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# **CITY OF HOLLYWOOD EMPLOYEES' RETIREMENT FUND**

## **CALENDAR OF ITEMS**

**REGULAR BOARD MEETING**

**June 20, 2023**

# **AGENDA ITEM 1**

## **CALL TO ORDER**

**(NO BACKUP FOR THIS SECTION)**

# **AGENDA ITEM 2**

**ROLL CALL**

**PLEDGE OF ALLEGIANCE**

# **AGENDA ITEM 2.A.**

## **AGENDA ADOPTION**



## **CITY OF HOLLYWOOD EMPLOYEES' RETIREMENT FUND**

2600 Hollywood Blvd. • City Hall Annex Building, 2<sup>ND</sup> Floor, Room 20 • Hollywood, FL 33020  
(954) 921-3333 • (954) 921-3332 Fax • [www.hollywoodpension.com](http://www.hollywoodpension.com)

### **REVISED**

#### **AGENDA**

#### **REGULAR PENSION BOARD MEETING**

**TUESDAY, JUNE 20, 2023 at 9:00 AM**

**CITY HALL, ROOM 219, 2600 HOLLYWOOD BOULEVARD**

- 1. CALL TO ORDER**
- 2. ROLL CALL AND PLEDGE OF ALLEGIANCE**
  - A. Agenda Adoption
- 3. CONSENT AGENDA**
  - A. May 23, 2023 Regular Meeting Minutes
  - B. Ratification of Distributions (Contributions and DROP) and Plan Expenses
  - C. Approval/Ratification of New Retirements/DROP/Vested/Death Annuities
- 4. FINANCIAL**
  - A. Actuarial Valuation Report as of October 1, 2022
  - B. Proposed Capital Budget Modification for Fiscal Years 2023-2024
  - C. Financial Reports and Investment Summary
- 5. INVESTMENT (Segal Marco Advisors)**
  - A. April Flash Performance Report
  - B. Fiscal Year 2022 Manager Fee Detailed Schedule
  - C. Work Plan 2023
- 6. LEGAL (Ron Cohen – Lorum Law)**
  - A. Legal Update
- 7. EXECUTIVE DIRECTOR'S REPORT**
  - A. City Commission Communication
  - B. CPMS Update
  - C. Communications from the Executive Director
- 8. PUBLIC COMMENTS**
- 9. TRUSTEE REPORTS, QUESTIONS AND COMMENTS**
- 10. ADJOURNMENT**

\*PERSONS WITH DISABILITIES WHO REQUIRE REASONABLE ACCOMMODATION TO PARTICIPATE IN AN EMPLOYEES' RETIREMENT FUND BOARD MEETING MAY CALL THE PENSION OFFICE FIVE (5) BUSINESS DAYS IN ADVANCE AT 954-921-3333 (VOICE). IF AN INDIVIDUAL IS HEARING OR SPEECH IMPAIRED, PLEASE CALL 800-955-8771 (V-TDD).\* \*ANY PERSON WISHING TO APPEAL ANY DECISION MADE BY THE BOARD WITH RESPECT TO ANY MATTER CONSIDERED AT SUCH MEETING WILL NEED A RECORD OF THE PROCEEDINGS, AND FOR SUCH PURPOSES MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDINGS IS MADE, WHICH RECORD INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS MADE.\* \*THIS MEETING MAY BE CONDUCTED BY MEANS OF OR IN CONJUNCTION WITH COMMUNICATION MEDIA TECHNOLOGY, THE TYPE BEING A SPEAKER TELEPHONE.\* \*IN COMPLIANCE OF STATE LAW, THE BOARD OF TRUSTEES FINDS THAT A PROPER AND LEGITIMATE PURPOSE IS SERVED WHEN MEMBERS OF THE PUBLIC HAVE BEEN GIVEN A REASONABLE OPPORTUNITY TO BE HEARD ON A MATTER BEFORE THE BOARD. THEREFORE, THE BOARD OF TRUSTEES HAVE DETERMINED AND DECLARED THAT THEY WILL ALLOW THE PUBLIC TO COMMENT; HOWEVER, EACH PERSON IS LIMITED TO NO MORE THAN (3) THREE MINUTES TO COMMENT AT EACH MEETING.\* \*TWO OF MORE MEMBERS OF ANY OTHER CITY BOARD, COMMISSION, OR COMMITTEE, WHO ARE NOT MEMBERS OF THE EMPLOYEES' RETIREMENT FUND BOARD MAY ATTEND THIS MEETING AND MAY, AT THAT TIME, DISCUSS MATTERS ON WHICH FORESEEABLE ACTION MAY LATER BE TAKEN BY THEIR BOARD, COMMISSION, OR COMMITTEE.\*

# **AGENDA ITEM 3.A.**

## **CONSENT AGENDA**

**May 23, 2023**

**REGULAR MEETING MINUTES**

**MINUTES  
REGULAR PENSION BOARD MEETING  
CITY OF HOLLYWOOD EMPLOYEES' RETIREMENT FUND  
TUESDAY, MAY 23, 2023 AT 9:00AM**

**1. CALL TO ORDER**

Chair Shaw called the meeting to order at 9:15a.m.

**2. ROLL CALL AND PLEDGE OF ALLEGIANCE**

Board Members present: Chair Phyllis Shaw, Vice Chair George Keller, Secretary Robert Strauss (electronically), Barbara Armand, Jeffrey Greene, Charles Howell (electronically), and David Keller. Also present: Executive Director Christine Bailey; Dana Nelson of the City of Hollywood Department of Design and Construction Management; Keith Reynolds of Segal Marco; and Ronald Cohen of Lorium Law.

**A. May 23, 2023 Regular Board Meeting Agenda**

Trustee Shaw advised the Board of requested changes to the Agenda, changing Agenda Item 3a to read April 25, 2023 Regular Meeting Minutes and withdrawing Agenda Item 4b.

**MOTION** made by Trustee D. Keller, seconded by Trustee G. Keller, to adopt the amended May 23, 2023 Regular Board Meeting Agenda. In a voice vote of the members present, all members voted in favor. **Motion** passed 7-0.

**3. CONSENT AGENDA**

- A.** April 25, 2023 Regular Meeting Minutes
- B.** Ratification of Distributions (Contributions and DROP) and Plan Expenses
- C.** Approval/Ratification of New Retirements/DROP/Vested/Death Annuities

**MOTION** made by Trustee Greene, seconded by Trustee D. Keller, to approve Consent Agenda Items 3a through 3c. In a voice vote of the members present, all members voted in favor. **Motion** passed 7-0.

**4. FINANCIAL**

**A. Proposed Budget Modification for Fiscal Year 2023**

Ms. Bailey presented the Proposed Budget Modification for Fiscal Year 2023. She requested an additional \$67,100 for investment fees and an additional \$37,200 for administrative expenses, for a total modification of \$104,300.

**MOTION** made by Trustee Greene, seconded by Trustee G. Keller, to accept the Proposed Budget Modification for Fiscal Year 2023 as presented. In a roll call vote of the members present, all members voted in favor. **Motion** passed 7-0.

**B. Proposed Budget for Fiscal Year 2024**

Ms. Bailey presented the Proposed Budget for Fiscal Year 2024 for \$1,991,530. She requested that the Board approve \$537,700 in Investment Fees paid by the Fund. (She noted that there would be additional estimated Investment Fees not paid directly by the Fund of \$3,488,100). She also requested that the Board approve \$1,233,830 in Administrative Expenses and a Contingency Reserve of \$220,000.

The Board discussed anticipated audit, relocation and technology expenses, hardware and software as well as expected changes to the Capital Budget.

**MOTION** made by Trustee Greene, seconded by Trustee D. Keller, to accept the Proposed Budget for Fiscal Year 2024 as presented. In a roll call vote of the members present, all members voted in favor. **Motion** passed 7-0.

**C. Financial Reports and Investment Summary**

Ms. Bailey provided the Board with the Preliminary April 30, 2023 Financial Report and Investment Summary. Ms. Bailey also provided the Budget Variance Report as of April 30, 2023.

**5. INVESTMENT (Keith Reynolds – Segal Marco)**

**A. March 2023 Flash Performance Report**

Mr. Reynolds provided the Board with the Flash Performance Report for March 2023. He noted that the Fund's market value of assets as of March 31, 2023 increased to \$421.8 million. He also noted that the estimated return for the Fund was up 1.1% net of fees for the month of March 2023 and up 7.8% net of fees for the fiscal year to date.

**B. Fourth Quarter Performance Review**

Mr. Reynolds reported the Fund's performance for the quarter ended December 31, 2022. He noted that the assets available for investments were \$420.0 million and performance was 4.7% net of fees for the quarter. He noted that the Fund outperformed its peers across the one-, three-, five-, seven-, and ten-year periods.

Mr. Reynolds noted that Brightwood had requested an extension of their Closing Date from June 24, 2023 to April 30, 2024 to accommodate investors who would not be able to close. Mr. Cohen noted that Mr. Reynolds had approved Brightwood's request from a business perspective and he had no legal concerns but advised that it required the approval of the Board.

**MOTION** made by Trustee Greene, seconded by Trustee D. Keller, to approve the new Closing Date for Brightwood from June 24, 2023 to April 30, 2024. In a voice vote of the members present, all members voted in favor. **Motion** passed 7-0.

The Board discussed its concerns regarding the current Debt Ceiling limitations and its possible impact on investments. Mr. Reynolds noted that the Fund's diversification would help and that the active managers would be able to respond and mitigate any potential negative impacts.

**C. 2023 Work Plan**

Mr. Reynolds provided the Board with the 2023 Work Plan. He noted that the Fiscal Year 2022 Detailed Manager Fees would be presented at the June meeting. He requested that the Investment focused Board meeting be moved to July to allow Alan Kosan to attend in person.

**6. LEGAL (Ron Cohen – Lorium Law)**

**A. Legal Update**

Mr. Cohen advised that documents to roll the GoldPoint investment into the new vehicle were completed and submitted by the May 1<sup>st</sup> deadline. He noted that the Fund would be a rolling limited partner with less fees than the current investment.

**B. Legislative Update**

Mr. Cohen reviewed his memorandum dated May 18, 2023 regarding the recent important Public Pension Legislation. He advised that on May 2, 2023 the governor signed Chapter 2023-28 into the Laws of Florida. He noted that the new law would take effect on July 1, 2023, was related to government and corporate activism, and aimed to eliminate the consideration of any factor in investment decisions other than pecuniary factors. He discussed the requirement of the law, noting that the Fund would now be required to file annual comprehensive reports related to the requirements of the new law.

**7. EXECUTIVE DIRECTOR'S REPORT**

**A. City Commission Communication**

The Board received the City Commission Communication.

**B. CPMS Update**

Ms. Bailey advised that, with the implementation of CPMS, it was discovered that the Fund was not provided with the full list of data elements necessary to properly operate the system for active members. She advised that missing data had resulted in significant added manual operations that must now be undertaken to add the missing data to the system and ensure that each member's record was current.



Ms. Bailey advised that she had asked GTJZ to assist in managing the tasks necessary to ensure that all the missing data would be retrieved and properly recorded in CPMS. She advised that GTJZ stated that they would not be able to extend their discounted fee for this additional work. She advised that GTJZ had already begun work on these tasks and requested that the Board approve these, and any additional hours required to complete these tasks. The Board acknowledged that GTJZ would continue performing these tasks until the next meeting where Ms. Bailey would have and provide additional details on the level of effort needed to accomplish the tasks.

C. Pension Office Renovation Update

Mr. Dana Nelson presented the status of the Pension Office Renovation. He provided a timeline of the project with an expected completion date of October 16, 2023. He outlined the work to be done including the mechanical, electrical, and plumbing upgrades.

D. Communications from the Executive Director

- Ms. Bailey advised that 2 retirees remained stopped for nonreceipt of their 2022 Life Certificates. She advised that approximately 140 2023 Life Certificates were currently outstanding.
- Ms. Bailey advised that 29 distributions remained for the FY2012 13<sup>th</sup> Check Settlement totaling \$161,035.52.
- Ms. Bailey advised that 4 distributions remained for the FY2021 13<sup>th</sup> Check Settlement totaling \$15,378.64.
- Ms. Bailey advised that she might request a special meeting if the Actuarial valuation was received before the next regularly scheduled Meeting.
- Ms. Bailey discussed some of the Fund's accomplishments since 2017 and advised that a more detailed list would be provided at the next meeting.
- Ms. Bailey advised that the City Attorney had responded to the Board's concerns regarding purchasing service credit for previous CRA employment. She advised that the City Attorney confirmed the Board's interpretation that only City Employees with previous CRA service would be allowed to purchase service credit under the proposed ordinance.
- Ms. Bailey advised that the Commission Meeting presentation had been postponed to June 7, 2023. Trustee G. Keller advised that the presentation might be further delayed. Mr. Cohen advised recommended that the meeting be noticed as more than one trustee expressed interest in attending.
- Ms. Bailey provided the Board with the DROP Participant List.

8. **PUBLIC COMMENTS**

Mr. Gerald Jones provided public comments.

9. **TRUSTEE REPORTS, QUESTIONS AND COMMENTS**

Trustee G. Keller provided information on the upcoming transition of the CRA operations to the City and the decision to allow only the CRA employees who become City employees of the City as this decision seemed the most fair and equitable option.

Trustee Strauss acknowledged the positive return of the Fund. He thanked Mr. Cohen for the legislative update. He encouraged retirees to attend the Board meetings.

10. **ADJOURNMENT**

**MOTION** made by Trustee D. Keller, seconded by Trustee G. Keller, to adjourn the meeting. In a voice vote by the members present, **Motion** passed 7-0. The meeting adjourned at 11:45a.m.

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Phyllis Shaw, Chair

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Date

# **AGENDA ITEM 3.B.**

## **CONSENT AGENDA**

**RATIFICATION OF DISTRIBUTIONS (CONTRIBUTIONS AND  
DROP) AND PLAN EXPENSES**

# Refunds and DROP Distributions

## June 20, 2023 Regular Pension Board Meeting

<u>Name</u>	<u>Refund</u>
<b><u>Refunds of Contributions</u></b>	
Agredo, Zindy	33,682.93
Daniels, Gene	2,546.33
Davis, Timothy	8,642.41
Hicks, Tamela	36,518.50
Martinez, Giordano	6,213.43
Persaud, Christopher	16,590.01
Weaver, Ashley	13,061.79
Wein, John	87,657.40
	\$ <u>204,912.80</u>
<b><u>Planned Retirement</u></b>	
	\$ <u>-</u>
<b><u>Partial Lump Sum Distribution</u></b>	
None	\$ <u>0.00</u>
<b><u>DROP Distributions</u></b>	
Knauer, Keith (Partial)	76,412.25
	\$ <u>76,412.25</u>
TOTAL: \$	<u><u>281,325.05</u></u>

**CITY OF HOLLYWOOD  
EMPLOYEES RETIREMENT FUND  
Disbursements Processed  
May 1, 2023 to May 31, 2023**

2450 Center Court Condominium	(\$3,290.91)
Christine Bailey (Supplies)	(\$67.54)
Christine Bailey (Koried Confr.)	(\$199.02)
City Of Hollywood (April Payroll)	(\$31,596.75)
David Keller (Invest. Confr.)	(\$837.72)
FPPTA (Annual Confr.)	(\$2,625.00)
Gabriel Roeder Smtih & Co	(\$3,080.00)
LM Capital Group LLC (Jan-Mar 2023)	(\$6,236.93)
Lorium PLLC	(\$10,285.00)
Marcum LLP	(\$3,000.00)
Principal Bank (Jan-Mar 2023)	(\$11,503.01)
Segal Advisors Inc (April 2023)	(\$10,833.33)
Segal Advisors Inc (April 2023)	(\$4,166.67)
Vital Records (Death Cert.)	(\$12.00)
Vital Records (Death Cert.)	(\$5.00)
Wells Fargo Credit Card (Supplies)	(\$423.41)
	<hr/> (\$88,162.29)

**Capital Expenditures**

City Of Hollywood (Permits)	(\$12,986.28)
Vercetti Enterprises LLC (2450 Build out)	(\$30,625.82)
Gary Tunnicliffe & Jack Ziegler Llc	(\$13,580.00)
	<hr/>
Total	<u>(\$145,354.39)</u>

# **AGENDA ITEM 3.C.**

## **CONSENT AGENDA**

**APPROVAL/RATIFICATION OF NEW RETIREMENT  
/DROP/VESTED/DEATH ANNUITIES**

**EMPLOYEES' RETIREMENT FUND**  
**New Retirement/DROP/Death/Vested Annuities - Monthly Amounts**  
**June 20, 2023 Regular Pension Board Meeting**

<b><u>New Retirement</u></b>	<b>Future Benefit</b>	<b>Pension</b>
Dearth, Nancy - (Beneficiary of Edward Dearth)	None - Beneficiary	\$ 3,597.69
Johnson, Keith (Beneficiary of Hilde Johnson)	None - Beneficiary	\$ 1,035.51
Knauer, Keith - DROP 03/01/2020	Joint & Equal	\$ 1,888.23
Mathis, Coy - DROP 01/01/2022	Joint & Half	\$ 3,959.15
Sackmann, Eileen - 04/01/2023	Normal Annuity	\$ 472.77
 <b><u>Benefits Stopped</u></b>		
Burritt, Margaret - Died 05/17/2023	None - beneficiary	\$ (4,224.90)
Johnson, Hilde - Died 04/13/2023	Joint & Equal	\$ (1,035.51)
Pellarin, Dennis - Died 04/15/2023	Joint & Equal	\$ (1,919.21)
Risi, Louise - Died 04/23/2023	None	\$ (4,610.87)
Salette, Paul - Died 04/29/2023	None	\$ (3,485.23)
Soto, Raymond - Died 01/27/2023	Joint & Equal	\$ (1,125.76)

# **AGENDA ITEM 4.A.**

## **FINANCIAL**

### **ACTUARIAL VALUATION REPORT**

**AS OF OCTOBER 1, 2022**

City of Hollywood  
Employees' Retirement Fund  
ACTUARIAL VALUATION REPORT  
AS OF OCTOBER 1, 2022

ANNUAL EMPLOYER CONTRIBUTION FOR THE FISCAL YEAR  
ENDING SEPTEMBER 30, 2024









June 9, 2023

Board of Trustees  
City of Hollywood Employees' Retirement Fund  
Hollywood, Florida

**Re: City of Hollywood Employees' Retirement Fund  
Actuarial Valuation as of October 1, 2022**

Dear Members of the Board:

The results of the October 1, 2022 Annual Actuarial Valuation of the City of Hollywood (City) Employees' Retirement Fund (Retirement Fund or Plan) are presented in this report.

This report was prepared at the request of the Board and is intended for use by the Retirement Fund and those designated or approved by the Board. This report may be provided to parties other than the Retirement Fund only in its entirety and only with the permission of the Board. GRS is not responsible for unauthorized use of this report.

The purposes of the valuation are to measure the Retirement Fund's funding progress and to determine the employer contribution rate for the fiscal year ending September 30, 2024. This report should not be relied on for any purpose other than the purposes described herein. Determinations of financial results associated with the benefits described in this report for purposes other than those identified above may be significantly different.

The contribution rate in this report is determined using the actuarial assumptions and methods disclosed in Section B of this report. This report includes risk metrics in Section A but does not include a more robust assessment of the risks of future experience not meeting the actuarial assumptions. Additional assessment of risks was outside the scope of this assignment.

This valuation assumed the continuing ability of the plan sponsor to make the contributions necessary to fund this plan. A determination regarding whether or not the plan sponsor is actually able to do so is outside our scope of expertise and was not performed.

The findings in this report are based on data and other information through October 1, 2022. The valuation was based upon information furnished by the Plan Administrator and the City concerning plan benefits, financial transactions, plan provisions and active members, terminated members, retirees and beneficiaries. We checked for internal and year-to-year consistency, but did not audit the data. We are not responsible for the accuracy or completeness of the information provided by the Plan Administrator and the City.

This report was prepared using certain assumptions approved by the Board as authorized under and prescribed by the Florida Statutes, as described in the section of this report entitled Actuarial Assumptions and Cost Method. The investment return assumption was prescribed by the Board, and the

assumed mortality rates detailed in the Actuarial Assumptions and Cost Method section were prescribed by the Florida Statutes in accordance with Chapter 112.63, Florida Statutes. All actuarial assumptions used in this report are reasonable for purposes of this valuation.

This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge, the information contained in this report is accurate and fairly presents the actuarial position of the Retirement Fund as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, with the Actuarial Standards of Practice issued by the Actuarial Standards Board, and with applicable statutes.

This report was prepared using our proprietary valuation model and related software which in our professional judgment has the capability to provide results that are consistent with the purposes of the valuation and has no material limitations or known weaknesses. We performed tests to ensure that the model reasonably represents that which is intended to be modeled.

Jeffrey Amrose and Trisha Amrose are members of the American Academy of Actuaries. These actuaries meet the Academy's Qualification Standards to render the actuarial opinions contained herein.


The signing actuaries are independent of the plan sponsor.


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

Gabriel, Roeder, Smith & Company (GRS) will be pleased to review this valuation and report with the Board of Trustees and to answer any questions pertaining to the valuation.

Respectfully submitted,

GABRIEL, ROEDER, SMITH & COMPANY

By:   
Jeffrey Amrose, MAAA, FCA  
Enrolled Actuary No. 23-6599  
Senior Consultant & Actuary

By:   
Trisha Amrose, MAAA, FCA  
Enrolled Actuary No. 23-8010  
Consultant & Actuary



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## **SECTION A**

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### **DISCUSSION OF VALUATION RESULTS**

## DISCUSSION OF VALUATION RESULTS

### Comparison of Required Employer Contributions

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

Required Employer Contribution	For FYE 9/30/2024 Based on 10/1/2022 Valuation	For FYE 9/30/2023 Based on 10/1/2021 Valuation	Increase (Decrease)
If paid in full on October 1 Date of Payment	10/1/2023	10/1/2022	
Actuarially Determined Contribution			
As a Dollar Amount	\$ 26,508,097	\$ 25,505,646	\$ 1,002,451
As % of Covered Payroll	62.61 %	58.77 %	3.84 %

### Payment of Required Contribution

The required contribution displayed above is the required contribution if the payment is made in full on the first day of the fiscal year. The required contribution if paid biweekly during the fiscal year, adjusted for interest on the basis that payment is made at the end of each pay period, is shown on page 8.

The actual employer contribution for the fiscal year ending September 30, 2022 was \$28,424,569 (\$28,387,441 from the City plus \$37,128 from the County). The actuarially determined minimum required contribution was \$28,082,806.

### Revisions in Benefits

There were no revisions in benefits since the previous valuation.

### Revisions in Actuarial Assumptions or Methods

There were no revisions in actuarial assumptions or methods since the previous valuation.



## Actuarial Experience

There was a net actuarial loss of \$14,564,366 for the year, which means that actual experience was less favorable than anticipated. The loss is primarily due to the recognized investment return falling below the assumed rate of 7.0% and a significantly greater number of service/DROP retirements during the year than expected (36 actual vs. 10 expected). The recognized investment return was 5.4% based on the actuarial value of assets (-9.4% based on the market value of assets). The net loss increased the required employer contribution by 2.04% of covered payroll.

## Supplemental Pension Distribution

Since the investment return for the fiscal year ending September 30, 2022 is below 11.5% (i.e., 4.5% above the 7.0% assumed rate effective for the fiscal year ending September 30, 2022), a Supplemental Pension Distribution is not payable for the fiscal year ending September 30, 2022.

## Funded Ratio

The funded ratio this year is 64.4% compared to 64.1% last year. The funded ratio is equal to the actuarial value of assets divided by the actuarial accrued (past service) liability.

## Analysis of Change in Employer Contributions

The components of change in the required employer contribution as a percent of payroll reflecting bi-weekly timing are as follows:

Contribution Rate Last Year	60.84 %
Changes in Benefits	0.00
Changes in Actuarial Assumptions	0.00
Actuarial Experience	2.04
Amortization Payment on UAAL	1.75
Normal Cost Rate	(0.18)
Administrative Expenses	0.36
Contribution Rate This Year	64.81

## Variability of Future Contribution Rates

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

Over time, if the year-to-year gains and losses offset each other, the contribution rate would be expected to return to the current level, but this does not always happen.



The Actuarial Value of Assets exceeds the Market Value of Assets by \$27,343,824 as of the valuation date (see Section C). This difference will be gradually recognized over the next several years. In turn, the computed employer contribution rate will increase by approximately 3.84% of covered payroll over the same period in the absence of offsetting gains.

Another potential area of variability has to do with the annual payment on the unfunded accrued liability (UAL). This payment is computed as a level percent of covered payroll under the assumption that covered payroll will rise by 3.5% per year or, if less, the average payroll growth over the most recent ten years. The most recent ten-year average is 3.46% compared to 3.47% last year. If the ten-year average falls below this rate next year, the amortization payments will increase. For example, if the payroll growth assumption was lowered to 0%, the UAL payment would have increased from \$21,317,615 to \$25,756,296.

## **Relationship to Market Value**

If market value of assets had been used in the valuation instead of the actuarial value of assets, the City contribution rate on a bi-weekly basis would have been 68.65%, and the funded ratio would have been 60.1%. In the absence of other gains and losses, the City contribution rate should increase to that level over the next several years.

## **Conclusion and Recommendations**

It is important to note that plan assets are not sufficient to cover the liabilities for current retirees. As of October 1, 2022, the market value of assets is \$379.3 million, and the liability for current inactive members is \$526.8 million.

The funded ratio dropped from 82.5% in 2000 to the current level of 64.4%. Some steps have been taken to improve funding, such as strengthening the actuarial assumptions including lowering the assumed investment return rate and shortening the amortization period. If the maximum amortization period were shortened from 27 years to 25 years in this valuation, the actuarially determined contribution would increase by approximately \$165,000. This would result in higher contributions in the short-term for the City but would also have a positive effect on improving the funded ratio of the plan.

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





## **RISKS ASSOCIATED WITH MEASURING THE ACCRUED LIABILITY AND ACTUARIALLY DETERMINED CONTRIBUTION**

The determination of the accrued liability and the actuarially determined contribution requires the use of assumptions regarding future economic and demographic experience. Risk measures, as illustrated in this report, are intended to aid in the understanding of the effects of future experience differing from the assumptions used in the course of the actuarial valuation. Risk measures may also help with illustrating the potential volatility in the accrued liability and the actuarially determined contribution that result from the differences between actual experience and the actuarial assumptions.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions due to changing conditions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period, or additional cost or contribution requirements based on the Plan's funded status); and changes in plan provisions or applicable law. The scope of an actuarial valuation does not include an analysis of the potential range of such future measurements.

Examples of risk that may reasonably be anticipated to significantly affect the plan's future financial condition include:

1. Investment risk – actual investment returns may differ from the expected returns;
2. Contribution risk – actual contributions may differ from expected future contributions. For example, actual contributions may not be made in accordance with the plan's funding policy or material changes may occur in the anticipated number of covered employees, covered payroll, or other relevant contribution base;
3. Salary and Payroll risk – actual salaries and total payroll may differ from expected, resulting in actual future accrued liability and contributions differing from expected;
4. Longevity risk – members may live longer or shorter than expected and receive pensions for a period of time other than assumed;
5. Other demographic risks – members may terminate, retire or become disabled at times or with benefits other than assumed resulting in actual future accrued liability and contributions differing from expected.

The effects of certain trends in experience can generally be anticipated. For example if the investment return since the most recent actuarial valuation is less (or more) than the assumed rate, the cost of the plan can be expected to increase (or decrease). Likewise if longevity is improving (or worsening), increases (or decreases) in cost can be anticipated.

The computed contribution rate shown on page 1 may be considered as a minimum contribution rate that complies with the Board's funding policy and Florida Statutes. The timely receipt of the actuarially determined contributions is critical to support the financial health of the plan. Users of this report should be aware that contributions made at the actuarially determined rate do not necessarily guarantee benefit security.



## Plan Maturity Measures

Risks facing a pension plan evolve over time. A young plan with virtually no investments and paying few benefits may experience little investment risk. An older plan with a large number of members in pay status and a significant trust may be much more exposed to investment risk. Generally accepted plan maturity measures include the following:

	<u>2022</u>	<u>2021</u>
Ratio of the market value of assets to payroll	9.27	10.21
Ratio of actuarial accrued liability to payroll	15.44	14.64
Ratio of actives to retirees and beneficiaries	0.5	0.5
Ratio of net cash flow to market value of assets	-3.95 %	-1.01 %

### Ratio of Market Value of Assets to Payroll

The relationship between assets and payroll is a useful indicator of the potential volatility of contributions. For example, if the market value of assets is 2.0 times the payroll, a return on assets 5% different than assumed would equal 10% of payroll. A higher (lower) or increasing (decreasing) level of this maturity measure generally indicates a higher (lower) or increasing (decreasing) volatility in plan sponsor contributions as a percentage of payroll.

### Ratio of Actuarial Accrued Liability to Payroll

The relationship between actuarial accrued liability and payroll is a useful indicator of the potential volatility of contributions for a fully funded plan. A funding policy that targets a funded ratio of 100% is expected to result in the ratio of assets to payroll and the ratio of liability to payroll converging over time.

The ratio of liability to payroll may also be used as a measure of sensitivity of the liability itself. For example, if the actuarial accrued liability is 2.5 times the payroll, a change in liability 2% other than assumed would equal 5% of payroll. A higher (lower) or increasing (decreasing) level of this maturity measure generally indicates a higher (lower) or increasing (decreasing) volatility in liability (and also plan sponsor contributions) as a percentage of payroll.

### Ratio of Actives to Retirees and Beneficiaries

A young plan with many active members and few retirees will have a high ratio of active to retirees. A mature open plan may have close to the same number of actives to retirees resulting in a ratio near 1.0. A super-mature or closed plan may have significantly more retirees than actives resulting in a ratio below 1.0.



## **Ratio of Net Cash Flow to Market Value of Assets**

A positive net cash flow means contributions exceed benefits and expenses. A negative cash flow means existing funds are being used to make payments. A certain amount of negative net cash flow is generally expected to occur when benefits are prefunded through a qualified trust. Large negative net cash flows as a percent of assets may indicate a super-mature plan or a need for additional contributions.

## **Additional Risk Assessment**

Additional risk assessment is outside the scope of the annual actuarial valuation. Additional assessment may include scenario tests, sensitivity tests, stochastic modeling, stress tests, and a comparison of the present value of accrued benefits at low-risk discount rates with the actuarial accrued liability.

## **SECTION B**

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### **VALUATION RESULTS**

PARTICIPANT DATA		
	October 1, 2022	October 1, 2021
<b>ACTIVE MEMBERS</b>		
Number	587	603
Covered Annual Payroll	\$ 40,906,705	\$ 41,931,489
Average Annual Payroll	\$ 69,688	\$ 69,538
Average Age	47.0	47.4
Average Past Service	8.3	8.9
Average Age at Hire	38.7	38.5
<b>ACTIVE TRANSFERS</b>		
Number	6	9
Covered Annual Payroll	\$ 783,331	\$ 1,080,077
Average Annual Payroll	\$ 130,555	\$ 120,009
Average Age	46.8	45.9
Average Past Service	3.3	3.0
<b>RETIREES, BENEFICIARIES &amp; DROP PLAN MEMBERS</b>		
Number	1,123	1,094
Annual Benefits <sup>1</sup>	\$ 38,012,395	\$ 35,559,041
Average Annual Benefit	\$ 33,849	\$ 32,504
Average Age	68.6	68.4
<b>DISABILITY RETIREES</b>		
Number	36	37
Annual Benefits <sup>1</sup>	\$ 1,080,110	\$ 1,104,635
Average Annual Benefit	\$ 30,003	\$ 29,855
Average Age	66.1	66.2
<b>TERMINATED VESTED MEMBERS</b>		
Number	63	54
Annual Benefits	\$ 941,544	\$ 783,960
Average Annual Benefit	\$ 14,945	\$ 14,518
Average Age	49.2	49.4

<sup>1</sup> Does not include any Supplemental Pension Distribution.



ACTUARIALLY DETERMINED CONTRIBUTION (ADC)		
A. Valuation Date	October 1, 2022	October 1, 2021
B. ADC to Be Paid During Fiscal Year Ending	9/30/2024	9/30/2023
C. Assumed Date of Employer Contribution	Biweekly	Biweekly
D. Annual Payment to Amortize Unfunded Actuarial Accrued Liability	\$ 21,317,615	\$ 20,313,491
E. Employer Normal Cost	4,294,202	4,329,102
F. ADC if Paid on the Valuation Date: D + E	25,611,817	24,642,593
G. ADC Adjusted for Frequency of Payments	26,512,405	25,509,100
H. ADC as % of Covered Payroll	64.81 %	60.84 %
I. Assumed Rate of Increase in Covered Payroll to Contribution Year	3.50 %	3.50 %
J. Covered Payroll for Contribution Year	42,338,440	43,399,091
K. ADC for Contribution Year: H x J	27,439,543	26,404,007
L. ADC as % of Covered Payroll in Contribution Year: K ÷ J	64.81 %	60.84 %
M. ADC for Contribution Year if Paid in Full on the First Day of the Fiscal Year	26,508,097	25,505,646
N. ADC as % of Covered Payroll in Contribution Year: K ÷ J	62.61 %	58.77 %

ALLOCATION OF REQUIRED EMPLOYER CONTRIBUTION BY EMPLOYEE GROUP						
Group	Employer Normal Cost (Before Expenses)	% of Total Employer Normal Cost	Active Actuarial Accrued Liability	% of Active Actuarial Accrued Liability	Allocated Required Employer Contribution for FYE 9/30/2024*	
					Percentage	Dollar Amount
Non-General Fund Members	\$ 949,966	28.17%	\$ 32,082,969	30.65%	30.24%	\$ 8,296,440
Grandfathered Non-General Fund Members	36,422	1.08%	1,737,920	1.66%	1.56%	428,902
General Fund Members	2,355,790	69.85%	69,848,303	66.73%	67.25%	18,453,844
Grandfathered General Fund Members	30,428	0.90%	1,002,964	0.96%	0.95%	260,357
Total	\$ 3,372,606	100.00%	\$ 104,672,156	100.00%	100.00%	\$ 27,439,543

\* The Employer Normal Cost is allocated based on each group's percentage of the Employer Normal Cost for benefits, and the annual payment to amortize the UAL is allocated based on each group's percentage of the Actuarial Accrued Liability for active members.

ACTUARIAL VALUE OF BENEFITS AND ASSETS		
A. Valuation Date	October 1, 2022	October 1, 2021
B. Actuarial Present Value of All Projected Benefits for		
1. Active Members		
a. Service Retirement Benefits	\$ 130,833,644	\$ 141,995,025
b. Vesting Benefits	9,972,307	10,248,113
c. Disability Benefits	13,282,595	14,148,831
d. Preretirement Death Benefits	3,445,054	3,886,348
e. Return of Member Contributions	1,300,094	1,277,638
f. Total	158,833,694	171,555,955
2. Inactive Members		
a. Service Retirees & Beneficiaries	505,305,813	477,302,691
b. Disability Retirees	12,831,568	13,412,039
c. Terminated Vested Members	8,626,332	7,283,836
d. Total	526,763,713	497,998,566
3. Total for All Members	685,597,407	669,554,521
C. Actuarial Accrued (Past Service) Liability (Entry Age Normal)	631,435,869	613,804,664
D. Actuarial Present Value of Accumulated Plan Benefits per FASB Statement No. 35	616,580,042	599,454,792
E. Plan Assets		
1. Market Value	379,344,092	428,178,689
2. Actuarial Value	406,687,916	393,278,367
F. Unfunded Actuarial Accrued Liability: C - E2	224,747,953	220,526,297
G. Actuarial Present Value of Projected Covered Payroll	347,965,317	353,234,225
H. Actuarial Present Value of Projected Member Contributions	28,634,616	29,228,975
I. Accumulated Contributions of Active Members	21,892,088	23,525,448



CALCULATION OF EMPLOYER NORMAL COST		
A. Valuation Date	October 1, 2022	October 1, 2021
B. Normal Cost for		
1. Service Retirement Benefits	\$ 4,583,283	\$ 4,742,447
2. Vesting Benefits	849,895	911,456
3. Disability Benefits	866,275	884,410
4. Preretirement Death Benefits	161,812	178,366
5. Return of Member Contributions	318,260	323,559
6. Total for Future Benefits	6,779,525	7,040,238
7. Assumed Amount for Administrative Expenses	921,596	800,993
8. Total Normal Cost	7,701,121	7,841,231
C. Expected Member Contribution	3,406,919	3,512,129
D. Employer Normal Cost: B8-C	4,294,202	4,329,102
E. Employer Normal Cost as % of Covered Payroll	10.50 %	10.32 %

## LIQUIDATION OF THE UNFUNDED ACTUARIAL ACCRUED LIABILITY

A. UAAL Amortization Period and Payments					
Original UAAL			Current UAAL		
Date Established	Source	Amount	Years Remaining	Amount	Payment
10/1/08	Combined Base	\$ 120,402,171	6	\$ 61,907,330	\$ 11,204,757
10/1/08	Assumption Change	6,133,233	16	5,733,279	455,677
10/1/09	Experience Loss	21,720,025	17	19,167,396	1,455,867
10/1/10	Experience Loss	5,090,043	18	4,478,169	326,158
10/1/10	Assumption Change	(11,684,981)	18	(10,280,333)	(748,747)
10/1/10	Plan Change	(17,448,058)	18	(15,350,633)	(1,118,032)
10/1/11	Experience Loss	26,493,199	19	23,507,488	1,646,667
10/1/12	Experience Loss	16,888,651	20	14,954,912	1,010,228
10/1/13	Experience Loss	934,513	21	839,587	54,826
10/1/13	Plan Change	5,490,249	21	4,932,553	322,100
10/1/13	Assumption Change	23,450,820	21	21,068,702	1,375,804
10/1/14	Experience Gain	(4,233,453)	22	(3,840,815)	(242,980)
10/1/14	Assumption Change	5,726,542	22	5,195,424	328,677
10/1/15	Experience Gain	(3,077,339)	23	(2,851,819)	(175,129)
10/1/15	Assumption Change	4,368,350	23	4,048,220	248,599
10/1/15	Plan Change	598,036	23	554,211	34,034
10/1/16	Experience Gain	(11,069,062)	24	(10,454,028)	(624,293)
10/1/16	Assumption Change	23,064,814	24	21,783,254	1,300,851
10/1/17	Experience Gain	(3,970,427)	25	(3,800,306)	(221,059)
10/1/17	Assumption Change	5,064,314	25	4,847,324	281,962
10/1/18	Experience Gain	(4,790,305)	26	(4,656,529)	(264,236)
10/1/18	Assumption Change	5,193,624	26	5,048,584	286,483
10/1/18	Plan Change	47,242,260	26	45,922,948	2,605,909
10/1/19	Experience Gain	(871,242)	27	(848,242)	(47,021)
10/1/20	Experience Gain	(1,751,522)	27	(1,724,702)	(95,606)
10/1/20	Assumption Change	1,511,349	27	1,488,207	82,497
10/1/21	Experience Gain	(720,822)	27	(721,734)	(40,008)
10/1/21	Assumption Change	19,210,871	27	19,235,140	1,066,274
10/1/22	Experience Loss	14,564,366	27	14,564,366	807,356
		\$ 293,530,219		\$ 224,747,953	\$ 21,317,615

## B. Amortization Schedule

The UAAL is being liquidated as a level percent of payroll over the number of years remaining in the amortization period. The expected amortization schedule is as follows:

Amortization Schedule	
Year	Expected UAAL
2022	\$ 224,747,953
2023	217,670,495
2024	209,308,361
2025	199,544,349
2026	188,252,078
2027	175,295,338
2032	148,546,654
2037	115,071,270
2042	60,935,879
2047	14,315,693
2049	0

## ACTUARIAL GAINS AND LOSSES

The assumptions used to anticipate mortality, employment turnover, investment income, expenses, salary increases, and other factors have been based on long range trends and expectations. Actual experience can vary from these expectations. The variance is measured by the gain and loss for the period involved. If significant long term experience reveals consistent deviation from what has been expected and that deviation is expected to continue, the assumptions should be modified. The net actuarial gain (loss) for the past year is computed as follows:

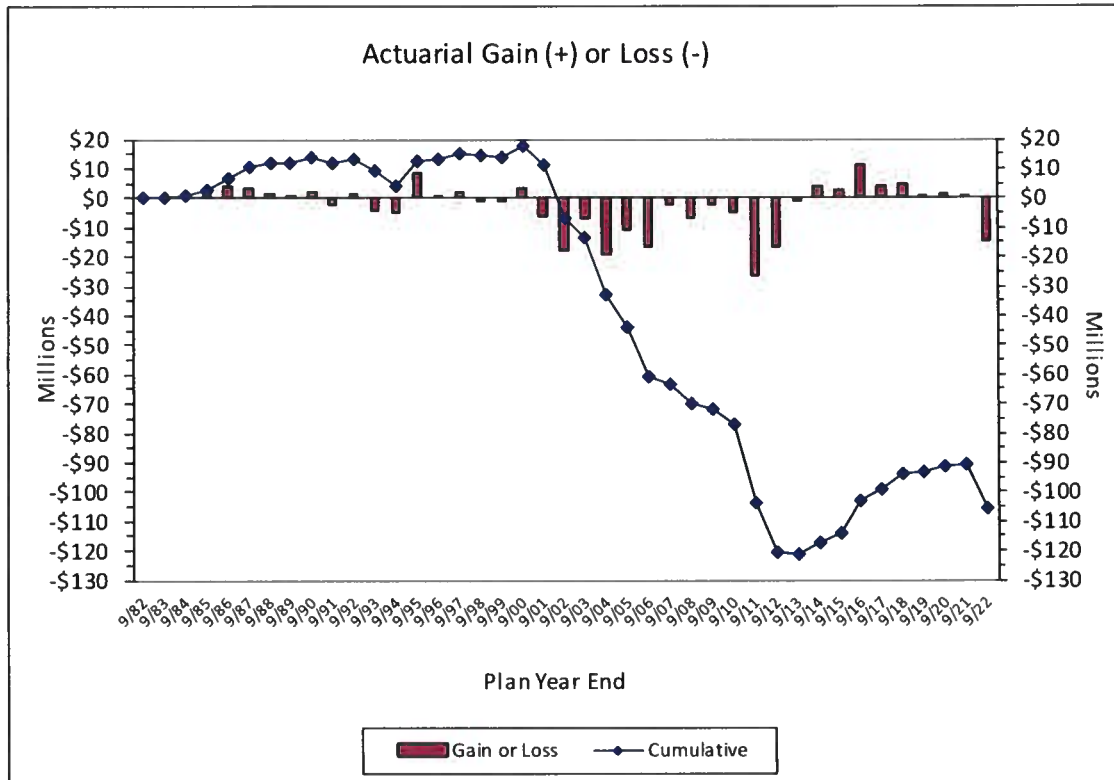
1. Last Year's UAAL (After Changes in Benefits, Assumptions, or Methods)	\$ 220,526,297
2. Last Year's Employer Normal Cost	4,329,102
3. Last Year's Employer Contributions (City and County)	28,424,569
4. Interest at the Assumed Rate on:	
a. 1 and 2 for one year	15,739,878
b. 3 from dates paid	1,987,121
c. a - b	<u>13,752,757</u>
5. This Year's Expected UAAL (Before any Changes in Assumptions or Benefits): 1 + 2 - 3 + 4c	210,183,587
6. Change in UAAL Due to Change in Assumptions/Methods	0
7. Change in UAAL Due to Change in Benefits	0
8. This Year's Expected UAAL (After Changes in Assumptions and Benefits): 5 + 6 + 7	210,183,587
9. This Year's Actual UAAL (After Changes in Assumptions and Benefits)	224,747,953
10. Net Actuarial Gain (Loss): 8 - 9	(14,564,366)
11. Gain (Loss) Due to Investments	(6,383,995)
12. Gain (Loss) From Other Sources	(8,180,371)

Net actuarial gains in previous years have been as follows:

Year Ended	Net Gain (Loss)	
	Prior*	Supplemental
9/30/1982	\$ 357,574	\$ (293,400)
9/30/1983	(53,055)	(47,952)
9/30/1984	655,952	13,007
9/30/1985	1,910,328	214,974
9/30/1986	3,522,953	387,117
9/30/1987	3,085,353	541,011
9/30/1988	1,673,391	(20,803)
9/30/1989	631,806	(395,640)
9/30/1990	2,021,350	(117,331)
9/30/1991	(2,112,517)	N/A
9/30/1992	1,394,549	N/A
9/30/1993	(4,345,862)	N/A
9/30/1994	(4,780,402)	N/A
9/30/1995	8,381,537	N/A
9/30/1996	694,600	N/A
9/30/1997	2,097,065	N/A
9/30/1998	(859,539)	N/A
9/30/1999	(828,976)	N/A
9/30/2000	3,710,238	N/A
9/30/2001	(6,021,041)	N/A
9/30/2002	(18,219,741)	N/A
9/30/2003	(6,740,689)	N/A
9/30/2004	(19,270,365)	N/A
9/30/2005	(11,135,131)	N/A
9/30/2006	(16,622,969)	N/A
9/30/2007	(2,621,034)	N/A
9/30/2008	(6,640,889)	N/A
9/30/2009	(2,172,025)	N/A
9/30/2010	(5,090,043)	N/A
9/30/2011	(26,493,199)	N/A
9/30/2012	(16,888,651)	N/A
9/30/2013	(934,513)	N/A
9/30/2014	4,233,453	N/A
9/30/2015	3,077,339	N/A
9/30/2016	11,069,062	N/A
9/30/2017	3,970,427	N/A
9/30/2018	4,790,305	N/A
9/30/2019	871,242	N/A
9/30/2020	1,751,522	N/A
9/30/2021	720,822	N/A
9/30/2022	(14,564,366)	N/A

\* After 1990, these are the figures for the entire Retirement Fund.





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

Year Ending	Investment Return		Salary Increases			
	Actual	Assumed	Prior Members		Other Members <sup>1</sup>	
			Actual	Assumed	Actual	Assumed
9/30/1977	8.9 %	5.0 %	10.0 %	3.0 %	N/A %	N/A %
9/30/1978	9.5	6.5	8.3	5.0	7.1	5.0
9/30/1979	8.8	6.5	8.1	5.0	14.1	5.0
9/30/1980	8.4	6.5	18.5	5.0	24.8	5.0
9/30/1981	0.4	6.5	11.0	5.0	12.1	5.0
9/30/1982	9.2	8.0	4.2	8.0	7.6	8.0
9/30/1983	9.8	8.0	6.5	8.0	9.2	8.0
9/30/1984	10.3	8.0	5.1	8.0	8.4	8.0
9/30/1985	13.7	8.0	5.1	8.0	7.2	8.0
9/30/1986	16.1	8.0	2.8	8.0	4.7	8.0
9/30/1987	14.4	8.0	4.6	8.0	6.0	8.0
9/30/1988	11.2	7.5	8.3	7.0	10.0	8.0
9/30/1989	11.5	7.5	11.8	7.0	12.9	8.0
9/30/1990	10.6	7.5	3.5	7.0	5.8	8.0
9/30/1991	7.9	8.75	2.5	7.0	5.0	8.0
9/30/1992	10.8	8.75	2.9	7.0	5.9	8.0
9/30/1993	7.1	8.75	6.4	7.0	9.9	8.0
9/30/1994	0.9	8.3	N/A <sup>2</sup>	5.7	N/A <sup>2</sup>	5.7
9/30/1995	14.6	8.3	N/A	N/A	6.5	5.7
9/30/1996	12.3	8.3	N/A	N/A	7.3	5.7
9/30/1997	11.0	8.3	N/A	N/A	7.4	5.7
9/30/1998	10.2	8.3	N/A	N/A	5.0	5.7
9/30/1999	11.0	8.3	N/A	N/A	8.4	5.7
9/30/2000	12.7	8.3	N/A	N/A	5.3	5.7
9/30/2001	8.1	8.3	N/A	N/A	7.0	5.7
9/30/2002	0.5	8.3	N/A	N/A	7.9	5.7
9/30/2003	5.0	8.3	N/A	N/A	6.9	5.0
9/30/2004	4.4	8.3	N/A	N/A	8.2	6.0
9/30/2005	3.0	8.3	N/A	N/A	9.3	6.1
9/30/2006	6.0	8.3	N/A	N/A	7.0	5.7
9/30/2007	9.6	8.3	N/A	N/A	7.3	5.5
9/30/2008	4.3	8.3	N/A	N/A	5.8	5.7
9/30/2009	(1.0)	8.0	N/A	N/A	3.2	6.6
9/30/2010	5.4	8.0	N/A	N/A	1.9	6.2
9/30/2011	0.8	8.0	N/A	N/A	(0.6)	(1.5) <sup>4</sup>
9/30/2012	1.9	8.0	N/A	N/A	0.2	1.4 <sup>4</sup>
9/30/2013	7.2	8.0	N/A	N/A	1.9	5.8
9/30/2014	9.8	8.0	N/A	N/A	5.8	5.8
9/30/2015	8.5	7.9	N/A	N/A	5.2	4.9
9/30/2016	10.3	7.8	N/A	N/A	7.4	5.0
9/30/2017	9.5	7.7	N/A	N/A	6.2	5.1
9/30/2018	8.3	7.6	N/A	N/A	2.2	4.9
9/30/2019	7.0	7.5	N/A	N/A	3.9	4.7
9/30/2020	8.0	7.5	N/A	N/A	3.1	5.4
9/30/2021	10.0	7.3	N/A	N/A	3.3	5.5
9/30/2022	5.4	7.0	N/A	N/A	4.5	5.8
Averages	8.0 %	—	7.0 %	—	6.7 %	—

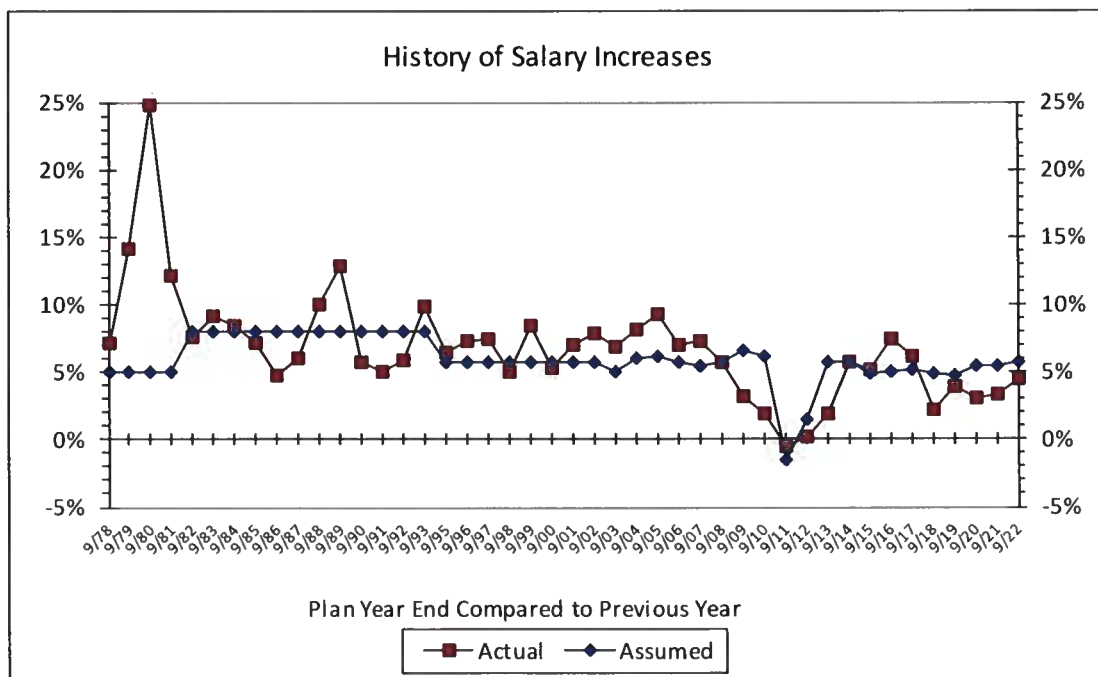
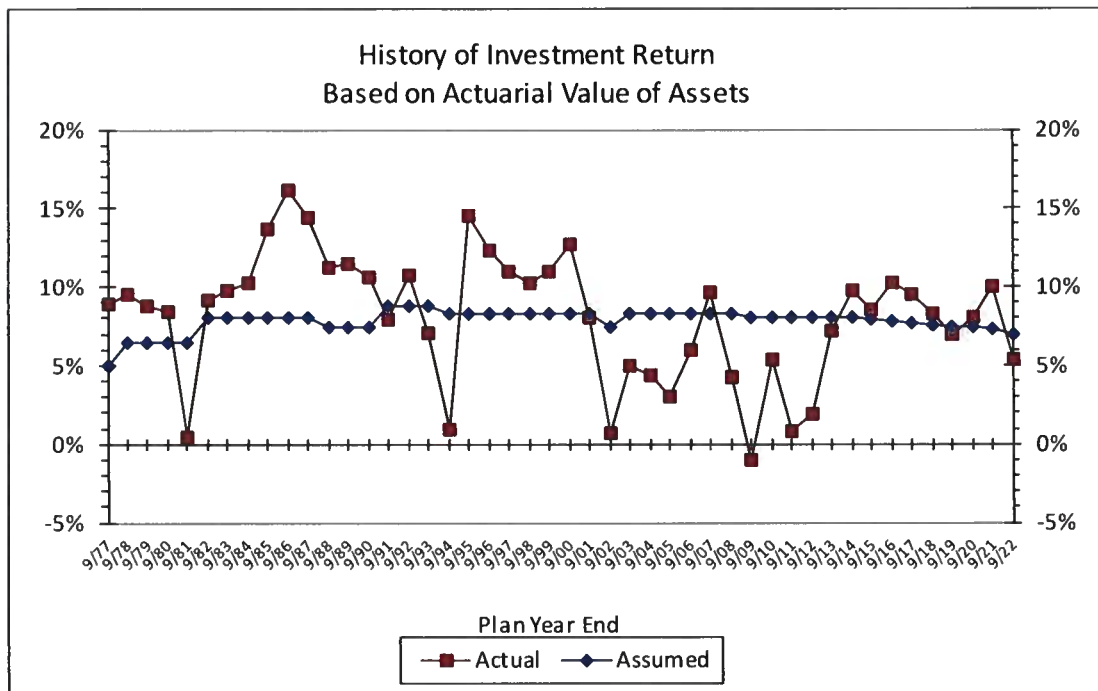
<sup>1</sup> All members after 9/30/1994.

<sup>2</sup> Because the salary basis reported to the actuaries changed from 10/1/1993 to 10/1/1994, a meaningful salary increase figure was not computed.

<sup>3</sup> Reflects a one-time pay reduction for general fund members and no pay increases for non-general fund members.

<sup>4</sup> Reflects no pay increases for general fund members.

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





**Actual (A) Compared to Expected (E) Decrements  
Among Active Employees**

Year Ended	Number Added During Year		Service & DROP Retirement		Disability Retirement		Death		Terminations				Active Members End of Year
	A	E	A	E	A	E	A	E	Vested	Other	Totals		
											A	E	
9/30/2010	7	56	26	14	3	3	1	1	13	13	26	26	668
9/30/2011	12	146	114	16	2	3	1	1	15	14	29	22	534
9/30/2012	35	47	22	8	3	2	0	1	10	12	22	19	522
9/30/2013	41	47	19	7	1	2	0	1	12	15	27	18	516
9/30/2014	78	57	28	50	1	2	1	1	17	10	27	17	537
9/30/2015	86	49	17	9	1	2	0	1	6	25	31	26	574
9/30/2016	72	40	6	9	1	3	1	1	8	24	32	32	606
9/30/2017	64	34	16	11	0	3	1	1	0	17	17	36	636
9/30/2018	57	64	17	12	3	3	0	1	7	37	44	39	629
9/30/2019	69	106	75	74	0	3	1	1	1	29	30	38	592
9/30/2020	71	64	35	11	0	2	0	1	0	29	29	38	599
9/30/2021	73	69	24	12	0	2	1	1	4	40	44	38	603
9/30/2022	88	104	36	10	1	3	2	1	12	53	65	38	587
9/30/2023				12		3		1				39	
13-Yr Totals *	753	883	435	243	16	33	9	13	105	318	423	387	

\* Totals are through current year.

RECENT HISTORY OF VALUATION RESULTS										
Valuation Date	Number of		Covered Annual Payroll	Actuarial Value of Assets	Actuarial Accrued Liability (AAL) - Entry Age	Unfunded AAL (UAAL)	Funded Ratio	Employer Normal Cost (NC)	NC as % of Payroll	
	Active Members*	Inactive Members								
10/1/1991	755	411	\$ 20,630,207	\$ 76,669,632	\$ 79,506,348	\$ 2,836,716	96.4 %	\$ 1,043,805	5.06 %	
10/1/1992	727	439	20,191,327	83,752,649	85,450,424	1,697,775	98.0	860,076	4.26	
10/1/1993	736	469	22,147,889	88,296,336	95,668,897	7,372,561	92.3	1,520,178	6.86	
10/1/1994	587	667	18,757,186	88,937,435	129,179,737	40,242,302	68.8	2,241,185	11.95	
10/1/1995	659	662	21,560,893	100,881,259	135,034,342	34,153,083	74.7	1,507,437	6.99	
10/1/1996	742	656	24,532,562	112,060,623	141,765,578	29,704,955	79.0	1,405,716	5.73	
10/1/1997	739	656	25,596,439	121,232,151	146,459,241	25,227,090	82.8	1,210,712	4.73	
10/1/1998	773	645	27,581,966	129,407,169	154,243,888	24,836,719	83.9	1,412,197	5.12	
10/1/1999	776	648	28,950,262	141,673,440	172,564,633	30,891,193	82.1	1,809,391	6.25	
10/1/2000	778	668	30,000,733	156,750,497	189,916,733	33,166,236	82.5	1,983,048	6.61	
10/1/2002	878	722	36,664,439	164,597,832	213,758,531	49,160,699	77.0	3,810,183	10.39	
10/1/2003	872	745	38,497,328	175,458,765	233,155,961	57,697,196	75.3	4,123,269	10.71	
10/1/2004	879	770	40,421,513	180,192,031	257,632,743	77,440,712	69.9	4,451,446	11.01	
10/1/2005	840	811	41,480,512	185,301,557	275,757,219	90,455,662	67.2	4,704,515	11.34	
10/1/2006	825	851	41,755,261	195,193,325	303,778,626	108,585,301	64.3	4,949,811	11.85	
10/1/2007	827	885	45,999,379	212,980,592	325,892,851	112,912,259	65.4	5,342,240	11.61	
10/1/2008	792	900	45,848,717	222,098,827	348,634,231	126,535,404	63.7	6,445,410	14.05	
10/1/2009	717	927	44,084,422	220,155,870	369,526,337	149,370,467	59.6	5,138,036	11.65	
10/1/2010	668	947	38,748,664	223,942,457	351,118,031	127,175,574	63.8	2,971,772	7.67	
10/1/2011	534	1,053	29,823,518	224,237,503	376,225,569	151,988,066	59.6	2,187,628	7.34	
10/1/2012	522	1074	29,111,818	217,907,548	387,472,215	169,564,667	56.2	2,191,076	7.53	
10/1/2013	516	1,091	28,007,058	227,700,385	424,004,184	196,303,799	53.7	2,324,011	8.30	
10/1/2014	537	1,112	31,028,415	243,861,301	438,745,548	194,884,247	55.6	2,075,371	6.69	
10/1/2015	574	1,119	34,141,024	262,500,651	452,766,023	190,265,372	58.0	2,304,306	6.75	
10/1/2016	606	1,117	37,818,489	288,322,823	483,798,487	195,475,664	59.6	2,704,760	7.15	
10/1/2017	636	1,119	41,566,583	311,932,945	502,163,903	190,230,958	62.1	3,155,193	7.59	
10/1/2018**	570	1,182	37,870,123	334,799,360	564,930,767	230,131,407	59.3	3,675,379	9.71	
10/1/2019	592	1,186	40,869,983	341,286,411	565,621,420	224,335,009	60.3	3,868,791	9.47	
10/1/2020	599	1,190	40,789,456	369,068,328	583,426,971	214,358,643	63.3	3,875,138	9.50	
10/1/2021	603	1,185	41,931,489	393,278,367	613,804,664	220,526,297	64.1	4,329,102	10.32	
10/1/2022	587	1,222	40,906,705	406,687,916	631,435,869	224,747,953	64.4	4,294,202	10.50	

\* Excludes transfers.

\*\*Reflects Actuarial Impact Statement dated June 17, 2019.

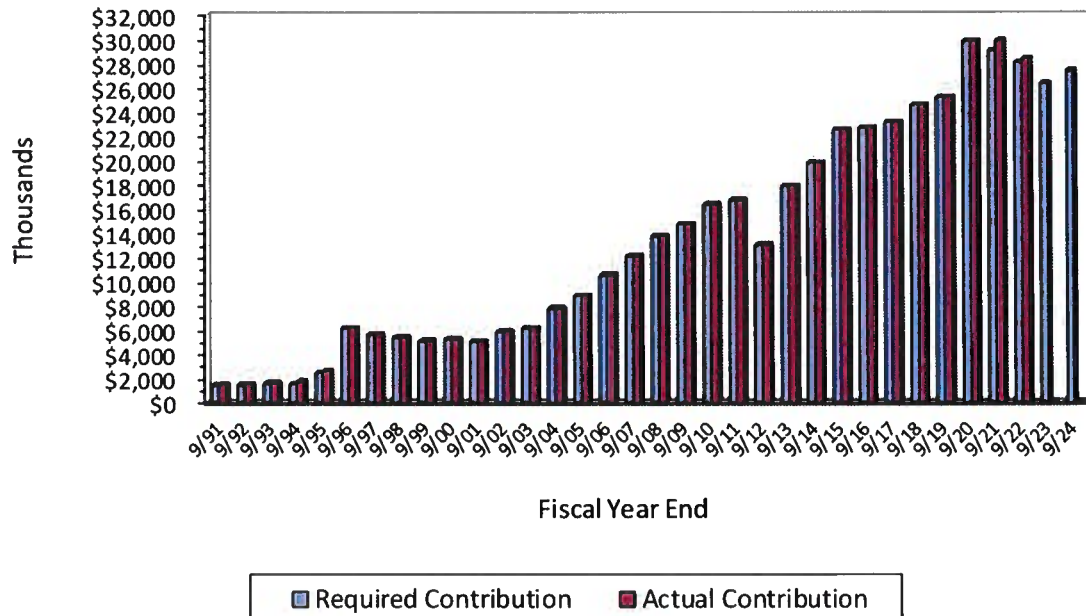


RECENT HISTORY OF REQUIRED AND ACTUAL CONTRIBUTIONS				
Valuation Date	For Fiscal Year Ended September 30	Required Employer Contribution		Actual Employer Contribution
		Amount	% of Payroll	
10/1/89	1991	\$ 1,437,693	7.43 %	\$ 1,484,132
10/1/90	1992	1,473,155	7.07	1,484,743
10/1/91	1993	1,617,462	7.84	1,623,342
10/1/92	1994	1,554,337	7.70	1,758,060
10/1/93	1995	2,458,234	11.10	2,648,667
10/1/94	1996	6,169,517	32.89	6,169,521
10/1/95	1997	5,647,078	26.19	5,647,180
10/1/96	1998	5,399,263	22.01	5,399,263
10/1/97	1999	5,101,822	19.93	5,101,822
10/1/98	2000	5,256,720	19.06	5,256,720
10/1/99	2001	5,071,643	17.52	5,071,643
10/1/00	2002	5,878,301	18.09	5,878,301
10/1/01	2003	6,164,953	18.09	6,164,953
10/1/02	2004	7,805,841	20.57	7,805,841
10/1/03	2005	8,817,640	22.13	8,817,640
10/1/04	2006	10,559,474	25.24	10,559,474
10/1/05	2007	12,087,074	28.15	12,087,074
10/1/06	2008	13,761,179	31.84	13,761,179
10/1/07	2009	14,743,450	30.97	14,743,450
10/1/08	2010	16,406,324	34.58	16,406,324
10/1/09	2011	16,734,454	36.68	16,734,454
10/1/10	2012	13,050,878	36.14	13,050,878
10/1/11	2013	17,913,508	59.43	17,913,508
10/1/12	2014	19,834,090	67.51	19,834,090
10/1/13	2015	22,547,585	80.30	22,547,585
10/1/14	2016	22,716,242	69.56	22,716,242
10/1/15	2017	23,189,007	66.33	23,189,007
10/1/16	2018	24,580,287	63.11	24,580,287
10/1/17	2019	25,225,862	58.64	25,225,862
10/1/18*	2020	29,845,528	69.92	29,845,528
10/1/19	2021	29,106,927	68.81	29,944,811
10/1/20	2022	28,082,806	66.52	28,424,569
10/1/21	2023	26,404,007	60.84	---
10/1/22	2024	27,439,543	64.81	---

\*Reflects Actuarial Impact Statement dated June 17, 2019.



Recent History of Required and Actual Contributions



# ACTUARIAL ASSUMPTIONS AND COST METHOD

## Valuation Methods

**Actuarial Cost Method** - Normal cost and the allocation of benefit values between service rendered before and after the valuation date were determined using an **Individual Entry-Age Actuarial Cost Method** having the following characteristics:

- (i) the annual normal cost for each individual active member, payable from the date of employment to the date of retirement, is sufficient to accumulate the value of the member's benefit at the time of retirement;
- (ii) each annual normal cost is a constant percentage of the member's year by year projected covered pay.

Actuarial gains/(losses), as they occur, reduce (increase) the Unfunded Actuarial Accrued Liability.

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

**Actuarial Value of Assets** - The Actuarial Value of Assets phases in the difference between the actual return on market value and the expected return on Actuarial Value of Assets at the rate of 20% per year. The Actuarial Value of Assets will be further adjusted to the extent necessary to fall within the corridor whose lower limit is 80% of the Market Value of plan assets and whose upper limit is 120% of the Market Value of plan assets. During periods when investment performance exceeds the assumed rate, Actuarial Value of Assets will tend to be less than Market Value. During periods when investment performance is less than assumed rate, Actuarial Value of Assets will tend to be greater than Market Value.

## Valuation Assumptions

**The actuarial assumptions used** in the valuation are shown in this Section. Both the economic and demographic assumptions were established following the Experience Study Report as of October 1, 2014 covering the five years ending September 30, 2014. The mortality table is based on the assumption used by the Florida Retirement System Pension Plan, as required by Chapter 112.63, Florida Statutes.

## Economic Assumptions

**The investment return rate** assumed in the valuation is 7.0% per year, compounded annually (net after investment expenses).

The **Inflation Rate** assumed in this valuation is 2.5% per year. The Inflation Rate is defined to be the expected long-term rate of increases in the prices of goods and services.

The assumed **real rate of return** over inflation is defined to be the portion of total investment return that is more than the assumed inflation rate. Considering other economic assumptions, the 7.0% investment return rate translates to an assumed real rate of return over inflation of 4.5%.



The active member population is assumed to remain constant. For purposes of financing the unfunded liabilities, total payroll is assumed to grow at 3.5% per year, but not greater than the actual ten-year average. The most recent ten-year average is 3.46%.

Total payroll is projected to the contribution year by applying a 3.5% payroll increase assumption.

**Pay increase assumptions** for individual active members are shown below. Part of the assumption for each age is for merit and/or seniority increase, and the other 2.5% recognizes wage inflation, including price inflation, productivity increases, and other macroeconomic forces.

**The rates of salary increase** used are in accordance with the following table. This assumption is used to project a member's current salary to the salaries upon which benefits will be based. To allow for the inclusion of the lump sum payment of unused sick and vacation leave in average final compensation, projected benefits for active members hired before July 15, 2009 are increased by the calculated percentage based on each member's accrued unused sick leave hours as of October 1, 2002 and vacation leave hours as of March 2014 divided by 6,240 hours (equal to 2,080 hours for each year in 3-year averaging period).

Years of Service	% Increase in Salary		
	Merit and Seniority	Base (Economic)	Total Increase
1	5.00 %	2.50 %	7.50
2	4.25	2.50	6.75
3	4.25	2.50	6.75
4	4.25	2.50	6.75
5	4.25	2.50	6.75
6	4.25	2.50	6.75
7	4.25	2.50	6.75
8	4.25	2.50	6.75
9	4.25	2.50	6.75
10	5.50	2.50	8.00
11	0.50	2.50	3.00
12	0.50	2.50	3.00
13	0.50	2.50	3.00
14	0.50	2.50	3.00
15	4.50	2.50	7.00
16	0.50	2.50	3.00
17	0.50	2.50	3.00
18	0.50	2.50	3.00
19	0.50	2.50	3.00
20	2.50	2.50	5.00
21 or more	0.50	2.50	3.00



## Demographic Assumptions

**The mortality table** for healthy lives is the PUB-2010 Headcount Weighted General Below Median Employee Mortality Table (for pre-retirement mortality) and the PUB-2010 Headcount Weighted General Below Median Healthy Retiree Mortality Table (for post-retirement mortality), with separate rates for males and females and ages set back one year for males, with mortality improvements projected to all future years after 2010 using Scale MP-2018. These are the same rates used for (non-Teacher) Regular Class members in the July 1, 2021 actuarial valuation of the Florida Retirement System (FRS) Pension Plan (based on the 2019 FRS experience study report), in accordance with Florida Statutes Chapter 112.63.

### FRS Healthy Post-Retirement Mortality for Regular Class Members

Sample Attained Ages (in 2022)	Probability of Dying Next Year		Future Life Expectancy (years)	
	Men	Women	Men	Women
50	0.19	0.58	33.24	37.04
55	0.95	0.57	28.87	32.59
60	1.13	0.59	24.77	28.04
65	1.29	0.68	20.70	23.46
70	1.79	1.08	16.68	18.98
75	2.84	1.87	12.97	14.79
80	4.78	3.38	9.68	11.03

### FRS Healthy Pre-Retirement Mortality for Regular Class Members

Sample Attained Ages (in 2022)	Probability of Dying Next Year		Future Life Expectancy (years)	
	Men	Women	Men	Women
50	0.19	0.11	37.80	40.34
55	0.30	0.17	32.79	35.21
60	0.46	0.26	27.93	30.18
65	0.65	0.37	23.24	25.25
70	0.90	0.56	18.68	20.43
75	1.34	0.93	14.24	15.74
80	2.11	1.56	9.94	11.23

For active transfers, the mortality table used is the PUB-2010 Headcount Weighted Safety Below Median Employee Mortality Table for males (pre-retirement), the PUB-2010 Headcount Weighted Safety Employee Mortality Table for females (pre-retirement), the PUB-2010 Headcount Weighted Safety Below Median Healthy Retiree Mortality Table for males (post-retirement), and the PUB-2010 Safety Healthy Retiree Mortality Table for females (post-retirement), with ages set forward one year for males and females, and with mortality improvements projected to all future years after 2010 using Scale MP-2018. These are the same rates used for Special Risk Class members in the July 1, 2021 actuarial valuation of the Florida Retirement System (FRS) Pension Plan (based on the 2019 FRS experience study report), in accordance with Florida Statutes Chapter 112.63.



**FRS Healthy Post-Retirement Mortality for Special Risk Class Members**

Sample Attained Ages (in 2022)	Probability of Dying Next Year		Future Life Expectancy (years)	
	Men	Women	Men	Women
50	0.42	0.20	32.59	36.43
55	0.55	0.36	27.82	31.39
60	0.92	0.60	23.23	26.59
65	1.31	0.92	18.95	22.07
70	2.08	1.44	14.93	17.81
75	3.51	2.40	11.32	13.88
80	6.24	4.12	8.24	10.41

**FRS Healthy Pre-Retirement Mortality for Special Risk Class Members**

Sample Attained Ages (in 2022)	Probability of Dying Next Year		Future Life Expectancy (years)	
	Men	Women	Men	Women
50	0.16	0.10	35.74	39.66
55	0.25	0.16	30.66	34.51
60	0.42	0.22	25.70	29.44
65	0.69	0.30	20.93	24.42
70	1.17	0.54	16.40	19.51
75	2.06	1.06	12.16	14.81
80	6.24	4.12	8.24	10.41

For disabled lives, the mortality table used is the PUB-2010 Headcount Weighted General Disabled Retiree Mortality Table, with separate rates for males and females and ages set forward 3 years for both males and females, with no provision being made for future mortality improvements. These are the same rates used for Regular Class members in the July 1, 2021 actuarial valuation of the FRS Pension Plan (based on the 2019 FRS experience study report), in accordance with Florida Statutes Chapter 112.63.

Sample Attained Ages	Probability of Dying Next Year		Future Life Expectancy (years)	
	Men	Women	Men	Women
50	2.02 %	1.64 %	20.99	23.92
55	2.53	1.91	18.18	20.88
60	3.08	2.27	15.50	17.88
65	3.93	2.83	12.94	14.91
70	5.08	3.79	10.53	12.07
75	6.98	5.46	8.29	9.45
80	10.12	8.31	6.33	7.19



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

<b>Members Hired Before July 15, 2009</b>		
<b>Number of Years After First Eligibility for Normal Retirement</b>	<b>Probability of Normal Retirement</b>	
	<b>For 55 and 5 Retirement</b>	<b>For 25 and Out Retirement</b>
0	20 %	30 %
1	5	20
2	5	20
3	5	20
4	5	20
5	5	100
6	5	100
7	25	100
8	10	100
9	10	100
10	50	100
11	50	100
12	50	100
13	50	100
14	50	100
15	100	100

**Members Hired On or After July 15, 2009 and  
Before October 1, 2011 for General Fund Members  
or Before March 5, 2014 for Non-General Fund**

<b>Age</b>	<b>Probability of Normal Retirement for 60 and 7 Retirement**</b>
60	50 %
61	30
62	30
63	55
64	40
65	40
66	40
67	50
68	10
69	10
70	30
71+	100

*\*\* For members hired on or after July 15, 2009 and before October 1, 2011 for general fund members or before March 5, 2014 for non-general fund members, 100% probability of retirement is assumed upon attaining age 57 with 25 years of service or upon attaining 30 years of service regardless of age.*

**General Fund Members Hired After September 30, 2011 and  
Non-General Fund Members Hired After March 5, 2014**

<b>Age</b>	<b>Years of Service</b>				
	<b>7 - 14</b>	<b>15 - 19</b>	<b>20 - 24</b>	<b>25 - 29</b>	<b>30+*</b>
60	0.0 %	0.0 %	0.0 %	0.0 %	30.0 %
61	0.0	0.0	0.0	0.0	30.0
62	0.0	0.0	0.0	100.0	100.0
63	0.0	0.0	0.0	100.0	100.0
64	0.0	0.0	0.0	100.0	100.0
65	30.0	40.0	50.0	100.0	100.0
66	30.0	30.0	30.0	100.0	100.0
67	30.0	30.0	30.0	100.0	100.0
68	30.0	30.0	30.0	100.0	100.0
69	30.0	30.0	30.0	100.0	100.0
70	100.0	100.0	100.0	100.0	100.0

\* Upon attaining 30 years of service, the retirement rates for the first and second years of eligibility are 30% and the rate for the third year is 100% (regardless of age).

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

Sample Ages	Years of Service	% of Active Members Separating Within Next Year
ALL	0	13.0 %
	1	12.0
	2	12.0
	3	11.0
	4	10.0
20	5 & Over	12.0
25		12.0
30		12.0
35		8.0
40		3.8
45		2.0
50		2.0
55		2.0
60		2.0

**Rates of disability** among active members (25% of disabilities are assumed to be service-connected).

Sample Ages	% Becoming Disabled Within Next Year
20	0.06 %
25	0.08
30	0.10
35	0.13
40	0.17
45	0.27
50	0.46
55	0.86
60	1.49

#### **Changes Since Previous Valuation**

The amortization period for new Unfunded Actuarial Accrued Liability (UAAL) bases was lowered from 28 years to 27 years, and will continue to be lowered by one year for each year until reaching 25 years.

## Miscellaneous and Technical Assumptions

<b><i>Administrative &amp; Investment Expenses</i></b>	The investment return assumption is intended to be the return net of investment expenses. Annual administrative expenses are assumed to be equal to the prior year's expenses. Assumed administrative expenses are added to the Normal Cost.
<b><i>Benefit Service</i></b>	Exact fractional service is used to determine the amount of benefit payable.
<b><i>COLA</i></b>	The COLA delay is 3 years for projected benefits of active members who are not eligible to enter the DROP. The COLA delay is assumed to be 6 years for current DROP members who entered the DROP after August 17, 2009.
<b><i>Data Assumptions/Adjustments</i></b>	Where complete participant data was not available, we have used data assumptions which we believe are reasonable and internally consistent.
<b><i>Decrement Operation</i></b>	Disability and mortality decrements operate during retirement eligibility.
<b><i>Decrement Timing</i></b>	Decrements of all types are assumed to occur at the beginning of the year.
<b><i>Eligibility Testing</i></b>	Eligibility for benefits is determined based upon the age nearest birthday and service nearest whole year on the date the decrement is assumed to occur.
<b><i>Forfeitures</i></b>	For vested separations from service, it is assumed that 0% of members separating will withdraw their contributions and forfeit an employer financed benefit. It was further assumed that the liability at termination is the greater of the vested deferred benefit (if any) or the member's accumulated contributions.
<b><i>Incidence of Contributions</i></b>	Employer contributions are assumed to be made in equal installments biweekly throughout the year. Member contributions are assumed to be received continuously throughout the year based upon the computed percent of payroll shown in this report, and the actual payroll payable at the time contributions are made.
<b><i>Marriage Assumption</i></b>	100% of males and 100% of females are assumed to be married for purposes of death-in-service benefits. Male spouses are assumed to be three years older than female spouses for active member valuation purposes.

<b>Maximum Benefit</b>	The maximum accrued benefit payable as a life annuity reflects the 415(b) limit (\$245,000 for 2022 for ages 62 through 65). The limitation is projected to increase by 4.0% per year and is adjusted for other commencement ages based on IRS regulations.
<b>Normal Form of Benefit</b>	A life annuity is the normal form of benefit.
<b>Pay Increase Timing</b>	Beginning of fiscal year. This is equivalent to assuming that reported pays represent amounts paid to members during the year ended on the valuation date.
<b>Planned Retirement Program</b>	<p>Eligible members are assumed to first elect the Planned Retirement Program once they are five years past their earliest normal retirement date.</p> <p>Employees who enter the Planned Retirement Program are assumed to elect the following benefit with the greatest value:</p> <ul style="list-style-type: none"> <li>▪ Value of the normal retirement benefit</li> <li>▪ Value of the one to five year Planned Retirement Program benefit. For example, a five year Planned Retirement Program present value is calculated as the accumulated value of the accrued benefit from five years ago plus the present value of this reduced benefit.</li> </ul> <p>The deposits to the Planned Retirement Program accounts are credited with an assumed interest rate of 5.6% per year.</p>
<b>Pre-Funding of Supplemental Pension Distribution</b>	Projected benefits for members eligible for the Supplemental Pension Distribution currently and in the future are loaded by 5.7% to recognize the effect of the Supplemental Pension Distribution in years when the investment return is 4.5% above the assumed rate (i.e., 11.5%, based on the current assumed rate 7.0%).
<b>Service Credit Accruals</b>	It is assumed that members accrue one year of service credit per year.
<b>Sick and Vacation Leave</b>	To allow for the inclusion of the lump sum payment of unused sick and vacation leave in average final compensation, projected benefits for active members hired before July 15, 2009 are increased by the calculated percentage based on each member's accrued unused sick leave hours as of October 1, 2002 and vacation leave hours as of March 2014 divided by 6,240 hours (equal to 2,080 hours for each year in 3-year averaging period).

## GLOSSARY

<b><i>Actuarial Accrued Liability (AAL)</i></b>	The difference between the Actuarial Present Value of Future Benefits, and the Actuarial Present Value of Future Normal Costs.
<b><i>Actuarial Assumptions</i></b>	Assumptions about future plan experience that affect costs or liabilities, such as: mortality, withdrawal, disablement, and retirement; future increases in salary; future rates of investment earnings; future investment and administrative expenses; characteristics of members not specified in the data, such as marital status; characteristics of future members; future elections made by members; and other items.
<b><i>Actuarial Cost Method</i></b>	A procedure for allocating the Actuarial Present Value of Future Benefits between the Actuarial Present Value of Future Normal Costs and the Actuarial Accrued Liability.
<b><i>Actuarial Equivalent</i></b>	Of equal Actuarial Present Value, determined as of a given date and based on a given set of Actuarial Assumptions.
<b><i>Actuarial Present Value (APV)</i></b>	The amount of funds required to provide a payment or series of payments in the future. It is determined by discounting the future payments with an assumed interest rate and with the assumed probability each payment will be made.
<b><i>Actuarial Present Value of Future Benefits (APVFB)</i></b>	The Actuarial Present Value of amounts which are expected to be paid at various future times to active members, retired members, beneficiaries receiving benefits, and inactive, nonretired members entitled to either a refund or a future retirement benefit. Expressed another way, it is the value that would have to be invested on the valuation date so that the amount invested plus investment earnings would provide sufficient assets to pay all projected benefits and expenses when due.
<b><i>Actuarial Valuation</i></b>	The determination, as of a valuation date, of the Normal Cost, Actuarial Accrued Liability, Actuarial Value of Assets, and related Actuarial Present Values for a plan. An Actuarial Valuation for a governmental Retirement Fund typically also includes calculations of items needed for compliance with GASB Statement No. 67.
<b><i>Actuarial Value of Assets</i></b>	The value of the assets as of a given date, used by the actuary for valuation purposes. This may be the market or fair value of plan assets or a smoothed value in order to reduce the year-to-year volatility of calculated results, such as the funded ratio and the actuarially determined contribution (ADC).

<b><i>Amortization Method</i></b>	A method for determining the Amortization Payment. The most common methods used are level dollar and level percentage of payroll. Under the Level Dollar method, the Amortization Payment is one of a stream of payments, all equal, whose Actuarial Present Value is equal to the UAAL. Under the Level Percentage of Pay method, the Amortization Payment is one of a stream of increasing payments, whose Actuarial Present Value is equal to the UAAL. Under the Level Percentage of Pay method, the stream of payments increases at the rate at which total covered payroll of all active members is assumed to increase.
<b><i>Amortization Payment</i></b>	That portion of the plan contribution or ADC which is designed to pay interest on and to amortize the Unfunded Actuarial Accrued Liability.
<b><i>Amortization Period</i></b>	The period used in calculating the Amortization Payment.
<b><i>Actuarially Determined Contribution (ADC)</i></b>	The employer's periodic required contributions, expressed as a dollar amount or a percentage of covered plan compensation. The ADC consists of the Employer Normal Cost and Amortization Payment.
<b><i>Closed Amortization Period</i></b>	A specific number of years that is reduced by one each year, and declines to zero with the passage of time. For example if the amortization period is initially set at 30 years, it is 29 years at the end of one year, 28 years at the end of two years, etc.
<b><i>Employer Normal Cost</i></b>	The portion of the Normal Cost to be paid by the employer. This is equal to the Normal Cost less expected member contributions.
<b><i>Equivalent Single Amortization Period</i></b>	For plans that do not establish separate amortization bases (separate components of the UAAL), this is the same as the Amortization Period. For plans that do establish separate amortization bases, this is the period over which the UAAL would be amortized if all amortization bases were combined upon the current UAAL payment.
<b><i>Experience Gain/Loss</i></b>	A measure of the difference between actual experience and that expected based upon a set of Actuarial Assumptions, during the period between two actuarial valuations. To the extent that actual experience differs from that assumed, Unfunded Actuarial Accrued Liabilities emerge which may be larger or smaller than projected. Gains are due to favorable experience, e.g., the assets earn more than projected, salaries do not increase as fast as assumed, members retire later than assumed, etc. Favorable experience means actual results produce actuarial liabilities not as large as projected by the actuarial assumptions. On the other hand, losses are the result of unfavorable experience, i.e., actual results that produce Unfunded Actuarial Accrued Liabilities which are larger than projected.

<b><i>Funded Ratio</i></b>	The ratio of the Actuarial Value of Assets to the Actuarial Accrued Liability.
<b><i>GASB</i></b>	Governmental Accounting Standards Board.
<b><i>GASB Statement No. 67 and GASB Statement No. 68</i></b>	These are the governmental accounting standards that set the accounting rules for public Retirement Funds and the employers that sponsor or contribute to them. Statement No. 68 sets the accounting rules for the employers that sponsor or contribute to public Retirement Funds, while Statement No. 67 sets the rules for the systems themselves.
<b><i>Normal Cost</i></b>	The annual cost assigned, under the Actuarial Cost Method, to the current plan year.
<b><i>Open Amortization Period</i></b>	An open amortization period is one which is used to determine the Amortization Payment but which does not change over time. In other words, if the initial period is set as 30 years, the same 30-year period is used in determining the Amortization Period each year. In theory, if an Open Amortization Period is used to amortize the Unfunded Actuarial Accrued Liability, the UAAL will never completely disappear, but will become smaller each year, either as a dollar amount or in relation to covered payroll.
<b><i>Unfunded Actuarial Accrued Liability</i></b>	The difference between the Actuarial Accrued Liability and Actuarial Value of Assets.
<b><i>Valuation Date</i></b>	The date as of which the Actuarial Present Value of Future Benefits are determined. The benefits expected to be paid in the future are discounted to this date.



## **SECTION C**

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### **PENSION FUND INFORMATION**

## Statement of Plan Assets at Market Value

Item	September 30	
	2022	2021
A. Cash and Cash Equivalents (Operating Cash)	\$ -	\$ -
B. Receivables		
1. Member Contributions	\$ -	\$ -
2. Employer Contributions	-	11,112,130 *
3. Investment Income and Other Receivables	1,085,444	734,034
4. Total Receivables	\$ 1,085,444	\$ 11,846,164
C. Investments		
1. Money Market Shares	\$ 7,097,960	\$ 6,237,302
2. Corporate Equities	13,798,701	15,681,939
3. Corporate Bonds	3,880,835	-
4. U.S. Government Securities	5,388,842	-
5. Mutual Funds	207,499,592	285,999,924
6. Pooled Investment Funds	148,586,662	124,015,119
7. Total Investments	\$ 386,252,592	\$ 431,934,284
D. Liabilities		
1. Benefits Payable	\$ (536,787)	\$ (455,505)
2. Prepaid City Contributions	-	-
3. Accrued Expenses and Other Payables	(1,139,222)	(638,441)
4. Total Liabilities	\$ (1,676,009)	\$ (1,093,946)
E. Total Market Value of Assets Available for Benefits	\$ 385,662,027	\$ 442,686,502
F. DROP Accounts	\$ (6,317,935)	\$ (6,928,906)
G. Supplemental Pension Distribution	\$ -	\$ (7,578,907)
H. Market Value Net of Reserves	\$ 379,344,092	\$ 428,178,689
I. Allocation of Investments		
1. Money Market Shares	1.8%	1.4%
2. Corporate Equities	3.6%	3.6%
3. Corporate Bonds	1.0%	0.0%
4. U.S. Government Securities	1.4%	0.0%
5. Mutual Funds	53.7%	66.3%
6. Pooled Investment Funds	38.5%	28.7%
7. Total Investments	100.0%	100.0%

\* Includes the remaining City contribution receivable due to the previous City contribution shortfall.



## Reconciliation of Plan Assets

Item	September 30	
	2022	2021
A. Market Value of Assets at Beginning of Year	\$ 442,686,502	\$ 369,685,845
B. Adjustment to Match Prior Year's Financial Statements	\$ -	\$ (18,358)
C. Revenues and Expenditures		
1. Contributions		
a. Employee Contributions	\$ 3,507,528	\$ 3,455,693
b. City Contributions	28,387,441	29,914,898
c. County Contributions	37,128	29,913
d. Total	\$ 31,932,097	\$ 33,400,504
2. Investment Income		
a. Interest, Dividends, and Other Income	\$ 5,477,861	\$ 4,706,833
b. Net Realized/Unrealized Gains/(Losses)*	(45,485,428)	73,078,949
c. Investment Expenses	(648,438)	(677,405)
d. Net Investment Income	\$ (40,656,005)	\$ 77,108,377
3. Benefits and Refunds		
a. Regular Monthly Benefits	\$ (35,157,992)	\$ (33,058,248)
b. Supplemental Pension Distribution	(7,578,907)	-
c. Refunds	(921,883)	(480,993)
d. DROP Distributions	(3,720,189)	(3,149,632)
e. Total	\$ (47,378,971)	\$ (36,688,873)
4. Administrative and Miscellaneous Expenses	\$ (921,596)	\$ (800,993)
5. Transfers	\$ -	\$ -
D. Market Value of Assets at End of Year	\$ 385,662,027	\$ 442,686,502
E. DROP Accounts	\$ (6,317,935)	\$ (6,928,906)
F. Supplemental Pension Distribution	\$ -	\$ (7,578,907)
G. Market Value Net of Reserves	\$ 379,344,092	\$ 428,178,689

\* The breakdown between realized and unrealized gains/(losses) was not provided.



# Development of Actuarial Value of Assets

Fiscal Year Ending September 30	2021	2022	2023	2024	2025	2026
A. Actuarial Value of Assets Beginning of Year	\$ 375,081,169	\$ 407,786,180				
B. Market Value End of Year	442,686,502	385,662,027				
C. Market Value Beginning of Year	369,685,845	442,686,502				
D. Non-Investment/Administrative Net Cash Flow	(4,107,720)	(16,368,470)				
E. Investment Income						
E1. Actual Market Total: B - C - D	77,108,377	(40,656,005)				
E2. Assumed Rate of Return	7.30%	7.00%	7.00%	7.00%	7.00%	7.00%
E3. Assumed Amount of Return	27,230,994	27,972,136				
E4. Amount Subject to Phase-In: E1 - E3	49,877,383	(68,628,141)				
F. Phased-In Recognition of Investment Income						
F1. Current Year: 0.2 x E4	9,975,477	(13,725,628)				
F2. First Prior Year	(85,062)	9,975,477	(13,725,628)			
F3. Second Prior Year	(2,197,620)	(85,062)	9,975,477	(13,725,628)		
F4. Third Prior Year	(351,162)	(2,197,620)	(85,062)	9,975,477	(13,725,628)	
F5. Fourth Prior Year	2,240,104	(351,162)	(2,197,618)	(85,060)	9,975,475	(13,725,629)
F6. Total Phase-Ins	9,581,737	(6,383,995)	(6,032,831)	(3,835,211)	(3,750,153)	(13,725,629)
G. Actuarial Value of Assets End of Year						
G1. Preliminary Actuarial Value of Assets End of Year:						
A + D + E3 + F6	\$ 407,786,180	\$ 413,005,851				
G2. Upper Corridor Limit: 120% x B	531,223,802	462,794,432				
G3. Lower Corridor Limit: 80% x B	354,149,202	308,529,622				
G4. Actuarial Value of Assets End of Year	407,786,180	413,005,851				
G5. DROP Accounts	(6,928,906)	(6,317,935)				
G6. Supplemental Pension Distribution	(7,578,907)	-				
G7. Final Actuarial Value of Assets End of Year	393,278,367	406,687,916				
H. Difference between Market & Actuarial Value of Assets	34,900,322	(27,343,824)				
I. Actuarial Rate of Return	10.02%	5.40%				
J. Market Value Rate of Return	21.30%	-9.36%				
K. Ratio of Actuarial Value of Assets to Market Value	92.12%	107.09%				



### Reconciliation of DROP Accounts

<b>Year Ended 9/30</b>	<b>Balance at Beginning of Year</b>	<b>Adjustment</b>	<b>Credits</b>	<b>Interest</b>	<b>Distributions</b>	<b>Balance at End of Year</b>
2009	\$6,528,104	\$ -	\$ 2,274,151	\$ 419,340	\$ (1,708,212)	\$7,513,383
2010	7,513,383	-	2,973,674	585,319	(1,099,439)	9,972,937
2011	9,972,937	4,989	3,882,345	266,041	(2,612,900)	11,513,412
2012	11,513,412	-	5,203,864	1,494,309	(4,659,576)	13,552,009
2013	13,552,009	-	4,668,559	1,628,934	(4,190,755)	15,658,747
2014	15,658,747	-	3,937,061	1,510,901	(5,811,164)	15,295,545
2015	15,295,545	6,075	3,135,456	385,571	(5,183,264)	13,639,383
2016	13,639,383	-	1,621,561	626,094	(12,503,182)	3,383,856
2017	3,383,856	-	352,814	152,609	(1,100,372)	2,788,907
2018	2,788,907	-	208,776	48,155	(1,709,139)	1,336,699
2019	1,336,699	1,969	8,016,654	881,041	(1,821,383)	8,414,980
2020	8,414,980	(88,679)	2,409,734	467,782	(5,190,976)	6,012,841
2021	6,012,841	-	2,794,545	1,271,152	(3,149,632)	6,928,906
2022	6,928,906	-	3,020,829	88,389	(3,720,189)	6,317,935

Year Ended	Investment Rate of Return	
	Market Value Basis	Actuarial Value Basis
9/30/1977	8.5 %	8.9 %
9/30/1978	4.2	9.5
9/30/1979	1.3	8.8
9/30/1980	0.7	8.4
9/30/1981	(2.4)	0.4
9/30/1982	34.9	9.2
9/30/1983	16.5	9.8
9/30/1984	8.2	10.3
9/30/1985	22.5	13.7
9/30/1986	16.5	16.1
9/30/1987	3.0	14.4
9/30/1988	11.9	11.2
9/30/1989	11.0	11.5
9/30/1990	6.0	10.6
9/30/1991	16.2	7.9
9/30/1992	12.2	10.8
9/30/1993	7.5	7.1
9/30/1994	(0.3)	0.9
9/30/1995	21.3	14.6
9/30/1996	13.4	12.3
9/30/1997	17.8	11.0
9/30/1998	5.4	10.2
9/30/1999	12.8	11.0
9/30/2000	17.9	12.7
9/30/2001	(8.5)	8.1
9/30/2002	(8.6)	0.5
9/30/2003	17.4	5.0
9/30/2004	8.7	4.4
9/30/2005	9.2	3.0
9/30/2006	7.1	6.0
9/30/2007	11.9	9.6
9/30/2008	(13.6)	4.3
9/30/2009	(2.4)	(1.0)
9/30/2010	8.5	5.4
9/30/2011	0.0	0.8
9/30/2012	19.8	1.9
9/30/2013	14.0	7.2
9/30/2014	11.0	9.8
9/30/2015	1.8	8.5
9/30/2016	10.5	10.3
9/30/2017	11.5	9.5
9/30/2018	6.8	8.3
9/30/2019	4.2	7.0
9/30/2020	7.7	8.0
9/30/2021	21.3	10.0
9/30/2022	(9.4)	5.4
<b>Average Returns:</b>		
Last 5 Years	5.7 %	7.7 %
Last 10 Years	7.7 %	8.4 %
All Years Shown	8.2 %	8.0 %

The above rates are based on the Retirement Fund's financial information reported to the actuary. They may differ from figures that the investment consultant reports, in part because of differences in the handling of administrative and investment expenses, and in part because of differences in the handling of cash flows.



## **SECTION D**

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### **FINANCIAL ACCOUNTING INFORMATION**

### FASB STATEMENT NO. 35 INFORMATION

A. Valuation Date	October 1, 2022	October 1, 2021
B. Actuarial Present Value of Accumulated Plan Benefits		
1. Vested Benefits		
a. Members Currently Receiving Payments	\$ 518,137,381	\$ 490,714,730
b. Terminated Vested Members	8,626,332	7,283,836
c. Other Members	81,428,640	86,792,392
d. Total	608,192,353	584,790,958
2. Non-Vested Benefits	8,387,689	14,663,834
3. Total Actuarial Present Value of Accumulated Plan Benefits: 1d + 2	616,580,042	599,454,792
4. Accumulated Contributions of Active Members	21,892,088	23,525,448
C. Changes in the Actuarial Present Value of Accumulated Plan Benefits		
1. Total Value at Beginning of Year	599,454,792	564,417,201
2. Increase (Decrease) During the Period Attributable to:		
a. Plan Amendment	0	0
b. Change in Actuarial Assumptions	0	14,247,808
c. Latest Member Data, Benefits Accumulated and Decrease in the Discount Period	63,804,861	57,123,569
d. Benefits Paid (Net Basis)	(46,679,611)	(36,333,786)
e. Net Increase	17,125,250	35,037,591
3. Total Value at End of Period	616,580,042	599,454,792
D. Market Value of Assets	379,344,092	428,178,689
E. Actuarial Assumptions - See page entitled Actuarial Assumptions and Cost Method		



## **SECTION E**

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### **MISCELLANEOUS INFORMATION**

RECONCILIATION OF MEMBERSHIP DATA		
	From 10/1/21 To 10/1/22	From 10/1/20 To 10/1/21
<b>A. Active Members</b>		
1. Number Included in Last Valuation	603	599
2. New Members Included in Current Valuation	88	71
3. Non-Vested Employment Terminations	(53)	(40)
4. Vested Employment Terminations	(12)	(4)
5. Service Retirements	(13)	(9)
6. DROP Retirements	(23)	(15)
7. Disability Retirements	(1)	0
8. Deaths	(2)	(1)
9. Other - Rehires/Data Corrections	0	2
10. Number Included in This Valuation	587	603
<b>B. Active Transfers</b>		
1. Number Included in Last Valuation	9	9
2. Additions	0	0
3. Non-Vested Employment Terminations	0	0
4. Vested Employment Terminations	0	0
5. Service Retirements	0	0
6. DROP Retirements	(3)	0
7. Deaths	0	0
8. Number Included in This Valuation	6	9
<b>C. Terminated Vested Members and Deferred Beneficiaries</b>		
1. Number Included in Last Valuation	54	54
2. Additions from Active Members	12	4
3. Additions from Service Retirees (Deferred Beneficiary)	0	2
4. Lump Sum Payments/Refund of Contributions	0	(1)
5. Payments Commenced	(2)	(4)
6. Deaths	(1)	0
7. Other - Rehires/Data Corrections	0	(1)
8. Number Included in This Valuation	63	54
<b>D. DROP Plan Members</b>		
1. Number Included in Last Valuation	61	61
2. Additions from Active Members and Transfers	26	15
3. Retirements	(19)	(16)
4. Deaths Resulting in No Further Payments	0	0
5. Other - Data Corrections	0	1
6. Number Included in This Valuation	68	61
<b>E. Service Retirees, Disability Retirees and Beneficiaries</b>		
1. Number Included in Last Valuation	1,070	1,075
2. Additions from Active Members and Transfers	14	9
3. Additions from Terminated Vested Members	2	4
4. Additions from DROP Plan Members	19	16
5. Deaths Resulting in No Further Payments	(18)	(32)
6. Deaths Resulting in New Survivor Benefits	4	1
7. End of Certain Period - No Further Payments	0	(2)
8. Other - Data Corrections	0	(1)
9. Number Included in This Valuation	1,091	1,070

## ACTIVE PARTICIPANT SCATTER

Age Group	Years of Service to Valuation Date												Totals
	0-1	1-2	2-3	3-4	4-5	5-9	10-14	15-19	20-24	25-29	30-34	35 & Up	
15-19	0	0	0	0	0	0	0	0	0	0	0	0	0
20-24	8	3	2	0	0	0	0	0	0	0	0	0	13
25-29	13	6	7	3	3	2	0	0	0	0	0	0	34
30-34	13	10	5	1	5	18	0	0	0	0	0	0	52
35-39	15	7	9	8	6	23	3	1	0	0	0	0	72
40-44	9	5	5	5	2	16	5	12	8	0	0	0	67
45-49	5	10	6	5	1	18	3	10	16	0	0	0	74
50-54	16	5	4	3	5	27	7	12	19	4	0	0	102
55-59	5	2	5	7	5	32	5	12	15	4	0	0	92
60-64	4	6	5	4	1	17	3	10	8	1	1	0	60
65 & Up	0	1	1	1	1	13	0	1	3	0	0	0	21
<b>Totals</b>	<b>88</b>	<b>55</b>	<b>49</b>	<b>37</b>	<b>29</b>	<b>166</b>	<b>26</b>	<b>58</b>	<b>69</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>587</b>

## INACTIVE PARTICIPANT SCATTER

Age Group	Terminated Vested / Deferred Beneficiaries		Disabled		Retired/DROP		Deceased with Beneficiary	
	Number	Total Benefits	Number	Total Benefits	Number	Total Benefits	Number	Total Benefits
Under 20	-	-	-	-	-	-	-	-
20-24	-	-	-	-	-	-	-	-
25-29	-	-	-	-	-	-	4	59,390
30-34	1	7,267	-	-	-	-	3	30,560
35-39	7	86,129	-	-	-	-	7	95,215
40-44	10	112,596	1	11,759	1	4,920	3	40,070
45-49	13	213,912	-	-	9	450,439	10	70,590
50-54	25	464,539	3	103,052	31	1,392,876	4	101,798
55-59	3	28,205	4	99,714	128	5,691,703	13	220,864
60-64	2	11,652	8	256,419	187	7,397,577	16	240,207
65-69	1	8,622	8	224,364	199	7,819,045	18	405,487
70-74	1	8,622	8	314,823	170	5,484,702	28	690,094
75-79	-	-	2	34,511	115	3,378,059	24	559,310
80-84	-	-	1	12,218	64	1,747,555	16	295,593
85-89	-	-	1	23,250	30	926,950	13	308,138
90-94	-	-	-	-	15	339,257	9	169,665
95-99	-	-	-	-	4	76,504	1	8,264
100 & Over	-	-	-	-	1	7,563	-	-
<b>Total</b>	<b>63</b>	<b>941,544</b>	<b>36</b>	<b>1,080,110</b>	<b>954</b>	<b>34,717,150</b>	<b>169</b>	<b>3,295,245</b>
<b>Average Age</b>		<b>49</b>		<b>66</b>		<b>69</b>		<b>68</b>

## **SECTION F**

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### **SUMMARY OF PLAN PROVISIONS**

# SUMMARY OF PLAN PROVISIONS

## A. Ordinances

The Plan was established under the Code of Ordinances for the City of Hollywood, Florida, and was most recently restated under Ordinance No. O-2003-07, passed and adopted on June 4, 2003. The Plan was most recently amended under Ordinance No. O-2019-14, adopted on June 19, 2019. The Plan is also governed by certain provisions of Part VII, Chapter 112, Florida Statutes (F.S.) and the Internal Revenue Code.

## B. Effective Date

October 1, 1958

## C. Plan Year

October 1 through September 30

## D. Type of Plan

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

## E. Eligibility Requirements

All regular full-time employees who are contributing to the pension plan.

## F. General Fund Member

Any member paid out of the City's general fund and/or other City funds, with the exception of the water and sewer utility, storm water utility, parking and sanitation funds.

## G. Credited Service

Service rendered to the City for which the member has received Compensation and has made contributions to the fund. No service is credited for any periods of employment for which the member received a refund of employee contributions.

## H. Compensation

### Members Hired Prior to July 15, 2009

Gross wages received from the City, including overtime and excluding payouts for blood time and compensatory time. Compensation includes payments for accumulated sick leave not to exceed the amount accumulated as of October 1, 2002. Compensation includes payments for accumulated annual leave not to exceed the amount accumulated as of March 2014 and limited to 125 hours for employees covered by a bargaining unit and are limited to 60 hours for employees not covered by a bargaining unit.



#### Members Hired on or After July 15, 2009

Compensation includes only base pay and longevity pay.

### **I. Average Final Compensation (AFC)**

#### Members Hired Prior to July 15, 2009

The average of Compensation over the highest 78 consecutive biweekly pay periods of Credited Service prior to termination or retirement.

#### Members Hired on or After July 15, 2009 but Before October 1, 2011 for General Fund Members or Before March 5, 2014 for Non-General Fund Members

The average of Compensation over the highest 104 consecutive biweekly pay periods of Credited Service prior to termination or retirement.

#### Members Hired on or After October 1, 2011 for General Fund Members or March 5, 2014 for Non-General Fund

The average of Compensation over the highest 130 consecutive biweekly pay periods or the last 260 biweekly pay periods of Credited Service prior to termination or retirement.

### **J. Normal Retirement**

#### Members Hired Prior to July 15, 2009

**Eligibility:** A member may retire upon attaining age 55 with 5 years of Credited Service or upon attaining 25 years of Credited Service regardless of age.

**Benefit:** 3.0% of AFC multiplied by years of Credited Service, up to 81% of AFC.

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

**COLA:** 2.0% per year commencing 3 years after retirement benefits begin.

#### Members Hired on or After July 15, 2009 but Before October 1, 2011 for General Fund Members or Before March 5, 2014 for Non-General Fund Members

**Eligibility:** A member may retire upon attaining age 60 with 7 years of Credited Service, upon attaining age 57 with 25 years of Credited Service, or upon attaining 30 years of Credited Service regardless of age.

**Benefit:** 2.5% of AFC multiplied by years of Credited Service, up to 81% of AFC.



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

COLA: None.

Members Hired on or After October 1, 2011 for General Fund Members or March 5, 2014 for Non-General Fund

Eligibility: A member may retire upon attaining age 65 with 7 years of Credited Service, age 62 with 25 years of Credited Service, or 30 years of Credited Service regardless of age.

Benefit: 2.5% of AFC multiplied by years of Credited Service, up to 81% of AFC.

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

COLA: None.

**K. Early Retirement**

None.

**L. Delayed Retirement**

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

**M. Service Connected Disability**

Members Hired Prior to July 15, 2009

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

Benefit: 75% of salary.

Normal Form  
of Benefit: Single Life Annuity; or until recovery from disability.

COLA: 2.0% per year commencing 3 years after retirement benefits begin. Members hired on or after July 15, 2009 are not eligible for the COLA.





Members Hired on or After July 15, 2009

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

**Benefit:** 75% of salary.

**Normal Form of Benefit:** Single Life Annuity; or until recovery from disability.

**COLA:** None.

**N. Non-Service Connected Disability**

Members Hired Prior to July 15, 2009

**Eligibility:** Any member with 5 years of Credited Service who becomes totally and permanently disabled and unable to perform the specific duties of the member's position is immediately eligible for a disability benefit.

**Benefit:** The greater of:  
(1) Accrued Normal Retirement Benefit taking into account Compensation earned and service credited until the date of disability, or  
(2) 20% of AFC.

**Normal Form of Benefit:** Single Life Annuity; or until recovery from disability.

**COLA:** 2.0% per year commencing 3 years after retirement benefits begin. Members hired on or after July 15, 2009 are not eligible for the COLA.

Members Hired on or After July 15, 2009

**Eligibility:** Any member with 7 years of Credited Service who becomes totally and permanently disabled and unable to perform the specific duties of the member's position is immediately eligible for a disability benefit.

**Benefit:** The greater of:  
(1) Accrued Normal Retirement Benefit taking into account Compensation earned and service credited until the date of disability, or  
(2) 20% of AFC.

**Normal Form of Benefit:** Single Life Annuity; or until recovery from disability.

**COLA:** None.



## **O. Death in the Line of Duty**

### Members Hired Prior to July 15, 2009

**Eligibility:** Members are eligible for survivor benefits after the completion of 5 years of Credited Service.

**Benefit:** The benefit payable to the spouse determined as though the deceased member had retired on the date of death and had chosen a 100% joint and survivor annuity.

**Normal Form of Benefit:** Single Life Annuity.

**COLA:** 2.0% per year commencing 3 years after retirement benefits begin. Members hired on or after July 15, 2009 are not eligible for the COLA.

The designated beneficiary of a plan member with less than 5 years of Credited Service will receive a refund of the member's accumulated contributions.

### Members Hired on or After July 15, 2009

**Eligibility:** Members are eligible for survivor benefits after the completion of 7 years of Credited Service.

**Benefit:** The benefit payable to the spouse determined as though the deceased member had retired on the date of death and had chosen a 100% joint and survivor annuity.

**Normal Form of Benefit:** Single Life Annuity.

**COLA:** None.

The designated beneficiary of a plan member with less than 7 years of Credited Service will receive a refund of the member's accumulated contributions.

## **P. Other Pre-Retirement Death**

### Members Hired Prior to July 15, 2009

**Eligibility:** Members are eligible for survivor benefits after the completion of 5 years of Credited Service.

**Benefit:** The benefit payable to the spouse determined as though the deceased member had retired on the date of death and had chosen a 100% joint and survivor annuity.



Normal Form  
of Benefit: Single Life Annuity.

COLA: 2.0% per year commencing 3 years after retirement benefits begin. Members hired on or after July 15, 2009 are not eligible for the COLA.

The designated beneficiary of a plan member with less than 5 years of Credited Service will receive a refund of the member's accumulated contributions.

Members Hired on or After July 15, 2009

Eligibility: Members are eligible for survivor benefits after the completion of 7 years of Credited Service.

Benefit: The benefit payable to the spouse determined as though the deceased member had retired on the date of death and had chosen a 100% joint and survivor annuity.

Normal Form  
of Benefit: Single Life Annuity.

COLA: None.

The designated beneficiary of a plan member with less than 7 years of Credited Service will receive a refund of the member's accumulated contributions.

**Q. Post Retirement Death**

Benefit determined by the form of benefit elected upon retirement.

**R. Optional Forms**

In lieu of electing the Normal Form of benefit, the optional forms of benefits available to all retirees are the 5, 10 and 20 Year Certain and Life Annuity options and the 50% and 100% Joint and Survivor options. Members who are eligible for normal retirement may elect to receive a Partial Lump Sum of up to 25% of the present value of the benefit with the remainder as a monthly benefit. The lump sum amount is calculated using the Plan's definition of actuarial equivalence.

**S. Vested Termination**

Members Hired Prior to July 15, 2009

Eligibility: A member has earned a non-forfeitable right to Plan benefits after the completion of 5 years of Credited Service.

Benefit: The benefit is the member's accrued Normal Retirement Benefit as of the date of termination. Benefit begins at age 55 (age 60 for members hired on or after July 15, 2009).



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

COLA: 2.0% per year commencing 3 years after retirement benefits begin. Members hired on or after July 15, 2009 are not eligible for the COLA.

Members terminating employment with less than 5 years of Credited Service will receive a refund of their own accumulated contributions.

Members Hired on or After July 15, 2009 but Before October 1, 2011 for General Fund Members or Before March 5, 2014 for Non-General Fund Members

Eligibility: A member has earned a non-forfeitable right to Plan benefits after the completion of 7 years of Credited Service.

Benefit: The benefit is the member's accrued Normal Retirement Benefit as of the date of termination. Benefit begins at 60.

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

COLA: None.

Members terminating employment with less than 7 years of Credited Service will receive a refund of their own accumulated contributions.

Members Hired on or After October 1, 2011 for General Fund Members or March 5, 2014 for Non-General Fund

Eligibility: A member has earned a non-forfeitable right to Plan benefits after the completion of 7 years of Credited Service.

Benefit: The benefit is the member's accrued Normal Retirement Benefit as of the date of termination. Benefit begins at 65.

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

COLA: None.

Members terminating employment with less than 7 years of Credited Service will receive a refund of their own accumulated contributions.



#### **T. Refunds**

- Eligibility:** All members terminating non-vested are eligible. Optionally, vested members may elect a refund in lieu of the vested benefits otherwise due.
- Benefit:** A refund of the member's contributions with simple interest at 4% per year through date of separation.

#### **U. Member Contributions**

##### Members Hired Prior to July 15, 2009

9.0% of Compensation.

##### Members Hired on or After July 15, 2009 but Before October 1, 2011 for General Fund Members or Before March 5, 2014 for Non-General Fund Members

9.0% of Compensation.

##### Members Hired on or After October 1, 2011 for General Fund Members or March 5, 2014 for Non-General Fund

8.0% of Compensation.

#### **V. Employer Contributions**

The amount determined by the actuary needed to fund the Plan properly according to State laws.

#### **W. Cost of Living Increases**

##### Members Hired Prior to July 15, 2009

2.0% per year commencing 3 years after retirement benefits begin. For Members who enter the DROP, the COLA begins 1 year after separation of employment, if later.

##### Members Hired on or After July 15, 2009

Members hired on or after July 15, 2009 are not eligible for the COLA.

#### **X. Deferred Retirement Option Plan (DROP)**

##### Members Hired Prior to July 15, 2009

- Eligibility:** A member may enter the DROP upon attaining age 55 with 10 years of Credited Service or upon attaining 25 years of Credited Service regardless of age, but before completing 30 years of Credited Service.



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

**Maximum**

**DROP Period:** 5 years but no later than completion of 32 years of Credited Service.

**Interest**

**Credited:** The member's DROP account is credited with interest at the same rate as the net rate of investment return on plan assets.

**Normal Form**

**of Benefit:** Lump Sum or Direct Rollover.

**COLA:** 2.0% per year commencing 3 years after DROP payments begin or 1 year after separation of employment, if later.

**Members Hired on or After July 15, 2009**

Members hired on or after July 15, 2009 are not eligible to enter the DROP.

**Y. Planned Retirement Program**

The Planned Retirement Program is available for members who were hired before July 15, 2009 and offers the following features:

- A member may backdrop for up to five years but not prior to the date when normal retirement eligibility was attained
- The retirement benefit is calculated based on service and average final compensation at the retroactive Planned Retirement Program date
- The Planned Retirement Program deposits are credited with interest according to the following schedule:
  - If the Plan's return is negative, the member shares in the losses
  - If the Plan's funded ratio is below 80%, the member receives the first 4%, the Plan receives the next 2%, and the member receives any additional earnings above 6%
  - If the Plan's funded ratio is between 80% and 90%, the member receives the first 4%, the Plan receives the next 1%, and the member receives any additional earnings above 5%
  - If the Plan's funded ratio is above 90%, the member receives the full Plan return



## **Z. Supplemental Pension Distribution**

The Plan provides that a supplemental pension distribution may be paid to eligible benefit recipients if the market value rate of return exceeds the assumed rate of return plus 4.5% (effective as of October 1, 2007). An eligible recipient is any member employed by the City on October 1, 2002, any member receiving benefits on that date, and any spouse of deceased members receiving benefits on that date. The Supplemental Pension Distribution is not payable while an eligible recipient participates in the DROP. The total Supplemental Pension Distribution is equal to the actuarial present value of future retirement benefits with respect to eligible recipients multiplied by the excess (not to exceed 2%) of the net market rate of return over the assumed rate of return plus 4.5%. The amount allocated to each eligible recipient is determined by multiplying the total Supplemental Pension Distribution by each individual member's years of Credited Service divided by total years of Credited Service for all recipients. Credit Service is limited to 25 years.

## **AA. Transfers**

Members who transfer to another City plan are eligible to receive benefits from this Plan. The employee contributions for transferred members remain in the fund. The benefit is based on the Credited Service accrued under this Plan, the multiplier in effect at the date of transfer, and the Compensation earned through date of termination or DROP participation. Eligibility for benefits is based on all service. Death and disability benefits are not payable from this Plan after the date of transfer. Members hired on or after July 15, 2009 who transfer to another City plan are treated as terminated employees.

## **AB. Other Ancillary Benefits**

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

## **AC. Changes from Previous Valuation**

None.

# **AGENDA ITEM 4.B.**

## **FINANCIAL**

**PROPOSED CAPITAL MODIFICATION**

**FOR FISCAL YEAR 2023 - 2024**



## Proposed Capital Budget FY 2022-FY2024

	Approved Budget	Approved Modifications	Requested Modifications	Modified Budget	Projected Expenditure	Actual Expenditure	Variance
<b>CPMS Project</b>							
GTJZ	336,870		72,000	408,870	408,870	300,200	108,670
Project Management Contingency	100,000		(72,000)	28,000	28,000	-	28,000
PTG	300,000			300,000	300,000	90,000	210,000
Highstreet	61,980	9,180		71,160	71,160	71,160	-
COH Contingency	5,820		44,180	50,000	50,000	-	50,000
<b>Building Purchase</b>	495,777	-	-	495,777	495,777	495,777	-
<b>Building Renovation</b>							
Vercetti	338,751			338,751	338,751	30,626	308,125
Permits	21,688			21,688	21,688	12,986	8,702
Renovation Contingency	230,561			230,561	230,561	-	230,561
<b>Furniture</b>	80,000			80,000	80,000	-	80,000
<b>Building Contingency</b>	100,000			100,000	100,000	-	100,000
<b>Total</b>	2,071,447	9,180	44,180	2,124,807	2,124,807	1,000,749	1,124,058

# **AGENDA ITEM 4.C.**

## **FINANCIAL**

### **FINANCIAL OPERATIONS AND INVESTMENT SUMMARY**

**CITY OF HOLLYWOOD**  
**EMPLOYEES' RETIREMENT FUND**  
**FINANCIAL OPERATIONS AND INVESTMENT SUMMARY**  
**FINAL**  
**DECEMBER 31, 2022**  
**Fiscal Year-To-Date**

<u>Investment Balances</u>	<u>Market Value</u>	<u>Book Value</u>	<u>Unrealized Gain (Loss)</u>
Balance October 1, 2022	\$ 386,269,997.36	\$ 331,375,070.53	\$ 54,894,926.83
Contributions and Payments:			
City Contributions		\$ 25,492,473.00	
Employees Contributions		\$ 947,373.79	
Pension Disbursement		\$ (9,989,077.18)	
Building		\$ -	
CPMS project		\$ (55,382.50)	
Administrative Expenses		\$ (166,828.82)	(1)
Net Contributions/Payments		\$ 16,228,558.29	
Investment Income:			
Dividends & Interest Received		\$ 1,992,628.85	
Gain on Sales (Realized Gains/(Loss))		\$ 1,193,117.49	
Commission Recapture		\$ -	
Total Invest. Professional Fees		\$ (119,934.44)	(2)
Net Investment Income		\$ 3,065,811.90	
Balance December 31, 2022	\$ 421,371,111.20	\$ 350,669,440.72	\$ 70,701,670.48
Increase (Decrease) for the Period	\$ 35,101,113.84	\$ 19,294,370.19	\$ 15,806,743.65 (0.00)
<u><b>Unrealized Gain (Loss) Account</b></u>			
Composition of Increases (Decreases)			
Affiliated Development			\$ (188,835.57)
AG Direct Lending			\$ 188,061.02
Angelo-Gordon Realty			\$ (973,280.97)
Baird Core Plus Bond Fund			\$ 627,089.79
Brightwood			\$ 53,976.00
Earnest Partners			\$ -
EnTrust Blue Ocean			\$ 77,079.98
Golden Tree			\$ 729,042.75
Gold Point			\$ 266,531.99
Harbourvest Dover IX49			\$ (275,474.01)
IFM Global			\$ 512,904.89
LM Capital			\$ 173,516.06
Loomis Sayles			\$ 597,510.41
Marathon			\$ 94,827.23
Morgan Stanley			\$ (888,790.87)
NB Crossroads			\$ 352,680.98
NB Private Debt			\$ 45,868.04
Neuberger Short Duration			\$ 1,000,988.04
Northern Trust-Extended			\$ 485,426.79
Northern Trust			\$ 4,925,503.02
Principal Investors			\$ (1,306,637.31)
RBC Emerging Markets			\$ 1,984,804.43
Thompson, Siegel & Walmsley			\$ 1,527,728.04
Wellington International			\$ 5,796,222.92
			\$ 15,806,743.65
Investment Return			
Net Investment Income			\$ 3,065,811.90
Increases (Decrease) in Unrealized Gain/Loss			\$ 15,806,743.65
Total Investment Return for the Period			\$ 18,872,555.55
Beginning Market Value			\$ 386,269,997.36
Plus/(Less): Net Contributions/Payment			\$ 16,228,558.29
Assets Available for Investment			\$ 402,498,555.65
Investment Return as a result of % of Assets Available for Investments			4.69%

(1) (2) Refer to Cash Payments Detail

**CITY OF HOLLYWOOD**  
**EMPLOYEES' RETIREMENT FUND**  
**FINANCIAL OPERATIONS AND INVESTMENT SUMMARY**  
**FINAL**  
**JANUARY 31, 2023**  
**Fiscal Year-To-Date**

<u>Investment Balances</u>	<u>Market Value</u>	<u>Book Value</u>	<u>Unrealized Gain (Loss)</u>
Balance October 1, 2022	\$ 386,269,997.36	\$ 331,375,070.53	\$ 54,894,926.83
Contributions and Payments:			
City Contributions		\$ 25,492,473.00	
Employees Contributions		\$ 1,219,605.97	
Pension Disbursement		\$ (13,022,215.53)	
Building		\$ -	
CPMS project		\$ (65,922.50)	
Administrative Expenses		\$ (205,839.71)	(1)
Net Contributions/Payments		\$ 13,418,101.23	
Investment Income:			
Dividends & Interest Received		\$ 2,445,466.68	
Gain on Sales (Realized Gains/(Loss))		\$ 1,763,125.06	
Commission Recapture		\$ -	
Total Invest. Professional Fees		\$ (234,749.87)	(2)
Net Investment Income		\$ 3,973,841.87	
Balance January 31, 2023	\$ 435,973,842.64	\$ 348,767,013.63	\$ 87,206,829.01
Increase (Decrease) for the Period	\$ 49,703,845.28	\$ 17,391,943.10	\$ 32,311,902.18
<b><u>Unrealized Gain (Loss) Account</u></b>			
Composition of Increases (Decreases)			
Affiliated Development			\$ (188,835.57)
AG Direct Lending			\$ 188,061.02
Angelo-Gordon Realty			\$ (973,280.97)
Baird Core Plus Bond Fund			\$ 1,984,842.94
Brightwood			\$ 53,976.00
Earnest Partners			\$ 858,160.18
EnTrust Blue Ocean			\$ 77,079.98
Golden Tree			\$ 1,153,003.38
Gold Point			\$ 266,531.99
Harbourvest Dover IX49			\$ (275,474.01)
IFM Global			\$ 600,547.90
LM Capital			\$ 464,655.09
Loomis Sayles			\$ 1,581,645.20
Marathon			\$ 94,827.23
Morgan Stanley			\$ (888,790.87)
NB Crossroads			\$ 352,680.98
NB Private Debt			\$ 45,868.04
Neuberger Short Duration			\$ 1,595,735.71
Northern Trust-Extended			\$ 1,546,931.64
Northern Trust			\$ 9,825,972.37
Principal Investors			\$ (1,349,974.69)
RBC Emerging Markets			\$ 3,897,785.12
Thompson, Siegel & Walmsley			\$ 1,673,434.63
Wellington International			\$ 9,726,518.89
			\$ 32,311,902.18
Investment Return			
Net Investment Income			\$ 3,973,841.87
Increases (Decrease) in Unrealized Gain/Loss			\$ 32,311,902.18
Total Investment Return for the Period			\$ 36,285,744.05
Beginning Market Value			\$ 386,269,997.36
Plus/(Less): Net Contributions/Payment			\$ 13,418,101.23
Assets Available for Investment			\$ 399,688,098.59
Investment Return as a result of % of Assets Available for Investments			9.08%

(1) (2) Refer to Cash Payments Detail

**CITY OF HOLLYWOOD**  
**EMPLOYEES' RETIREMENT FUND**  
**FINANCIAL OPERATIONS AND INVESTMENT SUMMARY**  
**FINAL**  
**FEBRUARY 28, 2023**  
**Fiscal Year-To-Date**

<u>Investment Balances</u>	<u>Market Value</u>	<u>Book Value</u>	<u>Unrealized Gain (Loss)</u>
Balance October 1, 2022	\$ 386,269,997.36	\$ 331,375,070.53	\$ 54,894,926.83
Contributions and Payments:			
City Contributions		\$ 25,492,473.00	
Employees Contributions		\$ 1,493,317.01	
Pension Disbursement		\$ (16,381,368.72)	
Building		\$ -	
CPMS project		\$ (80,457.50)	
Administrative Expenses		\$ (241,682.14)	(1)
Net Contributions/Payments		\$ 10,282,281.65	
Investment Income:			
Dividends & Interest Received		\$ 3,062,300.49	
Gain on Sales (Realized Gains/(Loss))		\$ 1,537,002.10	
Commission Recapture		\$ -	
Total Invest. Professional Fees		\$ (243,110.72)	(2)
Net Investment Income		\$ 4,356,191.87	
Balance February 28, 2023	\$ 424,648,510.68	\$ 346,013,544.05	\$ 78,634,966.63
Increase (Decrease) for the Period	\$ 38,378,513.32	\$ 14,638,473.52	\$ 23,740,039.80 (0.00)
<u>Unrealized Gain (Loss) Account</u>			
Composition of Increases (Decreases)			
Affiliated Development			\$ (188,835.57)
AG Direct Lending			\$ 188,061.02
Angelo-Gordon Realty			\$ (1,093,281.01)
Baird Core Plus Bond Fund			\$ 1,145,135.03
Brightwood			\$ 53,976.00
Earnest Partners			\$ 451,084.20
EnTrust Blue Ocean			\$ 77,079.98
Golden Tree			\$ 1,140,698.94
Gold Point			\$ 266,531.99
Harbourvest Dover IX49			\$ (275,474.01)
IFM Global			\$ 575,085.54
LM Capital			\$ 205,571.25
Loomis Sayles			\$ 1,253,600.27
Marathon			\$ 94,827.23
Morgan Stanley			\$ (888,790.87)
NB Crossroads			\$ 352,680.98
NB Private Debt			\$ (242,525.97)
Neuberger Short Duration			\$ 1,223,663.96
Northern Trust-Extended			\$ 1,366,634.46
Northern Trust			\$ 7,804,030.38
Principal Investors			\$ (1,451,109.42)
RBC Emerging Markets			\$ 2,517,112.10
Thompson, Siegel & Walmsley			\$ 1,673,434.63
Wellington International			\$ 7,490,848.69
			\$ 23,740,039.80
Investment Return			
Net Investment Income			\$ 4,356,191.87
Increases (Decrease) in Unrealized Gain/Loss			\$ 23,740,039.80
Total Investment Return for the Period			\$ 28,096,231.67
Beginning Market Value			\$ 386,269,997.36
Plus/(Less): Net Contributions/Payment			\$ 10,282,281.65
Assets Available for Investment			\$ 396,552,279.01
Investment Return as a result of % of Assets Available for Investments			7.09%

(1) (2) Refer to Cash Payments Detail

**CITY OF HOLLYWOOD**  
**EMPLOYEES' RETIREMENT FUND**  
**FINANCIAL OPERATIONS AND INVESTMENT SUMMARY**

**PRELIMINARY**

**May 31, 2023**

**Fiscal Year-To-Date**

<u>Investment Balances</u>	<u>Market Value</u>	<u>Book Value</u>	<u>Unrealized Gain (Loss)</u>
Balance October 1, 2022	\$ 386,269,997.36	\$ 331,375,070.53	\$ 54,894,926.83
Contributions and Payments:			
City Contributions		\$ 25,492,473.00	
Employees Contributions		\$ 2,354,257.54	
Pension Disbursement		\$ (26,266,568.78)	
Building		\$ (43,612.10)	
CPMS project		\$ (141,292.50)	
Administrative Expenses		\$ (601,669.09)	(1)
Net Contributions/Payments		\$ 793,588.07	
Investment Income:			
Dividends & Interest Received		\$ 4,275,299.92	
Gain on Sales (Realized Gains/(Loss))		\$ 4,711,212.84	
Commission Recapture		\$ -	
Total Invest. Professional Fees		\$ (347,710.56)	(2)
Net Investment Income		\$ 8,638,802.20	
Balance May 31, 2023	\$ 421,482,594.71	\$ 340,807,460.80	\$ 80,675,133.91
Increase (Decrease) for the Period	\$ 35,212,597.35	\$ 9,432,390.27	\$ 25,780,207.08
Unreconciled			(1,640,511.39)
<u>Unrealized Gain (Loss) Account</u>			
Composition of Increases (Decreases)			
Affiliated Development			\$ 43,259.44
AG Direct Lending			\$ 369,981.02
Angelo-Gordon Realty			\$ (1,093,281.01)
Baird Core Plus Bond Fund			\$ 1,554,474.74
Brightwood			\$ 53,976.00
Earnest Partners			\$ (649,121.15)
EnTrust Blue Ocean			\$ 77,079.98
Golden Tree			\$ 1,306,226.58
Gold Point			\$ 266,531.99
Harbourvest Dover IX49			\$ (275,474.01)
IFM Global			\$ 848,873.05
LM Capital			\$ 415,269.40
Loomis Sayles			\$ 251,891.64
Marathon			\$ 166,234.32
Morgan Stanley			\$ (1,356,076.88)
NB Crossroads			\$ 352,680.98
NB Private Debt			\$ (242,525.97)
Neuberger Short Duration			\$ 1,503,945.82
Northern Trust-Extended			\$ 827,312.22
Northern Trust			\$ 8,820,053.47
Principal Investors			\$ (2,128,597.63)
RBC Emerging Markets			\$ 2,666,826.66
Thompson, Siegel & Walmsley			\$ 1,673,434.63
Wellington International			\$ 8,686,720.40
			\$ 24,139,695.69
Investment Return			
Net Investment Income			\$ 8,638,802.20
Increases (Decrease) in Unrealized Gain/Loss			\$ 25,780,207.08
Total Investment Return for the Period			\$ 34,419,009.28
Beginning Market Value			\$ 386,269,997.36
Plus/(Less): Net Contributions/Payment			\$ 793,588.07
Assets Available for Investment			\$ 387,063,585.43
Investment Return as a result of % of Assets Available for Investments			8.89%

(1) (2) Refer to Cash Payments Detail

**CITY OF HOLLYWOOD  
EMPLOYEES RETIREMENT FUND  
Disbursements Processed  
May 1, 2023 to May 31, 2023**

2450 Center Court Condominium	(\$3,290.91)
Christine Bailey (Supplies)	(\$67.54)
Christine Bailey (Koried Confr.)	(\$199.02)
City Of Hollywood (April Payroll)	(\$31,596.75)
David Keller (Invest. Confr.)	(\$837.72)
FPPTA (Annual Confr.)	(\$2,625.00)
Gabriel Roeder Smtih & Co	(\$3,080.00)
LM Capital Group LLC (Jan-Mar 2023)	(\$6,236.93)
Lorium PLLC	(\$10,285.00)
Marcum LLP	(\$3,000.00)
Principal Bank (Jan-Mar 2023)	(\$11,503.01)
Segal Advisors Inc (April 2023)	(\$10,833.33)
Segal Advisors Inc (April 2023)	(\$4,166.67)
Vital Records (Death Cert.)	(\$12.00)
Vital Records (Death Cert.)	(\$5.00)
Wells Fargo Credit Card (Supplies)	(\$423.41)
	<u>(\$88,162.29)</u>

**Capital Expenditures**

City Of Hollywood (Permits)	(\$12,986.28)
Vercetti Enterprises LLC (2450 Build out)	(\$30,625.82)
Gary Tunncliffe & Jack Ziegler Llc	<u>(\$13,580.00)</u>
Total	<u><u>(\$145,354.39)</u></u>

<b>FYE 2023 Expenses</b>		<b>FYE 2023 Disbursements By Type</b>	<b>FYE 2023 Disbursements</b>
September	\$ (156,512.94)		\$ -
October	\$ (46,711.34)		\$ (105,513.64)
November	\$ (49,857.83)		\$ (64,834.16)
December	\$ (63,256.00)	Admin. Expenses	\$ (171,797.95)
January	\$ (164,366.32)	Total Invest. Prof. Fees	\$ (164,366.32)
February	\$ (58,738.32)	Building	\$ (58,738.32)
March	\$ (192,715.86)	CPMS Project	\$ (192,715.86)
April	\$ (230,963.61)		\$ (230,963.61)
May	\$ (145,354.39)		\$ (145,354.39)
	<u>\$ (1,108,476.61)</u>		<u>\$ (1,134,284.25)</u>
		<u>\$ (1,134,284.25)</u>	<u>\$ (1,134,284.25)</u>

**City of Hollywood Employees Retirement Fund**  
**Budget v. Actual**  
**For Year Ending 9/30/2023**  
**Expenses as of 05/31/2023**

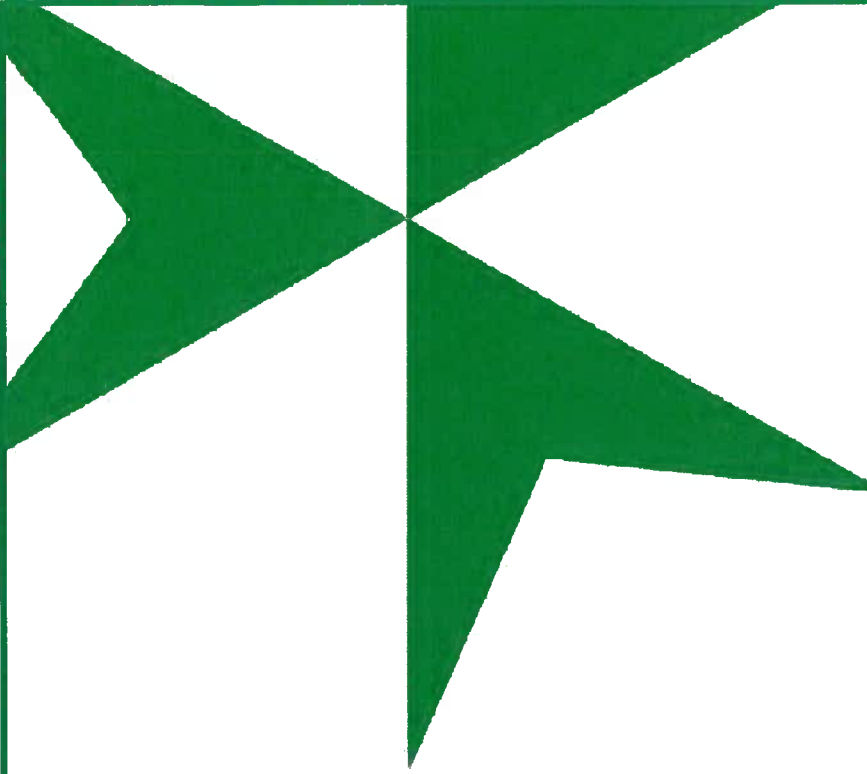
	2023 Approved Budget (A)	May-23	YTD Actual (B)	Remaining Available (A-B)	% Remaining Available (A-B)/(A)
<b>Investment Fees:</b>					
LM Capital	25,000	6,237	18,454	6,546	26.19%
Northern Trust	40,000	-	21,022	18,978	47.44%
Thompson Siegel (TSW)	-	-	58,073	(58,073)	0.00%
Wellington	415,000	-	222,224	192,776	46.45%
Custodial Fees	40,000	11,503	27,938	12,062	30.16%
<b>Total Invest. Professional Fees</b>	<b>520,000</b>	<b>17,740</b>	<b>347,711</b>	<b>172,289</b>	<b>33.13%</b>
<b>Administrative Fees:</b>					
Consultants	130,000	10,833	86,667	43,333	33.33%
Accounting	50,000	4,167	33,333	16,667	33.33%
Audit	20,000	3,000	21,000	(1,000)	-5.00%
GRS-Actuarial and other Fees	73,500	3,080	18,327	55,173	75.07%
Medical Svcs (Disability Verification)	4,800	-	-	4,800	100.00%
Lorium PLLC- Board Attorney	108,000	10,285	58,994	49,006	45.38%
<b>Total Admin. Professional Fees</b>	<b>386,300</b>	<b>31,365</b>	<b>218,321</b>	<b>167,979</b>	<b>43%</b>
<b>Personnel Expenses:</b>					
Total Salaries	293,000	23,259	198,397	94,603	32.29%
Taxes & Benefits	102,000	8,213	70,135	31,865	31.24%
Insurance	210,000	-	34,381	175,619	83.63%
<b>Total Personnel Expenses</b>	<b>605,000</b>	<b>31,472</b>	<b>302,913</b>	<b>302,087</b>	<b>50%</b>
<b>Other Expenses:</b>					
Continuing Education/Dues	42,000	2,637	19,091	22,909	54.54%
Training-Travel, Meals & Lodging	45,000	1,361	31,080	13,920	30.93%
Participant/Member Education	5,000	-	-	5,000	100.00%
Equipment Rent	2,500	-	1,881	619	24.78%
Software Maintainance	11,000	-	-	11,000	100.00%
Printing & Postage Cost	3,000	125	1,046	1,954	65.15%
Equipment & Supplies	15,000	155	1,651	13,349	88.99%
Outside service	100	17	177	(77)	-76.50%
Moving Costs	5,000	-	-	5,000	100.00%
Property Taxes	-	-	-	-	-100.00%
Architecture Services	-	-	-	-	-100.00%
Office Condo Utilities	12,000	522	3,980	8,020	66.83%
Office Condo Fees and Assessments	37,227	2,769	21,529	15,698	42.17%
<b>Total Other Expenses:</b>	<b>177,827</b>	<b>7,586</b>	<b>80,435</b>	<b>97,392</b>	<b>54.77%</b>
<b>Administrative Expenses</b>	<b>1,169,127</b>	<b>70,422</b>	<b>601,669</b>	<b>567,458</b>	<b>48.54%</b>
Capital Expenditures		57,192	184,905		
Contingency Reserves	220,000		-	220,000	
<b>Total Costs FYE 2022</b>	<b>1,909,127</b>	<b>145,354</b>	<b>1,134,284</b>	<b>959,747</b>	<b>50.27%</b>
<b>FYE 2022 Expenses Paid 2023</b>			(182,321)		
<b>FYE 2023 Prepaid Exp Paid 2022</b>			156,513		
<b>Total Exp FYE 2023</b>	<b>1,909,127</b>	<b>145,354</b>	<b>1,108,477</b>	<b>985,555</b>	<b>51.62%</b>



# **AGENDA ITEM 5.A.**

## **INVESTMENT**

### **APRIL 2023 FLASH PERFORMANCE REPORT**



## Monthly Flash Report

# City of Hollywood Employees' Retirement Fund

Period Ending April 30, 2023

J. Keith Reynolds  
Vice President & Senior Consultant

Felicia Ewell  
Associate Consultant

# Market Environment – April 2023

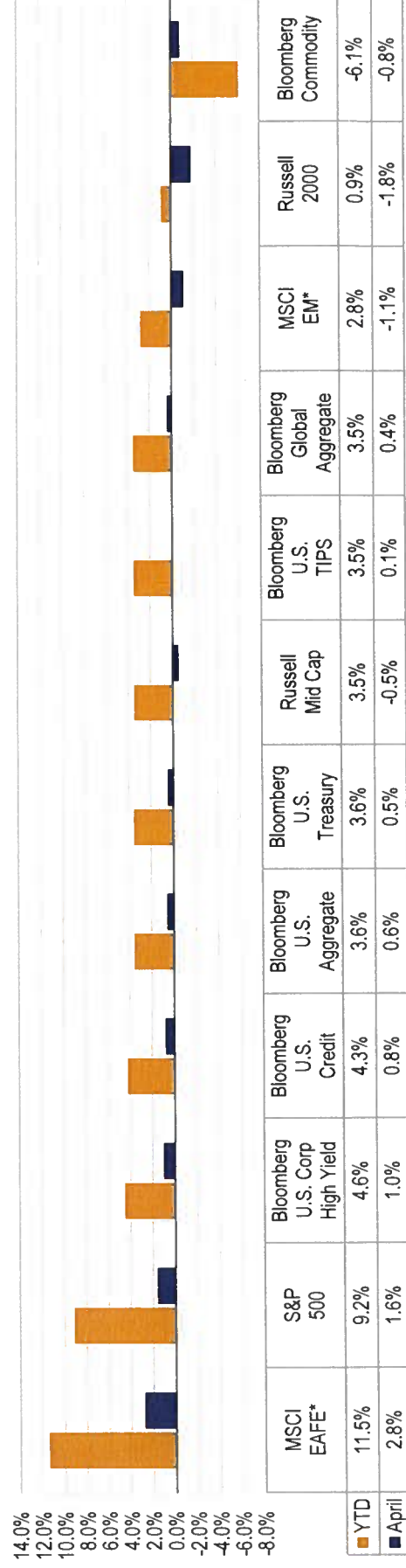
## April Highlights

- ❑ The US added 253,000 jobs in April, and the unemployment rate fell to 3.4%. The ongoing strength of the job market continues to be a challenge for the Federal Reserve in its decision over when to finally pause interest rate hikes. Professional/business services and health care made significant job gains.
- ❑ U.S. stocks rose in April. However, once again, large caps were the only category to make gains in the month—mid and small caps both declined. Communication services gained most (+3.8%), while industrials (-1.2%) and consumer discretionary (-0.9%) fell.
- ❑ Non-U.S. developed markets equity performed well once again in April, with the Eurozone economy growing again in the quarter ended March 31. Energy and real estate rose in the month. Emerging markets fell as worries about US/China tensions rose.
- ❑ Treasuries up slightly in the month with continued expectations of at least one more Fed rate hike. Investment grade and high yield credit recovered a bit after March's banking crisis related sell-off and gained in April.
- ❑ Commodities slipped once again. Agriculture was the worst-performing subsector with losses for wheat and corn.

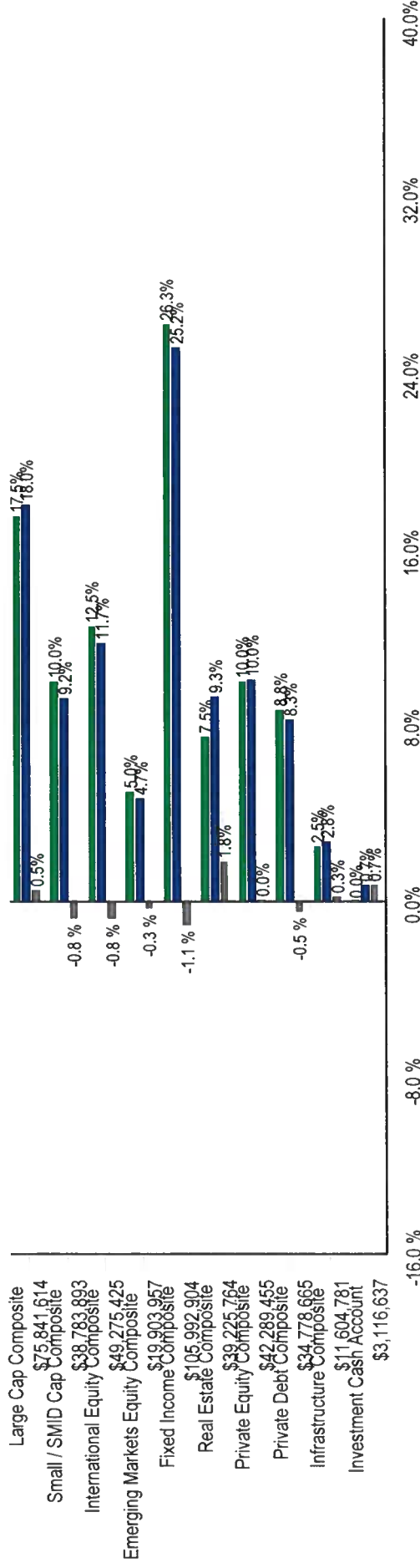
## YTD Highlights

- ❑ So far in 2023, market performance has been positive, though with ups and downs related to inflation, rate hike fears and events such as the banking crisis. Large caps surged ahead in March and now are well ahead of mid and small caps so far in 2023.
- ❑ Non-U.S. developed market stocks have outperformed other categories so far this year, as Europe has avoided the economic woes predicted earlier with the Russia/Ukraine conflict. By contrast, emerging markets are still positive but have lagged developed market stocks as US/China tensions rise again.
- ❑ Fixed income sectors are largely positive as the interest rate outlook became more moderate after March's banking crisis. The Fed still hiked again in early May and signaled a pause in rates may be appropriate. High yield and credit recovered after the banking stresses and are performing well so far this year.
- ❑ Commodities were one of the lone bright spots of 2022 but are lagging significantly so far in 2023. Energy prices were strong much of last year due in part to anticipation energy shortages in Europe, which did not come to pass. Instead, so far this year a natural gas surplus has led gas and energy prices lower.

## Returns



\*Net dividends reinvested



	Asset Allocation (\$)	Asset Allocation (%)	Target Allocation (%)	Differences (%)	Minimum Allocation (%)	Maximum Allocation (%)
<b>Total Fund Composite</b>	<b>420,813,095</b>	<b>100.0</b>	<b>100.0</b>	<b>0.0</b>		
Large Cap Composite	75,841,614	18.0	17.5	0.5	10.0	25.0
Small / SMID Cap Composite	38,783,893	9.2	10.0	-0.8	5.0	15.0
International Equity Composite	49,275,425	11.7	12.5	-0.8	7.5	17.5
Emerging Markets Equity Composite	19,903,957	4.7	5.0	-0.3	2.0	8.0
Fixed Income Composite	105,992,904	25.2	26.3	-1.1	20.0	35.0
Real Estate Composite	39,225,764	9.3	7.5	1.8	0.0	12.5
Private Equity Composite	42,289,455	10.0	10.0	0.0	0.0	15.0
Private Debt Composite	34,778,665	8.3	8.8	-0.5	0.0	14.0
Infrastructure Composite	11,604,781	2.8	2.5	0.3	0.0	5.0
Investment Cash Account	3,116,637	0.7	0.0	0.7	0.0	5.0

\*Total does not include non-investment cash account

# The City of Hollywood

## Asset Allocation

As of April 30, 2023

	Total Fund	%
	(\$)	
<b>Total Fund Composite*</b>	<b>420,813,095</b>	<b>100.0</b>
<b>Domestic Equity Composite</b>	<b>114,625,508</b>	<b>27.2</b>
<b>Large Cap Composite</b>	<b>75,841,614</b>	<b>18.0</b>
Northern Trust S&P 500	75,841,614	18.0
<b>Small / SMID Cap Composite</b>	<b>38,783,893</b>	<b>9.2</b>
Earnest Partners Small/Mid Cap Value Equity	16,190,700	3.8
Loomis, Sayles Small/Mid Cap Growth	12,412,986	2.9
Northern Trust Extended Equity Market Index	10,180,207	2.4
<b>International Equity Composite</b>	<b>49,275,425</b>	<b>11.7</b>
Wellington International	49,275,425	11.7
<b>Emerging Markets Equity Composite</b>	<b>19,903,957</b>	<b>4.7</b>
RBC Emerging Markets Equity	19,903,957	4.7
<b>Fixed Income Composite</b>	<b>105,992,904</b>	<b>25.2</b>
Baird Core Plus Bond	41,795,115	9.9
LM Capital Group, LLC Active Core Plus	10,186,267	2.4
Neuberger & Berman Short Duration	38,594,228	9.2
GoldenTree Multi-Sector LP	15,417,294	3.7
<b>Real Estate Composite</b>	<b>39,225,764</b>	<b>9.3</b>
Morgan Stanley	14,228,275	3.4
Principal Enhanced Property Fund	15,319,511	3.6
AG Realty Value Fund X	7,504,395	1.8
Affiliated Housing Impact Fund	2,173,583	0.5
<b>Private Equity Composite</b>	<b>42,289,455</b>	<b>10.0</b>
NB Crossroads Fund XXI	22,725,008	5.4
HarbourVest Dover Fund IX	6,249,613	1.5
GoldPoint Co-Investment VI	13,314,834	3.2
<b>Private Debt Composite</b>	<b>34,778,665</b>	<b>8.3</b>
AG Direct Lending Fund II, L.P.	5,593,741	1.3
EnTrust Blue Ocean Onshore Fund LP	8,324,531	2.0
Brightwood Capital Fund V, LP	3,461,746	0.8
Marathon Healthcare Finance Fund	5,281,136	1.3
NB Private Debt Fund IV LP	12,117,511	2.9
<b>Infrastructure Composite</b>	<b>11,604,781</b>	<b>2.8</b>
IFM Global Infrastructure	11,604,781	2.8
<b>Investment Cash Account</b>	<b>3,116,637</b>	<b>0.7</b>

\*Total does not include non-investment cash account.

# The City of Hollywood

## Comparative Performance

As of April 30, 2023

	Performance (%)		
	Oct-2022 To Dec-2022	Jan-2023 To Mar-2023	Apr-2023 To Apr-2023
Total Fund Composite (Gross)	4.7	3.0	0.4
Total Fund Composite (Net)	4.7	3.0	0.4
Policy Index*	5.6	4.5	0.7
Domestic Equity			
Northern Trust S&P 500 (Gross)	7.6	7.5	1.6
Northern Trust S&P 500 (Net)	7.6	7.5	1.6
S&P 500	7.6	7.5	1.6
Earnest Partners Small/Mid Cap Value Equity (Gross)	N/A	N/A	-1.5
Earnest Partners Small/Mid Cap Value Equity (Net)	N/A	N/A	-1.5
Russell 2500 Value Index	9.2	1.4	-1.3
Loomis, Sayles Small/Mid Cap Growth (Gross)	5.2	3.9	-1.9
Loomis, Sayles Small/Mid Cap Growth (Net)	5.2	3.9	-1.9
Russell 2500 Growth Index	4.7	6.5	-1.3
Northern Trust Extended Equity Market Index (Gross)	5.2	5.8	-2.2
Northern Trust Extended Equity Market Index (Net)	5.2	5.8	-2.2
DJ U.S. Completion TSM Index	5.1	5.8	-2.2
International Equity			
Wellington International (Gross)	14.7	6.0	1.1
Wellington International (Net)	14.5	5.8	1.1
MSCI AC World ex USA (Net)	14.3	6.9	1.7
Emerging Markets Equity			
RBC Emerging Markets Equity**	13.5	6.3	-0.7
MSCI EM (Net)	9.7	4.0	-1.1



# The City of Hollywood

## Comparative Performance

As of April 30, 2023

	Performance (%)			
	Oct-2022 To Dec-2022	Jan-2023 To Mar-2023	Apr-2023 To Apr-2023	Oct-2022 To Apr-2023
<b>Fixed Income</b>				
Baird Core Plus Bond**	2.5	3.0	0.7	6.3
Bimbg. U.S. Aggregate	1.9	3.0	0.6	5.5
LM Capital Group, LLC Active Core Plus (Gross)	2.5	3.1	0.5	6.2
LM Capital Group, LLC Active Core Plus (Net)	2.5	3.0	0.5	6.1
Bimbg. U.S. Aggregate	1.9	3.0	0.6	5.5
Neuberger & Berman Short Duration**	3.2	1.5	0.5	5.2
NB Blended Benchmark***	0.9	1.3	0.3	2.5
Bimbg. Intermed. U.S. Government/Credit	1.5	2.3	0.6	4.5
GoldenTree Multi-Sector LP**	4.3	2.9	1.0	8.3
GT Blended Index****	3.3	3.2	1.0	7.6
Bimbg. U.S. Aggregate	1.9	3.0	0.6	5.5
<b>Real Estate</b>				
Morgan Stanley**	-3.7	-1.2	0.0	-4.8
NCREIF ODCE Equal Weighted	-5.0	-3.2	0.0	-8.0
Principal Enhanced Property Fund**	-6.7	-3.1	0.0	-9.5
NCREIF Property Index	-3.5	-1.8	0.0	-5.2
<b>Infrastructure</b>				
IFM Global Infrastructure**	4.0	2.6	0.4	7.1

\*Policy Index (Oct 2020-current) consists of 17.5% S&P 500, 10% Russell 2500, 12.5% MSCI ACWI ex US (net), 5% MSCI EM (net), 35% Bloomberg U.S. Aggregate, 2.5% NCREIF ODCE (ew), 3% NCREIF NPI, 2% NCREIF NPI+3%, 10% Russell 3000+3% and 2.5% CPI+3.5%

\*\*Performance shown net of fees

\*\*\*NB Blended Benchmark consists of 40% Bloomberg 1-3 Year Gov/Credit and 60% BofA Merrill Lynch 3 Month T-Bill.

\*\*\*\*GT Blended Index consists of 33.34% BofA Merrill Lynch High Yield Master II, 33.33% HFRI RV: Fixed Income-Corporate Index, and 33.33% S&P/LSTA Leveraged Loan Index.

	Market Value (\$)	%	Year To Date	1 Year	3 Years	5 Years	7 Years	Since Inception	Inception Date
<b>Private Equity</b>									
Private Equity Composite	42,289,455	10.0	0.0	-1.1	27.3	20.2	N/A	19.5	06/23/2016
NB Crossroads Fund XXI	22,725,008	5.4	0.0	-2.0	25.2	19.1	N/A	17.3	06/23/2016
HarbourVest Dover Fund IX	6,249,613	1.5	0.0	-6.6	22.4	19.0	N/A	22.6	12/16/2016
GoldPoint Co-Investment VI	13,314,834	3.2	0.0	3.4	35.6	24.1	N/A	24.1	04/23/2018
<b>Private Debt</b>									
Private Debt Composite	34,778,665	8.3	2.0	13.5	14.7	12.0	N/A	11.9	05/31/2017
AG Direct Lending Fund II, L.P.	5,593,741	1.3	3.3	15.9	14.1	10.5	N/A	10.6	05/31/2017
EnTrust Blue Ocean Onshore Fund LP	8,324,531	2.0	3.9	22.1	N/A	N/A	N/A	25.8	09/22/2020
Brightwood Capital Fund V, LP	3,461,746	0.8	3.5	11.1	N/A	N/A	N/A	10.5	07/12/2021
Marathon Healthcare Finance Fund	5,281,136	1.3	1.4	7.0	N/A	N/A	N/A	7.0	05/23/2022
NB Private Debt Fund IV LP	12,117,511	2.9	0.0	N/A	N/A	N/A	N/A	7.3	07/21/2022
<b>Private Real Estate</b>									
AG Realty Value Fund X	7,504,395	1.8	-0.8	6.9	19.8	N/A	N/A	17.1	06/10/2019
Affiliated Housing Impact Fund	2,173,583	0.5	12.0	21.4	N/A	N/A	N/A	23.7	11/18/2021



**City of Hollywood Employees' Retirement Fund**  
**Investment Manager Fee Table**  
**Period Ended April 30, 2023**

Manager	Mandate	Market Value	Fee Schedule	Estimated Annual Fee (\$) <sup>1</sup>	Estimated Annual Fee (%) <sup>2</sup>
Northern Trust S&P 500	Passive Large Cap Equity	\$ 75,841,614	3.5 bps on assets	\$ 26,545	0.04%
Earnest Partners	SMID Cap Value Equity	\$ 16,190,700	60 bps on assets	\$ 97,144	0.60%
Loomis Sayles	Small/Mid Cap Growth Equity	\$ 12,412,986	69 bps on assets	\$ 85,650	0.69%
Northern Trust Extended Equity Market	SMID Cap Core Equity	\$ 10,180,207	3 bps on assets	\$ 3,054	0.03%
Wellington	International Equity	\$ 49,275,425	71 bps on assets	\$ 349,856	0.71%
RBC Emerging Markets Equity	Emerging Markets Equity	\$ 19,903,957	88 bps on assets	\$ 175,155	0.88%
Neuberger & Berman Short Duration	Short Duration Fixed Income	\$ 38,594,228	43 bps on assets	\$ 165,955	0.43%
Baird Core Plus Bond	Core Plus Fixed Income	\$ 41,795,115	30 bps on assets	\$ 125,385	0.30%
LM Capital Group, LLC Active Core Plus	Core Plus Fixed Income	\$ 10,186,267	25 bps on assets	\$ 25,466	0.25%
GoldenTree Multi-Sector Fund	Multi-Sector Credit	\$ 15,417,294	75 bps on assets	\$ 115,630	0.75%
AG Direct Lending Fund II, LP <sup>1</sup>	Direct Lending Fixed Income	\$ 5,593,741	100 bps on first \$50MM, 85 bps on \$50-\$100MM, 80 bps on \$100-\$200MM, 60 bps above \$200MM	\$ 55,937	1.00%
EnTrust Blue Ocean <sup>2</sup>	Direct Lending Fixed Income	\$ 8,324,531	150 bps on invested capital + incentive fee	\$ 124,868	1.50%
Brightwood Capital Fund V, LP	Direct Lending Fixed Income	\$ 3,461,746	150 bps on invested equity capital, 15% performance fee, 6.5% preferred return	\$ 51,926	1.50%
Marathon Healthcare Finance Fund	Direct Lending Fixed Income	\$ 5,281,136	150 bps on committed capital, 20% incentive fee, 8% hurdle	\$ 300,000	1.50%
NB Private Debt Fund IV LP	Direct Lending Fixed Income	\$ 12,117,511	100 bps on invested capital, 12.5% incentive fee, 7% hurdle	\$ 121,175	1.00%
Morgan Stanley	Real Estate	\$ 14,228,275	84 basis points base fee, plus a monthly accrued performance based fee equal to 5% multiplied by NAV multiplied by comparable property NOI growth for the month	\$ 119,518	0.84%
Principal <sup>3</sup>	Real Estate	\$ 15,319,511	130 bps on assets + incentive fee	\$ 199,154	1.30%
AG Realty Value Fund X <sup>4</sup>	Real Estate	\$ 7,504,395	100 bps on assets + incentive fee	\$ 75,044	1.00%
Affiliated Housing Impact Fund <sup>5</sup>	Real Estate	\$ 2,173,583	150 bps on capital commitments during the investment period, 150 bps on invested contributions thereafter	\$ 75,000	1.50%
Neuberger Berman Crossroads XXI <sup>6</sup>	Private Equity	\$ 22,725,008	25.8 bps on assets	\$ 58,631	0.26%
HarbourVest Dover Fund IX <sup>7</sup>	Private Equity	\$ 6,249,613	70 bps on assets	\$ 43,747	0.70%
GoldPoint Co-Investment VI <sup>8</sup>	Private Equity	\$ 13,314,834	1% on committed capital during investment period, 1% on invested capital thereafter	\$ 100,000	1.00%
IFM Global Infrastructure <sup>9</sup>	Infrastructure	\$ 11,604,781	77 bps on assets	\$ 89,357	0.77%
Investment Management Fees		\$ 417,696,456		\$ 2,584,195	0.62%
Segal Marco	Investment Consulting		\$130,000 annual retainer	\$ 130,000	0.03%
Principal	Custodian		0.3 bps plus account and transaction based charges <sup>10</sup>	\$ 53,856	0.01%
<b>TOTAL FEES</b>				\$ 2,768,051	0.66%

<sup>1</sup>Fees shown are estimated and does not include incentive fees.  
<sup>2</sup>Incentive fee is equal to 15% of the profits in excess of hurdle rate.  
<sup>3</sup>Incentive fee is equal to 15% of the profits in excess of an 11% net IRR to investors.  
<sup>4</sup>Incentive fee is equal to 15% of the profits in excess of an 11% net IRR to investors.  
<sup>5</sup>Incentive fee is equal to 20% of the profits in excess of an 8% preferred return to investors.  
<sup>6</sup>Incentive fee is equal to 20% of the profits in excess of an 8% preferred return to investors.  
<sup>7</sup>NB is aggregating commitments to provide best pricing for SMA clients, and as a result the City of Hollywood is saving 10.5 bps. If the commitment had not been aggregated the fee would have been 36.3 bps.  
<sup>8</sup>The fee for the Dover IX Fund is 75 bps, but the City of Hollywood is receiving a 5 bps fee discount.  
<sup>9</sup>Incentive fee is equal to 10% of the profits in excess of 8% per annum.  
<sup>10</sup>Incentive fee is equal to 10% of the profits in excess of 8% per annum.

# Cash Flow Activity Detail – April 2023

Manager	Product	Wire Type	Transfer Date	Transfer Amount
Angelo Gordon	AG Direct Lending Fund II LP	Capital Distribution	4/28/2023	\$107,948
Principal Global Investors	Principal Enhanced Property Fund	Capital Distribution	4/11/2023	\$285,452
Principal Financial Group	DB Account	Internal Bank Transfer	4/10/2023	\$3,000,000
EnTrust	Blue Ocean Fund	Capital Call	4/6/2023	\$912,161
Northern Trust Global Investments	S&P 500 Index	Capital Distribution	4/4/2023	\$6,000,000
Northern Trust Global Investments	S&P 500 Index	Commingled Fund Redemption	4/3/2023	\$6,000,000
<b>Total</b>				<b>\$16,305,561</b>

# **AGENDA ITEM 5.B.**

## **INVESTMENT**

### **FISCAL YEAR 2022 MANAGER FEE DETAILED SCHEDULE**

City of Hollywood Employees' Retirement Fund  
Summary of Investment Management Fees  
As of September 30, 2022

Investment Manager	Commitment	Actual Allocation	Market Value 9.30.22	Total Fees		Difference
				FYTD 2022	FYTD 2021	
Northern Trust S&P 500		15.63%	\$60,077,599	\$43,828.38	\$39,192.37	\$4,636.01
TSW - SMID Value		3.84%	\$14,756,237	\$122,271.71	\$136,373.51	(\$14,101.80)
Loomis, Sayles Small/Mid Cap Growth		3.01%	\$11,581,158	\$75,277.53	\$107,274.21	(\$31,996.68)
Northern Trust Extended Equity Market Index		2.43%	\$9,352,895	\$21,731.83	\$14,504.27	\$7,227.56
<b>Domestic Equity Total</b>		<b>24.91%</b>	<b>\$95,767,889</b>	<b>\$263,109.45</b>	<b>\$297,344.36</b>	<b>(\$34,234.91)</b>
Wellington International		10.42%	\$40,075,586	\$319,653.69	\$346,092.82	(\$26,439.13)
<b>International Equity Total</b>		<b>10.42%</b>	<b>\$40,075,586</b>	<b>\$319,653.69</b>	<b>\$346,092.82</b>	<b>(\$26,439.13)</b>
RBC Emerging Markets Equity		4.32%	\$16,611,240	\$146,178.91	\$192,809.56	(\$46,630.65)
<b>Emerging Markets Equity Total</b>		<b>4.32%</b>	<b>\$16,611,240</b>	<b>\$146,178.91</b>	<b>\$192,809.56</b>	<b>(\$46,630.65)</b>
Baird Core Plus Bond		8.64%	\$33,199,479	\$99,598.44	\$144,472.70	(\$44,874.26)
LM Capital Group, LLC Active Core Plus		2.49%	\$9,584,164	\$6,178.37	\$0.00	\$6,178.37
Neuberger & Berman Short Duration		9.52%	\$36,620,000	\$116,975.78	\$128,627.36	(\$11,651.58)
GoldenTree Multi-Sector LP		4.45%	\$17,111,067	\$128,333.00	\$140,314.40	(\$11,981.40)
<b>Fixed Income Total</b>		<b>25.10%</b>	<b>\$96,514,710</b>	<b>\$351,085.59</b>	<b>\$413,414.46</b>	<b>(\$62,328.87)</b>
Morgan Stanley Prime Property		4.01%	\$15,409,210	\$172,636.03	\$172,717.16	(\$81.13)
Principal Enhanced Property Fund		4.41%	\$16,943,674	\$317,736.35	\$158,573.58	\$159,162.77
AG Realty Value Fund X		2.42%	\$9,301,005	\$174,252.00	\$180,995.00	(\$6,743.00)
Affiliated Housing Impact Fund		0.76%	\$2,935,881	\$62,500	\$49,778	\$12,722
<b>Real Estate Total</b>		<b>11.60%</b>	<b>\$44,589,770</b>	<b>\$727,124.38</b>	<b>\$562,063.75</b>	<b>\$165,060.63</b>
NB Crossroads Fund XXI		5.88%	\$22,610,546	\$225,197.00	\$693,629.00	(\$468,432.00)
HarbourVest Dover Fund IX		1.72%	\$6,610,624	\$173,992.00	\$171,505.00	\$2,487.00
GoldPoint Co-Investment VI		3.46%	\$13,293,229	\$206,350.56	\$498,333.68	(\$291,983.12)
<b>Private Equity Total</b>		<b>11.06%</b>	<b>\$42,514,399</b>	<b>\$605,539.56</b>	<b>\$1,363,467.68</b>	<b>(\$757,928.12)</b>
AG Direct Lending Fund II, L.P.		1.52%	\$5,837,329	\$328,465.00	\$488,000.00	(\$159,535.00)
EnTrust Blue Ocean Onshore Fund LP		1.81%	\$6,954,126	\$401,355.00	\$34,255.00	\$367,100.00
Brightwood Capital Fund V, LP		0.86%	\$3,289,121	\$7,061.00	\$0.00	\$7,061.00
Marathon Healthcare Finance Fund		1.33%	\$5,114,901	\$113,283.00	\$0.00	\$113,283.00
NB Private Debt Fund IV LP		2.71%	\$10,420,040	\$169,645.25	\$0.00	\$169,645.25
<b>Private Debt Total</b>		<b>8.22%</b>	<b>\$31,615,517</b>	<b>\$1,019,809.25</b>	<b>\$522,255.00</b>	<b>\$497,554.25</b>
IFM Global Infrastructure		3.32%	\$12,755,908	\$229,647.37	\$200,908.31	\$28,739.06
<b>Infrastructure Total</b>		<b>3.32%</b>	<b>\$12,755,908</b>	<b>\$229,647.37</b>	<b>\$200,908.31</b>	<b>\$28,739.06</b>
Investment Cash Account		1.05%	\$4,017,904			
<b>Total</b>		<b>100.00%</b>	<b>\$384,462,924</b>	<b>\$3,662,148</b>	<b>\$3,898,356</b>	<b>(\$236,208)</b>

# **AGENDA ITEM 5.C.**

## **INVESTMENT**

**WORK PLAN 2023**

# City of Hollywood Employees' Retirement Fund

## 2023 Work Plan\*

MEETING DATE	SEGAL MARCO INVESTMENT ITEMS	INVESTMENT PRESENTATIONS
January 24	<ul style="list-style-type: none"> <li>November 2022 Flash Performance Report</li> <li>Third Quarter Performance Review</li> <li>SMID Value Transition Summary</li> <li>Custodian Fees Update</li> </ul>	
February 28	<ul style="list-style-type: none"> <li>December 2022 Flash Performance Report</li> <li>Current Trends in ESG &amp; Policy Discussion</li> <li>Emerging Manager Trends &amp; Policy Discussion</li> </ul>	
March 28	<ul style="list-style-type: none"> <li>January 2023 Flash Performance Report</li> <li>2023 Investment Allocation Review &amp; New Opportunities Discussion</li> </ul>	
April 25	<ul style="list-style-type: none"> <li>February 2023 Flash Performance Report</li> <li>GoldPoint Update &amp; Recommendation</li> </ul>	
May 23	<ul style="list-style-type: none"> <li>March 2023 Flash Performance Report</li> <li>Fourth Quarter Performance Review</li> </ul>	
June 20	<ul style="list-style-type: none"> <li>April 2023 Flash Performance Report</li> <li>FY22 Manager Fee Detailed Schedule</li> </ul>	
July 25	<ul style="list-style-type: none"> <li>May 2023 Flash Performance Report</li> <li>Revisit Investment Opportunities Discussion</li> </ul>	
August 22	<ul style="list-style-type: none"> <li>June 2023 Flash Performance Report</li> <li>First Quarter Performance Review</li> <li>Board Insurance Program Renewal</li> </ul>	
September 26	<ul style="list-style-type: none"> <li>July 2023 Flash Performance Report</li> <li>Money Market Comparison Analysis</li> </ul>	
November 14	<ul style="list-style-type: none"> <li>Aug &amp; Sept 2023 Flash Performance Report</li> <li>Second Quarter Performance Review</li> <li>Annual Investment Policy Review</li> </ul>	
December 19	<ul style="list-style-type: none"> <li>October 2023 Flash Performance Report</li> <li>Annual Report of Investment Manager Research Reviews</li> </ul>	

*\*This is a working document and subject to change.*

# **AGENDA ITEM 6.A.**

## **LEGAL**

### **LEGAL UPDATE**

**(NO BACKUP FOR THIS SECTION)**

# **AGENDA ITEM 7.A.**

## **EXECUTIVE DIRECTOR'S REPORT**

### **CITY COMMISSION COMMUNICATION**





## CITY OF HOLLYWOOD EMPLOYEES' RETIREMENT FUND

2600 Hollywood Blvd. • City Hall Annex Building, 2<sup>ND</sup> Floor, Room 20 • Hollywood, FL 33020  
(954) 921-3333 • (954) 921-3332 Fax • [www.hollywoodpension.com](http://www.hollywoodpension.com)

### CITY COMMISSION COMMUNICATION

June 2023

The following information is provided to the City Commission for informational purposes only.

### BOARD OF TRUSTEES

Phyllis Shaw – Chair      Robert Strauss – Secretary      Jeffrey Greene      David Keller  
George Keller – Vice Chair      Barbara Armand      Charles Howell

All Trustees attended the May 23, 2023 Regular Meeting of the Board of Trustees.

### ITEMS OF INTEREST TO THE CITY COMMISSION

- The estimated value of the Fund's assets available for investments on April 30, 2023 was \$420.8 million, up 0.4% net of fees for the month of March 2023, and up 8.2% for the fiscal year to date.
- Mr. Reynolds reported the Fund's performance for the quarter ended December 31, 2022. He noted that the assets available for investments were \$420.0 million and performance was 4.7% net of fees for the quarter. He noted that the Fund outperformed its peers across the one-, three-, five-, seven-, and ten-year periods.
- The Fund's Actuarial Valuation Report as of October 1, 2022 has been completed and Required Employer Contribution for Fiscal Year 2024 has been submitted to City Management. If paid in full on October 1, 2023 the Actuarially Determined Contribution will be \$26,508,097.
- The Funded Ratio (the value of the actuarial assets divided by the actuarial accrued liability) was 64.4% as of October 1, 2022, up from 64.1% as of October 1, 2021, and up from 63.3% as of October 1, 2020.
- The Board approved a budget modification of \$104,300.
- The Board approved an Operating Budget of \$5,479,630 for Fiscal Year 2024 which included \$1,991,530 in Administrative Expenses and \$537,700 in Investment Fees paid by the Fund. The budget also recognized an additional \$3,488,100 in estimated Investment Fees are charged directly against the Investment revenues.

### UPCOMING PENSION EDUCATIONAL OPPORTUNITIES FOR CITY COMMISSION

- Koried Global Summit  
July 19 - 21, 2023  
The Biltmore, Coral Gables
- IFEBP New Trustee Institute and Annual Con.  
September 30 - October 4, 2023  
Boston, Massachusetts
- FPPTA Trustee School  
October 1-4, 2023  
Sawgrass, Ponte Vedra
- FPPTA Trustee School  
January 28 - 31, 2024  
Rosen Centre, Orlando

### MEETING SCHEDULE 2023

<u>Dates</u>	<u>Time</u>	<u>Location</u>	<u>Dates</u>	<u>Time</u>	<u>Location</u>
July 25, 2023	9:00am-12:00pm	City Hall, Room 219	November 14, 2023	9:00am-12:00pm	City Hall, Room 219
August 22, 2023	9:00am-12:00pm	City Hall, Room 219	December 19, 2023	9:00am-12:00pm	City Hall, Room 219
September 26, 2023	9:00am-12:00pm	City Hall, Room 219			

**Please Take Careful Note: Meetings of the Board of Trustees, as well as, the time and location of these meetings may be adjusted prior to the meeting. The next Regular Meeting of the Board of Trustees will be held on Tuesday, July 25, 2023 at 9:00am. This meeting is expected to be held in person. All Commissioners are invited to attend.**

**AGENDA ITEM 7.B.**  
**EXECUTIVE DIRECTOR'S REPORT**  
**CPMS UPDATE**

May 15, 2023

Ms. Christine Bailey  
Executive Director  
City of Hollywood Employees' Retirement Fund  
2600 Hollywood Boulevard, Annex Building, Room 20  
Hollywood, FL 33020

Dear Ms. Bailey:

As requested by COHERF, this letter outlines GTJZ Consulting's proposed assistance to the City of Hollywood Employees' Retirement Fund for CPMS Post-Go-live Task (PGL Tasks).

The PGL Tasks are categorized as listed below where the first four items are pressing matters because, now that CPMS is live, the missing data will be needed for upcoming member transactions and the payroll file must be generated and imported every two weeks. Further, data conversion efforts into a Production environment are complex and require additional levels of management.

- Data Conversion – “Retro” Deduction Elements: Previously, GTJZ worked with COHERF and the City on revisions to the logic of the Oracle Extraction Data File to include the series of “Retro” Deduction Elements which were missing from the original list provided by the City earlier in the CPMS project. COHERF learned that this revised logic was not actually migrated to Oracle Production as planned, as a result, the final Round 3 Oracle data extraction file generated in April did not include the “Retro” Deduction Elements. Accordingly, a post-go-live data conversion effort is needed to extract these records from Oracle and bring them into CPMS in the Production environment. GTJZ will oversee this effort including working with COHEF, the City and PTG.
  - Data Conversion – Missing Pay Elements: In working on a retirement calculation in CPMS after the system went live, COHERF discovered that its member received pensionable pay under an “Emergency” Pay Element which was not included in the original list provided by the City earlier in the project. GTJZ will oversee this task including working with the City to determine the extent of missing the Pay Elements and an approach to extract the historical earnings records from Oracle based on the missing Pay Elements. GTJZ will then work with PTG to bring the missing data into the CPMS Production environment.
  - Biweekly Payroll Feed – Missing Pay Elements: Once the extent of the missing Pay Elements is determined, GTJZ will work with City IT for it to modify the Biweekly Payroll Feed logic to include these missing Pay Elements. The task will also involve analyzing test files to confirm the revised logic properly includes the missing Pay Elements should they be used on future payrolls.
-

- Biweekly Payroll Feed – Duplicate Pay Elements: Previously, GTJZ worked with COHERF on the City's modification to the logic for the Biweekly Payroll Feed to include the missing "Retro" Deduction Elements as discussed above. COHERF learned that this revised logic was not migrated to Oracle Production earlier this year as planned. Once City IT did migrate the revised logic to Oracle Production in late April, while the revised logic was confirmed to include the "Retro" Deduction Elements, a new issue was found with duplicate Pay Elements being written to the file. GTJZ will work with COHERF as City IT troubleshoots and resolves this issue so that the revised logic can be migrated to Production for ongoing generation of the Biweekly Payroll Feed file. In the meantime, the "old" logic seems to be generating the file without duplicate records, and because City Payroll indicated that the "Retro" Deduction Elements are not currently used, the Production version of the Biweekly Payroll Feed can be generated using the old logic.
- Discreet Go-Live Tasks: The current list of PGL tasks includes 62 discreet tasks. These tasks range from infrequently used functionality that require additional testing, to additional work on letters, to research and data entry tasks. At COHERF's request, GTJZ will oversee the needed work for these tasks, and where applicable, bring the task to completion.

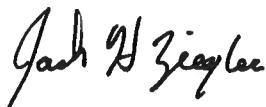
With respect to the timing for this work, because of the pressing nature of the first four tasks above, at COHERF's request, GTJZ's work began on April 24, 2023. This work is expected to continue over the coming months.

As you know, GTJZ Consulting's professional arrangements for the CPMS project were on a not-to-exceed basis. GTJZ performed all necessary work to bring CPMS live, including providing 211 hours of work which could not be billed. In 2021, GTJZ offered a discounted billing rate of \$170 per hour for this project, and we agreed to extend this rate for the MSS assistance which will take place this summer. However, for this new work, GTJZ is unable to continue to extend this discounted billing rate from two years ago. Accordingly, GTJZ's professional fees for the PGL Tasks will be billed on a time & materials basis for actual hours incurred at our current hourly rate of \$225 per hour. GTJZ Consulting's work on the PGL Tasks will be as directed by COHERF.

\* \* \* \* \*

GTJZ appreciates the opportunity to continue its assistance to the Retirement Fund on the important tasks needed for CPMS. I'm available to discuss this letter at your convenience.

Sincerely,



Jack H. Ziegler  
Gary Tunnicliffe & Jack Ziegler LLC

# **AGENDA ITEM 7.C.**

## **EXECUTIVE DIRECTOR'S REPORT**

### **COMMUNICATIONS FROM THE EXECUTIVE DIRECTOR**



# Communications – June 20, 2023

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- 2022 and 2023 Life Certificates
- Supplemental Pension Distribution 2012
  - 29 remaining distributions totalling \$161,035.52
- Supplemental Pension Distribution 2021
  - 4 remaining distributions totalling \$15,378.64
- Assignment Pay
- DROP Participant List

# **AGENDA ITEM 8**

## **PUBLIC COMMENT**

**(NO BACKUP FOR THIS SECTION)**

# **AGENDA ITEM 9**

## **TRUSTEE REPORTS, QUESTIONS AND COMMENTS**

**(NO BACKUP FOR THIS SECTION)**



# **AGENDA ITEM 10**

## **ADJOURNMENT**

**(NO BACKUP FOR THIS SECTION)**