General Retirement System. Thus, there is no relationship existing that might affect our capacity to prepare and certify this actuarial report.

If there are any questions, concerns, or comments about any of the items contained in this report, please contact me at 239-433-5500.

Respectfully submitted,
Foster \& Foster, Inc.

By:


Douglas H. Lozen, EA, MAAA
Enrolled Actuary \#11-7778
DHL/lke

Enclosures

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## SUMMARY OF REPORT

The regular annual actuarial valuation of the City of Naples General Retirement System, performed as of October 1,2013, has been completed, and the results are presented in this Report. The contribution amounts set forth herein are applicable to the City's plan/fiscal year ending September 30, 2015.

The funding requirements, compared with the amounts developed in the October 1, 2012, actuarial valuation, are as follows:

Valuation Date
Applicable Plan Year End

Total Required Contribution \% of Total Annual Payroll

Member Contributions (Est.) \% of Total Annual Payroll

City Required Contribution ${ }^{1}$
\% of Total Annual Payroll
10/1/12
9/30/14
$16.99 \%$
$17.44 \%$

| Member Contributions (Est.) |  |  |
| :--- | :--- | :--- |
| \% of Total Annual Payroll | $4.67 \%$ | $4.52 \%$ |

$12.32 \%$
$12.92 \%$

[^0]Experience since the last valuation has been more favorable than expected, relative to the Plan's actuarial assumptions. The primary sources of favorable experience included a $9.3 \%$ net-of-fees investment return (Actuarial Asset Basis), exceeding the 7.5\% assumption, average increases in pensionable compensation that were below the assumption by almost $5 \%$, and greater than expected Retiree mortality.

In spite of the net favorable experience, the City's funding rate has increased slightly, resulting from a decrease in the payroll growth assumption utilized for amortization of the Unfunded Actuarial Accrued Liability (UAAL). This decrease has resulted in a larger
required contribution for servicing the UAAL.

The balance of this Report presents additional details of the actuarial valuation and the general operation of the Fund. The undersigned would be pleased to meet with the Board of Trustees in order to discuss the Report and answer any pending questions concerning its contents.

Respectfully submitted,
FOSTER \& FOSTER, INC.


## Plan Changes Since Prior Valuation

There have been no changes in benefits since the prior valuation.

## Actuarial Assumption/Method Changes Since Prior Valuation

Mortality rates are based on the RP 2000 Combined Healthy Table, projected to October 1, 2013 using Scale AA. The prior valuation projected rates to October 1, 2012 using Scale AA.

In order to comply with Part VII of Chapter 112, Florida Statutes, the payroll growth assumption utilized for purposes of amortizing the Unfunded Actuarial Accrued Liability has decreased from $4.2 \%$ to $3.5 \%$ per year.
A. Participant Data
Number IncludedActives 305302
Service Retirees ..... 211 ..... 211
DROP Retirees ..... 00
Beneficiaries ..... 16 ..... 15
Terminated Vested 22 ..... 22
Disability Retirees 11
Total ..... 555551
Total Annual Payroll ..... $\$ 15,986,671$$\$ 15,661,751$
Annual Rate of Payments to:
Service Retirees ..... 3,070,673 ..... 2,884,093
DROP Retirees ..... 0 ..... 0
Beneficiaries ..... 133,346 ..... 126,876
Terminated Vested ..... 267,763 ..... 277,393
Disability Retirees ..... 10,171 ..... 10,171
B. Assets
Actuarial Value 42,970,744 ..... 40,286,392
Market Value 46,745,38642,141,195
C. Liabilities
Present Value of Benefits
Active Members
Retirement Benefits
Disability Benefits ..... 33,357,739 ..... 32,318,259 ..... 849,649 ..... 857,249
Death Benefits
Vested Benefits
Refund of Contributions341,991328,8661,574,6001,649,917
Service Retirees637,042585,659
DROP Retirees29,440,19927,928,229
Beneficiaries 1,128,0631,100,498
Terminated Vested2,118,9552,122,480
Disability Retirees88,70190,429
Total69,536,93966,981,586
10/1/201310/1/2012
C. Liabilities - (Continued)
Present Value of Future Salaries ..... 120,250,137 ..... 120,369,100
Present Value of Future Member Cont. ..... 5,440,2155,624,471
Normal Cost (Entry Age Normal)
Retirement Benefits ..... 1,146,3211,108,675
Disability Benefits ..... 42,289 ..... 42,425
Death Benefits20,93820,089
Vested Benefits 142,767 ..... 152,814
Refund of Contributions 90,38388,103
Total Normal Cost
Present Value of Future Normal Costs8,922,9171,412,106
Actuarial Accrued LiabilityRetirement BenefitsDisability Benefits26,026,306598,372Death BenefitsVested BenefitsRefund of Contributions192,7638,963,897Inactives
Total Actuarial Accrued Liability783,076

$$
60,614,022
$$

Unfunded Actuarial Accrued Liability (UAAL)17,643,27824,977,983
596,580183,725
799,485

$$
237,587
$$218,280

32,775,91831,241,63658,017,689$17,731,297$
D. Actuarial Present Value of Accrued Benefits
Vested Accrued Benefits
Inactives ${ }^{1}$ ..... 32,775,918
Actives 16,981,632
Member Contributions 6,983,55231,241,63616,433,287
Total56,741,1026,473,722
Non-vested Accrued Benefits1,256,75854,148,645
Total Present Value Accrued
57,997,8601,525,275
Benefits
Increase (Decrease) in Present Value of
Accrued Benefits Attributable to:
Plan Amendments ..... 0
Assumption Changes ..... 0
New Accrued Benefits ..... 1,785,229
Benefits Paid ..... $(3,505,381)$
Interest ..... 4,044,092
Other55,673,920
Valuation Date ..... 10/1/2013 ..... 10/1/2012
Applicable to the Fiscal Year Ending 9/30/2015 ..... 9/30/2014
E. Pension Cost
Normal Cost (with interest)
\% of Total Annual Payroll ${ }^{1}$ ..... 9.36 ..... 9.35
Administrative Expense (with interest) $\%$ of Total Annual Payroll ${ }^{1}$ ..... 0.82 ..... 0.87
Payment Required to Amortize
Unfunded Actuarial Accrued
Liability over 30 years (with interest) (as of $10 / 1 / 13$ ) \% of Total Annual Payroll ${ }^{1}$ 7.26 ..... 6.77
Total Required Contribution \% of Total Annual Payroll ${ }^{1}$ ..... 17.44 ..... 16.99
Expected Member Contributions
$\%$ of Total Annual Payroll ${ }^{1}$ ..... 4.52 ..... 4.67
Expected City \& State Contrib.
\% of Total Annual Payroll ${ }^{1}$ ..... 12.92 ..... 12.32
F. Past Contributions
Plan Years Ending: ..... 9/30/2013
Total Required Contribution ..... 2,609,323
City Requirement ..... 1,883,262
Actual Contributions Made:
Members ..... 726,061
City ..... 1,883,262Total2,609,323
G. Net Actuarial Gain (Loss) ..... 332,460
${ }^{1}$ Contributions developed as of $10 / 1 / 13$ are expressed as a percentage of totalannual projected payroll at $10 / 1 / 13$ of $\$ 15,986,671$

# H. Schedule Illustrating the Amortization of the Total Unfunded Actuarial Accrued Liability as of: 

Projected UnfundedYearAccrued Liability2013 ..... \$17,643,278
2014 ..... 17,763,797
2015 ..... 17,851,256
2025 ..... 15,841,631
2035

$$
4,780,414
$$

I. (i) 3 Year Comparison of Actual and Assumed Salary Increases

|  |  | Actual | Assumed |  |
| :--- | :--- | ---: | ---: | ---: |
|  |  |  |  |  |
| Year Ended | $9 / 30 / 2013$ | $2.2 \%$ | $7.0 \%$ |  |
| Year Ended | $9 / 30 / 2012$ | $-0.3 \%$ | $6.8 \%$ |  |
| Year Ended | $9 / 30 / 2011$ | $4.4 \%$ | $6.8 \%$ |  |

(ii) 3 Year Comparison of Investment Return on Actuarial Value
Actual Assumed

| Year Ended | $9 / 30 / 2013$ | $9.3 \%$ | $7.5 \%$ |
| :--- | ---: | ---: | :--- |
| Year Ended | $9 / 30 / 2012$ | $1.6 \%$ | $7.5 \%$ |
| Year Ended | $9 / 30 / 2011$ | $-0.6 \%$ | $7.5 \%$ |

(iii) Average Annual Payroll Growth
(a) Payroll as of:
10/1/2013
\$15,986,671
10/1/2003
11,296,813
(b) Total Increase
41.5\%
(c) Number of Years 10
(d) Average Annual Rate
3.5\%

## STATEMENT BY ENROLLED ACTUARY

This actuarial valuation 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 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.


Please let us know when the report is approved by the Board and unless otherwise directed we will provide a copy of the report to the following office to comply with Chapter 112 Florida Statutes:

Mr. Keith Brinkman
Bureau of Local
Retirement Systems
Post Office Box 9000
Tallahassee, FL 32315-9000

## RECONCILIATION OF UNFUNDED ACTUARIAL ACCRUED LIABILITIES

(1) Unfunded Actuarial Accrued Liability as of October 1, 2012 ..... \$17,731,297
(2) Sponsor Normal Cost developed as of October 1, 2012 ..... 680,702
(3) Expected Administrative Expenses during fiscal 2013 ..... 131,781
(4) Interest on (1), (2) and (3) ..... 1,385,842
(5) Sponsor Contributions to the System during the ..... 1,883,262year ending September 30, 2013
(6) Interest on (5) ..... 70,622
(7) Expected Unfunded Accrued Liability as of October 1, 2013 ..... 17,975,738
$(1)+(2)+(3)+(4)-(5)-(6)$
(8) Change to UAAL due to Experience Loss/(Gain)$(332,460)$
(9) Unfunded Accrued Liability as of October 1, 2013 ..... \$17,643,278

|  | Date <br> Established | Years <br> Remaining | $10 / 1 / 2013$ <br> Amount | Amortization Amount |
| :---: | :---: | :---: | :---: | :---: |
| Experience Loss | 10/1/2002 | 19 | 1,942,591 | 140,771 |
| Experience Loss | 10/1/2003 | 20 | 711,812 | 49,825 |
| Experience Loss | 10/1/2004 | 21 | 3,214,222 | 217,846 |
| Amendment | 10/1/2004 | 21 | 27,223 | 1,845 |
| Experience Gain | 10/1/2005 | 22 | $(2,092,894)$ | $(137,640)$ |
| Experience Gain | 10/1/2006 | 23 | $(202,482)$ | $(12,947)$ |
| Amendment | 10/1/2006 | 23 | 68,519 | 4,381 |
| Experience Loss | 10/1/2007 | 24 | 802,210 | 49,958 |
| Method/Assump Change | 10/1/2007 | 24 | 4,741,814 | 295,296 |
| Experience Loss | 10/1/2008 | 25 | 5,847,723 | 355,262 |
| Assump Changes | 10/1/2009 | 26 | $(32,905)$ | $(1,953)$ |
| Experience Loss | 10/1/2009 | 26 | 7,263,597 | 431,129 |
| Experience Loss | 10/1/2010 | 27 | 642,543 | 37,312 |
| Benefit Change | 10/1/2010 | 27 | $(9,161,196)$ | $(531,980)$ |
| Experience Loss | 10/1/2011 | 28 | 2,790,493 | 158,730 |
| Benefit Change | 10/1/2011 | 28 | 359,350 | 20,441 |
| Experience Loss | 10/1/2012 | 29 | 1,053,118 | 58,748 |
| Experience Gain | 10/1/2013 | 30 | $(332,460)$ | $(18,208)$ |
|  |  |  | 17,643,278 | 1,118,816 |

## DETAILED ACTUARIAL (GAIN)/LOSS ANALYSIS

(1) Unfunded Actuarial Accrued Liability (UAAL) as of October 1, 2012 ..... 17,731,297
(2) Expected UAAL as of October 1, 2013 ..... 17,975,738
(3) Summary of Actuarial (Gain)/Loss, by component:
Investment Return (Actuarial Asset Basis)$(716,881)$
Administrative Expenses ..... $(5,302)$
Retirement/DROP ..... 50,969
Employee Turnover ..... 33,240
Active Mortality ..... 44,399
Disability ..... 16,144
Inactive Mortality ..... $(208,410)$
Salary Increases ..... $(333,729)$
New Entrants ..... 2,768
DROP Earnings ..... 0
Change in Projection Date for Mortality Improvement ..... 96,849
Other (e.g. Funding Lag, Data Corrections) ..... 687,493
Increase in UAAL due to (Gain)/Loss ..... $(332,460)$
(4) Actual UAAL as of October 1, 2013 ..... 17,643,278

## ACTUARIAL ASSUMPTIONS AND METHODS

Mortality Rates RP-2000 Sex-Distinct Healthy Mortality Table, projected toValuation Date using Scale AA. Disabled lives are set forward5 years.

| Sample | Male | Female |
| :---: | :---: | :---: |
| 50 | 0.17\% | 0.13\% |
| 55 | 0.28\% | 0.24\% |
| 60 | 0.55\% | 0.47\% |
| 65 | 1.06\% | 0.91\% |
| 70 | 1.82\% | 1.57\% |
| 75 | 3.15\% | 2.53\% |
| 80 | 5.65\% | 4.19\% |

Interest Rate $7.50 \%$ per year, compounded annually, net of investment related expenses.
Termination Rates

| Sample <br> Ages | Years of <br> Service | \% of Active Members <br> Separating Within Next Year |
| :---: | :---: | :---: |
| ALL | 0 | $20.0 \%$ |
|  | 1 | $18.0 \%$ |
|  | 2 | $16.0 \%$ |
|  | 3 | $10.0 \%$ |
| 20 | 4 | $6.0 \%$ |
| 25 | $5+$ | $16.2 \%$ |
| 30 |  | $13.2 \%$ |
| 35 |  | $10.8 \%$ |
| 40 |  | $9.4 \%$ |
| 45 |  | $7.8 \%$ |
| 50 |  | $5.8 \%$ |
| $55+$ |  | $3.2 \%$ |
|  |  | $0.8 \%$ |

# Actuarial Asset Method 

Administrative Expenses ..... \$126,479.

## Administ 126,479

Funding Method

All assets are valued at market value with an adjustment made to uniformly spread actuarial investment gains and losses (as measured by actual market value investment return against expected market value investment return) over a five-year period.

## Disability Rates

Salary Increases
Years of
Service Increase
1 to 2 ..... 10.0\%

$3 \quad 9.5 \%$

4 8.5\%
5 ..... 8.0\%
6 ..... 7.5\%
7 to 8 ..... 7.0\%
9 ..... 6.0\%
10 to 19 ..... 5.5\%
20+ ..... 4.5\%

| Sample <br> Ages | \% Becoming Disabled <br> During the Year |
| :---: | :---: |
| 20 | $0.05 \%$ |
| 25 | $0.05 \%$ |
| 30 | $0.06 \%$ |
| 35 | $0.09 \%$ |
| 40 | $0.12 \%$ |
| 45 | $0.28 \%$ |
| 50 | $0.43 \%$ |

Normal Retirement Rates
Number of Years
After First Eligibility Probability ofFor Normal RetirementRetirement
0 ..... 25\%
1 ..... 25\%
2 ..... 50\%
3 ..... 50\%
4 ..... 60\%
5 ..... 80\%
6 ..... $100 \%$

For Members hired after September 30, 2011, 100\% retirement is assumed at the earlier of 1) Age 65 with 8 years of Credited Service, and 2) the completion of 33 years of Credited Service, regardless of Age.

# Early Retirement Rates Members are assumed to retire with an immediate subsidized benefit at the rate of $5 \%$ per year. <br> Payroll Growth <br> 3.5\% per year for amortization of the Unfunded Actuarial <br> Accrued Liability. The prior valuation utilized a $4.2 \%$ payroll growth assumption. 

## VALUATION NOTES

Total Annual Payroll is the projected annual rate of pay as of the valuation date for all covered Members.

> Present Value of Benefits is the single sum value on the valuation date of all future benefits to be paid to current Members, Retirees, Beneficiaries, Disability Retirees and Vested Terminations.

Normal (Current Year's) Cost is determined for each participant as the present value of future benefits, determined as of the Member's entry age, amortized as a level percentage of compensation over the anticipated number of years of participation, determined as of the entry age.

Individual Entry Age Normal Actuarial Cost Method (Level Percent of Compensation) is the method used to determine required contributions under the Plan. The use of this method involves the systematic funding of the Normal Cost (described above) and the Unfunded Accrued (Past Service) Liability. The actuarial accrued liability for active participants is the difference between the present value of future benefits and the present value of future Normal Costs. The actuarial accrued liability for inactive participants is the present value of future benefits.

Unfunded Actuarial Accrued Liability (UAAL) is the difference between the actuarial accrued liability (described above) and the actuarial value of assets. Under the Entry Age Normal Actuarial Cost Method, an actuarial gain or loss, based on actual versus expected UAAL, is determined in conjunction with each valuation of the plan.

Total Required Contribution is equal to the Normal Cost plus an amount sufficient to amortize the Unfunded Accrued Liability over no more than 30 years. The required amount is adjusted for interest according to the timing of contributions during the year.

ASSETS
Cash and Cash Equivalents:
Short Term Investments
Checking Account
Money Market (including DROP account)
Cash

Total Cash and Equivalents
Receivable:
Member Contributions in Transit 27,551.90
City Contributions in Transit
Total Receivable
Investments:
Fixed Income
Stocks
Pooled/Common/Commingled Funds:
Real Estate
Total Investments
TOTAL ASSETS
LIABILITIES AND NET ASSETS
Liabilities:
$\begin{array}{lll}\text { Prepaid Member Contributions } & 61.24 & 61.24\end{array}$
Prepaid City Contribution
Total Liabilities
Net Assets
TOTAL LIABILITIES AND NET ASSETS

COST VALUE
41,567.20
9,720.20
3,577,544.00
120.43
$3,628,951.83$

72,471.77
100,023.67

9,985,540.79
$25,155,926.84$
$2,000,000.00$
37,141,467.63
40,870,443.13
72.18
133.42
$40,870,309.71$
40,870,443.13

27,551.90

46,745,519.07
72.18
133.42

46,745,385.65
MARKET VALUE
42,551.60
9,720.20
3,577,544.00
120.43

3,629,936.23

72,471.77
100,023.67

10,137,302.59
30,681,763.12
2,196,493.46
43,015,559.17

46,745,519.07

## CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS <br> September 30, 2013 <br> Market Value Basis

## REVENUES

Contributions:
Member $\quad 726,060.84$3,002.37
City ..... 1,883,262.16
Total Contributions ..... 2,612,325.37
Earnings from Investments Interest \& Dividends ..... 1,057,684.98
Net Realized Gain (Loss) ..... 2,622,228.09
Unrealized Gain (Loss) ..... 2,191,214.21
Total Earnings and Investment Gains ..... 5,871,127.28
EXPENDITURES
Expenses:
Investment Related ${ }^{1}$ ..... 247,401.32
Administrative ..... 126,479.17
Total Expenses ..... 373,880.49
Distributions to Members:
Benefit Payments ..... 3,153,700.34
Lump Sum DROP Balances ..... 0.00
Termination Payments ..... 351,680.89
Total Distributions ..... 3,505,381.23
Change in Net Assets for the Year ..... 4,604,190.93
Net Assets Beginning of the Year ..... 42,141,194.72
Net Assets End of the Year ..... 46,745,385.65

[^1]
## ACTUARIAL ASSET VALUATION

September 30, 2013

Actuarial Assets for funding purposes are developed by recognizing the total actuarial investment gain or loss for each Plan Year over a five year period. In the first year, $20 \%$ of the gain or loss is recognized. In the second year $40 \%$, in the third year $60 \%$, in the fourth year $80 \%$, and in the fifth year $100 \%$ of the gain or loss is recognized. The actuarial investment gain or loss is defined as the actual return on investments minus the actuarial assumed investment return. Actuarial Assets shall not be less than $80 \%$ nor greater than $120 \%$ of Market Value of Assets.

## Gains/Losses Not Yet Recognized

Plan Year
Ending

Gain/Loss
Amounts Not Yet Recognized by Valuation Year

|  |  |
| :---: | :---: |
| $9 / 30 / 2009$ | $(1,823,443)$ |
| $9 / 30 / 2010$ | 401,923 |
| $9 / 30 / 2011$ | $(2,982,368)$ |
| $9 / 30 / 2012$ | $4,810,181$ |
| $9 / 30 / 2013$ | $2,501,369$ |

Total

| $(1,823,443)$ | 0 | 0 | 0 | 0 | 0 |
| :---: | ---: | :---: | ---: | :---: | ---: |
| 401,923 | 80,385 | 0 | 0 | 0 | 0 |
| $(2,982,368)$ | $(1,192,947)$ | $(596,474)$ | 0 | 0 | 0 |
| $4,810,181$ | $2,886,109$ | $1,924,072$ | 962,036 | 0 | 0 |
| $2,501,369$ | $2,001,095$ | $1,500,821$ | $1,000,548$ | 500,274 | 0 |
|  |  |  |  |  |  |
|  | $3,774,642$ | $2,828,419$ | $1,962,584$ | 500,274 | 0 |

Development of Investment Gain/Loss
Market Value of Assets (with DROP), 9/30/2012 42,141,195
Contributions Less Benefit Payments \& Admin Expenses $\quad(1,019,535)$
Expected Investment Earnings* 3,122,357
Actual Net Investment Earnings
5,623,726
2013 Actuarial Investment Gain/(Loss)
2,501,369
*Expected Investment Earnings $=0.075 *(42,141,195+.5 *-1,019,535)$

## Development of Actuarial Value of Assets

Market Value of Assets, 9/30/2013
(Gains)/Losses Not Yet Recognized Actuarial Value of Assets, 9/30/2013
(A) 9/30/2012 Actuarial Assets:
(I) Net Investment Income:

1. Interest and Dividends

|  | $1,057,685$ |
| :---: | ---: |
|  | $2,622,228$ |
|  | 271,375 |
|  | $(247,401)$ |
| Total | $3,703,887$ |

(B) 9/30/2013 Actuarial Assets:

42,970,744

$$
\begin{aligned}
& 46,745,386 \\
& (3,774,642) \\
& \hline
\end{aligned}
$$

42,970,744

40,286,392
2. Realized Gains (Losses)

2,622,228
3. Change in Actuarial Value 271,375
4. Investment Expenses

> Total

3,703,887

Market Value of Assets Rate of Return: $\quad 13.5 \%$
42,970,744

## CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

## September 30, 2013

Actuarial Asset Basis

## REVENUES

Contributions:
Member ..... 726,060.84
City ..... 1,883,262.16
Total Contributions ..... 2,612,325.37
Earnings from Investments
Interest \& Dividends ..... 1,057,684.98
Net Realized Gain (Loss) ..... 2,622,228.09
Change in Actuarial Value ..... 271,375.21
Total Earnings and Investment Gains ..... 3,951,288.28
EXPENDITURES
Expenses:
Investment Related ..... 247,401.32
Administrative ..... 126,479.17
Total Expenses ..... 373,880.49
Distributions to Members:
Benefit Payments ..... 3,153,700.34
Lump Sum DROP Balances ..... 0.00
Termination Payments ..... 351,680.89
Total Distributions ..... 3,505,381.23
Change in Net Assets for the Year ..... 2,684,351.93
Net Assets Beginning of the Year ..... 40,286,391.72
Net Assets End of the Year ${ }^{2}$ ..... 42,970,743.65

[^2]
## DEFERRED RETIREMENT OPTION PLAN ACTIVITY

 October 1, 2012 to September 30, 201309/30/2012 Balance ..... 0.00
Plus Additions ..... 0.00
Investment Return Earned ..... 0.00
Less Distributions ..... 0.00
09/30/2013 Balance ..... 0.00

## RECONCILIATION OF CITY'S PREPAID CONTRIBUTION FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2013

(1) Required City Contribution Rate ..... $12.26 \%$ (from the June 13, 2012 Actuarial Impact Statement)
(2) Pensionable Payroll derived from Member Contributions ..... \$15,361,029.07
(3) Required City Contribution (Item 1 times Item 2) ..... 1,883,262.16
(4) Less Actual City Contributions ..... $(1,883,334.34)$
(5) Equals City's Prepaid Contribution as of ..... $\$ 72.18$ September 30, 2013

## STATISTICAL DATA

|  | $10 / 1 / 2010$ |  | $10 / 1 / 2011$ |  | $10 / 1 / 2012$ |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  | 291 |  | 284 |  | 302 |
| Number | 48.5 |  | 48.2 |  | 47.1 |  |
| Average Current Age | 38.9 |  | 38.6 |  | 38.0 | 47.3 |
| Average Age at Employment | 9.6 |  | 9.6 |  | 9.1 | 38.0 |
| Average Past Service | $\$ 50,909$ |  | $\$ 51,313$ |  | $\$ 51,860$ | $\$ 52,415$ |

## AGE AND SERVICE DISTRIBUTION

## PAST SERVICE

| AGE | 0 | 1 | 2 | 3 | 4 | $5-9$ | $10-14$ | $15-19$ | $20-24$ | $25-29$ | $30+$ | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $15-19$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| $20-24$ | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| $25-29$ | 3 | 3 | 3 | 1 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 15 |
| $30-34$ | 2 | 9 | 4 | 0 | 1 | 14 | 1 | 0 | 0 | 0 | 0 | 31 |
| $35-39$ | 3 | 2 | 2 | 4 | 2 | 3 | 4 | 1 | 0 | 0 | 0 | 21 |
| $40-44$ | 2 | 4 | 2 | 3 | 2 | 14 | 4 | 2 | 0 | 0 | 0 | 33 |
| $45-49$ | 4 | 5 | 1 | 2 | 2 | 14 | 5 | 10 | 1 | 1 | 0 | 45 |
| $50-54$ | 2 | 7 | 5 | 1 | 1 | 16 | 12 | 8 | 6 | 3 | 2 | 63 |
| $55-59$ | 4 | 1 | 0 | 4 | 0 | 13 | 9 | 7 | 7 | 4 | 4 | 53 |
| $60-64$ | 1 | 1 | 1 | 1 | 1 | 16 | 3 | 4 | 2 | 1 | 0 | 31 |
| $65+$ | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 1 | 0 | 1 | 6 |

## VALUATION PARTICIPANT RECONCILIATION

## 1. Active lives

a. Number in prior valuation 10/1/12 ..... 302
b. Terminations
i. Vested (partial or full) with deferred ..... 4 *
benefits
ii. Non-vested or full lump sum distribution ..... 11 received
c. Deaths
i. Beneficiary receiving benefits ..... 0
ii. No future benefits payable ..... 0
d. Disabled ..... 0
e. Retired ..... 8
f. Entered DROP ..... 0
g. Voluntary withdrawal ..... 0
h. Continuing participants ..... 279
i. New entrants ..... 26
j. Total active life participants in valuation ..... 305
2. Non-Active lives (including beneficiaries receiving benefits)

|  | Service <br> Retirees, <br> Vested <br> Receiving <br> Benefits | Receiving <br> Death <br> Benefits | Receiving <br> Disability <br> Benefits | Vested <br> Deferred *$\underline{\text { DROP }}$ | $\underline{\text { Total }}$ |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| a. Number prior <br> valuation | 211 | 15 | 1 | 22 | 0 | 249 |
| b. In | 10 | 1 | 0 | 4 | 0 | 15 |
| c. Out | 10 | 0 | 0 | 4 | 0 | 14 |
| d. Number current <br> valuation | 211 | 16 | 1 | 22 | 0 | 250 |

[^3]
## GENERAL RETIREMENT SYSTEM SUMMARY OF PLAN PROVISIONS <br> (Through Ordinance 12-13142)

| Eligibility | Full-time General Employees hired prior to $3 / 1 / 95$ <br> enter the Plan on employment. Those hired after <br> $2 / 28 / 95$ enter following 6 months of service. |
| :--- | :--- |
| Compensation | Base pay, including holiday, vacation, longevity, <br> and sick pay, but excluding overtime and all other <br> pay. |
| $\underline{\text { Final Average Compensation }}$ | Average of Compensation paid during the eight (8) <br> highest consecutive years of service. The average <br> cannot be less than the three-year average <br> determined as of September 30, 2011. |
| Credited Service | Years and completed months of service as a General <br> Employee. Service for which the member received <br> a refund of contributions shall not be counted. |

## Normal Retirement

Date
Earlier of 1) the attainment of age 60 and the completion of 5 years of service, or 2) the date when age plus service equals 85 (Rule of 85 ).

For Members hired after September 30, 2011, the Normal Retirement Date is the earlier of 1) Age 65 with 8 years of Credited Service, or 2) the completion of 33 years of Credited Service, regardless of Age.

Benefit
The sum of the following:
a.) $2.5 \%$ of Final Average Compensation (using a three-year average, determined as of September 30, 2011) for each year of Credited Service as of September 30, 2011, plus
b.) $1.6 \%$ of Final Average Compensation (using an eight-year average) for Credited Service after September 30, 2011.

Form of Benefit

## Early Retirement

Date

Benefit

## Termination of Employment

Members hired before
October 1, 2011
Less Than 5 Years

5 to10 Years, But Less Than Age 50

10 or More Years or Upon
Attaining Age 50 and 5 Years

Members hired after
September 30, 2011
Less Than 8 Years

8 or More Years

Life annuity, ceasing upon death (options available).

The attainment of age 55 and the completion of 5 years of service.

Determined as for Normal Retirement, reduced 3\% per year for each year that the Early Retirement Date precedes age 60. The reduction is prorated monthly.

For Members hired after September 30, 2011, the reduction is $5 \%$ per year, for each year that the Early Retirement Date precedes age 65. The reduction is prorated monthly.

Return of member contributions with interest.

Return of member contributions with interest plus an amount equal to the accumulated contributions that would have existed had the member contributed at the rate contributed by the City.

Accrued monthly benefit payable at Normal or Early (reduced basis) Retirement Date, or return of member contributions with interest.

Return of member contributions with interest.
The accrued benefit, payable at the Normal (unreduced), or Early (reduced) Retirement Date.

## Pre-Retirement Death

# More than 5 Years and 6 Months 

## Deferred Retirement Option Plan

Eligibility

Participation
Rate of Return

## Form of Distribution

## Contributions

Non-union members who had 30 years of service in June, 2005.

Not to exceed 84 months.
Actual net rate of investment return realized by the system from the short term investment fund or money market fund in which the DROP account is invested.

Cash lump sum at termination of employment.
$5.0 \%$ of Compensation. The contribution rate is $3 \%$ for Members hired after September 30, 2011.

Remaining amount necessary to fund the Normal Cost and amortize the Unfunded Actuarial Accrued Liability over not more than 30 years.

Two Council appointees, three City Manager appointees, one retiree of the Plan elected by the membership, and a seventh Member elected by the other 6 who is a City resident.

## DISCLOSURE INFORMATION PER STATEMENT NO. 25 OF THE

 GOVERNMENTAL ACCOUNTING STANDARDS BOARDThe schedule provided below has been prepared in accordance with the requirements of paragraph 37 of Statement No. 25 of the Governmental Accounting Standards Board.

SCHEDULE OF FUNDING PROGRESS


The schedule provided below has been prepared in accordance with the requirements of paragraph 38 of Statement No. 25 of the Governmental Accounting Standards Board.

SCHEDULE OF CONTRIBUTIONS FROM THE EMPLOYER AND OTHER CONTRIBUTING ENTITIES
$\left.\begin{array}{ccccc}\begin{array}{c}\text { Year } \\ \text { Ended } \\ \text { September 30 }\end{array} & \begin{array}{c}\text { Annual } \\ \text { Required } \\ \text { Contribution }\end{array} & & \begin{array}{c}\text { City } \\ \text { Contribution }\end{array} & \end{array} \begin{array}{c}\text { Percentage } \\ \text { Contributed }\end{array}\right]$

## DISCLOSURE INFORMATION PER STATEMENT NO. 27 OF THE GOVERNMENTAL ACCOUNTING STANDARDS BOARD



## DISCLOSURE INFORMATION PER STATEMENT NO. 27 OF THE GOVERNMENTAL ACCOUNTING STANDARDS BOARD

DEVELOPMENT OF NET PENSION OBLIGATION (NPO)

This municipal Defined Benefit Plan has been subject to the minimum funding standards since adoption of the "Florida Protection of Public Employee Retirement Benefits Act" (Part VII of Chapter 112, Florida Statutes) in 1980. Accordingly, the sponsor has funded the actuarially determined required contributions for all years from October 1, 1987, through the transition date, October 1, 1997. Thus, the NPO on October 1, 1997, is 0.

The development of the Net Pension Obligation to date is as follows:

|  | 9/30/2011 | 9/30/2012 | 9/30/2013 |
| :---: | :---: | :---: | :---: |
| Actuarially Determined |  |  |  |
| Contribution (A) | 2,334,307 | 1,666,194 | 1,883,262 |
| Interest on NPO | $(76,757)$ | $(72,175)$ | $(74,274)$ |
| Adjustment to (A) | 137,847 | 44,199 | 45,484 |
| Annual Pension Cost | 2,395,397 | 1,638,218 | 1,854,472 |
| Contributions Made | 2,334,307 | 1,666,194 | 1,883,262 |
| Increase in NPO | 61,090 | $(27,976)$ | $(28,790)$ |
| NPO Beginning of Year | $(1,023,428)$ | $(962,338)$ | $(990,314)$ |
| NPO End of Year $\quad(1,023,428)$ | $(962,338)$ | $(990,314)$ | $(1,019,104)$ |


[^0]:    ${ }^{1}$ Please note that there is a City prepaid contribution of $\$ 72$ that may be utilized for the fiscal year ending September 30, 2014.

[^1]:    ${ }^{1}$ Investment Related expenses include investment advisory, custodial and performance monitoring fees.

[^2]:    ${ }^{1}$ Investment Related expenses include investment advisory, custodial and performance monitoring fees.
    ${ }^{2}$ Net Assets may be limited for actuarial consideration.

[^3]:    * Includes non-vested members awaiting a refund of contributions.

