

**Retirement Plan for the General Employees  
of the City of Williston**

**Actuarial Valuation  
As of October 1, 2022**

**Determines the Contribution  
For the 2022/23 Fiscal Year**



	<u>Page</u>
Discussion	1
 <b><u>Funding Results</u></b>	
Table I-A	Minimum Required Contribution I-1
Table I-B	Sensitivity Analysis I-2
Table I-C	Gain and Loss Analysis I-3
Table I-D	Present Value of Future Benefits I-4
Table I-E	Present Value of Accrued Benefits I-5
Table I-F	Present Value of Vested Benefits I-6
Table I-G	Entry Age Normal Accrued Liability I-7
 <b><u>Accounting Results</u></b>	
GASB 67/68 Supplement as of September 30, 2022	
 <b><u>Assets</u></b>	
Table II-A	Actuarial Value of Assets II-1
Table II-B	Market Value of Assets II-2
Table II-C	Investment Return II-3
Table II-D	Asset Reconciliation II-4
Table II-E	Historical Trust Fund Detail II-5
Table II-F	Other Reconciliations II-6
 <b><u>Data</u></b>	
Table III-A	Summary of Participant Data III-1
Table III-B	Data Reconciliation III-2
Table III-C	Active Participant Data III-3
Table III-D	Active Age-Service Distribution III-4
Table III-E	Active Age-Service-Salary Table III-5
Table III-F	Inactive Participant Data III-6
Table III-G	Projected Benefit Payments III-7
 <b><u>Methods &amp; Assumptions</u></b>	
Table IV-A	Summary of Actuarial Methods and Assumptions IV-1
Table IV-B	Changes in Actuarial Methods and Assumptions IV-3
 <b><u>Plan Provisions</u></b>	
Table V-A	Summary of Plan Provisions V-1
Table V-B	Summary of Plan Amendments V-5



March 14, 2023

## Introduction

This report presents the results of the October 1, 2022 actuarial valuation for the Retirement Plan for the General Employees of the City of Williston. The report is based on the participant data and asset information provided by the pension plan administrator and, except for a cursory review for reasonableness including a comparison to the data provided for the previous valuation, we have not attempted to verify the accuracy of this information.

The primary purpose of this report is to provide a summary of the funded status of the plan as of October 1, 2022 and to determine the minimum required contribution under Chapter 112, Florida Statutes, for the 2022/23 plan year. In addition, this report provides a projection of the long-term funding requirements of the plan, statistical information concerning the assets held in the trust, statistical information concerning the participant population, and a summary of any recent plan changes.

The liabilities and cost presented in this report are based on numerous assumptions concerning the cost of benefits to be provided in the future, long-term investment returns, and the future demographic experience of the current participants. Anyone referring to this report should remember that the cost developed herein is only an *estimate* of the true cost of providing post-employment pension benefits. No one can predict with certainty whether the true cost will be higher or lower than the cost presented in this report. The calculated cost is entirely dependent upon the assumptions that are described in Table IV-A. If any of the assumptions is changed, then the cost shown in this report will change accordingly. Likewise, if any of the assumptions is not completely realized, then the cost shown in this report will change in the future.

Certain assumptions play a bigger role than others in determining the cost of the post-employment pension benefits. In some cases, relatively small changes in a particular assumption can have a dramatic impact on the anticipated cost of benefits. Although a thorough analysis of the impact of such changes is beyond the scope of this report, Table I-B illustrates the impact that alternative long-term investment returns would have on the contribution rate.

## Minimum Required Contribution

Table I-A shows the development of the minimum required contribution for the 2022/23 plan year. The minimum required contribution rate is 7.27% of payroll, which represents an increase of 7.27% of payroll from the prior valuation.

The normal cost rate is 7.01%, as compared to a rate of zero determined in the prior valuation. Table I-C provides a breakdown of the sources of change in the normal cost rate. Significantly, the rate increased by 7.78% due to investment losses and decreased by 0.77% of payroll due to demographic experience. The market value of assets lost 13.15% during the 2021/22 plan year, whereas a 7.00% annual investment return was required to maintain a stable contribution rate.



Chapter 112, Florida Statutes, sets forth the rules concerning the minimum required contribution for public pension plans within the state. Essentially, the City must contribute an amount equal to the annual normal cost of the plan, adjusted as necessary for administrative expenses and to reflect interest on any delayed payment of the contribution beyond the valuation date. On this basis, the City's 2022/23 minimum required contribution will be zero.

Based on the current assets, participant data, and actuarial assumptions and methods that are used to value the plan, the present-day value of the total long-term funding requirement is \$6,011,492. As illustrated in Table I-A, current assets are sufficient to cover \$4,347,163 of this amount, the employer's 2022/23 contribution is expected to cover \$108,829 of this amount, and future employee contributions are expected to cover \$692,822 of this amount, leaving \$862,678 to be covered by future employer funding beyond the 2022/23 fiscal year. Again, demographic and investment experience that differs from that assumed will either increase or decrease the future employer funding requirement.

### Advance Employer Contribution

The City has made contributions to the plan in excess of the minimum amount that was required to be contributed pursuant to Chapter 112. In this report, the excess contributions are referred to as an "advance employer contribution." As of October 1, 2022, the advance employer contribution is \$303,795, which reflects the advance employer contribution of \$268,535 as of October 1, 2021 plus \$35,260 of actual employer contributions in excess of the minimum required contribution for the 2021/22 plan year as shown in Table II-F.

The City may apply all or any portion of the advance employer contribution towards the minimum required contribution for the 2022/23 plan year or for any later plan year. The minimum required contribution for that plan year will be reduced dollar-for-dollar by the amount of the advance employer contribution that is applied in this manner. Alternatively, at any time, the City may apply all or any portion of the advance employer contribution as an extra contribution in excess of the minimum required contribution.

### Identification and Assessment of Risk

The liabilities and cost presented in this report are based on numerous assumptions concerning the cost of benefits to be provided in the future, long-term investment returns, and the future demographic experience of the current participants. Anyone referring to this report should remember that the cost developed herein is only an estimate of the true cost of providing post-employment pension benefits. No one can predict with certainty whether the true cost will be higher or lower than the cost presented in this report. The calculated cost is entirely dependent upon the assumptions that are described in Table IV-A. If any of the assumptions is changed, then the cost shown in this report will change accordingly. Likewise, there is always a risk that, should these assumptions not be realized, the liabilities of the plan, the contributions required to fund the plan, and the funded status of the plan may be significantly different than the amounts shown in this report.

Although a thorough analysis of the risk of not meeting the assumptions is beyond the scope of this report, this discussion is intended to identify the significant risks faced by the plan. In some cases, a more detailed review of the risks, including numerical analysis, may be appropriate to help the plan sponsor and other interested parties assess the specific impact



of not realizing certain assumptions. For example, Table I-B illustrates the impact that alternative long-term investment returns would have on the contribution rate. Note that this report is not intended to provide advice on the management or reduction of the identified risks nor is this report intended to provide investment advice.

The most significant risk faced by most defined benefit pension plans is investment risk, i.e. the risk that long-term investment returns will be less than assumed. Other related risks include a risk that, if the investments of the plan decline dramatically over a short period of time (such as occurred with many pension plans in 2008), the plan's assets may not have sufficient time to recover before benefits become due. Even if the assets of the plan grow in accordance with the assumed investment return over time, if benefit payments are expected to be large in the short-term (for example, if the plan provides an actuarial equivalent lump sum payment option and a large number of participants are expected to become entitled to such a lump sum in the near future), the plan's assets may not be sufficient to support such a high level of benefit payments. We have provided a 10-year projection of the expected benefit payments in Table III-G to help the Trustees in formulating an investment policy that is expected to provide an investment return that meets both the short- and long-term cash flow needs of the pension plan.

Another source of risk is demographic experience. This is the risk that participants will receive salary increases that are different than the amount assumed, that participants will retire, become disabled, or terminate their employment at a rate that is different than assumed, and that participants will live longer than assumed, just to cite a few examples of the demographic risk faced by the plan. Although for most pension plans, the demographic risk is not as significant as the investment risk, particularly in light of the fact that the mortality assumption includes a component for future life expectancy increases, the demographic risk can nevertheless be a significant contributing factor to liabilities and contribution rates that become higher than anticipated.

A third source of risk is the risk that the plan sponsor (or other contributing entities) will not make, or will not have the ability to make, the contributions that are required to keep the plan funded at a sufficient level. Material changes in the number of covered employees, covered payroll, and, in some cases, hours worked by active participants can also significantly impact the plan's liabilities and the level of contributions received by the plan.

Finally, an actuarial funding method has been used to allocate the gap between projected liabilities and assets to each year in the future. The contribution rate under some funding methods is higher during the early years of the plan and then is lower during the later years of the plan. Other funding methods provide for lower contribution rates initially, with increasing contribution rates over time.

The Trustees have adopted the aggregate funding method for this plan, which is expected to result in a contribution rate that is level as a percentage of payroll over the working life of the plan's active participants. A brief description of the actuarial funding method is provided in Table IV-A.

#### Refund of Participant Contributions

It is our understanding that there are 54 participants who are due a refund of their contributions. We have estimated the accumulated amount of their refunds to be \$71,755 as of October 1, 2022. The average amount owed to these individuals



is \$1,329 each. We recommend that the accumulated contributions be distributed to these individuals if possible in order to simplify the administration of the plan and to reduce future administrative costs.

### Contents of the Report

Tables I-D through I-G provide a detailed breakdown of various liability amounts by type of benefit and by participant group. Tables II-A through II-F provide information concerning the assets of the trust fund, including a development of the actuarial value of assets. Tables III-A through III-G provide statistical information concerning the plan's participant population. In particular, Table III-G gives a 10-year projection of the cash that is expected to be required from the trust fund in order to pay benefits to the current group of participants. Finally, Tables IV-A through V-B provide a summary of the actuarial assumptions and methods that are used to value the plan's benefits and of the relevant plan provisions as of October 1, 2022, as well as a summary of the changes that have occurred since the previous valuation report was prepared.

### Certification

This actuarial valuation was prepared 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 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 change in plan costs or required contribution rates have been taken into account in the valuation.

For the firm,

*Charles T. Carr*

Charles T. Carr  
Consulting Actuary  
Southern Actuarial Services Company, Inc.

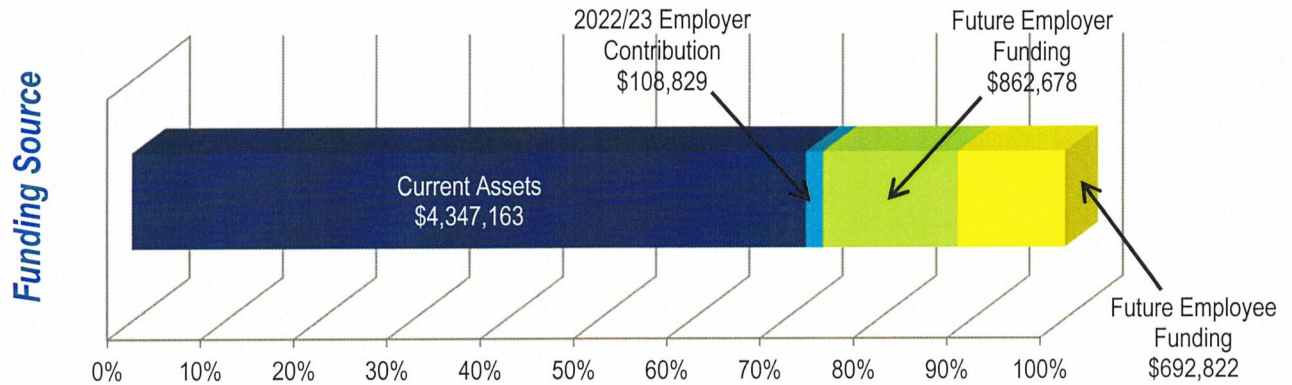
Enrolled Actuary No. 23-04927

*The individual above is a member of the American Academy of Actuaries and meets the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.*



Minimum Required Contribution

Table I-A



**For the 2022/23 Plan Year**

Present Value of Future Benefits	\$5,879,210
Present Value of Future Administrative Expenses	\$132,282
Actuarial Value of Assets	(\$4,347,163)
Present Value of Future Employee Contributions	(\$692,822)
Present Value of Future Normal Costs	\$971,507
<hr/>	
Present Value of Future Payroll	÷ \$13,856,448
Normal Cost Rate	= 7.0112%
Expected Payroll	x \$1,496,641
<hr/>	
Normal Cost	\$104,933
Adjustment to Reflect Monthly Employer Contributions	\$3,896
Preliminary Employer Contribution for the 2022/23 Plan Year	\$108,829
<hr/>	
Expected Payroll for the 2022/23 Plan Year	÷ \$1,496,641

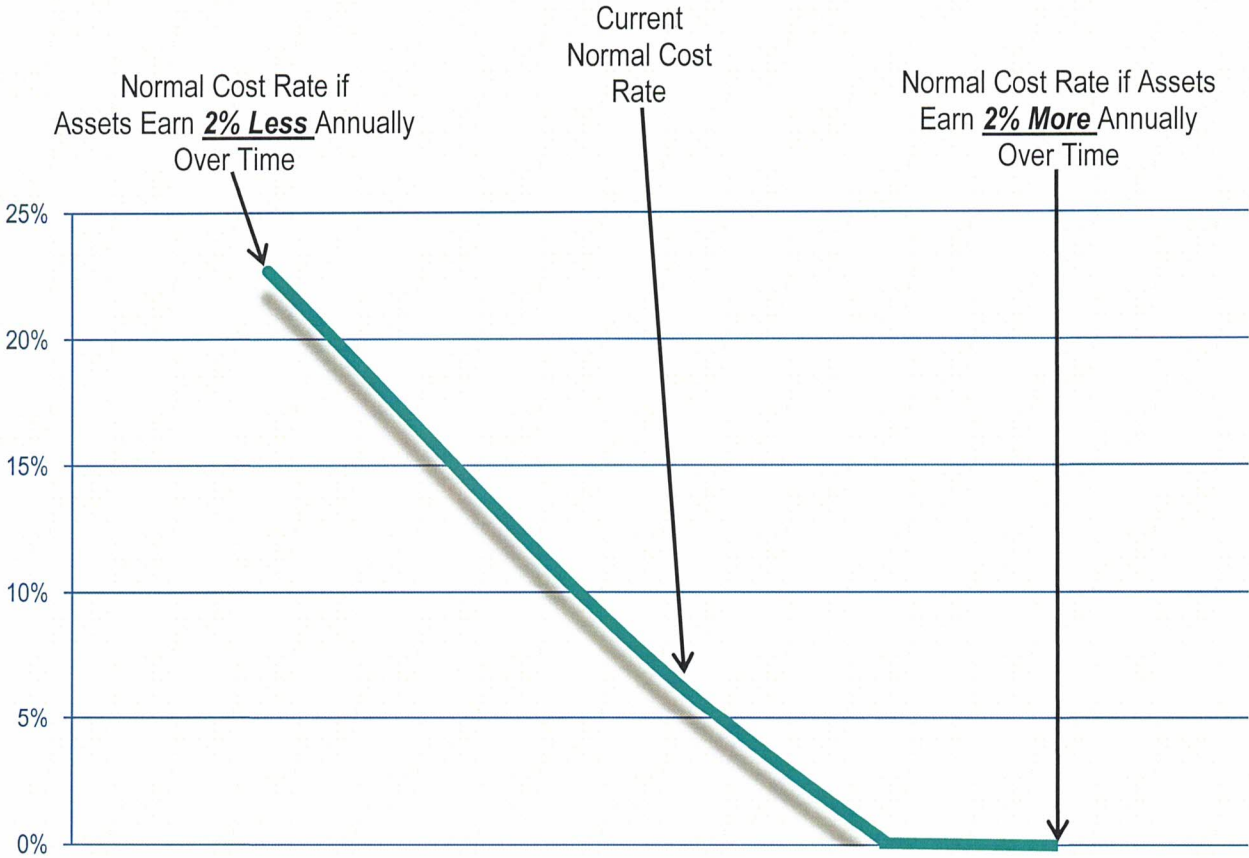
**Minimum Required Contribution Rate** 7.27%

*(The actual contribution should be based on the minimum required contribution rate multiplied by the actual payroll for the year.)*



Sensitivity Analysis

Table I-B



The line above illustrates the sensitivity of the normal cost rate to changes in the long-term investment return.



Gain and Loss Analysis

Table I-C

Previous normal cost rate	0.00%
Increase (decrease) due to investment gains and losses	7.78%
Increase (decrease) due to demographic experience	-0.77% *
Increase (decrease) due to plan amendments	0.00%
Increase (decrease) due to actuarial assumption changes	0.00%
Increase (decrease) due to actuarial method changes	0.00%
Current normal cost rate	<u>7.01%</u>

\* balancing item



## Present Value of Future Benefits

Table I-D

	Old Assumptions <u>w/o Amendment</u>	Old Assumptions <u>w/ Amendment</u>	New Assumptions <u>w/ Amendment</u>
<i><u>Actively Employed Participants</u></i>			
Retirement benefits	\$3,224,278	\$3,224,278	\$3,224,278
Termination benefits	\$161,734	\$161,734	\$161,734
Disability benefits	\$54,384	\$54,384	\$54,384
Death benefits	\$56,382	\$56,382	\$56,382
Refund of employee contributions	\$20,122	\$20,122	\$20,122
Sub-total	<b>\$3,516,900</b>	<b>\$3,516,900</b>	<b>\$3,516,900</b>
<i><u>Deferred Vested Participants</u></i>			
Retirement benefits	\$626,246	\$626,246	\$626,246
Termination benefits	\$0	\$0	\$0
Disability benefits	\$0	\$0	\$0
Death benefits	\$0	\$0	\$0
Refund of employee contributions	\$0	\$0	\$0
Sub-total	<b>\$626,246</b>	<b>\$626,246</b>	<b>\$626,246</b>
<i><u>Due a Refund of Contributions</u></i>	<b>\$71,755</b>	<b>\$71,755</b>	<b>\$71,755</b>
<i><u>Deferred Beneficiaries</u></i>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<i><u>Retired Participants</u></i>			
Service retirements	\$1,575,031	\$1,575,031	\$1,575,031
Disability retirements	\$0	\$0	\$0
Beneficiaries receiving	\$89,278	\$89,278	\$89,278
DROP participants	\$0	\$0	\$0
Sub-total	<b>\$1,664,309</b>	<b>\$1,664,309</b>	<b>\$1,664,309</b>
<i><u>Grand Total</u></i>	<b><u>\$5,879,210</u></b>	<b><u>\$5,879,210</u></b>	<b><u>\$5,879,210</u></b>
Present Value of Future Payroll	\$13,856,448	\$13,856,448	\$13,856,448
Present Value of Future Employee Contribs.	\$692,822	\$692,822	\$692,822
Present Value of Future Employer Contribs.	\$971,507	\$971,507	\$971,507



Present Value of Accrued Benefits

Table I-E

	<u>Old Assumptions w/o Amendment</u>	<u>Old Assumptions w/ Amendment</u>	<u>New Assumptions w/ Amendment</u>
<i><u>Actively Employed Participants</u></i>			
Retirement benefits	\$871,553	\$871,553	\$871,553
Termination benefits	\$40,898	\$40,898	\$40,898
Disability benefits	\$14,562	\$14,562	\$14,562
Death benefits	\$14,794	\$14,794	\$14,794
Refund of employee contributions	\$9,935	\$9,935	\$9,935
Sub-total	<b>\$951,742</b>	<b>\$951,742</b>	<b>\$951,742</b>
<i><u>Deferred Vested Participants</u></i>			
Retirement benefits	\$626,246	\$626,246	\$626,246
Termination benefits	\$0	\$0	\$0
Disability benefits	\$0	\$0	\$0
Death benefits	\$0	\$0	\$0
Refund of employee contributions	\$0	\$0	\$0
Sub-total	<b>\$626,246</b>	<b>\$626,246</b>	<b>\$626,246</b>
<i><u>Due a Refund of Contributions</u></i>	<b>\$71,755</b>	<b>\$71,755</b>	<b>\$71,755</b>
<i><u>Deferred Beneficiaries</u></i>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<i><u>Retired Participants</u></i>			
Service retirements	\$1,575,031	\$1,575,031	\$1,575,031
Disability retirements	\$0	\$0	\$0
Beneficiaries receiving	\$89,278	\$89,278	\$89,278
DROP participants	\$0	\$0	\$0
Sub-total	<b>\$1,664,309</b>	<b>\$1,664,309</b>	<b>\$1,664,309</b>
<i><u>Grand Total</u></i>	<b><u>\$3,314,052</u></b>	<b><u>\$3,314,052</u></b>	<b><u>\$3,314,052</u></b>

Funded Percentage 140.34% 140.34% 140.34%

(Note: Funded percentage is equal to the ratio of the usable portion of the market value of assets divided by the present value of accrued benefits.)



Present Value of Vested Benefits

Table I-F

	<u>Old Assumptions w/o Amendment</u>	<u>Old Assumptions w/ Amendment</u>	<u>New Assumptions w/ Amendment</u>
<i><u>Actively Employed Participants</u></i>			
Retirement benefits	\$843,707	\$843,707	\$843,707
Termination benefits	\$27,094	\$27,094	\$27,094
Disability benefits	\$14,488	\$14,488	\$14,488
Death benefits	\$12,969	\$12,969	\$12,969
Refund of employee contributions	\$28,371	\$28,371	\$28,371
Sub-total	<b>\$926,629</b>	<b>\$926,629</b>	<b>\$926,629</b>
<i><u>Deferred Vested Participants</u></i>			
Retirement benefits	\$626,246	\$626,246	\$626,246
Termination benefits	\$0	\$0	\$0
Disability benefits	\$0	\$0	\$0
Death benefits	\$0	\$0	\$0
Refund of employee contributions	\$0	\$0	\$0
Sub-total	<b>\$626,246</b>	<b>\$626,246</b>	<b>\$626,246</b>
<i><u>Due a Refund of Contributions</u></i>	<b>\$71,755</b>	<b>\$71,755</b>	<b>\$71,755</b>
<i><u>Deferred Beneficiaries</u></i>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<i><u>Retired Participants</u></i>			
Service retirements	\$1,575,031	\$1,575,031	\$1,575,031
Disability retirements	\$0	\$0	\$0
Beneficiaries receiving	\$89,278	\$89,278	\$89,278
DROP participants	\$0	\$0	\$0
Sub-total	<b>\$1,664,309</b>	<b>\$1,664,309</b>	<b>\$1,664,309</b>
<i><u>Grand Total</u></i>	<b><u>\$3,288,939</u></b>	<b><u>\$3,288,939</u></b>	<b><u>\$3,288,939</u></b>



## Entry Age Normal Accrued Liability

## Table I-G

	Old Assumptions w/o Amendment	Old Assumptions w/ Amendment	New Assumptions w/ Amendment
<i><u>Actively Employed Participants</u></i>			
Retirement benefits	\$1,348,664	\$1,348,664	\$1,348,664
Termination benefits	\$60,287	\$60,287	\$60,287
Disability benefits	\$22,407	\$22,407	\$22,407
Death benefits	\$23,556	\$23,556	\$23,556
Refund of employee contributions	\$9,885	\$9,885	\$9,885
Sub-total	<b>\$1,464,799</b>	<b>\$1,464,799</b>	<b>\$1,464,799</b>
<i><u>Deferred Vested Participants</u></i>			
Retirement benefits	\$626,246	\$626,246	\$626,246
Termination benefits	\$0	\$0	\$0
Disability benefits	\$0	\$0	\$0
Death benefits	\$0	\$0	\$0
Refund of employee contributions	\$0	\$0	\$0
Sub-total	<b>\$626,246</b>	<b>\$626,246</b>	<b>\$626,246</b>
<i><u>Due a Refund of Contributions</u></i>	<b>\$71,755</b>	<b>\$71,755</b>	<b>\$71,755</b>
<i><u>Deferred Beneficiaries</u></i>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<i><u>Retired Participants</u></i>			
Service retirements	\$1,575,031	\$1,575,031	\$1,575,031
Disability retirements	\$0	\$0	\$0
Beneficiaries receiving	\$89,278	\$89,278	\$89,278
DROP participants	\$0	\$0	\$0
Sub-total	<b>\$1,664,309</b>	<b>\$1,664,309</b>	<b>\$1,664,309</b>
<i><u>Grand Total</u></i>	<b><u>\$3,827,109</u></b>	<b><u>\$3,827,109</u></b>	<b><u>\$3,827,109</u></b>



Actuarial Value of Assets

Table II-A

Market Value of Assets as of October 1, 2022	\$4,650,958
Minus DROP account balances	\$0
Minus advance employer contributions	(\$303,795)
<b>Actuarial Value of Assets as of October 1, 2022</b>	<b><u>\$4,347,163</u></b>

<b>Historical Actuarial Value of Assets</b>	
October 1, 2013	\$4,004,606
October 1, 2014	\$4,069,316
October 1, 2015	\$3,934,671
October 1, 2016	\$4,027,420
October 1, 2017	\$4,283,339
October 1, 2018	\$4,276,067
October 1, 2019	\$4,391,175
October 1, 2020	\$4,582,607
October 1, 2021	\$5,265,889
October 1, 2022	\$4,347,163

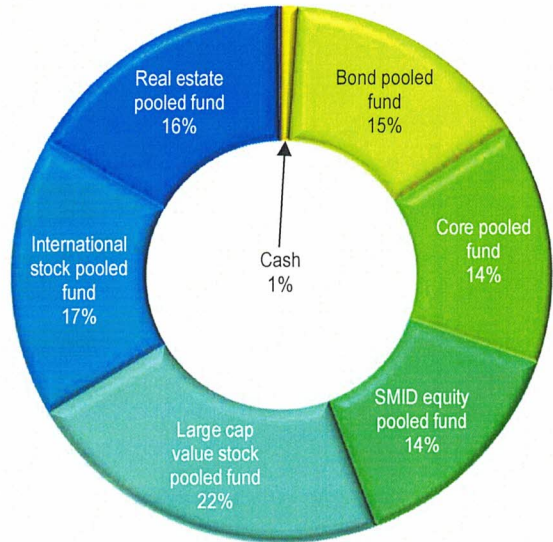


Market Value of Assets

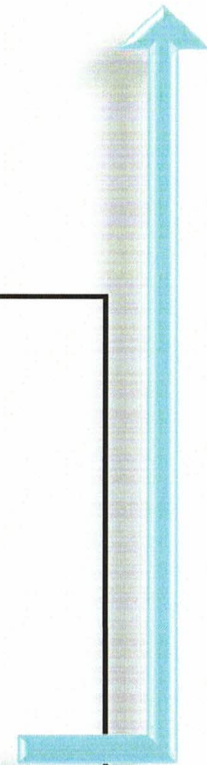
Table II-B

As of October 1, 2022

<b>Market Value of Assets</b>	<b><u>\$4,650,958</u></b>
Cash	\$46,397
Bond pooled fund	\$691,323
Core pooled fund	\$672,764
SMID equity pooled fund	\$649,565
Large cap value stock pooled fund	\$1,030,024
International stock pooled fund	\$784,118
Real estate pooled fund	\$765,559
Employer contribution receivable	\$2,846
Employee contribution receivable	\$7,116
Payable from police pension fund	\$1,246

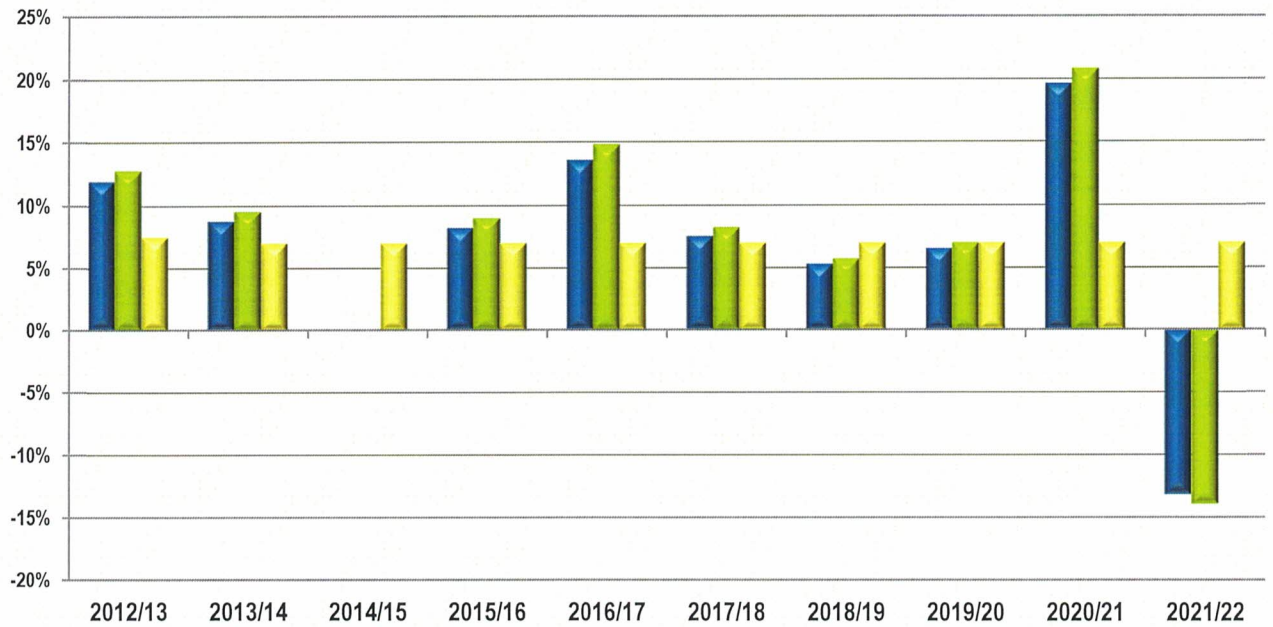


<u>Historical Market Value of Assets</u>	
October 1, 2013	\$4,306,753
October 1, 2014	\$4,433,099
October 1, 2015	\$4,314,930
October 1, 2016	\$4,393,242
October 1, 2017	\$4,630,505
October 1, 2018	\$4,686,232
October 1, 2019	\$4,722,544
October 1, 2020	\$4,850,355
October 1, 2021	\$5,534,424
October 1, 2022	\$4,650,958



Investment Return

Table II-C



**Annual Investment Returns**

- Market Value Return
- Actuarial Value Return
- Assumed Return

Plan Year	Market Value Return	Actuarial Value Return	Assumed Return
2012/13	11.95%	12.81%	7.50%
2013/14	8.80%	9.56%	7.00%
2014/15	0.07%	0.08%	7.00%
2015/16	8.21%	9.02%	7.00%
2016/17	13.57%	14.82%	7.00%
2017/18	7.53%	8.23%	7.00%
2018/19	5.29%	5.76%	7.00%
2019/20	6.55%	7.00%	7.00%
2020/21	19.64%	20.82%	7.00%
2021/22	-13.15%	-13.88%	7.00%
10yr. Avg.	6.50%	7.03%	7.05%



## Asset Reconciliation

## Table II-D

	<u>Market Value</u>	<u>Actuarial Value</u>
<b>As of October 1, 2021</b>	<b>\$5,534,424</b>	<b>\$5,265,889</b>
<b><i>Increases Due To:</i></b>		
Employer Contributions	\$35,260	\$35,260
Employee Contributions	\$88,148	\$88,148
Service Purchase Contributions	\$0	\$0
Total Contributions	<u>\$123,408</u>	<u>\$123,408</u>
Interest and Dividends	\$0	
Realized Gains (Losses)	\$0	
Unrealized Gains (Losses)	(\$716,723)	
Total Investment Income	<u>(\$716,723)</u>	(\$716,723)
Other Income	\$0	
<b>Total Income</b>	<u><b>(\$593,315)</b></u>	<u><b>(\$593,315)</b></u>
<b><i>Decreases Due To:</i></b>		
Monthly Benefit Payments	(\$214,554)	(\$214,554)
Refund of Employee Contributions	(\$40,368)	(\$40,368)
DROP Credits		\$0
Total Benefit Payments	<u>(\$254,922)</u>	<u>(\$254,922)</u>
Investment Expenses	\$0	
Administrative Expenses	(\$35,229)	(\$35,229)
Advance Employer Contribution		(\$35,260)
<b>Total Expenses</b>	<u><b>(\$290,151)</b></u>	<u><b>(\$325,411)</b></u>
<b>As of October 1, 2022</b>	<u><b>\$4,650,958</b></u>	<u><b>\$4,347,163</b></u>



## Historical Trust Fund Detail

## Table II-E

Income

<u>Plan</u> <u>Year</u>	<u>Employer</u> <u>Contribs.</u>	<u>Employee</u> <u>Contribs.</u>	<u>Service</u> <u>Purchase</u> <u>Contribs.</u>	<u>Interest /</u> <u>Dividends</u>	<u>Realized</u> <u>Gains /</u> <u>Losses</u>	<u>Unrealized</u> <u>Gains /</u> <u>Losses</u>	<u>Other</u> <u>Income</u>
2012/13	\$205,969	\$51,856	\$0	\$0	\$0	\$459,230	\$0
2013/14	\$112,114	\$48,537	\$0	\$0	\$0	\$368,167	\$0
2014/15	\$50,643	\$48,533	\$0	\$0	\$0	\$3,205	\$0
2015/16	\$32,832	\$41,937	\$0	\$0	\$0	\$343,551	\$0
2016/17	\$76,582	\$53,684	\$0	\$0	\$0	\$573,325	\$0
2017/18	\$107,990	\$53,296	\$0	\$0	\$0	\$338,157	\$0
2018/19	\$30,143	\$60,484	\$0	\$0	\$0	\$242,575	\$0
2019/20	\$25,474	\$64,038	\$0	\$0	\$0	\$303,614	\$0
2020/21	\$26,952	\$67,437	\$0	\$0	\$0	\$928,524	\$0
2021/22	\$35,260	\$88,148	\$0	\$0	\$0	-\$716,723	\$0

Expenses

<u>Plan</u> <u>Year</u>	<u>Monthly</u> <u>Benefit</u> <u>Payments</u>	<u>Contrib.</u> <u>Refunds</u>	<u>Admin.</u> <u>Expenses</u>	<u>Invest.</u> <u>Expenses</u>	<u>Other Actuarial Adjustments</u>	
					<u>DROP</u> <u>Credits</u>	<u>Advance</u> <u>Employer</u> <u>Contribs.</u>
2012/13	\$206,331	\$25,084	\$17,222	\$0	\$0	\$88,878
2013/14	\$359,791	\$24,540	\$18,141	\$0	\$0	\$61,636
2014/15	\$196,866	\$4,712	\$18,972	\$0	\$0	\$16,476
2015/16	\$321,442	\$814	\$17,752	\$0	\$10,436	-\$24,873
2016/17	\$443,345	\$3,072	\$19,911	\$0	\$11,162	-\$29,818
2017/18	\$421,630	\$1,599	\$20,487	\$0	\$11,843	\$51,156
2018/19	\$256,973	\$19,696	\$20,221	\$0	-\$33,441	-\$45,355
2019/20	\$216,949	\$29,301	\$19,065	\$0	\$0	-\$63,621
2020/21	\$296,759	\$18,068	\$24,017	\$0	\$0	\$787
2021/22	\$214,554	\$40,368	\$35,229	\$0	\$0	\$35,260

Note: Information was not available to separate the investment expenses from the investment income nor was information available to separate the investment income by source.



## Other Reconciliations

## Table II-F

**Advance Employer Contribution**

Advance Employer Contribution as of October 1, 2021	\$268,535
Additional Employer Contribution	\$35,260
Minimum Required Contribution	\$0
Net Increase in Advance Employer Contribution	<u>\$35,260</u>
Advance Employer Contribution as of October 1, 2022	<u><u>\$303,795</u></u>

**DROP Account Reconciliation**

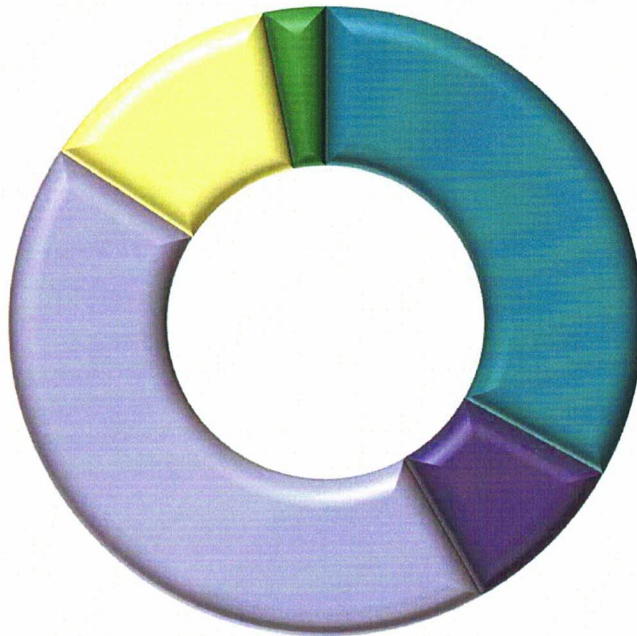
DROP Balance as of October 1, 2021	\$0
DROP Benefit Credits	\$0
DROP Investment Credits	\$0
DROP Benefits Paid Out	\$0
Net DROP Credit	<u>\$0</u>
DROP Balance as of October 1, 2022	<u><u>\$0</u></u>



Summary of Participant Data

Table III-A

As of October 1, 2022

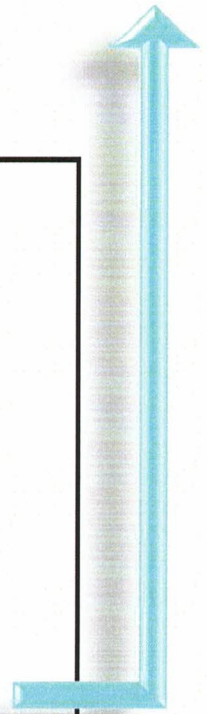


*Participant Distribution by Status*

<u>Actively Employed Participants</u>		
◆	Active Participants	42
◆	DROP Participants	0
<u>Inactive Participants</u>		
◆	Deferred Vested Participants	11
◆	Due a Refund of Contributions	54
◆	Deferred Beneficiaries	0
<u>Participants Receiving a Benefit</u>		
◆	Service Retirements	16
◆	Disability Retirements	0
◆	Beneficiaries Receiving	4
<b>Total Participants</b>		<b>127</b>

Number of Participants Included in Prior Valuations

	<i>Active</i>	<i>DROP</i>	<i>Inactive</i>	<i>Retired</i>	<i>Total</i>
October 1, 2013	32	0	14	19	65
October 1, 2014	31	0	16	21	68
October 1, 2015	34	1	16	21	72
October 1, 2016	31	1	24	21	77
October 1, 2017	31	1	32	19	83
October 1, 2018	34	1	32	18	85
October 1, 2019	34	0	41	20	95
October 1, 2020	32	0	49	19	100
October 1, 2021	38	0	57	19	114
October 1, 2022	42	0	65	20	127



## Data Reconciliation

Table III-B

	<u>Active</u>	<u>DROP</u>	<u>Deferred Vested</u>	<u>Due a Refund</u>	<u>Def. Benef.</u>	<u>Service Retiree</u>	<u>Disabled Retiree</u>	<u>Benef. Rec'v.</u>	<u>Total</u>
<u>October 1, 2021</u>	38	0	13	44	0	15	0	4	114
<u>Change in Status</u>									
Re-employed									
Terminated	(21)			21					
Retired			(2)			2			
<u>Participation Ended</u>									
Transferred Out									
Cashed Out				(11)					(11)
Died						(1)			(1)
<u>Participation Began</u>									
Newly Hired	25								25
Transferred In New Beneficiary									
<u>Other Adjustment</u>									
<u>October 1, 2022</u>	42	0	11	54	0	16	0	4	127

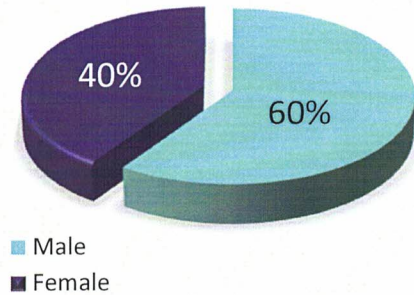


Active Participant Data

Table III-C

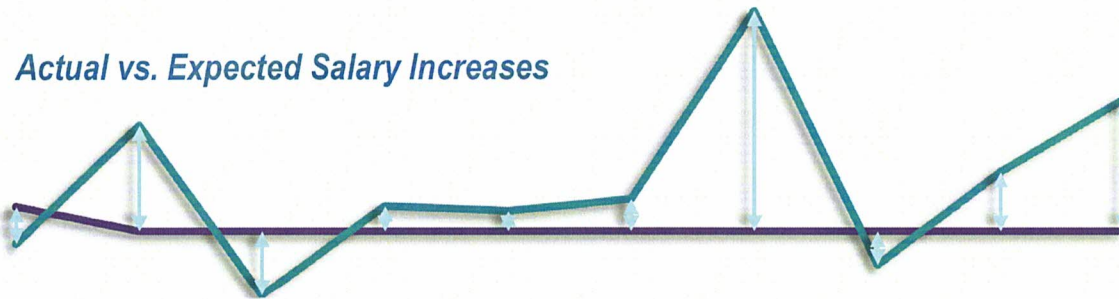
As of October 1, 2022

Gender Mix



Average Age	43.2 years
Average Service	3.9 years
Total Annualized Compensation for the Prior Year	\$1,613,127
Total Expected Compensation for the Current Year	\$1,496,641
Average Increase in Compensation for the Prior Year	11.94%
Expected Increase in Compensation for the Current Year	4.00%

Actual vs. Expected Salary Increases



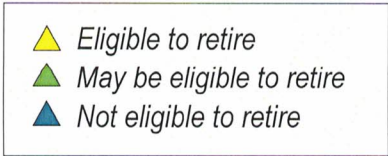
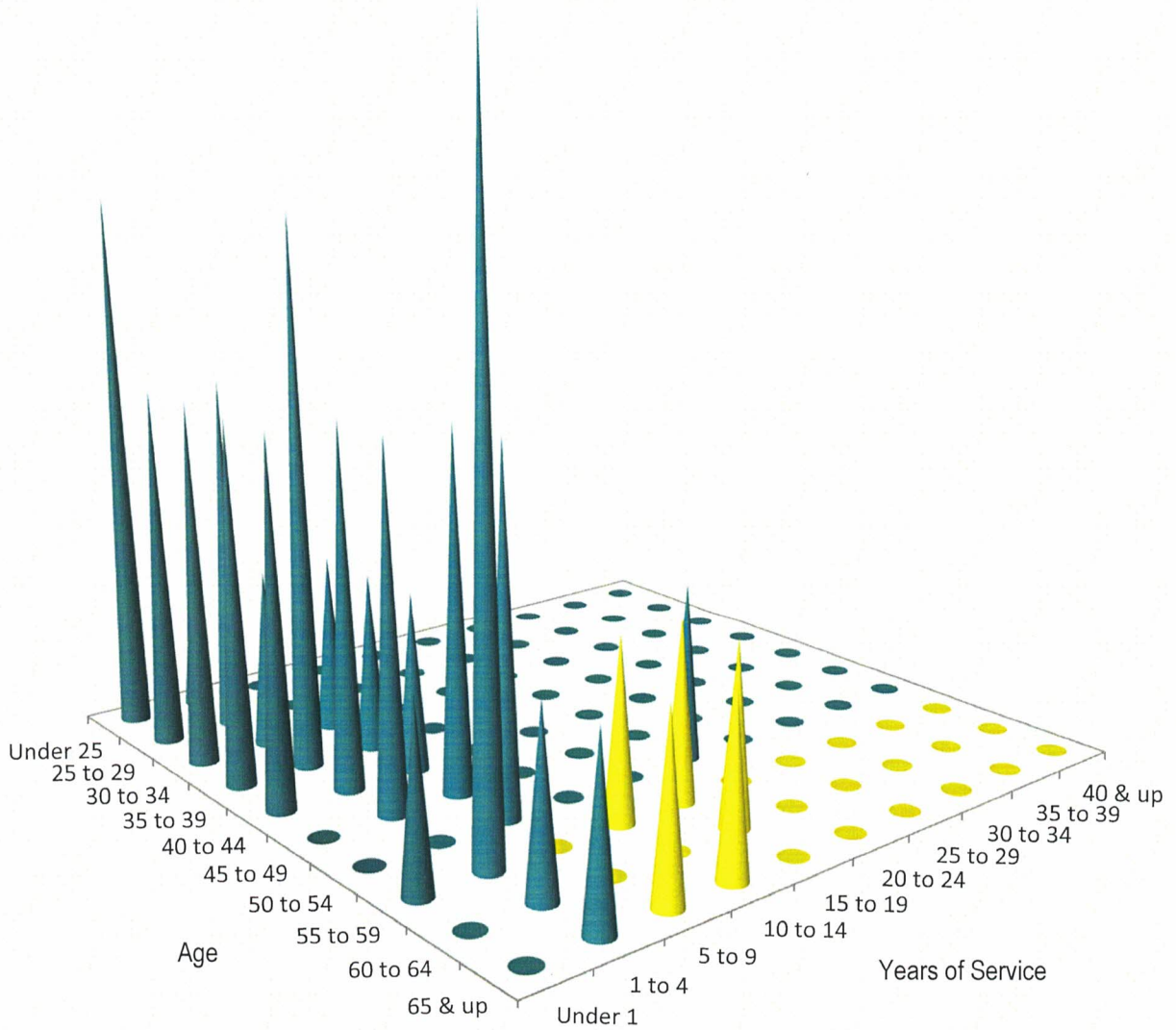
Active Participant Statistics From Prior Valuations

	Average Age	Average Service	Average Salary	Average Expected Salary Increase	Average Actual Salary Increase
October 1, 2013	48.8	7.9	\$27,428	5.50%	3.23%
October 1, 2014	46.0	6.7	\$30,209	4.00%	10.46%
October 1, 2015	43.9	6.2	\$27,737	4.00%	0.10%
October 1, 2016	42.1	5.7	\$28,545	4.00%	5.54%
October 1, 2017	42.4	4.5	\$29,773	4.00%	5.24%
October 1, 2018	42.0	4.4	\$31,806	4.00%	5.95%
October 1, 2019	42.6	4.4	\$35,335	4.00%	17.34%
October 1, 2020	43.9	5.1	\$36,783	4.00%	1.98%
October 1, 2021	44.7	3.9	\$35,933	4.00%	7.59%
October 1, 2022	43.2	3.9	\$38,408	4.00%	11.94%



# Active Age-Service Distribution

Table III-D



## Active Age-Service-Salary Table

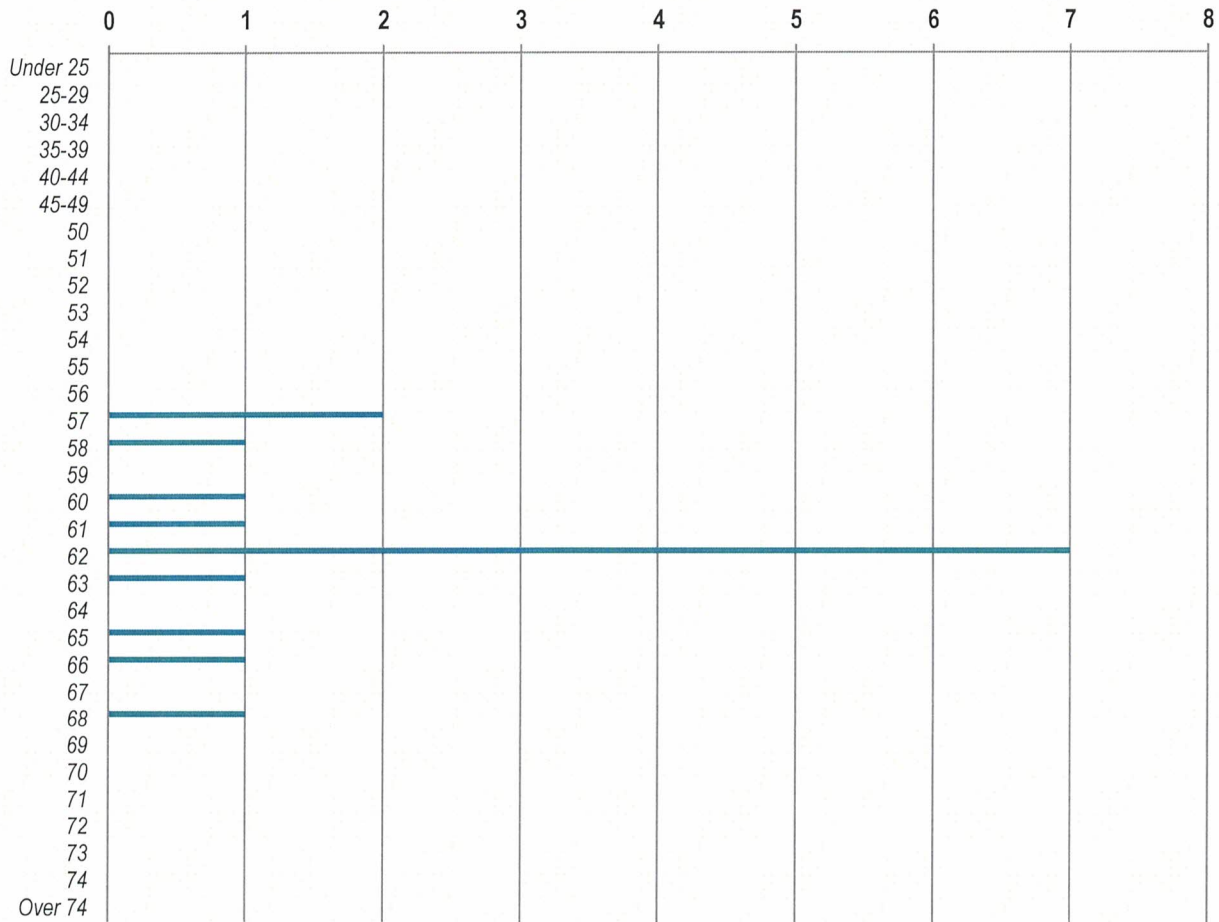
Table III-E

Attained Age	Completed Years of Service										Total
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & up	
Under 25	3	1	0	0	0	0	0	0	0	0	4
Avg.Pay	25,032	30,468	0	0	0	0	0	0	0	0	26,391
25 to 29	2	2	0	0	0	0	0	0	0	0	4
Avg.Pay	33,104	34,378	0	0	0	0	0	0	0	0	33,741
30 to 34	2	1	1	0	0	0	0	0	0	0	4
Avg.Pay	27,351	31,386	48,893	0	0	0	0	0	0	0	33,745
35 to 39	2	3	1	0	0	0	0	0	0	0	6
Avg.Pay	28,277	47,765	48,920	0	0	0	0	0	0	0	41,461
40 to 44	2	2	1	0	0	0	0	0	0	0	5
Avg.Pay	27,752	32,651	33,406	0	0	0	0	0	0	0	30,842
45 to 49	0	2	2	0	0	0	0	0	0	0	4
Avg.Pay	0	48,886	38,024	0	0	0	0	0	0	0	43,455
50 to 54	0	0	2	0	0	1	0	0	0	0	3
Avg.Pay	0	0	56,801	0	0	63,170	0	0	0	0	58,924
55 to 59	1	4	0	1	1	0	0	0	0	0	7
Avg.Pay	31,394	42,254	0	52,955	36,031	0	0	0	0	0	41,342
60 to 64	0	1	0	0	1	0	0	0	0	0	2
Avg.Pay	0	43,187	0	0	36,545	0	0	0	0	0	39,866
65 & up	0	1	1	1	0	0	0	0	0	0	3
Avg.Pay	0	37,834	39,800	37,290	0	0	0	0	0	0	38,308
<b>Total</b>	<b>12</b>	<b>17</b>	<b>8</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>42</b>
Avg.Pay	28,288	40,413	45,084	45,123	36,288	63,170	0	0	0	0	38,408



Inactive Participant Data

Table III-F



**Age at Retirement**

- Service Retirements
- Disability Retirements
- DROP Participants

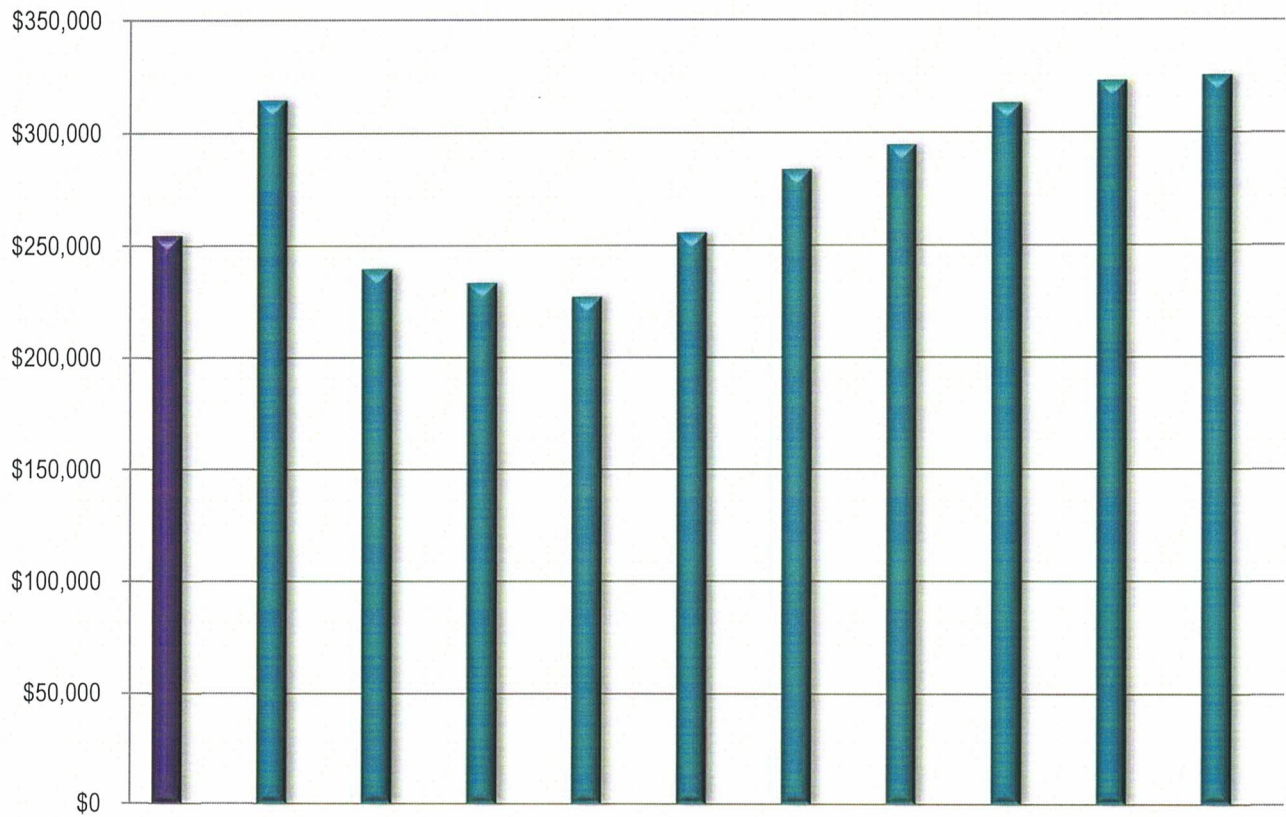
Average Monthly Benefit

Service Retirements	\$1,026.66
Disability Retirements	Not applicable
Beneficiaries Receiving	\$335.80
DROP Participants	Not applicable
Deferred Vested Participants	\$795.24
Deferred Beneficiaries	Not applicable



Projected Benefit Payments

Table III-G



Actual

For the period October 1, 2021 through September 30, 2022

\$254,922

Projected

For the period October 1, 2022 through September 30, 2023

\$314,728

For the period October 1, 2023 through September 30, 2024

\$239,524

For the period October 1, 2024 through September 30, 2025

\$233,435

For the period October 1, 2025 through September 30, 2026

\$227,120

For the period October 1, 2026 through September 30, 2027

\$255,627

For the period October 1, 2027 through September 30, 2028

\$283,789

For the period October 1, 2028 through September 30, 2029

\$294,645

For the period October 1, 2029 through September 30, 2030

\$313,325

For the period October 1, 2030 through September 30, 2031

\$323,200

For the period October 1, 2031 through September 30, 2032

\$325,684



## Summary of Actuarial Methods and Assumptions

## Table IV-A

*NOTE: The following assumptions and methods have been selected and approved by the Board of Trustees based in part on the advice of the plan's enrolled actuary in accordance with the authority granted to the Board under the pension ordinances and State law.*

1. **Actuarial Cost Method**

Aggregate cost method. Under this actuarial cost method, a funding cost is developed for the plan as a level percentage of payroll. The level funding percentage is calculated as the excess of the total future benefit liability over accumulated assets and future employee contributions, with this excess spread over the expected future payroll for current active participants. The normal cost is equal to the level funding percentage multiplied by the expected payroll for the year immediately following the valuation date. The actuarial accrued liability is equal to the accumulated assets. Therefore, under the aggregate cost method, no unfunded accrued liability is developed.

2. **Asset Method**

The actuarial value of assets is equal to the market value of assets.

3. **Interest (or Discount) Rate**

7.00% per annum

4. **Salary Increases**

Plan compensation is assumed to increase at the rate of 4.00% per annum, unless actual plan compensation is known for a prior plan year.

5. **Decrements**

- Pre-retirement mortality: Sex-distinct rates set forth in the PUB-2010 Headcount-Weighted Below Median Employee Mortality Table for general employees, with full generational improvements in mortality using Scale MP-2018 and with male ages set back one year
- Post-retirement mortality: Sex-distinct rates set forth in the PUB-2010 Headcount-Weighted Below Median Healthy Retiree Mortality Table for general employees, with full generational improvements in mortality using Scale MP-2018 and with male ages set back one year
- Disability: Age-based rates of disability were assumed, ranging from 0.03% at age 25, 0.05% at age 35, and 0.12% at age 45, to 0.54% at age 55.



## Summary of Actuarial Methods and Assumptions

## Table IV-A

(continued)

- Termination: Age-based rates of termination were assumed, ranging from 7.94% at age 25, 6.09% at age 35, and 3.54% at age 45, to 0.00% at age 55.
- Retirement: Retirement is assumed to occur upon the attainment of normal retirement age.

**6. Form of Payment**

Future retirees have been assumed to select the single life annuity.

**7. Expenses**

The total projected benefit liability has been loaded by 2.25% to account for anticipated administrative expenses. In addition, the interest rate set forth in item 3. above is assumed to be net of investment expenses and commissions.



## Changes in Actuarial Methods and Assumptions

## Table IV-B

There were no assumption or method changes since the completion of the previous valuation.

The following additional assumption and method changes were made during the past 10 years:

- (1) *Effective October 1, 2020, the mortality basis was changed from the RP-2000 Combined Mortality Table with generational improvements in mortality using Scale BB to selected PUB-2010 Mortality Tables with generational improvements in mortality using Scale MP-2018.*
- (2) *Effective October 1, 2016, the mortality basis was changed from a 2015 projection of the RP-2000 Mortality Table for annuitants to a full generational projection using Scale BB of the RP-2000 Combined Mortality Table as required by State law.*
- (3) *Effective October 1, 2013, the assumed interest rate was decreased from 7.50% per annum to 7.00% per annum.*
- (4) *Effective October 1, 2013, the assumed increase in future salaries was decreased from 5.50% per year to 4.00% per year.*
- (5) *Effective October 1, 2013, the mortality basis was changed from the RP-2000 Mortality Table, projected to 2007 by Scale AA, to the RP-2000 Mortality Table, projected to 2015 by Scale AA, both as published by the Internal Revenue Service (IRS) for purposes of Internal Revenue Code (IRC) section 430.*



## Summary of Plan Provisions

## Table V-A

**1. Monthly Accrued Benefit**

2.25% of Average Monthly Earnings multiplied by Credited Service

**2. Normal Retirement Age and Benefit**

- **Age**

Age 62 with at least five years of Credited Service

- **Amount**

Monthly Accrued Benefit

- **Form of Payment**

Single life annuity (normal form of payment);

Actuarially reduced 10-year certain and life annuity (optional);

Actuarially reduced 50% joint and contingent annuity (optional);

Actuarially reduced 66⅔% joint and contingent annuity (optional);

Actuarially reduced 75% joint and contingent annuity (optional);

Actuarially reduced 100% joint and contingent annuity (optional);

Actuarially equivalent single lump sum payment (optional); or

Any other actuarially equivalent form of payment approved by the Board of Trustees (optional)

*(Note: All forms of payment guarantee at least the return of the member's Accumulated Contributions.)*

**3. Early Retirement Age and Benefit**

- **Age**

Age 55 with at least five years of Credited Service

- **Amount**

Monthly Accrued Benefit (payable at Normal Retirement Age); or

Monthly Accrued Benefit adjusted on an actuarially equivalent basis to reflect the payments made prior to Normal Retirement Age (payable at Early Retirement Age)

- **Form of Payment**

Same as for Normal Retirement



## Summary of Plan Provisions

## Table V-A

(continued)

**4. Delayed Retirement Age and Benefit**

- **Age**  
After Normal Retirement Age
- **Amount**  
Monthly Accrued Benefit
- **Form of Payment**  
Same as for Normal Retirement

**5. Disability Eligibility and Benefit**

- **Eligibility**  
The member is eligible if he becomes totally and permanently disabled from bodily injury, disease, or a mental disorder such that he is incapable of employment.
- **Amount Payable**  
Monthly Accrued Benefit adjusted on an actuarially equivalent basis to reflect the payments made prior to Normal Retirement Age
- **Form of Payment**  
Same as for Normal Retirement

**6. Deferred Vested Benefit**

- **Age**  
Any age with at least five years of Credited Service
- **Amount**  
Monthly Accrued Benefit (payable at Normal Retirement Age); or  
Monthly Accrued Benefit adjusted on an actuarially equivalent basis to reflect the payments made prior to Normal Retirement Age (payable at Early Retirement Age)
- **Form of Payment**  
Same as for Normal Retirement



## Summary of Plan Provisions

## Table V-A

(continued)

**7. Pre-Retirement Death Benefits****• Vested Member**

Upon the death prior to retirement of a vested member, the member's beneficiary receives the actuarial equivalent to the member's Monthly Accrued Benefit valued as of the member's employment termination date and increased with interest at the valuation rate(s) from such date until the member's date of death. The beneficiary may elect to receive his benefit either as a single life annuity or as an actuarially equivalent single lump sum payment. In any event, the pre-retirement death benefit guarantees at least the return of the member's Accumulated Contributions.

**• Non-Vested Member**

In the case of the death of a non-vested member prior to retirement, his beneficiary will receive the member's Accumulated Contributions.

**8. Average Monthly Earnings**

Average monthly earnings during the highest five years out of the 10 years immediately preceding the determination (or career average, if higher); for this purpose, earnings include total compensation other than bonuses, lump sum payments, overtime pay, and extraordinary compensation.

**9. Credited Service**

The elapsed time from the member's date of hire until his date of termination, retirement, or death, excluding periods during which the member does not make the required contribution

**10. Membership Requirement**

All full-time employees of the City of Williston, Florida, other than police officers and the City Manager, automatically become a member of the plan on their date of hire.

**11. Accumulated Contributions**

Member Contributions accumulated with interest at the rate of 5.00% per annum; if the member terminates his employment with less than five years of Credited Service, then he receives a refund of his Accumulated Contributions.

**12. Member Contributions**

5.00% of earnings on a pre-tax basis



## Summary of Plan Provisions

## Table V-A

(continued)

**13. Definition of Actuarially Equivalent**

- **Interest Rate**  
7.00% per annum
- **Mortality Table**  
1983 Group Annuity Mortality Table, blended 50%/50% for males and females and set back two years

**14. Plan Effective Date**

The plan was originally effective on October 1, 1983.

**15. Deferred Retirement Option Program (DROP)**

A participant who is otherwise eligible for Early or Normal Retirement may elect to enter the DROP for a period of up to 60 months. DROP accounts are credited with interest at the rate of 6.50% per annum.



## Summary of Plan Amendments

## Table V-B

No plan amendments were adopted since the completion of the previous valuation.

