

**WASHINGTON POLICE PENSION FUND**  
**Washington Police Department Training Room**  
**115 W. Jefferson, Washington, IL 61571**  
**QUARTERLY BOARD MEETING**  
**Monday, April 29, 2024 - 8:30 A.M.**

**AGENDA**

1. Call to Order
2. Review Agenda – Deletions or Additions (Discussion Items Only)
3. Public comment
4. Approval of January 29, 2024 Quarterly Meeting Minutes
5. Financial Reports
6. Action Items:

A. Ratify investments made via phone/memo approval (roll call vote):

<u>Bank Name</u>	<u>Interest Rate</u>	<u>Maturity Date</u>	<u>Amount</u>	<u>Action Taken</u>
Washington Comm. Bank	4.02%	02/09/24	\$511,145.83	Renewed 3-month @ 4.02% with WCB
Busey Bank	2.90%	1/11/24	\$116,156.44	Purch. 3-month @ 4.02% with WCB

B. Investments Maturing before next quarterly meeting:

<u>Bank Name</u>	<u>Interest Rate</u>	<u>Maturity Date</u>	<u>Amount</u>
Washington Comm. Bank	4.02%	05/09/2024	\$514,642.15
Washington Comm. Bank	4.02%	07/18/2024	\$116,156.44

- C. Ratification of Police Pension Fund Expenses (roll call vote)
- D. Portability Transfer for Kelley Noetzol – Pekin Police Department
- E. Acceptance of Police Pension Fund Actuarial Report

7. Discussion Items:
  - A. Training requirements and opportunities
  - B. Predatory Lending Law Compliance
8. Adjournment (roll call vote)

**Next meeting Monday, July 22, 2024 @ 8:30 a.m.**

1. Call to Order:

*The meeting was called to order by President Ellen Dingledine at 8:35AM.*

Roll Call:

*Present:* Ellen Dingledine, Joshua Sutter, Brian Simpson, Jim Fussner

*Absent:* None

*Also Present:* Finance Director Joanie Baxter, Accountant Jeanette Glueck, Treasurer Abbey Strubhar

2. Review Agenda – change Item E under Action Items to Discussion

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3. Approval of Minutes from October 30, 2023 Meeting: *Joshua Sutter made a motion to approve the minutes, seconded by Jim Fussner. Motion carried.*

4. Public Comment – None.

5. Financial Reports: *Joanie Baxter provided a summary of the quarterly financial reports. Discussion was held on the reports from IPOPIF and the performance of the funds in the portfolio. The Board will reevaluate at the April meeting to determine if additional funds need to be transferred to the IPOPIF.*

*Jim Fussner made a motion, seconded by Brian Simpson to approve the reports. Motion carried.*

6. Action Items:

A. Ratify Investments made via phone/memo:

*A CD at Washington Community Bank in the amount of \$509,462.51 with a 4.25% interest rate matured on 11/9/2023 and was renewed for 3 months at 4.02%. Fussner made a motion, seconded by Sutter to ratify the investment. On roll call the vote was Dingledine – yes; Sutter – yes; Simpson – yes; Fussner - yes. Motion carried.*

*A CD at Busey Bank in the amount of \$115,543.49 with a 2.90% interest rate matured on 1/11/2024 and was redeemed and deposited to the IPAVA account. The intent is to take out additional cash from the account and purchase a CD at a later time. Sutter made a motion, seconded by Fussner to ratify the investment. On roll call the vote was Dingledine – yes; Sutter – yes; Simpson – yes; Fussner - yes. Motion carried.*

B. Investments Maturing before next quarterly meeting:

*The Board discussed the CD that matures on February 9, 2024 and an email will be sent out at that time to get further direction.*

C. Ratification of Police Pension Fund Expenses (roll call vote):

Expenses since the last meeting were reviewed:

- IPPFA paid 10/16/2023 in the amount of \$500.00 for IPPFA Certified Trustee Training.
- J.P. Cooke Company paid 10/16/2023 in the amount of \$35.95 for Dingledine signature stamp.
- IPPFA paid 11/20/2023 in the amount of \$795.00 for 2024 IPPFA Membership Dues.
- Brian Simpson paid 12/18/2023 in the amount of \$233.90 for IPPFA training travel expenses.
- Atwell & Atwell paid 12/18/2023 in the amount of \$900.00 for legal fees.

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*Sutter made a motion, seconded by Dingledine to ratify the above expense. On roll call the vote was Dingledine – yes; Sutter – yes; Simpson – yes; Fussner – yes. Motion carried.*

- D. Designation of Freedom of Information Act (FOIA) and Open Meetings Act Officers:  
*Following discussion, Dingledine made a motion, seconded by Simpson to designate City Clerk Valeri Brod as the Freedom of Information and Open Meetings Act Officers. Motion carried.*
- E. Approval of Sexual Harassment Policy:  
*Following discussion, Dingledine made a motion, seconded by Fussner to approve the Sexual Harassment Policy as presented. Motion carried.*
- F. Approval of Ethics Policy:  
*Following discussion, Simpson made a motion, seconded by Sutter to approve the Ethics Policy as presented. Motion carried.*
- G. Approval of Travel Reimbursement Policy:  
*Following discussion, Sutter made a motion, seconded by Dingledine to approve the Travel Reimbursement Policy as presented. Motion carried.*

7. Discussion Items

- A. Regional Stakeholders Meeting – IPOPIF  
*Following discussion, the Board asked Staff to provide more information regarding this meeting and who should attend.*
- B. Training requirements and opportunities  
*Accountant Glueck indicated that the IML is revising some of their training this Spring and it continues to be free of charge. She will forward additional information as it is available.*
- C. Portability Request – Kelley Noetzol  
*Finance Director Baxter has calculated the portability transfer for Kelley Noetzol who resigned on November 3, 2023. She has provided to the City of Pekin and their actuaries and is awaiting further direction.*
- D. Other  
*Finance Director Baxter indicated that the tax levy was approved in December, including an additional \$100,000 as requested by the Board. The formal report will be provided to the Board at the April meeting.*

8. Adjournment:  
*With no further business, Sutter made a motion, seconded by Fussner to adjourn the meeting at 9:08 a.m. On roll call the vote was Dingledine – yes; Sutter – yes; Simpson – yes; Fussner – yes. Motion carried.*

Respectfully submitted,

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Joshua Sutter, Secretary



# Illinois Police Officers' Pension Investment Fund

## March 2024 Statement Supplement

### Asset Flows

Period	New Asset Transfers	Cash Contributions	Cash Withdrawals
March 2024	Zero	\$53.96 million	\$45.71 million
CY 2024	Zero	\$124.77 million	\$134.98 million

### Expenses Paid

Period	Administrative Expenses	Investment Expenses	Investment Manager Fees
March 2024	\$150,871.25	\$65,994.82	\$306,150.79
CY 2024	\$473,564.01	\$458,011.29	\$327,984.79

- Expenses are paid from the IPOPIF Pool and allocated proportionately by member value.
- Investment expenses exclude investment manager fees.

### Investment Pool Details

Date	Units	Value	Unit Price
2/29/24	926,904,588.2057	10,157,018,083.52	10.957997
3/31/24	927,613,165.2416	10,392,539,534.57	11.203527

A spreadsheet with complete unit and expense detail history is linked on the [Article 3 Fund Reports page](#) as [-IPOPIF Trust Fund Unit Details \(Excel Download\)-](#)

### NAV and Receivable Calculations Under Development

The IPOPIF [Valuation and Cost Rule](#), AR-2022-01, stipulates that the Net Asset Value (NAV) for each Participating Police Pension Fund will include receivables representing proportionate amounts due from late-transferring pension funds for all Costs, IFA Loan Repayments, and interest. These calculations are under development.

### Resources

- Monthly statement overview: [Link to Statement Overview](#)
- Monthly financial reports: <https://www.ipopif.org/reports/monthly-financial-reports/>
- Monthly and quarterly investment reports: <https://www.ipopif.org/reports/investment-reports/>
- IPOPIF Board Meeting Calendar: <https://www.ipopif.org/meetings/calendar/>
- Daily value and transaction information for Participating Police Pension Funds is available to account representatives via the NRS reporting portal.



**Market Value Summary:**

	<u>Current Period</u>	<u>Year to Date</u>
Beginning Balance	\$8,577,787.22	\$8,428,779.71
Contributions	\$0.00	\$0.00
Withdrawals	\$0.00	\$0.00
Transfers In/Out	\$0.00	\$0.00
Income	\$5,364.54	\$11,143.02
Administrative Expense	(\$127.41)	(\$399.54)
Investment Expense	(\$55.73)	(\$386.36)
Investment Manager Fees	(\$258.55)	(\$276.96)
IFA Loan Repayment	\$0.00	\$0.00
Adjustment	\$0.00	\$0.00
Realized Gain/Loss	\$76,067.60	\$89,339.91
Unrealized Gain/Loss	\$111,207.46	\$241,785.35
Ending Balance	<u>\$8,769,985.13</u>	<u>\$8,769,985.13</u>

**Performance Summary:**

	<u>MTD</u>	<u>QTD</u>	<u>YTD</u>	<u>One Year</u>	<u>Three Years</u>	<u>Five Years</u>	<u>Ten Years</u>	<u>Inception to Date</u>	<u>Participant Inception Date</u>
Net of Fees:	2.24%	4.05%	4.05%	13.38%	N/A	N/A	N/A	11.07%	09/01/2022

**Contact Information: Illinois Police Officers' Pension Investment Fund, 456 Fulton Street, Suite 402 Peoria, Illinois 61602 Phone: (309) 280-6464 Email: Info@ipopif.org**

WASHINGTON POLICE PENSION FUND

Fund Name: IPOPIF Pool

Month Ended: March 31, 2024



**Market Value Summary:**

	<u>Current Period</u>	<u>Year to Date</u>
Beginning Balance	\$8,577,787.22	\$8,428,779.71
Contributions	\$0.00	\$0.00
Withdrawals	\$0.00	\$0.00
Transfers In/Out	\$0.00	\$0.00
Income	\$5,364.54	\$11,143.02
Administrative Expense	(\$127.41)	(\$399.54)
Investment Expense	(\$55.73)	(\$386.36)
Investment Manager Fees	(\$258.55)	(\$276.96)
IFA Loan Repayment	\$0.00	\$0.00
Adjustment	\$0.00	\$0.00
Realized Gain/Loss	\$76,067.60	\$89,339.91
Unrealized Gain/Loss	\$111,207.46	\$241,785.35
Ending Balance	<u>\$8,769,985.13</u>	<u>\$8,769,985.13</u>

**Unit Value Summary:**

	<u>Current Period</u>	<u>Year to Date</u>
Beginning Units	782,787.848	782,787.848
Unit Purchases from Additions	0.000	0.000
Unit Sales from Withdrawals	0.000	0.000
Ending Units	<u>782,787.848</u>	<u>782,787.848</u>
Period Beginning Net Asset Value per Unit	\$10.957997	\$10.767643
Period Ending Net Asset Value per Unit	\$11.203527	\$11.203527

**Performance Summary:**

WASHINGTON POLICE PENSION FUND

	<u>MTD</u>	<u>QTD</u>	<u>YTD</u>	<u>One Year</u>	<u>Three Years</u>	<u>Five Years</u>	<u>Ten Years</u>	<u>Inception to Date</u>	<u>Participant Inception Date</u>
Net of Fees:	2.24%	4.05%	4.05%	13.38%	N/A	N/A	N/A	15.31%	09/23/2022

Contact Information: Illinois Police Officers' Pension Investment Fund, 456 Fulton Street, Suite 402 Peoria, Illinois 61602 Phone: (309) 280-6464 Email: [Info@ipopf.org](mailto:Info@ipopf.org)

**Statement of Transaction Detail for the Month Ending 03/31/2024**

**WASHINGTON POLICE PENSION FUND**

<b>Trade Date</b>	<b>Settle Date</b>	<b>Description</b>	<b>Amount</b>	<b>Unit Value</b>	<b>Units</b>
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		No Activity for the Month Ending 03/31/2024			
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**WASHINGTON POLICE PENSION FUND  
CASH AND INVESTMENTS  
March 31, 2024**

**Ipava State Bank Money Market** \$ 944,138.92

**Cefcu Savings** \$ 9,016.89

**Certificates of Deposit:**

CEFCU

2.32% due 6/28/24

\$ 100,000.00 \$ 100,000.00

IPAVA State Bank  
*No CD's at this time.*

Washington State Bank  
*No CD's at this time.*

Morton Community Bank

4.02% due 5/09/24

4.02% due 4/18/24 *(Renewed 4/18/24)*

\$ 516,285.90 \$ 632,046.90

\$ 115,761.00

Busey Bank  
*No CD's at this time.*

**Total Certificates of Deposits** \$ 732,046.90

**Total Local Cash and Investments** \$ 1,685,202.71

**IPOPIF Investments as of 03/31/24** \$ 8,769,985.13

**Total Cash and Investments** **\$ 10,455,187.84**



**WASHINGTON POLICE PENSION FUND  
REVENUE AND EXPENSE REPORT  
MAY 1, 2023 THROUGH MARCH 31, 2024**

**REVENUES:**

Property Taxes	764,230.15	
Property Replacement Taxes	16,532.48	
Interest	41,470.11	
<b>Employee Contributions</b>	<b>162,470.23</b>	
Portability Contributions	0.00	
Reimb of Contrib Refunded	0.00	
Insurance Proceeds	0.00	
Miscellaneous Income	0.00	
<b>TOTAL</b>		<b>984,702.97</b>

**EXPENSES:**

Pensions	729,773.60	
Insurance	3,383.00	
Legal	950.00	
Compliance Fee	0.00	
Training	783.90	
Membership Dues	795.00	
Subscriptions	0.00	
Postage	0.00	
Insurance Claim Reimb.	0.00	
Contributions Refund	0.00	
Miscellaneous	57.40	
<b>TOTAL</b>		<b>735,742.90</b>

**REVENUES OVER EXPENSES**

**248,960.07**

**INVESTMENTS:**

Net Pooled Investment Income	969,372.58	
<b>TOTAL</b>		<b>969,372.58</b>

**NET REVENUES OVER EXPENSES WITH INVESTMENTS**

**1,218,332.65**

**MONTHLY PENSIONS PAID (GROSS): RETIREMENT**

Lyle Baele	4,600.30	
Kimberly Call (Britt Beard)	2,869.58	
David Densberger	3,784.69	
Mary Densberger	1,496.26	
James Fussner	4,856.29	
Rosalie Gerkin	5,383.91	
Greg Gordon	4,671.46	
James Kuchenbecker	8,488.88	
Joyce Libotte (Thomas Libotte)	4,625.40	
Gwendolyn Marshall	2,965.62	
David Stark	4,430.34	
Donald Volk	7,747.09	
Michael Williams	3,563.29	
Kathleen Witmer (William Witmer)	3,056.13	
Charles Woolley	4,847.48	
<b>TOTAL</b>		<b>67,386.72</b>

**MONTHLY PENSIONS PAID (GROSS): DISABILITY**

*No Disability Pensions at this time.*

0.00

**TOTAL**

0.00

**POLICE PENSION - ACTIVE OFFICERS' CONTRIBUTIONS AS OF 03/31/24**

	<u>Contributions</u>	<u>Years</u>
Danton Althiser	\$37,213.83	5
Zachary Bean	\$85,275.33	13
Michael Brown	\$64,651.38	9
Jacob Cernek	\$81,751.10	12
Joseph Dubois	\$7,140.64	1
Daniel Foster	\$84,962.79	13
Jeffrey Hensley	\$28,832.74	4
Steve Hinken	\$88,217.04	14
Ryan Hunsinger	\$114,219.78	18
Ramadan Moore	\$36,660.66	5
Henry Perrilles	\$9,678.15	1
Ashley Peto	\$12,652.72	2
Brian Simpson	\$73,387.28	11
Steven Smith	\$109,014.69	15
Stuart Stevens	\$167,000.18	24
Joshua Sutter	\$75,500.21	10
Dramane Taylor	\$62,823.37	9
Derek Thomas	\$126,093.84	20
Nathan Thompson	\$29,376.76	5.2499
Troi Westbrook	\$70,665.75	10

**TOTAL ACTIVE CONTRIBUTIONS**

**\$ 1,365,118.24**

**POLICE PENSION - INACTIVE OFFICERS' CONTRIBUTIONS AS OF 03/31/24**

		<u>Contributions</u>
Lindsay Bond	<i>Terminated 3/5/15</i>	\$ 5,662.02
William Crisler	<i>Terminated 12/17/23</i>	\$ 1,886.55
Benjamin Gregory	<i>Terminated 7/16/23</i>	\$ 10,369.12
Michael Heitz	<i>Terminated 5/11/13</i>	\$ 624.14
Tyler Hodges	<i>Terminated 9/15/21</i>	\$ 3,324.94
April Schremetti	<i>Terminated 7/21/10</i>	\$ 5,253.25
Tanner Stockton	<i>Terminated 1/14/24</i>	\$ 11,261.92
John Williams	<i>Terminated 02/27/24</i>	\$ 2,892.63
<b>TOTAL INACTIVE CONTRIBUTIONS</b>		<b>41,274.57</b>

**TOTAL CONTRIBUTIONS**

**1,406,392.81**


**WASHINGTON POLICE PENSION FUND  
301 WALNUT STREET  
WASHINGTON, IL 61571**

**QUARTERLY EXPENSE REPORT  
January 1, 2024 to March 31, 2024**

The following is a list of expenses incurred by the Police Pension Board during the last quarter for ratification:

<b>PAYEE</b>	<b>DATE</b>	<b>AMOUNT</b>	<b>DESCRIPTION</b>
Morton Comm. Bank Visa	2/19/2024	\$21.45	1099-R Forms
Atwell & Atwell	2/19/2024	\$50.00	Legal Fees
<b>TOTAL QUARTERLY EXPENSES</b>		<u><u>\$71.45</u></u>	

**CITY OF WASHINGTON  
POLICE PENSION FUND**

TO: Police Pension Board  
FROM: Joanie Baxter, Finance Director   
DATE: April 24, 2024  
SUBJECT: Portability Transfer – Kelley Noetzol

Kelley Noetzol is a former Washington Police Officer who resigned November 3, 2023 with a little over two years of service credit. He did not take a contribution refund from the Fund and is requesting a portability transfer. I worked with Lauterbach and Amen, the actuaries for the City of Pekin in providing information for the calculation of what Washington would owe Pekin for the service credit purchased.

As indicated by the calculations, the Washington Police Pension Fund owes the Pekin Police Pension Fund a total of \$25,836.18 which is made up of Kelley's contributions of \$11,883.95 plus interest of \$1,034.14 and then doubled to reflect the employer contribution. Payment has been made in the amount of \$25,836.18 on April 3, 2024, Check #58570.

The Board is requested to ratify the above action.



February 22, 2024

Kelley C. Noetzol

Sent via email:

RE: Portability Transfer

Dear Kelley Noetzol:

We have received your request to calculate the transfer of your creditable service of 2 years, 1 month, 19 days (September 16, 2021 through November 3, 2023) from the Washington Police Pension Fund to the Pekin Police Pension Fund.

**Washington Police Pension Fund**

Records indicate you did not receive a refund of your contributions of \$11,883.95 from your prior Police Pension Fund. The Pension Fund is required to remit the following to the Pekin Police Pension Fund:

Your employee contributions:	\$ 11,883.95
Plus 6% interest compounded annually, from the date of each contribution to the date of the transfer request:	\$ 1,034.14
Employer's Match of Contributions plus Interest	<u>\$ 12,918.09</u>
<b>Total to Transfer:</b>	<b>\$ 25,836.18</b>

**Pekin Police Pension Fund**

Your date of hire for pension purposes with the Pekin Police Pension Fund is November 6, 2023. Please be advised that all amounts due to the Pekin Police Pension Fund are based on the accuracy of this date. Any adjustment to this date may result in a recalculation of the amounts due.

**The Pekin Police Pension Fund's Actuary determined that there is no additional True Cost above the amount being transferred from the Washington Police Pension Fund.**

In electing this transfer, your date of hire for pension purposes with the Pekin Police Pension Fund will adjust to reflect the date below.

**Original Date of Hire: November 06, 2023**

**Adjusted Date of Hire: September 18, 2021**

**Please remember that all monies must be paid in full while you are still an active member of your current Pension Fund for the transferred service to be considered pensionable.**

Cordially,

*Lauterbach & Amen, LLP*

Lauterbach & Amen, LLP

Enclosure

CC: Washington Police Pension Fund

CC: Pekin Police Pension Fund



**Election to Transfer  
Portability  
Article 3 Police Pension Fund**

Prior Pension Fund Name: **Washington Police Pension Fund**  
Current Pension Fund Name: **Pekin Police Pension Fund**  
Member Name: **Kelley C. Noetzol**

**PLEASE SELECT THE APPROPRIATE RESPONSE**

I understand that I must provide this completed authorization form to my Current Pension Fund within 14 days of receiving their notification of the cost and payment options for this transfer. I understand that if I fail to notify them by the 15th day, my initial portability application to transfer the designated service is automatically withdrawn.

**DECLINE**

       I have received and reviewed the calculation performed by Lauterbach & Amen, LLP in response to my portability transfer request. I have decided not to pursue the portability transfer and at this time I withdraw my request.

Member Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**ACCEPT**

I have received and reviewed the calculation performed by Lauterbach & Amen, LLP in response to my portability transfer request. I am submitting this form as my official notice that I wish to pursue the purchase of creditable service as outlined in the attached calculation. I formally authorize my Prior Pension Fund to remit payment to my Current Pension Fund per the calculations provided. I understand this creditable service may not be transferred to another pension fund until all the costs are paid in full and I have completed 2 active (non-transferred) years of service with the Pekin Police Pension Fund.

Member Signature: Kelley Noetzol Date: 3/29/24



January 18, 2024

**Information Request  
Portability  
Article 3 Police Pension Fund**

Member of the Pension Board of Trustees:

We have received the attached application for a Portability Transfer. In order to complete this calculation, please provide or confirm the following information:

Pension Fund: **Washington Police Pension Fund**

Participant Name: **Kelley C. Noetzol**

Date of Birth:

[Redacted]

Date of Hire (Entry Date):

09/16/2021

Last Day Worked:

11/03/2023

Total Unpaid Breaks in Service (if applicable):

     Less Days

Total Creditable Service:

  2   Years   1   Months  19  Days

**Member Contributions made to the Washington Police Pension Fund:**

Pre-Tax Contributions:

\$ 11,883.95

After-Tax Contributions:

\$ 0.00

Total Contributions:

\$ 11,883.95

Date of Contribution Refund (if applicable):

  N/A  

**Amount of funds to be transferred to Pekin Police Pension Fund:**

A) Total Member Contributions:

\$ 11,883.95

B) 6% Interest on member contributions, calculated from the date of each payroll deduction until the estimated payment date.

\$ 1,034.14

C) Employer Match (Member Contributions + Calculated 6% Interest)

\$ 12,918.09

D) The total of Member Contributions, Interest, and Employer Contributions

\$ 25,836.18

If Kelley Noetzol decides to pursue the portability transfer, Lauterbach & Amen will send the Washington Police Pension Fund a written authorization. The Washington Police Pension Fund should not remit any funds until receipt of both this authorization and payment in full of a contribution refund, if applicable.

By signing below, I certify that the information above is accurate to the best of my knowledge:

Name: Joanie Baxter

Signature:


Title: Finance Director

Date: 2/9/2024

Please submit this form to Lauterbach & Amen, LLP via:

- Email to [awascher@lauterbachamen.com](mailto:awascher@lauterbachamen.com)
- Fax to 866.952.2430

**CITY OF WASHINGTON  
POLICE PENSION FUND**

TO: Police Pension Board  
FROM: Joanie Baxter, Finance Director   
DATE: April 24, 2024  
SUBJECT: Police Pension Fund Actuarial Report – 2023 tax levy

I have attached as a separate item, the final Actuarial Report as completed by Foster & Foster. The recommended tax levy as determined in November was included in the 2023 tax levy approved by the City Council.

Keeping the interest rate assumption at 6.75% results in an employer total contribution of \$863,501. A tax levy of \$830,500 was included as recommended by the Police Pension Board to the City Council after a reduction due to Personal Property Replacement Tax. The Board also requested consideration by the City Council of an additional contribution of up to \$100,000 for the Police Pension Fund tax levy.

The City Council granted the request of an additional \$100,000 and a tax levy of \$930,500 was approved on December 18, 2023.

**HIGH RISK HOME LOAN ACT**  
(Effective August 28, 2007)

**COMPLIANCE FOR CALANDER YEAR 2024**  
(Due by May 15th annually)

INSTITUTION	DATE MAILED	DATE COMPLIED	ADDITIONAL COMMENTS
Morton Community Bank 721 West Jackson Morton, IL 61550	3/18/2024	4/24/2024	Second request sent 04/17/24 _____ _____ _____
CEFCU P.O. Box 1715 Peoria, IL 61656-1715 Attn: VP Mortgage Lending	3/18/2024	4/1/2024	_____ _____ _____
Heartland Bank & Trust 401 North Hershey Road P.O. Box 67 Bloomington, IL 61702-0067	N/A	x	No current accounts. _____ _____ _____
Ipava State Bank 116 Washington Square Washington, IL 61571	X	2/8/2024	_____ _____ _____
Washington State Bank 1110 Peoria Street Washington, IL 61571	3/18/2024	4/1/2024	_____ _____ _____



CITY OF WASHINGTON  
POLICE PENSION FUND  
ACTUARIAL VALUATION  
AS OF MAY 1, 2023  
CONTRIBUTIONS APPLICABLE TO THE  
PLAN/FISCAL YEAR ENDING APRIL 30, 2025



**FOSTER & FOSTER**  
ACTUARIES AND CONSULTANTS



October 24, 2023

Ms. Joan E. Baxter  
City of Washington Police Pension Fund

Re: Actuarial Valuation Report – City of Washington Police Pension Fund

Dear Ms. Baxter:

We are pleased to present to the City this report of the annual actuarial valuation of the City of Washington Police Pension Fund. The funding 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. Use of the results for other purposes may not be applicable and could produce significantly different results.

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 Article 3, Illinois Pension Code, 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. Future actuarial measurements may differ significantly from the current measurements presented in this report for a variety of reasons including: changes in applicable laws, changes in plan provisions, changes in assumptions, or plan experience differing from expectations. Due to the limited scope of the valuation, we did not perform an analysis of the potential range of such future measurements.

The funding percentages and unfunded accrued liability as measured based on the actuarial value of assets will differ from similar measures based on the market value of assets. These measures, as provided, are appropriate for determining the adequacy of future contributions, but may not be appropriate for the purpose of settling a portion or all of its liabilities.

In conducting the valuation, we have relied on personnel, plan design, and asset information supplied by the City, 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.

In performing the analysis, we used third-party software to model (calculate) the underlying liabilities and costs. These results are reviewed in the aggregate and for individual sample lives. The output from the software is either used directly or input into internally developed models to generate the costs. All internally developed models are reviewed as part of the process. As a result of this review, we believe that the models have produced reasonable results. We do not believe there are any material inconsistencies among assumptions or unreasonable output produced due to the aggregation of assumptions.

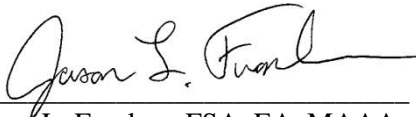
The undersigned are familiar with the immediate and long-term aspects of pension valuations and meet the Qualification Standards of the American Academy of Actuaries necessary to render the actuarial opinions contained herein. All of the sections of this report are considered an integral part of the 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 Washington, nor does anyone at Foster & Foster, Inc. act as a member of the Board of Trustees of the City of Washington Police Pension Fund. 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 us at 630-620-0200.

Respectfully submitted,

Foster & Foster, Inc.

By:   
Jason L. Franken, FSA, EA, MAAA

By:   
Heidi E. Andorfer, FSA, EA, MAAA

JLF/lke  
Enclosures

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## SUMMARY OF REPORT

The regular annual actuarial valuation of the City of Washington Police Pension Fund, performed as of May 1, 2023, has been completed and the results are presented in this report. The contribution amounts set forth herein are applicable to the plan/fiscal year ended April 30, 2025.

The contribution requirements, compared with those set forth in the May 1, 2022 actuarial report, are as follows:

Valuation Date	5/1/2023	5/1/2022
Applicable to Fiscal Year Ending	<u>4/30/2025</u>	<u>4/30/2024</u>
Total Recommended Contribution	\$1,034,185	\$959,481
% of Projected Annual Payroll	60.0%	58.9%
Member Contributions (Est.)	(170,684)	(161,527)
% of Projected Annual Payroll	(9.9%)	(9.9%)
City Recommended Contribution	863,501	797,954
% of Projected Annual Payroll	50.1%	49.0%

As you can see, the Total Recommended Contribution shows an increase when compared to the results determined in the May 1, 2022 actuarial valuation report. The increase is mainly attributable to unfavorable plan experience and the natural increase in the amortization payment due to the payroll growth assumption.

Plan experience was unfavorable overall on the basis of the plan's actuarial assumptions. Sources of unfavorable experience included an investment return of 4.09% (Actuarial Asset Basis) which fell short of the 6.75% assumption, more retirements than expected, and lower than expected inactive mortality. There were no significant sources of favorable experience.

## CHANGES SINCE PRIOR VALUATION

### Plan Changes Since Prior Valuation

There were no plan changes since the prior valuation.

### Actuarial Assumption/Method Changes Since Prior Valuation

There were no assumption or method changes since the prior valuation.

COMPARATIVE SUMMARY OF PRINCIPAL VALUATION RESULTS

	<u>5/1/2023</u>	<u>5/1/2022</u>
<b>A. Participant Data</b>		
Number Included		
Actives	23	22
Service Retirees	10	9
Beneficiaries	4	4
Disability Retirees	0	0
Terminated Vested	<u>4</u>	<u>4</u>
Total	41	39
Total Annual Payroll	\$1,722,340	\$1,629,944
Payroll Under Assumed Ret. Age	1,722,340	1,629,944
Annual Rate of Payments to:		
Service Retirees	629,219	555,758
Beneficiaries	162,201	162,201
Disability Retirees	0	0
Terminated Vested	0	0
<b>B. Assets</b>		
Actuarial Value	9,851,630	9,325,564
Market Value	9,237,750	8,906,853
<b>C. Liabilities</b>		
Present Value of Benefits		
Actives		
Retirement Benefits	8,167,758	8,243,370
Disability Benefits	881,548	823,864
Death Benefits	125,982	116,344
Vested Benefits	501,942	446,456
Service Retirees	10,344,714	8,945,836
Beneficiaries	1,340,930	1,382,405
Disability Retirees	0	0
Terminated Vested	<u>14,864</u>	<u>14,864</u>
Total	21,377,738	19,973,139

C. Liabilities - (Continued)	<u>5/1/2023</u>	<u>5/1/2022</u>
Present Value of Future Salaries	19,746,696	17,926,921
Present Value of Future Member Contributions	1,956,898	1,776,558
Normal Cost (Retirement)	299,190	294,810
Normal Cost (Disability)	56,459	54,667
Normal Cost (Death)	7,792	7,098
Normal Cost (Vesting)	<u>36,010</u>	<u>33,982</u>
Total Normal Cost	399,451	390,557
Present Value of Future Normal Costs	4,120,069	3,863,826
Accrued Liability (Retirement)	5,012,809	5,267,577
Accrued Liability (Disability)	280,737	263,708
Accrued Liability (Death)	36,620	36,505
Accrued Liability (Vesting)	226,995	198,418
Accrued Liability (Inactives)	<u>11,700,508</u>	<u>10,343,105</u>
Total Actuarial Accrued Liability	17,257,669	16,109,313
Unfunded Actuarial Accrued Liability (UAAL)	7,406,039	6,783,749
Funded Ratio (AVA / AL)	57.1%	57.9%



	<u>5/1/2023</u>	<u>5/1/2022</u>
D. Actuarial Present Value of Accrued Benefits		
Vested Accrued Benefits		
Inactives	11,700,508	10,343,105
Actives	1,115,427	1,334,883
Member Contributions	<u>1,238,276</u>	<u>1,227,880</u>
Total	14,054,211	12,905,868
Non-vested Accrued Benefits	<u>253,316</u>	<u>375,006</u>
Total Present Value Accrued Benefits	14,307,527	13,280,874
Funded Ratio (MVA / PVAB)	64.6%	67.1%
Increase (Decrease) in Present Value of Accrued Benefits Attributable to:		
Plan Amendments	0	
Assumption Changes	0	
Plan Experience	895,411	
Benefits Paid	(740,234)	
Interest	871,476	
Other	<u>0</u>	
Total	1,026,653	

Valuation Date	5/1/2023	5/1/2022
Applicable to Fiscal Year Ending	<u>4/30/2025</u>	<u>4/30/2024</u>

E. Pension Cost

Normal Cost <sup>1</sup>	\$426,414	\$416,920
% of Total Annual Payroll <sup>1</sup>	24.7	25.6
Administrative Expenses <sup>1</sup>	8,599	16,361
% of Total Annual Payroll <sup>1</sup>	0.5	1.0
Payment Required to Amortize Unfunded Actuarial Accrued Liability over 17 years (as of 5/1/2023) <sup>1</sup>	599,172	526,200
% of Total Annual Payroll <sup>1</sup>	34.8	32.3
Total Recommended Contribution	1,034,185	959,481
% of Total Annual Payroll <sup>1</sup>	60.0	58.9
Expected Member Contributions <sup>1</sup>	(170,684)	(161,527)
% of Total Annual Payroll <sup>1</sup>	(9.9)	(9.9)
Expected City Contribution	863,501	797,954
% of Total Annual Payroll <sup>1</sup>	50.1	49.0

F. Past Contributions

Plan Years Ending:	<u>4/30/2023</u>
Total Recommended Contribution	885,772
City	713,027
Actual Contributions Made:	
Members (excluding buyback)	172,745
City	<u>715,118</u>
Total	887,863

G. Net Actuarial (Gain)/Loss 643,307

<sup>1</sup> Contributions developed as of 5/1/2023 displayed above have been adjusted to account for assumed interest.

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

<u>Year</u>	<u>Projected Unfunded Accrued Liability</u>
2023	7,406,039
2024	7,306,775
2025	7,181,337
2029	6,367,040
2033	4,905,832
2036	3,238,899
2040	0

I. (i) 5 Year Comparison of Actual and Assumed Salary Increases

		<u>Actual</u>	<u>Assumed</u>
Year Ended	4/30/2023	4.42%	5.76%
Year Ended	4/30/2022	6.74%	5.54%
Year Ended	4/30/2021	4.20%	5.44%
Year Ended	4/30/2020	4.68%	5.67%
Year Ended	4/30/2019	3.67%	6.04%

(ii) 5 Year Comparison of Investment Return on Actuarial Value

		<u>Actual MVA</u>	<u>Actual AVA</u>	<u>Assumed</u>
Year Ended	4/30/2023	2.11%	4.09%	6.75%
Year Ended	4/30/2022	-3.11%	-2.03%	6.75%
Year Ended	4/30/2021	17.89%	6.74%	6.75%
Year Ended	4/30/2020	0.20%	3.54%	6.75%
Year Ended	4/30/2019	4.44%	4.27%	6.75%

DEVELOPMENT OF MAY 1, 2023 AMORTIZATION PAYMENT

(1)	Unfunded Actuarial Accrued Liability as of May 1, 2022	\$6,783,749
(2)	Sponsor Normal Cost developed as of May 1, 2022	229,030
(3)	Expected administrative expenses for the year ended April 30, 2023	15,326
(4)	Expected interest on (1), (2) and (3)	473,880
(5)	Sponsor contributions to the System during the year ended April 30, 2023	715,118
(6)	Expected interest on (5)	24,135
(7)	Expected Unfunded Actuarial Accrued Liability as of April 30, 2023, (1)+(2)+(3)+(4)-(5)-(6)	6,762,732
(8)	Change to UAAL due to Assumption Change	0
(9)	Change to UAAL due to Actuarial (Gain)/Loss	643,307
(10)	Unfunded Accrued Liability as of May 1, 2023	7,406,039
(11)	UAAL Subject to Amortization (100% AAL less Actuarial Assets)	7,406,039

<u>Date</u> <u>Established</u>	<u>Years</u> <u>Remaining</u>	<u>5/1/2023</u> <u>Amount</u>	<u>Amortization</u> <u>Amount</u>
5/1/2023	17	7,406,039	561,285

## DETAILED ACTUARIAL (GAIN)/LOSS ANALYSIS

(1) Unfunded Actuarial Accrued Liability (UAAL) as of May 1, 2022	\$6,783,749
(2) Expected UAAL as of May 1, 2023	6,762,732
(3) Summary of Actuarial (Gain)/Loss, by component:	
Investment Return (Actuarial Asset Basis)	250,083
Salary Increases	(36,655)
Active Decrements	124,500
Inactive Mortality	80,692
Other	<u>224,687</u>
Change in UAAL due to (Gain)/Loss	643,307
Change to UAAL due to Assumption Change	<u>0</u>
(4) Actual UAAL as of May 1, 2023	\$7,406,039

## RECONCILIATION OF CHANGES IN CONTRIBUTION REQUIREMENT

(1) Contribution Determined as of May 1, 2022	\$	797,954
(2) Summary of Contribution Impact by component:		
Change in Normal Cost		9,494
Change in Assumed Administrative Expense		(7,762)
Investment Return (Actuarial Asset Basis)		20,232
Salary Increases		(2,966)
New Entrants		950
Active Decrements		10,072
Inactive Mortality		6,528
Contributions (More) or Less than Recommended		(175)
Increase in Amortization Payment Due to Payroll Growth Assumption		17,101
Change in Expected Member Contributions		(9,157)
Assumption Change		-
Other		<u>21,230</u>
Total Change in Contribution		65,547
(3) Contribution Determined as of May 1, 2023		\$863,501

## STATUTORY MINIMUM REQUIRED CONTRIBUTION

Contribution requirements shown on this page are calculated according to statutory minimum funding requirements of the Illinois Pension Code. We do not believe this method is sufficient to fund future benefits; as such, we recommend funding according to the contributions developed in Section E of this report.

Valuation Date	5/1/2023
Applicable to Fiscal Year Ending	<u>4/30/2025</u>
Actuarial Accrued Liability (PUC)	16,446,277
Actuarial Value of Assets	<u>9,851,630</u>
Unfunded Actuarial Accrued Liability (UAAL)	6,594,647
UAAL Subject to Amortization	4,950,019
Normal Cost <sup>1</sup>	\$441,677
% of Total Annual Payroll <sup>1</sup>	25.6
Administrative Expenses <sup>1</sup>	8,599
% of Total Annual Payroll <sup>1</sup>	0.5
Payment Required to Amortize Unfunded Actuarial Accrued Liability over 17 years (as of 5/1/2023) <sup>1</sup>	400,472
% of Total Annual Payroll <sup>1</sup>	23.3
Total Required Contribution	850,748
% of Total Annual Payroll <sup>1</sup>	49.4
Expected Member Contributions <sup>1</sup>	(170,684)
% of Total Annual Payroll <sup>1</sup>	(9.9)
Expected City Contribution	680,064
% of Total Annual Payroll <sup>1</sup>	39.5

Assumptions and Methods:

Actuarial Cost Method	Projected Unit Credit
Amortization Method	90% Funding by 2040

All other assumptions and methods are as described in the Actuarial Assumptions and Methods section.

<sup>1</sup> Contributions developed as of 5/1/2023 displayed above have been adjusted to account for assumed interest.

PROJECTION OF BENEFIT PAYMENTS

Year	Payments for Current Actives	Payments for Current Inactives	Total Payments
2023	26,303	801,310	827,613
2024	47,742	798,196	845,938
2025	71,943	813,023	884,966
2026	97,178	826,031	923,209
2027	119,551	838,725	958,276
2028	140,030	851,021	991,051
2029	164,868	862,830	1,027,698
2030	203,213	874,061	1,077,274
2031	251,390	884,620	1,136,010
2032	296,936	894,399	1,191,335
2033	346,911	903,278	1,250,189
2034	399,082	911,112	1,310,194
2035	455,958	917,718	1,373,676
2036	509,726	922,877	1,432,603
2037	570,759	926,317	1,497,076
2038	650,088	927,737	1,577,825
2039	724,098	926,795	1,650,893
2040	792,201	923,120	1,715,321
2041	859,244	916,351	1,775,595
2042	946,634	906,149	1,852,783
2043	1,043,266	892,223	1,935,489
2044	1,119,313	874,358	1,993,671
2045	1,195,705	852,466	2,048,171
2046	1,260,987	826,577	2,087,564
2047	1,338,938	796,826	2,135,764
2048	1,407,622	763,442	2,171,064
2049	1,487,522	726,705	2,214,227
2050	1,558,779	687,011	2,245,790
2051	1,632,438	644,838	2,277,276
2052	1,712,857	600,706	2,313,563
2053	1,811,305	555,163	2,366,468
2054	1,904,056	508,810	2,412,866
2055	1,970,696	462,272	2,432,968
2056	2,036,117	416,195	2,452,312
2057	2,087,373	371,219	2,458,592
2058	2,123,034	327,923	2,450,957
2059	2,150,757	286,823	2,437,580
2060	2,171,151	248,331	2,419,482
2061	2,184,351	212,780	2,397,131
2062	2,191,947	180,387	2,372,334



## ACTUARIAL ASSUMPTIONS AND METHODS

Interest Rate	6.75% per year compounded annually, net of investment related expenses.
Mortality Rate	<p><b>Active Lives:</b> PubS-2010 Employee mortality, unadjusted, with generational improvements with most recent projection scale (currently Scale MP-2021). 10% of active deaths are assumed to be in the line of duty.</p> <p><b>Inactive Lives:</b> PubS-2010 Healthy Retiree mortality, adjusted by a factor of 1.15 for male retirees and unadjusted for female retirees, with generational improvements with most recent projection scale (currently Scale MP-2021).</p> <p><b>Beneficiaries:</b> PubS-2010 Survivor mortality, unadjusted for male beneficiaries and adjusted by a factor of 1.15 for female beneficiaries, with generational improvements with most recent projection scale (currently Scale MP-2021).</p> <p><b>Disabled Lives:</b> PubS-2010 Disabled mortality, adjusted by a factor of 1.08 for male disabled members and unadjusted for female disabled members, with generational improvements with most recent projection scale (currently Scale MP-2021).</p> <p>The mortality assumptions sufficiently accommodate anticipated future mortality improvements.</p>
Retirement Age	See table at end of this section. This is based on a 2022 experience study performed for the Illinois Police Officers' Pension Investment Fund.
Disability Rate	See table at end of this section. 60% of the disabilities are assumed to be in the line of duty. This is based on a 2022 experience study performed for the Illinois Police Officers' Pension Investment Fund.
Termination Rate	See table at end of this section. This is based on a 2022 experience study performed for the Illinois Police Officers' Pension Investment Fund.

Salary Increases

See table below. This is based on a 2022 experience study performed for the Illinois Police Officers’ Pension Investment Fund.

Salary Scale	
Service	Rate
0	11.00%
1	9.50%
2	8.00%
3	7.50%
4	7.00%
5	6.00%
6	5.00%
7 - 11	4.00%
12 - 29	3.75%
30+	3.50%

Inflation

2.50%.

Cost-of-Living Adjustment

Tier 1: 3.00% per year after age 55. Those that retire prior to age 55 receive an increase of 1/12 of 3.00% for each full month since benefit commencement upon reaching age 55.

Tier 2: 1.25% per year after the later of attainment of age 60 or first anniversary of retirement.

Marital Status

80% of Members are assumed to be married.

Spouse’s Age

Males are assumed to be three years older than females.

Funding Method

Entry Age Normal Cost Method.

Actuarial Asset Method

Investment gains and losses are smoothed over a 5-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 the Market Value of Assets.

Funding Policy Amortization Method

The UAAL is amortized according to a Level Percentage of Payroll method over a period ending in 2040. The initial amortization amount is 100% of the Accrued Liability less the Actuarial Value of Assets.

Payroll Growth

3.25% per year.

Administrative Expenses

Expenses paid out of the fund other than investment-related expenses are assumed to be equal to those paid in the previous year.

Decrement Tables

<u>% Terminating During the Year</u>		<u>% Becoming Disabled During the Year</u>		<u>% Retiring During the Year (Tier 1)</u>		<u>% Retiring During the Year (Tier 2)</u>	
<u>Service</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>
0	13.00%	20	0.000%	50 - 54	20%	50 - 54	5%
1	8.00%	25	0.029%	55 - 62	25%	55	40%
2	7.00%	30	0.133%	63	33%	56 - 62	25%
3	6.00%	35	0.247%	64	40%	63	33%
4	5.00%	40	0.399%	65 - 69	55%	64	40%
5	4.50%	45	0.561%	70+	100%	65 - 69	55%
6	4.00%	50	0.675%			70+	100%
7	3.50%	55	0.855%				
8	3.00%	60	1.093%				
9	2.50%						
10	2.25%						
11	2.00%						
12	1.75%						
13	1.50%						
14+	1.25%						

## GLOSSARY

Total Annual Payroll is the projected annual rate of pay for the fiscal year following the valuation date of 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.

Accrued Actuarial Liability is determined according to the plan's actuarial cost method. This amount represents the portion of the anticipated future benefits allocated to years prior to the valuation date.

Normal (Current Year's) Cost is the current year's cost for benefits yet to be funded.

Market Value of Assets is the fair market value of plan assets as of the valuation date. This amount may be adjusted to produce an Actuarial Value of Assets for plan funding purposes.

Actuarial Value of Assets is the asset value used in the valuation to determine contribution requirements. It represents the plan's Market Value of Assets, with adjustments according to the Actuarial Asset Method. These adjustments produce a "smoothed" value that is likely to be less volatile from year to year than the Market Value of Assets.

Unfunded Accrued Liability is the excess of the Accrued Actuarial Liability over the Actuarial Value of Assets.

Total Recommended Contribution is equal to the Normal Cost plus an amount sufficient to amortize the Unfunded Accrued Liability over a period ending in 2040. The recommended amount is adjusted for interest according to the timing of contributions during the year.

Entry Age Normal Cost Method - Under this method, the normal cost is the sum of the individual normal costs for all active participants. For an active participant, the normal cost is the participant's normal cost accrual rate, multiplied by the participant's current compensation.

- (a) The normal cost accrual rate equals:
  - (i) the present value of future benefits for the participant, determined as of the participant's entry age, divided by
  - (ii) the present value of the compensation expected to be paid to the participant for each year of the participant's anticipated future service, determined as of the participant's entry age.
- (b) In calculating the present value of future compensation, the salary scale is applied both retrospectively and prospectively to estimate compensation in years prior to and subsequent to the valuation year based on the compensation used for the valuation.
- (c) The accrued liability is the sum of the individual accrued liabilities for all participants and beneficiaries. A participant's accrued liability equals the present value, at the participant's attained age, of future benefits less the present value at the participant's attained age of the individual normal costs payable in the future. A beneficiary's accrued liability equals the present value, at the beneficiary's attained age, of future benefits.
- (d) Under this method, the entry age used for each active participant is the participant's age at the time he or she would have commenced participation if the plan had always been in existence under current terms, or the age as of which he or she first earns service credits for purposes of benefit accrual under the current terms of the plan.

## DISCUSSION OF RISK

ASOP No. 51, Assessment and Disclosure of Risk Associated with Measuring Pension Obligations and Determining Pension Plan Contributions, states that the actuary should identify risks that, in the actuary's professional judgment, may reasonably be anticipated to significantly affect the plan's future financial condition.

Throughout this report, actuarial results are determined under various assumption scenarios. These results are based on the premise that all future plan experience will align with the plan's actuarial assumptions; however, there is no guarantee that actual plan experience will align with the plan's assumptions. It is possible that actual plan experience will differ from anticipated experience in an unfavorable manner that will negatively impact the plan's funded position.

Below are examples of ways in which plan experience can deviate from assumptions and the potential impact of that deviation. Typically, this results in an actuarial gain or loss representing the current-year financial impact on the plan's unfunded liability of the experience differing from assumptions; this gain or loss is amortized over a period of time determined by the plan's amortization method. When assumptions are selected that adequately reflect plan experience, gains and losses typically offset one another in the long term, resulting in a relatively low impact on the plan's contribution requirements associated with plan experience. When assumptions are too optimistic, losses can accumulate over time and the plan's amortization payment could potentially grow to an unmanageable level.

- Investment Return: When the rate of return on the Actuarial Value of Assets falls short of the assumption, this produces a loss representing assumed investment earnings that were not realized. Further, it is unlikely that the plan will experience a scenario that matches the assumed return in each year as capital markets can be volatile from year to year. Therefore, contribution amounts can vary in the future.
- Salary Increases: When a plan participant experiences a salary increase that was greater than assumed, this produces a loss representing the cost of an increase in anticipated plan benefits for the participant as compared to the previous year. The total gain or loss associated with salary increases for the plan is the sum of salary gains and losses for all active participants.
- Payroll Growth: The plan's payroll growth assumption, if one is used, causes a predictable annual increase in the plan's amortization payment in order to produce an amortization payment that remains constant as a percentage of payroll if all assumptions are realized. If payroll does not increase according to the plan's payroll growth assumption, the plan's amortization payment can increase significantly as a percentage of payroll even if all assumptions other than the payroll growth assumption are realized.
- Demographic Assumptions: Actuarial results take into account various potential events that could happen to a plan participant, such as retirement, termination, disability, and death. Each of these potential events is assigned a liability based on the likelihood of the event and the financial consequence of the event for the plan. Accordingly, actuarial liabilities reflect a blend of financial consequences associated with various possible outcomes (such as retirement at one of various possible ages). Once the outcome is known (e.g. the participant retires) the liability is adjusted to reflect the known outcome. This adjustment produces a gain or loss depending on whether the outcome was more or less favorable than other outcomes that could have occurred.

- **Contribution Risk:** This risk results from the potential that actual employer contributions may deviate from actuarially determined contributions, which are determined in accordance with the Board’s funding policy. The funding policy is intended to result in contribution requirements that if paid when due, will result in a reasonable expectation that assets will accumulate to be sufficient to pay plan benefits when due. Contribution deficits, particularly large deficits and those that occur repeatedly, increase future contribution requirements and put the plan at risk for not being able to pay plan benefits when due.

### Impact of Plan Maturity on Risk

For newer pension plans, most of the participants and associated liabilities are related to active members who have not yet reached retirement age. As pension plans continue in operation and active members reach retirement ages, liabilities begin to shift from being primarily related to active members to being shared amongst active and retired members. Plan maturity is a measure of the extent to which this shift has occurred. It is important to understand that plan maturity can have an impact on risk tolerance and the overall risk characteristics of the plan. For example, plans with a large amount of retired liability do not have as long of a time horizon to recover from losses (such as losses on investments due to lower than expected investment returns) as plans where the majority of the liability is attributable to active members. For this reason, less tolerance for investment risk may be warranted for highly mature plans with a substantial inactive liability. Similarly, mature plans paying substantial retirement benefits resulting in a small positive or net negative cash flow can be more sensitive to near term investment volatility, particularly if the size of the fund is shrinking, which can result in less assets being available for investment in the market.

To assist with determining the maturity of the plan, we have provided some relevant metrics in the table following titled “Plan Maturity Measures and Other Risk Metrics”. Highlights of this information are discussed below:

- The Support Ratio, determined as the ratio of active to inactive members, has decreased from 131.3% on May 1, 2020 to 127.8% on May 1, 2023, indicating that the plan has been maturing.
- The Accrued Liability Ratio, determined as the ratio of the Inactive Accrued Liability, which is the liability associated with members who are no longer employed but are due a benefit from the plan, to the Total Accrued Liability, is 67.8%. With a plan of this maturity, losses due to lower than expected investment returns or demographic factors will need to be made up for over a shorter time horizon than would be needed for a less mature plan.
- The Funded Ratio, determined as the ratio of the Actuarial Value of Assets to the Total Accrued Liability, has decreased from 59.3% on May 1, 2020 to 57.1% on May 1, 2023, due mainly to plan experience.
- The Net Cash Flow Ratio, determined as the ratio of the Net Cash Flow (contributions minus benefit payments and administrative expenses) to the Market Value of Assets, stayed approximately the same from May 1, 2020 to May 1, 2023. The current Net Cash Flow Ratio of 1.5% indicates that contributions are generally covering the plan's benefit payments and administrative expenses.

### Low Default-Risk Obligation Measure

ASOP No. 4, Measuring Pension Obligations and Determining Pension Plan Costs or Contributions, was revised as of December 2021 to include a “low-default-risk obligation measure” (LDROM). This liability measure is consistent with the determination of the actuarial accrued liability shown on page 8 in terms of member data, plan provisions, and assumptions/methods, including the use of the Entry Age Normal Cost Method, except that the interest rate is tied to low-default-risk fixed income securities. The S&P Municipal Bond 20 Year High Grade Rate Index (daily rate closest to, but not later than, the measurement date) was selected to represent a current market rate of low risk but longer-term investments that could be included in a low-risk asset portfolio. The interest rate used in this valuation was 4.14%, resulting in an LDROM of \$25,349,525. The LDROM should not be considered the “correct” liability measurement; it simply shows a possible outcome if the Board elected to hold a very low risk asset portfolio. Given that plan benefits are paid over time through the combination of contributions and investment returns, prudent investments selected by the Board help to balance asset accumulation through these two sources.

It is important to note that the actuary has identified the risks above as the most significant risks based on the characteristics of the plan and the nature of the project, however, it is not an exhaustive list of potential risks that could be considered. Additional advanced modeling, as well as the identification of additional risks, can be provided at the request of the audience addressed on page 2 of this report.

PLAN MATURITY MEASURES AND OTHER RISK METRICS

	<u>5/1/2023</u>	<u>5/1/2022</u>	<u>5/1/2021</u>	<u>5/1/2020</u>
<u>Support Ratio</u>				
Total Actives	23	22	22	21
Total Inactives	18	17	16	16
Actives / Inactives	127.8%	129.4%	137.5%	131.3%

Asset Volatility Ratio

Market Value of Assets (MVA)	9,237,750	8,906,853	9,838,568	8,247,378
Total Annual Payroll	1,722,340	1,629,944	1,645,994	1,521,288
MVA / Total Annual Payroll	536.3%	546.5%	597.7%	542.1%

Accrued Liability (AL) Ratio

Inactive Accrued Liability	11,700,508	10,343,105	9,528,961	9,493,244
Total Accrued Liability	17,257,669	16,109,313	15,526,140	14,856,346
Inactive AL / Total AL	67.8%	64.2%	61.4%	63.9%

Funded Ratio

Actuarial Value of Assets (AVA)	9,851,630	9,325,564	9,506,948	8,803,784
Total Accrued Liability	17,257,669	16,109,313	15,526,140	14,856,346
AVA / Total Accrued Liability	57.1%	57.9%	61.2%	59.3%

Net Cash Flow Ratio

Net Cash Flow <sup>1</sup>	141,885	11,375	106,261	154,984
Market Value of Assets (MVA)	9,237,750	8,906,853	9,838,568	8,247,378
Ratio	1.5%	0.1%	1.1%	1.9%

<sup>1</sup> Determined as total contributions minus benefit payments and administrative expenses.



STATEMENT OF FIDUCIARY NET POSITION  
April 30, 2023

<u>ASSETS</u>	MARKET VALUE
Cash and Cash Equivalents:	
Checking Account	6,209
Certificates of Deposit	331,886
Money Market	1,098,148
Total Cash and Equivalents	1,436,243
Receivables:	
Accrued Past Due Interest	895
Total Receivable	895
Investments:	
Pooled/Common/Commingled Funds	7,800,612
Total Investments	7,800,612
Total Assets	9,237,750
 <u>LIABILITIES</u>	
Total Liabilities	0
Net Assets:	
Active and Retired Members' Equity	9,237,750
NET POSITION RESTRICTED FOR PENSIONS	9,237,750
TOTAL LIABILITIES AND NET ASSETS	9,237,750

STATEMENT OF CHANGES IN FIDUCIARY NET POSITION  
FOR THE YEAR ENDED April 30, 2023  
Market Value Basis

ADDITIONS

Contributions:		
Member	172,745	
Miscellaneous Member Revenue	2,311	
City	715,118	
 Total Contributions		 890,174
Investment Income:		
Miscellaneous Income	51	
Net Realized Gain (Loss)	522,925	
Unrealized Gain (Loss)	(426,212)	
Net Increase in Fair Value of Investments		96,764
Interest & Dividends		99,627
Less Investment Expense <sup>1</sup>		(7,379)
 Net Investment Income		 189,012
 Total Additions		 1,079,186

DEDUCTIONS

Distributions to Members:		
Benefit Payments	738,323	
Refund of Contributions/Transfers	1,911	
 Total Distributions		 740,234
 Administrative Expenses		 8,055
 Total Deductions		 748,289
 Net Increase in Net Position		 330,897

NET POSITION RESTRICTED FOR PENSIONS

Beginning of the Year	8,906,853
End of the Year	9,237,750

<sup>1</sup> Investment Related expenses include investment advisory, custodial and performance monitoring fees.

ACTUARIAL ASSET VALUATION

April 30, 2023

Development of Actuarial Value of Assets

Market Value of Assets, 4/30/2023	9,237,750
(Gains)/Losses Not Yet Recognized	613,880
Actuarial Value of Assets, 4/30/2023	9,851,630
4/30/2023 Limited Actuarial Assets:	9,851,630

Development of Investment Gain/Loss

Market Value of Assets, 4/30/2022	8,906,853
Contributions Less Benefit Payments & Administrative Expenses	141,885
Expected Investment Earnings <sup>1</sup>	606,001
Actual Net Investment Earnings	189,012
2023 Actuarial Investment Gain/(Loss)	(416,989)

<sup>1</sup> Expected Investment Earnings = 6.75% x (8,906,853 + 0.5 x 141,885)

Gains/(Losses) Not Yet Recognized

Plan Year	Gain/(Loss)	Amounts Not Yet Recognized by Valuation Year				
Ending		2023	2024	2025	2026	2027
4/30/2020	(533,705)	(106,741)	0	0	0	0
4/30/2021	924,645	369,858	184,929	0	0	0
4/30/2022	(905,676)	(543,406)	(362,270)	(181,135)	0	0
4/30/2023	(416,989)	(333,591)	(250,193)	(166,796)	(83,398)	0
Total		(613,880)	(427,534)	(347,931)	(83,398)	0

Development of Asset Returns

(A) 4/30/2022 Actuarial Assets:	9,325,564
(I) Net Investment Income:	
1. Interest and Dividends	99,678
2. Realized Gains (Losses)	522,925
3. Change in Actuarial Value	(231,043)
4. Investment Expenses	(7,379)
Total	384,181
(B) 4/30/2023 Actuarial Assets:	9,851,630
Actuarial Asset Rate of Return = (2 x I) / (A + B - I):	4.09%
Market Value of Assets Rate of Return:	2.11%
Actuarial Gain/(Loss) due to Investment Return (Actuarial Asset Basis)	(250,083)

CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS  
 April 30, 2023  
 Actuarial Asset Basis

INCOME		
Contributions:		
Member	172,745	
Miscellaneous Member Revenue	2,311	
City	715,118	
Total Contributions		890,174
Earnings from Investments		
Interest & Dividends	99,627	
Miscellaneous Income	51	
Net Realized Gain (Loss)	522,925	
Change in Actuarial Value	(231,043)	
Total Earnings and Investment Gains		391,560
EXPENSES		
Administrative Expenses:		
Investment Related <sup>1</sup>	7,379	
Other	8,055	
Total Administrative Expenses		15,434
Distributions to Members:		
Benefit Payments	738,323	
Refund of Contributions/Transfers	1,911	
Total Distributions		740,234
Change in Net Assets for the Year		526,066
Net Assets Beginning of the Year		9,325,564
Net Assets End of the Year <sup>2</sup>		9,851,630

<sup>1</sup> Investment Related expenses include investment advisory, custodial and performance monitoring fees.

<sup>2</sup> Net Assets may be limited for actuarial consideration.

STATISTICAL DATA

	<u>5/1/2023</u>	<u>5/1/2022</u>	<u>5/1/2021</u>	<u>5/1/2020</u>
<u>Actives - Tier 1</u>				
Number	7	8	10	10
Average Current Age	43.5	43.7	43.6	42.6
Average Age at Employment	27.2	27.4	27.8	27.8
Average Past Service	16.3	16.3	15.8	14.8
Average Annual Salary	\$84,777	\$83,431	\$79,942	\$77,792
<u>Actives - Tier 2</u>				
Number	16	14	12	11
Average Current Age	33.3	33.6	35.4	35.1
Average Age at Employment	28.3	29.0	30.4	30.3
Average Past Service	5.0	4.6	5.0	4.8
Average Annual Salary	\$70,556	\$68,750	\$70,548	\$67,579
<u>Service Retirees</u>				
Number	10	9	8	8
Average Current Age	63.9	64.1	63.8	62.8
Average Annual Benefit	\$62,922	\$61,751	\$61,221	\$59,437
<u>Beneficiaries</u>				
Number	4	4	4	4
Average Current Age	74.6	73.6	72.6	71.6
Average Annual Benefit	\$40,550	\$40,550	\$40,550	\$40,550
<u>Disability Retirees</u>				
Number	0	0	0	0
Average Current Age	N/A	N/A	N/A	N/A
Average Annual Benefit	N/A	N/A	N/A	N/A
<u>Terminated Vested</u>				
Number	4	4	4	4
Average Current Age	36.2	35.2	35.6	34.6
Average Annual Benefit <sup>1</sup>	N/A	N/A	N/A	N/A

<sup>1</sup> Average Annual Benefit for Terminated Vested members reflects the benefit for members entitled to a future annual benefit from the plan.

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	1	1	0	0	0	0	0	0	0	0	0	2
25 - 29	1	3	0	0	0	1	0	0	0	0	0	5
30 - 34	0	0	1	0	1	0	0	0	0	0	0	2
35 - 39	0	0	0	1	0	0	4	0	0	0	0	5
40 - 44	0	0	0	0	0	1	2	1	0	0	0	4
45 - 49	0	0	0	0	0	3	0	0	0	0	0	3
50 - 54	0	0	0	0	0	0	0	0	2	0	0	2
55 - 59	0	0	0	0	0	0	0	0	0	0	0	0
60 - 64	0	0	0	0	0	0	0	0	0	0	0	0
65+	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	4	1	1	1	5	6	1	2	0	0	23

## VALUATION PARTICIPANT RECONCILIATION

### 1. Active lives

a. Number in prior valuation 5/1/2022	22
b. Terminations	
i. Vested (partial or full) with deferred benefits	0
ii. Non-vested or full lump sum distribution received	0
iii. Transferred service to other fund	0
c. Deaths	
i. Beneficiary receiving benefits	0
ii. No future benefits payable	0
d. Disabled	0
e. Retired	<u>(1)</u>
f. Continuing participants	21
g. New entrants	<u>2</u>
h. Total active life participants in valuation	23

### 2. Non-Active lives (including beneficiaries receiving benefits)

	Service Retirees, Vested Receiving <u>Benefits</u>	Receiving Death <u>Benefits</u>	Receiving Disability <u>Benefits</u>	Vested <u>Deferred</u>	<u>Total</u>
a. Number prior valuation	9	4	0	4	17
Retired	1	0	0	0	1
Vested Deferred	0	0	0	0	0
Death, With Survivor	0	0	0	0	0
Death, No Survivor	0	0	0	0	0
Disabled	0	0	0	0	0
Refund of Contributions	0	0	0	0	0
Rehires	0	0	0	0	0
Expired Annuities	0	0	0	0	0
Data Corrections	0	0	0	0	0
Hired/Termed in Same Year	0	0	0	0	0
b. Number current valuation	10	4	0	4	18

## SUMMARY OF CURRENT PLAN

### Article 3 Pension Fund

The Plan is established and administered as prescribed by “Article 3. Police Pension Fund – Municipalities 500,000 and Under” of the Illinois Pension Code.

### Plan Administration

The Plan is a single employer defined benefit pension plan administered by a Board of Trustees comprised of:

- a.) Two members appointed by the Municipality,
- b.) Two active Members of the Police Department elected by the Membership, and
- c.) One retired Member of the Police Department elected by the Membership.

### Credited Service

Complete years of service as a sworn police officer employed by the Municipality.

### Normal Retirement

Date

**Tier 1:** Age 50 and 20 years of Credited Service.

**Tier 2:** Age 55 with 10 years of Credited Service.

Benefit

**Tier 1:** 50% of annual salary attached to rank on last day of service plus 2.50% of annual salary for each year of service over 20 years, up to a maximum of 75% of salary. The minimum monthly benefit is \$1,000 per month.

**Tier 2:** 2.50% per year of service times the average salary for the 48 consecutive months of service within the last 60 months of service in which the total salary was the highest prior to retirement times the number of years of service, up to a maximum of 75% of average salary. The minimum monthly benefit is \$1,000 per month.

For Tier 2 participants, the salary is capped at a rate of \$106,800 as of 2011, indexed annually at a rate of CPI-U, but not to exceed 3.00%.

Form of Benefit

**Tier 1:** For married retirees, an annuity payable for the life of the Member; upon the death of the member, 100% of the Member’s benefit payable to the spouse until death. For unmarried retirees, the normal form is a Single Life Annuity.

**Tier 2:** Same as above, but with 66 2/3% of benefit continued to spouse.



Early Retirement

Date	<b>Tier 1:</b> Age 60 and 8 years of Credited Service. <b>Tier 2:</b> Age 50 with 10 years of Credited Service.
Benefit	<b>Tier 1:</b> Normal Retirement benefit with no minimum. <b>Tier 2:</b> Normal Retirement benefit, reduced 6.00% each year before age 55, with no minimum benefit.
Form of Benefit	Same as Normal Retirement

Disability Benefit

Eligibility	Total and permanent as determined by the Board of Trustees.
Benefit Amount	A maximum of: <ul style="list-style-type: none"><li>a.) 65% of salary attached to the rank held by Member on last day of service, and;</li><li>b.) The monthly retirement pension that the Member is entitled to receive if he or she retired immediately.</li></ul>

For non-service connected disabilities, a benefit of 50% of salary attached to rank held by Member on last day of service.

Cost-of-Living Adjustment

**Tier 1:**

*Retirees:* An annual increase equal to 3.00% per year after age 55. Those that retire prior to age 55 receive an increase of 1/12 of 3.00% for each full month since benefit commencement upon reaching age 55.

*Disabled Retirees:* An annual increase equal to 3.00% per year of the original benefit amount beginning at age 60. Those that become disabled prior to age 60 receive an increase of 3.00% of the original benefit amount for each year since benefit commencement upon reaching age 60.

**Tier 2:** An annual increase each January 1 equal to 3.00% per year or one-half of the annual unadjusted percentage increase in the consumer price index-u for the 12 months ending with the September preceding each November 1, whichever is less, of the original pension after the attainment of age 60 or first anniversary of pension start date whichever is later.

Pre-Retirement Death Benefit

Service Incurred	100% of salary attached to rank held by Member on last day of service.
Non-Service Incurred	A maximum of: <ul style="list-style-type: none"><li>a.) 54% of salary attached to the rank held by Member on last day of service, and;</li><li>b.) The monthly retirement pension earned by the deceased Member at the time of death, regardless of whether death occurs before or after age 50.</li></ul>

For non-service deaths with less than 10 years of service, a refund of member contributions is provided.

Vesting (Termination)

Vesting Service Requirement	<b>Tier 1:</b> 8 years. <b>Tier 2:</b> 10 years.
Non-Vested Benefit	Refund of Member Contributions.
Vested Benefit	Either the termination benefit, payable upon reaching age 60 (55 for Tier 2), provided contributions are not withdrawn, or a refund of member contributions. The termination benefit is 2.50% of annual salary held in the year prior to termination (4-year final average salary for Tier 2) times creditable service.

Contributions

Employee	9.91% of Salary.
Municipality	Remaining amount necessary for payment of Normal (current year's) Cost and amortization of the accrued past service liability.