



CITY OF MIAMI, FLORIDA

SUPPLEMENTAL REPORT TO BONDHOLDERS

FISCAL YEAR ENDED
September 30, 2019



SUPPLEMENTAL REPORT TO BONDHOLDERS



FISCAL YEAR ENDED SEPTEMBER 30, 2019

Prepared By:
The Finance Department

Erica T. Paschal, CPA
Director

Noel G. Ramos
Controller/Assistant Director

Munirah Daniel, CPA
Assistant Director

Armando J. Blanco
Treasurer/Assistant Director

Page left intentionally blank

CITY OF MIAMI, FLORIDA



**FRANCIS X.
SUAREZ**
Mayor



**KEN
RUSSELL**
Vice-Chairman



**JOE
CAROLLO**
Commissioner



**ARTHUR
NORIEGA, V**
City Manager

**KEON
HARDEMON**
Chairman



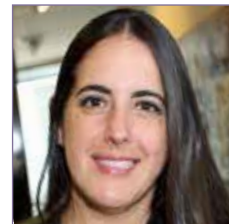
**ALEX
DÍAZ DE LA
PORTILLA**
Commissioner



**MANOLO
REYES**
Commissioner



**VICTORIA
MÉNDEZ**
City Attorney



September 30, 2019

Page left intentionally blank

TABLE OF CONTENTS



REPORT INTRODUCTION

Introduction	1
--------------------	---

DESCRIPTION OF DEBT

General Obligation and Limited Obligation Bonds	2
Special Obligation and Revenue Bonds/Loans with Specific Pledge Revenues	2
Covenant to Budget and Appropriate Bonds	3

SUMMARY INFORMATION

Nationally Recognized Municipal Securities Information Repositories	6
General Obligation Limited Ad Valorem Tax Bonds	7
Special Obligation and Revenue Bonds/Loans with Specific Pledge Revenues	8
Covenant to Budget and Appropriate Bonds	9
Legally Available Non-Ad Valorem Revenue.....	10
Coverage of Non-Ad Valorem Revenue.....	11
Schedules of Principal and Interest for General Obligation Bonds - Direct Placement	12
Schedules of Principal and Interest for Other Direct Placements.....	15
Schedules of Principal and Interest for Special Obligation Bonds, Loans and Leases.....	30
Supporting Schedules	41
Appendix-A Glossary	45

INTRODUCTION



Presented herewith is the City of Miami, Supplemental Report to Bondholders (Report). The purpose of this report is to provide useful information concerning the city, its financial operations and its indebtedness to current and potential investors, rating agencies, bond insurers, municipal analysts and other interested parties. It is also the mechanism used to fulfill the obligation the City has undertaken to annually make available to the secondary market updated information consistent with that provided in official statements.

The Report includes details about each outstanding bond issue for which the City has a legal obligation to report. All of the information presented is as of the close of our most recent fiscal year, September 30, 2019, unless the information is specifically noted as of a different date.

The City has contracted with Digital Assurance Certification, LLC (DAC Bond) to provide compliance reporting for the municipal securities industry. The Report and Comprehensive Annual Financial Report (CAFR) is submitted annually through DAC Bond to the Electronic Municipal Market Access (EMMA) System as required by the Municipal Securities Rulemaking Board (MSRB) and approved by the Securities and Exchange Commission (SEC). This provides a central location where investors can obtain free municipal bond information.

In addition to this Report, each fiscal year the City of Miami, Florida prepares a Comprehensive Annual Financial Report (the “CAFR”), which includes audited financial statements in accordance with generally accepted accounting principals (GAAP). The CAFR provides detailed financial information as well as summary and detailed information about the City, which is not included in this Report. Both the Report and the CAFR are available, upon request, in bound copies. Both documents are also viewable in the Finance Department’s section of the City’s web site at <http://www.miamigov.com/finance>

The City encourage readers of the Report to provide suggestions that will improve the readability or usefulness of the report. Questions concerning the information contains herein or suggestions should be directed to:

CITY OF MIAMI’S FINANCE DEPARTMENT

444 S.W. 2nd Avenue, Suite 618

Miami, Florida 33130

Phone: 305.416.1330

Fax: 305.416.1390

E-Mail: Finance@miamigov.com

DESCRIPTION OF DEBT



GENERAL OBLIGATION BONDS

A summary of major provisions and significant debt services requirements follows:

Debt service for general obligation bonds is provided for by a tax levy on non-exempt property value. The total general obligation debt outstanding is limited by the City Charter to 15% of the assessed non-exempt property value. At September 30, 2019, the statutory limitation for the City amounted to \$8,539,422,902 providing a debt margin of approximately \$8,413,757,492 after consideration of the \$135,315,000 of general obligation bonds outstanding at September 30, 2019 and adjusted for the fund balance of \$9,649,590 in the related Debt Service Fund.

SPECIAL OBLIGATION AND REVENUE BONDS /LOANS WITH SPECIFIC PLEDGE REVENUES

The City has a redevelopment loan in the amount of \$ 1,708,865 for the Gran Central Corporation Loan Project. The pledge for this loan is Tax Incremental revenue from the Southeast Overtown/ Park West district.

The City deposits with its Paying Agent funds received from CDT Tax, Parking Surcharge, and Parking Revenue directly into a Bond Service account 5 business days before the interest and principal payments are due for the Tax-Exempt Special Obligation Parking Revenue Bonds, Series 2010-A and Taxable Special Obligation Parking Revenue Bonds, Series 2010-B. If the pledged revenues are insufficient to cover the debt payments, there is a back-up covenant to budget and appropriate.

Currently the outstanding principal amount is \$84,540,000 for the Tax-Exempt Special Obligation Parking Revenue Bonds, Series 2010-A and \$475,000 the Taxable Special Obligation Parking Revenue Bonds, Series 2010-B, \$16,240,000 for the Special Obligation Parking Revenue Taxable Refunding Note Series 2018.

DESCRIPTION OF DEBT

COVENANT TO BUDGET AND APPROPRIATE BONDS/LOANS

The Special Obligation Non-Ad Valorem Revenue Bonds, Series 1995 (Pension); Non-Ad Valorem Fixed Taxable Rate Refunding Revenue Bonds, Series 2009 (Pension); Special Obligation Non-Ad Valorem Revenue Refunding Bonds, Series 2011-A; Special Obligation Non-Ad Valorem Refunding Bonds, Series 2012 (Port of Miami Tunnel Project); Special Obligation Refunding Bonds, Series 2014; Special Obligation Non-Ad Valorem Bond, Series 2017(Park Remediation); Special Obligation Non-Ad Valorem Refunding Notes Series 2017; Special Obligation Non-Ad Valorem Revenue Refunding Notes Taxable Pension Series 2017; Vehicle Replacement Program 2016, Vehicle Replacement Program 2017; Vehicle Replacement Program 2018; and P25 Citywide Radio Equipment Lease; Dell Financial Services Equipment Lease; and State Revolving Loan Wagner Creek shall be payable from the Covenant Revenues and other legally available revenues of the City actually budgeted and appropriated and deposited into the funds and accounts created and established pursuant to and in the manner provided in the Covenant Ordinance and/or Resolution. Deposited into the funds and accounts created under the Covenant Ordinance and/or Resolution, Covenant Revenues are not pledged for the payment of the Covenant Debt, and Bondholders will not have a lien thereon. The City has covenanted to the extent permitted by and in accordance with applicable law and budgetary processes, to prepare, approve and appropriate in its annual budget for each fiscal year, by amendment if necessary, and deposit to the credit of the Revenue Account established pursuant to the Covenant Ordinance and/or Resolution, Covenant Revenues in an amount which together with other legally available revenues budgeted and appropriated for such purpose equal to the Debt Service Requirement with respect to the Covenant Debt, plus an amount sufficient to satisfy all other payment obligations of the City under the Covenant Ordinance and/or Resolution for the applicable fiscal year, including, without limitations, the obligations of the City to fund and cure deficiencies in any sub-accounts in the Reserve Account created under the Covenant Ordinance and/or Resolution. Such covenant and agreement on the part of the City to budget and appropriate sufficient amounts of Covenant Revenues shall be cumulative, and shall continue until such Covenant Revenues in amounts, together with any other legally available revenues budgeted and appropriated for such purposes, sufficient to make all required payments under the Covenant Ordinance and/or Resolution as and when due, including any delinquent payments, shall have been budgeted, appropriated and actually paid into the appropriate funds and accounts under the Covenant Ordinance and/or Resolution.

Such covenant shall not constitute a lien, either legal or equitable, on any of the City's Covenant Revenues or other revenues, nor shall it preclude the city from pledging in the future any of its Covenant Revenues or other revenues to other obligations, nor shall it give the Bondholders a prior claim on the Covenant Revenues. Anything herein to the contrary notwithstanding, all obligations of the City under the Covenant Ordinance and/or Resolution shall be secured only by the Covenant Revenues and other legally available revenues actually budgeted and appropriated and deposited into the funds and accounts created under the Covenant Ordinance and/or Resolution, as provided for therein. The

DESCRIPTION OF DEBT



City may not expend moneys not appropriated or moneys in excess of its current budgeted revenues. The obligation of the City to budget, appropriate and make payments under the Covenant Ordinance and/or Resolution from its Covenant Revenues is subject to the availability of the Covenant Revenues in the General Fund of the City after satisfying funding requirements for obligations having an express lien on or pledge of such revenues and after satisfying funding requirements for essential governmental services of the City.

The City has not covenanted to maintain any programs or other activities, which generate Covenant Revenues.

All obligations of the City under the Covenant Ordinance and/or Resolution with respect to the Covenant Debt and any Additional Bonds issued hereunder shall be secured only by the Covenant Revenues and other legally available revenues actually budgeted and appropriated and deposited into the funds and accounts created under the Covenant Ordinance and/or Resolution. Nothing in the Covenant Ordinance and/or Resolution shall be deemed to create a pledge of or lien on the Covenant Revenues, the ad valorem tax revenues, or any other revenues of the City, or to permit or constitute a mortgage or lien upon any assets owned by the City. No Bondholder shall ever have the right to compel any exercise of the ad valorem taxing power of the City for any purpose, including without limitation, to pay the principal of or interest or premium, if any, on the Bonds or to make any other payment required under the Covenant Ordinance and/or Resolution or to maintain or continue any of the activities of the City which generate user charges, regulatory fees or any other Covenant Revenues, nor shall the Bonds constitute a charge, lien or encumbrance, either legal or equitable, on any property, assets or funds of the City.

Since holders of the Covenant Debt are not entitled to a lien on the Covenant Revenues until such revenues are deposited into the funds and accounts created under the Covenant Ordinance and/or Resolution in favor of the holders of the Covenant Debt, the City is free to grant liens on the Covenant Revenues to secure other obligations. The exercise of remedies by the holders of other debt payable from the Covenant Revenues (whether or not so secured by a lien), including Non-Self Sufficient Debt which is not issued as Bonds under the Covenant Ordinance and/or Resolution or the holders of the other obligations of the City, including judgment creditors, may result in the payment of debt service on some obligations so secured prior to the payment of debt service on other Non-Self Sufficient Debt, including the Covenant Debt.

The City has covenanted and agreed in the Covenant Ordinance and/or Resolution that for so long as any Bonds are outstanding under the Covenant Ordinance and/or Resolution, the City shall continue to deposit to the credit of the City's General Fund those revenue sources that are deposited to the credit of the General Fund and Communication Services Tax Fund as provided in the City's Annual Budget.

DESCRIPTION OF DEBT



LIMITATIONS OF COVENANT TO BUDGET AND APPROPRIATE FROM NON-AD VALOREM REVENUES

The City's covenant to budget and appropriate funds from legally available non-ad valorem revenues in any given year is limited to 10% of the Maximum Annual Debt service on the Series 2009, 2015 and 2017 Bonds. Such amounts therefore would not be sufficient to ensure payment of all debt service on the Series 2009, 2015 and 2017 Bonds if the amount of debt service due and not covered by the revenues available from the Limited Ad Valorem Tax exceeded such 10% amount.

As described above, The City's covenant to budget and appropriate such funds does not constitute a lien, either legal or equitable, on any of the City's revenues. The amount of such revenues available to make payments on the Series 2009, 2015 and 2017 Bonds may be effectively limited by the requirement for a balanced budget, funding requirements for essential governmental services of the City, and the inability of the City to expend revenues not appropriated or in excess of funds actually available after the use of such funds to satisfy obligations having an express lien or pledge on such funds. All of these factors may limit the availability of non-ad valorem revenues available to pay a portion of the debt service on the Series 2009, 2015 and 2017 Bonds. In addition, there can be no certainty as to the outcome of any judicial proceedings to enforce the City's obligation to appropriate such funds. Furthermore, the City is not restricted in its ability (1) to pledge such revenues for other purposes or to issue additional debt specifically secured by such revenues or by a covenant similar to that securing the Series 2009, 2015 and 2017 Bonds or (2) to reduce or discontinue services that generate non-ad valorem revenues. All of these factors may limit the availability of non-ad valorem revenues available to pay a portion of the debt service on the Series 2009, 2015 and 2017 Bonds. In addition, there can be no certainty as to the outcome of any judicial proceedings to enforce the City's obligation to appropriate such funds.

LIMITATIONS OF LIMITED AD VALOREM TAX PLEDGE

The pledge of Limited Ad Valorem Tax revenues securing the Series 2009, 2015 and 2017 Bonds is not identical to the unlimited pledge of such revenues securing the City's full faith and credit general obligation bonds. While the City is obligated to increase the millage rate if required to collect tax revenues is sufficient to pay debt service on full faith and credit general obligation bonds, such is not the case with the Series 2009, 2015 and 2017 bonds. The Limited Ad Valorem Tax which secures the 2009, 2015 and 2017 bonds may not be levied in excess of a millage rate that, when added to the millage rate needed to meet the debt service on the City's outstanding full faith and credit general obligation bonds, exceeds 1.218 mills. In the contract with Issuer, the City has restricted its ability to incur additional full faith and credit general obligation indebtedness or voter approved bonds by covenanting to not issue such additional debt without having revenues generated by the Limited Ad Valorem Tax which will provide at least 1.0x coverage of outstanding Voter Approved Bonds, General Obligation Bonds and the proposed bonds to be issued.

Based on currently available information, the City believes that the revenues derived from ad valorem taxes collected at a millage rate of up to 1.218 mills will be sufficient to pay debt service on the Series 2009, 2015 and 2017 Bonds as well as the currently outstanding full faith and credit general

DESCRIPTION OF DEBT

obligation debt of the City. A decline, however, in property values within the City or a decline in tax collections could create a situation where ad valorem revenues would not be sufficient to pay all such debt service. In such circumstances, (1) ad valorem tax revenues would be utilized first to pay full faith and credit general obligation debt of the City, (2) increases in revenue reflecting an increase in the millage rate would be required only to produce revenue for the payment of full faith and credit general obligation debt, and (3) ad valorem tax revenues might not be available for the payment of any debt service on the Series 2009, 2015 and 2017 Bonds.

Factors leading to such circumstances might include local, regional or national economic downturns; natural disasters such as hurricanes or floods; judicial challenges to tax rates and collections; and the inability of the Miami-Dade County Property Appraiser to properly assess such taxes and the Miami-Dade County Tax Collector to collect such taxes efficiently.

ELECTRONIC MUNICIPAL MARKET ACCESS (EMMA)

Since July 1, 2009, municipal security continuing disclosure information is required to be sent to the Municipal Securities Rulemaking Board (MSRB), through its EMMA website. For information about issuances of municipal securities that took place before 1990, or for continuing disclosure information published before July 1, 2009, you may be able to obtain information about particular municipal securities by accessing, or requesting such information from a former Nationally Recognized Municipal Securities Information Repositories (NRMSIR).

BLOOMBERG MUNICIPAL REPOSITORIES

P.O. Box 840
Princeton, NJ 08542-0840
PH: (609) 279-3225
FAX: (609) 279-5962
Email: Munis@Bloomberg.com

DPC DATA INC.

One Executive Drive
Fort Lee, New Jersey 07024
PH: (201) 346-0701
FAX: (201) 947-0107
Email: nrmsir@dpcdata.com

INTERACTIVE DATA

ATTN: Repository
100 Williams Street
New York, NY 10038
PH: (212) 771-6999
FAX: (212) 771-7390 (Secondary Mkt Info)
FAX: (212) 771-7391 (Primary Mkt Info)
Email: NRMSIR@FTID.com

STANDARD & POOR'S J J KENNY REPOSITORY

55 Water Street
45th Floor
New York, NY 10041
PH: (212) 438-4595
FAX: (212) 438-3975
Email: nrmsir_repository@sandp.com

The EMMA website is funded and operated by the MSRB, the self-regulatory organization charged by Congress with promoting a fair and efficient municipal securities market. EMMA is designated by the U. S. Securities and Exchange Commission as the official source for municipal securities data and disclosure documents. The website provides free public access to objective municipal market information and interactive tools for investors, municipal entities and others. EMMA supports municipal market transparency but is not a platform for buying or selling bonds.

**City of Miami, Florida
 General Obligation
 Limited Ad Valorem Tax Bonds
 Summary Information
 As of September 30, 2019**

	<u>Outstanding</u>	<u>Underlying Credit Rating on the Debt</u>		<u>Credit Facility</u>	<u>Paying Agent</u>	<u>Final Maturity</u>
Limited Ad Valorem Tax Bonds Series 2009	-	Moody's	Aa2	N/A	US Bank	01/01/19
		S&P	AA-			
		Fitch	A-			
Limited Ad Valorem Tax Bonds Series 2015	51,670,000	N/A	N/A	N/A	BOA	01/01/28
Limited Ad Valorem Tax Bonds Series 2017	83,645,000	N/A	N/A	N/A	JP Morgan	01/01/29
 Total Limited Ad Valorem Tax Bonds	 <u>\$ 135,315,000</u>					

City of Miami, Florida
Special Obligation and Revenue Bonds/Loans
with Specific Pledge Revenues and (Covenant to Budget)
Summary Information
As of September 30, 2019

	<u>Outstanding</u>	<u>Underlying Credit Rating on the Debt</u>		<u>Credit Facility</u>	<u>Paying Agent</u>	<u>Final Maturity</u>
Special Obligation Refunding Bonds, Series 2018A (Street and Sidewalk) Pledged Revenues(PTT Tax 80%, Parking Surcharge 20%) (Local Optional Gas Tax 100%)	57,405,000	Moody's S&P Fitch	A2 A AA-	National	US Bank	01/01/37
Special Obligation Refunding Bonds, Series 2018B (Street and Sidewalk) Pledged Revenues(PTT Tax 80%, Parking Surcharge 20%)	42,620,000	Moody's S&P Fitch	A2 A AA-	National	US Bank	01/01/39
Special Obligation Bonds, Series 2018C (Street and Sidewalk) Pledged Revenues(PTT Tax 80%, Parking Surcharge 20%)	7,455,000	Moody's S&P Fitch	A2 A AA-	National	US Bank	01/01/39
Tax-Exempt Special Obligation Parking Revenue Bonds, Series 2010-A (Marlins Parking Garage)	84,540,000	Moody's S&P Fitch	A3 A+ AA-	Assured Guaranty	TD Bank	07/01/39
Taxable Special Obligation Parking Revenue Bonds, Series 2010-B (Marlins Parking Garage Retail)	475,000	Moody's S&P Fitch	A3 A+ AA-	Assured Guaranty	TD Bank	07/01/27
Taxable Special Obligation Parking Revenue Refunding(2010B)Notes, Series 2018 (Marlins Parking Garage Retail)	16,240,000	Moody's S&P Fitch	N/A N/A N/A		BB&T	07/01/27
Gran Central Corporation Loan	1,708,864	N/A	N/A	N/A	N/A	N/A
Total Loans, Special and Revenue Bonds.	<u><u>\$ 210,443,864</u></u>					

**City of Miami, Florida
Covenant to Budget and Appropriate
Special and Revenue Non-Ad Valorem Bonds
Summary Information
As of September 30, 2019**

<u>Description</u>	<u>Outstanding</u>	<u>Underlying Credit Rating on the Debt</u>		<u>Credit Facility</u>	<u>Paying Agent</u>	<u>Final Maturity</u>
Non-Ad Valorem Revenue Bonds Taxable Pension Series 1995	\$ 7,550,000	Moody's S&P Fitch	Aa3 AA- A+	AMBAC	U. S. Bank	12/01/20
Non-Ad Valorem Refunding Revenue Bonds Taxable Pension Series 2009	6,095,000	Moody's S&P Fitch	Aa3 AA- A+	AMBAC	U. S. Bank	12/01/25
Special Obligation Non-Ad Valorem Revenue Refunding Bonds Series 2011-A	(1) 7,595,000	Moody's S&P Fitch	Aa3 AA- A+	Assured Guaranty	Regions Bank	02/01/31
Special Obligation Non-Ad Valorem Revenue Refunding Bonds Series 2012 Port of Miami Tunnel Project	35,675,000	Moody's S&P Fitch	Aa3 AA- A+	NA	U. S. Bank	03/01/30
Special Obligation Refunding Bonds Series 2014	7,138,449	NA	NA	NA	PNC Bank	07/01/26
Special Obligation Non-Ad Valorem Revenue Park Remediation Series 2017	24,120,000	NA	NA	NA	Raymond James	01/01/32
Special Obligation Refunding(2011A)Notes Series 2017	57,235,000	NA	NA	NA	JP Morgan	02/01/31
Special Obligation Refunding(2009)Notes Series 2017	7,055,000	NA	NA	NA	PNC Bank	12/01/25
Vehicle Replacement Program 2016	4,295,626	NA	NA	NA	Santander	01/01/21
Vehicle Replacement Program 2017	6,132,362	NA	NA	NA	Santander	01/01/22
Vehicle Replacement Program 2018	9,067,913	NA	NA	NA	Santander	01/01/23
P25 Citywide Radio Equip Lease	8,801,557	NA	NA	NA	Signature Bank	07/15/24
Dell Financial Services Lease 2018	224,024	NA	NA	NA	Dell Fincial Services	06/01/22
Wagner Creek Loan	13,745,199	NA	NA	NA	State of Florida	
Total	<u>\$ 194,730,127</u>					

Covenants

(1) The City may incur additional debt that is payable from all or a portion of the non-ad valorem revenues only if the total amount of "legally available" non-ad valorem revenues for the prior Fiscal Year are:

(a) at least 2.00 times the aggregate maximum annual debt service of all debt (including all long-term financial obligations appearing on the City's most recent audited financial statements and the debt proposed to be incurred) to be paid from non-ad valorem revenues and not other funds of the City (collectively, "Debt"), including any Debt payable from one or several specific non-ad valorem revenue sources but only to the extent such non-ad valorem revenues are "legally available" to pay debt service on the Bonds, currently at 2.40 times, see attached.

(b) so long as the Bonds are outstanding and if a Reserve Account Insurance Policy is in effect, at least 1.00 times the obligation of the city to repay any costs then due and owing to the Provider of a Reserve Account insurance Policy. Surety bond is in effect for 1.0x

CITY OF MIAMI, FLORIDA
LEGALLY AVAILABLE NON AD VALOREM REVENUE
FOR THE YEARS ENDING SEPTEMBER 30TH
(\$ in thousands)

	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Revenues:					
Franchise and Utility Taxes	\$ 107,114	\$ 107,437	\$ 111,741	\$ 113,993	\$ 115,560
Licenses and Permits:					
Business Licenses and Permits	31,660	36,749	36,770	38,891	44,650
Construction permits	33,342	33,838	35,772	34,422	30,772
	<u>65,002</u>	<u>70,587</u>	<u>72,542</u>	<u>73,313</u>	<u>75,422</u>
Intergovernmental:					
State and Revenue Sharing	31,572	32,683	33,318	34,076	43,581
Half-Cent Sales Tax	31,254	32,699	33,521	35,788	37,023
Fine and Forfeitures	12,629	15,075	15,862	13,887	7,699
Other	90	133	86	91	32
	<u>75,545</u>	<u>80,590</u>	<u>82,787</u>	<u>83,842</u>	<u>88,335</u>
Charges for Services:					
Engineering Services	24,861	25,352	25,226	25,651	24,528
Public Safety	12,476	15,028	14,439	15,833	18,493
Recreation	14,907	15,211	17,054	15,026	15,700
Other	50,978	51,006	59,235	60,971	63,454
	<u>103,222</u>	<u>106,597</u>	<u>115,954</u>	<u>117,481</u>	<u>122,175</u>
Interest Income	4,213	2,662	2,986	5,808	12,357
Other	4,751	8,412	13,064	19,057	10,723
Component Units Operating Transfers In	<u>4,846</u>	<u>4,205</u>	<u>12,073</u>	<u>6,164</u>	<u>3,830</u>
Total Sources of Legally Available Non-Ad Valorem Revenues	\$ 364,693	\$ 380,490	\$ 411,147	\$ 419,658	\$ 428,402
Essential Expenses Not Paid with Ad Valorem Taxes (1)	<u>(143,138)</u>	<u>(164,396)</u>	<u>(162,324)</u>	<u>(149,971)</u>	<u>(180,820)</u>
	<u>\$ 221,555</u>	<u>\$ 216,094</u>	<u>\$ 248,823</u>	<u>\$ 269,687</u>	<u>\$ 247,582</u>

Source: City of Miami Finance Department

(1) Total ad valorem taxes minus general fund government and public safety expenses. This amount does include a pro rata share of the pension costs associated with the general fund and public safety expenses.

CITY OF MIAMI, FLORIDA
COVERAGE OF NET NON-AD VALOREM REVENUES
YEAR ENDED SEPTEMBER 30TH
(\$ in thousands)

	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Net Non-Ad Valorem Funds Available to Pay Debt Service (1)	\$ 221,555	\$ 216,094	\$ 248,823	\$ 269,687	\$ 247,582
Debt Service (2)	\$ 85,656	\$ 90,148	\$ 101,562	\$ 101,558	\$ 96,336
Coverage	2.59	2.40	2.45	2.66	2.57

(1) Total sources of Non Ad Valorem Revenues minus essential expenses (General Fund Government and Public Safety) in excess of ad valorem revenue (does include a pro rata share of the pension costs associated with the general Fund Government and Public Safety expenses).

(2) Maximum annual debt service times 2 on bonds or other debt obligations payable from Non Ad Valorem Revenues outstanding as of September 30, 2019.

City of Miami, Florida
 Schedule of Principal and Interest for G.O.B - Direct Placement
 For Period Ended September 30, 2019

Fiscal Year Ending September 30th	57,240,000 GOBR-2015 <u>Principal</u>	57,240,000 GOBR-2015 <u>Interest</u>	57,240,000 GOBR-2015 <u>Total</u>
2020	1,590,000.00	1,343,100.00	2,933,100.00
2021	1,115,000.00	1,307,394.00	2,422,394.00
2022	240,000.00	1,289,508.00	1,529,508.00
2023	7,575,000.00	1,186,350.00	8,761,350.00
2024	7,790,000.00	983,532.00	8,773,532.00
2025	8,000,000.00	775,104.00	8,775,104.00
2026	8,225,000.00	560,934.00	8,785,934.00
2027	8,450,000.00	340,824.00	8,790,824.00
2028	8,685,000.00	114,642.00	8,799,642.00
2029			-
Total	51,670,000.00	7,901,388.00	59,571,388.00

City of Miami, Florida
 Schedule of Principal and Interest for G.O.B - Direct Placement
 For Period Ended September 30, 2019

Fiscal Year Ending September 30th	114,380,000 GOBR-2017 <u>Principal</u>	114,380,000 GOBR-2017 <u>Interest</u>	114,380,000 GOBR-2017 <u>Total</u>
2020	18,485,000.00	1,614,534.25	20,099,534.25
2021	19,780,000.00	1,199,359.00	20,979,359.00
2022	22,825,000.00	737,094.75	23,562,094.75
2023	680,000.00	482,065.50	1,162,065.50
2024	3,435,000.00	437,417.75	3,872,417.75
2025	3,520,000.00	361,956.00	3,881,956.00
2026	3,600,000.00	284,704.00	3,884,704.00
2027	3,685,000.00	205,661.75	3,890,661.75
2028	3,775,000.00	124,720.75	3,899,720.75
2029	3,860,000.00	41,881.00	3,901,881.00
Total	83,645,000.00	5,489,394.75	89,134,394.75

City of Miami, Florida
 Schedule of Principal and Interest for G.O.B - Direct Placement
 For Period Ended September 30, 2019

Fiscal Year Ending September 30th	Summary Total GOB Principal and Interest as of 09-30-19		
	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2020	20,075,000.00	2,957,634.25	23,032,634.25
2021	20,895,000.00	2,506,753.00	23,401,753.00
2022	23,065,000.00	2,026,602.75	25,091,602.75
2023	8,255,000.00	1,668,415.50	9,923,415.50
2024	11,225,000.00	1,420,949.75	12,645,949.75
2025	11,520,000.00	1,137,060.00	12,657,060.00
2026	11,825,000.00	845,638.00	12,670,638.00
2027	12,135,000.00	546,485.75	12,681,485.75
2028	12,460,000.00	239,362.75	12,699,362.75
2029	3,860,000.00	41,881.00	3,901,881.00
Total	135,315,000.00	13,390,782.75	148,705,782.75

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$18,049,380 Special Obligation Non Ad-Valorem Revenue Refunding 2014 Principal	\$18,049,380 Special Obligation Non Ad-Valorem Revenue Refunding 2014 Interest	Special Obligation Non Ad-Valorem Revenue Refunding 2014 Total Principal & Interest
2020	933,501.50	234,141.12	1,167,642.62
2021	963,604.10	203,522.26	1,167,126.36
2022	991,303.40	171,916.06	1,163,219.46
2023	1,015,971.30	139,401.30	1,155,372.60
2024	1,047,670.10	106,077.44	1,153,747.54
2025	1,077,158.70	71,713.86	1,148,872.56
2026	1,109,239.50	36,383.06	1,145,622.56
2027	-	-	-
2028	-	-	-
2029	-	-	-
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
Total	\$ 7,138,448.60	\$ 963,155.10	\$ 8,101,603.70

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$10,644,628 Santander 2016 <u>Principal</u>	\$10,644,628 Santander 2016 <u>Interest</u>	\$10,644,628 Santander Principal & <u>Interest</u>
2020	2,138,848	54,087	2,192,936
2021	2,156,777	18,079	2,174,856
2022	-	-	-
2023	-	-	-
2024	-	-	-
2025	-	-	-
2026	-	-	-
2027	-	-	-
2028	-	-	-
2029	-	-	-
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
Total	\$ 4,295,626	\$ 72,166	\$ 4,367,792

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$10,054,922 Santander 2017 <u>Principal</u>	\$10,054,922 Santander 2017 <u>Interest</u>	\$10,054,922 Santander Principal & <u>Interest</u>
2020	2,021,944	111,933	2,133,877
2021	2,044,040	67,500	2,111,540
2022	2,066,377	22,581	2,088,959
2023	-	-	-
2024	-	-	-
2025	-	-	-
2026	-	-	-
2027	-	-	-
2028	-	-	-
2029	-	-	-
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
Total	\$ 6,132,362	\$ 202,014	\$ 6,334,376

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$11,270,011 Santander 2018 <u>Principal</u>	\$11,270,011 Santander 2018 <u>Interest</u>	\$11,270,011 Santander 2018 <u>Principal & Interest</u>
2020	2,214,893	247,029	2,461,923
2021	2,249,260	177,763	2,427,023
2022	2,284,159	107,423	2,391,582
2023	2,319,600	35,991	2,355,591
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
2036			
2037			
2038			
2039			
Total	\$ 9,067,913	\$ 568,206	\$ 9,636,119

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$12,100,000 P25 Equipment Lease Principal	\$12,100,000 P25 Equipment Lease Interest	\$12,100,000 P25 Equipment Lease Principal & Interest
2020	1,688,941	172,576	1,861,516
2021	1,723,895	137,621	1,861,516
2022	1,759,573	101,943	1,861,516
2023	1,795,989	65,527	1,861,516
2024	1,833,159	28,357	1,861,516
2025	-	-	-
2026	-	-	-
2027	-	-	-
2028	-	-	-
2029	-	-	-
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
Total	\$ 8,801,557	\$ 506,024	\$ 9,307,581

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$373,938 Dell Financial Services Lease 2018 <u>Principal</u>	\$373,938 Dell Financial Services Lease 2018 <u>Interest</u>	\$373,938 Dell Financial Services Lease 2018 <u>Principal & Interest</u>
2020	71,145	10,935	82,080
2021	74,618	7,462	82,080
2022	78,260	3,820	82,080
2023	-	-	-
2024	-	-	-
2025	-	-	-
2026	-	-	-
2027	-	-	-
2028	-	-	-
2029	-	-	-
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
Total	\$ 224,024	\$ 22,216	\$ 246,240

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	Grand Central Loan Principal	Grand Central Loan Interest	Grand Central Loan Principal & Interest
2020	-	-	-
2021	-	-	-
2022	-	-	-
2023	-	-	-
2024	-	-	-
2025	-	-	-
2026	-	-	-
2027	-	-	-
2028	-	-	-
2029	-	-	-
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	1,708,864	-	1,708,864
Total	\$ 1,708,863.62	\$ -	\$ 1,708,863.62

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$27,160,000 Special Obligation Park Remediation Series 2017 Principal	\$27,160,000 Special Obligation Park Remediation Series 2017 Interest	\$27,160,000 Special Obligation Park Remediation Series 2017 Principal & Interest
2020	1,585,000	597,184	2,182,184
2021	1,625,000	556,096	2,181,096
2022	1,665,000	513,984	2,178,984
2023	1,710,000	470,784	2,180,784
2024	1,755,000	426,432	2,181,432
2025	1,800,000	380,928	2,180,928
2026	1,845,000	334,272	2,179,272
2027	1,895,000	286,400	2,181,400
2028	1,945,000	237,248	2,182,248
2029	1,995,000	186,816	2,181,816
2030	2,045,000	135,104	2,180,104
2031	2,100,000	82,048	2,182,048
2032	2,155,000	27,584	2,182,584
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
Total	\$ 24,120,000	\$ 4,234,880	\$ 28,354,880

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$13,745,199		\$13,745,199
	Wagner Creek Seybold Canal Const. Loan 2018 <u>Principal</u>	Wagner Creek Seybold Canal Const. Loan 2018 <u>Interest</u>	Wagner Creek Seybold Canal Const. Loan 2018 <u>Principal & Interest</u>
2020	571,552	-	571,552
2021	1,143,104	-	1,143,104
2022	1,143,104	-	1,143,104
2023	1,143,104	-	1,143,104
2024	1,143,104	-	1,143,104
2025	1,143,104	-	1,143,104
2026	1,143,104	-	1,143,104
2027	1,143,104	-	1,143,104
2028	1,143,104	-	1,143,104
2029	1,143,104	-	1,143,104
2030	1,143,104	-	1,143,104
2031	1,143,104	-	1,143,104
2032	599,503	-	599,503
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
Total	\$ 13,745,199	\$ -	\$ 13,745,199

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$59,310,000		
	\$59,310,000		\$59,310,000
	Special Obligation Non Ad-Valorem Revenue	Special Obligation Non Ad-Valorem Revenue	Special Obligation Non Ad-Valorem Revenue
	Refunding(2011-A) Series 2017 Principal	Refunding(2011-A) Series 2017 Interest	Refunding(2011-A) Series 2017 Total Principal & Interest
2020	805,000.00	1,579,943.50	2,384,943.50
2021	830,000.00	1,557,217.00	2,387,217.00
2022	4,890,000.00	1,477,709.00	6,367,709.00
2023	5,025,000.00	1,339,890.50	6,364,890.50
2024	5,170,000.00	1,198,180.00	6,368,180.00
2025	5,315,000.00	1,052,438.50	6,367,438.50
2026	5,465,000.00	902,596.50	6,367,596.50
2027	5,620,000.00	748,515.00	6,368,515.00
2028	5,780,000.00	590,055.00	6,370,055.00
2029	5,945,000.00	427,077.50	6,372,077.50
2030	6,110,000.00	259,513.00	6,369,513.00
2031	6,280,000.00	87,292.00	6,367,292.00
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
Total	\$ 57,235,000	\$ 11,220,428	\$ 68,455,428

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$7,180,000 Special Obligation Taxable Pension Ref (2009) Series 2017 Principal	\$7,180,000 Special Obligation Taxable Pension Ref (2009) Series 2017 Interest	\$7,180,000 Special Obligation Taxable Pension Ref (2009) Series 2017 Total Principal & Interest
2020	130,000	220,185	350,185
2021	625,000	208,215	833,215
2022	630,000	188,449	818,449
2023	630,000	168,683	798,683
2024	635,000	148,759	783,759
2025	635,000	128,756	763,756
2026	3,770,000	59,378	3,829,378
2027	-	-	-
2028	-	-	-
2029	-	-	-
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
Total	\$ 7,055,000	\$ 1,122,424	\$ 8,177,424

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$16,555,000 Special Obligation Bonds Marlins (2010B) Series 2018 Principal	\$16,555,000 Special Obligation Bonds Marlins (2010B) Series 2018 Interest	\$16,555,000 Special Obligation Bonds Marlins (2010B) Series 2018 Principal & Interest
2020	325,000	609,000	934,000
2021	1,845,000	596,813	2,441,813
2022	1,975,000	527,625	2,502,625
2023	2,045,000	453,563	2,498,563
2024	2,120,000	376,875	2,496,875
2025	2,200,000	297,375	2,497,375
2026	2,445,000	214,875	2,659,875
2027	3,285,000.00	91,687.50	3,376,687.50
2028	-	-	-
2029	-	-	-
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
Total	\$ 16,240,000	\$ 3,167,813	\$ 19,407,813

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$10,000,000 CRA OMNI Tax Incremental Revenue 2018-A <u>Principal</u>	\$10,000,000 CRA OMNI Tax Incremental Revenue 2018-A <u>Interest</u>	\$10,000,000 CRA OMNI Tax Incremental Revenue 2018-A <u>Prin & Int</u>
	2020	760,000.00	286,650.00
2021	785,000.00	261,950.00	1,046,950.00
2022	810,000.00	236,437.50	1,046,437.50
2023	835,000.00	210,112.50	1,045,112.50
2024	865,000.00	182,975.00	1,047,975.00
2025	895,000.00	154,862.50	1,049,862.50
2026	920,000.00	125,775.00	1,045,775.00
2027	950,000.00	95,875.00	1,045,875.00
2028	985,000.00	65,000.00	1,050,000.00
2029	1,015,000.00	32,987.50	1,047,987.50
2030			-
2031			-
2032			-
2033			-
2034			-
2035			-
2036			-
2037			-
2038			-
2039			-
Total	\$ 8,820,000	\$ 1,652,625	\$ 10,472,625

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$15,000,000	\$15,000,000	\$15,000,000
	CRA	CRA	CRA
	OMNI	OMNI	OMNI
	Tax	Tax	Tax
	Incremental	Incremental	Incremental
	Revenue	Revenue	Revenue
	2018-B	2018-B	2018-B
	<u>Principal</u>	<u>Interest</u>	<u>Prin & Int</u>
2020	1,140,000.00	628,375.50	1,768,375.50
2021	1,190,000.00	577,189.50	1,767,189.50
2022	1,245,000.00	523,758.50	1,768,758.50
2023	1,305,000.00	467,858.00	1,772,858.00
2024	1,360,000.00	409,263.50	1,769,263.50
2025	1,415,000.00	348,199.50	1,763,199.50
2026	1,485,000.00	284,666.00	1,769,666.00
2027	1,550,000.00	217,989.50	1,767,989.50
2028	1,615,000.00	148,394.50	1,763,394.50
2029	1,690,000.00	75,881.00	1,765,881.00
2030			-
2031			-
2032			-
2033			-
2034			-
2035			-
2036			-
2037			-
2038			-
2039			-
Total	\$ 13,995,000	\$ 3,681,576	\$ 17,676,576

City of Miami, Florida
Schedule of Principal and Interest for Other Direct Placements
For Fiscal Year Ended September 30, 2019

Total Other Direct Placement Principal and Interest as of 09-30-19

Fiscal Year Ending September 30th	Grand Total Principal	Grand Total Interest	Grand Total Principal & Interest
2020	14,385,825.40	4,752,038.85	19,137,864.25
2021	17,255,298.07	4,369,427.96	21,624,726.03
2022	19,537,776.95	3,875,646.16	23,413,423.11
2023	17,824,664.72	3,351,809.19	21,176,473.91
2024	15,928,933.21	2,876,918.72	18,805,851.93
2025	14,480,262.70	2,434,273.61	16,914,536.31
2026	18,182,343.50	1,957,945.06	20,140,288.56
2027	14,443,104.00	1,440,467.00	15,883,571.00
2028	11,468,104.00	1,040,697.50	12,508,801.50
2029	11,788,104.00	722,762.00	12,510,866.00
2030	9,298,104.00	394,617.00	9,692,721.00
2031	9,523,104.00	169,340.00	9,692,444.00
2032	2,754,502.81	27,584.00	2,782,086.81
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	1,708,863.62	-	1,708,863.62
Total	\$ 178,578,990.98	27,413,527.05	205,992,518.03

City of Miami, Florida
Schedule of Principal and Interest for Special Obligation, Revenue Bonds
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$72,000,000 Special Obligation Non-Ad Valorem Taxable Revenue Pension Bonds Series 1995 Principal	\$72,000,000 Special Obligation Non-Ad Valorem Taxable Revenue Pension Bonds Series 1995 Interest	\$72,000,000 Special Obligation Non-Ad Valorem Taxable Revenue Pension Bonds Series 1995 Total Principal & Interest
	2020	3,640,000	412,560
2021	3,910,000	140,760	4,050,760
2022	-	-	-
2023	-	-	-
2024	-	-	-
2025	-	-	-
2026	-	-	-
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
2036			
2037			
2038			
2039			
Total	\$ 7,550,000.00	\$ 553,320.00	\$ 8,103,320.00

City of Miami, Florida
Schedule of Principal and Interest for Special Obligation, Revenue Bonds
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$37,435,000 Non Ad Valorem Revenue Bonds Series 2009 <u>Principal</u>	\$37,435,000 Non Ad Valorem Revenue Bonds Series 2009 <u>Interest</u>	\$37,435,000 Non Ad Valorem Revenue Bonds Series 2009 <u>Principal & Interest</u>
2020	6,095,000	213,325	6,308,325
2021			
2022			
2023			
2024			
2025			
2026			
2027			
2028			
2029			
2030			
2031			
2032			
2033			
2034			
2035			
2036			
2037			
2038			
2039			
Total	\$ 6,095,000.00	\$ 213,325.00	\$ 6,308,325.00

City of Miami, Florida
Schedule of Principal and Interest for Special Obligation, Revenue Bonds
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$57,405,000		\$57,405,000
	Special Obligation Ref 2018A		Special Obligation Ref 2018A
	Streets & Sidewalks <u>Principal</u>	Streets & Sidewalks <u>Interest</u>	Streets & Sidewalks Total <u>Principal & Interest</u>
2020	2,020,000	2,819,750	4,839,750
2021	2,120,000	2,716,250	4,836,250
2022	2,230,000	2,607,500	4,837,500
2023	2,340,000	2,493,250	4,833,250
2024	2,460,000	2,373,250	4,833,250
2025	2,590,000	2,247,000	4,837,000
2026	2,725,000	2,114,125	4,839,125
2027	2,860,000	1,974,500	4,834,500
2028	3,010,000	1,827,750	4,837,750
2029	3,160,000	1,673,500	4,833,500
2030	3,325,000	1,511,375	4,836,375
2031	3,495,000	1,340,875	4,835,875
2032	3,675,000	1,161,625	4,836,625
2033	3,865,000	973,125	4,838,125
2034	4,060,000	775,000	4,835,000
2035	4,265,000	566,875	4,831,875
2036	4,490,000	348,000	4,838,000
2037	4,715,000	117,875	4,832,875
2038			
2039			
Total	\$ 57,405,000.00	\$ 29,641,625.00	\$ 87,046,625.00

City of Miami, Florida
Schedule of Principal and Interest for Special Obligation, Revenue Bonds
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$42,620,000	\$42,620,000	\$42,620,000
	Taxable Special Obligation Ref 2018B Streets & Sidewalks <u>Principal</u>	Taxable Special Obligation Ref 2018B Streets & Sidewalks <u>Interest</u>	Taxable Special Obligation Ref 2018B Streets & Sidewalks Total <u>Principal & Interest</u>
2020	1,030,000	1,921,410	2,951,410
2021	1,070,000	1,884,551	2,954,551
2022	1,110,000	1,845,058	2,955,058
2023	1,155,000	1,802,448	2,957,448
2024	1,200,000	1,756,745	2,956,745
2025	1,250,000	1,707,789	2,957,789
2026	1,300,000	1,655,134	2,955,134
2027	1,355,000	1,598,808	2,953,808
2028	1,415,000	1,539,010	2,954,010
2029	1,480,000	1,474,310	2,954,310
2030	1,545,000	1,404,856	2,949,856
2031	1,620,000	1,332,187	2,952,187
2032	1,695,000	1,256,075	2,951,075
2033	1,775,000	1,176,404	2,951,404
2034	1,865,000	1,090,815	2,955,815
2035	1,960,000	998,862	2,958,862
2036	2,050,000	902,462	2,952,462
2037	2,150,000	801,494	2,951,494
2038	7,610,000	566,863	8,176,863
2039	7,985,000	191,959	8,176,959
Total	\$ 42,620,000.00	\$ 26,907,237.35	\$ 69,527,237.35

City of Miami, Florida
Schedule of Principal and Interest for Special Obligation, Revenue Bonds
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$7,455,000		\$7,455,000
	Taxable Special Obligation 2018C		Taxable Special Obligation 2018C
	Streets & Sidewalks Principal	Streets & Sidewalks Interest	Streets & Sidewalks Total Principal & Interest
2020	240,000	332,842	572,842
2021	250,000	323,444	573,444
2022	260,000	313,662	573,662
2023	270,000	303,496	573,496
2024	280,000	292,239	572,239
2025	295,000	279,756	574,756
2026	305,000	266,730	571,730
2027	320,000	253,161	573,161
2028	335,000	238,835	573,835
2029	350,000	223,420	573,420
2030	365,000	207,003	572,003
2031	380,000	189,898	569,898
2032	400,000	171,989	571,989
2033	420,000	153,162	573,162
2034	440,000	132,941	572,941
2035	460,000	111,305	571,305
2036	485,000	88,587	573,587
2037	510,000	64,668	574,668
2038	530,000	39,666	569,666
2039	560,000	13,462	573,462
Total	\$ 7,455,000.00	\$ 4,000,265.60	\$ 11,455,265.60

City of Miami, Florida
Schedule of Principal and Interest for Special Obligation, Revenue Bonds
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$84,540,000	\$84,540,000	\$84,540,000
	Special Obligation Marlins Parking Garage 2010A Principal	Special Obligation Marlins Parking Garage 2010A Interest	Special Obligation Marlins Parking Garage 2010A Total Principal & Interest
2020	-	4,403,362.50	4,403,362.50
2021	-	4,403,362.50	4,403,362.50
2022	-	4,403,362.50	4,403,362.50
2023	-	4,403,362.50	4,403,362.50
2024	-	4,403,362.50	4,403,362.50
2025	-	4,403,362.50	4,403,362.50
2026	-	4,403,362.50	4,403,362.50
2027	1,275,000.00	4,403,362.50	5,678,362.50
2028	4,035,000.00	4,339,612.50	8,374,612.50
2029	4,235,000.00	4,137,862.50	8,372,862.50
2030	4,450,000.00	3,926,112.50	8,376,112.50
2031	6,670,000.00	3,703,612.50	10,373,612.50
2032	7,350,000.00	3,353,437.50	10,703,437.50
2033	7,735,000.00	2,967,562.50	10,702,562.50
2034	8,140,000.00	2,561,475.00	10,701,475.00
2035	8,565,000.00	2,134,125.00	10,699,125.00
2036	9,015,000.00	1,684,462.50	10,699,462.50
2037	9,830,000.00	1,211,175.00	11,041,175.00
2038	10,350,000.00	695,100.00	11,045,100.00
2039	2,890,000.00	151,725.00	3,041,725.00
Total	\$ 84,540,000.00	\$ 66,093,162.50	\$ 150,633,162.50

City of Miami, Florida
Schedule of Principal and Interest for Special Obligation, Revenue Bonds
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$16,830,000 Special Obligation Marlins Parking Garage 2010B Principal	\$16,830,000 Special Obligation Marlins Parking Garage 2010B Interest	\$16,830,000 Special Obligation Marlins Parking Garage 2010B Total Principal & Interest
2020	475,000.00	28,191.24	503,191.24
2021			-
2022			-
2023			-
2024			-
2025			-
2026			-
2027			-
2028	-	-	-
2029	-	-	-
2030	-	-	-
2031	-	-	-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
Total	\$ 475,000.00	\$ 28,191.24	\$ 503,191.24

City of Miami, Florida
Schedule of Principal and Interest for Special Obligation, Revenue Bonds
For Fiscal Year Ended September 30, 2019

	\$70,645,000	\$70,645,000	\$70,645,000
	Special	Special	Special
	Obligation	Obligation	Obligation
	Non Ad-Valorem	Non Ad-Valorem	Non Ad-Valorem
	Revenue	Revenue	Revenue
	Refunding	Refunding	Refunding
	2011-A	2011-A	2011-A
Fiscal			
Year			
Ending			
September			
30th	Principal	Interest	Principal & Interest
2020	3,705,000.00	278,493.76	3,983,493.76
2021	3,890,000.00	93,246.88	3,983,246.88
2022			-
2023			-
2024			-
2025			-
2026			-
2027			-
2028			-
2029			-
2030			-
2031			-
2032	-	-	-
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	-	-	-
Total	\$ 7,595,000.00	\$ 371,740.64	\$ 7,966,740.64

City of Miami, Florida
Schedule of Principal and Interest for Special Obligation, Revenue Bonds
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$44,725,000.00 Port of Miami Tunnel Loan Principal	\$44,725,000.00 Port of Miami Tunnel Loan Interest	\$44,725,000.00 Port of Miami Tunnel Loan Principal & Interest
2020	2,510,000.00	1,721,000.00	4,231,000.00
2021	2,635,000.00	1,592,375.00	4,227,375.00
2022	2,770,000.00	1,457,250.00	4,227,250.00
2023	2,905,000.00	1,315,375.00	4,220,375.00
2024	3,055,000.00	1,166,375.00	4,221,375.00
2025	3,205,000.00	1,009,875.00	4,214,875.00
2026	3,365,000.00	845,625.00	4,210,625.00
2027	3,535,000.00	673,125.00	4,208,125.00
2028	3,710,000.00	492,000.00	4,202,000.00
2029	3,895,000.00	301,875.00	4,196,875.00
2030	4,090,000.00	102,250.00	4,192,250.00
2031			-
2032			-
2033			-
2034			-
2035			-
2036			-
2037			-
2038			-
2039			-
Total	\$ 35,675,000.00	\$ 10,677,125.00	\$ 46,352,125.00

City of Miami, Florida
Schedule of Principal and Interest for Special Obligation, Revenue Bonds
For Fiscal Year Ended September 30, 2019

Fiscal Year Ending September 30th	\$50,000,000	\$50,000,000	\$50,000,000
	CRA	CRA	CRA
	SEOPW	SEOPW	SEOPW
	Tax	Tax	Tax
	Incremental	Incremental	Incremental
	Revenue	Revenue	Revenue
	2014A-1	2014A-1	2014A-1
	<u>Principal</u>	<u>Interest</u>	<u>Prin & Int</u>
2020	2,650,000.00	1,864,250.00	4,514,250.00
2021	2,785,000.00	1,728,375.00	4,513,375.00
2022	2,925,000.00	1,585,625.00	4,510,625.00
2023	3,075,000.00	1,435,625.00	4,510,625.00
2024	3,230,000.00	1,278,000.00	4,508,000.00
2025	3,390,000.00	1,112,500.00	4,502,500.00
2026	3,560,000.00	938,750.00	4,498,750.00
2027	3,735,000.00	756,375.00	4,491,375.00
2028	3,920,000.00	565,000.00	4,485,000.00
2029	4,120,000.00	364,000.00	4,484,000.00
2030	5,220,000.00	130,500.00	5,350,500.00
2031			-
2032			-
2033			-
2034			-
2035			-
2036			-
2037			-
2038			-
2039			-
Total	\$ 38,610,000.00	\$ 11,759,000.00	\$ 50,369,000.00

City of Miami, Florida
Schedule of Principal and Interest for Special Obligation, Revenue Bonds
For Fiscal Year Ended September 30, 2019

Total SOB Principal and Interest as of 09-30-19

Fiscal Year Ending September 30th	Grand Total Principal	Grand Total Interest	Grand Total Principal & Interest
2020	22,365,000.00	13,995,184.25	36,360,184.25
2021	16,660,000.00	12,882,363.48	29,542,363.48
2022	9,295,000.00	12,212,457.20	21,507,457.20
2023	9,745,000.00	11,753,556.60	21,498,556.60
2024	10,225,000.00	11,269,971.30	21,494,971.30
2025	10,730,000.00	10,760,281.80	21,490,281.80
2026	11,255,000.00	10,223,726.55	21,478,726.55
2027	13,080,000.00	9,659,331.50	22,739,331.50
2028	16,425,000.00	9,002,207.25	25,427,207.25
2029	17,240,000.00	8,174,966.70	25,414,966.70
2030	18,995,000.00	7,282,096.30	26,277,096.30
2031	12,165,000.00	6,566,572.70	18,731,572.70
2032	13,120,000.00	5,943,126.50	19,063,126.50
2033	13,795,000.00	5,270,253.10	19,065,253.10
2034	14,505,000.00	4,560,231.20	19,065,231.20
2035	15,250,000.00	3,811,167.20	19,061,167.20
2036	16,040,000.00	3,023,511.50	19,063,511.50
2037	17,205,000.00	2,195,211.20	19,400,211.20
2038	18,490,000.00	1,301,629.20	19,791,629.20
2039	11,435,000.00	357,146.80	11,792,146.80
Total	\$ 288,020,000.00	150,244,992.33	438,264,992.33

Projected Collection of Pledged Revenues

Fiscal Year Ending September 30,	Pledged Revenues			Total
	CDT (1)	Parking Revenues (2)	Parking Surcharge (3)	
2020	4,000,000	4,411,195	825,461	9,236,656
2021	5,000,000	4,411,195	825,461	10,236,656
2022	5,000,000	4,454,870	866,865	10,321,735
2023	5,000,000	4,454,870	866,865	10,321,735
2024	5,000,000	4,454,870	866,865	10,321,735
2025	5,000,000	4,454,870	866,865	10,321,735
2026	6,000,000	4,454,870	866,865	11,321,735
2027	6,000,000	4,743,127	910,366	11,653,493
2028	6,000,000	4,743,127	910,366	11,653,493
2029	6,000,000	4,743,127	910,366	11,653,493
2030	6,000,000	4,743,127	910,366	11,653,493
2031	8,000,000	4,743,127	910,366	13,653,493
2032	8,000,000	5,048,853	955,963	14,004,816
2033	8,000,000	5,048,853	955,963	14,004,816
2034	8,000,000	5,048,853	955,963	14,004,816
2035	8,000,000	5,048,853	955,963	14,004,816
2036	8,000,000	5,048,853	955,963	14,004,816
2037	8,000,000	5,367,682	1,003,656	14,371,338
2038	8,000,000	5,367,682	1,003,656	14,371,338
2039	-	5,367,682	1,003,656	6,371,338
Total	\$ 123,000,000	\$ 96,159,686	\$ 18,327,860	\$ 237,487,546

Source: City of Miami Finance Department

- (1) Scheduled Convention Development Tax distributions as pursuant to City of Miami resolution R-09-0132
- (2) 5,392 spaces (5,642 total spaces less Reserved Parking Spaces) times 81 Major League Baseball (MLB) Home Games times specified in "PARKING REVENUES" herein.
- (3) Assumed spaces times MLB Home Games as specified in Footnote (2) above times gross retail parking rates anticipated by the Stadium Operator between an average of \$15.00 to \$20.00 times 15% Parking Surcharge times 80%.

**Schedule of Principal and Interest
For Non-Ad Valorem Revenue Bonds
Budget and Appropriate**

<u>Fiscal Year Ending September 30,</u>	<u>Total Principal</u>	<u>Total Interest</u>	<u>Total Principal and Interest</u>
2020	28,110,825	5,853,392	33,964,218
2021	23,870,298	4,759,858	28,630,156
2022	18,277,777	4,045,075	22,322,852
2023	16,544,665	3,535,651	20,080,316
2024	14,638,934	3,074,180	17,713,114
2025	13,175,263	2,643,712	15,818,974
2026	16,697,344	2,178,254	18,875,598
2027	12,193,104	1,708,040	13,901,144
2028	12,578,104	1,319,303	13,897,407
2029	12,978,104	915,769	13,893,873
2030	13,388,104	496,867	13,884,971
2031	9,523,104	169,340	9,692,444
2032	2,754,503	27,584	2,782,087
2033	-	-	-
2034	-	-	-
2035	-	-	-
2036	-	-	-
2037	-	-	-
2038	-	-	-
2039	1,708,865	-	1,708,865
Total	<u>\$ 196,438,993</u>	<u>\$ 30,727,025</u>	<u>\$ 227,166,017</u>

Miami-Dade County, Florida
3% Convention Development Tax
Historical- Unaudited Receipts

Fiscal Year Ending September 30,	Taxable Revenue	Growth Rate	Tax Rate	Gross Collections	Administration Fees	Net Collections
2003	944,280,333	8.20%	3%	28,328,410	566,568	27,761,842
2004	1,102,877,633	16.80%	3%	33,086,329	661,727	32,424,602
2005	1,278,074,492	15.90%	3%	38,342,235	766,845	37,575,390
2006	1,410,500,066	10.30%	3%	42,315,002	846,300	41,468,702
2007	1,519,773,047	7.80%	3%	45,593,191	911,864	44,681,327
2008	1,597,469,115	5.10%	3%	47,924,073	958,481	46,965,592
2009	1,356,749,922	-13.40%	3%	41,533,161	830,663	40,702,498
2010	1,523,416,677	14.20%	3%	45,702,500	914,050	44,788,451
2011	1,756,668,584	23.10%	3%	52,700,058	1,054,001	51,646,056
2012	1,978,198,355	12.61%	3%	59,345,951	1,186,919	58,159,032
2013	2,174,117,214	9.90%	3%	65,223,516	1,304,470	63,919,046
2014	2,353,464,037	8.25%	3%	70,603,921	1,412,078	69,191,843
2015	2,568,459,592	9.14%	3%	77,053,788	1,541,076	75,512,712
2016	2,674,308,267	4.12%	3%	80,229,248	1,604,585	78,624,763
2017	2,659,465,396	-0.56%	3%	79,783,962	1,595,679	78,188,283
2018	3,010,666,391	13.21%	3%	90,319,992	1,806,400	88,513,592
2019	3,094,235,738	2.78%	3%	92,827,072	1,856,541	90,970,531

Source: Miami-Dade County Finance Department

City of Miami Fire Fighter's and Police Officers' Retirement Trust
Historical Funding Progress
Cola Fund
(in \$ millions)

Fiscal Year	(1) Net Assets Available for Benefits (\$)	(2) Pension Benefit Obligation (PBO) (\$)	(3) Percent Funded (%)	(4) Unfunded PBO (2)-(1) (\$)	(5) Annual Covered Payroll (\$)	Unfunded PBO as Percentage of Covered Payroll (4)/(5) (%)
2003	194.8	165.1	118%	(29.7)	98.9	-30%
2004	210.3	185.7	113%	(24.7)	89.2	-28%
2005	231.6	195.0	119%	(36.6)	91.5	-40%
2006	249.0	216.8	115%	(32.2)	90.4	-36%
2007	300.2	242.9	124%	(57.3)	103.6	-55%
2008	305.8	279.4	109%	(26.4)	129.4	-20%
2009	296.3	290.0	102%	(6.3)	122.2	-5%
2010	311.8	315.6	99%	3.8	80.2	5%
2011	310.0	303.6	102%	(6.4)	82.2	-8%
2012	350.3	312.6	112%	(37.7)	82.2	-46%
2013	378.7	320.0	118%	(58.7)	85.2	-69%
2014	394.6	370.1	107%	(24.5)	93.7	-26%
2015	381.4	393.5	97%	12.1	106.3	11%
2016	392.9	420.5	93%	27.6	133.1	21%
2017	405.7	431.8	94%	26.1	141.5	18%
2018	426.2	440.2	97%	14.0	148.9	9%

Source: City of Miami Fire Fighters' and Police Officers' Retirement Trust October 1, 2018 Actuarial Report prepared by the Nyhart Company, Inc.

- (1) Excluding future City minimum contributions.
- (2) Excluding new increment, contingency reserves for future activities.

Benefits payable from the COLA accounts are computed in accordance with actuarially based formula as defined in Section 40.204 of the City Code. Benefits are subject to reviews and modification in accordance with such Code section, which provides that all other matters regarding the COLA accounts shall be determined by negotiations between the City, FIPO Board of Trustees and the bargaining representatives of the International Association of Fire Fighters (the "IAFF") and the Fraternal Order of Police (the "FOP").

APPENDIX A GLOSSARY

**Ad Valorem Tax:**

A tax calculated “according to the value “of property. Such a tax is levied on the assessed valuation of real and tangible personal property.

Appropriation:

A legal authorization approved by the City Commission to make expenditures and incur obligation for specific purposes.

Bond:

A written promise to pay a specific sum of money at a specified date or dates in the future, together with the periodic interest at a specific rate.

Bondholder:

The registered owners, or their authorized representatives, of a Bond.

City:

Shall mean the City of Miami, Florida. City

Commission:

Shall mean The City Commission of the City or any successor commission, council, board or body in which the general legislative power of the City shall be vested.

City Manager:

Shall mean the City Manager of the City or his or her designee or the officer succeeding to his or her principal functions.

Covenants:

Pledges made by an issuer in regards to the operation of a project, system, or enterprise of the issuer. Such pledges are of interest to the bondholder as they assure that certain practices will be followed or avoided by the issuer.

Coverage:

The margin of safety or payment of debt service, reflecting the number of times by which the annual revenues, either gross or net, exceed the annual debt service.

Debt Service Requirement:

The amount of money required to pay the principal and interest of all bonds and other debt instrument according to a pre-determined payment schedule. Final maturity: The date upon which all principal and interest must be repaid.

Final maturity:

The date upon which all principal and interest must be repaid.

APPENDIX A GLOSSARY

**Fitch:**

Shall mean Fitch Ratings, Inc., a corporation organized and existing under the laws of the State of New York, that provide a rating service for corporate bonds, municipal bonds, commercial paper, and other debt obligations.

General Obligation Bond:

Voter approve bonds used to finance a variety of capital improvement projects such as streets, buildings, and improvements. These bonds are backed by the full faith and credit of the issuing government. The repayment of these bonds is usually made from ad valorem taxes based on an approved debt millage rate.

Issuer:

A legal entity that develops, registers and sells securities for the purpose of financing its operations. Issuers are legally responsible for the obligations of the issue and for reporting financial conditions, material developments and any other operational activities as required by the regulations of their jurisdictions. The most common types of securities issued are common and preferred stocks, bonds, notes, debentures, bills and derivatives.

Moody's Investor Service:

shall mean Moody's Investor Service, Inc., a corporation organized and existing under the laws of the State of Delaware that provide a rating service for corporate bonds, municipal bonds, commercial paper, and other debt obligations.

Paying agent:

An agent of the issuer with responsibility for timely payment of principal and interest to bond holders. Pledged revenues: Those revenues of an entity which are designated for the repayment of debt obligations.

Rating agencies:

A nationally recognized agency that rate securities for safety of payment of principal, interest, or dividends at the request of the issuer.

Rating category:

One of the generic rating categories of any nationally recognize security rating agency without regard to any refinement or graduation of such rating by a numerical modifier or otherwise.

Refunding:

The retiring of a bond issue at the earliest call date or at maturity with fund from a new issue.

Reserve account:

Established by the terms of a bond issue into which money is deposited for payment of debt service in case of a shortfall in current revenues. May take the form of a surety policy.

APPENDIX A GLOSSARY

**Resolution:**

A formal expression of opinion or intention made, usually after voting, by a formal organization, a legislature, or other group.

Revenue Bond:

A bond secured by pledge source of revenue. Special Obligation Bonds: A bond secured by a limited revenue source or promise to pay.

Standard & Poor's:

Shall mean Standard & Poor's Rating Service, a Division of McGraw-Hill Corporation Investor Service a corporation organized and existing under the laws of the State of New York, that provide as an independent company rating service for corporate bonds, municipal bonds, commercial paper, and other debt obligations according to risk profiles and produces and tracks the S&P indexes.

Taxable bond:

Bonds on which the interest at the time of issuance is not intended to be excluded from the gross income of the holders for federal tax purposes.

Tax exempt bond:

A municipal bond, the interest on which is exempt from Federal Income Tax.

Trustee:

A person or organization legally appointed to act on behalf of a beneficiary.

Underlying credit:

A rating for a debt issue on a stand-alone basis without credit enhancements.



CITY OF MIAMI, FLORIDA

SUPPLEMENTAL REPORT TO BONDHOLDERS

FISCAL YEAR ENDED
September 30, 2019

www.miamigov.com



twitter.com/miamifinance305