

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN
A PENSION TRUST FUND OF THE CITY OF MIAMI BEACH, FLORIDA
FINANCIAL STATEMENTS AND ACCOMPANYING INFORMATION
FOR THE YEAR ENDED SEPTEMBER 30, 2017

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

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INDEPENDENT AUDITORS' REPORT

INDEPENDENT AUDITORS' REPORT

To the Board of Trustees and Plan Administrator
Miami Beach Employees' Retirement Plan

Report on the Financial Statements

We have audited the accompanying financial statements of the Miami Beach Employees' Retirement Plan (the Plan), which comprise the statement of fiduciary net position as of September 30, 2017 and the related statement of changes in fiduciary net position for the year then ended, and the related notes to the financial statements.

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 respective financial position of the Plan as of September 30, 2017, and the respective changes in financial position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Prior Year Comparative Information

We have previously audited the Miami Beach Employees' Retirement Plan's 2016 financial statements, and our report dated March 14, 2017, expressed an unmodified opinion on those financial statements. In our opinion, the summarized comparative information presented herein as of and for the year ended September 30, 2016, is consistent, in all material respects, with the audited financial statements from which it has been derived.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, schedule of changes in the city's net pension liability and related ratios, schedule of city contributions, and schedule of investment returns on pages 4–8 and 26–28 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.

Supplementary Information

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The schedule of investment expenses and the schedule of administrative expenses are presented for purposes of additional analysis and are not a required part of the financial statements. The schedule of investment expenses and the schedule of administrative expenses are the responsibility of management and were derived from and relate 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 supplementary information 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 February 23, 2018 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 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

Miami, FL
February 23, 2018

MANAGEMENT'S DISCUSSION AND ANALYSIS

Management's Discussion and Analysis
(Required Supplementary Information)

September 30, 2017

Our discussion and analysis of the Miami Beach Employees' Retirement Plan's (the Plan) financial performance provides an overview of the Plan's financial activities and funding conditions for the fiscal year ended September 30, 2017 compared to the fiscal year ended September 30, 2016. Its purpose is to provide explanations and insights into the information presented in the financial statements, notes to the financial statements and required supplementary information. Please read it in conjunction with the Plan's financial statements, which follows this discussion.

Financial Highlights

- The Plan assets exceeded its liabilities at the close of fiscal years ended September 30, 2017 and 2016 by \$616,624,226 and \$554,933,714, respectively (reported as net position held in trust for pension benefits).
- For the fiscal year ended September 30, 2017, liabilities decreased by \$98,548 (or 70%) from the fiscal year ended September 30, 2016.
- For the fiscal year ended September 30, 2017, City contributions to the Plan, increased \$1,574,246 (or 6%).
- For the fiscal year ended September 30, 2017, member contributions including buybacks increased by \$529,539.
- For the fiscal year ended September 30, 2017, the Plan had net investment income of \$70,652,917 compared to a net investment income of \$55,750,683 in the fiscal year ended September 30, 2016.
- For the fiscal year ending September 30, 2017, administrative expenses decreased by \$32,348 (or 4%).

Plan Highlights

As of September 30, 2017, the total return of the Plan's portfolio was 12.9% and ranked in the 32nd percentile of the universe of total funds, 1.1% above the benchmark return of 11.8%. During fiscal year 2016, the total return of the Plan's portfolio was 11.3%, and ranked in the 19th percentile of the universe of total funds, .7% above the benchmark return of 10.6%.

Description of the Financial Statements

The *Statement of Fiduciary Net Position* presents information that includes all of the Plan's assets plus deferred outflows of resources and liabilities plus deferred inflows of resources, with the difference between the two reported as net position held in trust for pension benefits. It is a snapshot of the financial position of the Plan at that specific point in time and reflects the resources available to pay members, retirees and beneficiaries at that point in time. There were no deferred outflows/inflows at September 30, 2017 or 2016.

The *Statement of Changes in Fiduciary Net Position* reports how the Plan's net position changed during the year. The additions and deductions to net position are summarized in this statement. The additions include contributions to the retirement plan from the City and members and net investment income, which include interest, dividends, investment expenses, and the net appreciation or depreciation in the fair value of investments. The deductions include benefit payments, refunds of member contributions, and administrative expenses.

The *Notes to the Financial Statements* are presented to provide the information necessary for a full understanding of the financial statements. They include additional information not readily evident in the statements themselves such as a description of the Plan, contributions, significant accounting policies, funding policy, and investment risk disclosure.

There are also three *Required Supplementary Schedules* included in this report as required by the Governmental Accounting Standards Board. The schedule of changes in the city's net pension liability and related ratios, schedule of city contributions, and schedule of investment returns are available following the notes to the financial statements.

Additional information is presented as part of Supplementary Information. This section is not required but management has chosen to include it. It includes the Schedules of Investment Expenses and Administrative Expenses. The Schedule of Investment Expenses presents the expenses incurred in managing and monitoring the investments of the Plan and include financial management, consultant, and custodial fees. The Schedule of Administrative Expenses presents the expenses incurred in the administration of the Plan.

Summary of Fiduciary Net Position

The table below shows comparative summary of Fiduciary Net Position:

	2017	2016	Increase (Decrease) 2016 to 2017	
			Amount	Percent
Cash	\$ 846,549	\$ 531,621	\$ 314,928	59%
Receivables	243,425	265,568	(22,143)	(8%)
Investments	612,350,996	551,212,322	61,138,674	11%
Other Assets	<u>3,225,407</u>	<u>3,064,902</u>	<u>160,505</u>	5%
Total assets	616,666,377	555,074,413	61,591,964	11%
Liabilities	<u>42,151</u>	<u>140,699</u>	<u>(98,548)</u>	(70%)
Net position held in trust for pension benefits	<u>\$ 616,624,226</u>	<u>\$ 554,933,714</u>	<u>\$ 61,690,512</u>	11%

- The Plan assets exceeded its liabilities at the close of fiscal years ended September 30, 2017 and 2016 by \$616,624,226 and \$554,933,714 respectively (reported as net position held in trust for pension benefits). Net position is held in trust to meet future benefit payments. The increase of \$61,690,512 and increase of \$47,349,181, for the fiscal years ended September 30, 2017 and 2016, respectively, have resulted primarily from the changes in the contributions and the investment income and losses (market conditions).
- Cash at year ended September 30, 2017 increased by \$314,928 (59%) from the fiscal year ended September 30, 2016 due primarily to the timing and processing of benefit payments.
- Receivables at fiscal year ended September 30, 2017 decreased by \$(22,143) (8%) from the fiscal year ended September 30, 2016 due primarily to a decrease in accrued interest and dividend receivable.
- For fiscal year ended September 30, 2017, the Plan has reported a prepayment of \$3,225,407. This amount represents the October 2018 benefit payments due to retirees which were processed prior to fiscal year end.
- For the fiscal year ended September 30, 2017, liabilities decreased by \$98,548 (or 70%) as compared to September 30, 2016 primarily due to a decrease in accrued expenses.

Summary of Changes in Fiduciary Net Position

The table below shows comparative summary of changes in fiduciary net position:

	2017	2016	Increase (Decrease) 2016 to 2017	
			Amount	Percent
Additions				
Contributions:				
City	\$ 29,358,098	\$ 27,783,852	\$ 1,574,246	6%
Member	7,871,072	7,341,533	529,539	7%
Total contributions	37,229,170	35,125,385	2,103,785	6%
Net investment income	70,652,917	55,750,683	14,902,234	27%
Total additions	<u>107,882,087</u>	<u>90,876,068</u>	<u>17,006,019</u>	19%
Deductions				
Benefits paid	44,576,144	41,900,843	2,675,301	6%
Refund of contributions	905,574	948,535	(42,961)	(5%)
Administrative expenses	709,857	677,509	32,348	5%
Total deductions	<u>46,191,575</u>	<u>43,526,887</u>	<u>2,664,688</u>	6%
Net increase	61,690,512	47,349,181	14,341,331	30%
Net position held in trust for pension benefits at beginning of year	<u>554,933,714</u>	<u>507,584,533</u>	<u>47,349,181</u>	9%
Net position held in trust for pension benefits at end of year	<u>\$ 616,624,226</u>	<u>\$ 554,933,714</u>	<u>\$ 61,690,512</u>	11%

- For the fiscal year ended September 30, 2017, City contributions to the Plan, increased \$1,574,246 (or 6%). Actual City contributions are based primarily on the actuarial valuation and were \$29,358,098 and \$27,783,852 for 2017 and 2016, respectively.
- For the fiscal year ended September 30, 2017, member contributions including buybacks increased by \$529,539. Actual member contributions, including buybacks were \$7,871,072 and \$7,341,533 for 2017 and 2016, respectively.
- For the fiscal year ended September 30, 2017, the Plan had net investment income of \$70,652,917 compared to a net income of \$55,750,683 in the fiscal year ended September 30, 2016. Actual results were \$68,123,419 and 51,520,871 in net appreciation in fair value of investments for 2017 and 2016, respectively, \$4,474,648 and \$5,489,593 of income from interest and dividends, respectively. Investment expenses increased by \$685,369 due to itemization of investment expenses previously captured in the fund's net appreciation (depreciation) in fair value of investments for the Plan's real estate investment. Such detailed information is not available for fiscal year ended September 30, 2016.
- For the fiscal year ended September 30, 2017, the Plan's benefit paid increased \$2,675,301 (6%) as compared to fiscal year ended September 30, 2016, due to an annual Cost of Living Adjustment and new Retirees receiving benefits at a higher rate than deceased retirees.

The Plan's investment activities, measured as of the end of any month, quarter or year, is a function of the underlying marketplace for the period measured and the investment policy's asset allocation. The benefit payments are a function of changing payments to retirees, their beneficiary (if the retiree is deceased) and new retirements during the period.

Asset Allocation

At September 30, 2017, the domestic equity portion, excluding the DROP mutual funds, comprised 37.8% (\$225,348,705) of the total portfolio. The allocation to fixed income securities was 26.7% (\$159,047,570), while real estate comprised 10.7% or (\$63,882,104). The allocation to international equity including emerging markets was 17.8% (\$105,624,289) and infrastructure investments was 7% (\$41,952,966) of the total portfolio. The current allocation to cash is \$395,150.

At September 30, 2016, the domestic equity portion, excluding the DROP mutual funds, comprised 42% (\$224,113,565) of the total portfolio. The allocation to fixed income securities was 30% (\$162,270,704), while real estate comprised 12% or (\$61,908,042). The allocation to international equity including emerging markets was 16% (\$88,174,289) of the total portfolio. The current allocation to cash is \$885,346.

The target asset allocation and actual allocation (excluding DROP) as of September 30, is as follows:

	<u>2017</u>		<u>2016</u>	
	<u>Target %</u>	<u>Actual</u>	<u>Target %</u>	<u>Actual</u>
Domestic equities	39%	37.8%	43%	41.7%
Fixed income securities	28%	26.7%	31%	30.2%
International equities	16%	17.7%	16%	16.5%
Real estate	10%	10.7%	10%	11.5%
Infrastructure	7%	7.0%	0%	0.0%
Cash	0%	0.1%	0%	0.1%
		<u>100%</u>		<u>100%</u>

Contacting the Plan's Financial Management

This financial report is designed to provide the Board of Trustees, our membership, taxpayers, investors, and creditors with a general overview of the Plan finances and to demonstrate accountability for the monies the Plan manages. If you have any questions about this report or need additional financial information, contact Miami Beach Employees' Retirement Plan, 1700 Convention Center Drive, Miami Beach, Florida 33139.

FINANCIAL STATEMENTS

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

STATEMENT OF FIDUCIARY NET POSITION

SEPTEMBER 30, 2017

(WITH COMPARATIVE TOTALS AS OF SEPTEMBER 30, 2016)

	<u>2017</u>	<u>2016</u>
Assets		
Cash	\$ 846,549	\$ 531,621
Receivables		
Accrued interest and dividends	--	27
DROP notes receivable	<u>243,425</u>	<u>265,541</u>
Total Receivables	<u>243,425</u>	<u>265,568</u>
Investments		
Short term investment funds	395,150	885,346
Domestic equities	225,348,705	224,113,565
International equities	105,624,289	88,174,289
Fixed income bond funds	159,047,570	162,270,704
Real estate fund	63,882,104	61,908,042
Infrastructure investments	41,952,966	--
Mutual funds - Deferred Retirement Option Program	<u>16,100,212</u>	<u>13,860,376</u>
Total Investments	<u>612,350,996</u>	<u>551,212,322</u>
Other Assets		
Prepaid benefits	<u>3,225,407</u>	<u>3,064,902</u>
Total Assets	<u>616,666,377</u>	<u>555,074,413</u>
Liabilities		
Accounts payable and accrued expenses	<u>42,151</u>	<u>140,699</u>
Net Position Held in Trust for Pension Benefits	<u>\$ 616,624,226</u>	<u>\$ 554,933,714</u>

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

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

STATEMENT OF CHANGES IN FIDUCIARY NET POSITION

FOR THE YEAR ENDED SEPTEMBER 30, 2017

(WITH COMPARATIVE TOTALS FOR THE YEAR ENDED SEPTEMBER 30, 2016)

	2017	2016
Additions		
Contributions		
City	\$ 29,358,098	\$ 27,783,852
Members	<u>7,871,072</u>	<u>7,341,533</u>
Total Contributions	<u>37,229,170</u>	<u>35,125,385</u>
Investment Income		
Net appreciation in fair value of investments	68,123,419	51,520,871
Interest and dividends	<u>4,474,648</u>	<u>5,489,593</u>
Total Investment Income	72,598,067	57,010,464
Less: investment expenses	<u>1,945,150</u>	<u>1,259,781</u>
Net Investment Income	<u>70,652,917</u>	<u>55,750,683</u>
Total Additions	<u>107,882,087</u>	<u>90,876,068</u>
Deductions		
Benefits paid	44,576,144	41,900,843
Refunds of contributions	905,574	948,535
Administrative expenses	<u>709,857</u>	<u>677,509</u>
Total Deductions	<u>46,191,575</u>	<u>43,526,887</u>
Net Increase	<u>61,690,512</u>	<u>47,349,181</u>
Net Position Held in Trust for Pension Benefits		
Beginning of year	<u>554,933,714</u>	<u>507,584,533</u>
End of year	<u>\$ 616,624,226</u>	<u>\$ 554,933,714</u>

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

NOTES TO FINANCIAL STATEMENTS

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 1 – DESCRIPTION OF THE PLAN

ORGANIZATION

The Miami Beach Employees' Retirement Plan (the Plan) is a single-employer defined benefit pension plan for general employees established by the City of Miami Beach, Florida (the City) effective March 18, 2006. The Miami Beach Employees' Retirement System was created under and by the authority of Chapter 18691, Laws of Florida, Act of 1937, as amended, by merging the "Retirement System for General Employees of the City of Miami Beach" created by Ordinance 1901 with the "Retirement System for Unclassified Employees and Elected Officials of the City of Miami Beach" created by Ordinance 88-2603, as amended. Since the Plan is sponsored by the City, the Plan is included as a pension trust fund in the City's comprehensive annual financial report as part of the City's financial reporting entity.

Classified employees in the Plan are segregated into three unions and into a category called "Others": American Federation of State, County and Municipal Employees (AFSCME), Communications Workers of America (CWA) and Government Supervisors Association of Florida (GSAF). Unclassified and Others employees are not represented by a bargaining unit.

The Plan is administered by a nine member Board of Trustees (Trustees) comprised of four members appointed by the City Manager, three members elected by/from the general employee members, and two general employee retirees elected by the retired members of the Plan.

The following brief description of the Plan is provided for general information purposes only. Members should refer to the Plan document for more detailed and comprehensive information.

MEMBERS

Members are all full-time employees, classified and unclassified positions, who work more than 30 hours per week except for police officers and firefighters and persons who elected to join the defined contribution retirement plan sponsored by the City.

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 1 – DESCRIPTION OF THE PLAN (CONTINUED)

MEMBERSHIP

Membership consisted of the following as of October 1, 2016, the date of the latest actuarial valuation:

Inactive plan members and beneficiaries currently receiving benefits	1,037
Inactive plan members entitled but not yet receiving benefits	207
Active plan members	<u>1,166</u>
Total Members	<u><u>2,410</u></u>

PENSION BENEFITS

The Plan provides for retirement benefits as well as death and disability benefits at three different tiers depending on when the members entered the Plan.

The First Tier is for members that entered the Plan prior to the Second Tier Dates. The Second Tier is for members that entered the Plan on or after the Second Tier Dates, but before the Third Tier Dates. The Third Tier is for members that entered the Plan on or after the Third Tier Dates. Both the Second Tier and Third Tier Dates were established when each of the unions bargained with the City to establish new guidelines for retirement benefits relating to employees associated with their Unions. The Second Tier Dates are April 30, 1993 for members of AFSCME; August 1, 1993 for those classified as Other and GSAF, and February 21, 1994 for members of CWA. The Third Tier Dates are September 30, 2010 for members of AFSCME, GSAF and for those classified as other, and October 27, 2010 for members of CWA.

Classified members administered under the First Tier are eligible for normal retirement at age 50 and five years of Creditable Service and are entitled to benefits of 3% of Final Average Monthly Earnings (FAME) multiplied by the first 15 years of Creditable Service plus 4% of FAME multiplied by years of service in excess of 15 years, with the total not to exceed 90% of FAME. First Tier unclassified members accrued 4% for creditable service before October 18, 1992. Unclassified First Tier members accrued 3% per year of service after October 18, 1992, with the total not to exceed 80% of FAME.

Classified and unclassified members administered under the Second Tier are eligible for Normal Retirement at age 55 and five years of creditable service and are entitled to benefits of 3% of FAME multiplied by creditable service, subject to a maximum of 80% of FAME.

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 1 – DESCRIPTION OF THE PLAN (CONTINUED)

PENSION BENEFITS (CONTINUED)

Classified and unclassified members administered under the Third Tier are eligible for Normal Retirement at age 55 with at least 30 years of creditable service, or age 62 with at least five years of creditable service and are entitled to benefits of 2.5% of FAME multiplied by creditable service, subject to a maximum of 80% of FAME.

For elected officials, City Manager or City Attorney, the benefit is 4% of FAME for each year of creditable service as an elected official, city manager or city attorney plus the retirement benefit as defined above for any other period of city employment, subject to a maximum of 80% of FAME.

FAME means one-twelfth of the average annual earnings during the highest two paid years of credible service. For Unclassified First Tier members who became a member prior to October 18, 1992 and were continuously a member from that date until March 18, 2006,

FAME is defined as the larger of one-twelfth average covered salary during the two highest paid years of creditable service or one-twelfth of the pay of the year immediately preceding March 18, 2006. Effective as of September 30, 2010, FAME for members who have obtained normal retirement age or are within 24 months from normal retirement age is defined as average covered salary during the two highest paid years of creditable service. FAME for those members who as of September 30, 2010 are between 24 and 36 months from normal retirement age is defined as average covered salary during the three highest paid years of creditable service. FAME for those members who as of September 30, 2010 are between 36 and 48 months from normal retirement age is defined as average covered salary during the four highest paid years of creditable service. FAME for those members who as of September 30, 2010 are more than 48 months from normal retirement age is defined as average covered salary during the five highest paid years of creditable service.

FUNDING REQUIREMENTS

Member Contributions

All First Tier members who participate are required to contribute 12% of their covered salary to the Plan. All Second and Third Tier members are required to contribute 10% of their covered salary.

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 1 – DESCRIPTION OF THE PLAN (CONTINUED)

FUNDING REQUIREMENTS (CONTINUED)

Member Contributions (continued)

Any First Tier member who terminates employment may either request a refund of their own contributions plus interest, or receive their accrued benefit beginning at age 50, if at least five years of creditable service are completed. Any Second Tier member who entered on or after the Second Tier Date and who terminates employment after five years of creditable service may either request a refund of their own contributions plus interest or receive their accrued benefit beginning at age 55. Any Third Tier member who entered on or after the Third Tier Date and who terminates employment after five years of creditable service but prior to the normal or early retirement date shall be eligible to receive a normal retirement benefit at age 62.

City Contributions

The City is to contribute such amounts as are necessary to maintain the actuarial soundness of the Plan and to provide the Plan with assets sufficient to meet the benefits to be paid to the members. The City also provides indirect administrative support such as office space and utilities.

INVESTMENTS

The Plan has contracts with investment managers who supervise and direct the investment of equity and fixed income securities. In addition, the Plan utilizes an investment advisor who monitors the investing activity. The investments owned are held by a custodian in the name of the Plan. The Plan provides for investments in U.S. Government securities, money market funds, bonds, notes, common stock, international securities, real estate investment trust funds and global infrastructure investments.

DEFERRED RETIREMENT OPTION PROGRAM (DROP)

A DROP was enacted on January 28, 2009 by Ordinance 2009-3626. Under this Program, the amount of the benefit is calculated as if the participant had retired on the date of DROP commencement. First and Second Tier members who have attained eligibility for Normal Retirement may continue working with the City for up to three years, while receiving a retirement benefit that is deposited into a DROP account. Third Tier members may participate in a DROP account for up to five years. Effective July 17, 2013, members within classifications in the CWA bargaining unit who were hired prior to October 27,

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 1 – DESCRIPTION OF THE PLAN (CONTINUED)

DEFERRED RETIREMENT OPTION PROGRAM (DROP) (CONTINUED)

2010, and members not included in any bargaining unit who were hired prior to September 10, 2010, may elect to retire for the purposes of the Program but continue employment with the City for up to sixty months, and have their monthly retirement benefit paid into a DROP account during the DROP period. Effective October 1, 2013, any member within classifications in the GSAF bargaining may elect to retire for the purposes of the Program but continue employment with the City for up to sixty (60) months, and have their monthly retirement paid into a DROP account during the DROP period. Effective April 23, 2014, members within classifications in the AFSCME bargaining unit who were hired prior to September 30, 2010, may elect to retire for the purposes of the Plan but continue employment with the City for up to sixty (60) months, and have their monthly retirement benefit paid into a DROP account during the DROP period.

A series of investment vehicles which are established by the Board of Trustees are made available to DROP participants to choose from. Any losses, charges, or expenses incurred by the participant in their DROP account are not made up by the City or the Plan, but shall be borne by the participant. Upon termination of employment, a member may receive distributions in accordance with the DROP.

A DROP participant is not entitled to receive an ordinary or service disability retirement and in the event of death of a DROP participant, there is no accidental death benefit for pension purposes. DROP participation does not affect any other death or disability benefit provided to a member under federal law, state law, City ordinance, or any rights or benefits under any applicable collective bargaining agreement.

As of September 30, 2017, there were 129 members in the DROP and the fair value of DROP investments were \$16,100,212 which is included in the investments in the statement of fiduciary net position. The DROP also allows for member loans. Approximately \$244,000 in loans were outstanding as of September 30, 2017.

COST OF LIVING ADJUSTMENT

First and Second Tier members receive an annual cost-of-living adjustment (COLA) of 2.5%. The COLA is not payable while members are in the DROP. For Third Tier members the COLA is 1.5%.

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

BASIS OF ACCOUNTING

The Plan's financial statements are prepared using the accrual basis of accounting. Member contributions are recognized as revenues in the period in which the contributions are due. City contributions are recognized as revenues when due pursuant to actuarial valuations. Benefits and refunds are recognized when due and payable in accordance with the terms of the Plan. Interest income is recorded as earned and dividend income is recorded as of the ex-dividend date.

INVESTMENTS

Investments are reported at fair value except for short-term investments which are reported at amortized cost. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

Net appreciation in fair value of investments includes realized and unrealized gains and losses. Realized gains and losses are determined on the basis of specific cost. Purchases and sales of securities are reflected on a trade-date basis. Interest income is recognized as earned and dividend income is recorded as of the ex-dividend date. Refer to Note 5 for more detail regarding the methods used to measure the fair value of investments.

Given the inherent nature of investments, it is reasonably possible that changes in the value of those investments will occur in the near term and that such changes could materially affect the amounts reported in the statement of fiduciary net position.

USE OF ESTIMATES

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (U.S. GAAP) requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

RISKS AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such change could materially affect the amounts reported in the statement of fiduciary net position. The Plan, through its investment advisor, monitors the Plan's investments and the risks associated therewith on a regular basis, which the Plan believes minimizes these risks.

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

COMPARATIVE INFORMATION

The financial statements include certain prior-year comparative information. Such information does not include sufficient detail to constitute a presentation in conformity with accounting principles generally accepted in the United States of America. Accordingly, such information should be read in conjunction with the Plan's financial statements for the year ended September 30, 2016, from which the information was derived.

NOTE 3 – CONTRIBUTIONS

ACTUARIALLY DETERMINED CONTRIBUTIONS

Effective May 30, 2012, the Division of Retirement mandated that local governments confer with the Plan's actuary to select and maintain a contribution method (percentage of payroll or fixed dollar contributions) that best fits the funding requirements of the Plan. For the years ended September 30, 2017 and 2016, the Plan determined to use the "fixed dollar contribution amount".

The contributions required from the City for the years ended September 30, 2017 and 2016 were actuarially determined using valuation dates of October 1, 2015 and October 1, 2014, respectively.

The actual City contributions for active employees for the years ended September 30, 2017 and 2016 amounted to \$29,358,098 and \$27,783,852, respectively.

NOTE 4 – DEPOSIT AND INVESTMENT RISK DISCLOSURES

CASH

Deposits are carried at cost. Cash reported in the statement of fiduciary net position includes a demand account used for Plan operations.

SHORT-TERM INVESTMENT FUNDS (STIF)

Transactional cash and portfolio assets that are temporarily not invested in authorized, longer term securities may either be directly invested in allowable high-grade short-term fixed income investments or may be "swept" into the Plan's custodial short-term investment (money market) commingled fund. Allowable high-grade, short-term fixed income investments are as follows: certificates of deposit, commercial paper, U.S. Treasury bills and repurchase agreements.

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 4 – DEPOSIT AND INVESTMENT RISK DISCLOSURES (CONTINUED)

INVESTMENT AUTHORIZATION

The Plan's investment policy is determined by the Board of Trustees. The policy has been established to have the greatest expected investment return, and the resulting positive impact on asset values, funded status, and benefits, without exceeding a prudent level of risk. The Trustees are authorized to acquire and retain every kind of property, real, personal or mixed, and every kind of investment specifically including, but not by way of limitation, bonds, debentures, and other corporate obligations, and stocks, preferred or common, which persons of prudence, discretion and intelligence acquire or retain for their own account.

Investment in all equity securities shall be limited to those listed on a major U.S. stock exchange and limited to no more than 60% (at market) of the Plan's total asset value with no more than 5% of an investment manager's equity portfolio invested in the shares of a single corporate issuer. Investments in stocks of foreign companies shall be limited to 25% (at cost) of the value of the portfolio.

The fixed income portfolio shall be comprised of securities rated "BBB-" or higher by Standard & Poor's rating services with no more than 5% of an investment manager's total fixed income portfolio invested in the securities of a single corporate issuer.

TYPES OF INVESTMENTS

Florida statutes and Plan investment policy authorize the Trustees to invest funds in various investments. The current target allocation of these investments at fair value is as follows:

Authorized Investments	Effective August 1, 2017	Prior to August 1, 2017
	Target %	Target %
Domestic equities	39%	43%
Fixed income securities	28%	31%
International equities	16%	16%
Real estate	10%	10%
Infrastructure	7%	0%

RATE OF RETURN

For the year ended September 30, 2017, the annual money-weighted rate of return on pension plan investments, net of pension plan investment expense, was 11.51%. The money-weighted rate of return expresses investment performance, net of investment manager and consultant expenses adjusted for the changing amounts actually invested. Inputs to the internal rate of return calculation are determined on a monthly basis.

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 4 – DEPOSIT AND INVESTMENT RISK DISCLOSURES (CONTINUED)

INTEREST RATE RISK

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment the greater the sensitivity of its fair value to changes in market interest rates. As a means of limiting its exposure to interest rate risk, the Plan diversifies its investments by security type and institution, and limits holdings in any one type of investment with any one issuer with various durations of maturities.

Information about the sensitivity of the fair values of the Plan's investments to market interest rate fluctuations is provided by the following table that shows the distribution of the Plan's investments by maturity at September 30, 2017.

Investment Type	Investment Maturities (in years)				
	Fair Value	Less than 1	1 to 5	6 to 10	More than 10
Fixed income bond funds	\$ 159,047,570	\$ --	\$ 48,026,513	\$ --	\$ 111,021,057

CREDIT RISK

Credit risk is the risk that a security or a portfolio will lose some or all of its value due to a real or perceived change in the ability of the issuer to repay its debt. This risk is generally measured by the assignment of a rating by a nationally recognized statistical rating organization. The Plan's investment policy utilizes portfolio diversification in order to control this risk.

The following table discloses credit ratings by investment type, at September 30, 2017.

	Fair Value	Percent of Portfolio
Quality Rating of Credit Risk Debt Securities:		
AA	\$ 48,026,513	30%
AA-	<u>111,021,057</u>	<u>70%</u>
Total Credit Risk Debt Securities	<u>\$ 159,047,570</u>	<u>100%</u>

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 4 – DEPOSIT AND INVESTMENT RISK DISCLOSURES (CONTINUED)

CONCENTRATION OF CREDIT RISK

The investment policy of the Plan contains limitations on the amount that can be invested in any one issuer as well as maximum portfolio allocation percentages. There were no individual investments that represent 5% or more of fiduciary net position at September 30, 2017.

CUSTODIAL CREDIT RISK

Deposits are exposed to custodial risk if they are uninsured and uncollateralized. Custodial risk for deposits is the risk that, in the event of the failure of a depository financial institution, the Plan will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The Plan's deposits are covered by federal deposit insurance. At September 30, 2017, the Plan had an uninsured cash balance of approximately \$947,000 with one financial institution.

Custodial risk for investments is the risk that, in the event of the failure of the counterparty to a transaction, the Plan will not be able to recover the value of its investment or collateral securities that are in the possession of an outside party. Investment securities are exposed to custodial risk if the securities are uninsured, are not registered in the name of the Plan, and are held either by the counterparty or the counterparty's trust department or agent but not in the Plan's name.

Consistent with the Plan's investment policy, the investments are held by the Plan's custodial banks and registered in the Plan's name.

NOTE 5 – FAIR VALUE HIERARCHY

The Plan categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset as defined below:

Level 1 - Investments' fair values based on prices quoted in active markets for identical assets.

Level 2 - Investments' fair values based on observable inputs for the assets either directly or indirectly, other than those considered Level 1 inputs, which may include quoted prices for identical assets in markets that are not considered to be active, and quoted prices of similar assets in active or inactive markets.

Level 3 - Investments' fair inputs based upon unobservable inputs.

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 5 –FAIR VALUE HIERARCHY (CONTINUED)

The diversity of the investment types in which the Plan has entered into requires a range of techniques to determine fair value. The overall valuation processes and information sources by major investment classification are as follows:

Fixed Income Securities

Fixed income securities consist primarily of bond funds. These securities can typically be valued using the close or last traded price on a specific date (quoted prices in active markets). When quoted prices are not available, fair value is determined based on valuation models that use inputs that include market observable inputs. These inputs included recent trades, yields, price quotes, cash flows, maturity, credit ratings, and other assumptions based upon the specifics of the investment type. Accordingly, these investments have been reported as Level 2.

Equity Securities

These include common stock and domestic and international equity funds. Domestic securities, which include common stock and domestic equity funds, traded on a national securities exchange are valued at the last reported sales price on the last business day of the fiscal year (Level 1). Securities which are not traded on a national security exchange are valued by the respective fund manager or other third parties based on yields currently available on comparable securities of issuers with similar credit ratings or using a matrix pricing technique (Level 2).

Mutual Funds

Mutual funds are held on behalf of participants in the DROP. These mutual funds are priced daily at net asset value (NAV) by the fund sponsor based generally upon the exchange traded last or official closing price of the securities held by the fund.

Real Estate Fund

This investment is composed primarily of real estate investments owned directly or through partnership interests. Estimated fair value of net equity investments in real estate assets is determined by the fund managers at each valuation date. As part of the fund managers' valuation process, properties are externally appraised generally on an annual basis. Property valuations are reviewed by the fund managers quarterly and values are adjusted if there has been a significant change in circumstances related to the investment property since the last valuation. The real estate investment fund requires a 90-day notice for redemption.

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 5 –FAIR VALUE HIERARCHY (CONTINUED)

Infrastructure Investment

The underlying investments of the global infrastructure fund are valued by independent appraisers on an annual basis. Asset valuations and the salient valuation-sensitive assumptions of each interest are reviewed by the adviser and values are adjusted quarterly. The investment reports a NAV per unit outstanding. The NAV is based on the fair value of the underlying investments held by the fund less its liability.

	9/30/2017	Fair Value Measurements Using		
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Equity Securities				
<i>Domestic Equities</i>				
S&P Index	\$ 96,716,034	\$ --	\$ 96,716,034	\$ --
Large Cap Fund PLUS	77,425,463	--	77,425,463	--
Mid-Cap Index Fund	33,488,727	--	33,488,727	--
Small-Cap Index Fund	17,718,481	--	17,718,481	--
<i>International Equities</i>				
International Quality Growth	73,958,148	--	73,958,148	--
Emerging Markets Core	31,666,141	31,666,141	--	--
<i>Mutual Funds (DROP)</i>				
Mutual Fund equities	16,100,212	16,100,212	--	--
Total Equity Securities	347,073,206	47,766,353	299,306,853	--
Fixed Income Bond Funds				
Core Bond Index Fund	48,026,513	--	48,026,513	--
Bond Fund	111,021,057	--	111,021,057	--
Total Fixed Income	159,047,570	--	159,047,570	--
Real Estate Fund				
Strategic Property Fund	63,882,104	--	--	63,882,104
Total Investments at fair value	570,002,880	\$ 47,766,353	\$458,354,423	\$ 63,882,104
Investment measured at the net asset value (NAV)*				
Infrastructure Fund	41,952,966			
Total investment measured at NAV	41,952,966			
Short-term investment fund (exempt)	395,150			
Total investments	\$ 612,350,996			

* As required by GAAP, certain investments that are measured at net asset value have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the total investment line item in the Statement of Fiduciary Net Position.

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 5 –FAIR VALUE HIERARCHY (CONTINUED)

Infrastructure Investment (continued)

The following table summarizes the investment for which fair value is measured using the net asset value per share practical expedient, including its related unfunded commitments and redemption restrictions.

Investment Measured at the NAV	Fair	Unfunded	Redemption	Redemption
	Value	Commitments	Frequency (if	Notice
	<u>Value</u>	<u>Commitments</u>	<u>Currently Eligible)</u>	<u>Period</u>
Infrastructure Fund ¹	<u>\$41,952,966</u>	<u>\$ --</u>	Semi-annual	90 days

¹ This fund is focused on identifying a universe of investments that best meet the portfolio's risk management objectives. This involves the identification of investments that have assets predominantly invested in developed economies. Limits have been applied to country and regional exposure. The return pattern expected from global infrastructure is an inflationary return component plus a substantial premium, as well as competitive performance relative to the S&P Global Infrastructure Index.

NOTE 6 –NET PENSION LIABILITY OF THE CITY

The components of the net pension liability of the City at September 30, 2017:

Total pension liability	\$ 834,047,463
Plan fiduciary net position	<u>(616,624,226)</u>
Net Pension Liability	<u>\$ 217,423,237</u>
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	73.93%

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 6 –NET PENSION LIABILITY OF THE CITY (CONTINUED)

SIGNIFICANT ACTUARIAL ASSUMPTIONS

The total pension liability was determined by an actuarial valuation as of October 1, 2016, rolled forward to September 30, 2017, using the following actuarial assumptions:

Interest rates:

Discount rate	7.65%
Long-term expected rate of return	7.65%

Mortality table	RP-2000 Combined Healthy Participant Mortality Table (for pre-retirement mortality) and the RP-2000 Mortality Table for Annuitants (for post-retirement mortality), with mortality improvements projected to all future years after 2000 using Scale BB.
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LONG-TERM EXPECTED RATE OF RETURN

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation.

Best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of September 30, 2017 are summarized in the following table:

Asset Class	Long-Term Expected Real Rate of Return
Domestic equities	4.67%
Fixed income securities	0.97%
International equities	5.81%
Real estate	3.72%
Infrastructure	5.28%

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

NOTES TO FINANCIAL STATEMENTS

FOR THE YEAR ENDED SEPTEMBER 30, 2017

NOTE 6 – NET PENSION LIABILITY OF THE CITY (CONTINUED)

DISCOUNT RATE

A single discount rate of 7.65% was used to measure the total pension liability. This single discount rate was based on the expected rate of return on pension plan investments of 7.65%. The projection of cash flows used to determine this single discount rate assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on these assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

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

Below is a table providing the sensitivity of the net pension liability to changes in the discount rate. In particular, the table presents the Plan's net pension liability, if it were calculated using a single discount rate that is 1-percentage-point lower or 1-percentage-point higher than the single discount rate:

	1% Decrease 6.65%	Single Discount Rate Assumption 7.65%	1% Increase 8.65%
Net Pension Liability	<u>\$ 319,180,844</u>	<u>\$ 217,423,237</u>	<u>\$ 133,204,815</u>

NOTE 7 – TAX STATUS

The Internal Revenue Service has determined and informed the Trustees by a letter dated October 15, 2014 that the Plan is designed in accordance with applicable sections of the Internal Revenue Code (IRC). Although the Plan has been amended since receiving the determination letter, the Plan administrator and tax counsel believe that the Plan is currently being operated in compliance with the applicable requirements of the IRC.

REQUIRED SUPPLEMENTARY INFORMATION

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

REQUIRED SUPPLEMENTARY INFORMATION

**SCHEDULE OF CHANGES IN THE CITY'S
NET PENSION LIABILITY AND RELATED RATIOS**

September 30,	2017	2016	2015	2014
Total Pension Liability				
Service cost	\$ 13,720,496	\$ 12,906,811	\$ 11,795,411	\$ 12,306,795
Interest	57,800,541	56,164,518	53,832,182	51,809,378
Benefit changes	--	--	(1,277,929)	--
Difference between actual and expected experience	(4,242,257)	(2,210,692)	5,603,144	(278,357)
Assumption changes	52,573,659	11,676,037	11,026,357	--
Benefit payments	(44,576,144)	(41,900,843)	(35,874,016)	(37,501,400)
Refunds	(905,574)	(948,535)	(941,310)	(1,143,866)
Other (change in receivable from excess benefit plan)	--	--	311,076	311,077
Net Change in Total Pension Liability	<u>74,370,721</u>	<u>35,687,296</u>	<u>44,474,915</u>	<u>25,503,627</u>
Total Pension Liability - Beginning	<u>759,676,742</u>	<u>723,989,446</u>	<u>679,514,531</u>	<u>654,010,904</u>
Total Pension Liability - Ending (a)	<u>\$ 834,047,463</u>	<u>\$ 759,676,742</u>	<u>\$ 723,989,446</u>	<u>\$ 679,514,531</u>
Plan Fiduciary Net Position				
Contributions - employer	\$ 29,358,098	\$ 27,783,852	\$ 26,456,580	\$ 25,602,030
Contributions - member	7,871,072	7,341,533	7,310,183	7,373,407
Net investment income	70,646,599	55,818,905	(5,048,406)	51,773,646
Benefit payments	(44,576,144)	(41,900,843)	(35,874,016)	(37,501,400)
Refunds	(905,574)	(948,535)	(941,310)	(1,143,866)
Administrative expense	(703,539)	(677,509)	(706,283)	(668,851)
Other	<u>(68,222)</u>	<u>--</u>	<u>--</u>	<u>--</u>
Net Change in Plan Fiduciary Net Position	<u>61,622,290</u>	<u>47,417,403</u>	<u>(8,803,252)</u>	<u>45,434,966</u>
Plan Fiduciary Net Position - Beginning	<u>555,001,936</u>	<u>507,584,533</u>	<u>516,387,785</u>	<u>470,952,819</u>
Plan Fiduciary Net Position - Ending (b)	<u>\$ 616,624,226</u>	<u>\$ 555,001,936**</u>	<u>\$ 507,584,533</u>	<u>\$ 516,387,785</u>
Net Pension Liability - Ending (a) - (b)	<u>\$ 217,423,237</u>	<u>\$ 204,674,806</u>	<u>\$ 216,404,913</u>	<u>\$ 163,126,746</u>
Plan Fiduciary Net Position as a Percentage of				
Total Pension Liability	73.93%	73.06%	70.11%	75.99%
Covered Employee Payroll*	\$ 77,013,213	\$ 71,863,150	\$ 82,359,302	\$ 76,362,960
Net Pension Liability as a Percentage of Covered Employee Payroll	282.32%	284.81%	262.76%	213.62%

* Expected total covered payroll for the year ending September 30, 2017 was estimated using the expected pensionable payroll from the October 1, 2016 Actuarial Valuation.

** A difference of \$68,222 exists between the above amount and the net position held in trust for pension benefits amount of \$554,933,714 reported in the Statement of Fiduciary Net Position on page 9. The difference is due to an accounting adjustment to Plan receivables made subsequent to the availability of the GASB 67 report provided by the Plan's actuary.

This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, the Plan will present information for those years for which information is available.

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

REQUIRED SUPPLEMENTARY INFORMATION

SCHEDULE OF CONTRIBUTIONS

Year Ending September 30,	Actuarially Determined Contribution	Actual Contribution	Contribution Deficiency (Excess)	Covered Payroll	Actual Contribution as a % of Covered Payroll
2017	\$29,358,098	\$29,358,098	\$ --	\$77,013,213	38.12%
2016	27,783,852	27,783,852	--	71,863,150	38.66%
2015	26,317,983	26,456,580	(138,597)	82,359,302	32.12%
2014	25,602,030	25,602,030	--	76,362,960	33.53%

Notes to Schedule of Contributions

Valuation Date: October 1, 2015
Measurement Date: September 30, 2017
Notes: Actuarially determined contributions are calculated as of October 1, which is two years prior to the end of the fiscal year in which contributions are reported.

Methods and Assumptions Used to Determine Contribution Rates:

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Dollar, Closed
Remaining Amortization Period	30 years
Asset Valuation Method	5-year smoothed market
Inflation	3.00%
Salary Increases	4.5% to 7.0% depending on service, including inflation
Investment Rate of Return	7.70%
Retirement Age	Experience-based table of rates that are specific to the type of eligibility condition.
Mortality	RP-2000 Combined Healthy Participant Mortality Table for males and females with mortality improvements projected after year 2000 to the year 2010 using Scale AA.

This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, the Plan will present information for those years for which information is available.

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

REQUIRED SUPPLEMENTARY INFORMATION

SCHEDULE OF INVESTMENT RETURNS

September 30,	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>
Annual Money-Weighted Rate of Return, Net of Investment Expense	11.51%	9.63%	-2.61%	10.70%

This schedule is presented to illustrate the requirement to show information for 10 years. However, until a full 10-year trend is compiled, the Plan will present information for those years for which information is available.

SUPPLEMENTARY INFORMATION

MIAMI BEACH EMPLOYEES' RETIREMENT PLAN

SUPPLEMENTARY INFORMATION

FOR THE YEAR ENDED SEPTEMBER 30, 2017

(WITH COMPARATIVE TOTALS FOR THE YEAR ENDED SEPTEMBER 30, 2016)

	2017	2016
Schedule "1"		
<u>Schedule of Investment Expenses</u>		
Financial Management Expense	\$ 1,823,309	\$ 1,170,092
Investment Consultant Fees	118,750	71,250
Investment Custodial Fees	--	15,395
DROP Service Fees	3,091	3,044
Total Investment Expenses	\$ 1,945,150	\$ 1,259,781
Schedule "2"		
<u>Schedule of Administrative Expenses</u>		
Personnel Services		
Salaries and payroll taxes	\$ 422,983	\$ 404,163
Professional Services		
Legal	60,000	61,343
Actuarial	41,468	42,764
Audit	23,200	15,309
Bookkeeping	4,200	4,200
Total Professional Services	128,868	123,616
Other		
Education, dues and subscriptions	57,556	58,955
Insurance	51,961	49,541
Property management fees	19,570	14,566
Printing and postage	9,767	7,672
Computer consultant	6,623	1,608
Office supplies	2,833	2,389
IT department computer and phone charges	1,803	8,046
Copier lease and copy fees	1,664	1,967
Medical	1,617	875
Verification services	1,265	1,945
Miscellaneous board of directors' expense	957	1,033
Bank charges	867	--
Office shirts	551	--
Miscellaneous	415	100
Shredding fees	271	264
Storage fees	186	547
UCT Tax	100	--
Replaced check expense	--	167
Advertising RFP	--	55
Total Other	158,006	149,730
Total Administrative Expenses	\$ 709,857	\$ 677,509

See independent auditors' report.

REPORTING SECTION

**INDEPENDENT AUDITORS' 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 Plan Administrator
Miami Beach Employees' Retirement Plan

We have audited, in accordance with the 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, the financial statements of the Miami Beach Employees' Retirement Plan (the Plan), as of and for the year ended September 30, 2017, and the related notes to the financial statements, and have issued our report thereon dated February 23, 2018.

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) to determine the 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 Plan's internal control. Accordingly, we do not express an opinion on the effectiveness of the Plan's internal control.

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 and therefore, material weaknesses or significant deficiencies may exist that were not identified. 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 Plan's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations and contracts, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. 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 Plan'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 Plan's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Marcum LLP

Miami, FL
February 23, 2018