

June 7, 2022

To the Board of Trustees and Pension Administrator
City of Delray Beach Firefighters' Retirement System
Delray Beach, Florida

We have audited the financial statements of the City of Delray Beach Firefighters' Retirement System (the "Plan") as of and for the fiscal year ended September 30, 2021. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards and *Government Auditing Standards*, as well as certain information related to the planned scope and timing of our audit. Professional standards also require that we communicate to you the following information related to our audit.

Our Responsibility under U.S. Generally Accepted Auditing Standards and *Government Auditing Standards*

As stated in our engagement letter dated February 3, 2022, our responsibility, as described by professional standards, is to express an opinion about whether the financial statements prepared by management with your oversight are fairly presented, in all material respects, in conformity with U.S. generally accepted accounting principles. Our audit of the financial statements does not relieve you or management of your responsibilities.

As part of our audit, we did consider the internal control of the Plan. Such considerations were solely for the purpose of determining our audit procedures and not to provide any assurance concerning such internal control.

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we also performed tests of Plan's compliance with certain provisions of laws, regulations, contracts, and grants. However, providing an opinion on compliance with those provisions was not an objective of our audit.

Our responsibility is to plan and perform the audit to obtain reasonable, but not absolute, assurance that the financial statements are free of material misstatement.

Planned Scope, Timing of the Audit, and Other

An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements; therefore, our audit will involve judgment about the number of transactions to be examined and the areas to be tested.

Our audit included obtaining an understanding of the entity and its environment, including internal control, sufficient to assess the risks of material misstatement of the financial statements and to design the nature, timing, and extent of further audit procedures. Material misstatements may result from (1) errors, (2) fraudulent financial reporting, (3) misappropriation of assets, or (4) violations of laws or governmental regulations that are attributable to the entity or to acts by management or employees acting on behalf of the entity. We generally communicate our significant findings at the conclusion of the audit. However, some matters could be communicated sooner, particularly if significant difficulties are encountered during the audit where assistance is needed to overcome the difficulties or if the difficulties may lead to a modified opinion. We also communicate any internal control related matters that are required to be communicated under professional standards.

Significant Audit Findings

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by the Plan are described in Note 1 – Summary of Significant Accounting Policies, to the financial statements. No new accounting policies were adopted and the application of existing policies was not changed during fiscal year 2021. We noted no transactions entered by the Plan during the year for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. There were no significant or sensitive estimates or disclosures other than the fair value of investments, which fluctuate based on market conditions and the Net Pension Liability of the City reported in the Plan's financial statements.

Certain financial statement disclosures are particularly sensitive because of their significance to financial statement users. The most sensitive and significant disclosures affecting the financial statements were:

The disclosures in the notes to the financial statements, and those included as part of the required supplementary information (RSI) related to the Net Pension Liability of the City as required by Governmental Accounting Standards Board (GASB) Statement No. 67, *Financial Reporting for Pension Plans*.

The disclosures of fair value measurements and fair value hierarchy of Plan investment securities in Note 3 to the financial statements as required by GASB Statement No. 72, *Fair Value Measurement and Application*, which addresses accounting and financial reporting matters related to fair value measurements of assets and liabilities.

The financial statement disclosures are neutral, consistent, and clear.

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are clearly trivial, and communicate them to the appropriate level of management. There were no uncorrected misstatements.

Disagreements with Management

For purposes of this letter, a disagreement with management is a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditors' report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated June 7, 2022.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the Plan's financial statements or a determination of the type of auditors' opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Audit Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the Plan's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

Other Matters

We applied certain limited procedures to management's discussion and analysis, schedule of changes in the City net pension liability and related ratios, schedule of city contributions, and the schedule of investment returns, which are required supplementary information (RSI) that supplements the financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the financial statements, and other knowledge we obtained during our audit of the financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

We were engaged to report on the schedule of investment and administrative expenses, which accompanies the financial statements but is not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves. Our responsibility for this supplementary information, as described by professional standards, is to evaluate the presentation of the supplementary information in relation to the financial statements as a whole and to report on whether the supplementary information is fairly stated, in all material respects, in relation to the financial statements as a whole.

Restriction on Use

This information is intended solely for the information and use of the Plan's Board of Trustees, the Pension Administrator, and management of the Plan and is not intended to be, and should not be, used by anyone other than these specified parties.

Very truly yours,

A handwritten signature in black ink that reads "Marcum LLP". The signature is written in a cursive, flowing style.

Marcum LLP

**CITY OF DELRAY BEACH FIREFIGHTERS'
RETIREMENT SYSTEM**

A PENSION TRUST FUND OF THE CITY OF DELRAY BEACH, FLORIDA

FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

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INDEPENDENT AUDITORS' REPORT

INDEPENDENT AUDITORS' REPORT

To the Board of Trustees and Pension Administrator
City of Delray Beach Firefighters' Retirement System

Report on the Financial Statements

We have audited the accompanying financial statements of the City of Delray Beach Firefighters' Retirement System (the "Plan"), a pension trust fund of the City of Delray Beach, Florida, which comprise the statement of fiduciary net position as of September 30, 2021 and the related statement of changes in fiduciary net position for the fiscal year then ended, and the related notes to the financial statements, which collectively comprise the Plan's financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the fiduciary net position of the City of Delray Beach Firefighters' Retirement System, a pension trust fund of the City of Delray Beach, Florida, as of September 30, 2021, and the change in fiduciary net position for the fiscal year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

U.S. generally accepted accounting principles require that the management's discussion and analysis on pages 4 to 8 and the pension information on pages 30 to 37 be presented to supplement the financial statements. Such information, although not a part of the financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the financial statements, and other knowledge we obtained during our audit of the financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Supplementary Information

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The Schedule of Investment and Administrative Expenses is presented for purposes of additional analysis and is not a required part of the financial statements.

The Schedule of Investment and Administrative Expenses is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. Such information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the Schedule of Investment and Administrative Expenses is fairly stated in all material respects in relation to the financial statements as a whole.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated June 7, 2022 on our consideration of the Plan's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Plan's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Plan's internal control over financial reporting and compliance.

Marcum LLP

West Palm Beach, Florida

June 7, 2022

MANAGEMENT'S DISCUSSION AND ANALYSIS

**CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM
MANAGEMENT'S DISCUSSION AND ANALYSIS**

As management of the City of Delray Beach Firefighters' Retirement System (the "Plan"), we offer readers of the Plan's financial statements this narrative overview of the financial activities of the Plan for the fiscal year ended September 30, 2021. This narrative is intended to supplement the Plan's financial statements, and we encourage readers to consider the information presented here in conjunction with these statements, which begin on page 9.

Overview of the Financial Statements

The following discussion and analysis is intended to serve as an introduction to the Plan's financial statements. The financial statements include:

- Statement of Fiduciary Net Position
- Statement of Changes in Fiduciary Net Position
- Notes to the Financial Statements

This report also contains the following *Required Supplementary Information* to the financial statements:

- Schedule of Changes in the City Net Pension Liability and Related Ratios
- Schedule of City Contributions
- Notes to Schedule of City Contributions
- Schedule of Investment Returns

This report also contains *Other Supplementary Information* to the financial statements:

- Schedule of Investments and Administrative Expenses

The financial statements contained in the report are described below:

- The Statement of Fiduciary Net Position is a point-in-time snapshot of account balances at fiscal year-end. It reports the assets available for future payments to retirees and any current liabilities that are owed as of the statement date. The resulting Net Position (Assets – Liabilities = Net Position) represents the value of assets held in trust for pension benefits.
- The Statement of Changes in Fiduciary Net Position displays the effect of pension fund transactions that occurred during the fiscal year, where Additions – Deductions = Change in Net Position. This change in Net Position reflects the change in the net position of the Statement of Fiduciary Net Position from the prior year to the current year. Both statements are in compliance with Governmental Accounting Standards Board (GASB) Pronouncements.
- The Notes to the Financial Statements are an integral part of the financial statements and provide additional information that is essential to the comprehensive

understanding of the data provided in the financial statements. These notes describe the accounting and administrative policies under which the Plan operates and provide additional levels of detail for select financial statement items (See Notes to Financial Statements on pages 11-29 of this report).

Because of the long-term nature of a defined benefit pension plan, financial statements alone cannot provide sufficient information to properly reflect the ongoing plan perspective. Therefore, in addition to the financial statements explained above, this financial report includes three additional *Required Supplementary Information* schedules with historical trend information.

- The Schedule of Changes in the City Net Pension Liability and Related Ratios (page 30) includes information about the sources of changes to the net pension liability of the City and to the changes in Plan fiduciary net position. It also provides information regarding the fiduciary net position as a percentage of the total pension liability and the net pension liability as a percentage of covered payroll.
- The Schedule of City Contributions (page 31) presents information regarding the value of total annual contributions required to be paid by the City and the actual performance of the City in meeting this requirement.
- The Notes to Schedule of City Contributions (pages 32 to 36) provide background information and explanatory detail to aid in understanding of the City required contributions.
- The Schedule of Investment Returns (page 37) provides information regarding the Plan rate of return.

Financial Highlights

For fiscal years ended September 30, 2016 and prior, firefighters participated in the City of Delray Beach Police and Firefighters Retirement System (the “Legacy Plan”) that provided pension benefits to both City police officers and firefighters. Effective October 1, 2016, the City Commission adopted City Ordinance No. 17-16, which provided for the establishment of separate retirement systems for the City’s firefighters and police officers, a new board of trustees for each system, changes in the allocation and use of Chapter 175 and 185 premium tax revenues, and changes to the retirement benefits of firefighters and police officers. Ordinance No. 17-16 specified that the determination of the assets and liabilities of the Legacy Plan allocable to the Plan should be made by the Plan’s actuary. The actuarial allocation was based on the census data, plan provisions, assumptions and methods used for the October 1, 2015 actuarial valuation of the Legacy Plan. The allocation method resulted in an allocation of 52.569% of the Legacy Plan assets to the new City of Delray Beach Firefighters’ Retirement System. The financial position and operating results of the Plan as of and for the fiscal years ended September 30, 2021 and 2020 present only the stand-alone, segregated Plan, although an investment in a real estate fund held by the Legacy Plan and the related income are allocated to the Delray Beach Firefighters’ Retirement System based on the actuarial percentage.

- The net position of the Plan restricted for pension benefits at the close of the fiscal years ended September 30, 2021 and 2020 was \$163,257,261 and \$131,028,340, respectively.
- Net position increased by \$32,228,831 or 24.6% during 2021, primarily due to the current year’s contributions and investment income.

- For the fiscal year ended September 30, 2021 Plan net position was 81.7% of the total pension liability of \$199,864,695. The net pension liability was \$36,606,434 at September 30, 2021, which was 293.1% of covered payroll.
- Additions to fiduciary net position for the fiscal year ended September 30, 2021 were \$42,121,108, which includes City, Firefighter and State contributions totaling \$11,897,336 and net earnings from investment activities totaling \$30,223,772.
- Deductions from fiduciary net position increased to \$9,892,277 in 2021. Most of the decrease relates to decreased DROP withdrawal payments made in 2021.

Analysis of Financial Activities

The Plan's funding objective is to meet long-term benefit obligations through investment income and contributions. Accordingly, the collection of employer, state and member contributions, and the income from investments provide the reserves needed to finance future retirement benefits.

Contributions from the City of Delray Beach are made at levels determined by the Plan's actuary. Because expected investment returns and expected payroll growth has remained stable compared to previous years, the City's contribution requirement has increased slightly. Net position restricted for pension benefits increased by \$32,228,831 in 2021.

**Fiduciary Net Position
Table 1**

	2021	2020	<u>Increase (Decrease)</u> 2021 - 2020
Assets			
Current and other assets	\$ 386,291	\$ 2,334,888	\$ (1,948,597)
Investments	<u>163,701,178</u>	<u>129,652,865</u>	<u>34,048,313</u>
Total Assets	<u>164,087,469</u>	<u>131,987,753</u>	<u>32,099,716</u>
Total Liabilities	<u>830,208</u>	<u>959,323</u>	<u>(129,115)</u>
Fiduciary Net Position	<u>\$ 163,257,261</u>	<u>\$ 131,028,430</u>	<u>\$ 32,228,831</u>

As the years roll forward and total assets and liabilities grow, investment earnings will continue to play an important role in funding future retirement benefits. Therefore, investment return over the long-term is critical to the funding status of the retirement Plan.

During 2021, the Plan's investment portfolio returned income of 23.40% as compared to 8.26% for the prior year. It is important to remember that a retirement Plan's funding is based on a long-term horizon, where temporary ups and downs in the market are expected. The more critical factor is that the Plan be able to meet an expected annual earnings yield of 6.625% on investments (lowered from 6.75% in the prior year).

Based on the latest actuarial analysis for the fiscal year ended September 30, 2021, the Plan's total pension liability exceeds its Plan net position by \$36.6 million (a decrease of \$21.5 million from 2020), producing a plan net position as a percent of total pension liability of 81.7% (an increase of 12.4% from 2020).

Financial Analysis Summary

As previously noted, net position viewed over time may serve as a useful indication of the Plan's financial position (see Table 1 above). At the close of fiscal year 2021, the assets of the Plan exceeded its liabilities by \$163,257,261, shown as net position restricted for pension benefits. The net position is available to meet the Plan's ongoing obligation to Plan members and their beneficiaries.

Fiduciary Net Position

The Plan's fiduciary net position is established from employer, state and member contributions, and the accumulation of investment earnings, net of investment and administrative expenses and benefit payments.

Additions to Fiduciary Net Position

As noted above, fiduciary net position needed to finance retirement benefits are accumulated through collecting employer, state and member contributions and through investment earnings (net of investment expenses.) The additions totaled \$42,121,108 for the fiscal year ended September 30, 2021. This was \$21,315,315 more than the prior year, due to increased investment returns.

**Additions to Fiduciary Net Position
Table 2**

	2021	2020	Increase 2021 - 2020
Contributions			
City	\$ 9,453,699	\$ 8,452,820	\$ 1,000,879
Firefighters	1,242,141	1,119,504	122,637
State of Florida	1,201,496	1,109,338	92,158
Total Contributions	<u>11,897,336</u>	<u>10,681,662</u>	<u>1,215,674</u>
Net Investment Earnings	<u>30,223,772</u>	<u>10,124,131</u>	<u>20,099,641</u>
Total Additions	<u>\$ 42,121,108</u>	<u>\$ 20,805,793</u>	<u>\$ 21,315,315</u>

Deductions from Fiduciary Net Position

The Plan was created to provide retirement, survivor and disability benefits to qualified members and their beneficiaries. The cost of such programs includes recurring benefit payments, refunds of contributions to employees who terminate employment, and the cost of administering the Plan.

Deductions from Fiduciary Net Position
Table 3

	2021	2020	Increase (Decrease) 2021 - 2020
Benefit Payments			
Retirement and disability payments	\$ 7,529,093	\$ 7,278,262	\$ 250,831
DROP withdrawals	2,199,141	2,817,229	(618,088)
Refunds of participant contributions	23,041	25,385	(2,344)
Total Benefit Payments	<u>9,751,275</u>	<u>10,120,876</u>	<u>(369,601)</u>
Administrative Expenses	<u>141,002</u>	<u>142,338</u>	<u>(1,336)</u>
Total Deductions	<u>\$ 9,892,277</u>	<u>\$ 10,263,214</u>	<u>\$ (370,937)</u>

Total deductions for the fiscal year ended September 30, 2021 totaled \$9,892,277, an decrease of 3.6% from 2020. The decrease was primarily due to decreased DROP withdraw payments in 2021. Deductions for the fiscal year ended September 30, 2020 totaled \$10,263,214.

The additions to Plan net position of \$42,121,108 and deductions from Plan fiduciary net position of \$9,892,277 resulted in an overall increase of \$32,228,831 resulting from operations for the fiscal year ended September 30, 2021. The additions to Plan net position of \$20,805,793 and deductions from Plan fiduciary net position of \$10,542,579 resulted in an overall increase of \$10,542,579 in net position restricted for pension benefits for the fiscal year ended September 30, 2020.

Fiduciary Responsibilities

The Board of Trustees is the fiduciary of the pension trust fund. Fiduciaries are charged with the responsibility of assuring that the assets of the Plan are used exclusively for the benefit of Plan members and their beneficiaries and defraying reasonable expenses of administering the Plan.

Requests for Information

This financial report is designed to provide the Board of Trustees, Plan members, taxpayers and investment managers with an overview of the Plan's finances and accountability for the money received. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to:

Pension Administrator
City of Delray Beach Firefighters' Retirement System
City of Delray Beach Finance - Pension Office
100 NW 1st Avenue
Delray Beach, FL 33444

FINANCIAL STATEMENTS

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

STATEMENT OF FIDUCIARY NET POSITION

SEPTEMBER 30, 2021

	Defined Benefit Pension Plan	Deferred Retirement Option (DROP) Pension Plan	Total Pension Trust Funds
Assets			
Cash	\$ 24,657	\$ --	\$ 24,657
Receivables:			
Firefighters' contributions	55,668	--	55,668
Interest and dividends	24,236	--	24,236
Pending trades receivable	281,730	--	281,730
Total receivables	<u>361,634</u>	<u>--</u>	<u>361,634</u>
Investments:			
Money market mutual funds	3,388,593	--	3,388,593
Fixed income mutual funds	24,005,288	--	24,005,288
Domestic equity securities	49,807,758	--	49,807,758
Domestic equity mutual funds	5,242,904	--	5,242,904
Domestic equity index funds	21,913,848	--	21,913,848
Pooled domestic equity index funds	5,207,062	--	5,207,062
International equity mutual funds	23,613,264	--	23,613,264
Foreign stocks	3,823,600	--	3,823,600
Timber investment fund	896,564	--	896,564
Real estate investment funds	9,198,988	--	9,198,988
Fixed income alternative investment fund	1,656,932	--	1,656,932
Participant directed pooled investment funds	--	14,946,377	14,946,377
Total investments	<u>148,754,801</u>	<u>14,946,377</u>	<u>163,701,178</u>
Total Assets	<u>149,141,092</u>	<u>14,946,377</u>	<u>164,087,469</u>
Liabilities			
Accounts payable	114,824	--	114,824
Pending trades payable	715,384	--	715,384
Total Liabilities	<u>830,208</u>	<u>--</u>	<u>830,208</u>
Net Position			
Restricted for pension benefits	<u>\$ 148,310,884</u>	<u>\$ 14,946,377</u>	<u>\$ 163,257,261</u>

The accompanying notes are an integral part of these financial statements.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

STATEMENT OF CHANGES IN FIDUCIARY NET POSITION

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

	Defined Benefit Pension Plan	Deferred Retirement Option (DROP) Pension Plan	Total Pension Trust Funds
Additions			
Contributions:			
City of Delray Beach	\$ 7,798,004	\$ 1,655,695	\$ 9,453,699
Firefighters	1,242,141	--	1,242,141
State of Florida	<u>1,201,496</u>	<u>--</u>	<u>1,201,496</u>
Total contributions	<u>10,241,641</u>	<u>1,655,695</u>	<u>11,897,336</u>
Investment earnings:			
Net appreciation in fair value of investments	27,101,398	1,181,170	28,282,568
Interest, dividends and investment fund income	2,354,540	227,221	2,581,761
Other investment income	<u>102</u>	<u>13,671</u>	<u>13,773</u>
	29,456,040	1,422,062	30,878,102
Less investment expenses	<u>(652,044)</u>	<u>(2,286)</u>	<u>(654,330)</u>
Net investment earnings	<u>28,803,996</u>	<u>1,419,776</u>	<u>30,223,772</u>
Total Additions	<u>39,045,637</u>	<u>3,075,471</u>	<u>42,121,108</u>
Deductions			
Firefighters benefits	7,529,093	--	7,529,093
Deferred retirement option (DROP) benefits	1,655,695	543,446	2,199,141
Refunds of participant contributions	23,041	--	23,041
Administrative expenses	<u>141,002</u>	<u>--</u>	<u>141,002</u>
Total Deductions	<u>9,348,831</u>	<u>543,446</u>	<u>9,892,277</u>
Change In Plan Net Position	29,696,806	2,532,025	32,228,831
Net Position Restricted for Pension Benefits			
Beginning of year	<u>118,614,078</u>	<u>12,414,352</u>	<u>131,028,430</u>
End of year	<u>\$ 148,310,884</u>	<u>\$ 14,946,377</u>	<u>\$ 163,257,261</u>

The accompanying notes are an integral part of these financial statements.

NOTES TO FINANCIAL STATEMENTS

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

REPORTING ENTITY

The City of Delray Beach Firefighters' Retirement System (the "Plan") was established by the City of Delray Beach, Florida, to account for the financial activity of the defined benefit pension plan and deferred retirement option plan (DROP) that accumulate funds for the retirement pensions of City firefighters. The Plan uses separate fiduciary funds to report resources that are held in trust for the members and beneficiaries of the defined benefit pension plan and DROP plan (a defined contribution plan). The Plan is reported as a fiduciary fund (pension trust) in the City's financial statements.

MEASUREMENT FOCUS AND BASIS OF ACCOUNTING

The Plan's financial statements are prepared in accordance with U.S. generally accepted accounting principles (GAAP) as prescribed by the Governmental Accounting Standards Board (GASB). The financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Under this method, revenues/additions are recorded when earned and expenses/deductions are recorded when the liabilities are incurred. Contributions from the Plan's members are recognized as revenue/additions in the period in which the contributions are due. Contributions from the City, as calculated by the Plan's actuary, are recognized as revenue when due and when the City is legally required to provide the contributions. Benefits and refunds are recognized when due and payable in accordance with the terms of the Plan.

CASH

Cash includes temporary cash balances held by the Plan's investment managers and are uninsured and uncollateralized.

INVESTMENTS

The Plan's investment functions for the defined benefit plan are performed by independent investment managers under the direction of the Board of Trustees. The defined benefit plan investments are held in safekeeping by a custodian independent of the investment managers. The DROP investments are self-directed participant accounts investing in pooled investments in mutual funds available through an affiliate of Mission Square Retirement. Investments are reported at fair value or net asset value, except for money market mutual funds that are reported at amortized cost. Securities traded on national or international exchanges are valued at the last reported sales price. Net asset values of the timber and real estate funds are determined by the fund managers using fair market values of the underlying investments of the fund. Net appreciation (depreciation) in fair value of investments includes the difference between cost and fair value of investments held as

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

INVESTMENTS

well as the net realized gains and losses for securities which are sold. Interest and dividend income are recognized on the accrual basis when earned. Purchases and sales of investments are recorded on a trade-date basis.

NET POSITION

The net position of the Plan is restricted for pension benefits pursuant to legal restrictions of the enabling City ordinance that requires all Plan assets be utilized for pension benefits.

INVESTMENT AND ADMINISTRATIVE EXPENSES

Investment management fees are typically paid based on individually negotiated investment management agreements. The investment management fees are usually paid quarterly based on the investment portfolio's net asset value at the end of the quarter or may be performance related based on exceeding a market benchmark. Fees are paid from the appropriate investment manager's portfolio and are recognized as investment expenses in the Statement of Changes in Fiduciary Net Position over the time period to which the fees apply. Investment expenses also include custody fees paid to the Plan's investment custodian and performance monitoring fees paid to outside investment consultants engaged by the Plan.

Administrative expenses include the various costs of administering the operations of the Plan, including fees for actuarial, audit, insurance and legal services, allocable costs for services provided by the City and office related expenses for supplies, postage and telephone.

RISK MANAGEMENT

The Plan is exposed to various risks of loss related to torts; theft of assets; fiduciary duty; and, errors and omissions. The Plan is also subject to risk of loss arising in the ordinary course of business, including, but not limited to, claims for damages for personal injuries and breach of contract. The Plan purchases commercial insurance for these risks. There were no significant reductions in insurance coverage from the prior year and no settlements in excess of coverage for the prior three years.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

RISK MANAGEMENT (CONTINUED)

As a political subdivision of the State of Florida, the Plan has sovereign immunity under the Florida Constitution for tort actions. Therefore, in accordance with Chapter 768.28 Laws of Florida, the Plan is not liable to pay a claim or judgment, or any portions thereof, which when totaled with all other claims or judgments paid by the State or its agencies or subdivisions arising out of the same incident or occurrence, exceeds the aggregate sum of \$300,000. Chapter 768.28 also provides that judgments may be claimed or rendered in excess of these limits; however, these amounts must be reported to and approved by the Florida Legislature.

USE OF ESTIMATES

Management uses estimates and assumptions in preparing financial statements in accordance with U.S. generally accepted accounting principles (GAAP). Those estimates and assumptions affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities, and the reported amounts of revenues/additions and expenses/deductions. Actual results could vary from the estimates that were used.

NOTE 2 – PLAN DESCRIPTION

The following brief description of the Plan is provided for general information purposes only. Members should refer to the enabling City Ordinance for more complete information.

The Plan was originally established in 1974 by the City of Delray Beach as the City of Delray Beach Police and Firefighters Retirement System (the "Legacy Plan") to provide pension benefits to all full-time City police officers and firefighters. Effective October 1, 2016, the City Commission adopted City Ordinance No. 17-16, which provided for the establishment of separate retirement systems for the City's police officers and firefighters, a new board of trustees for each system, changes in the allocation and use of Chapter 175 and 185 premium tax revenues, and changes to the retirement benefits of firefighters and police officers. The changes in Ordinance No. 17-16 were ratified by the City's collective bargaining agreements with the Professional Fire Fighters/Paramedics of Palm Beach County, Local 2928, IAFF and the Palm Beach County Police Benevolent Association. Unless otherwise noted, these financial statements present only the financial activity of the City of Delray Beach Firefighters' Retirement System established on October 1, 2016 pursuant to Ordinance No. 17-16.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 2 – PLAN DESCRIPTION (CONTINUED)

PLAN ADMINISTRATION

The Plan is governed by Florida Statutes Chapter 175, as revised by ordinances passed by the City of Delray Beach City Commission. Additionally, the Fund is governed by Chapter 112, Part VII, of the Florida Statutes. All full-time firefighters of the City are required to participate in the Plan as a condition of employment. Civilian members of the City Fire Department and the Fire Chief, upon the Fire Chief's written election not to participate, are excluded from the Plan.

The Plan is managed by a five member Board of Trustees consisting of the following members: two legal residents of the City who are appointed by the City Commission; two full-time City firefighters elected by the active members of the Plan; and a fifth member chosen by a majority of the other four members. Each trustee serves for a term of four years and may serve successive terms.

PLAN MEMBERSHIP

The Plan membership as of October 1, 2020, the date of the most recent actuarial valuation, is summarized as follows:

Retirees and Beneficiaries

Inactive plan members and beneficiaries receiving benefits	127
DROP retirees	12
Inactive employees entitled to benefits but not receiving them	<u>1</u>

Total Retirees and Beneficiaries 140

Active Members

Vested	58
Nonvested	<u>91</u>

Total Active Members 149

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 2 – PLAN DESCRIPTION (CONTINUED)

PENSION BENEFITS

The Plan provides retirement, death and disability benefits for firefighters. Benefit provisions are established and may be amended by City Ordinance.

Eligibility for Normal Retirement

For firefighters hired on or before October 4, 2016, eligibility for normal retirement is the earlier of age 55 and 10 years of service or 20 years of service regardless of age. For firefighters hired after October 4, 2016, eligibility for normal retirement is the earlier of age 55 and 10 years of service or 25 years of service regardless of age.

Annual Retirement Benefit

The annual retirement benefit for firefighters is based on the date of hire as follows:

- A) Firefighters hired on or before October 4, 2016 with 20 or more years of service on October 4, 2016, receive 3.5% (if the enhanced multiplier is elected or 3.0% if it is not elected) times the firefighter's average final compensation for all credited service (subject to a maximum benefit equal to 87.5% of average final compensation).
- B) Firefighters hired on or before October 4, 2016 with less than 20 years of service on October 4, 2016, and retiring with:
 - 1) more than 20 years of service at retirement receive 3.5% (if the enhanced multiplier is elected or 3.0% if it is not elected) times the firefighter's average final compensation for all credited service prior to October 4, 2016 plus 3.0% times the firefighter's average final compensation times all years of credited service after October 4, 2016 (subject to a maximum annual benefit of \$100,000, but not less than 2.0% times average final compensation for each year of credited service).
 - 2) less than 20 years of service at retirement receive 2.5% times the firefighter's average final compensation times all years of credited service prior to October 4, 2016 plus 3.0% times the firefighter's average final compensation times all years of credited service after October 4, 2016 (subject to a maximum annual benefit of \$100,000, but not less than 2.0% times average final compensation for each year of credited service).

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 2 – PLAN DESCRIPTION (CONTINUED)

PENSION BENEFITS (CONTINUED)

Annual Retirement Benefit (continued)

- C) Firefighters hired after October 4, 2016 receive 2.75% times the firefighter's average final compensation times all years of credited service (subject to a maximum annual benefit of \$100,000, but not less than 2.0% times average final compensation for each year of credited service).
- D) Firefighters hired after April 9, 2013 may not elect the enhanced multiplier.

Early Retirement

A participant age 50 with 10 or more years of credited service is eligible for early retirement. Early retirement benefits are computed in the same manner as normal retirement, based upon the participant's final average salary and credited service at the date of termination, reduced by 3.0% for each year prior to the normal retirement date. Firefighters hired after October 4, 2016, are not eligible for early retirement benefits.

Disability Benefits

Disability benefits for service related disabilities are based on a determination of total and permanent disability by the Board of Trustees. Ten years of service are required for non-service related disability benefits. The disability benefit is the participant's accrued pension benefit, but not less than 60% of the participant's average final compensation for service related disabilities. For non-service related disabilities, the benefit is 2.0% of average final compensation times the years of credited service with a minimum of 25% of the participant's average final compensation.

Death Benefits

For any firefighter who dies in the line of duty, the surviving spouse shall receive until death or remarriage 50% of the firefighter's final average compensation. Each surviving child under age 18 shall receive 5% of the firefighter's final average compensation until age 18 (or 22 if a full-time student). The maximum service-incurred survivor benefit is 60% of the firefighter's final average compensation. For any firefighter with more than five years of service whose death is not in the line of duty, the surviving spouse shall receive until death or remarriage 65% of the firefighter's accrued benefit at the time of death, subject to a minimum benefit of 20% of the firefighter's final average earnings. Each surviving child under age 18 shall receive 5% of the firefighter's final average earnings until age 18 (or 22 if a full-time student) with the total death benefit limited to 50% of the firefighter's final average compensation.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 2 – PLAN DESCRIPTION (CONTINUED)

PENSION BENEFITS (CONTINUED)

Cost of Living Adjustments

Post retirement cost of living adjustments are provided for pension recipients. An annual increase equal to a 1% base benefit plus what can be funded from State revenues applies for those who retired after October 1, 1993, commencing on the 1st anniversary of the retiree's first benefit payment following their 25th hire date anniversary.

Deferred Retirement Option Plan (DROP)

Firefighters are eligible to enter the Deferred Retirement Option Plan (DROP) at the normal retirement date, while continuing active employment as a firefighter. Upon entering into the DROP, the participant becomes a retiree for all Plan purposes and the accrued benefit is frozen. Effective May 18, 2021, the member is eligible to participate in the DROP for a maximum duration of 8 years (formally 5 years and no later than the attainment of 38 years of service (formally 30 years). DROP participants on or after May 18, 2021, contribute 4% of pensionable salary while participating in the DROP. Normal retirement payments that would have been payable to the participant as a result of retirement are paid to and invested in the DROP to be distributed to the participant upon his or her request or as required by law.

The Board of Trustees contracts with the Mission Square Retirement (formally International City Management Association Retirement Corporation (ICMA-RC)) to administer the DROP through a separate 401(a) plan. Firefighters who elect to participate in DROP are required to use a self-directed investment program through the Mission Square Retirement 401(a) plan. The DROP participants self-direct their account in investment options offered by Mission Square Retirement and approved by the Plan's Board of Trustees. The assets of the DROP cannot be legally accessed by the Plan to pay retirement benefits to other Plan participants because the DROP assets are held in the participants' name in a separate trust under the 401(a) plan. Accordingly, the DROP plan has been reported as a separate defined contribution plan in the accompanying financial statements.

CONTRIBUTIONS

Contribution requirements are established and may be amended by City Ordinance. Contribution requirements are based on the benefit structure established by the City. Members are required to contribute 9.0% of salary until the member reaches 25 years of continuous service. Pursuant to Chapter 175, Florida Statutes, a premium tax on certain fire insurance contracts written on properties within the corporate boundaries of the City is collected by the State and remitted to the Plan for the State's annual contribution amount. The City is required to contribute the remaining amounts necessary to finance the Plan's benefits through periodic contributions at actuarially determined rates sufficient to pay the

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 2 – PLAN DESCRIPTION (CONTINUED)

CONTRIBUTIONS (CONTINUED)

normal cost plus an amount sufficient to amortize the unfunded accrued past service liability over a period not greater than 30 years. By mutual agreement of the City and the firefighters' union, all annual premium tax moneys received pursuant to Chapter 175, up to \$1,206,994, shall be used to offset the cost of current benefits by reducing the City's annual required contribution to the Plan.

A rehired member may buy back one or more years of continuous past service by paying into the Plan the full actuarial cost of such service, as determined by the Plan's actuary, including the cost of the required actuarial calculations. The buy-back of past service must be paid to the Plan prior to entering DROP and over a period not to exceed 5 years.

VESTING AND REFUNDS OF MEMBER CONTRIBUTIONS

Firefighters who terminate employment with less than 10 years of continuous service, upon the election to receive a refund of member contributions, receive a noncompounded, simple interest rate of three percent per year applied to the principal balance of the participant's contributions as accrued on December 31st of each year. Employees who terminate employment with 10 years or more of continuous service, upon the election to receive a refund of member contributions, receive a noncompounded, simple interest rate of five percent per year applied to the principal balance of the participant's contribution as accrued on December 31st of each year. Each member is guaranteed the payment of benefits at least equal in total to his accumulated contributions plus interest as provided herein. Any forfeitures that may arise upon the termination of a member's employment are used to offset the City's contribution.

NOTE 3 – INVESTMENTS

AUTHORIZED INVESTMENTS

Florida Statutes and the Plan's investment policy authorize the Plan to invest and reinvest pension fund assets in such securities, investment vehicles and properly wherever situated and of whatever kind, as the Board shall approve in the exercise of its fiduciary duty and authority, including but not limited to common or preferred stocks, bonds and other evidences of indebtedness or ownership, notwithstanding any limitation provided for in Chapters 175 and 185, Florida Statutes, or any limitation or condition contained in Section 215.47, Florida Statutes. In no event, however, shall more than 25% of the assets of the fund, at fair market value, be invested in foreign securities.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 3 – INVESTMENTS (CONTINUED)

AUTHORIZED INVESTMENTS (CONTINUED)

The Plan's investment policy further authorizes the Plan to invest, with certain limitations, in the following securities subject to the following limitations:

- 1) Equities - Equities must be traded on a national exchange or election electronic network; and not more than 5% of the Plan's assets, at the time of purchase, shall be invested in the common stock, capital stock or convertible stock of any one issuing company, nor shall the aggregate investment in any one issuing company exceed 5% of the outstanding capital stock of the company; and additional criteria may be outlined in the manager's addendum.
- 2) Fixed income – At least 85% of the fixed income investments shall have a minimum rating of investment grade or higher as report by a major credit rating service and the value of bonds issued by any single corporation shall not exceed 3% of the total fund; and additional criteria may be outlined in the manager's addendum.
- 3) Money Market - Money market funds provided by the Plan's custodian and have a minimum rating of Standards & Poor's A1 or Moody's P1.
- 4) Pooled Funds - Pooled funds may include, but are not limited to, mutual funds, commingled funds, exchange-traded funds, limited partnerships and private equity. Pooled funds may be governed by separate documents which may include investments not expressly permitted in this Investment Policy Statement. In the event of investment by the Plan into a pooled fund, the Board will adopt the prospectus or governing policy of that fund as the stated addendum to this Investment Policy Statement.

INVESTMENT ALLOCATION

The policy in regard to the allocation of invested assets is established and may be amended by a majority vote of the Board of Trustees. It is the Board of Trustees' policy to pursue an investment strategy that reduces risk through the prudent diversification of the investment portfolio across a broad selection of distinct asset classes. The investment policy of the Plan discourages the use of cash equivalents, except for liquidity purposes, and aims to refrain from dramatically shifting asset class allocations over short time spans. The investment strategy and allocations are reviewed quarterly with the assistance of the Plan's investment consultant and are rebalanced to the target asset allocations based on market conditions.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 3 – INVESTMENTS (CONTINUED)

INVESTMENT ALLOCATION (CONTINUED)

The long-term expected net rate of return on investments was determined using a building-block method. Best-estimate ranges of expected future rates of return (expected returns net of investment expense and inflation) are developed for each major asset class. The long-term expected net rate of return on investments is the best-estimate ranges weighted by asset allocation plus expected inflation. Best estimates of arithmetic real rates of return for each major asset class as provided by the investment managers, together with the Board of Trustees' adopted asset allocation policy for the fiscal year ended September 30, 2021, are as follows:

Asset Class	Target Allocation	Long-Term Expected Real Rate of Return
Domestic equity	52.5%	7.5%
International equity	15.0	8.5
Fixed income	17.5	2.5
Real estate	10.0	4.5
Alternatives	<u>5.0</u>	6.2
Total	<u>100.0%</u>	

RATE OF RETURN

The annual money-weighted rate of return on Plan investments, net of pension investment expense, was 23.40% for the fiscal year ended September 30, 2021. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts invested.

FAIR VALUE OF INVESTMENTS

The Plan follows the provisions of GASB Statement No. 72, *Fair Value Measurement and Application*, which establishes a framework for measuring the fair value of investments in a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives highest priority to unadjusted quoted prices in active markets for identical assets (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under GASB Statement No. 72 are described below:

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 3 – INVESTMENTS (CONTINUED)

Level 1: Inputs to the valuation methodology are unadjusted quoted prices for identical assets in active markets that the Plan has the ability to access at the measurement date.

Level 2: Inputs to the valuation methodology include the following:

- Quoted prices for similar assets in active markets.
- Quoted prices for identical or similar assets in inactive markets.
- Inputs other than quoted prices that are observable for the assets.
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

Level 3: Inputs to the valuation methodology are unobservable and significant to the fair value measurement. These unobservable inputs reflect the entity's own estimates for assumptions that market participants would use in pricing the asset or liability. Valuation techniques would typically include discounted cash flow models and similar techniques, but may also include the use of market prices of assets that are not directly comparable to the subject asset.

The fair value measurement of an asset within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs. The categorization of an investment within the fair value hierarchy is based upon the pricing transparency of the investment and does not necessarily correspond to the Plan's perceived risk of that investment.

The following valuation methods and assumptions were used by the Plan to estimate the fair value of financial instruments measured at fair value on a recurring basis under GASB Statement No. 72:

Fixed income mutual funds: Valued at the closing price reported on the active exchange on which the individual securities are actively traded. Securities that are not actively traded are valued using a matrix pricing technique based on the securities' relationship to quoted benchmark prices.

Domestic equity securities and foreign stocks: Valued at the closing price reported on the active exchange on which the individual securities are actively traded.

Domestic equity index funds and international equity mutual funds: Valued at the closing net asset value reported on the active exchange on which the individual investment fund is actively traded.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 3 – INVESTMENTS (CONTINUED)

VALUATION METHODOLOGIES

Investments measured at net asset value (NAV): Pooled domestic equity index fund, timber and real estate investment fund and the fixed income alternative investment fund, are valued at the unadjusted NAV per share at September 30, 2021, calculated in a manner consistent with the Financial Accounting Standards Board's measurement principles for investment companies based on the fair value of the underlying fund investments, as determined by the fund manager or by valuations of a fund's underlying assets as provided by the general partner or investment manager, since the assets are not publicly traded. Timber and real estate values are based upon periodic independent appraisals performed for assets held by the funds. The fair value of timber and real estate is the price that would be received if the asset was sold to a market participant assuming the highest and best use of each asset at the measurement date. The pooled domestic equity index fund and fixed income alternative investment fund are not publicly traded and invest in various types of equity and fixed income securities.

DROP participant pooled investment funds: Price/unit values for DROP investment options are calculated daily by the DROP provider based on the quoted price on a national exchange for the underlying mutual funds held in comingled pooled investment accounts through a group trust, adjusted for certain expense factors disclosed in the DROP provider contract.

The methods and assumptions described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. While the Plan believes its valuation methodologies are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date. There were no changes in the methods and assumptions used for the fiscal ended September 30, 2021.

FAIR VALUE OF INVESTMENTS

The financial assets measured at fair value on a recurring basis include the Plan's investments. There were no liabilities measured at fair value on a recurring basis at September 30, 2021.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 3 – INVESTMENTS (CONTINUED)

FAIR VALUE OF INVESTMENTS (CONTINUED)

The fair value of the Plan's investments at September 30, 2021 is summarized as follows:

	Fair Values at September 30, 2021			Total
	(Level 1)	(Level 2)	(Level 3)	
Fixed Income Investments				
Fixed income mutual funds	\$ 24,005,288	\$ --	\$ --	\$ 24,005,288
Total debt securities	24,005,288	--	--	24,005,288
Equity Investments				
Domestic equity securities	49,807,758	--	--	49,807,758
Domestic equity mutual funds	5,242,904	--	--	5,242,904
Domestic equity index funds	21,913,848	--	--	21,913,848
International equity mutual funds	23,613,264	--	--	23,613,264
Foreign stocks	3,823,600	--	--	3,823,600
Total equity securities	104,401,374	--	--	104,401,374
Total investments by fair value level	\$128,406,662	\$ --	\$ --	128,406,662
Investments Measured at Net Asset Value (NAV)				
Alternative investment funds:				
Pooled domestic equity				
index funds				5,207,062
Timber investment fund				896,564
Real estate investment funds				9,198,988
Fixed income alternative				
investment fund				1,656,932
Total investments at NAV				145,366,208
Money market funds (Exempt)				3,388,593
Total Investments				\$ 148,754,801

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 3 – INVESTMENTS (CONTINUED)

FAIR VALUE OF INVESTMENTS (CONTINUED)

The Mission Square Retirement 401(a) DROP plan investments consist of participant directed investments in comingled pooled investment accounts that invest in various mutual fund products through a group trust.

The fair value of the DROP investments at September 30, 2021 is summarized as follows:

DROP Investments	
Domestic fixed income funds	\$ 942,653
Asset allocation funds	3,974,949
Domestic equity funds	2,805,135
International equity funds	609,593
Specialty sector funds	446,301
Stable value fund	<u>6,167,746</u>
Total DROP Investments	<u>\$ 14,946,377</u>

All DROP investments are considered to be Level 2 fair value investments.

ALTERNATIVE INVESTMENT FUNDS

The alternative investment funds may hold certain investments which may be valued by a single market maker. While the fund managers use their best judgment in estimating the fair values of underlying funds, there are inherent limitations in any estimation technique. Accordingly, the fair values of alternative investment funds have been estimated by the management of the pension funds and their investment advisors in the absence of readily ascertainable fair values.

The reported fair values for the alternative investment funds may differ significantly from the values that would have been used had a ready market for the underlying funds existed and the differences could be material. Future confirming events will affect the estimates of fair value, and the effect of such events on the estimates of fair value could be material. The alternative investment funds also expose the Plan to additional investment risks, including liquidity risks; counterparty and custody risks; foreign political, economic and governmental risks; and, market risk. At September 30, 2021, the Plan's alternative investments had future funding commitments of approximately \$538,000, no lock-up periods and were generally redeemable monthly, quarterly or annually with 5 to 90 days' notice, subject to the approval of the investment manager.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 3 – INVESTMENTS (CONTINUED)

CUSTODIAL CREDIT RISK

Custodial credit risk is defined as the risk that the Plan may not recover cash and investments held by another party in the event of financial failure. The Plan's investment policy requires investments to be fully insured or collateralized, or held in independent custodial safekeeping accounts in the name of the Plan. At September 30, 2021 all direct investments in securities were held in an independent custodial safekeeping account. Money market mutual funds, mutual funds, index funds and alternative investments, were considered *unclassified* investments pursuant to GASB Standards.

CONCENTRATION OF CREDIT RISK

Concentration of credit risk is defined as the risk of loss attributed to the magnitude of an investment in a single issuer. The Plan's investment policy requires diversification of investments to minimize potential losses on individual securities. Securities of a single issuer are limited to no more than 5% of the Plan's net position invested in common stocks and debt securities. Investments in mutual funds, index funds and alternative investments are excluded from the concentration of credit risk disclosure requirement.

CREDIT RISK

Credit risk is the risk that a debt issuer will not fulfill its obligations. The Plan's investment policy addresses credit risk by limiting investments to the safest types of securities, which are generally those with investment grade credit ratings (BBB or better) from a Nationally Recognized Statistical Rating Organization (NRSRO) at the date of purchase. The Plan utilizes ratings from Standard & Poor's and Moody's Investor Services for its investments.

INTEREST RATE RISK

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment in debt securities. Generally, the longer the time to maturity, the greater the exposure to interest rate risk. The Plan's investment policy has no specific limits on investment maturities.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 3 – INVESTMENTS (CONTINUED)

INTEREST RATE RISK (CONTINUED)

The table below summarizes the NRSRO ratings and the average effective duration in years for the fixed income investments of the Plan at September 30, 2021.

	NRSRO Rating	Average Effective Duration	Reported Value
Money market mutual funds	AAAm	Under 90 days	\$ 3,388,593
Fixed income mutual funds	Unrated	5.8 years	24,005,288
Fixed income alternative investment fund	Unrated	Not available	1,656,932
Participant directed pooled investment funds (DROP) Domestic fixed income and stable value funds	Unrated	Not available	7,110,399

FOREIGN CURRENCY RISK

Foreign currency risk includes the risk of revaluation of currencies, high rates of inflation, repatriation restrictions on income and capital, and future adverse political, social, and economic developments. Moreover, securities of foreign governments may be less liquid, subject to delayed settlements and taxation on realized and unrealized gains, and their price may be more volatile than those of comparable securities in U.S. companies.

Risks and Uncertainties

Due to the various risks associated with certain investments, it is at least reasonably possible that changes in the values of investments will occur in the near term and that such changes could materially affect the amounts reported in the accompanying financial statements. The value, liquidity, and related income of certain securities with contractual cash flows, such as asset backed securities, collateralized mortgage obligations, commercial mortgage backed securities and real estate funds or pooled funds investing in these securities or entities, are particularly sensitive to changes in economic conditions, including real estate value, delinquencies or defaults, or both, and may be adversely affected by shifts in the market's perception of the issuers and changes in interest rates.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 4 – NET PENSION LIABILITY

The components of the net pension liability of the City at September 30, 2021, the measurement date for the Plan, were as follows:

Total pension liability	\$199,863,695
Plan fiduciary net position	<u>163,257,261</u>
Net Pension Liability	<u>\$ 36,606,434</u>
Plan Fiduciary Net Position as a Percentage of the Total Pension Liability	81.7%

ACTUARIAL ASSUMPTIONS

The total pension liability was determined by an actuarial valuation as of October 1, 2020, rolled forward to September 30, 2021, based on the following actuarial assumptions:

Actuarial cost method	Entry Age Normal
Amortization method	Level Dollar, Closed
Remaining amortization period	19 years
Asset valuation method	4 year smoothed
Cost of living adjustments	1.0% per year
Inflation	2.5%
Salary increases	4.5% - 8.25% including inflation
Investment rate of return	6.625% net of investment expense, including inflation
Mortality	PUB-2010 Headcount Weighted Safety Below Median Male Table and PUB-2010 Headcount Weighted Safety Employee Female Table. The tables use ages set forward one year and mortality improvements to all future years after 2010 using scale MP-2018. These are the same mortality rates used for Special Risk Class members in the July 1, 2019 actuarial valuation of the Florida Retirement System.

The actuarial assumptions used in the October 1, 2020 valuation were based on an experience study for the seven years ended September 30, 2019.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 4 – NET PENSION LIABILITY (CONTINUED)

ACTUARIAL ASSUMPTIONS (CONTINUED)

The following actuarial assumptions were updated effective October 1, 2020:

- The discount rate was lowered from 6.75% to 6.625%.
- The amortization period was decreased from 20 years to 19 years. This amortization period will be lowered by 1 year each year until a 15-year amortization period is attained.
- It is assumed that 75% of DROP members as of October 1, 2020, would elect to extend the DROP participation and pay retroactive and future member contributions.
- All future projected normal retirements are assumed to participate in the DROP for seven years.
- The assumed delay in the COLA start date for future DROP retirees for benefits accrued after October 4, 2016 is extended for an additional year since the COLA on these benefits does not apply until the member separates from City employment.
- The assumed retirement rates were changed to reflect the proposed change in the maximum DROP participant period and the benefit cap.

DISCOUNT RATE

The discount rate used to measure the total pension liability was 6.625%. This is the single rate that reflects the long-term expected rate of return on pension plan investments expected to be used to finance the payment of benefits. The projection of cash flows used to determine the discount rate assumed that plan member contributions are made at the current contribution rate and that City contributions will be made for the actuarially determined contribution. Based on those assumptions, the pension plan's fiduciary net position is projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments is applied to all periods of projected benefit payments to determine the total pension liability. For purposes of this determination it is understood that pension plan assets are expected to be invested using a strategy to achieve the net discount rate.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO FINANCIAL STATEMENTS

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

NOTE 4 – NET PENSION LIABILITY (CONTINUED)

SENSITIVITY OF THE NET PENSION LIABILITY TO CHANGES IN THE DISCOUNT RATE

The following table presents the net pension liability calculated using the current discount rate of 6.625%, as well as what the net pension liability would be if it were calculated using a discount rate that is one percentage point lower (5.625%) or one percentage point higher (7.625%) than the current rate:

	1% Decrease (5.625%)	Current Discount Rate (6.625%)	1% Increase (7.625%)
Net Pension Liability	\$ 55,425,474	\$ 36,606,434	\$ 15,716,055

REQUIRED SUPPLEMENTARY INFORMATION

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM
REQUIRED SUPPLEMENTARY INFORMATION
SCHEDULE OF CHANGES IN THE CITY NET PENSION LIABILITY AND RELATED RATIOS
LAST EIGHT FISCAL YEARS

Measurement Date, September 30,	Fiscal Year							
	2021	2020	2019	2018	2017	2016	2015	2014
Total Pension Liability								
Service cost	\$ 3,992,364	\$ 3,280,458	\$ 2,996,276	\$ 2,325,806	\$ 2,278,992	\$ 4,161,533	\$ 4,116,670	\$ 4,215,639
Interest	12,761,659	12,697,183	12,125,368	12,106,606	11,308,126	16,394,667	19,332,804	16,854,289
Changes in excess State contributions	--	--	--	--	--	(1,741,230)	659,168	1,406,983
Changes of benefit terms	(1,504,875)	19,307	--	--	--	(1,121,765)	(347,798)	--
Differences between expected and actual experience	1,108,003	89,257	2,766,907	(2,577,793)	4,638,688	1,568,118	(2,020,566)	--
Contributions - buyback	--	--	--	--	--	32,218	34,696	128,140
Changes of assumptions	2,485,078	(772,154)	4,551,070	11,883,072	--	7,407,717	--	--
Benefit payments, including refunds	(8,095,579)	(8,609,757)	(8,554,086)	(8,434,482)	(8,148,762)	(13,532,591)	(13,282,705)	(12,180,870)
Net Change in Total Pension Liability	10,746,650	6,704,294	13,885,535	15,303,209	10,077,044	13,168,667	8,492,269	10,424,181
Total Pension Liability - Beginning	189,117,045	182,412,751	168,527,216	153,224,007	143,146,963	238,707,736	230,215,467	219,791,286
Total Pension Liability - Ending (a)	\$ 199,863,695	\$ 189,117,045	\$ 182,412,751	\$ 168,527,216	\$ 153,224,007	\$ 251,876,403	\$ 238,707,736	\$ 230,215,467
Plan Fiduciary Net Position								
Contributions:								
Employer	\$ 7,798,004	\$ 6,941,701	\$ 6,452,812	\$ 4,374,387	\$ 5,721,499	\$ 10,789,457	\$ 10,837,369	\$ 9,057,075
Plan members	1,242,141	1,119,504	1,044,994	991,333	903,846	1,806,021	1,634,828	1,594,712
State	1,201,496	1,109,338	1,129,759	1,074,825	1,134,704	1,909,358	1,896,237	1,951,084
Net investment income (loss)	30,223,771	10,124,131	4,988,434	8,602,179	10,685,983	13,455,717	(1,922,565)	14,082,413
Other income	--	--	--	--	--	150,647	22,903	--
Equity allocation from Legacy Pension Fund	--	--	--	--	88,447,892	--	--	--
Benefit payments, including refunds	(8,095,579)	(8,609,757)	(8,554,086)	(8,434,482)	(8,148,762)	(13,532,591)	(13,282,705)	(12,180,870)
Administrative expense	(141,002)	(142,338)	(160,131)	(111,297)	(146,391)	(245,221)	(231,434)	(232,362)
Net Change in Plan Fiduciary Net Position	32,228,831	10,542,579	4,901,782	6,496,945	98,598,771	14,333,388	(1,045,367)	14,272,052
Plan Fiduciary Net Position - Beginning	131,028,430	120,485,851	115,584,069	109,087,124	10,488,353	153,260,618	154,305,985	140,033,933
Plan Fiduciary Net Position - Ending (b)	\$ 163,257,261	\$ 131,028,430	\$ 120,485,851	\$ 115,584,069	\$ 109,087,124	\$ 167,594,006	\$ 153,260,618	\$ 154,305,985
Net Pension Liability - Ending (a)-(b)	\$ 36,606,434	\$ 58,088,615	\$ 61,926,900	\$ 52,943,147	\$ 44,136,883	\$ 84,282,397	\$ 85,447,118	\$ 75,909,482
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	81.7%	69.3%	66.1%	68.6%	71.2%	66.5%	64.2%	67.0%
Covered Payroll	\$ 12,490,811	\$ 12,193,590	\$ 11,003,736	\$ 10,494,232	\$ 8,954,177	\$ 19,643,308	\$ 18,107,436	\$ 16,474,658
Net Pension Liability as a Percentage of Covered Payroll	293.1%	476.4%	562.8%	504.5%	492.9%	429.1%	471.9%	460.8%

Notes to Schedule:

Information prior to fiscal year 2014 is not available.

Prior to 2017 the Firefighters' and Police Officers' Retirement Systems were operated as a single plan covering both employee groups. The City adopted Ordinance No. 17-16 effective October 1, 2016, that established a separate pension plan for firefighters and a separate pension plan for police officers. Information for 2016 and prior years is for the combined pension plan.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

REQUIRED SUPPLEMENTARY INFORMATION

SCHEDULE OF CITY CONTRIBUTIONS

LAST EIGHT FISCAL YEARS

Fiscal Year Ended September 30,	Actuarially Determined Contribution	Actual Contribution	Contribution Deficiency (Excess)	Covered Payroll	Contribution as a Percentage of Covered Payroll
2021	\$ 8,927,763	\$ 8,999,500	\$ (71,737)	\$ 12,490,811	72.0%
2020	8,451,577	8,051,039	400,538	12,193,590	66.0%
2019	7,582,571	7,582,571	--	11,003,736	68.9%
2018	6,538,017	5,449,212	1,088,805	10,494,232	51.9%
2017	5,332,347	6,856,203	(1,523,856)	8,954,177	76.6%
2016	11,294,379	11,294,379	--	19,643,308	57.5%
2015	11,293,235	11,342,291	(49,056)	18,107,436	62.6%
2014	9,209,334	9,561,997	(352,663)	16,474,658	58.0%

Notes to Schedule:

Information prior to fiscal year 2014 is not available.

Prior to 2017 the Police Officers' and Firefighters' Retirement Systems were operated as a single plan covering both employee groups. The City adopted Ordinance No. 17-16 effective October 1, 2016, that established a separate pension plan for police officers and a separate pension plan for firefighters. Information for 2016 and prior years is for the combined pension plan.

Actual contribution for 2017 and later years is based on the City contribution plus \$1,206,994 of the State contribution per the City's pension ordinance.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO SCHEDULE OF CITY CONTRIBUTIONS (CONTINUED)

Actuarial valuation date October 1, 2019

Contribution Fiscal Year September 30, 2021

Note: Actuarially determined contribution rates are calculated at October 1, two years prior to the end of the fiscal year in which the contributions are reported.

ACTUARIAL METHODS AND ASSUMPTIONS USED TO DETERMINE CONTRIBUTION RATES

Actuarial cost method Entry Age Normal

Amortization method Level Dollar, Closed

Remaining amortization period 20 years

Asset valuation method 4 year smoothed

Inflation 2.5% per year

Salary increases (with inflation) 8.25% per year for first 4 years, 7.75% for years 5-9, 5.75% for years 10-14, 5.0% for years 15-19 and 4.5% thereafter.

Investment rate of return 6.75% per year compounded annually, net of expenses, with inflation

Cost of living adjustments 1.0% per year for those that retire after 10/1/1993

Retirement age *For members hired before October 4, 2016:*
25% retire on normal retirement date; 17.5% retire each of the next two years; 25% retire in the third year; 40% retire in the fourth year; and 100% retire in the fifth year following normal retirement date. This assumption is based on the results of an experience study for the seven years ended September 30, 2019. No early retirement is assumed.
For members hired after October 4, 2016:
20% of those members age 55+ with 10-24 years of service and 100% of members with 25+ years of service.

Mortality *Healthy Lives:*
PUB-2010 Headcount Weighted Safety Below Median Male Table and PUB-2010 Headcount Weighted Safety Employee Female Table. The tables use ages set forward one year and mortality improvements to all future years after 2010 using scale MP-2018.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO SCHEDULE OF CITY CONTRIBUTIONS (CONTINUED)

ACTUARIAL METHODS AND ASSUMPTIONS USED TO DETERMINE CONTRIBUTION RATES (CONTINUED):

Mortality (continued)

Disabled Lives:

80% of the PUB-2010 Headcount Weighted General Disabled Retiree Male Table and Female Table and 20% of the PUB-2010 Headcount Weighted Safety Disabled Retiree Male Table and Female Table, both with no provision being made for future mortality improvements.

The assumed rates of mortality were mandated by Chapter 2015-157, Laws of Florida. This law mandates the use of the assumption used in either of the two most recent valuations of the Florida Retirement System (FRS). The above rates are those used for Special Risk Class members in the July 1, 2019 FRS actuarial valuation report. 85% of active deaths are assumed to happen in the line of duty.

Married

100% are assumed married with the husband 3 years older than the wife, for purposes of death-in-service benefits.

Rates of Separation from Active Membership	Years of Service	Sample Ages	Percentage of Active Members Separating Within Next Year
	0 - 1	All Ages	6.50%
	2 - 3	All Ages	5.50%
	4 - 5	All Ages	5.00%
	6 - 7	All Ages	3.75%
	8 - 9	All Ages	3.50%
	10+	0 - 34	1.50%
	10+	35 - 39	1.50%
	10+	40 - 44	1.00%
	10+	45+	1.00%

Disability Rate

Age	Percentage Disabled During the Year
20	0.07%
30	0.09%
40	0.15%
50	0.50%

Payroll Growth:

1.17% (limited in compliance with Part VII of Chapter 112, Florida Statutes, to the actual ten-year payroll growth average as determined in 2014 and maintained for future valuations).

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO SCHEDULE OF CITY CONTRIBUTIONS (CONTINUED)

CHANGES OF BENEFIT TERMS

1. For the 2015 fiscal year, amounts reported as changes of benefit terms resulted from adoption of Ordinance 17-16 with an effective date of October 1, 2016, which provided that:
 - A. Member contributions will be 9.0% of earnings until the member has reached 25 years of continuous service.
 - B. For firefighters who are employed on September 8, 2016 and have less than 20 years of continuous service as of that date, the following shall apply:
 1. For service earned on and after September 8, 2016, the benefit multiplier shall be 3.0% per year of continuous service.
 2. The benefit accrued prior to September 8, 2016 shall be based on whether or not the member elected the enhanced multiplier and the number of years of continuous service at retirement.
 - a. For those electing the enhanced multiplier and retiring with 20 or more years of continuous service, the benefit multiplier for service accrued prior to the September 8, 2016 will be 3.5%, subject to a maximum benefit of 87.5% of average final compensation.
 - b. For those electing the enhanced multiplier and retiring with less than 20 years of continuous service, the benefit multiplier for service accrued prior to September 8, 2016 will be 2.5%.
 - c. For those not electing the enhanced multiplier (or hired on or after April 9, 2013) and retiring with 20 years or more of continuous service, the benefit multiplier shall be 3.0% for service prior to September 8, 2016.
 - d. For those not electing the enhanced multiplier (or hired on or after April 9, 2013) and retiring with less than 20 years of continuous service, the benefit multiplier shall be 2.5% for service prior to September 8, 2016.
 3. The maximum annual starting benefit shall be \$100,000, increased annually by 2.0%, beginning October 1, 2016.
 - C. For firefighters who are employed on September 8, 2016 and have less than 10 years of service as of the effective date, earnings shall mean base wages paid to the member including state education compensation, fire career education compensation per fiscal year earned through effective date, but excluding overtime earned after the effective date, bonuses and other payments.
 - D. For firefighters hired on and after September 8, 2016:
 1. Average monthly earnings shall mean one sixtieth of the arithmetical average for the highest 5 years of the last 10 years preceding the actual retirement or termination date.
 2. Earnings shall mean basic wages paid to the member including state education compensation, firefighters career education compensation, but excluding overtime compensation, bonuses and other payments.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO SCHEDULE OF CITY CONTRIBUTIONS (CONTINUED)

ACTUARIAL METHODS AND ASSUMPTIONS USED TO DETERMINE CONTRIBUTION RATES (CONTINUED):

CHANGES OF BENEFIT TERMS (CONTINUED)

3. The normal retirement date shall be the earlier of:
 - a. 25 years of continuous service regardless of age.
 - b. Age 55 and the completion of 10 years of continuous service.
4. The normal retirement benefit shall be 2.75% of average monthly earnings for each year of continuous service, subject to a maximum annual starting benefit of \$100,000 and further subject to a maximum benefit of 75.0% of average earnings, provided that the benefit must be at least 2.0% of average monthly earnings for each year of continuous service.
 - E. As of the effective date, no further benefit enhancement or benefit adjustment shall be paid to firefighters, other than the 2.0% per year benefit increase.
2. Upon adoption of Ordinance No. 17-16, effective for the September 30, 2016 measurement date, the following changes were effective for the Firefighters' Retirement System:
 - A. The multiplier for Firefighters without an enhanced multiplier increased from 2.5% to 3% and the maximum benefit was limited to \$100,000, increased 2% per year.
 - B. Firefighters will contribute 9.0% of earnings to the Plan.
3. The Valuation Reports reflects and amendment adopted on May 18, 2021, which incorporates the following changes in plan provisions:
 - A. Deferred Retirement Option Plan (DROP): Effective May 18, 2021, a member is eligible to participate in the DROP for a maximum of eight years (formally five years) and no later than the attainment of 38 years of service (formally 30 years). DROP participants on or after May 18, 2021 contribute 4% of pensionable salary while participating in the DROP. DROP members on May 18, 2021 have the option to elect to extend their maximum DROP participation to eight years. DROP members who elected to extend their maximum DROP participation need to contribute 4% of pensionable salary retroactive to their DROP entry dates.
 - B. The benefit caps of 75% of average monthly earning for members who did not elect the enhanced multiplier and 87.5% of average monthly earning for members who elected the enhanced multiplier do not apply for members who retire or enter the DROP on or after the effective date. The benefit is subject to a maximum of 30 years of credited service. The maximum annual benefit of \$100,000, increased annually by 2% each October 1 starting October 1, 2016, still applies.
1. In addition to the changes related to the adoption of Ordinance No. 17-16, effective for the September 30, 2016 measurement date, the following actuarial change was effective for the Firefighters' Retirement System:
 - A. As mandated by Chapter 2015-157, Laws of Florida, the assumed rates of mortality were changed from the RP-2000 Generational Tables to the mortality tables for special risk employees used by the Florida Retirement System actuary in the July 1, 2015 actuarial valuation.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

NOTES TO SCHEDULE OF CITY CONTRIBUTIONS (CONTINUED)

ACTUARIAL METHODS AND ASSUMPTIONS USED TO DETERMINE CONTRIBUTION RATES (CONTINUED):

CHANGES OF ACTUARIAL ASSUMPTIONS AND METHODS

2. Effective October 1, 2017, the discount rate was lowered from 8.0% to 7.25%. The mortality assumption for active members prior to retirement was revised in accordance with a revision to the active member pre-retirement mortality assumption used by the Florida Retirement System (FRS) in their July 1, 2016 actuarial valuation.
3. Effective October 1, 2018, the discount rate was lowered from 7.25% to 7.0%.
4. Effective October 1, 2019, the discount rate was lowered from 7.0% to 6.75%. The rate of salary increase was changed from 5.0% - 6.25% to 4.5% - 8.25%. The mortality assumption was revised in accordance with the assumption used by FRS. The benefit provisions were changed in compliance with Florida Statutes Chapter 112.1816 to provide that firefighters diagnosed with certain cancers are presumed to have contracted those cancers while in the line of duty for purposes of determining disability and death benefit changes, the proportion of firefighter disabilities and pre-retirement deaths that are assumed to be service connected (versus non-service connected) was increased from 75% to 85. Rates of retirement for employees hired after October 4, 2016 were added to be 20% of those members age 55+ with 10-24 years of service and 100% of members with 25+ years of service. Rates of termination were changed from 0%-12% based on age to 1.0%-6.5% based on years of service and/or age.
5. Effective October 1, 2020, the discount rate was lowered from 6.75% to 6.625%. The amortization period was decreased from 20 years to 19 years. This amortization period will be lowered by 1 year each year until a 15-year amortization period is obtained. It was assumed that 75% of DROP members as of October 1, 2020 would elect to extend the DROP participation and pay retroactive and future member contributions. They were assumed to remain in the DROP for the maximum of eight years. All future project normal retirements are assumed to participate in the DROP for seven year. The assumed delay in the COLA start date for future DROP retirees for benefits accrued after October 4, 2016 is extended for an additional year since the COLA on these benefits does not apply until the member separates from City employment. The assumed retirement rates were changed to reflect the proposed change in the maximum DROP participation period and the benefit cap.

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

REQUIRED SUPPLEMENTARY INFORMATION

SCHEDULE OF INVESTMENT RETURNS

LAST EIGHT FISCAL YEARS

<u>Fiscal Year Ended September 30,</u>	<u>Annual Money Weighted Rate of Return, Net of Investment Expenses</u>
2021	23.40 %
2020	8.26 %
2019	4.39 %
2018	8.01 %
2017	10.78 %
2016	8.86 %
2015	(1.23)%
2014	9.32 %

Notes to Schedule:

Information prior to fiscal year 2014 is not available.

Prior to 2017 the Police Officers' and Firefighters' Retirement Systems were operated as a single plan covering both employee groups. The City adopted Ordinance No. 17-16 effective October 1, 2016, that officers and a separate pension plan for firefighters. Information for 2016 and prior years is for the combined pension plan.

OTHER SUPPLEMENTARY INFORMATION

CITY OF DELRAY BEACH FIREFIGHTERS' RETIREMENT SYSTEM

SCHEDULE OF INVESTMENT AND ADMINISTRATIVE EXPENSES

FOR THE FISCAL YEAR ENDED SEPTEMBER 30, 2021

	Defined Benefit Pension Plan	Deferred Retirement Option (DROP) Pension Plan	Total Pension Trust Funds
Investment Expenses			
Investment manager fees	\$ 652,044	\$ 2,286	\$ 654,330
Total Investment Expenses	\$ 652,044	\$ 2,286	\$ 654,330
Administrative Expenses			
Actuarial fees	\$ 38,429	\$ --	\$ 38,429
Audit fees	20,200	--	20,200
City administration	50,993	--	50,993
Fiduciary liability insurance	14,481	--	14,481
Legal fees	15,712	--	15,712
Office expenses	1,187	--	1,187
Total Administrative Expenses	\$ 141,002	\$ --	\$ 141,002

REPORTING SECTION

INDEPENDENT AUDITOR’S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

To the Board of Trustees and Pension Administrator
City of Delray Beach Firefighters’ Retirement System

We have audited, in accordance with U.S. generally accepted auditing standards and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the City of Delray Beach Firefighters’ Retirement System (the “Plan”), as of and for the fiscal year ended September 30, 2021, and the related notes to the financial statements, which collectively comprise the financial statements of the Plan, and have issued our report thereon dated June 7, 2022.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Plan’s internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the internal control of the Plan. Accordingly, we do not express an opinion on the effectiveness of the internal control of the Plan.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. *A material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity’s financial statements will not be prevented, or detected and corrected on a timely basis. *A significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the financial statements of the Plan are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Marcum LLP

West Palm Beach, Florida

June 7, 2022